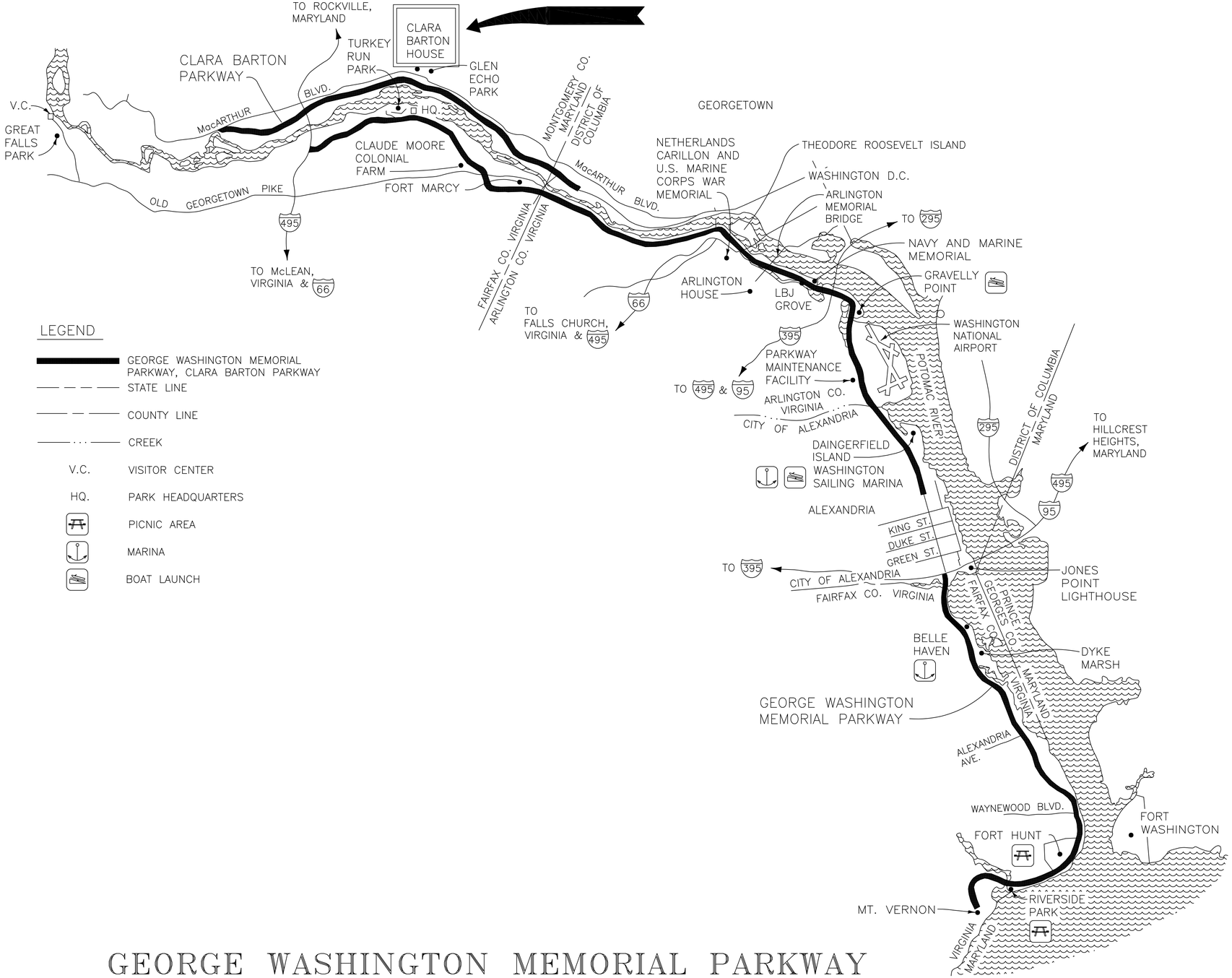
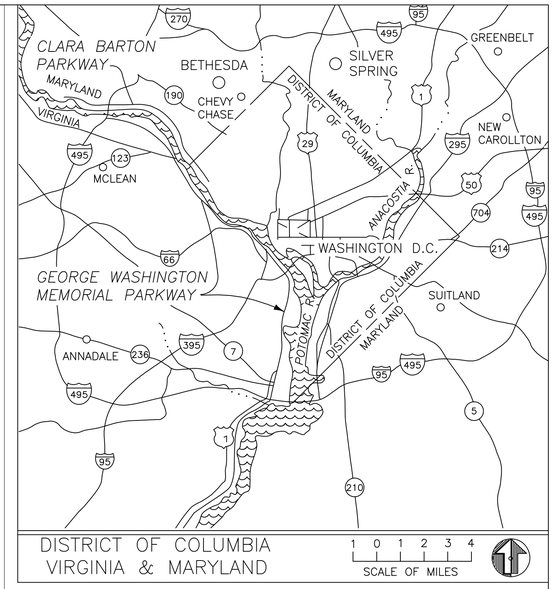



LEGEND

- GEORGE WASHINGTON MEMORIAL PARKWAY, CLARA BARTON PARKWAY
- STATE LINE
- COUNTY LINE
- CREEK
- V.C. VISITOR CENTER
- HQ. PARK HEADQUARTERS
- PICNIC AREA
- MARINA
- BOAT LAUNCH




# GEORGE WASHINGTON MEMORIAL PARKWAY

REHABILITATE CLARA BARTON
NATIONAL HISTORIC SITE
CLBA 312325

DESIGN DEVELOPMENT
DRAFT SUBMISSION
JANUARY 10TH, 2025

SCALE OF MILES
SCALE OF KILOMETERS

BASIC DATA: 850/41,022 5/92; 850/20,014 11/88; COVER SHEET REVISED & REDRAWN 7/93. UPDATED 3/99. SGS.

DESIGN DEVELOPMENT DRAFT

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
DENVER SERVICE CENTER

TITLE OF DRAWING
COVER SHEET

LOCATION WITHIN PARK
CLARA BARTON HOUSE

NAME OF PARK
GEORGE WASHINGTON MEMORIAL PARKWAY

REGION: NAT'L CAPITAL
COUNTY:
STATE: GLEN ECHO, MD

DRAWING NO.
895
179603

PKG. NO. ——
SHEET 1 OF 235

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|---|---|---|---|
| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. G–0.1 | TITLE OF SHEET<br>INDEX OF DRAWINGS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF X |

## GENERAL PROJECT NOTES

1. CLARA BARTON NATIONAL HISTORIC SITE IS A NATIONAL HISTORIC LANDMARK AND LISTED ON THE NATIONAL AND STATE REGISTER OF HISTORIC PLACES. ALL WORK MUST BE IN ACCORDANCE WITH THE SECRETARY OF INTERIOR'S STANDARDS FOR TREATMENT OF HISTORIC PROPERTIES (CODIFIED IN 1995 AND UPDATED IN 2017).

2. THIS PROJECT INVOLVES STRATEGIC REHABILITATION OF CLARA BARTON NATIONAL HISTORIC SITE FOR ITS CONTINUED USE AND VISITATION. THE INTENT OF THIS PROJECT IS TO:
   A. REHABILITATE THE EXISTING CLARA BARTON NATIONAL HISTORIC SITE, CONSERVING HISTORIC FABRIC TO THE GREATEST EXTENT POSSIBLE. THE BUILDING IS A NATIONAL HISTORIC LANDMARK. ALL MATERIAL IS GOVERNMENT PROPERTY, AND ANY THEFT IS PUNISHABLE BY LAW.

3. IT IS IMPERATIVE THAT WORKMANSHIP OF THE HIGHEST QUALITY BE UTILIZED IN THIS HISTORIC STRUCTURE. PRECAUTIONS MUST BE TAKEN AT ALL TIMES TO ENSURE SAFETY AND PRESERVATION OF THE STRUCTURE. NPS SHALL HAVE FULL DISCRETION TO SUSPEND WORK ON THE PART OF THE CONTRACTOR OR SUBCONTRACTOR WHICH, IN HIS/HER OPINION, IS LIKELY TO RESULT IN DAMAGE TO THE STRUCTURE.

4. WORK SHALL BE ORGANIZED AND SCHEDULED FOR THE ENTIRE PROJECT TO FACILITATE THE WORK WITHOUT JEOPARDIZING THE PRESERVATION OF HISTORIC ARTIFACTS ON THE SITE. PROTECTION AND PRESERVATION ARE THE RESPONSIBILITY OF THE CONTRACTOR.

5. PROBES WERE PERFORMED, BUT MOST OBSERVATIONS MADE REPRESENT PHYSICAL EXAMINATION ONLY. GC TO PERFORM VISUAL INSPECTION OF THE SCOPE OF WORK AND ADVISE ARCHITECT IF SIGNIFICANT VARIATIONS ARE FOUND. DOCUMENTS ARE BASED ON FIELD OBSERVATIONS OF EXISTING CONDITIONS MADE IN SUMMER 2022.

6. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD AND TO REPORT ALL DISCREPANCIES IN THESE DRAWINGS AND RELATED SPECIFICATIONS TO ARCHITECT FOR RESOLUTION PRIOR TO START OF CONSTRUCTION. FAILURE TO VERIFY ALL CONDITIONS AFFECTING THE WORK AND FAILURE TO REPORT DISCREPANCIES WILL NOT RELIEVE THE CONTRACTOR FROM COMPLETE COORDINATION OF ALL ASPECTS OF THE WORK.

7. WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING LOCATIONS SHALL BE PROVIDED.

8. IN ANY CASE OF CONFLICT BETWEEN THE DRAWINGS, SPECIFICATIONS, NOTES, AND DETAILS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.

9. CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT APPROVAL OF ARCHITECT/ENGINEER.

10. CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS PRIOR TO ORDERING AND/OR FABRICATING MATERIALS/ELEMENTS. ALL ARCHITECTURAL DIMENSIONS ARE TO THE FINISH FACE OF CONSTRUCTION UNLESS NOTED OTHERWISE.

11. CONTRACTOR IS REQUIRED TO EXAMINE THE DRAWINGS CAREFULLY AND VISIT THE PROJECT SITE. FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND LIMITATIONS PRIOR TO SUBMITTING THEIR PROPOSAL. FAILURE TO VISIT THE SITE AND NOT BEING FAMILIAR WITH THE EXISTING CONDITIONS AND LIMITATIONS SHALL IN NO WAY RELIEVE THE SUCCESSFUL BIDDER FROM FURNISHING MATERIALS, OR PERFORMING ANY WORK THAT MAY BE REQUIRED TO COMPLETE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, AND WITHOUT ANY ADDITIONAL COST TO NPS.

12. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SUPPORT. CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR THE SAFETY OF THE EXISTING STRUCTURE DURING CONSTRUCTION/ALTERATION OF THE EXISTING STRUCTURE AND SHALL TAKE PRECAUTIONS TO PREVENT DAMAGE TO THE EXISTING STRUCTURAL AND ARCHITECTURAL ELEMENTS. IF ANY DAMAGE TO SAME ELEMENTS OCCURS, IT SHALL BE RECTIFIED TO THE ENTIRE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.

13. CONTRACTOR SHALL PERFORM ALL WORK (INCLUDING DEMOLITION AND ERECTION) WITH DUE REGARD TO LIFE AND PROPERTY IN THE VICINITY OF THE WORK AREA. CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR PROTECTION OF SAME FROM ANY HARM OR DAMAGE DURING THE ENTIRE CONSTRUCTION AND/OR ALTERATION. ANY HARM OR DAMAGE DONE SHALL BE RECTIFIED TO THE ENTIRE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.

14. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL CONSTRUCTION DEBRIS IN VICINITY OF THE WORK. MUST PROVIDE ADEQUATE SHORING AND/OR TEMPORARY SUPPORT WHEREVER REQUIRED DURING THE ENTIRE CONSTRUCTION PERIOD.

15. CONTRACTOR IS RESPONSIBLE FOR PROTECTING WALKS, DRIVEWAYS AND ENTRANCES TO THE BUILDING TO MAINTAIN SAFE ACCESS AS REQUIRED. WALKS, DRIVES, AND EXISTING SITE FEATURES ARE TO REMAIN, UNLESS NOTED OTHERWISE. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING MATERIAL TO REMAIN DURING CONSTRUCTION, INCLUDING GUTTERS, DOWNSPOUTS, WOOD TRIM, LANDSCAPING AND HARDSCAPING. CONTRACTOR IS RESPONSIBLE TO REPAIR ANY DAMAGE TO SAME, INCLUDING REPAIR TO WALKS/DRIVES, REPLACEMENT LANDSCAPING, HARDSCAPING AND LAWN RESTORATION AS REQUIRED. LAYDOWN AREA SHALL BE LOCATED ON EXISTING GROUND AREA ONLY.

16. CONTRACTOR SHALL ASSUME THAT EXISTING PAINTED SURFACES MAY BE LEAD CONTAINING. PERFORM ALL WORK THAT DISTURBS LEAD CONTAINING PAINT (LCP) IN COMPLIANCE WITH APPLICABLE OSHA REGULATIONS AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES FOR REMOVAL, HANDLING, CONTAINERIZATION, TRANSPORTATION AND DISPOSAL OF LEAD CONTAINING PAINT. DISPOSE OF LEAD CONTAINING PAINT CHIPS AND OTHER RESIDUE AS HAZARDOUS WASTE IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

17. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THOROUGH AND COMPLETE RECORD DRAWINGS OF ALL WORK PERFORMED.

18. NO OPEN FLAMES ARE PERMITTED ANYWHERE ON THE JOB SITE

19. LEAD PAINT & ASBESTOS ADVISORY STATEMENT. CONTRACTOR SHALL BE CERTIFIED IN HAZMAT MITIGATION AND SHALL PROVIDE A SAFE WORK SITE.

20. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY PROTECTION AT HISTORIC ELEMENTS DURING CONSTRUCTION.

## ABBREVIATIONS

| | |
|---|---|
| AFF | ABOVE FINISH FLOOR |
| AP | ACCESS PANEL |
| ACT | ACOUSTICAL CEILING TILE |
| A/C | AIR CONDITIONING |
| ALT | ALTERNATE |
| ALUM | ALUMINUM |
| AB | ANCHOR BOLT |
| ARCH | ARCHITECT(URAL) |
| ASPH | ASPHALT |
| ASTM | AMERICAN SOCIETY FOR TESTING MATERIALS |
| AUX | AUXILARY |
| BRG | BEARING |
| BD | BOARD |
| BOT | BOTTOM |
| BLDG | BUILDING |
| CAB | CABINET |
| CARP | CARPET |
| CLG | CEILING |
| CTR | CENTER CENTERLINE |
| CT | CERAMIC TILE |
| CLR | CLEAR(ANCE) |
| CL | CLOSET |
| COL | COLUMN |
| CONC | CONCRETE |
| CONST | CONSTRUCTION |
| CONT | CONTINUE/CONTINOUS |
| CJ | CONTROL JOINT |
| COORD | COORDINATE |
| CORR | CORRIDOR |
| DEMO | DEMOLISH, DEMOLITION |
| DTL | DETAIL |
| DIAG | DIAGONAL |
| DIA | DIAMETER |
| DIM | DIMENSION |
| DN | DOWN |
| DWR | DRAWER |
| DWG | DRAWING |
| D | DRAIN |
| EA | EACH |
| E | EAST |
| ELEC | ELECTRIC(AL) |
| EWC | ELECTRIC WATER COOLER |
| EMER | EMERGENCY |
| ENCL | ENCLOSE (URE) |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| EXIST | EXISTING |
| EJ | EXPANSION JOINT |
| EXP | EXPOSED |
| EXT | EXTERIOR |
| FIN | FINISH(ED) |
| FFL | FINISH FLOOR LEVEL |
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER CABINET |
| FLR | FLOOR(ING) |
| FD | FLOOR DRAIN |
| FT | FEET |
| FTG | FOOTING |
| FR | FRAME(ED), (ING) |
| FBO | FURNISHED BY OTHERS |
| FURR | FURRED (ING) |
| GA | GAGE, GAUGE |
| GALV | GALVANIZED |
| GC | GENERAL CONTRACTOR |
| GL | GLASS, GLAZING |
| GWB | GYPSUM WALLBOARD |
| HC | HANDICAPPED |
| HDR | HEADER |
| HVAC | HEATING/VENTILATION/AIR CONDITIONING |
| HT | HEIGHT |
| HM | HOLLOW METAL |
| HORIZ | HORIZONTAL |
| IN | INCH |
| INSUL | INSULATE(D), (ING) |
| INT | INTERIOR |
| JAN | JANITOR |
| JT | JOINT |
| JST | JOIST |
| LAV | LAVATORY |
| LT | LIGHT |
| MFR | MANUFACTURE(R) |
| MO | MASONRY OPENING |
| MAX | MAXIMUM |
| MECH | MECHANIC(AL) |
| MTL | METAL |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| NOM | NOMINAL |
| N | NORTH |
| N/A | NOT APPLICABLE |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| NO | NUMBER |
| OFF | OFFICE |
| OC | ON CENTER(S) |
| OPG | OPENING |
| OPP | OPPOSITE |
| PTD | PAINTED |
| PVG | PAVE(D), (ING) |
| PVMT | PAVEMENT |
| PLAM | PLASTIC LAMINATE |
| PLYWD | PLYWOOD |
| PSI | POUNDS PER SQUARE INCH |
| PSF | POUNDS PER SQUARE FOOT |
| QTY | QUANTITY |
| RAD | RADIUS |
| REF | REFERENCE |
| REFR | REFRIGERATOR |
| REINF | REINFORCING |
| REQ | REQUIRE(D) |
| REV | REVISION(S), REVISED |
| R | RISER |
| RD | ROOF DRAIN |
| RM | ROOM |
| RO | ROUGH OPENING |
| SEC | SECTION |
| SHT | SHEET |
| SIM | SIMILAR |
| S | SOUTH |
| SPEC | SPECIFICATION(S) |
| SQ | SQUARE |
| SF | SQUARE FEET |
| STD | STANDARD |
| STL | STEEL |
| STOR | STORAGE |
| STR | STRUCTURAL |
| TB | TACKBOARD |
| THK | THICK(NESS) |
| T&G | TONGUE AND GROOVE |
| TOS | TOP OF SLAB |
| TOW | TOP OF WALL |
| TYP | TYPICAL |
| UON | UNLESS OTHERWISE NOTED |
| VERT | VERTICAL |
| VIF | VERIFY IN FIELD |
| VCT | VINYL COMPOSITE TILE |
| WC | WATER CLOSET |
| W | WEST |
| W | WIDTH, WIDE |
| W/ | WITH |
| W/O | WITHOUT |
| WD | WOOD |

## GENERAL DEMOLITION NOTES

1. CONTRACTOR TO VERIFY ALL CONDITIONS IN FIELD PRIOR TO DEMOLITION AND TO COORDINATE ALL DEMOLITION ACTIVITIES WITH INTENDED CONSTRUCTION. REPORT ALL DISCREPANCIES TO ARCHITECT FOR RESOLUTION.
2. PROTECT ALL CONSTRUCTION TO REMAIN FROM DAMAGE DURING DEMOLITION OF ADJACENT CONSTRUCTION. REPAIR/REPLACE CONSTRUCTION TO REMAIN DAMAGED DURING DEMOLITION TO MATCH THE QUALITY OF THE NEW WORK.
3. WHERE WALLS, COUNTERS, DOORS, ETC ARE SHOWN TO BE REMOVED, ALL WIRING IN DEMOLISHED AREAS SHALL BE REMOVED BACK TO PANEL EXCEPT WIRING THAT IS NECESSARY TO FACILITATE NEW CONSTRUCTION. ALL PIPING BRANCHES, SOIL LINES, ETC TO BE REMOVED BACK TO THE NEXT LARGEST SERVICE LINE EXCEPT WHERE TO BE ALTERED TO FACILITATE NEW CONSTRUCTION.
4. REVIEW RELOCATION OF EXISTING ELECTRICAL SWITCHES, OUTLETS, FIXTURES (IF ANY) WITH CONTRACTING OFFICER PRIOR TO DEMOLITION.
5. SALVAGED ITEMS TO BE REINSTALLED IN CONJUNCTION WITH NEW WORK TO BE STORED IN A SAFE, SECURE, AND DRY LOCATION AND TO NOT INTERFERE WITH OCCUPANT EGRESS, ACTIVITIES, OR SPACE REQUIREMENTS.
6. CONTRACTOR TO DISPOSE OF DEMOLISHED MATERIALS OFF–SITE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
7. SALVAGE DOORS U.O.N. AND RETURN TO NPS.
8. SEE REGULATED BUILDING MATERIALS REPORT FOR FULL LIST OF HAZARDOUS MATERIALS TO BE REMOVED PRIOR TO DEMOLITION.

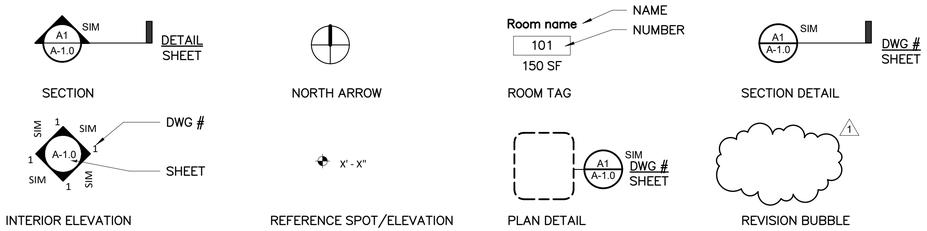
## GENERAL FLOOR PLAN NOTES

1. ALL DIMENSIONS TO FINISHED FACE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD. REPORT ALL DISCREPANCIES IN THESE DRAWINGS AND RELATED SPECIFICATIONS TO ARCHITECT FOR RESOLUTION PRIOR TO START OF CONSTRUCTION. FAILURE TO VERIFY ALL CONDITIONS AFFECTING THE WORK AND FAILURE TO REPORT DISCREPANCIES WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE COORDINATION OF ALL ASPECTS OF THE WORK.
3. ALL MATERIAL TO REMAIN IS TO BE PROTECTED DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE.
4. REFER TO SPECIFICATIONS AND ALL TRADE DRAWINGS FOR ADD'L INFORMATION.
5. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SUPPORT AND SHORING.

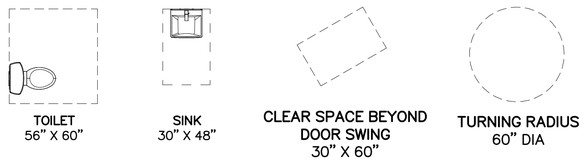
## MATERIALS LEGEND

EARTH
WOOD BLOCKING/ FRAMING
GYPSUM BOARD
CONCRETE MASONRY UNIT
CRUSHED STONE
PLYWOOD
GLASS
BRICK
CONCRETE
WOOD, FINISHED
BATT INSULATION

## TYPICAL SYMBOLS




## ABAAS PLUMBING FIXTURE CLEARANCES



**TOILET** 56" X 60"

**SINK** 30" X 48"

**CLEAR SPACE BEYOND DOOR SWING** 30" X 60"

**TURNING RADIUS** 60" DIA

| | | | |
|---|---|---|---|
| DESIGNED: JA | SUB SHEET NO. G-0.2 | TITLE OF SHEET: NOTES, ABBREVATIONS, & LEGENDS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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# CODE SUMMARY

1. PROJECT INFORMATION
**Building Address:** 5801 Oxford Road, Glen Echo, Maryland 20812
**Historic Building:** The Clara Barton National Historic Site is a qualified historic building under the 2021 IEBC.

| | | |
|---|---|---|
| **Building Occupancy (unseparated mixed use)** | **A–3 (most restrictive), B, S–1** | No change |
| **Occupancy Type in Work Area** | **A–3, B, S–1** | No change |
| **Existing Building Construction Type** | **V–B** | No change |
| **Fire Protection** | **Work area is fully sprinklered** | |
| **Building No. of Existing Stories Above Grade Plane** | **3 stories** | No change |
| **Building No. of Existing Stories below Grade Plane** | **1 story** | No change |

**Work Area (Existing Building Code)** **Alterations – Level 3**
Alterations Level 3 involve space reconfiguration that covers more than 50% of the building area.

Project Scope does not alter the building area, height, or number of stories.

Refer to sheet A–8.1 for code required signage types and locations.

2. BUILDING STANDARDS AND CODE
This project is being designed in accordance with the requirements of the building and fire safety standards listed below and will require approval by the NPS Authority Having Jurisdiction:

**Building Subcode.**
2021 International Building Code (**IBC**)
**Existing Building Subcode.**
2021 International Existing Building Code (**IEBC**)
**Mechanical Subcode.**
2021 International Mechanical Code (**IMC**)
**Plumbing Subcode.**
2021 International Plumbing Code (**IPC**)
**Electrical Subcode.**
2020 National Electrical Code (NFPA 70) (**NEC**)
**Energy Subcode.**
2018 International Energy Conservation Code (**IECC**)
**Fuel Gas Subcode.**
2021 International Fuel Gas Code (**IFGC**)
**Fire Subcode.**
2018 NFPA 101 Life Safety Code (**LSC**)
**Barrier Free Subcode.**
ICC/ANSI A117.1–2017 Accessible and Usable Buildings and Facilities (**ANSI**)
**Accessibility.**
2010 Department of Justice ADA Standards for Accessible Design (**ADAAG**)
GSA Architectural Barriers Act Accessibility Standards for Federal Facilities (**ABAAS**)
NPS DSC Design Slope/Cross Slope Requirements (**DSC**)
ADAAG and ABAAS are considered law, not code.
**Lift Subcode.**
Safety Standards for Platform Lifts (**ASME A18.1**)

3. REQUIRED PLUBMING FIXTURE COUNTS
Refer to Sheet G–0.5 for proposed Occupancy information.

Assembly Use = 163 occupants = 82 occupants each sex
Male Water Closets (1 per 125) = 0.66 total
Female Water Closets (1 per 165) = 0.5 total
Male Lavatories (1 per 200) = 0.4 total
Female Lavatories (1 per 200) = 0.4 total
Business Use = 2 occupants = 1 occupant each sex
Male Water Closets (1 per 25) = 0.04 total
Female Water Closets (1 per 25) = 0.04 total
Male Lavatories (1 per 40) = 0.03 total
Female Lavatories (1 per 40) = 0.03 total

Total Required Male Water Closets = 0.7 = 1 total
Total Required Female Water Closets = 0.54 = 1 total
**Complies.** The design proposes (2) new accessible water closets

Total Required Male Lavatories = 0.43 = 1 total
Total Required Female Lavatories = 0.43 = 1 total
**Complies.** The design proposes (2) new accessible lavatories

4. INTERIOR ENVIRONMENT

**IBC 1208.2 Minimum Ceiling Heights** – Occupied spaces shall have a ceiling height of not less than 7'–6" above the finished floor. If any room has a sloped ceiling, the prescribed ceiling height for the room is required in one–half the area thereof.
1. **Waiver W24–08 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow for the new Curatorial Workroom (Room 215) to be within the limiting headroom clearances of the existing building structure.

5. MEANS OF EGRESS
Refer to Sheets G–0.5 and G–0.6 for proposed Occupancy and Egress path information

**IBC 1004.5 Occupancy** – Where approved by the building official, the actual number of occupants for whom each occupied space, floor or building is designed, although less than those determined by calculation, shall be permitted to be used in the determination of the design occupant load.
1. **Waiver W24–09 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow reduced occupancies on the 2nd and 3rd floors due to limited live load capacities. Condition 1: A signage plan for the second floor indicating signage for each room's occupancy will be submitted to the Building Code Official for approval. Condition 2: The occupancy of the 3rd floor shall be limited to no more than 2 people for the purpose of maintenance only.

**IEBC 1203.3 Means of Egress** – Where approved by the code official, the front or main exit doors need not swing in the direction of exit travel, provided that other approved means of egress having sufficient capacity to serve the total occupant load are provided.
1. **Waiver W24–02 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow the inner main vestibule doors to swing inwards.

**NFPA 101, 7.2.1.2.3.2 (4) Egress Door Leaf Width** – In existing buildings, existing door leaf width shall not be less than 28 inches.
**IEBC 1203.3 Means of Egress** – Existing door opening widths less than those specified elsewhere in this code may be approved, provided that, in the opinion of the code official, there is sufficient width and height for a person to pass through the opening or traverse the means of egress.
1. **Waiver W24–07 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow each historic front door leaf to be lesser than 28 inches wide. Condition: The panic hardware should match the existing historic hardware material in color.

**IEBC 1203.6 Stairway Enclosure** – In buildings of three stories or less, exit enclosure construction shall limit the spread of smoke by the use of tight–fitting doors and solid elements. Such elements are not required to have a fire resistance rating.
1. **Waiver W24–03 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow Stair 110 to not be enclosed because it will not serve as a means of egress and the building will be fully sprinklered.

**IEBC 802.2.1 Existing Vertical Openings** – Existing vertical openings connecting two or more floors shall be enclosed with approved assemblies having a fire resistance rating of not less than 1 hour with approved opening protectives. Exception: where vertical opening enclosure is not required by the IBC or IFC.
**IBC 1019.3 Exit Access Stairways** – Exit Access Stairways shall be enclosed with a shaft of enclosure. Exception: exit access stairways that communicate only between two adjacent stories.
1. **Complies**. Existing grand stairway is the second means of egress and does not require enclosure.
2. **Complies**. Existing egress/communicating stairs leading up to the 3rd floor do not require enclosure.

**IEBC 1203.9 Stairway Railings** – Grand Stairways shall be accepted without complying with the handrail and guard requirements. Existing handrails and guards at all stairways shall be permitted to remain, provided they are not structurally dangerous.
1. **Complies**. Existing grand stairway handrails and guards are permitted to remain.

**IBC 1011.6 Stairway Landings** – When fully open, doors at landings shall not project more than 7 inches into the required width of a landing. The width of landings, measured perpendicular to the direction of travel, shall be not less than the width of the stairways served.
1. **Waiver W24–05 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow for new egress stairwell Doors 115 and 214 to project more than 7 inches into the required landing width.
2. **Waiver W24–06 granted** on 8/26/2024. The SME Panel and NPS Building Code Official allow for the construction of an egress stair within the limiting dimensions of the existing building structure.

**IBC 1015.3 Guards** – Required guards shall not be less than 42 inches high.
1. **Waiver W24–01 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow for new front porch guardrail to be less than 42 inches high.

**IEBC 804.5.1.1 Occupant Load and Travel Distance** – In any work area, all rooms and spaces having an occupant load greater that 50, or in which the travel distance to an exit exceeds 75 feet, shall have not fewer than two egress doorways.
1. **Complies**. All rooms have lesser than 50 occupants, and all travel distances to an exit are less than 75 feet.

**IEBC 804.5.2 Door Swing** – In the work area and in the egress path from any work area to the exit discharge, all egress doors serving an occupant load greater than 50 shall swing in the direction of exit travel.
1. **Complies**. All rooms have lesser than 50 occupants. Modified existing door B–7B (exit discharge from stairwell at grade) and all new doors opening into the exit stairwell will swing in the direction of exit travel. Refer to Waiver W24–02 (IEBC 1203.3 Means of Egress) for inner vestibule door being allowed to swing in opposite direction of travel.

**IEBC 804.5.3 Door Closing** – In any work area, all doors opening onto an exit passageway at grade or an exit stairway shall be self closing or automatically closing by listed closing devices. Exception: where exit enclosure is not required by the IBC.
1. **Complies**. Modified existing door B–7B (exit discharge from stairwell at grade) and all new doors opening into the exit stairwell will have self closing hardware.

5. MEANS OF EGRESS (continued)
Refer to Sheets G–0.5 and G–0.6 for proposed Occupancy and Egress path information

**IEBC 804.5.4 Panic and Fire Exit Hardware** – In any work area, and in the egress path from any work area to the exit discharge, in buildings or portions thereof of Group A assembly occupancies with an occupant load greater than 100, all required exit doors equipped with latching devices shall be equipped with approved panic or fire exit hardware in accordance with IBC 1010.2.9.
1. **Complies**. All required exit doors equipped with latching devices will be equipped with approved panic or fire exit hardware.

6. FIRE AND SMOKE PROTECTION FEATURES
Refer to Sheet G–0.6 for proposed Fire Barrier information.

**IBC 716.1(2) Door Panel Vision Size** – Vision panels are required for doors within fire barriers having a fire–resistance rating of 1 hour.
1. **Waiver W24–04 granted** on 8/6/2024. The SME Panel and NPS Building Code Official allow for new egress stairwell doors 115 and 214 to not have vision panels.

**IBC 713.4 Fire Resistance Rating** – Shaft enclosures shall have a fire resistance rating of not less than 1 hour where connecting less than four stories.
**IBC 713.6 Exterior Walls** – Where exterior walls serve as part of a rated shaft enclosure, the fire resistance rated enclosure requirements shall not apply.
1. **Complies**. The new egress stairwell connects three stories and will be within a 1 hour rated fire barrier. The existing exterior wall is not required to be rated.

**NFPA 8.6.7 Atriums** – The requirement for separation from the adjacent spaces by fire barriers shall not apply to previously approved atriums.
**IEBC 802.2.1 Existing Vertical Openings** – The enclosure shall not be required where all of the following conditions are met: (1.2.1) The communicating area has a low–hazard occupancy or has a moderate hazard occupancy that is protected throughout by an automatic sprinkler system. (1.2.2) The lowest or next–to–lowest level is a street floor. (1.2.3) The entire area is open and unobstructed in a manner such that is reasonable to assume that a fire in any part of the interconnected spaces will be readily obvious to all of the occupants. (1.2.4) Exit capacity is sufficient to provide egress simultaneously for all occupants of all levels by considering all areas to be a single floor for the determination of required exit capacity. (1.2.5) Each floor level, considered separately, has not less than one–half of its individual required exit capacity provided by an exit or exits leading directly out of that level without having to traverse another communicating floor level or can be exposed to the smoke or fire spreading from another communicating floor level.
1. **Complies**. The Main Hall's existing atrium opening does not require enclosure. (1.2.1) The building is protected throughout by an automatic sprinkler system. (1.2.2) The lowest level is a street floor. (1.2.3) It is reasonable to assume that a fire would be readily obvious to all occupants. (1.2.4) Exit capacity is sufficient. (1.2.5) The new egress stair is sized greater than one–half of each floor's required exit capacity.

7. ACCESSIBILITY
Refer to Sheet G–0.4 for proposed Accessibility floor plans.

**IEBC 306.7.8 Platform Lifts** – Platform (wheelchair) lifts installed in accordance with ASME A18.1 shall be permitted as a component of an accessible route.
1. **Complies**. The new vertical platform lift connects the 1st and 2nd floors on the accessible route.

**IBC 1105.1.1 Automatic Doors** – In facilities with an Assembly occupancy having a building occupant load greater than 300, public entrances that are required to be accessible shall have one door be either a full or low energy power–operated door. Where the public entrance includes a vestibule, at least one door into and one door out of the vestibule shall meet the requirements of this section.
1. **Complies**. The building occupant load is lesser than 300, so a power operated door is not required for each public entrance vestibule door.

**IBC 1010.1.6 Thresholds** – Thresholds at doorways shall not exceed 1/2" above the finished floor. Raised thresholds greater than 1/4" at doorways shall be beveled with a slope not greater than 1:2.
1. **Complies**. Existing noncompliant wood thresholds will be replaced with compliant thresholds in a matching material.

**ABAAS 604 Water Closets and Toilet Compartments** – Clearance around a water closet shall be 60 inches measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall. No sink fixture shall be located within the required water closet clearance.
1. **Complies**. Compliant sink fixtures will be selected to maximize floor clearance in both of the new toilet rooms.

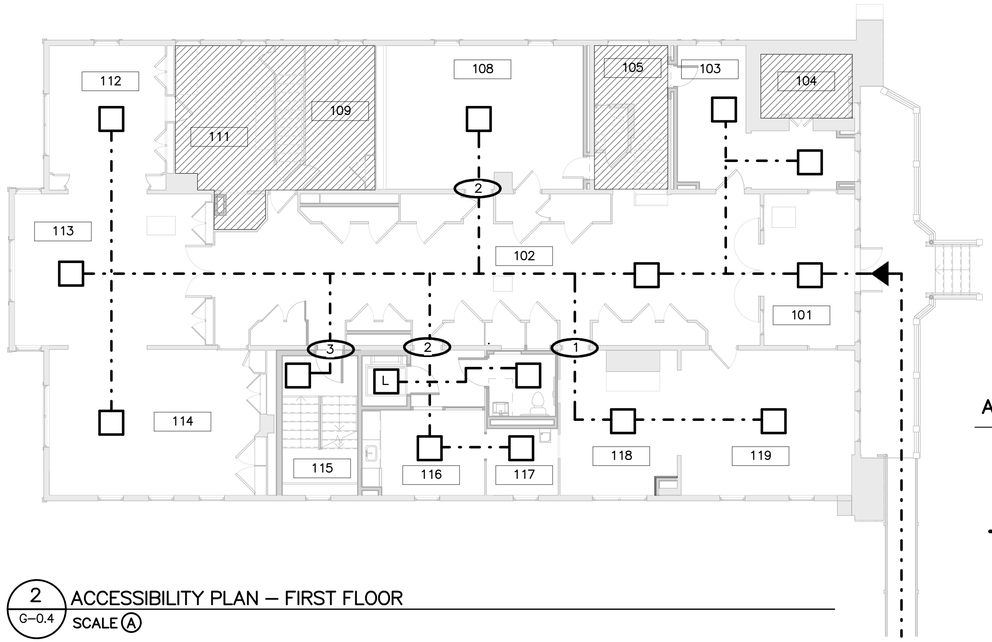
**ANSI 410.5.1.2 Platform Lifts with Single Doors** – In existing buildings, platform lifts with a single door shall provide a clear area of 36 inches by 48 inches minimum.
1. **Complies**. The proposed clear area inside the lift cab is 36 inches by 48 inches.

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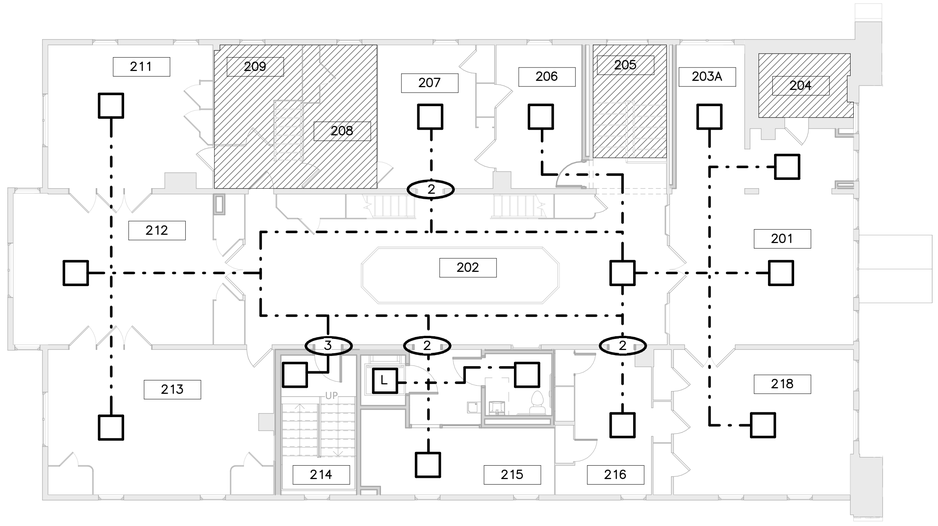
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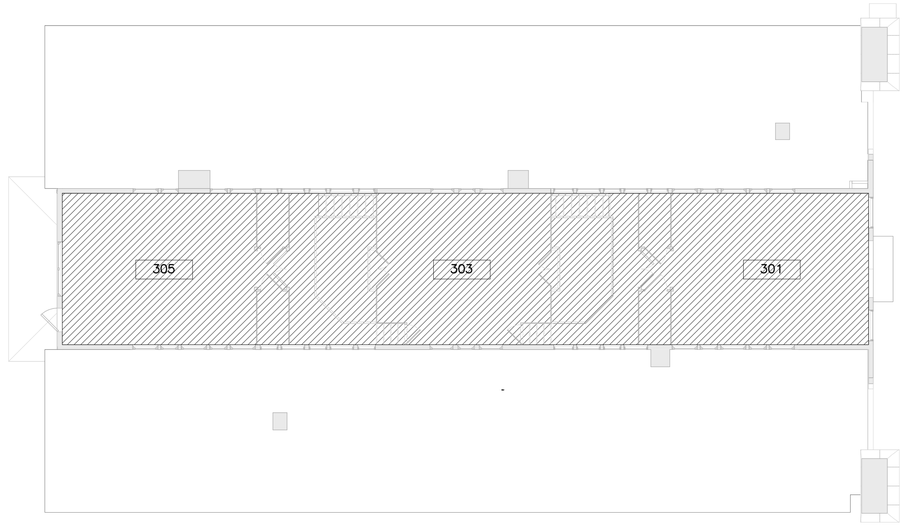

1 G–0.4 ACCESSIBILITY PLAN – BASEMENT
SCALE A




2 G–0.4 ACCESSIBILITY PLAN – FIRST FLOOR
SCALE A




3 G–0.4 ACCESSIBILITY PLAN – SECOND FLOOR
SCALE A




4 G–0.4 ACCESSIBILITY PLAN – THIRD FLOOR
SCALE A

## ACCESSIBILITY LEGEND

- ACCESSIBLE ENTRANCE
- ACCESSIBLE ROUTE, 36" MIN, w/ 32" CLEAR AT DOOR
- ACCESSIBLE SPACE
- L — VERTICAL PLATFORM LIFT
- NON–ACCESSIBLE SPACE
- 1 — DOOR WIDENING TYPE 1. REMOVE EXISTING DOOR AND STOP. REFER TO DETAIL 1/ A–6.08.
- 2 — DOOR WIDENING TYPE 2. MODIFY JAMB. REFER TO DETAIL 2/ A–6.08.
- 3 — DOOR WIDENING TYPE 3. REFRAME OPENING. REFER TO DETAIL 3 /A–6.08 AND STRUCTURAL DWGS.

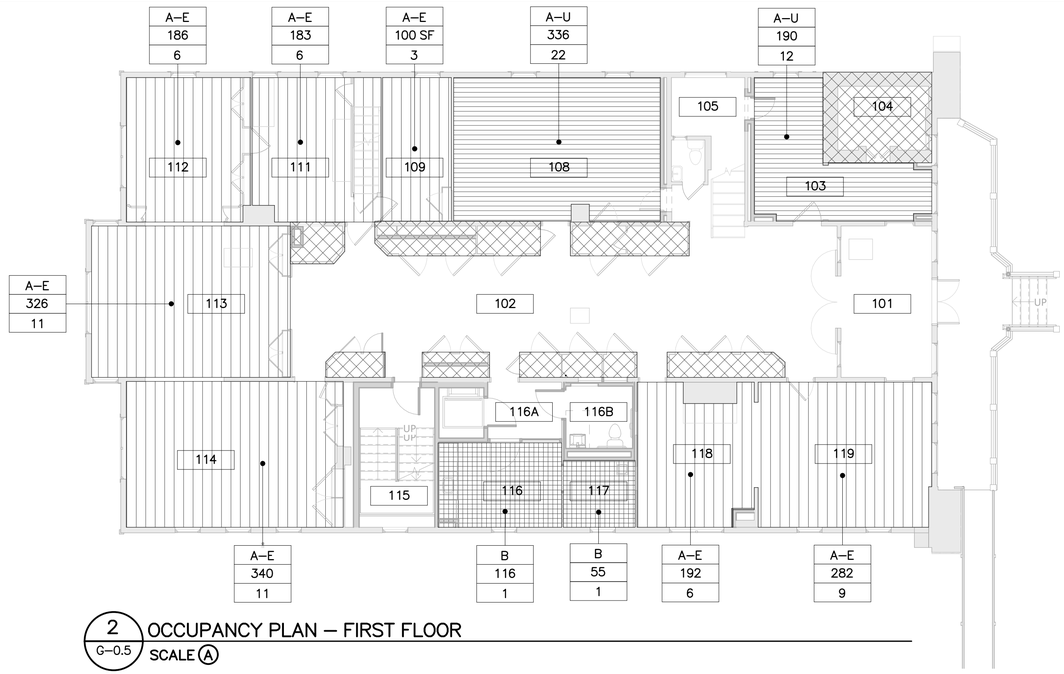
8 0 8 16
SCALE OF FEET

| | | | |
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1 G–0.5 OCCUPANCY PLAN – BASEMENT
SCALE Ⓐ



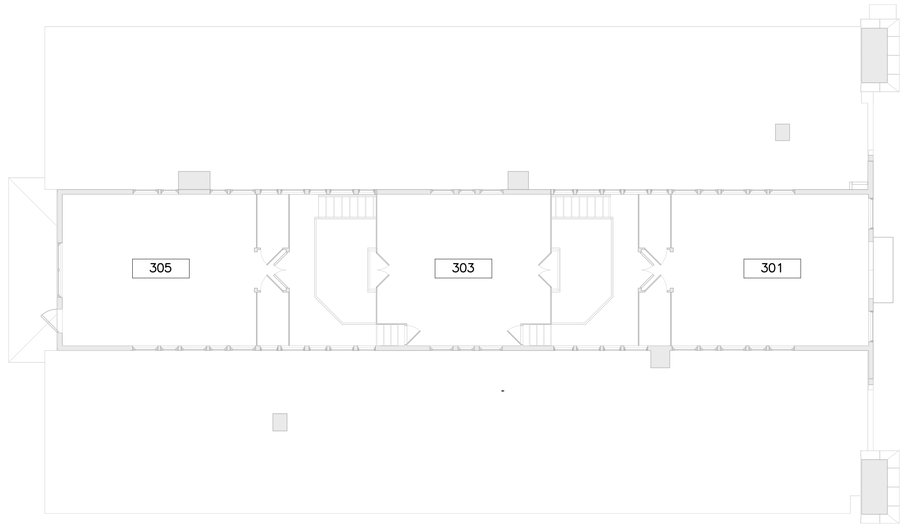

2 G–0.5 OCCUPANCY PLAN – FIRST FLOOR
SCALE Ⓐ

| FLOOR | OCCUPANTS |
|---|---|
| BASEMENT | 12 |
| FIRST FLOOR | 91 |
| SECOND FLOOR | 77 |
| THIRD FLOOR | 0 |
| BUILDING TOTAL | 180 |




ALL SECOND FLOOR SPACES HAVE LIMITED OCCUPANCY DUE TO STRUCTURAL LIVE LOAD CAPACITY

3 G–0.5 OCCUPANCY PLAN – SECOND FLOOR
SCALE Ⓐ




THE THIRD FLOOR WILL NOT BE OCCUPIED

4 G–0.5 OCCUPANCY PLAN – THIRD FLOOR
SCALE Ⓐ

## OCCUPANCY PLAN LEGEND

ASSEMBLY – EXHIBIT (A–E)
30 NET SF/OCCUPANT

ASSEMBLY – UNCONCENTRATED
(A–U), 15 NET SF/OCCUPANT

BUSINESS (B)
150 GROSS SF/OCCUPANT

MECHANICAL (M)
300 GROSS SF/OCCUPANT

STORAGE (S)
300 GROSS SF/OCCUPANT

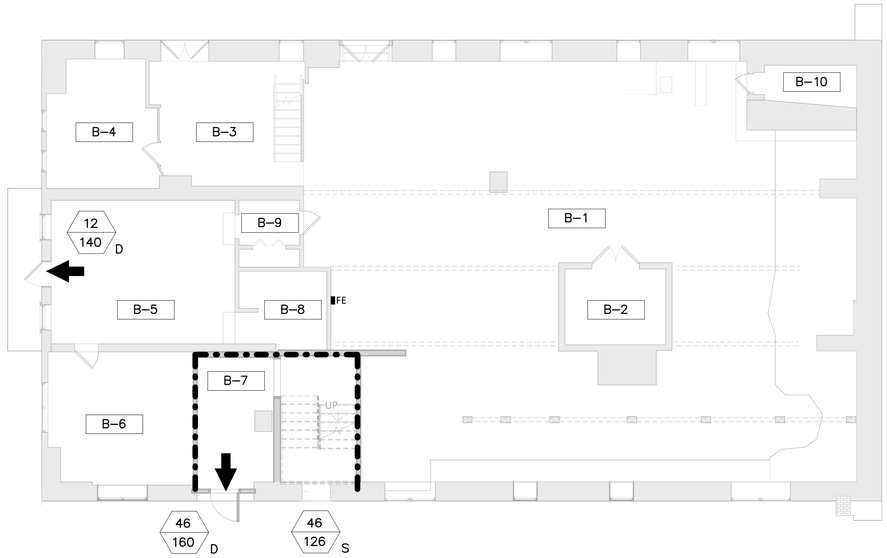
A–E
1000 SF
###

USE
OCCUPANCY AREA (SF)
# OF OCCUPANTS

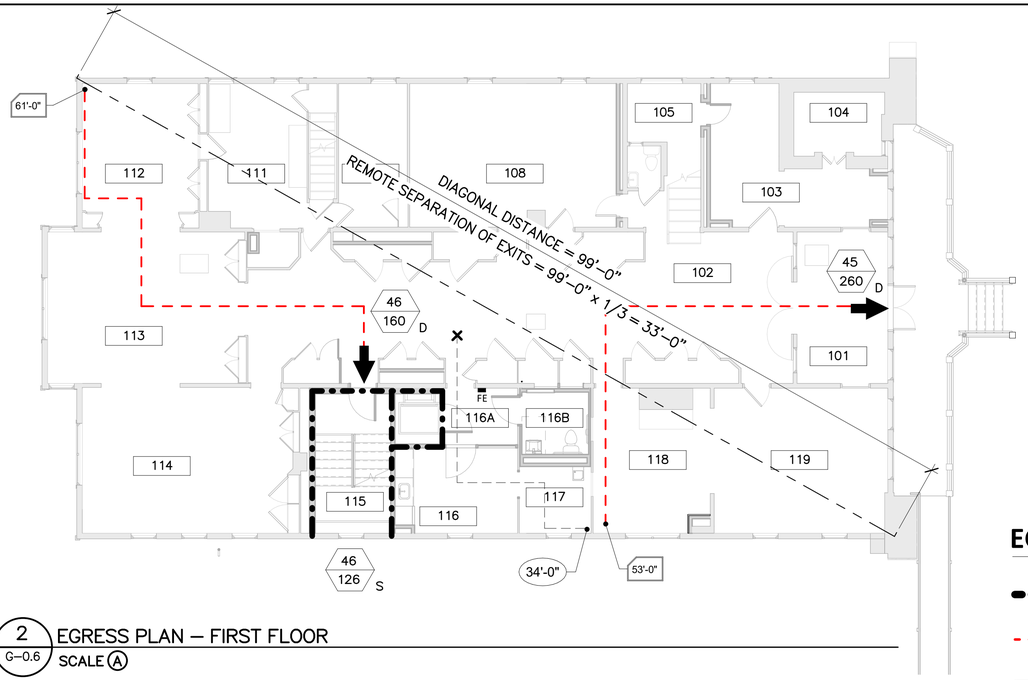
8 0 8 16
SCALE OF FEET

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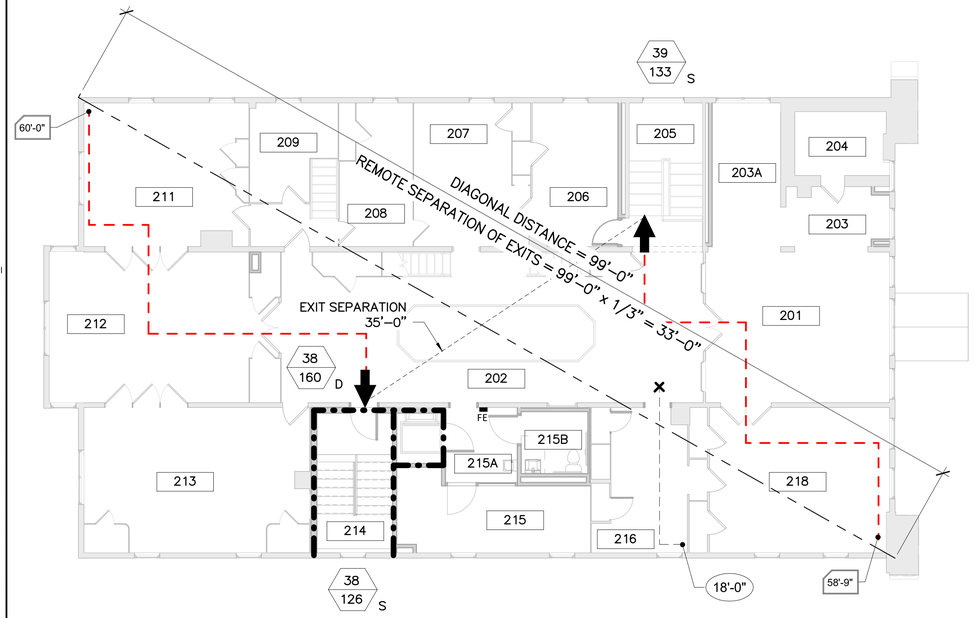
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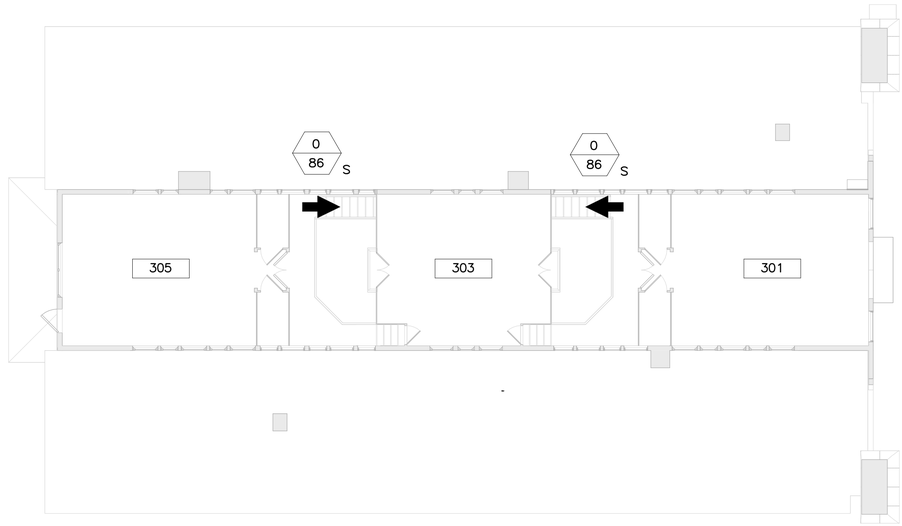

1 G–0.6 EGRESS PLAN – BASEMENT
SCALE A




2 G–0.6 EGRESS PLAN – FIRST FLOOR
SCALE A




3 G–0.6 EGRESS PLAN – SECOND FLOOR
SCALE A




THE THIRD FLOOR WILL NOT BE OCCUPIED

4 G–0.6 EGRESS PLAN – THIRD FLOOR
SCALE A

## EGRESS LEGEND

- 1 HOUR FIRE RESISTANT WALL
- PATH OF EGRESS
- DIAGONAL TRAVEL DISTANCE
- EGRESS POINT
- ### / ### — EGRESS TAG: CALCULATED EGRESS OCCUPANCY LOAD / COMPONENT CAPACITY
- 58'-9" — EXIT REMOTE TRAVEL DISTANCE
- ### — COMMON PATH OF TRAVEL
- COMMON PATH OF TRAVEL - END
- FE — FIRE EXTINGUISHER & CABINET

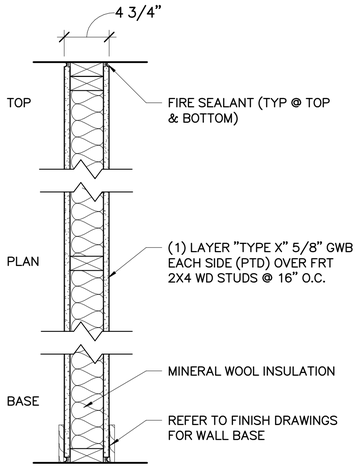
REFER TO SHEET G–0.5 FOR OCCUPANCY PLANS

| FLOOR | OCCUPANTS |
|---|---|
| BASEMENT | 12 |
| FIRST FLOOR | 91 |
| SECOND FLOOR | 77 |
| THIRD FLOOR | 0 |
| BUILDING TOTAL | 180 |

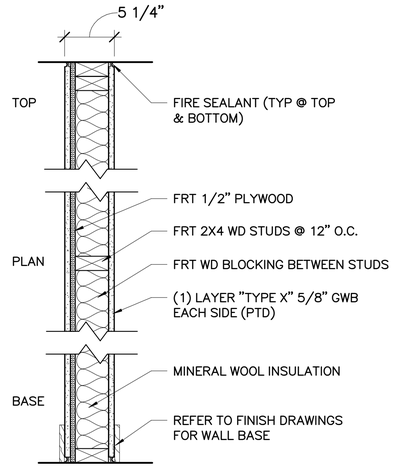
8 0 8 16
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: JA<br>CADD: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. G–0.6 | TITLE OF SHEET: EGRESS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 / 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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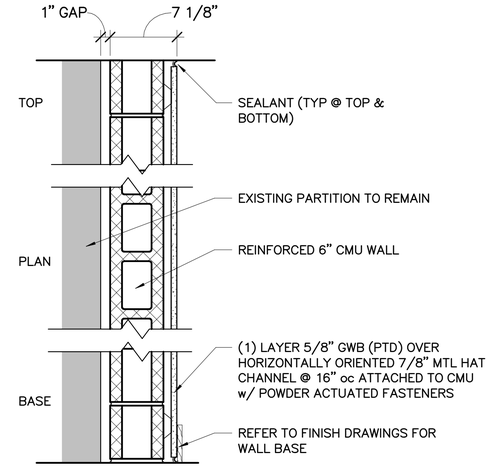



**1** 1 HR RATED – WD WALL ASSEMBLY



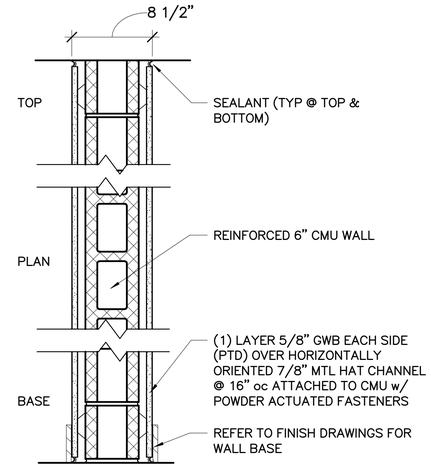

**2** 1 HR RATED – WD SHEAR WALL ASSEMBLY

– REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION



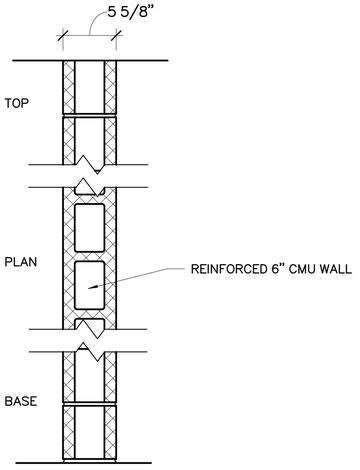

**3** 1 HR RATED – CMU SHEAR WALL ASSEMBLY

– REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
– DO NOT MECHANICALLY FASTEN TO EXISTING PARTITIONS
– INSERT NEOPRENE TO PROTECT EXISTING PARTITIONS AS NEEDED



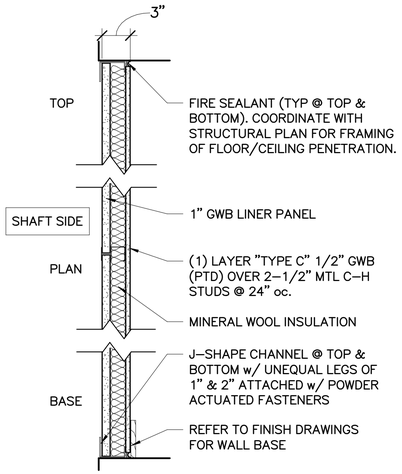

**3a** 1 HR RATED – CMU SHEAR WALL ASSEMBLY

– REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

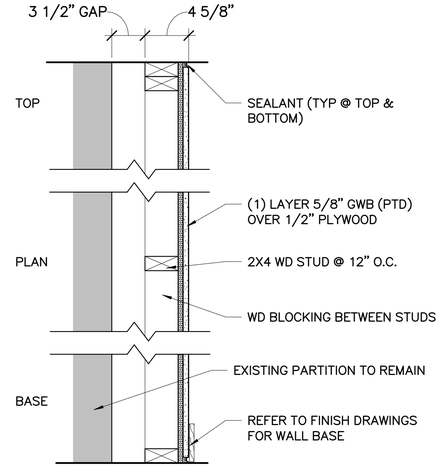



**3b** 1 HR RATED – CMU SHEAR WALL ASSEMBLY

– REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

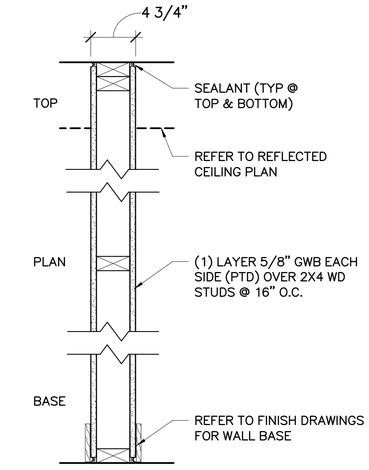



**4** 1 HR RATED – SHAFT WALL




**5** WD SHEAR WALL ASSEMBLY

– REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
– DO NOT MECHANICALLY FASTEN TO EXISTING PARTITIONS
– INSERT NEOPRENE TO PROTECT EXISTING PARTITIONS AS NEEDED

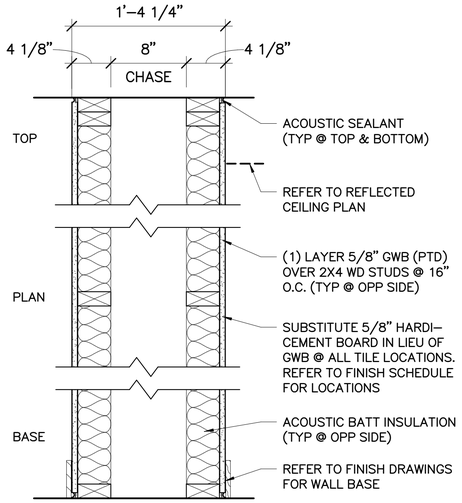



**6** WD WALL ASSEMBLY

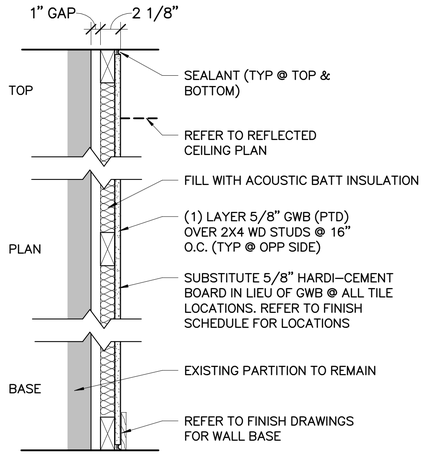
6a FILL PARTITION TYPE 6 WITH ACOUSTIC BATT INSULATION, AND SUBSTITUTE HARDI–CEMENT BOARD IN LIEU OF GWB @ ALL TILE LOCATIONS. REFER TO FINISH SCHEDULE FOR LOCATIONS.

| | | | |
|---|---|---|---|
| DESIGNED: JA<br>CADD: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO.<br>G-0.7 | TITLE OF SHEET<br>PARTITION TYPES<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895<br>179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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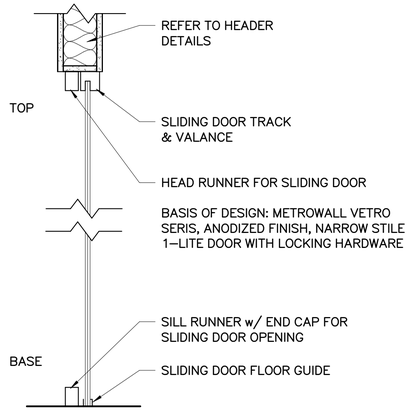



7 **WD CHASE WALL ASSEMBLY**

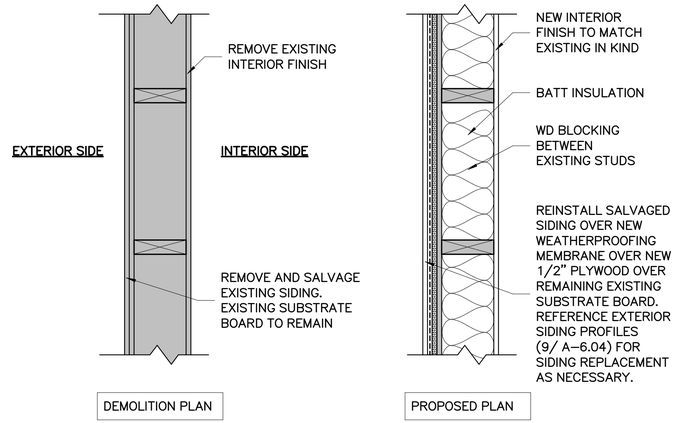



8 **WD "TURN DOWN" WALL ASSEMBLY**

– DO NOT MECHANICALLY FASTEN TO EXISTING PARTITIONS
– INSERT NEOPRENE TO PROTECT EXISTING PARTITIONS AS NEEDED



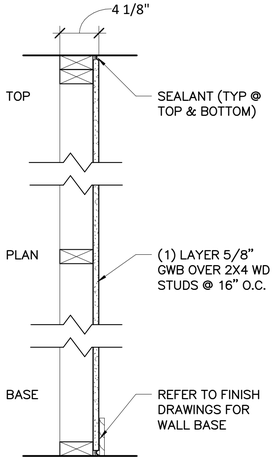

9 **GLASS WALL ASSEMBLY**




10 **MODIFICATIONS AT SOUTH EXTERIOR PARTITIONS (INSULATION AND SHEAR)**

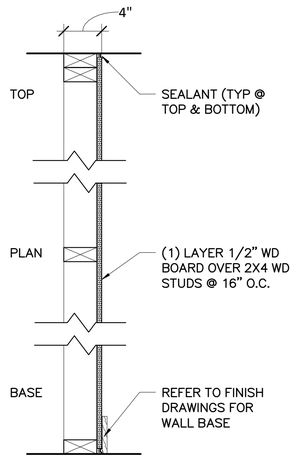
– REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

10a – REFER TO PARTITION TYPE 10. NO EXTERIOR SIDING SCOPE OR BLOCKING BETWEEN STUDS.

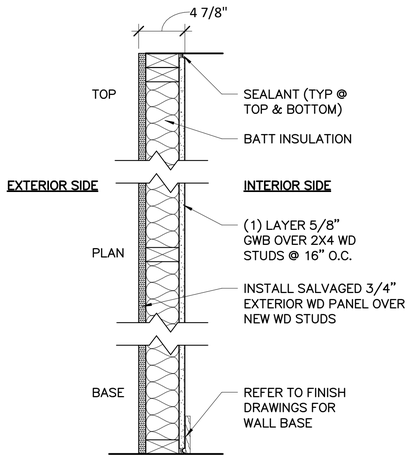



11 **WD CHASE WALL ASSEMBLY**

11a – FILL PARTITION TYPE 11 WITH ACOUSTIC BATT INSULATION




12 **WD BOARD CHASE WALL ASSEMBLY**




13 **EXTERIOR BOARD WALL ASSEMBLY**

– REFER TO DEMOLITION PLAN

| | | | |
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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. G-0.8 | TITLE OF SHEET<br>PARTITION TYPES<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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GENERAL SITE NOTES:

1. EXISTING TOPOGRAPHY IS BASED ON A PLAN TITLED "CLARA BARTON – BOUNDARY, TOPO, AND TREE SURVEY" PREPARED BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, DATED 08/04/2022.

2. THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF THE CO IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITEWORK CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.

3. THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE CO MAKES NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY INFORMATION THAT WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL: MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS; CORRELATE CONDITIONS WITH THE DRAWINGS; AND, RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE CO PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL PERFORM ADDITIONAL TOPOGRAPHIC SURVEYS HE/SHE DEEMS NECESSARY, PROVIDED THEY ARE COORDINATED WITH THE CO. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT ARE NOT BROUGHT TO THE ATTENTION OF THE CO PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE CO.

4. THE CONTRACTOR SHALL, WHEN HE/SHE DEEMS NECESSARY, PROVIDE A WRITTEN REQUEST FOR INFORMATION (RFI) TO THE CO AND/OR CO'S DESIGNATED REPRESENTATIVE, PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITEWORK ITEM. THE (RFI) SHALL BE IN A FORM ACCEPTABLE TO CO AND/OR CO'S DESIGNATED REPRESENTATIVE, AND SHALL ALLOW FOR A MINIMUM OF THREE WORK DAYS FOR A WRITTEN REPLY. RFIS SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITEWORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.

5. INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING FINISHED FLOOR ELEVATIONS, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO BID. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CO IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO BID.

6. THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.

7. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ALL CONSTRUCTION STAKEOUT FOR THIS PROJECT MUST BE COMPLETED FROM THE SITE SPECIFIC SURVEY CONTROL (HORIZONTAL AND VERTICAL) UPON WHICH THE DESIGN IS BASED. THE CONTRACTOR SHOULD NOT RELY ON OR RE-ESTABLISH SURVEY CONTROL BY GPS OR OTHER METHODS FOR USE IN CONSTRUCTION STAKEOUT OR ANY OTHER PURPOSE FOR THIS PROJECT. ANY DISCREPANCIES BETWEEN THE EXISTING HORIZONTAL OR VERTICAL DATA SHOWN ON THESE DRAWINGS AND THAT ENCOUNTERED IN THE FIELD MUST BE REPORTED TO THE DESIGN TEAM PRIOR TO CONSTRUCTION FOR RESOLUTION.

DEMOLITION NOTES:

1. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON FIELD MEASUREMENTS AND VARIOUS RECORDS.

2. THE CONTRACTOR SHALL INSPECT THE SITE THOROUGHLY AND FIELD-VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES. CONTRACTORS USING THESE PLANS FOR DEMOLITION OR CONSTRUCTION SHALL CONFIRM ALL UTILITIES IN THE FIELD TO ESTABLISH LOCATIONS, SIZES, MATERIALS AND ELEVATIONS.

3. THE CONTRACTOR SHALL CONSTRUCT ALL TEMPORARY FACILITIES AND SERVICES NECESSARY TO SATISFY MARYLAND REQUIREMENTS AND DEPARTMENTS, INCLUDING BUT NOT LIMITED TO, PAVEMENT REPAIR, FENCING, PEDESTRIAN AND VEHICLE ACCESS, ETC.

4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES, INCLUDING BUT NOT LIMITED TO SIGNS, LIGHTS, FENCES, BARRIERS, AND PEDESTRIAN AND TRAFFIC CONTROL MEASURES DURING DEMOLITION.

5. THE CONTRACTOR SHALL REMOVE AND PROPERLY BACKFILL ALL UNDERGROUND UTILITIES AND STORM DRAINS INDICATED TO BE DEMOLISHED ON THE PLAN. THE CONTRACTOR SHALL VERIFY THE UTILITY OR STORM DRAIN TO BE DEMOLISHED IS NO LONGER IN USE PRIOR TO DEMOLITION.

6. EXISTING FOUNDATIONS AND FOOTINGS ASSOCIATED WITH STRUCTURES AND SITE ELEMENTS TO BE DEMOLISHED, SUCH AS BUILDINGS, GATES AND FENCING, SHALL BE COMPLETELY REMOVED.

7. RECYCLED CONCRETE OR ASPHALT MAY NOT BE USED FOR FILL.

8. REMOVED UTILITIES, PIPES, SIDEWALKS, CURBS, AND ALL OTHER DEMOLITION DEBRIS THAT ARE TO BE REMOVED (NOT RELOCATED) SHALL BE DISPOSED OF OFF SITE IN ACCORDANCE WITH LOCAL REGULATIONS.

MARYLAND DEPARTMENT OF THE ENVIRONMENT EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY MDE AT (410) 537-3510 SEVEN (7) DAYS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY MDE, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES AND A REPRESENTATIVE OF MDE.

2. THE CONTRACTOR SHALL NOTIFY MDE IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:
   A. THE REQUIRED PRE-CONSTRUCTION MEETING.
   B. FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
   C. DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORMWATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN). NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.
   D. PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
   E. PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
   F. PRIOR TO FINAL ACCEPTANCE.

3. THE PLAN APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS OF MDE AND THE AGENCY RESPONSIBLE FOR THE PROJECT.

4. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE MDE INSPECTOR PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES. MINOR SEDIMENT CONTROL DEVICE LOCATION ADJUSTMENTS MAY BE MADE IN THE FIELD WITH THE APPROVAL OF THE MDE INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURE WITHOUT PRIOR PERMISSION FROM MDE INSPECTOR. THE CONTRACTOR SHALL OBTAIN PRIOR AGENCY AND MDE APPROVAL FOR MODIFICATIONS TO THE EROSION AND SEDIMENT CONTROL PLAN AND/OR SEQUENCE OF CONSTRUCTION.

5. THE MDE INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.

6. THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.

7. THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM THE MDE INSPECTOR.

8. EROSION AND SEDIMENT CONTROL FOR UTILITY CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH APPROVED PLANS. UTILITY CONSTRUCTION SHALL ONLY BE FOR AREAS WITHIN THE DELINEATED LIMIT OF DISTURBANCE. CALL "MISS UTILITY" AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK. WHEN SAME DAY STABILIZATION IS APPROVED:
   A. EXCAVATED TRENCH MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH.
   B. TRENCHES FOR UTILITY INSTALLATION SHALL BE BACKFILLED, COMPACTED, AND STABILIZED AT THE END OF EACH WORKING DAY. NO MORE TRENCH SHALL BE OPENED THAN CAN BE COMPLETED THE SAME DAY.

9. ALL WATER REMOVED FROM EXCAVATED AREAS SHALL BE PASSED THROUGH AN MDE APPROVED DEWATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE TO A FUNCTIONAL STORM DRAIN SYSTEM OR TO STABLE GROUND SURFACE.

10. CONCRETE WASHOUT STRUCTURES SHALL BE USED WHEN CONCRETE TRUCKS, DRUMS, PUMPS, CHUTES, OR OTHER EQUIPMENT IS RINSED OR CLEANED ON-SITE.

11. CONSTRUCTION ACTIVITIES PRODUCING DUST SHALL IMPLEMENT CONTROL MEASURES TO AVOID THE SUSPENSION OF DUST PARTICLES AND/OR PREVENT DUST FROM BLOWING OFF-SITE OR TO AREAS WITHOUT TREATMENT.

12. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
   A. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
   B. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

13. VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING, AND GROUND COVERS.

14. WHEN SEEDING, ALL DISTURBED AREAS WITH SLOPES FLATTER THAN 2:1 SHALL BE STABILIZED WITH 4 INCHES OF TOPSOIL, SEED, AND MULCH. ALL DISTURBED AREAS WITH SLOPES 2:1 OR STEEPER SHALL BE STABILIZED WITH MATTING OVER 2 INCHES OF TOPSOIL AND SEED.

15. ALL SEDIMENT BASINS, TRAP EMBANKMENTS AND SLOPES, PERIMETER DIKES, SWALES AND ALL DISTURBED SLOPES STEEPER OR EQUAL TO 3:1 SHALL BE STABILIZED WITH SEED AND ANCHORED STRAW MULCH, SOD, OR OTHER APPROVED STABILIZATION MEASURES, AS SOON AS POSSIBLE BUT NO LATER THAN THREE (3) CALENDAR DAYS AFTER ESTABLISHMENT. ALL AREAS DISTURBED OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL BE MINIMIZED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.

16. PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SEED AND AN APPROVED EROSION CONTROL MATTING, SOD, RIP-RAP, OR OTHER APPROVED STABILIZATION MEASURES.

17. FOR STOCKPILE SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1), THE CONTRACTOR SHALL APPLY SEED AND ANCHORED STRAW MULCH, SOD, OR OTHER APPROVED STABILIZATION MEASURES TO THE FACE OF THE STOCKPILE WITHIN THREE (3) CALENDAR DAYS OF ACTIVITY HAVING CEASED ON THE RESPECTIVE FACE. FOR SLOPES 3:1 OR FLATTER, THE CONTRACTOR SHALL APPLY STABILIZATION MEASURES TO THE FACE OF THE STOCKPILE WITHIN SEVEN (7) CALENDAR DAYS OF ACTIVITY HAVING CEASED ON THE RESPECTIVE FACE. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.

18. FOR FINISHED GRADING, THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS TO PREVENT WATER FROM PONDING FOR MORE THAN TWENTY-FOUR (24) HOURS AFTER THE END OF A RAINFALL EVENT. DRAINAGE COURSES AND SWALE FLOW AREAS MAY TAKE AS LONG AS FORTY-EIGHT (48) HOURS AFTER THE END OF A RAINFALL EVENT TO DRAIN. AREAS DESIGNED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.

19. WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL BUILDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENTS. WHERE SAFETY FENCE IS DEEMED APPROPRIATE AND LOCAL ORDINANCES DO NOT SPECIFY FENCING SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE SHALL BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE SHALL BE MAINTAINED AND IN GOOD CONDITION AT ALL TIMES.

20. ALL SEDIMENT TRAP DEPTH DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS SHALL HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS.

21. SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTLET.

22. SEDIMENT REMOVED FROM TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND OR TREE-SAVE AREA. WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE SHALL BE DIRECTED TO AN MDE APPROVED SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.

23. PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING SOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE, BUT NOT LATER THAN THREE (3) CALENDAR DAYS AFTER ESTABLISHMENT FOR SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND SEVEN (7) CALENDAR DAYS FOR FLATTER SLOPES. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF NOVEMBER THROUGH FEBRUARY, AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND ANCHORED STRAW MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MARCH 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.

24. TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED WITH PERMISSION OF THE MDE INSPECTOR WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. UPON REMOVAL OF SEDIMENT CONTROL DEVICES, THE AREA DISTURBED BY REMOVAL SHALL BE STABILIZED WITH TOPSOIL, SEED, AND MULCH, OR AS SPECIFIED, WITHIN 24 HOURS OF SAID REMOVAL. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.

25. OFF-SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY SHALL HAVE PRIOR APPROVAL BY MDE AND OTHER APPLICABLE STATE, FEDERAL, AND LOCAL AGENCIES; OTHERWISE APPROVAL SHALL BE GRANTED BY THE LOCAL AUTHORITIES. ALL WASTE AND BORROW AREAS OFF-SITE SHALL BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.

26. SITE INFORMATION:
   A. AREA DISTURBED 0.17 ACRES
   B. TOTAL CUT 37 CUBIC YARDS
   C. TOTAL FILL 18 CUBIC YARDS
   D. OFF-SITE WASTE / BORROW AREA LOCATION _____

GRADING AND DRAINAGE NOTES:

1. ONCE EXISTING UTILITIES TO REMAIN ARE LOCATED, ANY POTENTIAL CONFLICTS WITH OTHER UTILITIES, RELOCATED UTILITY POLES, ETC. SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL ALL THE APPROPRIATE UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAYS AT LEAST 72 HOURS BEFORE ANY EXCAVATION OR GRADING TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, UTILITY LOCATIONS, DEPTHS AND INVERTS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN BY THESE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF LANGAN ENGINEERING. CALL BEFORE YOU DIG- 1-800-272-1000.

3. ADJUST ALL EXISTING AND PROPOSED UTILITY FRAMES, GRATES, MANHOLE COVERS, VALVE BOXES, ETC. TO BE FLUSH WITH THE PROPOSED SURFACE ELEVATIONS WITHIN THE LIMITS OF CONSTRUCTION.

4. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.

5. ALL STORM DRAINAGE PIPES ARE TO BE AS SPECIFIED ON THE PLANS:

- HIGH-DENSITY POLYETHYLENE PIPE (HDPE): AASHTO M294 TYPE S FOR PIPE AND FITTINGS. MATERIAL SHALL MEET ASTM 01298 TYPE III, CATEGORY 4, GRADE P33, CLASS C, OR ASTM D3350 CELL CLASSIFICATION 324420C. PIPE SHALL BE SURE-LOK 10.8 PIPE MANUFACTURED BY HANCOR, INC. WITH WATERTIGHT JOINTS ACCORDING TO THE REQUIREMENTS OF ASTM D3212 OR APPROVED EQUIVALENT. INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM 02321.

6. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES WITHIN DRIVEWAY AREAS SHALL MEET HEAVY DUTY TRAFFIC (HS20) LOADING AND BE INSTALLED ACCORDINGLY.

7. SITE FILL SHALL CONSIST OF MATERIAL FROM APPROVED ONSITE SOURCES OR APPROVED OFFSITE MATERIAL. THE GEOTECHNICAL ENGINEER WILL REVIEW AND APPROVE ALL MATERIALS.

8. PROOF ROLL ALL CUT AREAS. PLACE AND COMPACT APPROVED FILL MATERIALS IN 12-INCH MAXIMUM LOOSE LIFTS USING AT LEAST 6 PASSES WITH, AT MINIMUM, A 5 TON STATIC DRUM WEIGHT VIBRATORY ROLLER. COMPACT TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.

9. PIPE BEDDING MATERIAL SHALL BE AASHTO NO. 67 PROCESSED SAND AND GRAVEL FREE FROM DEBRIS, CLAY LUMPS, ORGANIC, OR OTHER DELETERIOUS MATERIALS, AND COMPLYING WITH THE FOLLOWING GRADATION REQUIREMENTS:

10. NO TOPSOIL SHALL BE REMOVED FROM THE SITE OR USED AS SPOIL. REMOVED TOPSOIL MUST BE REDISTRIBUTED THROUGHOUT THE SITE AND UTILIZED AS SUCH.

11. ANY STORMWATER FACILITIES SHOWN TO REMAIN SHOULD BE INSPECTED, REPAIRED AND CLEANED AS NECESSARY.

12. ALL INLETS SHALL BE TYPE 'B' EXCEPT AS OTHERWISE INDICATED.

13. BACKFILLING SHALL BE DONE IN ONE FOOT THICK MAXIMUM LOOSE LIFTS. EACH LIFT SHALL BE COMPACTEDUSING A MINIMUM OF 6 PASSES WITH A 5 TON STATIC DRUMWEIGHT VIBRATORY ROLLER TO OBTAIN A MINIMUM OF 95% OF THE SOIL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D1557, MODIFIED PROCTOR METHOD.

14. OFF SITE FILL MATERIAL SHOULD CONSIST OF WELL GRADED SAND AND/OR GRAVEL HAVING NOT MORE THAN 15% BY DRY WEIGHT PASSING THE NO. 200 SIEVE. ALL IMPORTED FILL SHOULD BE FREE OF ORGANICS AND OTHER DELETERIOUS MATERIALS, AND SHOULD HAVE A MAXIMUM PARTICLE SIZE OF NO GREATER THAN 3 INCHES. ANY IMPORTED FILL PROPOSED FOR USE AT THE SITE SHOULD BE FREE OF ALL HAZARDOUS SUBSTANCES AS LISTED BY THE NJDEP IN NJAC TITLE 7(CHAPTER 1E, APPENDIX A) AND SHOULD NOT CONTAIN SUBSTANCES IN LEVELS WHICH EXCEED THE MOST RECENT NJDEP SOIL CLEANUP CRITERIA. THE CONTRACTOR SHOULD PROVIDE DOCUMENTATION OF COMPLIANCE PRIOR TO DELIVERY OF ANY FILL TO THE SITE. GRAIN-SIZE DISTRIBUTION, MAXIMUM DRY DENSITY AND THE OPTIMUM MOISTURE CONTENT DETERMINATIONS SHOULD BE MADE ON RESPECTIVE SAMPLES OF THE BACKFILL MATERIALS PROPOSED BY THE CONTRACTOR.

15. ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STORMWATER STANDARDS AND SPECIFICATIONS OF PRINCE GEORGE'S COUNTY DEPARTMENT OF ENVIRONMENTAL RESOURCES, UNLESS OTHERWISE NOTED.

16. FOR TYPES OF STRUCTURES REFER TO THE LATEST STORMWATER MANAGEMENT STANDARD DETAILS, DER (SWMSD), UNLESS OTHERWISE NOTED.

17. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILIABLE RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE UTILITIES BY DIGGING TEST PITS AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED, CONTACT THE ENGINEER, AND THE OWNER OF OTHER INVOLVED UTILITY BEFORE PROCEEDING WITH CONSTRUCTION.

18. ALL STORM DRAIN PIPES MUST HAVE A MINIMUM OF 1 FOOT COVER.

19. ALL INLET TOP SLAB FRONT FACES SHALL BE PAINTED WITH THE FOLLOWING CHESAPEAKE BAY DRAINAGE, "DON'T DUMP"(STANDARD 82.0).

20. ALL GRADING, DRAINAGE, AND UTILITY INSTALLATION AND/OR CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS OR LOCAL REQUIREMENTS. SHOULD A DIFFERENCE IN REQUIREMENTS OCCUR, THE STRICTER OF THE TWO REGULATIONS WILL APPLY.

21. SITE GRADING SHALL NOT PROCEED UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

22. EXISTING GRADES ARE TO REMAIN THE SAME IN AREAS WHERE NO PROPOSED GRADING IS SHOWN.

DAMAGE TO EXISTING STRUCTURES:

THE CONTRACTOR SHALL IDENTIFY, PROTECT, PRESERVE, ALL EXISTING STRUCTURES, AND OTHER ITEMS TO REMAIN. THE CONTRACTOR IS RESPONSIBLE FOR ANY OR ALL DAMAGES TO THE STRUCTURES, UTILITIES, AND OTHER ITEMS DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR DAMAGED ITEMS TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

MISS UTILITY NOTES:

FOR LOCATION OF UTILITIES, CALL "MISS UTILITY" AT 1-800-257-7777. OR LOG ON TO WWW.MISSUTILITY.NET/ITIC 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDER GROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL JURISDICTIONAL REQUIREMENTS.

UTILITIES:

PRIOR TO START OF CONSTRUCTION, CONTRACTOR MUST NOTIFY "MISS UTILITY" 48 HOURS IN ADVANCE FOR THE EXACT LOCATION OF UTILITIES LOCATED ON THE SITE.

ALL EXISTING UTILITIES ON THE SITE, IF AFFECTED BY THE CONSTRUCTION, MUST BE PROTECTED AND TEMPORARILY SUPPORTED DURING CONSTRUCTION, ANY DAMAGE INCURRED TO THE UTILITIES MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE, UTILITY RELOCATION IF NECESSARY, SHALL BE COORDINATED WITH THE AGENCIES INVOLVED.

APPLICABLE CODES AND STANDARDS

- NPS ACCESSIBLE ROUTE DESIGN STANDARDS
- ABAAS DESIGN STANDARDS
- MDE STORMWATER MANAGEMENT REQUIREMENTS
- MDE SOIL EROSION AND SEDIMENT CONTROL REQUIREMENTS

SIDEWALKS AND RAMPS:

NPS RECOMMEDS USING THE ACI STANDARDS FOR SIDEWALKS AND RAMPS. HOWEVER TO REMAIN BELOW THE 5,000SF THRESHOLD AND AVOID TRIGGERING SWM REQUIREMENTS, A COMBINATION OF ACI AND ABAAS STANDARDS HAS BEEN USED IN THIS PROJECT. THE TABLE BELOW SUMMARIZES THE PARAMETERS FOR BOTH STANDARDS:

DSC DESIGN SLOPE / CROSS-SLOPE REQUIREMENTS

| | **ABAAS Construction Maximums** ± 0 Construction Tolerance | NPS-**DSC Design Requirements** ACI Recommendations |
|---|---|---|
| Ramps | 1:12 = 8.33% | 1:13.3 = 7.5% MAX |
| Walking Surfaces | 1:20 = 5.00% | 1:25 = 4.0% MAX |
| Parking | 1:48 = 2.00% | 1:66.6 = 1.5% MAX |
| 'Level Areas' e.g. landings, parking access aisles, turning spaces, etc. | 1:48 = 2.00% | 1:66.6 = 1.5% MAX |
| Cross-Slope | 1:48 = 2.00% | 1:66.6 = 1.5% MAX |

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

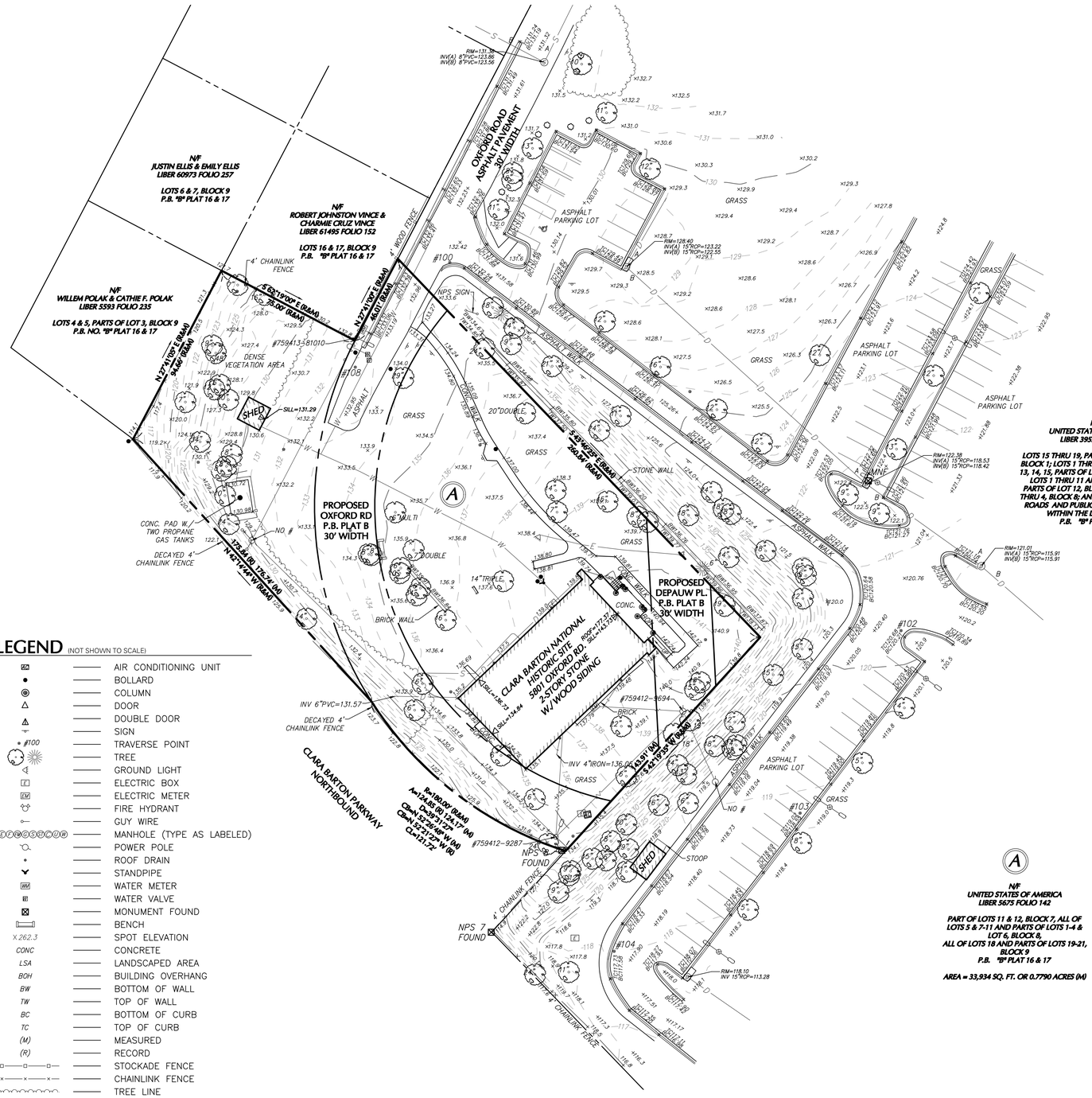
SUB SHEET NO. G-1.0

TITLE OF SHEET
GENERAL NOTES

CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 1 OF 16

Filename: c:\bms\langan-pw-01\d0656837\CP01-270128401-D501-CS001-D102.dwg Date: 10/2025 Time: 16:56 User: msmith Layout: G1 GENERAL NOTES




## LEGEND (NOT SHOWN TO SCALE)

- AIR CONDITIONING UNIT
- BOLLARD
- COLUMN
- DOOR
- DOUBLE DOOR
- SIGN
- #100 — TRAVERSE POINT
- TREE
- GROUND LIGHT
- ELECTRIC BOX
- ELECTRIC METER
- FIRE HYDRANT
- GUY WIRE
- MANHOLE (TYPE AS LABELED)
- POWER POLE
- ROOF DRAIN
- STANDPIPE
- WATER METER
- WATER VALVE
- MONUMENT FOUND
- BENCH
- X.262.3 — SPOT ELEVATION
- CONC — CONCRETE
- LSA — LANDSCAPED AREA
- BOH — BUILDING OVERHANG
- BW — BOTTOM OF WALL
- TW — TOP OF WALL
- BC — BOTTOM OF CURB
- TC — TOP OF CURB
- (M) — MEASURED
- (R) — RECORD
- STOCKADE FENCE
- CHAINLINK FENCE
- TREE LINE
- OVERHEAD WIRE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- 322 — CONTOUR LINE
- D — DRAINAGE MARK OUT LINE
- E — ELECTRIC MARK OUT LINE
- G — GAS MARK OUT LINE
- S — SANITARY SEWER MARK OUT LINE
- W — WATER MARK OUT LINE

## NOTES:

1. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO NAD83 MARYLAND STATE PLANE COORDINATE SYSTEM.
2. ELEVATIONS SHOWN ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NGVD88).
3. TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC. DURING JULY, 2022.
4. WETLANDS, ENVIRONMENTAL AND/OR HAZARDOUS MATERIALS LOCATION, IF ANY, NOT COVERED UNDER THIS CONTRACT.
5. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND THE LOCATIONS WHERE DATA WAS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE THE SURVEYOR CANNOT AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.

   ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS,

   UNLESS SPECIFICALLY NOTED HEREON THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.

   PRIOR TO ANY DESIGN OR CONSTRUCTION THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.

   SUPPLEMENTAL DOCUMENTS WERE NOT USED TO COMPILE THE SUBSURFACE UTILITY INFORMATION SHOWN HEREON.
6. THIS PLAN NOT VALID UNLESS EMBOSSED WITH THE SEAL OF THE PROFESSIONAL.
7. ALL CURBS SHOWN ON SURVEY ARE CONCRETE.
8. ALL TREES SHOWN ON SURVEY ARE ABOVE 6 INCHES, TREES BELOW 6 INCHES ARE NOT SHOWN AS REQUESTED.

| SURVEY CONTROL MONUMENTS | | | | |
|---|---|---|---|---|
| Point | Northing | Easting | Elevation | Description |
| 100 | 473888.456 | 1272265.518 | 132.61 | MAG NAIL SET |
| 102 | 473705.253 | 1272490.153 | 120.31 | MAG NAIL SET |
| 103 | 473614.458 | 1272439.911 | 118.74 | MAG NAIL SET |
| 104 | 473545.680 | 1272347.319 | 117.97 | MAG NAIL SET |
| 108 | 473836.338 | 1272218.473 | 132.71 | MAG NAIL SET |

30 0 30 60
SCALE OF FEET

MD NAD83/91

FIDEL GONZALEZ
LICENSED SURVEYOR
MARYLAND NO. 21590
FOR LANGAN

DESIGNED: —
CADD: K. BENITEZ
TECH. REVIEW: E. DONATE
DATE: 11/28/2022

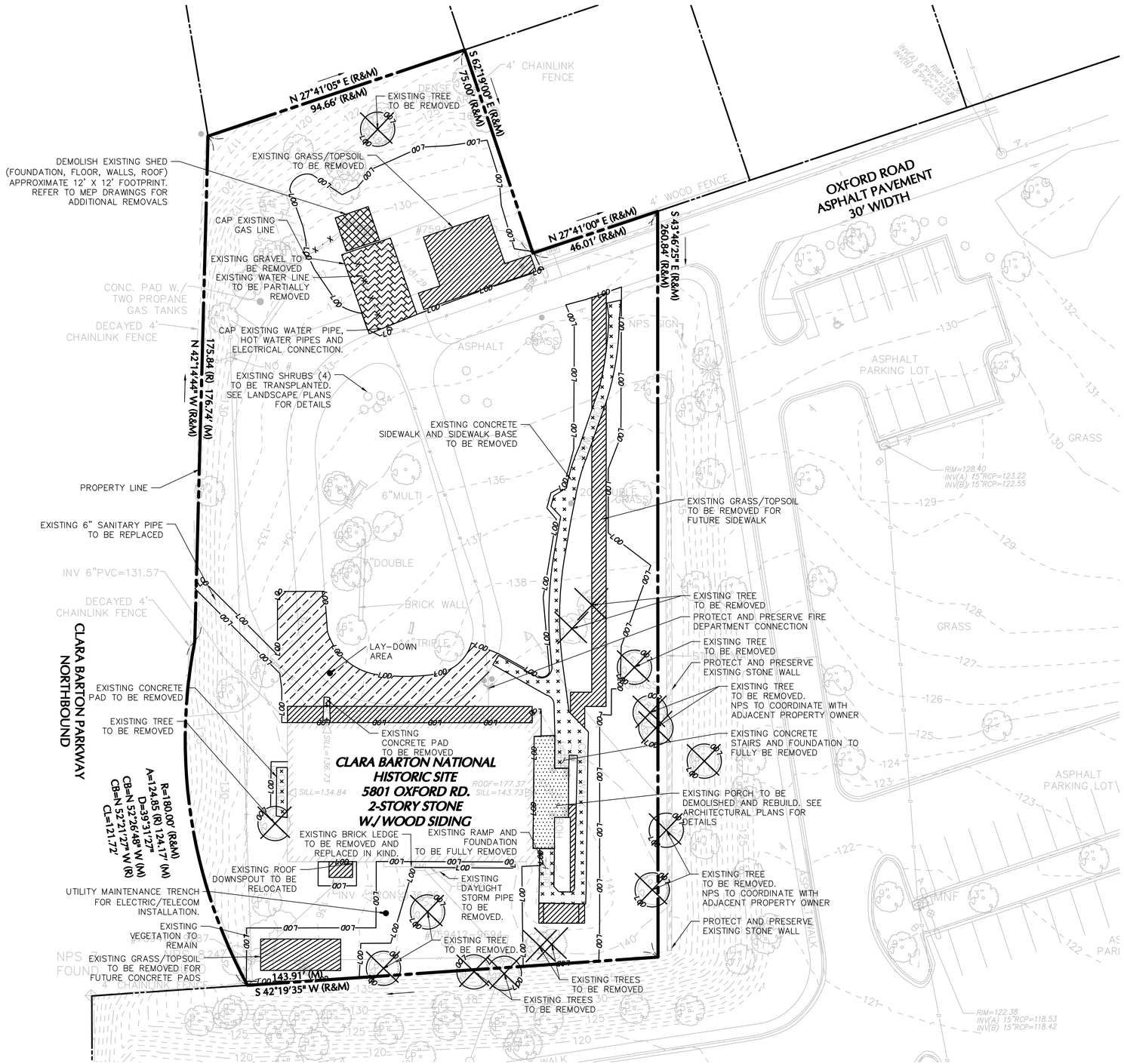
SUB SHEET NO.

TITLE OF SHEET
BOUNDARY, TOPOGRAPHIC UTILITY & TREE SURVEY
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE
CLBA

DRAWING NO. —
PMIS/PKG NO. 312325
SHEET 2 OF 16

FOUO– LAW ENFORCEMENT SENSITIVE

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DEMOLITION PLAN LEGEND

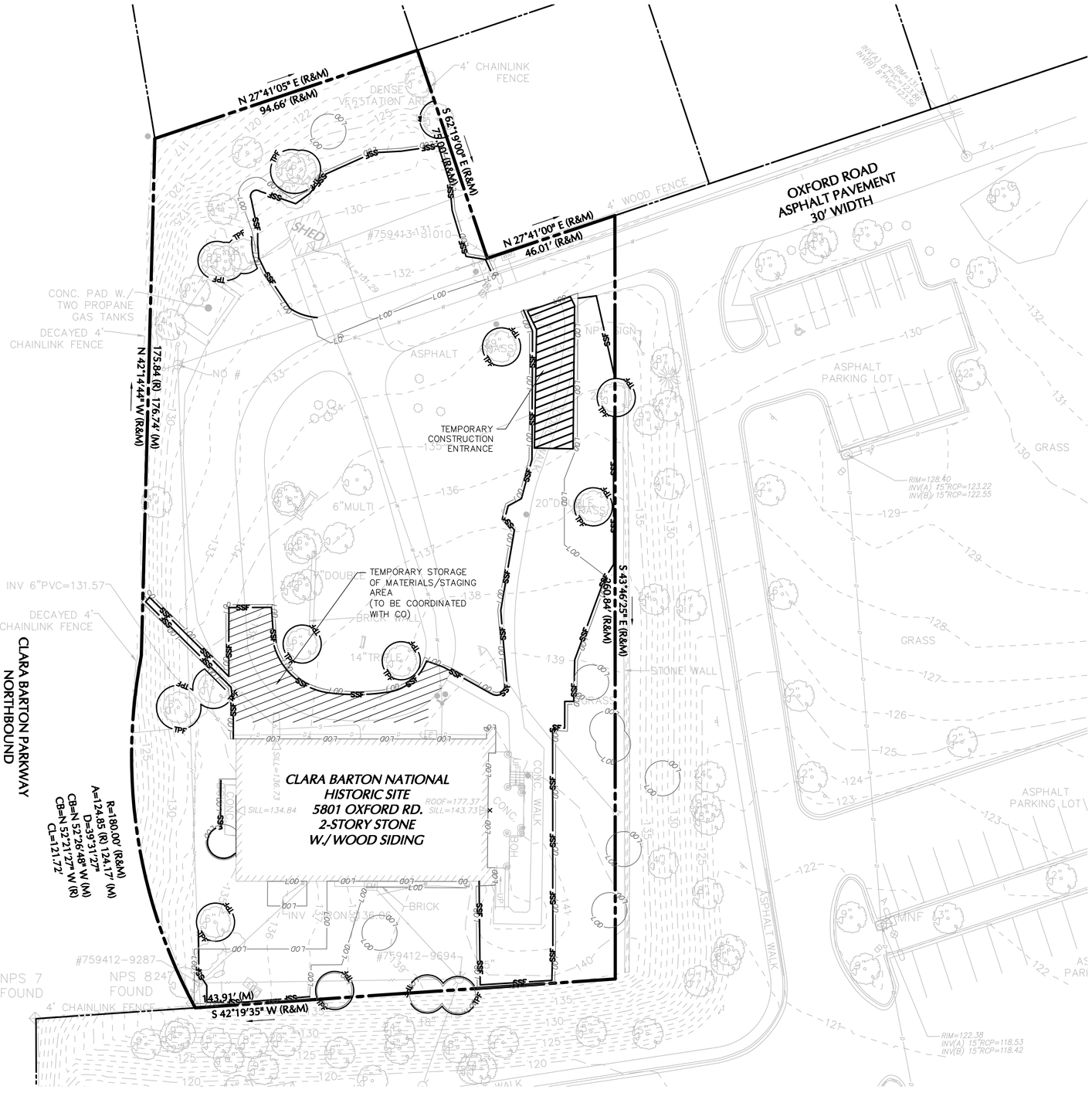
- PROPERTY LINE
- LOD — LIMIT OF DISTURBANCE
- CONSTRUCTION LAY-DOWN AREA
- EXISTING UTILITY LINE TO BE REMOVED AND CAP
- CONCRETE TO BE REMOVED
- GRASS/TOPSOIL TO BE REMOVED
- EXISTING PORCH TO BE DEMOLISHED AND REBUILD
- EXISTING WOOD SHED TO BE DEMOLISHED
- EXISTING GRAVEL TO BE DEMOLISHED
- TREE AND TREE STUMPS TO BE REMOVED

SCALE Ⓐ 20 0 20 40
SCALE OF FEET

## 1 DEMOLITION PLAN
SCALE Ⓐ

| | | | | |
|---|---|---|---|---|
| RYAN LINTHICUM<br>PROFESSIONAL ENGINEER<br>MARYLAND NO. 34097 | DESIGNED: J. OSORIO<br>DRAWN: J. CANCHAN<br>TECH. REVIEW: OSORIO/LINTHICUM<br>DATE: 01/10/2025 | SUB SHEET NO. C-1.0 | TITLE OF SHEET<br>DEMOLITION PLAN<br>CLARA BARTON<br>NATIONAL HISTORIC SITE<br>CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET 3 OF 16 |

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## EROSION AND SEDIMENT CONTROL LEGEND

- PROPERTY LINE
- LOD — LIMIT OF DISTURBANCE
- SSF — SUPER SILT FENCE
- TPF — TREE PROTECTION FENCE

## SEQUENCE OF CONSTRUCTION:

1. CONTRACTOR SHALL NOTIFY MARYLAND DEPARTMENT OF ENVIRONMENT'S COMPLIANCE PROGRAM AT 410-537-3510 A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF ANY EARTH DISTURBANCE ACTIVITY TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH OWNER/DEVELOPER. CONTRACTOR, AND MDE INSPECTOR.

2. PRIOR TO ANY LAND CLEARING OR GRUBBING, CONTRACTOR MUST CLEARLY MARK AND/OR FLAG THE LIMIT OF DISTURBANCE IN THE FIELD FOR THE SCOPE ON THE MDE APPROVED EROSION & SEDIMENT CONTROL PLAN(S).

3. COORDINATE WITH CONTRACTING OFFICER AND OTHER APPLICABLE AUTHORITIES ON PROPOSED SCHEDULE AND PHASING, DISCUSS HOURS OF OPERATIONS AND SAFETY MEASURES TO MINIMIZE IMPACT TO PEDESTRIAN AND VEHICULAR TRAFFIC.

4. PERFORM LIMITED DEMOLITION AS NEEDED TO INSTALL PERIMETER CONTROLS FOR THE MAIN PROJECT ARE, THIS INCLUDES SUPER SILT FENCE, TREE PROTECTION, AND TEMPORARY CONSTRUCTION FENCING.

5. PERFORM THE INSTALLATION OF UNDERGROUND ELECTRICAL LINES, BUILDING ADDITION, ABA PARING SPOTS, CONCRETE SIDEWALKS AND INSTALLATION OF THE NEW ACCESSIBLE RAMPS.

6. PROVIDE TEMPORARY STABILIZATION MEASURES TO THE DISTURBED AREA.

7. PERFORM ROUTINE INSPECTIONS AND REPAIRS TO SOIL EROSION, SEDIMENT CONTROL, AND SAFETY MEASURES. SOIL OR SEDIMENT DISPLACED DURING CONSTRUCTION OR TRANSPORTATION IS TO BE MANUALLY CLEANED AND PROPERLY DISPOSED OF PRIOR TO THE END OF THE WORK DAY.

8. INSTALL MICRO-BIORETENTION BASINS AND ASSOCIATED PIPING. FINAL BIORETENTION SECTIONS NOT TO BE INSTALLED UNTIL ALL UPSTREAM AREAS HAVE BEEN STABILIZED.

9. CONTRACTOR TO PROVIDE PERMANENT STABILIZATION PER 2011 MDE EROSION & SEDIMENT CONTROL MANUAL AS SITE WORK ACTIVITIES ARE COMPLETED. ALL EROSION & SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE UNTIL CONTRIBUTING AREAS ARE STABILIZED.

10. CONTRACTOR TO DECOMMISSION ALL EROSION & SEDIMENT CONTROL DEVICES AFTER RECEIVING WRITTEN PERMITTING FROM THE MDE EROSION & SEDIMENT CONTROL INSPECTOR.

SCALE (A) 20 0 20 40
SCALE OF FEET

## 1 EROSION AND SEDIMENT CONTROL PLAN
SCALE (A)

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

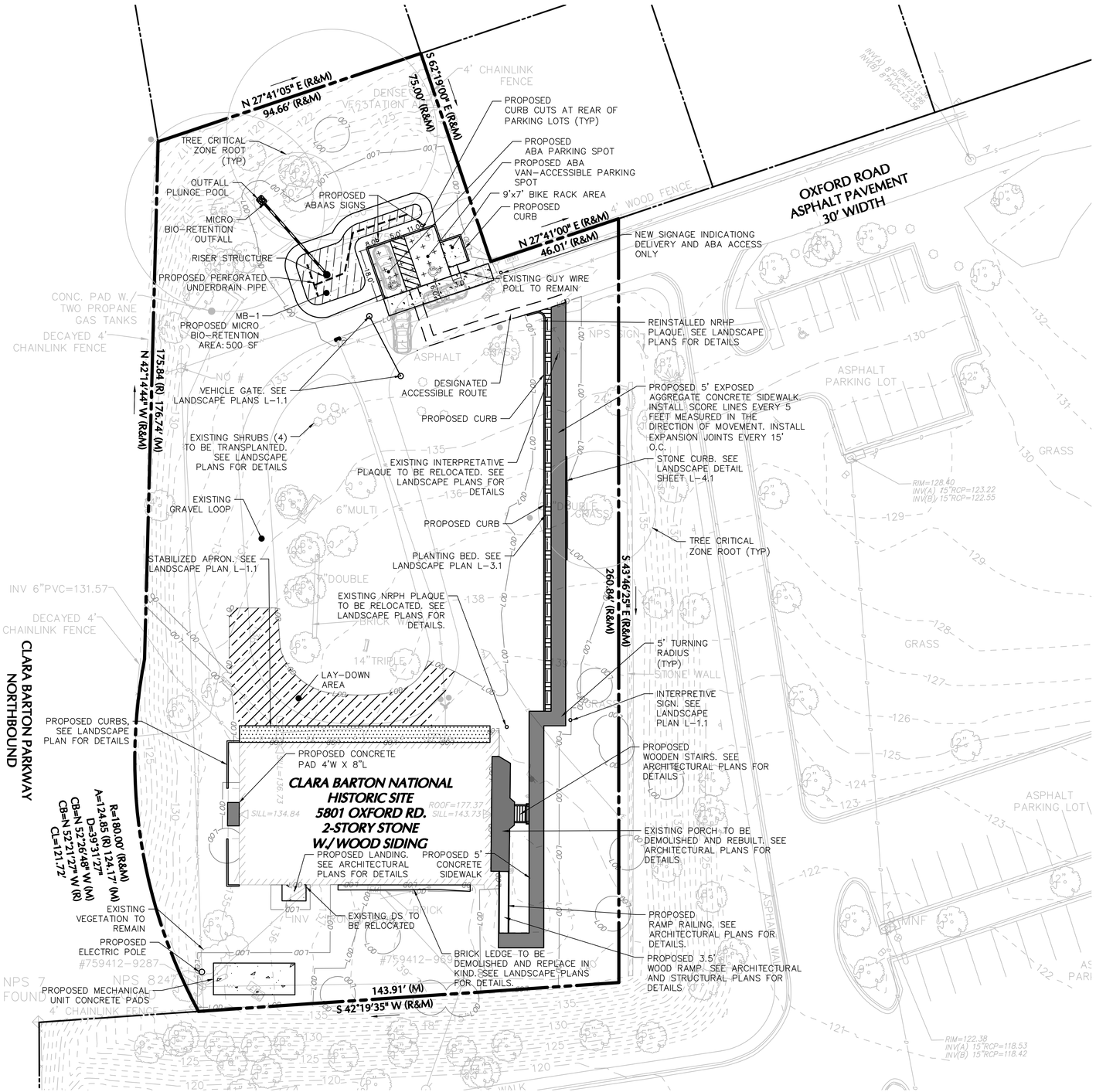
DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-2.0

TITLE OF SHEET
EROSION AND SEDIMENT CONTROL PLAN
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 4 OF 16

Filename: c:\bms\langan-pw-01\d0658837\CP01-270128401-0501-CE101-0101.dwg Date: 1/9/2025 Time: 16:57 User: masmith Layout: C-2.0 EROSION AND SEDIMENT CONTROL PLAN




SITE PLAN LEGEND

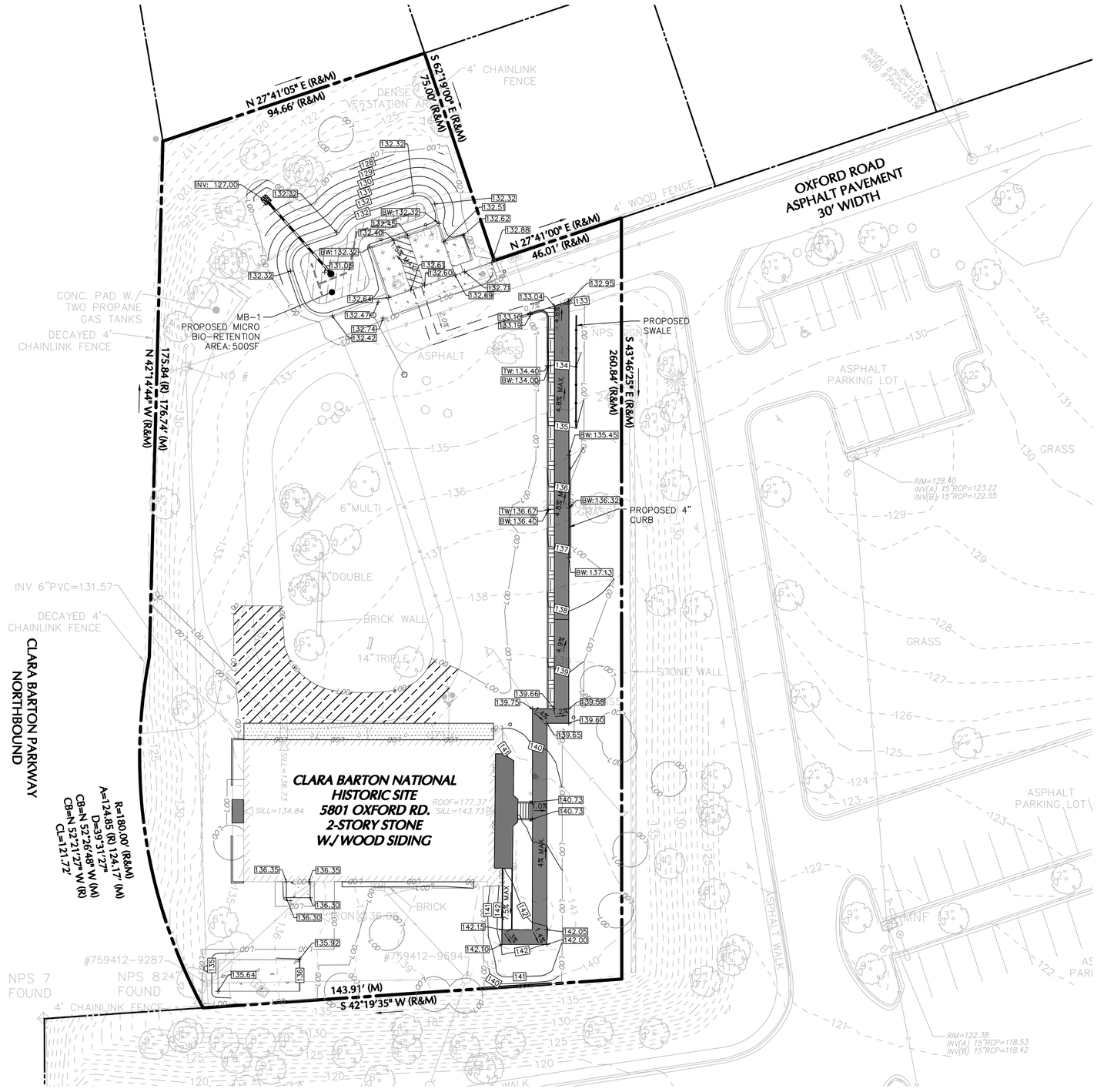
- PROPERTY LINE
- PROPOSED EXPOSED AGGREGATE CONCRETE SIDEWALK
- PROPOSED GRAVEL BASE
- PROPOSED MICRO BIO-RETENTION
- PROPOSED PLANTING AREA, SEE LANDSCAPE PLANS FOR DETAILS
- PROPOSED ASPHALT

SCALE Ⓐ 20 0 20 40
SCALE OF FEET

## 1 SITE PLAN
SCALE Ⓐ

| | | | | |
|---|---|---|---|---|
| RYAN LINTHICUM<br>PROFESSIONAL ENGINEER<br>MARYLAND NO. 34097 | DESIGNED: J. OSORIO<br>DRAWN: J. CANCHAN<br>TECH. REVIEW: OSORIO/LINTHICUM<br>DATE: 01/10/2025 | SUB SHEET NO. C-3.0 | TITLE OF SHEET: SITE PLAN<br>CLARA BARTON NATIONAL HISTORIC SITE<br>CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET 5 OF 16 |

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1 GRADING AND DRAINAGE PLAN
SCALE (A)

SCALE (A) 20 0 20 40
SCALE OF FEET

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

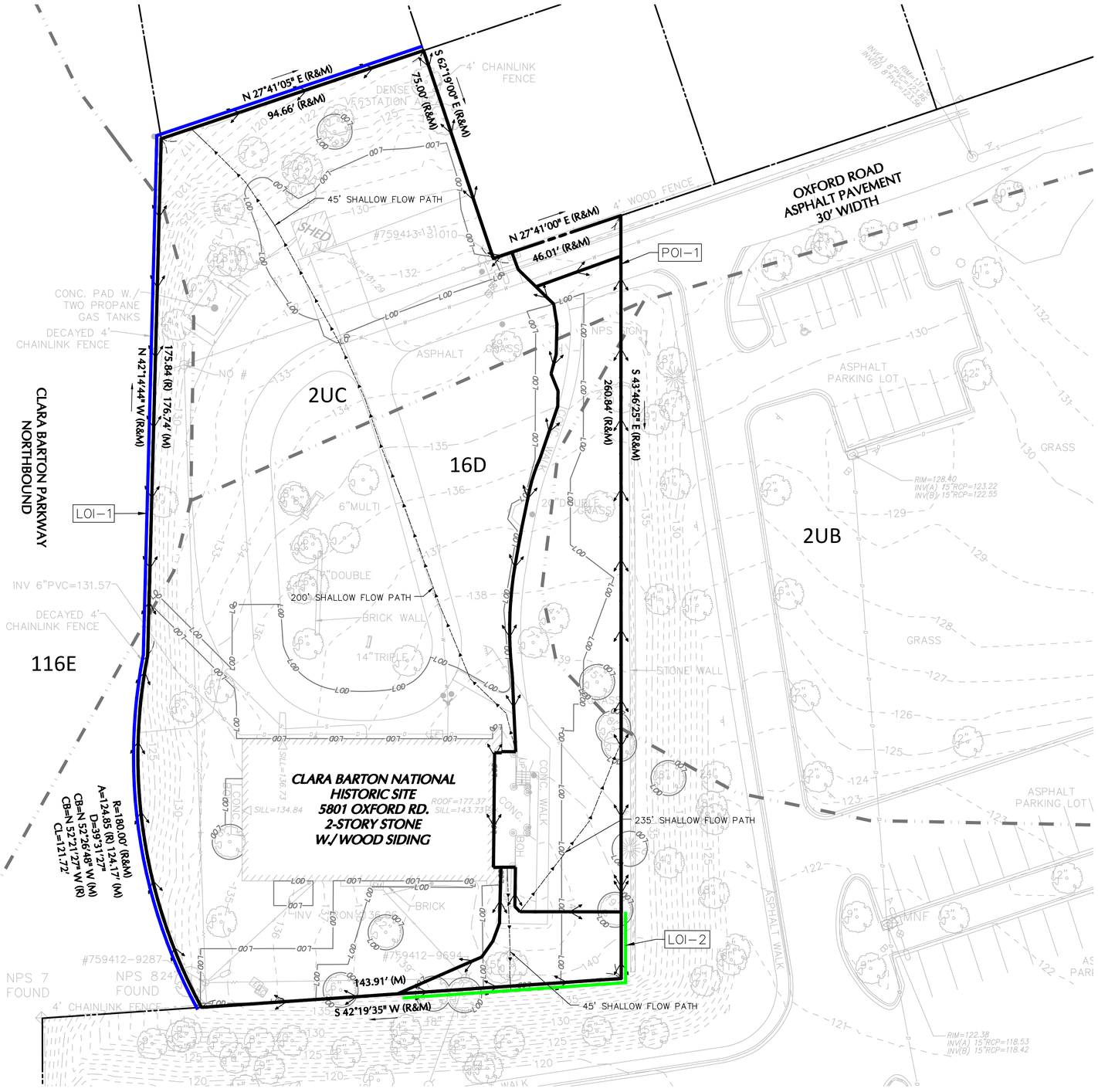
DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-4.0

TITLE OF SHEET
GRADING AND DRAINAGE PLAN
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 6 OF 16

Filename: c:\bmsillangan-pw-01\d0636837\CP01-270128401-0501-CG101-0101.dwg Date: 1/9/2025 Time: 16:58 User: masmith Layout: C4 GRADING




1 OVERALL AREA DRAINAGE AND SOIL MAP – EXISTING CONDITION

SCALE (A)

DRAINAGE AND SOIL MAP LEGEND:

- PROPERTY LINE
- 130 EXISTING CONTOUR
- LOD LIMITS OF DISTURBANCE
- DRAINAGE DIVIDE
- FLOW ARROW
- SOIL DIVIDE
- TIME OF CONCENTRATION FLOW PATH (Tc)
- LINE OF INFLUENCE (LOI) 1
- LINE OF INFLUENCE (LOI) 2

| MAP UNIT SYMBOL | MAP UNIT NAME | HYDROLOGIC SOIL GROUP |
|---|---|---|
| 2UB | GLENELG–URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES | B |
| 2UC | GLENELG–URBAN LAND COMPLEX, 8 TO 15 PERCENT SLOPES | B |
| 16D | BRINKLOW–BLOCKTOWN CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES | C |
| 116E | BLOCKTOWN CHANNERY SILT LOAM, 25 TO 45 PERCENT SLOPES, VERY ROCKY | D |

| POI | TOTAL AREA (AC) | IMPERVIOUS AREA (%) | COMPACTED AREA (%) |
|---|---|---|---|
| LOI–1 | 0.86 | 25.5% | 74.5% |
| POI–1 | 0.17 | 20.6% | 79.4% |
| LOI–2 | 0.03 | 0% | 100% |

SCALE (A) 20 0 20 40
SCALE OF FEET

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

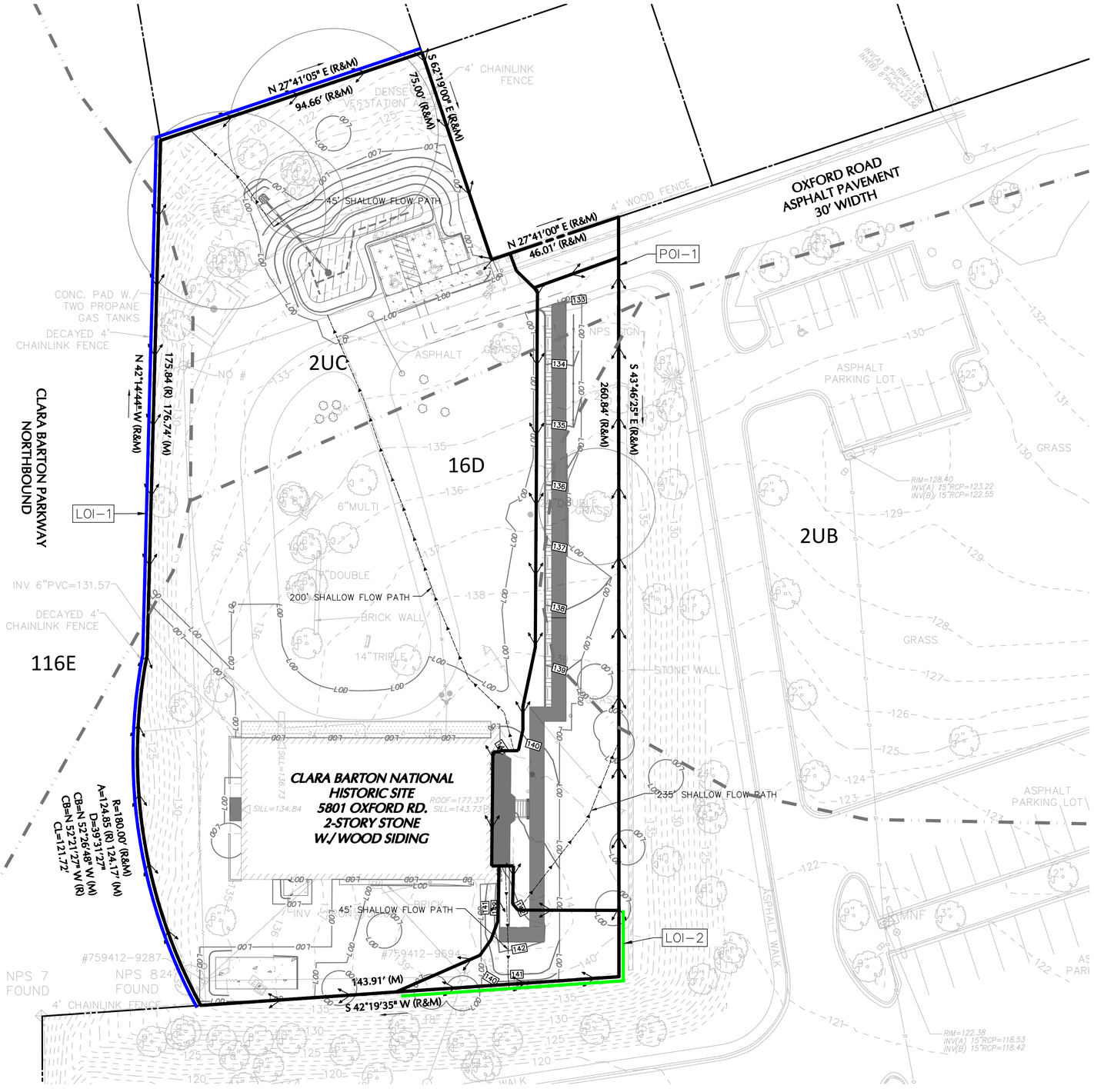
DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-5.0

TITLE OF SHEET
OVERALL AREA DRAINAGE AND SOIL MAP EXISTING CONDITION
CLARA BARTON NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 7 OF 16

Filename: c:\bmsillangan-pw-01\d0636631\CP01-270128401-0501-CE101-0102.dwg Date: 1/9/2025 Time: 16:58 User: msmith Layout: C-5.0 OVERALL AREA DRAINAGE AND SOIL MAP EXISTING CONDITION




1 OVERALL AREA DRAINAGE AND SOIL MAP – PROPOSED CONDITION
SCALE (A)

DRAINAGE AND SOIL PLAN LEGEND:

- PROPERTY LINE
- 130 EXISTING CONTOUR
- LOD LIMITS OF DISTURBANCE
- DRAINAGE DIVIDE
- FLOW ARROW
- SOIL DIVIDE
- TIME OF CONCENTRATION FLOW PATH (Tc)
- LINE OF INFLUENCE (LOI) 1
- LINE OF INFLUENCE (LOI) 2

| MAP UNIT SYMBOL | MAP UNIT NAME | HYDROLOGIC SOIL GROUP |
|---|---|---|
| 2UB | GLENELG–URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES | B |
| 2UC | GLENELG–URBAN LAND COMPLEX, 8 TO 15 PERCENT SLOPES | B |
| 16D | BRINKLOW–BLOCKTOWN CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES | C |
| 116E | BLOCKTOWN CHANNERY SILT LOAM, 25 TO 45 PERCENT SLOPES, VERY ROCKY | D |

| POI | TOTAL AREA (AC) | IMPERVIOUS AREA (%) | COMPACTED AREA (%) |
|---|---|---|---|
| LOI–1 | 0.87 | 27.4% | 72.6% |
| POI–1 | 0.16 | 22.7% | 77.3% |
| LOI–2 | 0.04 | 0% | 100% |

SCALE (A) 20 0 20 40
SCALE OF FEET

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-6.0

TITLE OF SHEET
OVERALL AREA DRAINAGE AND SOIL MAP PROPOSED CONDITION
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 8 OF 16

Filename: c:\bms\langan-ywv-01\d0858637\CP01-270128401-0501-CG101-0103.dwg Date: 1/9/2025 Time: 16:58 User: masmith Layout: C-6.0 OVERALL AREA DRAINAGE AND SOIL MAP PROPOSED CONDITION




GRADING AND DRAINAGE LEGEND

- PROPERTY LINE
- 130 EXISTING CONTOUR
- 125.5 EXISTING ELEVATION
- 142.50 PROPOSED SPOT ELEVATION
- 4.5% MAX. PROPOSED MAX SLOPE
- 1.2% EXISTING SLOPE
- PROPOSED STORM DRAINAGE PIPE
- LIMITS OF DRAINAGE TO BMP
- PROPOSED BMP AREA
- PROPOSED PERVIOUS AREA
- PROPOSED IMPERVIOUS AREA

SCALE (A)

20 0 20 40

SCALE OF FEET

## 1 STORMWATER MANAGEMENT PLAN

SCALE (A)

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

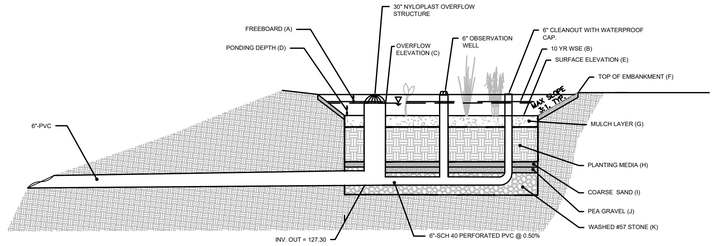
SUB SHEET NO. C-9.0

TITLE OF SHEET
STORMWATER MANAGEMENT PLAN

CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 9 OF 16

Filename: c:\bms\langan-pw-01\d0658637\CP01-270128401-0501-CG101-0105.dwg Date: 1/9/2025 Time: 16:59 User: masmith Layout: C-9.0 STORMWATER MANAGEMENT PLAN




MICRO-BIORETENTION SECTION
(WITH INFILTRATION)

01 TYPICAL MICRO BIO–RETENTION SECTION WITH INFILTRATION
C-10.0 SCALE:NTS

**Micro-Bioretention Dimension Table**

| | A | B | C | D | E | F | | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Facility # | Freeboard (ft) | 10-Year Water Surface Elevation | Overflow Elevation | Ponding Depth (ft) | Surface Elevation | Top of Embankment Elevation | Planting Media Surface Area (ft2) | Mulch Depth (ft) | Planting Media Depth (ft) | Coarse Sand Depth (ft) | Pea Gravel Depth (ft) | #57 Stone Depth (ft) | Groundwater Recharge Gravel Bed (ft) |
| MB-1 | 0.5 | 132.15 | 132.0 | 0.90 | 131.05 | 132.31 | 500 | 0.25 | 2.00 | 0.33 | 0.33 | 0.83 | 0.25 |

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

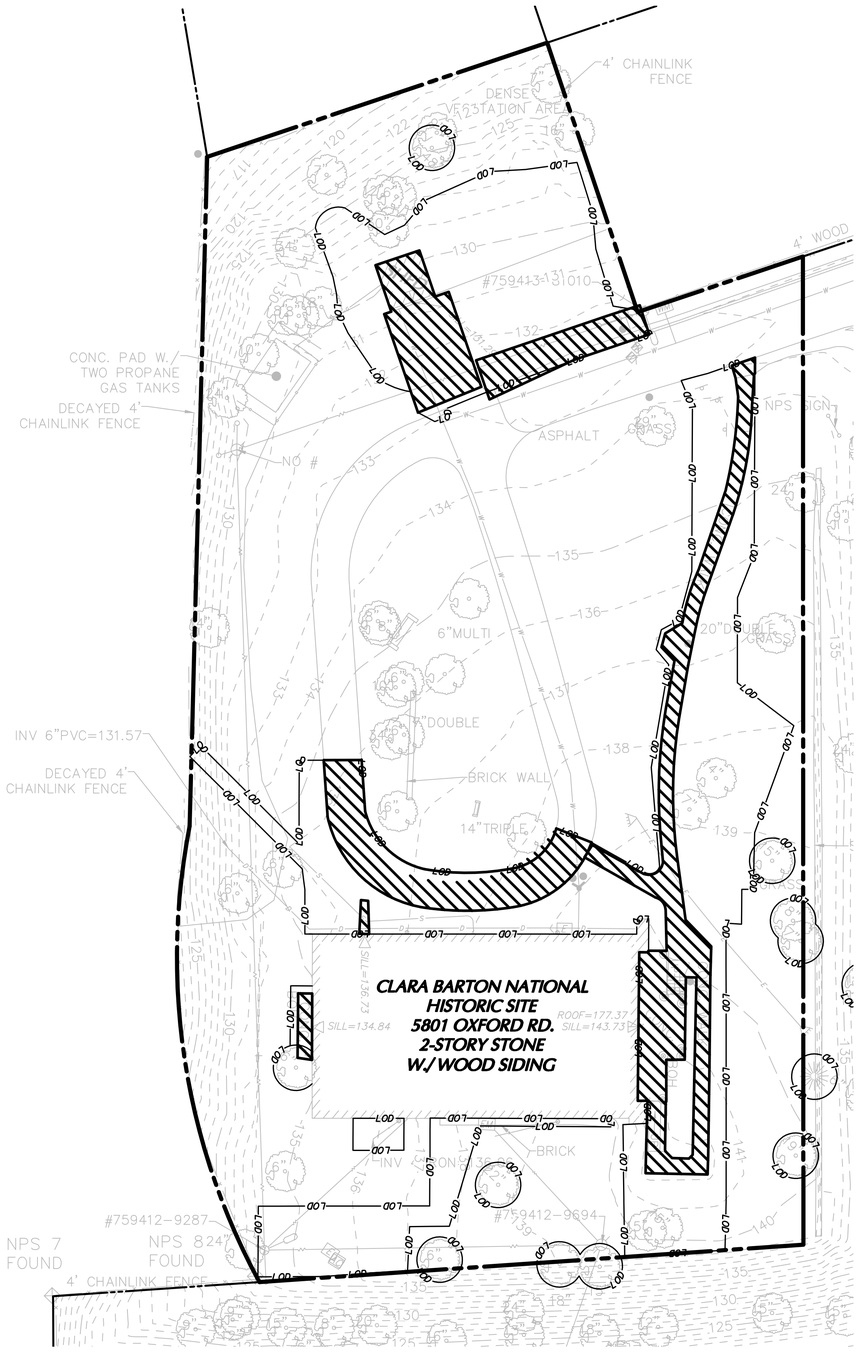
DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-10

TITLE OF SHEET
STORMWATER MANAGEMENT SECTIONS
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

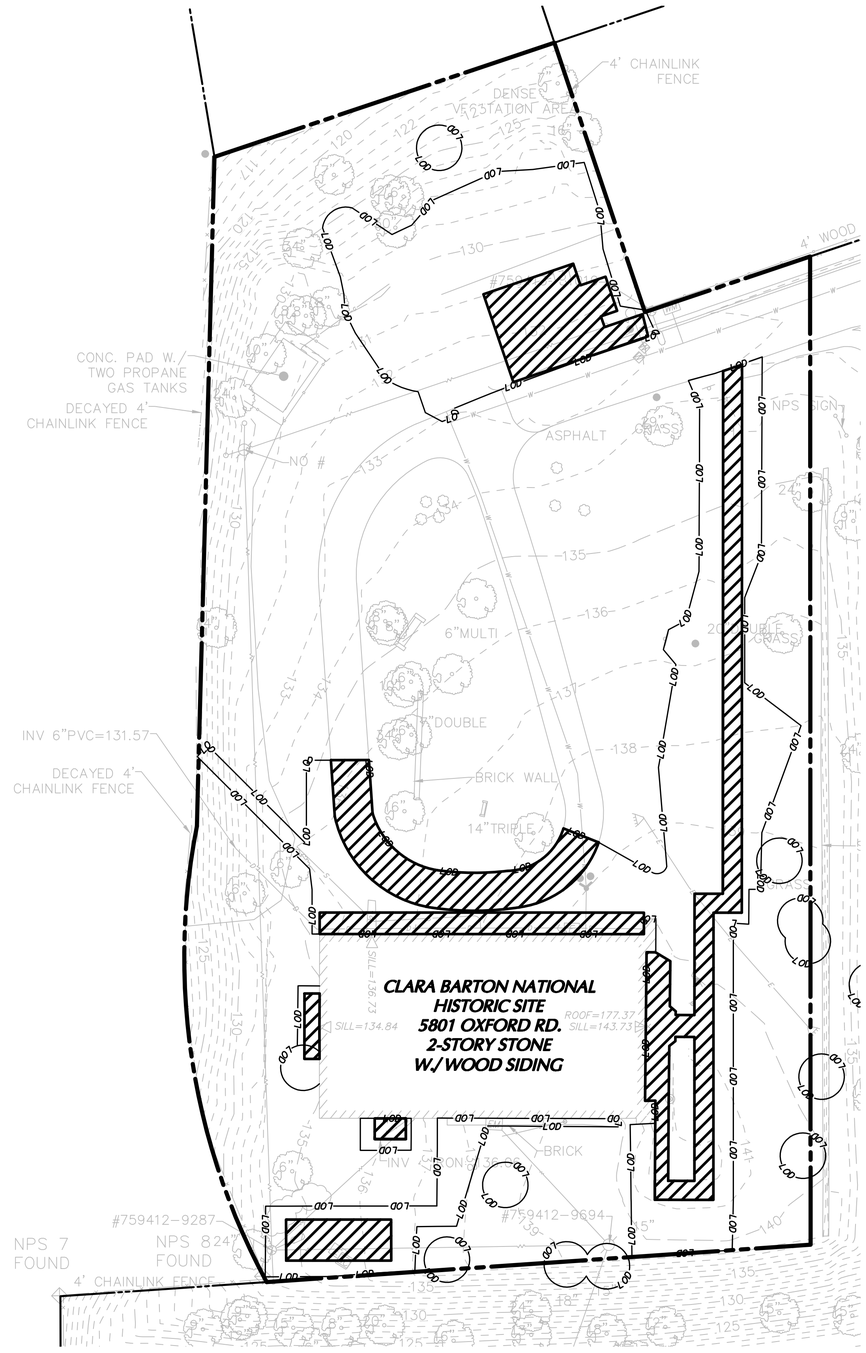
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PMIS/PKG NO. 312325
SHEET 10 OF 16

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1 PRE-DEVELOPMENT SURFACE CONDITIONS

SCALE (A)




2 POST-DEVELOPMENT SURFACE CONDITIONS

SCALE (A)

OVERALL SURFACE CONDITION

- PROPERTY LINE
- 130 EXISTING CONTOUR
- LOD LIMITS OF DISTURBANCE
- PRE-DEVELOPMENT IMPERVIOUS AREA
- POST-DEVELOPMENT IMPERVIOUS AREA

SCALE (A) 20 0 20 40

SCALE OF FEET

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

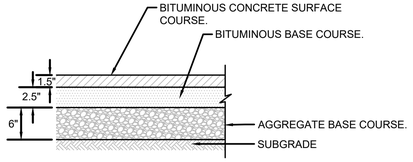
SUB SHEET NO. C-11

TITLE OF SHEET
# OVERALL SURFACE CONDITION PLAN

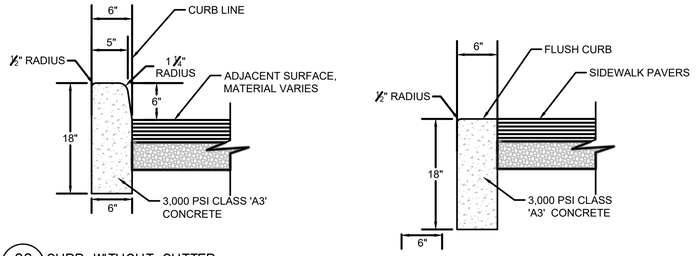
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 11 OF 16

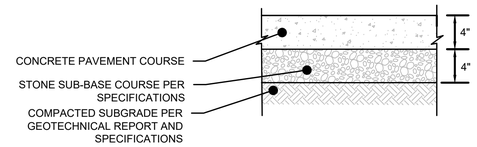
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01 ASPHALT VEHICLE PAVEMENT
C-12.0
SCALE:NTS



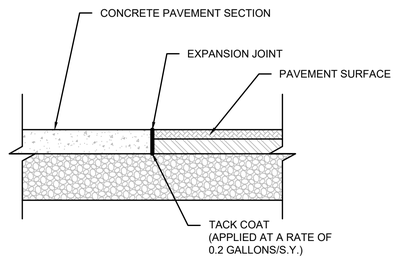

02 CURB WITHOUT GUTTER
C-12.0
SCALE:NTS



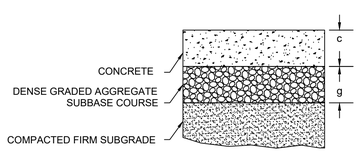

NOTES:

1. THIS DETAIL SHALL BE READ IN CONJUNCTION WITH SPECIFICATION SECTION 32 13 13 - CONCRETE PAVING.
2. SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH GEOTECHNICAL REPORT AND EARTH MOVING SPECIFICATION TO ACHIEVE THE SPECIFIED MOISTURE CONTENT AND DENSITY REQUIREMENTS.
3. REFER TO SPECIFICATIONS FOR FINISH.
4. EXPANSION JOINTS SHALL HAVE A MAXIMUM SPACING OF 100 FEET AND BE LOCATED AT POINTS OF CURVATURE. EXPANSION JOINT MATERIAL SHALL BE ½ INCH PREFORMED CORK, TRIMMED AND SEALED WITH NON-STAINING, TWO COMPONENT POLYSULFIDE OR POLYURETHANE ELASTOMETRIC TYPE SEALANT COMPLYING WITH ASTM C-920.
5. SCORE THE CONCRETE TO A DEPTH OF ¼ THE SLAB THICKNESS TO PROVIDE WEAKENED PLANE TRANSVERSE JOINTS AT INTERVALS EQUAL TO THE WIDTH OF THE SIDEWALK.

03 CONCRETE SIDEWALK TYPICAL SECTION
C-12.0
SCALE:NTS




04 CONCRETE TO ASPHALT TRANSITION
C-12.0
SCALE:NTS

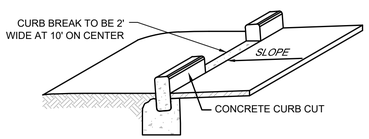



| MATERIAL THICKNESS | | |
|---|---|---|
| DIMENSION | VEHICULAR PAVEMENT | CONCRETE PAD |
| c | | |
| g | | |

NOTES:

1. PRIOR TO INSTALLATION OF PAVEMENT, THE SUBGRADE SHOULD BE SURFACE COMPACTED WITH A MINIMUM OF 6 PASSES WITH A VIBRATORY ROLLER HAVING A MINIMUM STATIC WEIGHT OF 5-TONS. AGGREGATE SUBBASE SHALL MEET THE REQUIREMENTS PER 31 00 00.
2. ALL AREAS TO BE PAVED SHALL BE PROOF-ROLLED WITH AT LEAST 4 PASSES OF EITHER A SMOOTH ROLLER HAVING A MINIMUM STATIC DRUM WEIGHT OF 5-TONS OR A FULLY LOADED TANDEM DUMP TRUCK.
3. ANY SOFT AREAS SHALL BE REMOVED AND REPLACED WITH CLEAN, GRANULAR, FREE-DRAINING SOIL.
4. FILL SHALL BE PLACED IN LOOSE LIFTS NOT TO EXCEED 12-INCHES AND SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557.

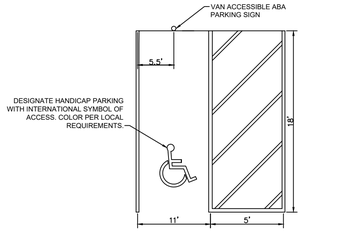
05 CONCRETE PAVEMENT SECTION
C-12.0
SCALE:NTS




05 CURB BREAK
C-12.0
SCALE:NTS

| | | | | |
|---|---|---|---|---|
| RYAN LINTHICUM<br>PROFESSIONAL ENGINEER<br>MARYLAND NO. 34097 | DESIGNED: J. OSORIO<br>CADD J. CANCHAN<br>TECH. REVIEW: OSORIO/LINTHICUM<br>DATE: 01/10/2025 | SUB SHEET NO. C-12 | TITLE OF SHEET<br>SITE DETAILS I<br>CLARA BARTON<br>NATIONAL HISTORIC SITE<br>CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET 12 OF 16 |

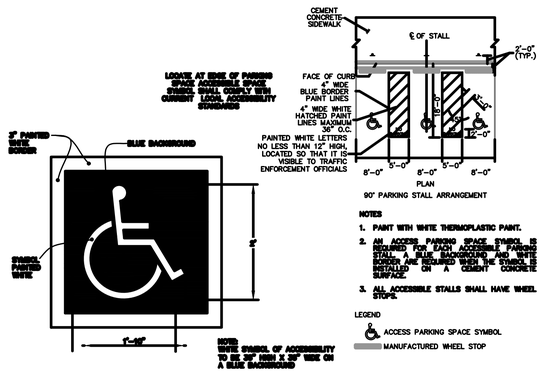
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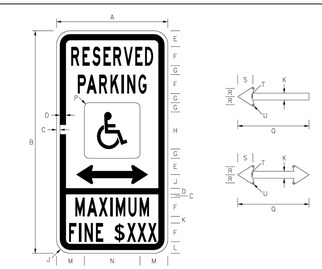

NOTES:

1. MARKINGS FOR PARKING LOT SHALL BE ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3A OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. SEE SITE PLAN FOR EXACT LAYOUT.

01 ABA VAN ACCESSIBLE HANDICAP PARKING AND STRIPING DETAIL
C-13.0 SCALE:NTS




02 ABA ACCESSIBLE PARKING SPACE AND STRIPING DETAIL
C-13.0 SCALE:NTS




NOTES:
1. ARROW MAY BE REMOVED IF NECESSARY.
2. FOR SYMBOL DESIGN REFER TO THE APPENDIX-GRID SECTION FROM FHWA'S STANDARD HIGHWAY SIGNS BOOK-APPENDIX SECTION.

| SIGN SIZE | DIMENSIONS (INCHES) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J | K |
| STD | 12 | 24 | 3/8 | 5/8 | 1-3/4 | 28 | 1 | 4 | 1-1/2 | 3/4 |

| SIGN SIZE | DIMENSIONS (INCHES) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | L | M | N | P | Q | R | S | T | U |
| STD | 1-1/4 | 3 | 6 | 1/2 | 7-11/16 | 7/8 | 1-5/8 | 1/8 | 9/64 |

REFERENCES
MdMUTCD SECTION - 2B.39, 2B.40, 2B.41, 7B.14

COLORS
LEGEND - GREEN
BACKGROUND - WHITE
HANDICAP INLAY - WHITE ON BLUE

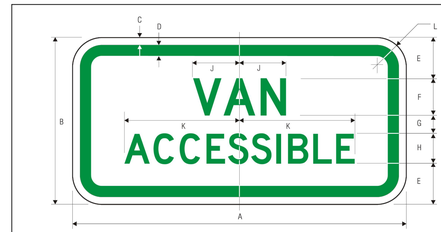
APPROVED Tom Hicks (signature on file)
DIRECTOR - OFFICE OF TRAFFIC AND SAFETY

SHA State Highway Administration

| APPROVAL • SHA REVISIONS | APPROVAL • FEDERAL HIGHWAY ADMINISTRATION |
|---|---|
| APPROVAL 03/03/2009 | APPROVAL |
| REVISED | REVISED |
| REVISED | REVISED |
| REVISED | REVISED |

**Maryland Department of Transportation**
**STATE HIGHWAY ADMINISTRATION**
MARYLAND STANDARD HIGHWAY SIGNS
**RESERVED PARKING (HANDICAP SYMBOL) MAXIMUM FINE $XXX**
SIGN NUMBER R7-8(3)

03 RESERVED HANDICAP PARKING SIGN
C-13.0 SCALE:NTS




R7-8a
VAN ACCESSIBLE
SHA REFERENCES
MdMUTCD SECTION - 2B.39, 2B.40, 7B.14



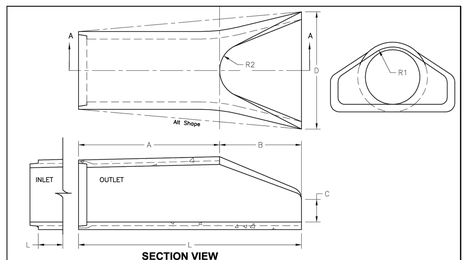

R7-8b
VAN ACCESSIBLE
SHA REFERENCES
MdMUTCD SECTION - 2B.39, 2B.40, 7B.14

| | A | B | C | D | E | F | G | H | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12 | 6 | .375 | .438 | 1.5 | 1.5 D | .5 | 1 D | 1.871 | 3.859 | 1.5 |
| C | 18 | 9 | .375 | .438 | 2.25 | 2 D | 1 | 1.5 D | 2.493 | 5.784 | 1.5 |

PARKING APPLICATION
COLORS: LEGEND — GREEN (RETROREFLECTIVE) OR BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

DIRECTIONAL APPLCATION
COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — BLUE (RETROREFLECTIVE)

04 RESERVED VAN ACCESSIBLE PARKING SIGN
C-13.0 SCALE:NTS




SECTION VIEW

ROUND PIPE FLARED END SECTIONS

| DIAMETER | WATER AREA | OVERALL LAYING LENGTH L | BARREL LENGTH A | FLARE LENGTH B | C | D | R1 | R2 | WALL THICK-NESS T | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| inches | sq.ft. | ft-in | ft-in | ft-in | inch | inch | inch | inch | inch | lbs. |
| 12 | 0.79 | 6'-1" | 4'-1" | 2'-0" | 4 | 24 | 10.1/8 | 9 | 2 | 530 |
| 15 | 1.23 | 6'-1" | 3'-10" | 2'-3" | 6 | 30 | 12.1/2 | 11 | 2.1/4 | 740 |
| 18 | 1.77 | 6'-1" | 3'-10" | 2'-3" | 9 | 36 | 15.1/2 | 12 | 2.1/2 | 990 |
| 24 | 3.14 | 6'-1" | 2'-6" | 3'-7" | 9.1/2 | 48 | 16.13/16 | 14 | 3 | 1520 |
| 30 | 4.91 | 6'-1" | 1'-7" | 4'-6" | 12 | 60 | 18.1/2 | 15 | 3.1/2 | 2190 |
| 36 | 7.07 | 8'-1" | 2'-11" | 5'-3" | 15 | 72 | 24.5/16 | 20 | 4 | 4100 |
| 42 | 9.62 | 8'-2" | 2'-11" | 5'-3" | 21 | 78 | 27.1/2 | 22 | 4.1/2 | 5380 |
| 48 | 12.57 | 8'-2" | 2'-2" | 6'-0" | 24 | 84 | 28.1/2 | 22 | 5 | 6500 |
| 54 | 15.90 | 8'-2" | 2'-9" | 5'-5" | 27 | 90 | 33.1/8 | 24 | 5.1/2 | 8240 |
| 60 | 19.63 | 8'-3" | 3'-3" | 5'-0" | 30 | 96 | 36.11/16 | 24 | 6 | 8730 |
| 66 | 23.76 | 8'-3" | 2'-3" | 6'-0" | 24 | 102 | 36.1/8 | 24 | 6.1/2 | 10710 |

MEETS ASTM C-76

Oldcastle Precast® Vanguard
5230 N.W. 17th Street, Topeka, KS 66618
Phone: 785.232.2982 Fax: 785.232.5842

**PIPEDATA**
FILE NAME:1200PCFLAREDDATA_DET
ISSUE DATE: January 2007
www.vanguardprecast.com

**Round Flared End Section Data Sheet**

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05 FLARED END SECTION DETAIL
C-13.0 SCALE:NTS

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-13

TITLE OF SHEET
SITE DETAILS II

CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 13 OF 16

Filename: c:\bms\langan-pw-01\d0658637\CP01-270128401-0501-CS501-0102.dwg Date: 1/9/2025 Time: 17:00 User: masmith Layout: SITE DETAILS II

## STANDARD RESPONSIBILITY NOTES

1. I (We) certify that:
   a. All development and construction will be done in accordance with this sediment and erosion control plan, and further, authorize the right of entry for periodic on-site evaluation by the Anne Arundel Soil Conservation District (AASCD) Board of Supervisors or their authorized agents.
   b. Any responsible personnel involved in the construction project will have a certificate of attendance from the Maryland Department of the Environment's approved training program for the control of sediment and erosion before beginning the project.

      Responsible personnel on site: _____

   c If applicable, the appropriate enclosure will be constructed and maintained on sediment basin(s) included in this plan. Such structure(s) will be in compliance with the Anne Arundel County Code.
2. The developer is responsible for the acquisition of all easements, right, and/or rights-of-way that may be required for the sediment and erosion control practices, storm water management practices and the discharge of storm water onto or across adjacent or downstream properties included in the plan.
3. For initial soil disturbance or re-disturbance, permanent and/or temporary stabilization per the AASCD Vegetative Establishment shall be completed within three calendar days for the surface of all controls, dikes, swales, ditches, perimeter slopes and all slopes greater than 3 horizontal to 1 vertical (3:1); and seven days for all other disturbed or graded areas on the project site.
4. The grading and sediment control approval on this plan extends only to those areas within the limits of disturbance.
5. The approval of this plan for sediment and erosion control does not relieve the developer/consultant from complying with Federal, State or County requirements pertaining to environmental issues.
6. The developer must request that the sediment and erosion control inspector approve work completed in accordance with the approved erosion and sediment control plan, the grading or building permit, and the ordinance.
7. All material shall be taken to a site with an approved sediment and erosion control plan.
8. First phase inspection and approval of the sediment and erosion control inspector shall be required upon completion of the installation of erosion and sediment controls prior to proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until the initial approval by the sediment and erosion control inspector is given. Inspection and Permits may also require that an inspection and certification of the installation of sediment control also be performed by a design professional prior to construction commencing.
9. Approval from the inspector must be requested on final stabilization of all sites prior to removal of sediment and erosion controls.
10. Existing topography must be field verified by responsible personnel to the satisfaction of the sediment control inspector prior to commencing work.

_____ _____
Signature of Developer/Owner Date

Print: Name: _____
Title: _____
Affiliation: _____
Address: _____
Telephone Number: _____
Email Address: _____

01 EROSION AND SEDIMENT CONTROL STANDARD RESPONSIBILITY NOTES
C-14.0 SCALE:NTS

## B-1 STANDARDS AND SPECIFICATIONS
## FOR
## STABILIZED CONSTRUCTION ENTRANCE

### Definition

A layer of aggregate that is underlain with nonwoven geotextile at points of ingress and egress of the construction site.

### Purpose

To reduce tracking of sediment onto roadways and provide a stable area for entrance to or exit from the construction site.

### Conditions Where Practice Applies

Stabilized construction entrances must be located at all points of construction ingress and egress.

### Design Criteria

1. Where possible, locate the stabilized construction entrances at the high side of the project area.
2. For single family residential lots, locate the entrance at the permanent driveway.
3. Stabilized construction entrances cannot be installed over pavement.
4. Minimum length is 50 feet (30 feet for single family residential lots).
5. Minimum width is 10 feet. Flare entrance 10 feet minimum at the existing road to provide a turning radius.
6. The orientation of the stabilized construction entrance may vary from a straight line to a curve or "T" shape depending on the topography and right-of-way.
7. All surface water flowing to or diverted toward the stabilized construction entrance (SCE) must be piped under the entrance. Size the pipe to convey the runoff generated by the 2-year, 24-hour frequency storm at minimum. The minimum permissible pipe size is 6 inches. When the entrance is located at a high spot and has no drainage to convey, a pipe is not necessary.

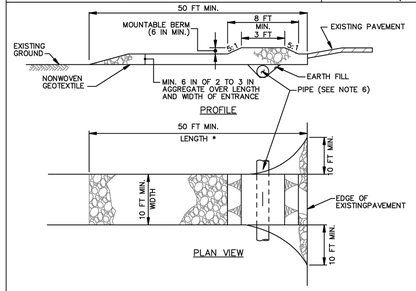
### Maintenance

The SCE must be maintained in a condition that minimizes tracking of sediment. This may require adding stone or making other repairs as conditions demand to maintain a clean surface, the mountable berm, and the specified dimensions. All stone or sediment spilled, dropped, or tracked onto the adjacent roadway must be removed immediately by vacuuming, scraping, and/or sweeping. Washing the roadway to remove mud tracked onto pavement is not acceptable unless the wash water is directed to an approved sediment control practice.

02 STABILIZED CONSTRUCTION ENTRANCE
C-14.0 SCALE:NTS

## DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL: SCE



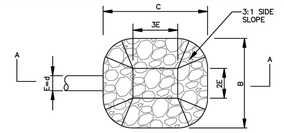

CONSTRUCTION SPECIFICATIONS

1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
2. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
3. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
4. PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
5. MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

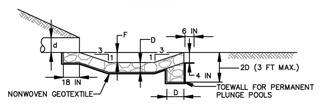
| MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL | | |
|---|---|---|
| U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE | 2011 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION |

## DETAIL D-4-2 PLUNGE POOL

STANDARD SYMBOL: PP




PLAN VIEW



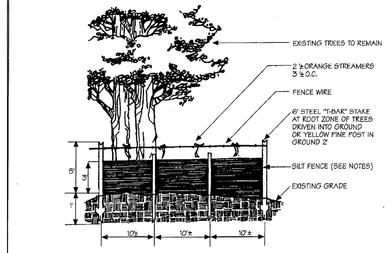

SECTION A-A

CONSTRUCTION SPECIFICATIONS

1. USE SPECIFIED CLASS OF RIPRAP.
2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, AND PROTECT FROM PUNCHING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE. PROVIDE A MINIMUM OF ONE FOOT OVERLAP FOR ALL REPAIRS AND FOR JOINING TWO PIECES OF GEOTEXTILE.
3. PREPARE THE SUBGRADE FOR THE PLUNGE POOL TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
4. EMBED THE GEOTEXTILE A MINIMUM OF 4 INCHES AND EXTEND THE GEOTEXTILE A MINIMUM OF 6 INCHES BEYOND THE EDGE OF THE SCOUR HOLE.
5. STONE FOR THE PLUNGE POOL MAY BE PLACED BY EQUIPMENT. CONSTRUCT TO THE FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. DELIVER AND PLACE THE STONE FOR THE PLUNGE POOL IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENEOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE STONE FOR THE PLUNGE POOL IN A MANNER TO PREVENT DAMAGE TO THE GEOTEXTILE. HAND PLACE TO THE EXTENT NECESSARY.
6. AT THE PLUNGE POOL OUTLET, PLACE THE STONE SO THAT IT MEETS THE EXISTING GRADE.
7. MAINTAIN LINE, GRADE, AND CROSS SECTION. KEEP OUTLET FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. AFTER HIGH FLOWS INSPECT FOR SCOUR AND DISLODGED RIPRAP. MAKE NECESSARY REPAIRS IMMEDIATELY.

| MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL | | |
|---|---|---|
| U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE | 2011 | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION |

03 PLUNGE POOL
C-14.0 SCALE:NTS




**Notes:**
1. Silt fence to be heeled into the soil.
2. Wire, snow fence, etc. for tree protection only.
3. Boundaries of Retention Area will be established as part of the forest conservation plan review process.
4. Boundaries of Retention Area should be staked and flagged prior to installing device.
5. Avoid root damage when placing anchor posts.
6. Device should be properly maintained throughout construction.
7. Protection signs are also required.
8. Locate fence outside the Critical Root Zone.

Source: Adapted from Steve Clark & Associates/ACRT, Inc.

| Silt Fence and Tree Protection | Figure D:8 |
|---|---|

04 SILT FENCE AND TREE PROTECTION
C-14.0 SCALE:NTS

SCALE (A) 20 0 20 40
SCALE OF FEET

RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

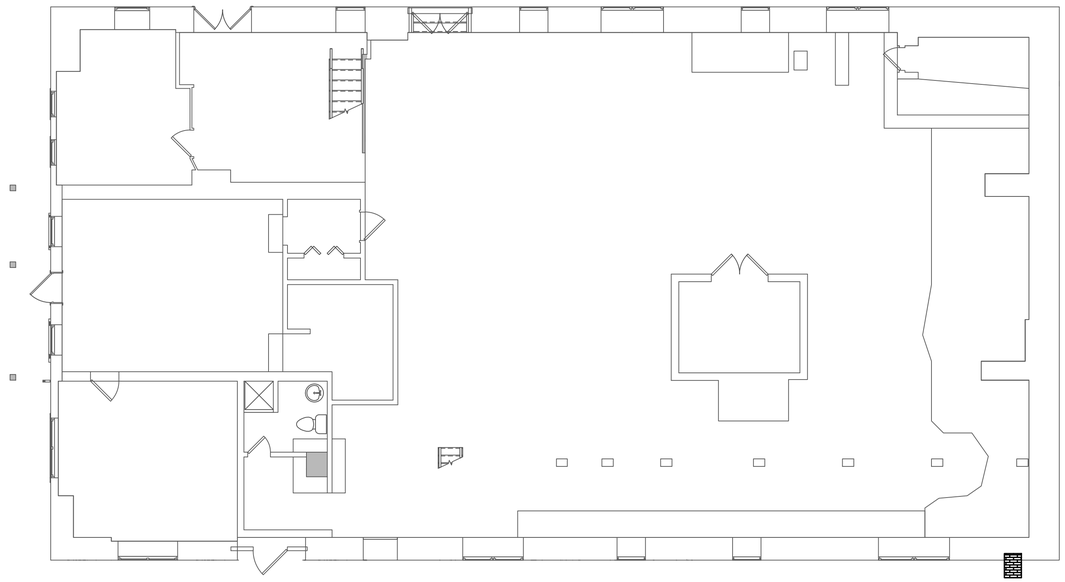
DESIGNED: J. OSORIO
DRAWN: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-14

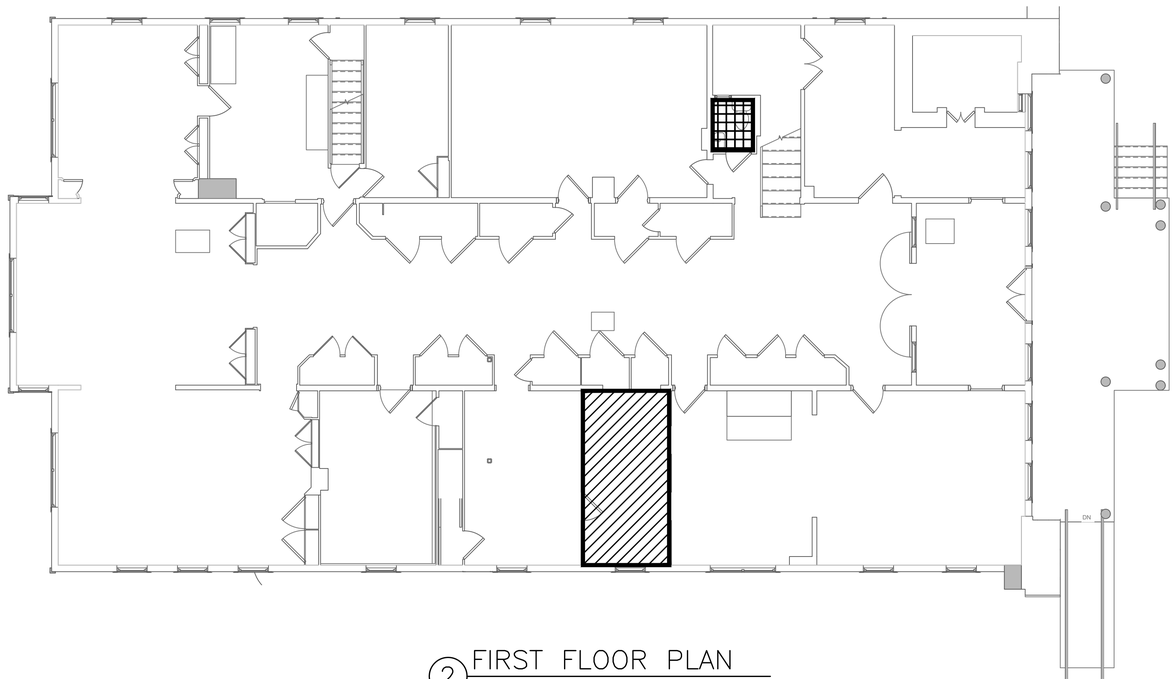
TITLE OF SHEET
EROSION AND SEDIMENT CONTROL DETAILS I
CLARA BARTON NATIONAL HISTORIC SITE CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 14 OF 16

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1 BASEMENT PLAN
NOT TO SCALE




2 FIRST FLOOR PLAN
NOT TO SCALE

| HA | Material | Survey Results | Recommend Response Action | Legend/ Comments |
|---|---|---|---|---|
| HA25 | 9" X 9" Gray Speckled VFT | ACM | OSHA Class II Removal | |
| HA9 | 12" X 12" Brown Patterned VFT | ACM | OSHA Class II Removal | |

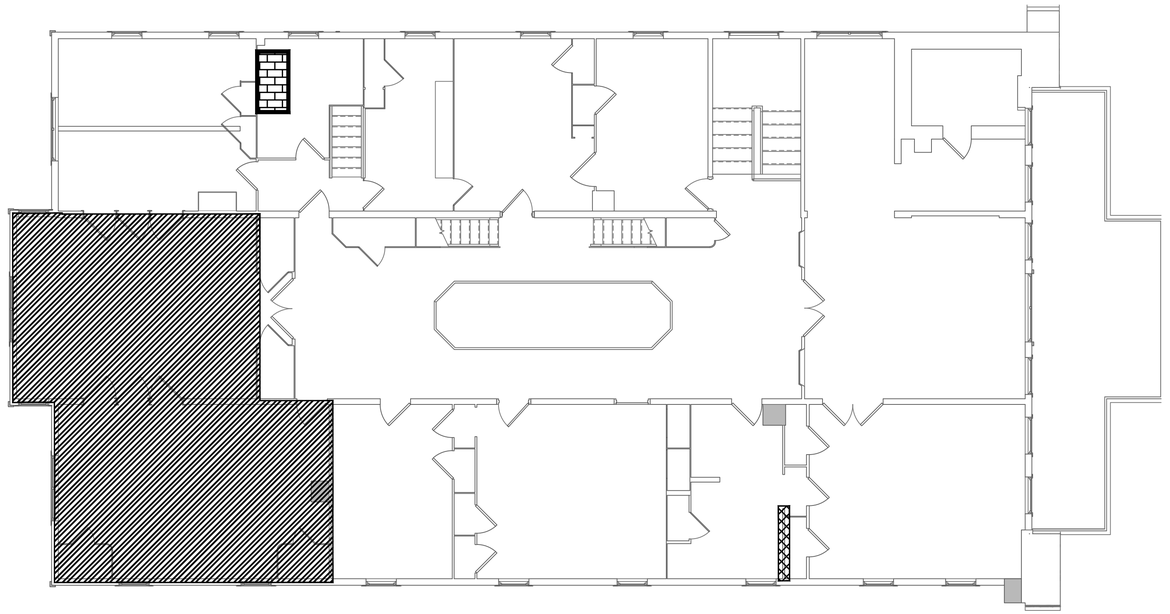
RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
CADD: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

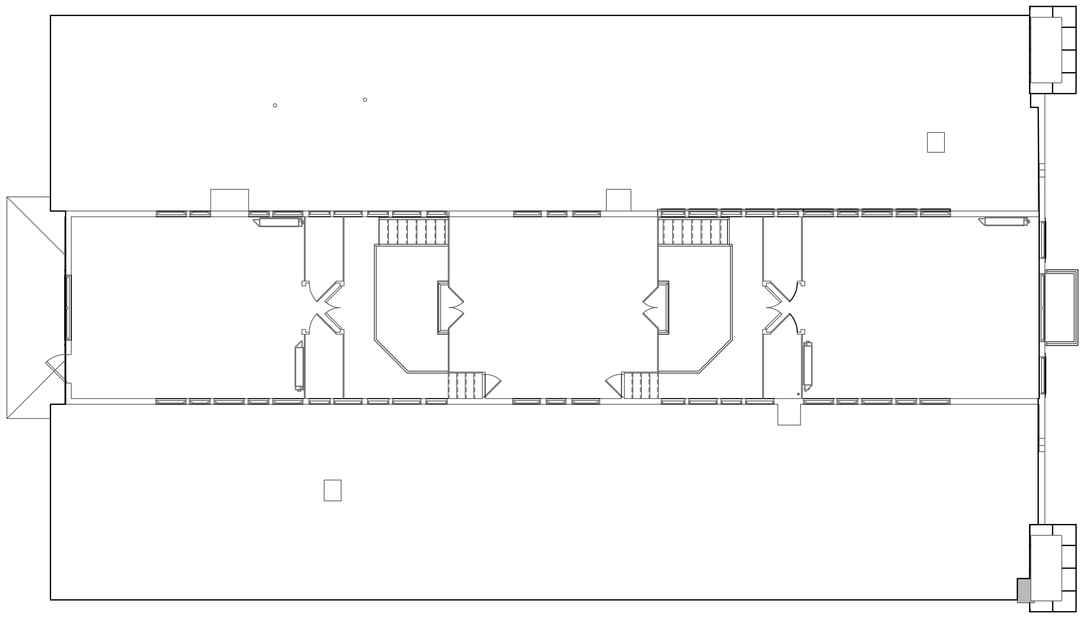
SUB SHEET NO. C-16

TITLE OF SHEET
**ACM LOCATIONS**
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 15 OF 16



1 SECOND FLOOR PLAN
NOT TO SCALE



2 THIRD FLOOR PLAN
NOT TO SCALE

| HA | Material | Survey Results | Recommend Response Action | Legend/ Comments |
|---|---|---|---|---|
| HA58 | Glue dots on drywall ceiling | ACM | OSHA Class II Removal | |
| HA19 | Gray Paper Backing on Walls and Ceiling | ACM | OSHA Class II Removal | |
| HA15 | Mastic Associated with Tan Cove Base | ACM | OSHA Class II Removal | |

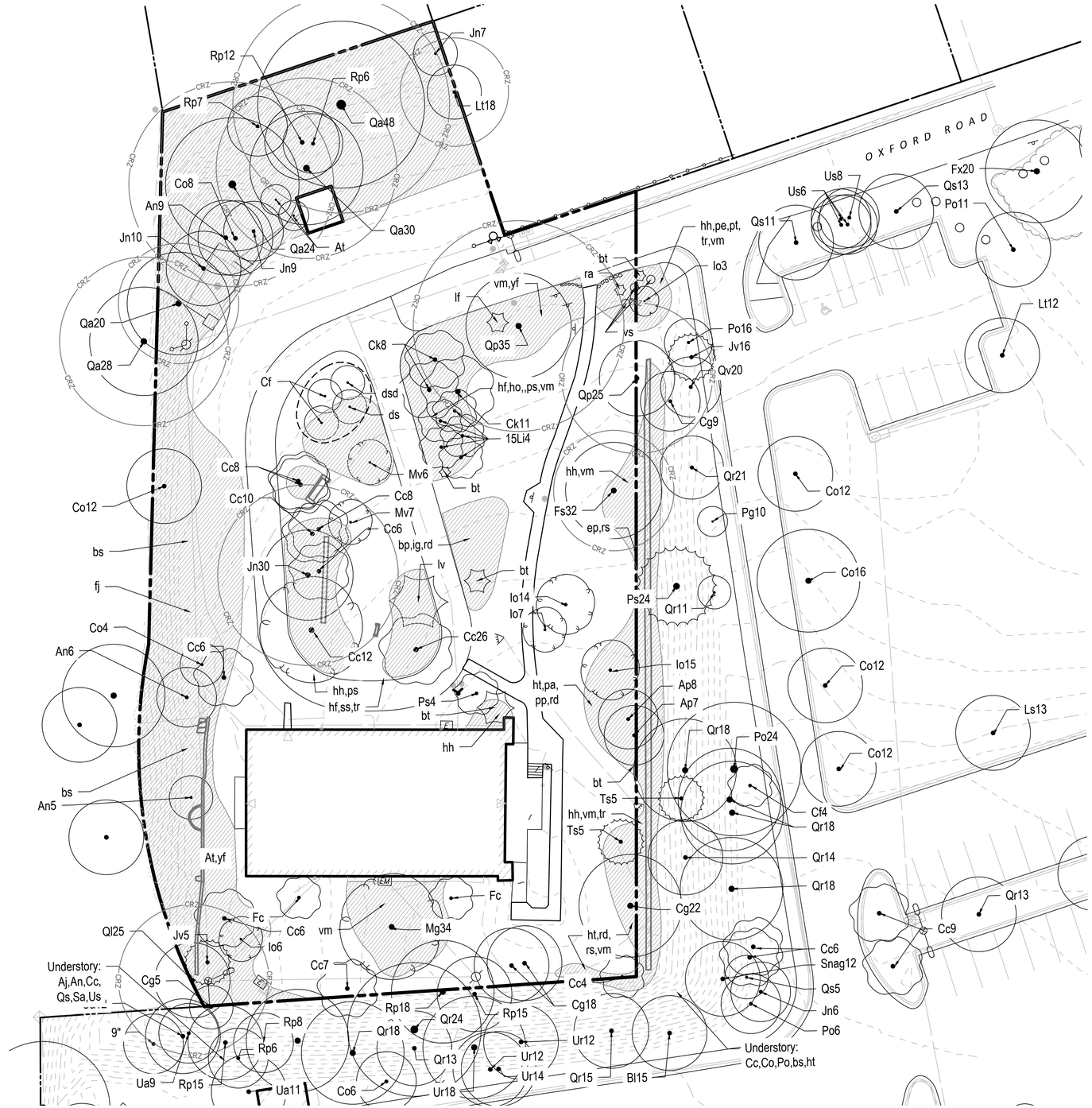
RYAN LINTHICUM
PROFESSIONAL ENGINEER
MARYLAND NO. 34097

DESIGNED: J. OSORIO
CADD: J. CANCHAN
TECH. REVIEW: OSORIO/LINTHICUM
DATE: 01/10/2025

SUB SHEET NO. C-17

TITLE OF SHEET
**ACM LOCATIONS**
CLARA BARTON
NATIONAL HISTORIC SITE
CLBA

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET 16 OF 16




1 PLAN: EXISTING CONDITION
SCALE (A)

## VEGETATION KEY

CODE SCIENTIFIC NAME — COMMON NAME
** EXOTIC INVASIVE*

**Deciduous Trees**

| | | |
|---|---|---|
| Aa | Ailanthus altissima* | Tree of Heaven |
| An | Acer negundo | Box elder |
| At | Asimina triloba | Paw paw |
| Bl | Betula lenta | Sweet birch |
| Ca | Carya tomentosa | Mockernut hickory |
| Cg | Carya glabra | Pignut hickory |
| Cs | Carya sp. | Hickory, unspecified |
| Co | Celtis occidentalis | Hackberry |
| Ct | Catalpa speciosa | Northern catalpa |
| Fs | Fagus sylvatica | European beech |
| Fx | Fraxinus sp. | Ash, unspecified |
| Jn | Juglans nigra | Black walnut |
| Lt | Liriodendron tulipifera | Tulip tree |
| Mr | Morus rubra | Mulberry |
| Pg | Populus grandidentata | Bigtooth aspen |
| Po | Platanus occidentalis | Sycamore |
| Qa | Quercus alba | White oak |
| Ql | Quercus laurifolia | Laurel oak |
| Qm | Quercus montana | Chestnut oak |
| Qp | Quercus phellos | Willow oak |
| Qr | Quercus rubra | Red oak |
| Qv | Quercus velutina | Black oak |
| Qs | Quercus sp. | Oak, unspecified |
| Rp | Robinia pseudoacacia | Black locust |
| Sa | Sassafras albidum | Sassafras |
| Ua | Ulmus americana | American elm |
| Up | Ulmus pumila | Siberian elm |
| Ur | Ulmus rubra | Slippery elm |
| Us | Ulmus sp. | Elm, unspecified |

**Broadleaf Evergreen Trees**

| | | |
|---|---|---|
| Io | Ilex opaca | American holly |
| Mg | Magnolia grandifolia | Southern magnolia |
| Mv | Magnolia virginiana | Sweetbay magnolia |

**Coniferous Evergreen Trees**

| | | |
|---|---|---|
| Jv | Juniperus virginiana | Eastern red cedar |
| Ps | Pinus strobus | White pine |
| Ts | Taxus sp. | Yew, unspecified |

**Ornamental or Fruit Trees**

| | | |
|---|---|---|
| Aj | Albizia julibrissin* | Mimosa |
| Ap | Acer palmatum | Japanese maple |
| Cc | Cercis canadensis | Eastern redbud |
| Cf | Cornus florida | Flowering dogwood |
| Ck | Cornus kousa | Kousa dogwood |
| Fc | Ficus carica | Common fig |
| Li | Lagerstroemia indica | Crape myrtle |
| Pr | Prunus serrulata | Japanese cherry |

**Shrubs**

| | | |
|---|---|---|
| bt | Berberis sp.* | Barberry, unspecified |
| cf | Calycanthus floridus | Sweet shrub |
| ds | Deutzia scabra | Single flower duetzia |
| dsd | Deutzia scabra | Double flower duetzia |
| lf | Leucothoe sp. | Leucothoe, unspecified |

**Shrubs (continued)**

| | | |
|---|---|---|
| ll | Ligustrum lucidum | Glossy Privet |
| ls | Lonicera sp.* | Honeysuckle, unspecified |
| ra | Rhododendron sp. | Azalea, unspecified |
| vs | Viburnum sp. | Viburnum, unspecified |

**Herbaceous and Ground Covers**

| | | |
|---|---|---|
| ap | alliaria petiolata * | Garlic mustard |
| at | Allium tricoccum | Ramps |
| bp | Bellis perennis | Common daisy |
| bs | Bambusa sp.* | Bamboo, unspecified |
| ep | Eutrochium purpureum | Joe-Pye weed |
| fj | Fallopia japonica* | Japanese knotweed |
| hf | Hemerocallis fulva | Orange daylily |
| ho | Helleborus orientalis | Lenten-rose |
| hs | Hemerocallis 'Stella Doro' | Stella Doro daylily |
| ht | Helianthus tuberosus | Jerusalem artichoke |
| ig | Iris germanica | German bearded iris |
| pa | Phytolacca americana | Pokeweed |
| pe | Paeonia sp. | Peony, unspecified |
| ph | Phacelia covillei | Buttercup scorpionweed |
| ps | Phlox paniculata | Garden phlox |
| rd | Rudbeckia hirta | Black-eyed Susan |
| rs | Rubus sp.* | Bramble |
| yf | Yucca filamentosa | Adam's needle yucca |

**Vines**

| | | |
|---|---|---|
| ag | Ampelopsis glandulosa* | Porcelain berry |
| hh | Hedera helix* | English ivy |
| pc | Parthenocissus quinquefolia | Virginia creeper |
| pp | Persicaria perfoliata* | Mile-a-minute vine |
| pt | Parthenocissus tricuspidata | Boston ivy |
| ss | Smilax sp.* | Greenbriar, unspecified |
| tr | Toxicodendron radicans | Poison ivy |
| vm | Vinca major* | Bigleaf periwinkle |
| vr | Vitis riparia | Riverbank grape |

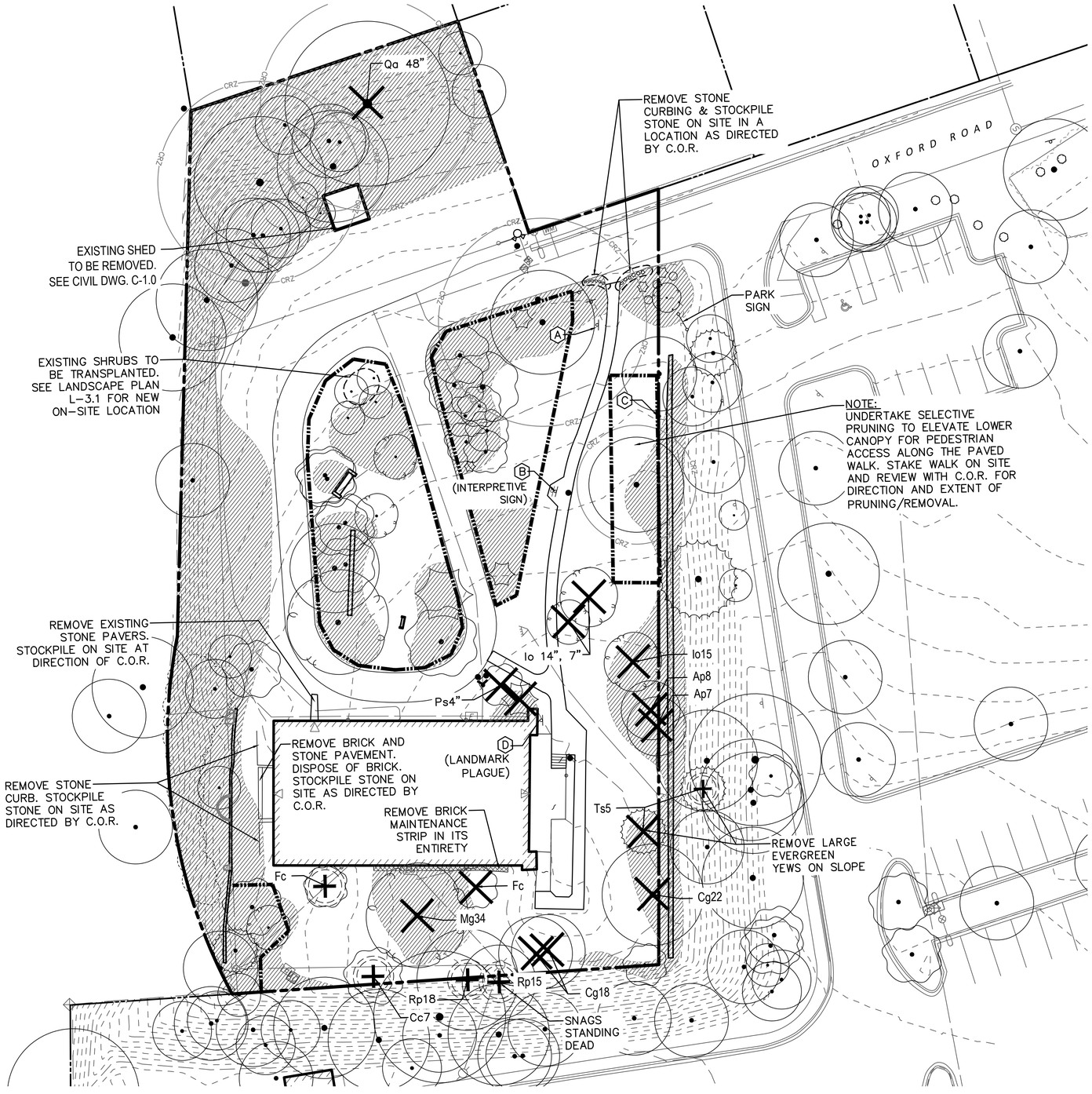
LEGEND

- Deciduous tree
- Evergreen tree
- Broadleaf evergreen tree
- Ornamental tree
- Evergreen shrub
- Deciduous shrub
- Leaf litter/duff or planting bed
- Woodland
- CRZ — Critical Root Zone

SCALE (A) 20 0 20 40
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: GDV<br>DRAWN: GM<br>TECH. REVIEW: PFV<br>DATE: 1/10/2025 | SUB SHEET NO. EC-1.1 | TITLE OF SHEET<br>EXISTING CONDITION PLAN<br>CLARA BARTON NATIONAL HISTORIC SITE CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF ____ |

Filename: Z:\CT HL Projects\NPS CLBA Clara Barton DD-CD\CLBA CD Drawings\CLBA EC-1.1_Existing Condition Plan Ht. 3 Jan 25.dwg Date: 1/8/2025 Time: 16:12 User: ht-ct 9 Layout: EC 1.1 EXISTING CONDITION

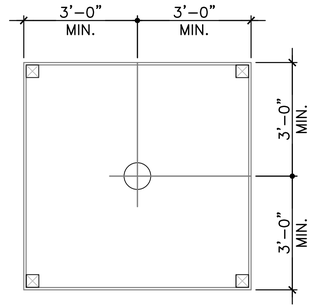



1 REMOVALS & PROTECTION PLAN
SCALE (A)

NOTES:
1. USE UNTREATED LUMBER FOR TREE PROTECTION FENCING.

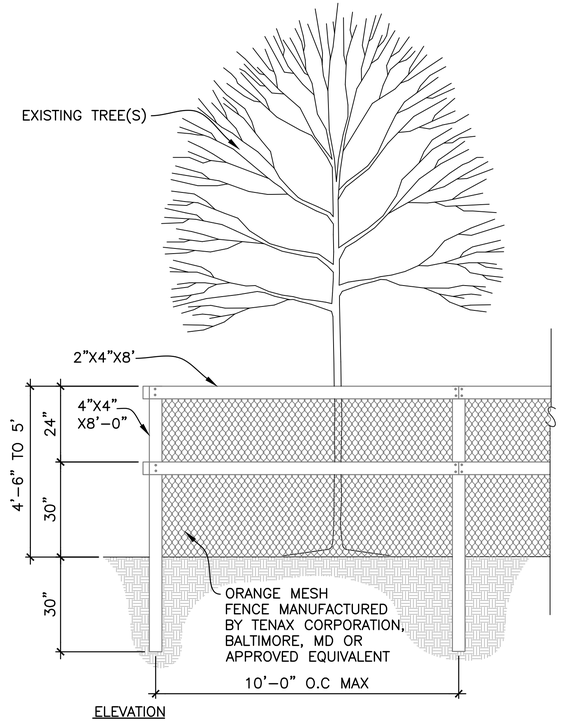
2. SEE PLAN FOR EXTENT AND LOCATION OF FENCE. LOCATE ON SITE COR. SPACE POSTS AT ±10'-0" O.C MAXIMUM.

3. INSTALL TREE PROTECTION FENCING TO DRIP LINE OF TREE OR AS SHOWN ON SHEET LR-1.2 LANDSCAPE PROTECTION.




SEE PLAN LR-1.1 FOR EXTENT OF TREE PROTECTION

PLAN FOR SINGLE TREE




ELEVATION

2 LR1.1 PLAN & ELEVATION: TREE PROTECTION FENCING
SCALE (B)

## KEY

- PROPERTY LINE
- 1 FT CONTOUR
- SIGNAGE INFORMATIONAL
- TREE PROTECTION FENCING
- TREE REMOVAL (APPROVED)
- TREE REMOVAL (PENDING REVIEW & APPROVAL)
- REMOVE BRICK
- —CRZ— CRITICAL ROOT ZONE

## GENERAL NOTES:

1. SEDIMENTATION AND EROSION CONTROL MEASURES TO BE IN PLACE PRIOR TO ANY LANDSCAPE REMOVAL OPERATIONS. SEE CIVIL DRAWINGS C-2.0 EROSION AND SEDIMENTATION CONTROL, C-14 AND C-15.
2. SEE CIVIL DRAWINGS C-1.0 DEMOLITION PLAN FOR HARDSCAPE REMOVALS, SITE ACCESS AND CONSTRUCTION FENCE LOCATION, DETAILS
3. SEE CIVIL DRAWINGS C-1.0 DEMOLITION PLAN FOR CONSTRUCTION STAGING AND MATERIALS STORAGE AREA

## REMOVAL NOTES:

(A)- REMOVE AND SALVAGE SIGN PANEL FOR REINSTALLATION

(B)- REMOVE AND SALVAGE INTERPRETIVE SIGN FOR REINSTALLATION

(C)- REMOVE AND STORE BIKE RACK FOR REINSTALLATION

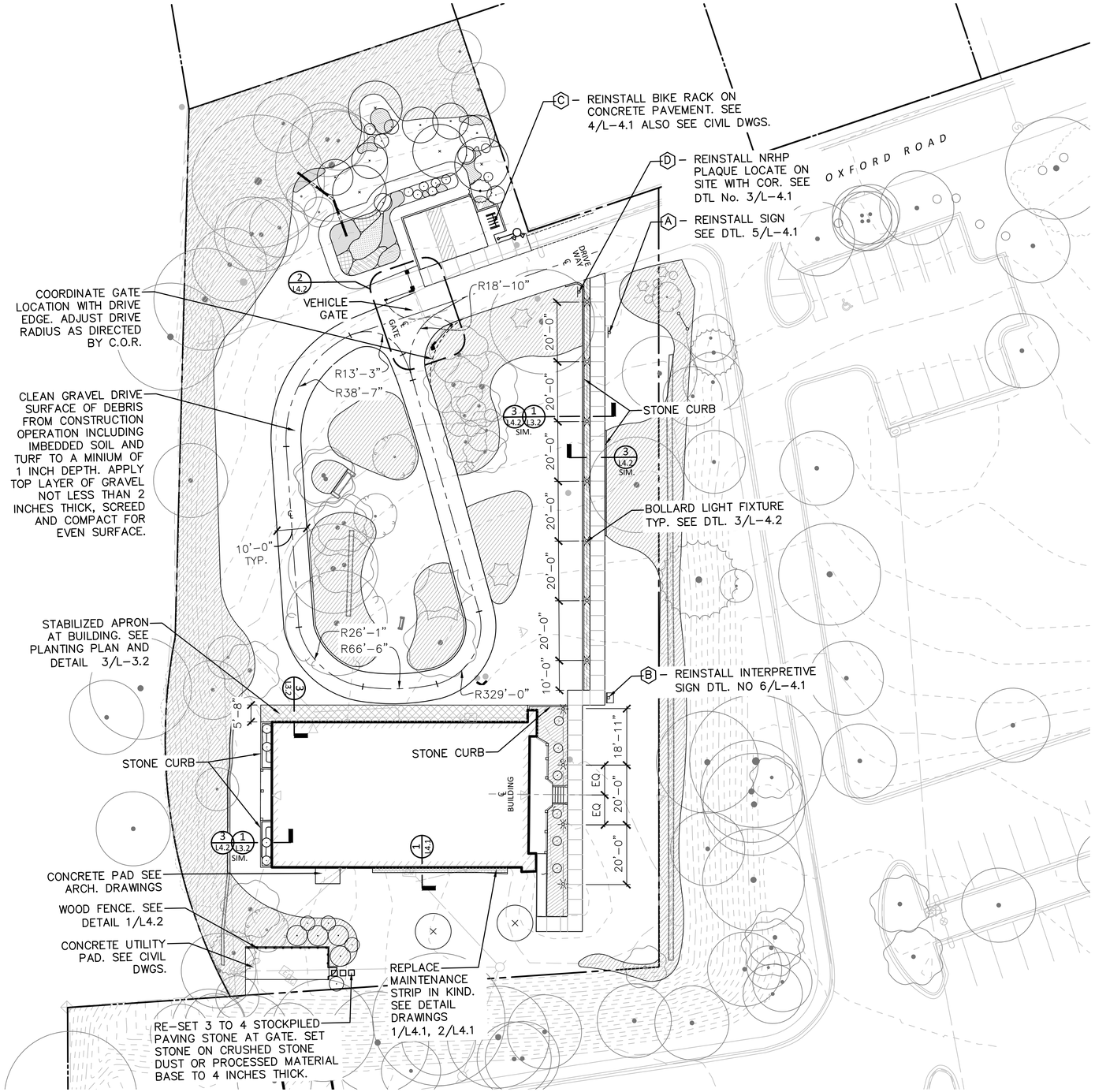
(D)- LIFT NATIONAL LANDMARK PLAGUE/STONE AND STORE FOR REINSTALLATION

SCALE (B) 2' 0 2' 4'
SCALE OF FEET

SCALE (A) 20' 0 20' 40'
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: GDV<br>DRAWN: GM<br>TECH. REVIEW: PFV<br>DATE: 1/10/2025 | SUB SHEET NO. LR-1.1 | TITLE OF SHEET<br>REMOVALS & PROTECTION PLAN<br>CLARA BARTON NATIONAL HISTORIC SITE CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF ____ |

Filename: Z:\CT HL Projects\NPS CLBA Clara Barton DD-CD\CLBA CD Drawings\CLBA LR-1.1_Removals and Protection Plan HL 3 Jan 25.dwg Date: 1/8/2025 Time: 15:57 User: hl-cd 9 Layout: LR 1.1 Removals And Protection




## 1 LAYOUT PLAN
SCALE A

## NOTES

1. LAWN AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED. DECOMPACT SOIL AND ADD ORGANIC MATERIAL. SEE LAWN RESTORATION SPECIFICATION SECTION 329.
2. RESTORE AND RESEED ALL AREAS DISTURBED BY INSTALLATION OF UTILITIES AND BY CONSTRUCTION.

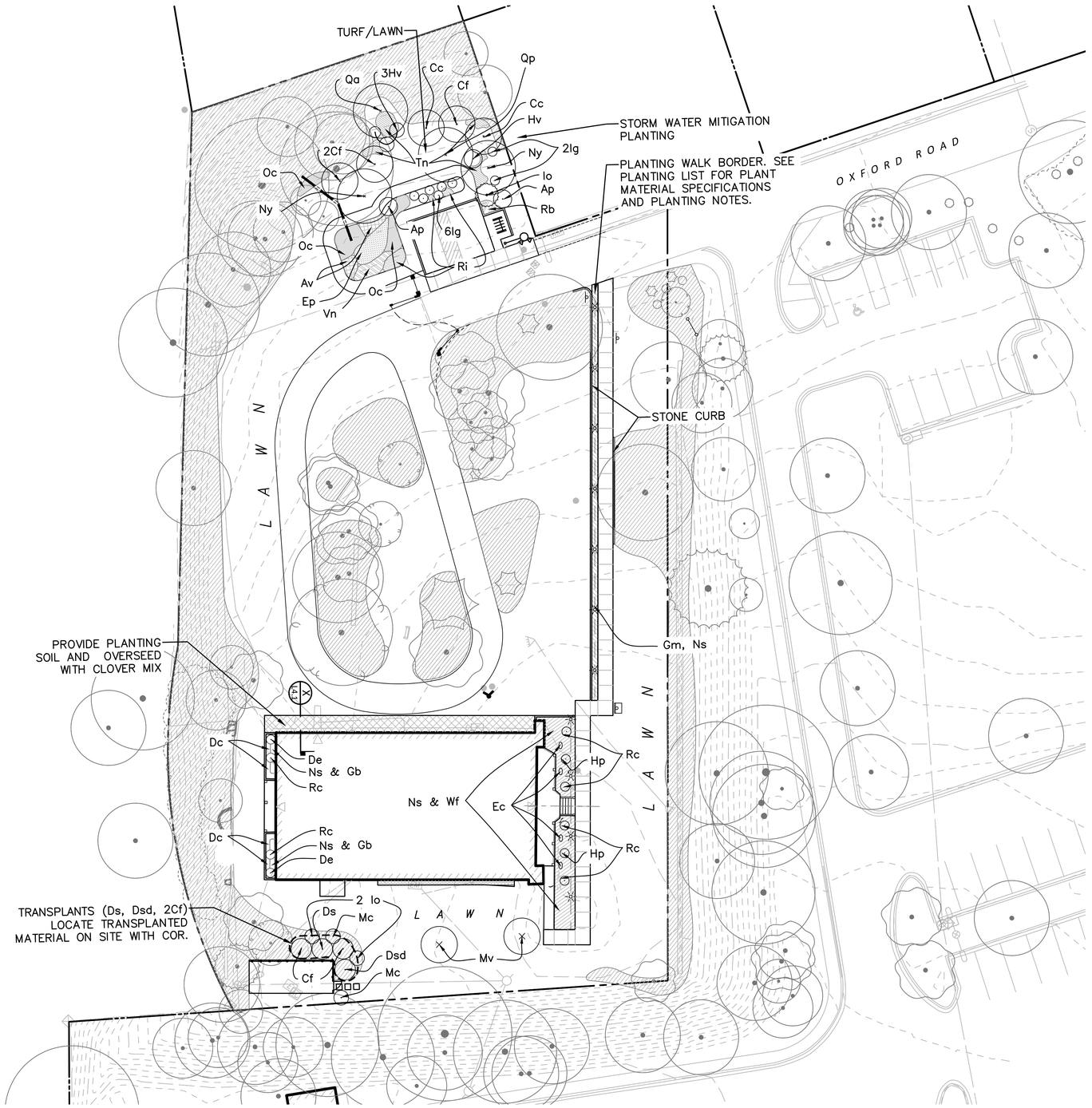
## GENERAL NOTES:

1. COORDINATE LANDSCAPE IMPROVEMENTS WITH SITE IMPROVEMENTS AS DETAILED ON CIVIL DRAWINGS C–3.0 SITE PLAN.
2. SEE CIVIL DWG C–4.0 GRADING AND DRAINAGE PLAN FOR SITE GRADING. SEE PLANTING DETAILS L–3.2 FOR LANDSCAPE PLANTING SOIL DEPTHS AND AMENDMENT REQUIREMENTS
3. NOTIFY C.O.R OF SITE CONDITIONS WHICH ARE NOT SUITABLE FOR THE PLACEMENT OR CONSTRUCTION OF LANDSCAPE IMPROVEMENTS. DO NOT PROCEED WITH WORK UNTIL SUITABLE CONDITIONS ARE ACHIEVED.

SCALE A 20 0 20 40
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: GDV<br>DRAWN: GM<br>TECH. REVIEW: PFV<br>DATE: 1/10/2025 | SUB SHEET NO. L–1.1 | TITLE OF SHEET: Landscape Layout Plan<br>CLARA BARTON NATIONAL HISTORIC SITE<br>CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF ____ |

Filename: Z:\CT HL Projects\NPS CLBA Clara Barton DD-CD\CLBA CD Drawings\CLBA L-1.1_Layout Plan HL 3 Jan 25.dwg Date: 1/9/2025 Time: 10:04 User: hl-d19 Layout: L-1.0




1 PLANTING PLAN
SCALE (A)

SCALE (A) 20 0 20 40
SCALE OF FEET

# GENERAL PANTING NOTES:

1. DO NOT PROCEED WITH SOIL PLACEMENT/AMENDMENTS OR PLANTING OPERATIONS UNTIL SITE CONDITIONS AND FINAL GRADES ARE SATISFACTORY FOR PLANTING OPERATIONS. NOTIFY C.O.R OF SITE CONDITIONS AND AWAIT DIRECTION.
2. REVIEW SOIL PLACEMENT AND AMENDMENT PROCEDURES WITH C.O.R. MODIFY AS DIRECTED.
3. SEE CIVIL ENGINEERING PLANS FOR BIO-RETENTION SOIL MIX.
4. COORDINATE THE SCHEDULE FOR ROOT PRUNING AND TRANSPLANTING OPERATIONS OF SELECTED SHRUBS WITH THE OVERALL BUILDING AND SITE CONSTRUCTION SCHEDULE. SHRUB MATERIALS SHALL BE REMOVED AND PLANTED WITHIN A 48 HOUR TIME SPAN. SHRUB ROOT BALLS SHALL BE KEPT WRAPPED AND WATER WHILE OUT OF GROUND. SEE SPECIFICATION SECTION 329600 TRANSPLANT.
5. CONTRACTOR TO COUNT STAKE PLANT MATERIALS ON SITE AND REVIEW WITH C.O.R. CONTRACTOR SHALL ADJUST PLANTINGS AS DIRECTED BY C.O.R.
6. ALL LAWN AREAS AFFECTED BY CONSTRUCTION OPERATIONS SHALL BE DE-COMPACTED BY AERATING, THATCHED AND OVER SEEDED. SEE SPECIFICATION SECTION 329200 LAWN/TURF ESTABLISHMENT.
7. LAWN AREAS WITHIN CONSTRUCTION STAGING OR MATERIAL STOCKPILING AREA SHALL BE LOOSENED BY MACHINE TO A 6 INCH DEPTH, PLANTING SOIL ADDED, FINE GRADED AND RE-SEEDED.
8. PLANTED AREAS WITHIN THE CENTER OF THE GRAVEL DRIVE SHALL HAVE THE PLANT BED BORDERS RE-CUT AS DIRECTED BY THE C.O.R. APPLY ORGANIC MULCH TO A 3 INCH DEPTH.
9. RE-DEFINE THE WOODLINE EDGES AT THE PROPERTY PERIMETER AS INDICATED, RE-ESTABLISH LAWN AND CUT WOODLAND EDGE. APPLY ORGANIC MULCH 1 FOOT WIDE INTO THE WOODLAND.

PLANT MATERIALS LIST BASE CONTRACT WORK

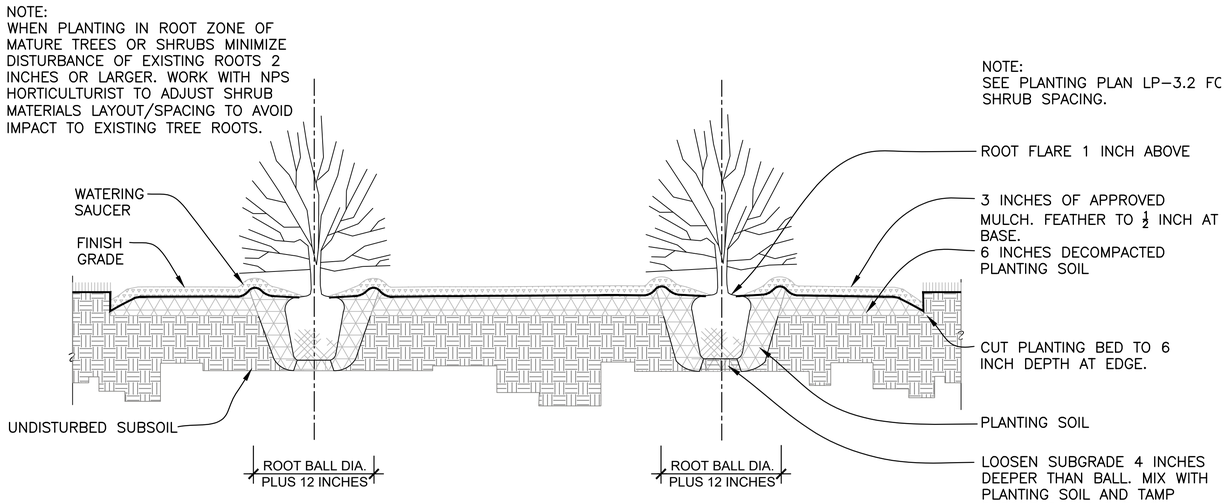
| QTY | KEY | SCIENTIFIC NAME | COMMON NAME | SIZE & NOTES |
|---|---|---|---|---|
| **TREES** | | | | |
| 2 | Mv | Magnolia virginiana | Sweetbay magnolia | 1"–1.5" cal. |
| 2 | Io | Ilex opaca | American holly | 5'–6' ht. (branched to the ground) |
| 2 | Mc | Morella cerifera | Wax myrtle | 36" B&B |
| **SHRUBS** | | | | |
| 2 | Hp | Hydrangea paniculata 'Grandiflora' | Peegee hydrangea | 42" B&B |
| 6 | Rc | Rosa Coral Knock Out® | Coral Knock Out® rose | 3 gal. |
| 2 | De | Deutzia Yuki Kabuki | Deutzia | 2 gal. |
| **HERBACEOUS SPECIES** | | | | |
| 35 | Dc | Dianthus caryophyllus 'La France' | Clove pink carnation | 1 qt. |
| 4 | Ec | Eschscholzia californica | California poppy | 1 qt. |
| 150 | Gm | Geranium maculatum | Wild geranium | 1 qt. |
| 500 | Hl | Hosta lancifolia | Narrow-leaved hosta | 1 gal. (to be located on site by C.O.R.) |
| 150 | Ns | Narcissus spp. | Heirloom daffodil | 1 bulb |
| 175 | Wf | Waldstenia fragarioides | Barren Strawberry | 1 qt. |

STORM WATER MITIGATION PLANT MATERIAL

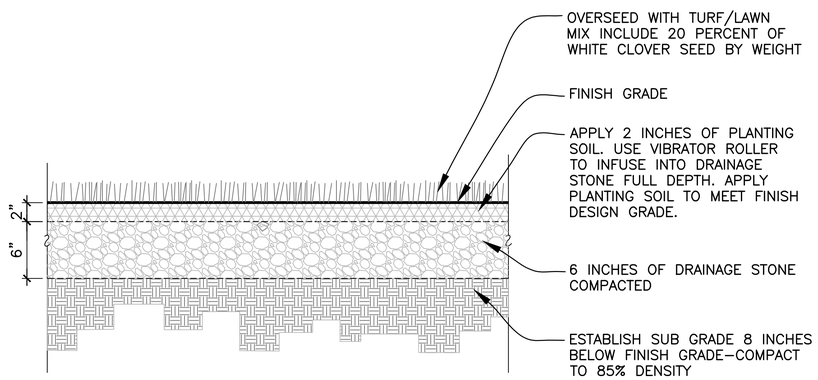
| QTY | KEY | SCIENTIFIC NAME | COMMON NAME | SIZE & NOTES |
|---|---|---|---|---|
| **TREES** | | | | |
| 1 | Cc | Carpinus caroliniana | American hornbeam | 1"–1.5" cal. B&B |
| 3 | Cf | Cornus florida | 'Appalachian Spring' Flowering dogwood | 0.75"–1" cal. B&B |
| 1 | Io | Ilex opaca | American Holly | 5'–6' ht. (branched to the ground) |
| 2 | Ny | Nyssa sylvatica | Black gum | 37 1.5"–2" cal. B&B |
| 1 | Qa | Quercus alba | White oak | 1.5"–2" cal. B&B |
| 1 | Qp | Quercus palustris | Pin oak | 1.5"–2" cal. B&B |
| **SHRUBS** | | | | |
| 2 | Ap | Aesculus pariviflora | Bottlebrush buckeye | 36" B&B |
| 4 | Hv | Hamemelis virginiana | Witch-hazel | 36" B&B |
| 8 | Ig | Ilex glabra | Inkberry | 36" B&B |
| **HERBACEOUS SPECIES** | | | | |
| 31 | Av | Andropogon virginicus | Broomsedge | 1 gal. |
| 46 | Ep | Eupatorium perpurea | Joe Pye Weed | 1 gal. |
| 192 | Oc | Osmunda cinnamomea | Cinnamon fern | 2 1/4 "POT |
| 65 | Rl | Rudbeckia laciniata | Tall coneflower | 1 gal. |
| 84 | Tn | Thelypteris noveboracensis | New York fern | 2 1/4 "POT |
| 52 | Vn | Vernonia noveboracensis | New York Ironweed | 1 gal. |

| | | | |
|---|---|---|---|
| DESIGNED: GDV / GM<br>TECH. REVIEW: PFV<br>DATE: 1/10/2025 | SUB SHEET NO. L-3.1 | TITLE OF SHEET: Landscape Planting Plan<br>CLARA BARTON NATIONAL HISTORIC SITE CLBA | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF ____ |

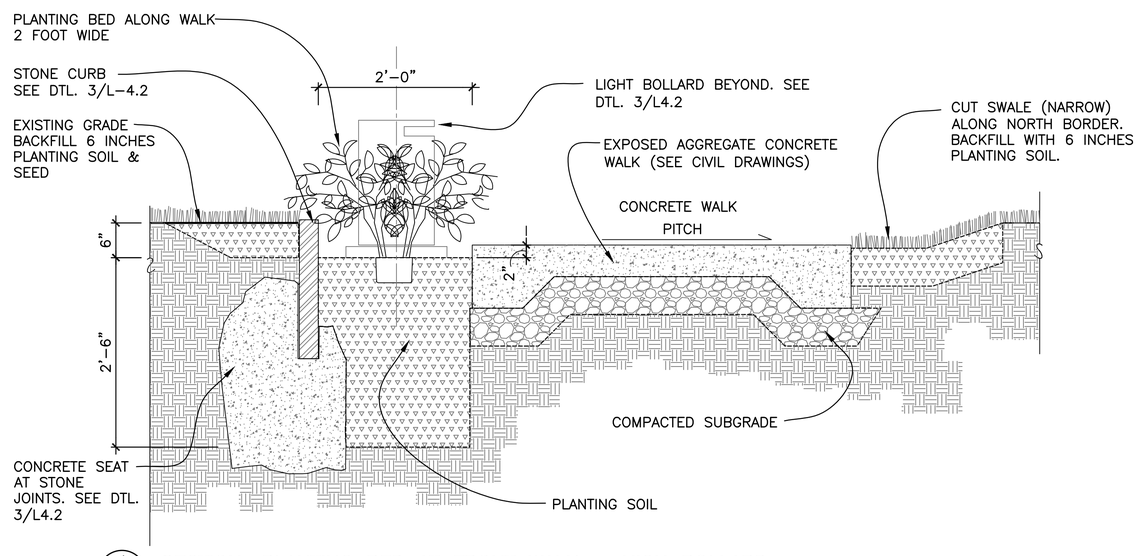
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2 / 3.2 SECTION: PLANTING BED TYP.
SCALE: 1/2" = 1'-0"




3 / 3.2 SECTION: STABILIZED APRON
SCALE: 1 1/2" = 1'-0"

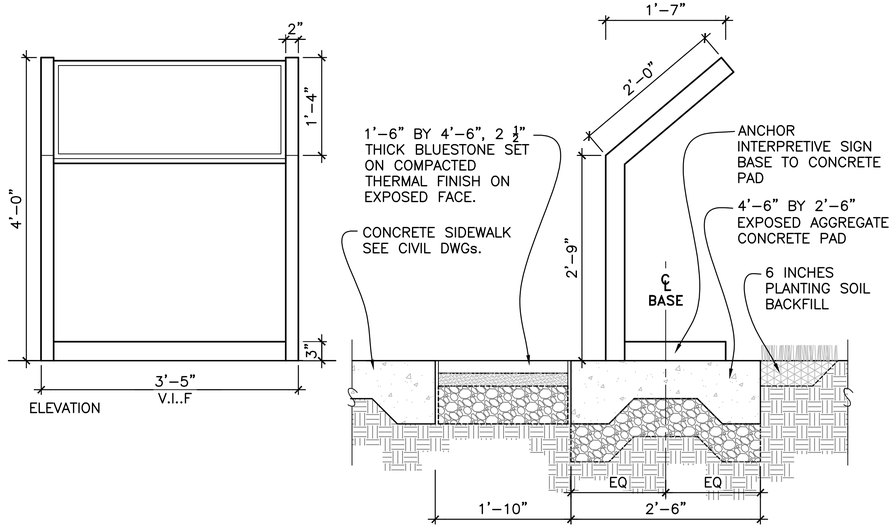



1 / 3.2 SECTION: PLANTING BED AT FRONT WALK – HIGH BOLLARD
SCALE: 1" = 1'-0"

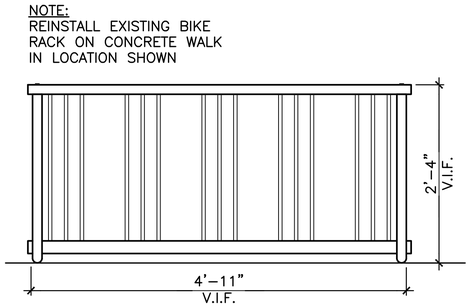
SCALE: 1"=1'-0" 1' 0 1' 2'
SCALE OF FEET

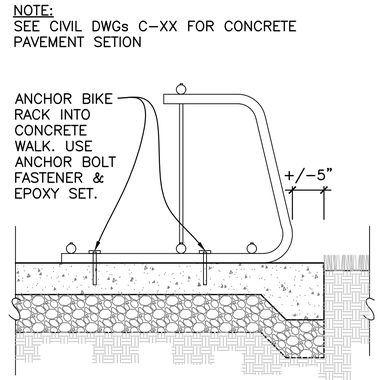
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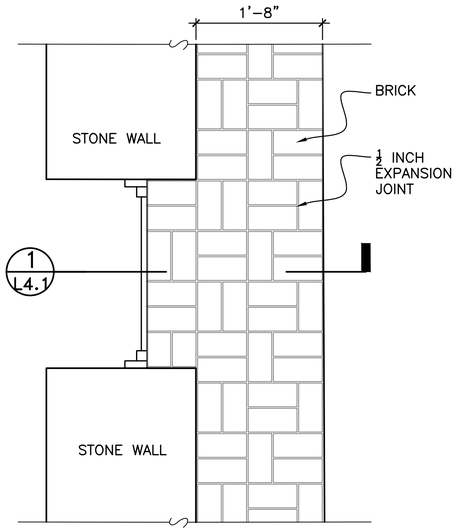



6 L4.1 **ELEVATION & SECTION: SIGN (B)**
SCALE: 1" = 1'-0"

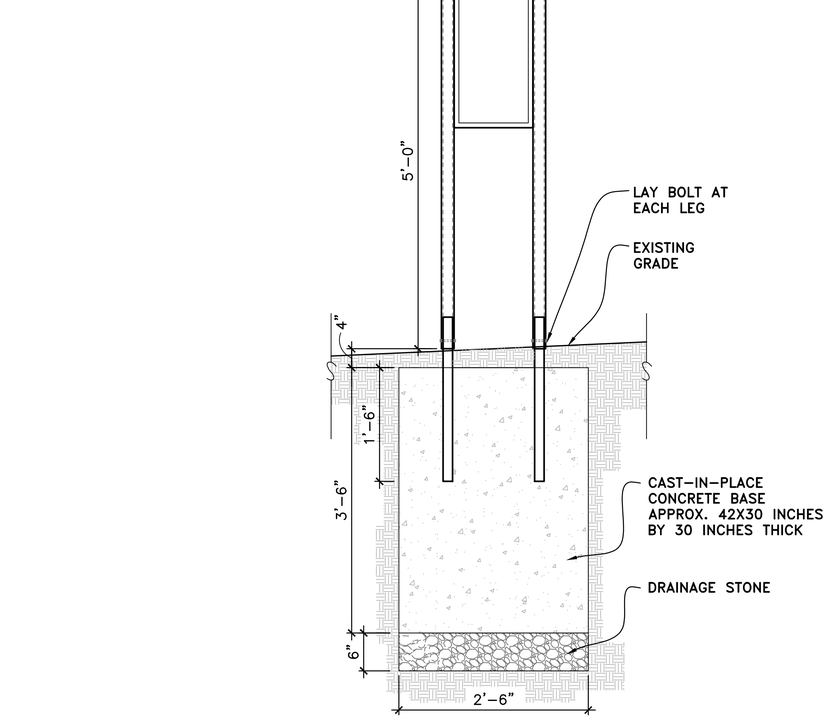



4 L4.1 **ELEVATION & SECTION:BIKE RACK (C)**
SCALE: 1" = 1'-0"

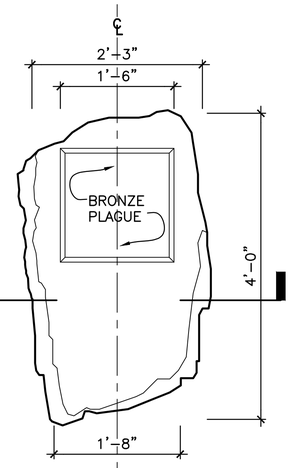



2 L4.1 **PLAN: MAINTENANCE STIP**
SCALE: 1" = 1'-0"

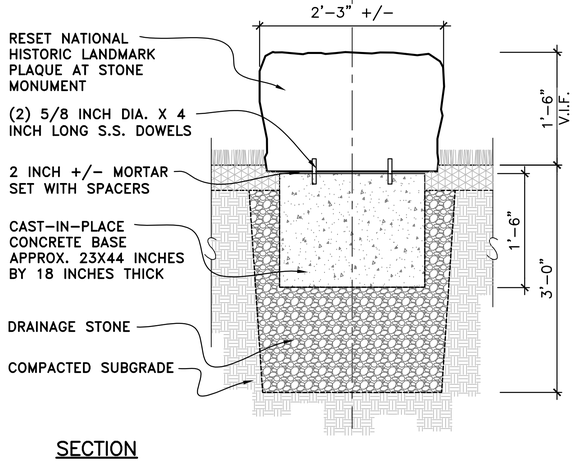



5 L4.1 **ELEVATION: SIGN (A)**
SCALE: 1" = 1'-0"

NOTE:
DIMENSIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY IN FIELD AND ADJUST FOOTING ACCORDINGLY. UNDERSIDE/ BOTTOM OF STONE IS UNKNOWN. CONTRACTOR TO MAKE ACCOMMODATION FOR SETTING ON FOOTING.

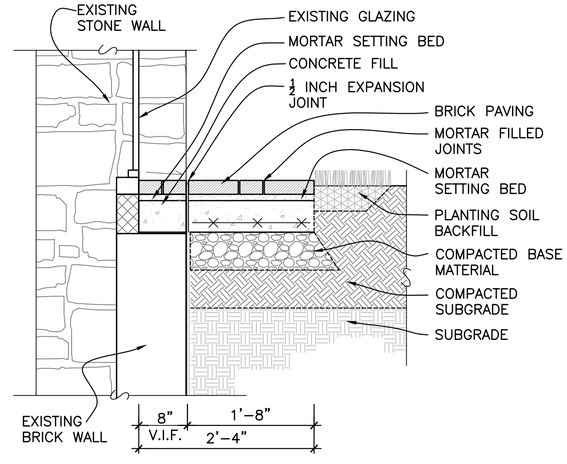



PLAN




SECTION

3 L4.1 **PLAN: LANDMARK PLAQUE (D)**
SCALE: 1" = 1'-0"




1 L4.1 **SECTION: MAINTENANCE STIP**
SCALE: 1" = 1'-0"

SCALE: 1"=1'-0" 1' 0 1' 2'
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: GDV<br>DRAWN: GM<br>TECH. REVIEW: PFV<br>DATE: 1/10/2025 | SUB SHEET NO. L-4.1 | TITLE OF SHEET<br>Landscape Details<br>CLARA BARTON<br>NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF ____ |

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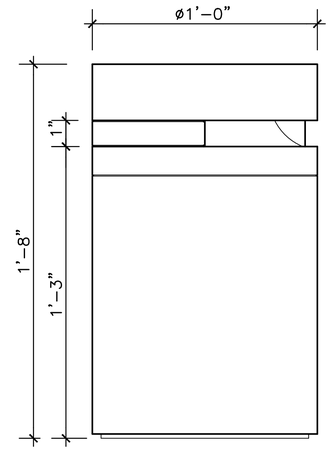
# BEGA

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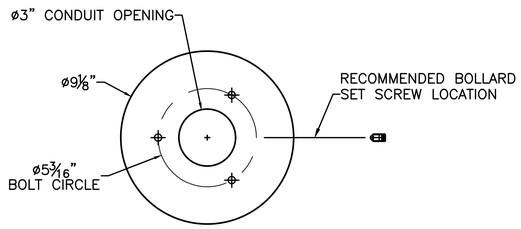
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TEST LAB: BEGA
DATE: 10/24/2017
LUMINAIRE: 77 787
LAMP: 6.2W LED



NOTE:
LUMINAIRE # 77 787 – SEE SPECIFICATIONS



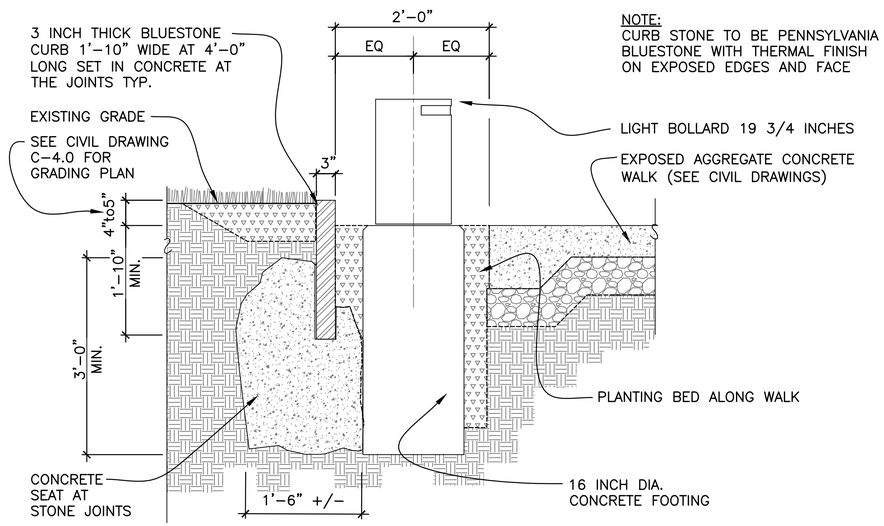

ELEVATION



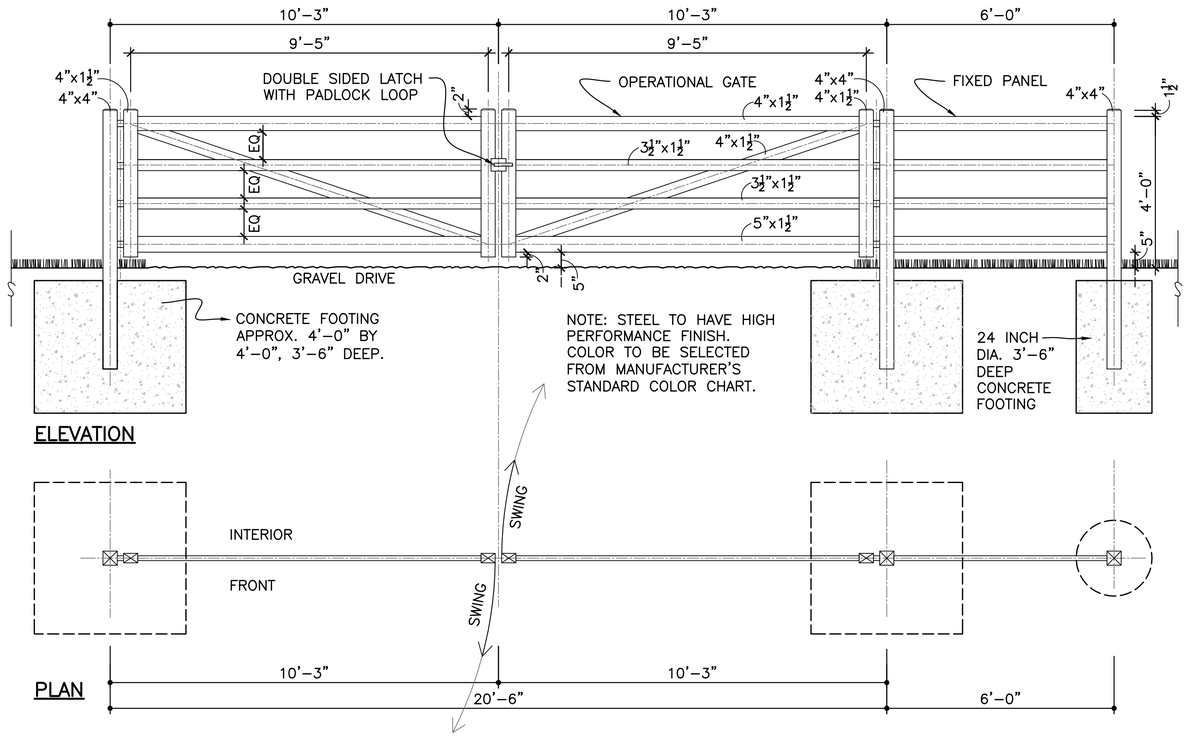

79 818 TEMPLATE

PLAN

## 4 / 4.2 ELEVATION & PLAN: BOLLARD LIGHT FIXTURE
SCALE: 1" = 1'–0"



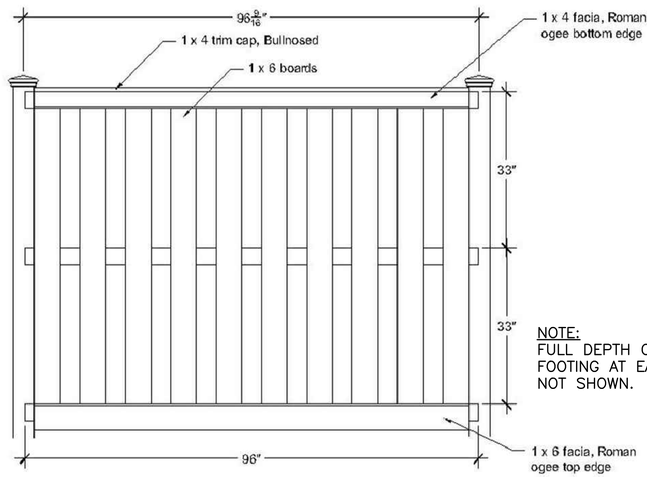

## 3 / L4.2 SECTION: PLANTING BED AT FRONT WALK – HIGH BOLLARD
SCALE: 1" = 1'–0"




## 2 / L4.2 ELEVATION & PLAN: VEHICLE GATE (STEEL)
SCALE: 1/2" = 1'–0"

NOTE:

- BOARD ON BOARD FENCE WHITE CEDAR WITH OPAQUE DARK GREEN STAIN (COLOR TO BE SELECTED FROM STANDARD COLOR CHARTS)
- FENCE HEIGHT AT 6'–0" TO TOP OF PANEL.
- BOTTOM: 1"X6" S4S BOARDS ALTERNATING (BOARD ON BOARD). 1 1/4 INCH OVERLAP TYP.
- TOP: 1"X5" CAP WITH BULL NOSE.
- DRESSING: TOP FASCIA 1"X4" WITH ROUTED EDGE. BOTTOM FASCIA 1"X6" WITH ROUTED EDGE. BOTTOM FASCIA OPTIONAL.
- CONSTRUCTION: CEDAR RAILS, MORTISED.
- FENCE POST 4X4 CEDAR.
- PROVIDE SINGLE PANEL PEDESTRIAN GATE AT LOCATION INDICATED ON THE PLAN (DWG L–1.1)
- ANCHOR FENCE PANELS AND GATE ON TOP OF CONCRETE SLAB. INSTALL FULL DEPTH 12 INCH DIAMETER FOOTING FOR EACH POST BELOW SLAB.
- FENCE PANELS AND GATE AVAILABLE AT ATLAS FENCE 30 NORTHEAST INDUSTRIAL ROAD BRANFORD, CT 06405 OR APPROVED EQUIVALENT.

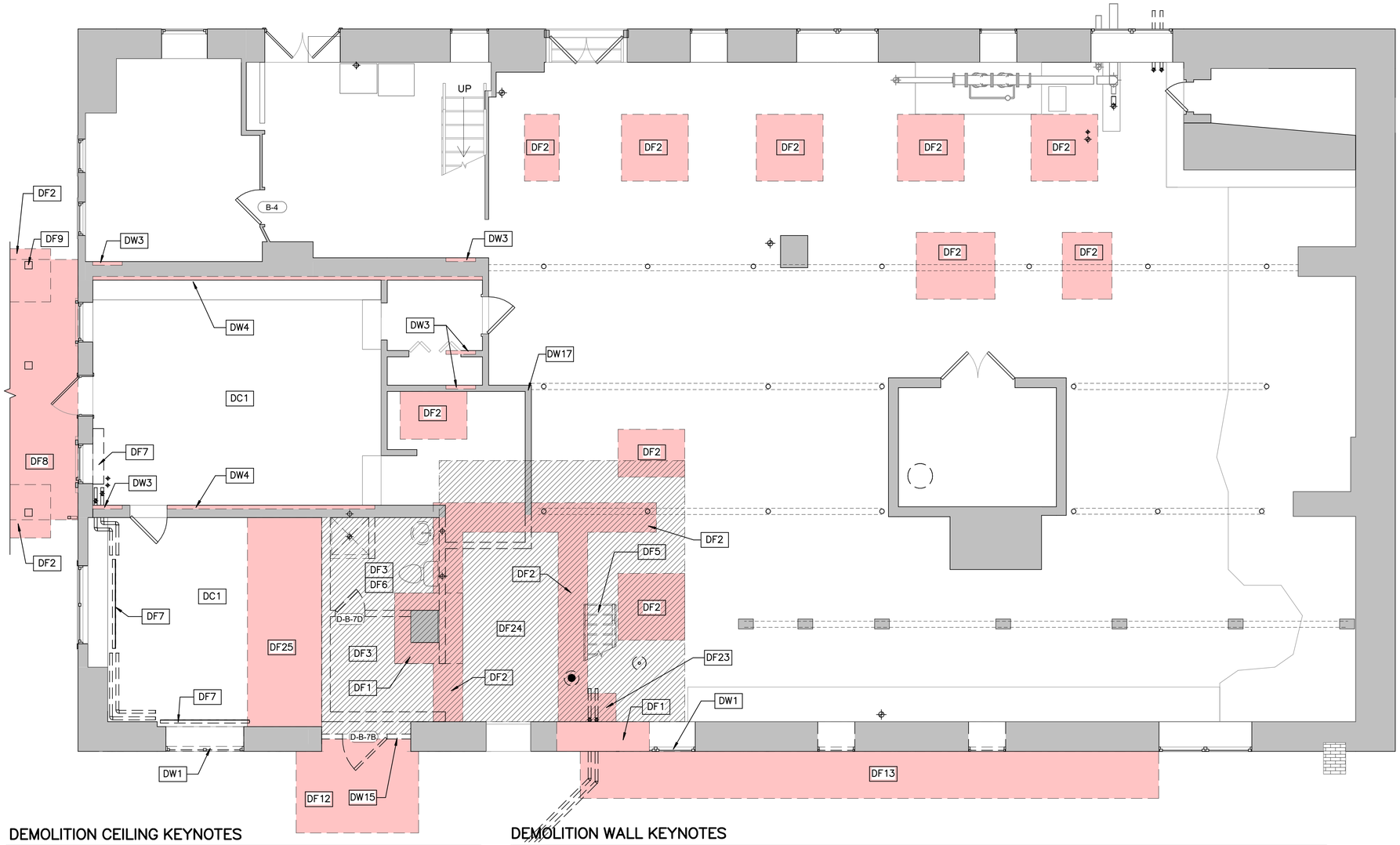



## 1 / L4.2 ELEVATION: BOARD ON BOARD
SCALE: 3/4" = 1'–0"

SCALE: 1"=1'–0" 1' 0 1' 2'
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: GDV / GM / TECH. REVIEW: PFV / DATE: 1/10/2025 | SUB SHEET NO. L–4.2 | TITLE OF SHEET: Landscape Details — CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 / 179603; PMIS/PKG NO. 312325; SHEET ____ OF ____ |

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## DEMOLITION FLOOR KEYNOTES

- DF 1 EXCAVATE AS NECESSARY FOR UNDERPINNING. REFER TO STRUCTURAL DRAWINGS.
- DF 2 EXCAVATE AS NECESSARY FOR INSTALLATION OF NEW CONCRETE FOOTER. REFER TO STRUCTURAL DRAWINGS FOR NEW COLUMN AND SHEAR WALL LOCATIONS.
- DF 3 REMOVE FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB.
- DF 4 REMOVE COUNTERS, CABINETRY, SINK, AND REFRIGERATOR FROM THIS ROOM.
- DF 5 REMOVE EXISTING STAIR AND RAILINGS.
- DF 6 REMOVE EXISTING SHOWER, SINK, AND TOILET. REFER TO PLUMBING DRAWINGS. REMOVE EXISTING MILLWORK AND TOILET ACCESSORIES.
- DF 7 REMOVE EXISTING FAN COIL OR CONVECTION HEAT UNIT. REFER TO MECHNAICAL DRAWINGS.
- DF 8 REMOVE EXISTING CONCRETE SLAB AND BRICKWORK. PREPARE AS NECESSARY FOR NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS.
- DF 9 REMOVE EXISTING (3) POSTS. TEMPORARILY SUPPORT BUILDING OVERHAND PRIOR TO INSTALLATION OF NEW POST AND BEAM SYSTEM. REFER TO STRUCTURAL DRAWINGS.
- DF 10 REMOVE PORTION OF EXISTING FLOOR AS NECESSARY TO INSTALL NEW FLOOR MOUNTED REGISTER. WITHIN THE MAIN HALL CLOSETS, PROPOSED FLOOR OPENINGS ARE FOR VERTICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
- DF 11 REMOVE FLOOR AS NECESSARY FOR INSTALLATION OF NEW STAIRWELL AND VERTICAL PLATFORM LIFT. SALVAGE ALL WOOD FOR REINSTALLATION AT NEW STAIRWELL LANDINGS.
- DF 12 REMOVE EXISTING BURIED STORM PIPE. CONFIRM LOCATION OF DAYLIGHTING. PREP GROUND FOR NEW SLAB.
- DF 13 REMOVE AND SALVAGE PAVERS. REFER TO LANDSCAPE DRAWINGS.
- DF 14 REMOVE EXISTING FRONT PORCH SYSTEM (DECK, APRON, FRAMING, COLUMNS, PORTICO, FOUNDATIONS, RAMP, STAIR) TO PREPARE FOR INSTALLATION OF NEW PORCH.
- DF 15 CAREFULLY REMOVE EXISTING ASBESTOS FLOORING LAYERS DOWN TO SUBSTRATE. REFER TO HAZARDOUS MATERIALS REPORT.
- DF 16 REMOVE TEMPORARY SHORING AFTER COMPLETION OF STABILIZATION WORK.
- DF 17 EXISTING HISTORIC WOOD STOVE TO REMAIN. INSTALL TEMPORARY PROTECTION THROUGHOUT CONSTRUCTION.
- DF 18 REMOVE EXISTING FLOORING OR ROOFING AREA FOR INSTALLATION OF NEW FIRE RATED SHAFT. REFER TO PARTITION TYPES AND STRUCTURAL DRAWINGS. REFER TO DETAIL 3/ A–5.11 FOR ROOF DETAIL.
- DF 19 REMOVE EXISTING PLUMBING FIXTURES FOR REPLACEMENT. REMOVE SPECKLED VINYL FLOOR TILE. REFER TO RBM SURVEY.
- DF 20 REMOVE EXISTING FLOORING AREA FOR INSTALLATION OF NEW STRUCTURAL COLUMN, SPRINKLER STANDPIPE, OR VERTICAL DUCTWORK. REFER TO STRUCTURAL, FIRE PROTECTION, AND HVAC DRAWINGS.
- DF 21 REMOVE EXISTING FLOORING AREA TO INSTALL FIRE BLOCKING BETWEEN JOISTS (TO PROTECT NEW EGRESS STAIRWELL FROM ADJACENT ROOM). REFER TO PROPOSED FLOOR PLAN.
- DF 22 REMOVE EXISTING BALCONY AND RAILING. TAKE CARE NOT TO DAMAGE EXISTING FRAMING OR BRACKET POCKETS. NOTIFY ARCHITECT TO OBSERVE CONDITIONS.
- DF 23 REMOVE EXISTING SLAB AREA TO INSTALL NEW ELECTRICAL CT CABINET PIPING. EXCAVATE TO 3'–0" BELOW FLOOR.
- DF 24 REMOVE CONCRETE SLAB FOR REPLACEMENT AFTER UNDERPINNING. REFER TO DIAGONAL HATCHED LOCATION (APPROXIMATELY 280 SF).
- DF 25 REMOVE WOOD FLOOR CONSTRUCTION FOR REPLACEMENT AFTER UNDERPINNING.

## DEMOLITION CEILING KEYNOTES

- DC 1 REMOVE EXISTING GYPSUM BOARD CEILING TO INSTALL NEW STRUCTURAL FRAMING. REFER TO STRUCTURAL DRAWINGS.
- DC 2 CAREFULLY REMOVE EXISTING MUSLIN CEILING (ORIGINAL) UNDER THE CARE OF A CONSERVATOR FOR OFF–SITE CLEANING, REPLACEMENT OF BACKING, AND REINSTALLATION AFTER STRUCTURAL WORK IS COMPLETE.
- DC 3 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. REFER TO REFLECTED CEILING PLAN FOR REPLACEMENT SCOPE.
- DC 4 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. CAREFULLY MITIGATE ASBESTOS BACKING. REVIEW HAZARDOUS MATERIALS REPORT.
- DC 5 REMOVE EXISTING PLASTER CEILING WHERE REQUIRED TO COORDINATE WITH STRUCTURAL WORK. REFER TO PROPOSED REFLECTED CEILING PLANS FOR REPLACEMENT SCOPE.
- DC 6 REMOVE EXISTING DAMAGED PLASTER CEILING FOR REPLACEMENT IN–KIND. REFER TO REFLECTED CEILING PLAN.
- DC 7 REMOVE EXISTING GYPSUM BOARD CEILING FOR REPLACEMENT IN–KIND AFTER STRUCTURAL REINFORCEMENT WORK IS COMPLETE. ASSUME PARTIAL PLASTER CEILING AND LATH BENEATH.
- DC 8 REMOVE EXISTING CEILING SOFFIT CONSTRUCTION.

FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTERS. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION.

## DEMOLITION WALL KEYNOTES

- DW 1 REMOVE EXISTING WINDOW IN PREPARATION FOR NEW LOUVER INSTALLATION. REFER TO MECHANICAL DRAWINGS.
- DW 2 REMOVE AND SALVAGE EXISTING SIDING LAYERS TO INSTALL NEW SHEAR LAYERS. REFER TO PARTITION TYPES, EXTERIOR ELEVATIONS, AND STRUCTURAL DRAWINGS.
- DW 3 CAREFULLY DISMANTLE WOOD FINISH BELOW CEILING. SALVAGE FOR REINSTALLATION. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS.
- DW 4 REMOVE EXISTING WALL FINISH TO INSTALL ADDITIONAL STUDS. REFER TO STRUCTURAL DRAWINGS.
- DW 5 REMOVE WAINSCOT TILE.
- DW 6 FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTER. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION. DEMOLITION–FLOOR
- DW 7 CAREFULLY REMOVE AND SALVAGE EXISTING WALL PORTIONS FOR REINSTALLATION. REFER TO PROPOSED PLAN AND ELEVATIONS. REFER TO A–5.09 AND A–5.10 FOR DEMOLITION SCOPE.
- DW 8 CAREFULLY REMOVE PORTION OF EXISTING WALL TO CREATE ACCESSIBLE 32" CLEARANCE WIDTH.
- DW 9 CAREFULLY REMOVE EXISTING WALL BASE COVE TO MITIGATE ASBESTOS MASTIC. REFER TO HAZARDOUS MATERIALS REPORT.
- DW 10 CAREFULLY REMOVE EXISTING MUSLIN WALL AND CEILING FINISH (PREVIOUSLY RESTORED) TO MITIGATE ASBESTOS BACKING. REFER TO HAZARDOUS MATERIALS REPORT.
- DW 11 REMOVE EXISTING MUSLIN WALL FINISH TO INSTALL NEW INSULATION.
- DW 12 REMOVE EXISTING CHASE PARTITIONS FOR INSTALLATION OF NEW SHEAR WALLS.
- DW 13 REMOVE EXISTING PLASTER WALL FINISH TO INSTALL NEW INSULATION AND STRUCTURAL CONNECTIONS. REFER TO PARTITION TYPES AND STRUCTURAL DRAWINGS.
- DW 15 MODIFY EXISTING WOOD PANELING AS NEEDED TO INTEGRATE NEW DOOR FOR EGRESS. REFER TO PROPOSED PLAN AND DOOR SCHEDULE.
- DW 16 MODIFY DOOR OPENING PER G–0.4 AND DETAILS 1,2,3/ A–6.08.
- DW 17 REMOVE CORNER OF PARTITION INTERSECTION FOR STRUCTURAL BEAM INSTALLATION.
- DW 18 REMOVE EXISTING WALL FINISH ABOVE DOOR FOR INSTALLATION OF HEADER SISTER. REFER TO STRUCTURAL DRAWINGS.
- DW 19 CAREFULLY REMOVE CURIO CABINETS AND STORE FOR REINSTALLATION AFTER THE STRUCTURAL WORK. GLASS MUST BE PROTECTED SO IT DOES NOT BREAK DURING REMOVAL.
- DW 20 REMOVE EXISTING WALL INFILL. HISTORIC WOOD TRIM AT ARCHES TO REMAIN. REMOVE TILE FINISH AT THIS WALL.
- DW 21 REMOVE EXISTING WALL FINISH TO SECURE NEW POST TO EXISTING WALL STUDS. REFER TO STRUCTURAL DRAWINGS.

## DEMOLITION FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- GENERAL AREA OF FLOOR/ROOF DEMO OR EXCAVATION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED/SALVAGED
- GENERAL AREA OF CEILING DEMO

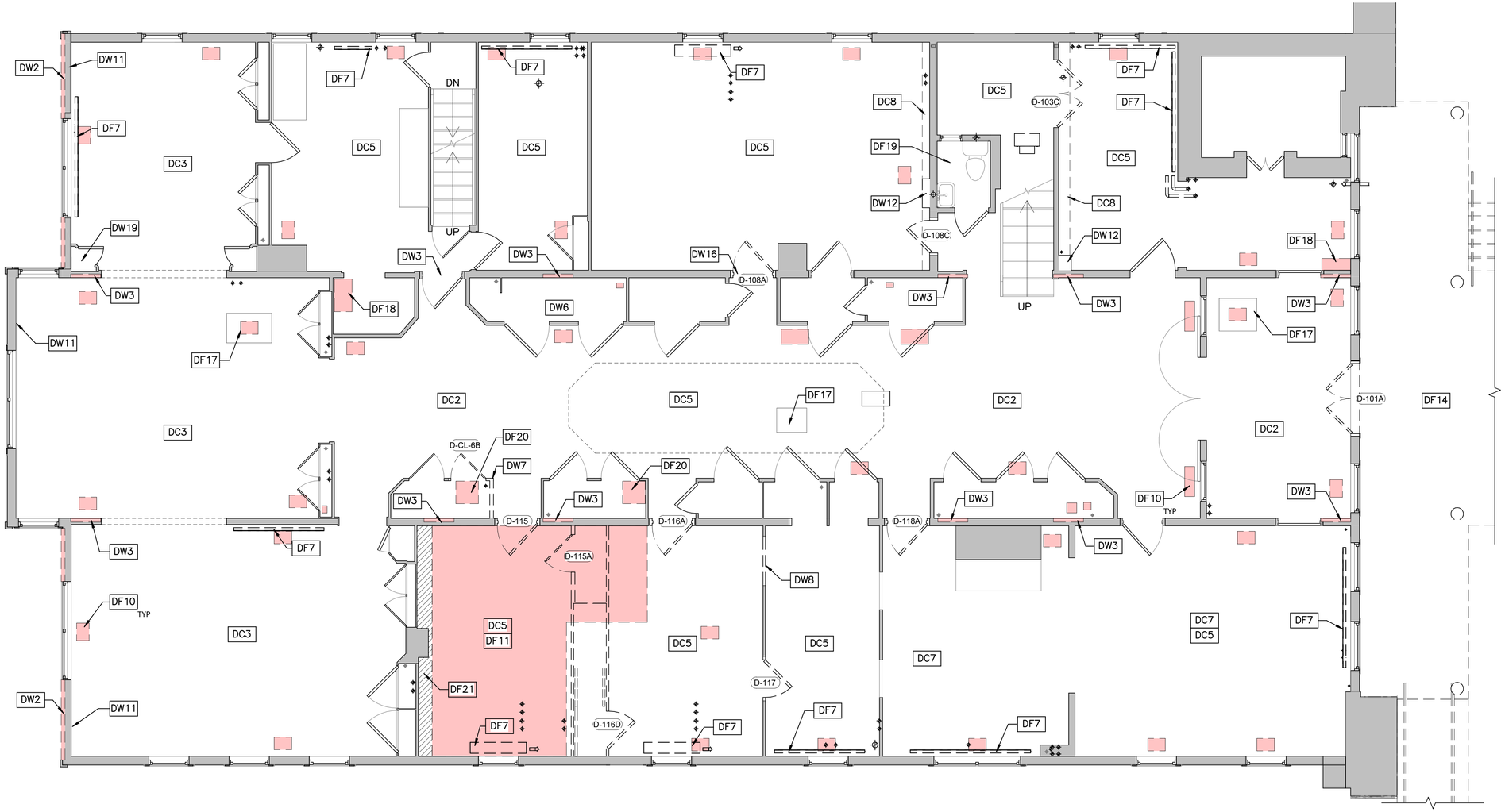
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1 / D–1.0 DEMOLITION BASEMENT PLAN
SCALE Ⓐ

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| DESIGNED: JA | SUB SHEET NO. D–1.0 | TITLE OF SHEET: DEMOLITION BASEMENT PLAN | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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1 D–1.1 DEMOLITION FIRST FLOOR PLAN
SCALE A

## DEMOLITION FLOOR KEYNOTES

- DF1 EXCAVATE AS NECESSARY FOR UNDERPINNING. REFER TO STRUCTURAL DRAWINGS.
- DF2 EXCAVATE AS NECESSARY FOR INSTALLATION OF NEW CONCRETE FOOTER. REFER TO STRUCTURAL DRAWINGS FOR NEW COLUMN AND SHEAR WALL LOCATIONS.
- DF3 REMOVE FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB.
- DF4 REMOVE COUNTERS, CABINETRY, SINK, AND REFRIGERATOR FROM THIS ROOM.
- DF5 REMOVE EXISTING STAIR AND RAILINGS.
- DF6 REMOVE EXISTING SHOWER, SINK, AND TOILET. REFER TO PLUMBING DRAWINGS. REMOVE EXISTING MILLWORK AND TOILET ACCESSORIES.
- DF7 REMOVE EXISTING FAN COIL OR CONVECTION HEAT UNIT. REFER TO MECHNAICAL DRAWINGS.
- DF8 REMOVE EXISTING CONCRETE SLAB AND BRICKWORK. PREPARE AS NECESSARY FOR NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS.
- DF9 REMOVE EXISTING (3) POSTS. TEMPORARILY SUPPORT BUILDING OVERHAND PRIOR TO INSTALLATION OF NEW POST AND BEAM SYSTEM. REFER TO STRUCTURAL DRAWINGS.
- DF10 REMOVE PORTION OF EXISTING FLOOR AS NECESSARY TO INSTALL NEW FLOOR MOUNTED REGISTER. WITHIN THE MAIN HALL CLOSETS, PROPOSED FLOOR OPENINGS ARE FOR VERTICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
- DF11 REMOVE FLOOR AS NECESSARY FOR INSTALLATION OF NEW STAIRWELL AND VERTICAL PLATFORM LIFT. SALVAGE ALL WOOD FOR REINSTALLATION AT NEW STAIRWELL LANDINGS.
- DF12 REMOVE EXISTING BURIED STORM PIPE. CONFIRM LOCATION OF DAYLIGHTING. PREP GROUND FOR NEW SLAB.
- DF13 REMOVE AND SALVAGE PAVERS. REFER TO LANDSCAPE DRAWINGS.
- DF14 REMOVE EXISTING FRONT PORCH SYSTEM (DECK, APRON, FRAMING, COLUMNS, PORTICO, FOUNDATIONS, RAMP, STAIR) TO PREPARE FOR INSTALLATION OF NEW PORCH.
- DF15 CAREFULLY REMOVE EXISTING ASBESTOS FLOORING LAYERS DOWN TO SUBSTRATE. REFER TO HAZARDOUS MATERIALS REPORT.
- DF16 REMOVE TEMPORARY SHORING AFTER COMPLETION OF STABILIZATION WORK.
- DF17 EXISTING HISTORIC WOOD STOVE TO REMAIN. INSTALL TEMPORARY PROTECTION THROUGHOUT CONSTRUCTION.
- DF18 REMOVE EXISTING FLOORING OR ROOFING AREA FOR INSTALLATION OF NEW FIRE RATED SHAFT. REFER TO PARTITION TYPES AND STRUCTURAL DRAWINGS. REFER TO DETAIL 3/ A–5.11 FOR ROOF DETAIL.
- DF19 REMOVE EXISTING PLUMBING FIXTURES FOR REPLACEMENT. REMOVE SPECKLED VINYL FLOOR TILE. REFER TO RBM SURVEY.
- DF20 REMOVE EXISTING FLOORING AREA FOR INSTALLATION OF NEW STRUCTURAL COLUMN, SPRINKLER STANDPIPE, OR VERTICAL DUCTWORK. REFER TO STRUCTURAL, FIRE PROTECTION, AND HVAC DRAWINGS.
- DF21 REMOVE EXISTING FLOORING AREA TO INSTALL FIRE BLOCKING BETWEEN JOISTS (TO PROTECT NEW EGRESS STAIRWELL FROM ADJACENT ROOM). REFER TO PROPOSED FLOOR PLAN.
- DF22 REMOVE EXISTING BALCONY AND RAILING. TAKE CARE NOT TO DAMAGE EXISTING FRAMING OR BRACKET POCKETS. NOTIFY ARCHITECT TO OBSERVE CONDITIONS.
- DF23 REMOVE EXISTING SLAB AREA TO INSTALL NEW ELECTRICAL CT CABINET PIPING. EXCAVATE TO 3'–0" BELOW FLOOR.
- DF24 REMOVE CONCRETE SLAB FOR REPLACEMENT AFTER UNDERPINNING. REFER TO DIAGONAL HATCHED LOCATION (APPROXIMATELY 280 SF).
- DF25 REMOVE WOOD FLOOR CONSTRUCTION FOR REPLACEMENT AFTER UNDERPINNING.

## DEMOLITION CEILING KEYNOTES

- DC1 REMOVE EXISTING GYPSUM BOARD CEILING TO INSTALL NEW STRUCTURAL FRAMING. REFER TO STRUCTURAL DRAWINGS.
- DC2 CAREFULLY REMOVE EXISTING MUSLIN CEILING (ORIGINAL) UNDER THE CARE OF A CONSERVATOR FOR OFF–SITE CLEANING, REPLACEMENT OF BACKING, AND REINSTALLATION AFTER STRUCTURAL WORK IS COMPLETE.
- DC3 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. REFER TO REFLECTED CEILING PLAN FOR REPLACEMENT SCOPE.
- DC4 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. CAREFULLY MITIGATE ASBESTOS BACKING. REVIEW HAZARDOUS MATERIALS REPORT.
- DC5 REMOVE EXISTING PLASTER CEILING WHERE REQUIRED TO COORDINATE WITH STRUCTURAL WORK. REFER TO PROPOSED REFLECTED CEILING PLANS FOR REPLACEMENT SCOPE.
- DC6 REMOVE EXISTING DAMAGED PLASTER CEILING FOR REPLACEMENT IN–KIND. REFER TO REFLECTED CEILING PLAN.
- DC7 REMOVE EXISTING GYPSUM BOARD CEILING FOR REPLACEMENT IN–KIND AFTER STRUCTURAL REINFORCEMENT WORK IS COMPLETE. ASSUME PARTIAL PLASTER CEILING AND LATH BENEATH.
- DC8 REMOVE EXISTING CEILING SOFFIT CONSTRUCTION.

FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTERS. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION.

## DEMOLITION WALL KEYNOTES

- DW1 REMOVE EXISTING WINDOW IN PREPARATION FOR NEW LOUVER INSTALLATION. REFER TO MECHANICAL DRAWINGS.
- DW2 REMOVE AND SALVAGE EXISTING SIDING LAYERS TO INSTALL NEW SHEAR LAYERS. REFER TO PARTITION TYPES, EXTERIOR ELEVATIONS, AND STRUCTURAL DRAWINGS.
- DW3 CAREFULLY DISMANTLE WOOD FINISH BELOW CEILING. SALVAGE FOR REINSTALLATION. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS.
- DW4 REMOVE EXISTING WALL FINISH TO INSTALL ADDITIONAL STUDS. REFER TO STRUCTURAL DRAWINGS.
- DW5 REMOVE WAINSCOT TILE.
- DW6 FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTER. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION. DEMOLITION–FLOOR
- DW7 CAREFULLY REMOVE AND SALVAGE EXISTING WALL PORTIONS FOR REINSTALLATION. REFER TO PROPOSED PLAN AND ELEVATIONS. REFER TO A–5.09 AND A–5.10 FOR DEMOLITION SCOPE.
- DW8 CAREFULLY REMOVE PORTION OF EXISTING WALL TO CREATE ACCESSIBLE 32" CLEARANCE WIDTH.
- DW9 CAREFULLY REMOVE EXISTING WALL BASE COVE TO MITIGATE ASBESTOS MASTIC. REFER TO HAZARDOUS MATERIALS REPORT.
- DW10 CAREFULLY REMOVE EXISTING MUSLIN WALL AND CEILING FINISH (PREVIOUSLY RESTORED) TO MITIGATE ASBESTOS BACKING. REFER TO HAZARDOUS MATERIALS REPORT.
- DW11 REMOVE EXISTING MUSLIN WALL FINISH TO INSTALL NEW INSULATION.
- DW12 REMOVE EXISTING CHASE PARTITIONS FOR INSTALLATION OF NEW SHEAR WALLS.
- DW13 REMOVE EXISTING PLASTER WALL FINISH TO INSTALL NEW INSULATION AND STRUCTURAL CONNECTIONS. REFER TO PARTITION TYPES AND STRUCTURAL DRAWINGS.
- DW15 MODIFY EXISTING WOOD PANELING AS NEEDED TO INTEGRATE NEW DOOR FOR EGRESS. REFER TO PROPOSED PLAN AND DOOR SCHEDULE.
- DW16 MODIFY DOOR OPENING PER G–0.4 AND DETAILS 1,2,3/ A–6.08.
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- DW19 CAREFULLY REMOVE CURIO CABINETS AND STORE FOR REINSTALLATION AFTER THE STRUCTURAL WORK. GLASS MUST BE PROTECTED SO IT DOES NOT BREAK DURING REMOVAL.
- DW20 REMOVE EXISTING WALL INFILL. HISTORIC WOOD TRIM AT ARCHES TO REMAIN. REMOVE TILE FINISH AT THIS WALL.
- DW21 REMOVE EXISTING WALL FINISH TO SECURE NEW POST TO EXISTING WALL STUDS. REFER TO STRUCTURAL DRAWINGS.

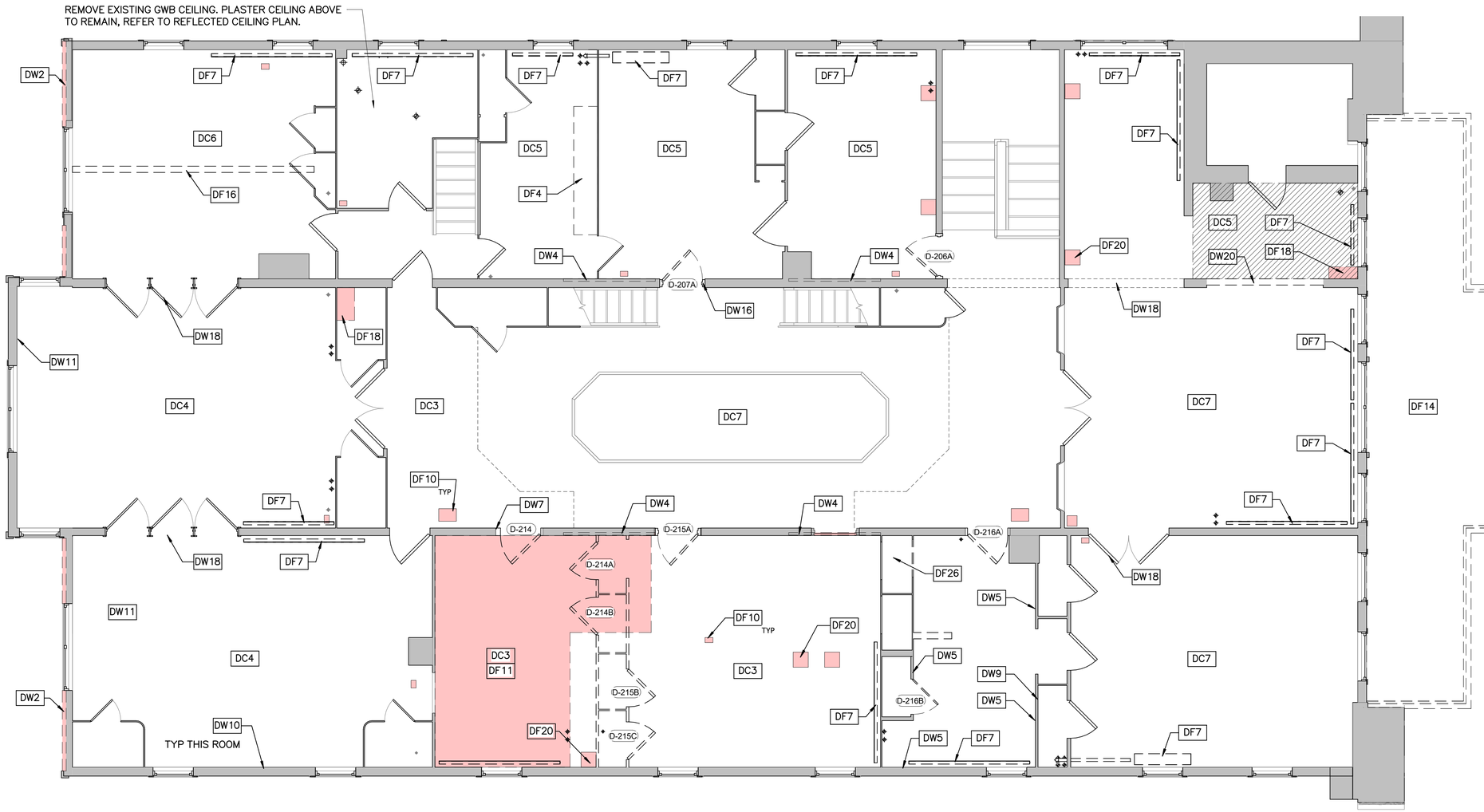
## DEMOLITION FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- GENERAL AREA OF FLOOR/ROOF DEMO OR EXCAVATION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED/SALVAGED
- GENERAL AREA OF CEILING DEMO

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. D-1.1 | TITLE OF SHEET<br>DEMOLITION FIRST FLOOR PLAN<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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## DEMOLITION FLOOR KEYNOTES

- DF1 EXCAVATE AS NECESSARY FOR UNDERPINNING. REFER TO STRUCTURAL DRAWINGS.
- DF2 EXCAVATE AS NECESSARY FOR INSTALLATION OF NEW CONCRETE FOOTER. REFER TO STRUCTURAL DRAWINGS FOR NEW COLUMN AND SHEAR WALL LOCATIONS.
- DF3 REMOVE FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB.
- DF4 REMOVE COUNTERS, CABINETRY, SINK, AND REFRIGERATOR FROM THIS ROOM.
- DF5 REMOVE EXISTING STAIR AND RAILINGS.
- DF6 REMOVE EXISTING SHOWER, SINK, AND TOILET. REFER TO PLUMBING DRAWINGS. REMOVE EXISTING MILLWORK AND TOILET ACCESSORIES.
- DF7 REMOVE EXISTING FAN COIL OR CONVECTION HEAT UNIT. REFER TO MECHNAICAL DRAWINGS.
- DF8 REMOVE EXISTING CONCRETE SLAB AND BRICKWORK. PREPARE AS NECESSARY FOR NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS.
- DF9 REMOVE EXISTING (3) POSTS. TEMPORARILY SUPPORT BUILDING OVERHAND PRIOR TO INSTALLATION OF NEW POST AND BEAM SYSTEM. REFER TO STRUCTURAL DRAWINGS.
- DF10 REMOVE PORTION OF EXISTING FLOOR AS NECESSARY TO INSTALL NEW FLOOR MOUNTED REGISTER. WITHIN THE MAIN HALL CLOSETS, PROPOSED FLOOR OPENINGS ARE FOR VERTICAL DUCTWORK. COORDINATE WITH MECHANICAL DRAWINGS.
- DF11 REMOVE FLOOR AS NECESSARY FOR INSTALLATION OF NEW STAIRWELL AND VERTICAL PLATFORM LIFT. SALVAGE ALL WOOD FOR REINSTALLATION AT NEW STAIRWELL LANDINGS.
- DF12 REMOVE EXISTING BURIED STORM PIPE. CONFIRM LOCATION OF DAYLIGHTING. PREP GROUND FOR NEW SLAB.
- DF13 REMOVE AND SALVAGE PAVERS. REFER TO LANDSCAPE DRAWINGS.
- DF14 REMOVE EXISTING FRONT PORCH SYSTEM (DECK, APRON, FRAMING, COLUMNS, PORTICO, FOUNDATIONS, RAMP, STAIR) TO PREPARE FOR INSTALLATION OF NEW PORCH.
- DF15 CAREFULLY REMOVE EXISTING ASBESTOS FLOORING LAYERS DOWN TO SUBSTRATE. REFER TO HAZARDOUS MATERIALS REPORT.
- DF16 REMOVE TEMPORARY SHORING AFTER COMPLETION OF STABILIZATION WORK.
- DF17 EXISTING HISTORIC WOOD STOVE TO REMAIN. INSTALL TEMPORARY PROTECTION THROUGHOUT CONSTRUCTION.
- DF18 REMOVE EXISTING FLOORING OR ROOFING AREA FOR INSTALLATION OF NEW FIRE RATED SHAFT. REFER TO PARTITION TYPES AND STRUCTURAL DRAWINGS. REFER TO DETAIL 3/ A–5.11 FOR ROOF DETAIL.
- DF19 REMOVE EXISTING PLUMBING FIXTURES FOR REPLACEMENT. REMOVE SPECKLED VINYL FLOOR TILE. REFER TO RBM SURVEY.
- DF20 REMOVE EXISTING FLOORING AREA FOR INSTALLATION OF NEW STRUCTURAL COLUMN, SPRINKLER STANDPIPE, OR VERTICAL DUCTWORK. REFER TO STRUCTURAL, FIRE PROTECTION, AND HVAC DRAWINGS.
- DF21 REMOVE EXISTING FLOORING AREA TO INSTALL FIRE BLOCKING BETWEEN JOISTS (TO PROTECT NEW EGRESS STAIRWELL FROM ADJACENT ROOM). REFER TO PROPOSED FLOOR PLAN.
- DF22 REMOVE EXISTING BALCONY AND RAILING. TAKE CARE NOT TO DAMAGE EXISTING FRAMING OR BRACKET POCKETS. NOTIFY ARCHITECT TO OBSERVE CONDITIONS.
- DF23 REMOVE EXISTING SLAB AREA TO INSTALL NEW ELECTRICAL CT CABINET PIPING. EXCAVATE TO 3'–0" BELOW FLOOR.
- DF24 REMOVE CONCRETE SLAB FOR REPLACEMENT AFTER UNDERPINNING. REFER TO DIAGONAL HATCHED LOCATION (APPROXIMATELY 280 SF).
- DF25 REMOVE WOOD FLOOR CONSTRUCTION FOR REPLACEMENT AFTER UNDERPINNING.

## DEMOLITION CEILING KEYNOTES

- DC1 REMOVE EXISTING GYPSUM BOARD CEILING TO INSTALL NEW STRUCTURAL FRAMING. REFER TO STRUCTURAL DRAWINGS.
- DC2 CAREFULLY REMOVE EXISTING MUSLIN CEILING (ORIGINAL) UNDER THE CARE OF A CONSERVATOR FOR OFF–SITE CLEANING, REPLACEMENT OF BACKING, AND REINSTALLATION AFTER STRUCTURAL WORK IS COMPLETE.
- DC3 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. REFER TO REFLECTED CEILING PLAN FOR REPLACEMENT SCOPE.
- DC4 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. CAREFULLY MITIGATE ASBESTOS BACKING. REVIEW HAZARDOUS MATERIALS REPORT.
- DC5 REMOVE EXISTING PLASTER CEILING WHERE REQUIRED TO COORDINATE WITH STRUCTURAL WORK. REFER TO PROPOSED REFLECTED CEILING PLANS FOR REPLACEMENT SCOPE.
- DC6 REMOVE EXISTING DAMAGED PLASTER CEILING FOR REPLACEMENT IN–KIND. REFER TO REFLECTED CEILING PLAN.
- DC7 REMOVE EXISTING GYPSUM BOARD CEILING FOR REPLACEMENT IN–KIND AFTER STRUCTURAL REINFORCEMENT WORK IS COMPLETE. ASSUME PARTIAL PLASTER CEILING AND LATH BENEATH.
- DC8 REMOVE EXISTING CEILING SOFFIT CONSTRUCTION.

FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTERS. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION.

1 / D–1.2 DEMOLITION SECOND FLOOR PLAN
SCALE Ⓐ

## DEMOLITION WALL KEYNOTES

- DW1 REMOVE EXISTING WINDOW IN PREPARATION FOR NEW LOUVER INSTALLATION. REFER TO MECHANICAL DRAWINGS.
- DW2 REMOVE AND SALVAGE EXISTING SIDING LAYERS TO INSTALL NEW SHEAR LAYERS. REFER TO PARTITION TYPES, EXTERIOR ELEVATIONS, AND STRUCTURAL DRAWINGS.
- DW3 CAREFULLY DISMANTLE WOOD FINISH BELOW CEILING. SALVAGE FOR REINSTALLATION. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS.
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- DW7 CAREFULLY REMOVE AND SALVAGE EXISTING WALL PORTIONS FOR REINSTALLATION. REFER TO PROPOSED PLAN AND ELEVATIONS. REFER TO A–5.09 AND A–5.10 FOR DEMOLITION SCOPE.
- DW8 CAREFULLY REMOVE PORTION OF EXISTING WALL TO CREATE ACCESSIBLE 32" CLEARANCE WIDTH.
- DW9 CAREFULLY REMOVE EXISTING WALL BASE COVE TO MITIGATE ASBESTOS MASTIC. REFER TO HAZARDOUS MATERIALS REPORT.
- DW10 CAREFULLY REMOVE EXISTING MUSLIN WALL AND CEILING FINISH (PREVIOUSLY RESTORED) TO MITIGATE ASBESTOS BACKING. REFER TO HAZARDOUS MATERIALS REPORT.
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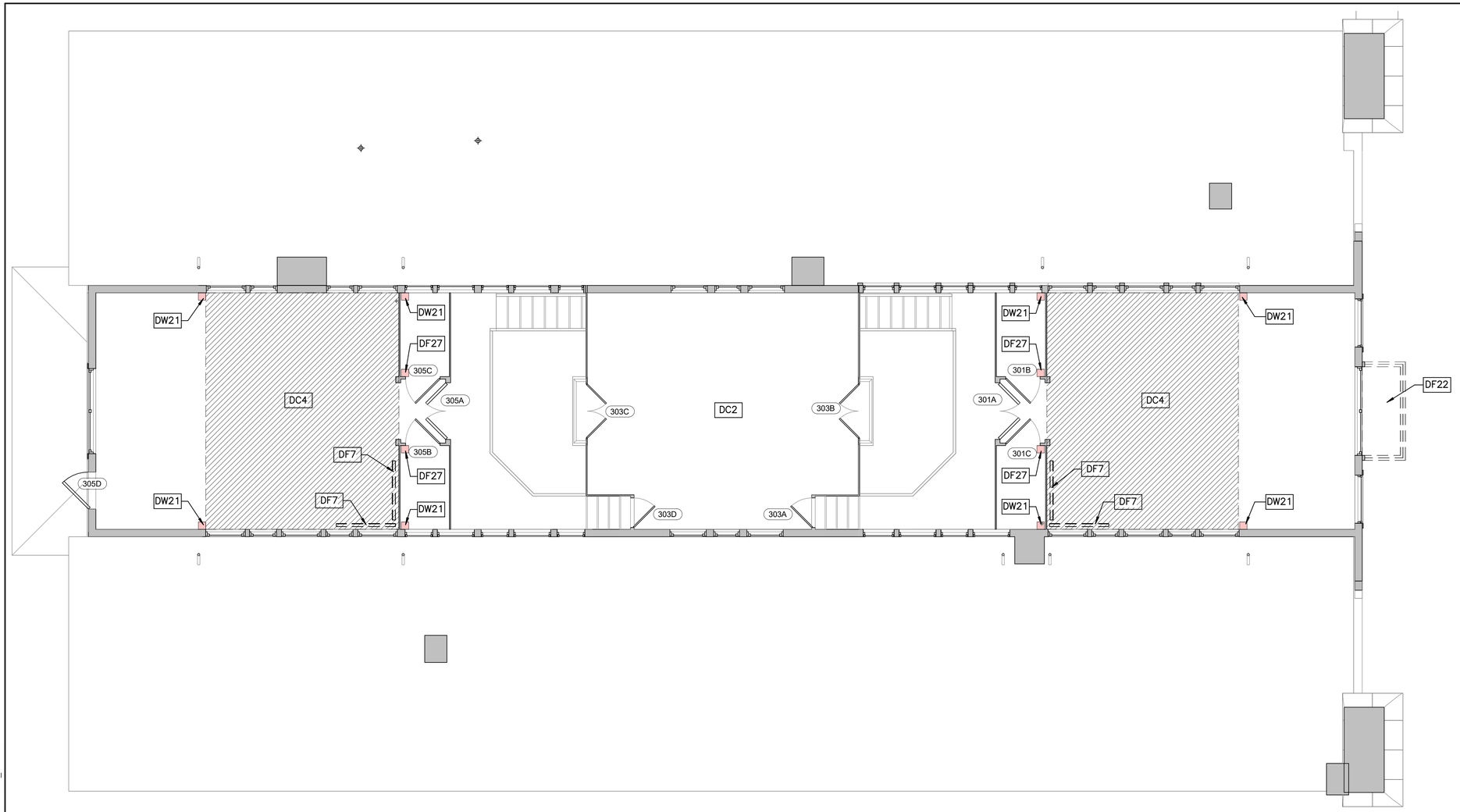
## DEMOLITION FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
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- GENERAL AREA OF FLOOR/ROOF DEMO OR EXCAVATION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED/SALVAGED
- GENERAL AREA OF CEILING DEMO

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| DESIGNED: JA | SUB SHEET NO. D–1.2 | TITLE OF SHEET: DEMOLITION SECOND FLOOR PLAN | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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## DEMOLITION FLOOR KEYNOTES

- DF1 EXCAVATE AS NECESSARY FOR UNDERPINNING. REFER TO STRUCTURAL DRAWINGS.
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- DF24 REMOVE CONCRETE SLAB FOR REPLACEMENT AFTER UNDERPINNING. REFER TO DIAGONAL HATCHED LOCATION (APPROXIMATELY 280 SF).
- DF25 REMOVE WOOD FLOOR CONSTRUCTION FOR REPLACEMENT AFTER UNDERPINNING.

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- DC1 REMOVE EXISTING GYPSUM BOARD CEILING TO INSTALL NEW STRUCTURAL FRAMING. REFER TO STRUCTURAL DRAWINGS.
- DC2 CAREFULLY REMOVE EXISTING MUSLIN CEILING (ORIGINAL) UNDER THE CARE OF A CONSERVATOR FOR OFF–SITE CLEANING, REPLACEMENT OF BACKING, AND REINSTALLATION AFTER STRUCTURAL WORK IS COMPLETE.
- DC3 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. REFER TO REFLECTED CEILING PLAN FOR REPLACEMENT SCOPE.
- DC4 REMOVE EXISTING MUSLIN CEILING (PREVIOUSLY RESTORED) FOR REPLACEMENT AFTER STRUCTURAL WORK IS COMPLETE. CAREFULLY MITIGATE ASBESTOS BACKING. REVIEW HAZARDOUS MATERIALS REPORT.
- DC5 REMOVE EXISTING PLASTER CEILING WHERE REQUIRED TO COORDINATE WITH STRUCTURAL WORK. REFER TO PROPOSED REFLECTED CEILING PLANS FOR REPLACEMENT SCOPE.
- DC6 REMOVE EXISTING DAMAGED PLASTER CEILING FOR REPLACEMENT IN–KIND. REFER TO REFLECTED CEILING PLAN.
- DC7 REMOVE EXISTING GYPSUM BOARD CEILING FOR REPLACEMENT IN–KIND AFTER STRUCTURAL REINFORCEMENT WORK IS COMPLETE. ASSUME PARTIAL PLASTER CEILING AND LATH BENEATH.
- DC8 REMOVE EXISTING CEILING SOFFIT CONSTRUCTION.

FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTERS. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION.

## DEMOLITION WALL KEYNOTES

- DW1 REMOVE EXISTING WINDOW IN PREPARATION FOR NEW LOUVER INSTALLATION. REFER TO MECHANICAL DRAWINGS.
- DW2 REMOVE AND SALVAGE EXISTING SIDING LAYERS TO INSTALL NEW SHEAR LAYERS. REFER TO PARTITION TYPES, EXTERIOR ELEVATIONS, AND STRUCTURAL DRAWINGS.
- DW3 CAREFULLY DISMANTLE WOOD FINISH BELOW CEILING. SALVAGE FOR REINSTALLATION. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS.
- DW4 REMOVE EXISTING WALL FINISH TO INSTALL ADDITIONAL STUDS. REFER TO STRUCTURAL DRAWINGS.
- DW5 REMOVE WAINSCOT TILE.
- DW6 FOR EXISTING CLOSETS WITHIN MAIN HALL: CAREFULLY DISMANTLE CLOSET WALLS ONLY AT POINT OF ATTACHMENT (NEAR CEILING) TO INSTALL NEW METAL SISTER. REFER TO STRUCTURAL DRAWINGS AND ENLARGED ARCHITECTURAL SECTION. DEMOLITION–FLOOR
- DW7 CAREFULLY REMOVE AND SALVAGE EXISTING WALL PORTIONS FOR REINSTALLATION. REFER TO PROPOSED PLAN AND ELEVATIONS. REFER TO A–5.09 AND A–5.10 FOR DEMOLITION SCOPE.
- DW8 CAREFULLY REMOVE PORTION OF EXISTING WALL TO CREATE ACCESSIBLE 32" CLEARANCE WIDTH.
- DW9 CAREFULLY REMOVE EXISTING WALL BASE COVE TO MITIGATE ASBESTOS MASTIC. REFER TO HAZARDOUS MATERIALS REPORT.
- DW10 CAREFULLY REMOVE EXISTING MUSLIN WALL AND CEILING FINISH (PREVIOUSLY RESTORED) TO MITIGATE ASBESTOS BACKING. REFER TO HAZARDOUS MATERIALS REPORT.
- DW11 REMOVE EXISTING MUSLIN WALL FINISH TO INSTALL NEW INSULATION.
- DW12 REMOVE EXISTING CHASE PARTITIONS FOR INSTALLATION OF NEW SHEAR WALLS.
- DW13 REMOVE EXISTING PLASTER WALL FINISH TO INSTALL NEW INSULATION AND STRUCTURAL CONNECTIONS. REFER TO PARTITION TYPES AND STRUCTURAL DRAWINGS.
- DW15 MODIFY EXISTING WOOD PANELING AS NEEDED TO INTEGRATE NEW DOOR FOR EGRESS. REFER TO PROPOSED PLAN AND DOOR SCHEDULE.
- DW16 MODIFY DOOR OPENING PER G–0.4 AND DETAILS 1,2,3/ A–6.08.
- DW17 REMOVE CORNER OF PARTITION INTERSECTION FOR STRUCTURAL BEAM INSTALLATION.
- DW18 REMOVE EXISTING WALL FINISH ABOVE DOOR FOR INSTALLATION OF HEADER SISTER. REFER TO STRUCTURAL DRAWINGS.
- DW19 CAREFULLY REMOVE CURIO CABINETS AND STORE FOR REINSTALLATION AFTER THE STRUCTURAL WORK. GLASS MUST BE PROTECTED SO IT DOES NOT BREAK DURING REMOVAL.
- DW20 REMOVE EXISTING WALL INFILL. HISTORIC WOOD TRIM AT ARCHES TO REMAIN. REMOVE TILE FINISH AT THIS WALL.
- DW21 REMOVE EXISTING WALL FINISH TO SECURE NEW POST TO EXISTING WALL STUDS. REFER TO STRUCTURAL DRAWINGS.

## DEMOLITION FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- GENERAL AREA OF FLOOR/ROOF DEMO OR EXCAVATION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED/SALVAGED
- GENERAL AREA OF CEILING DEMO

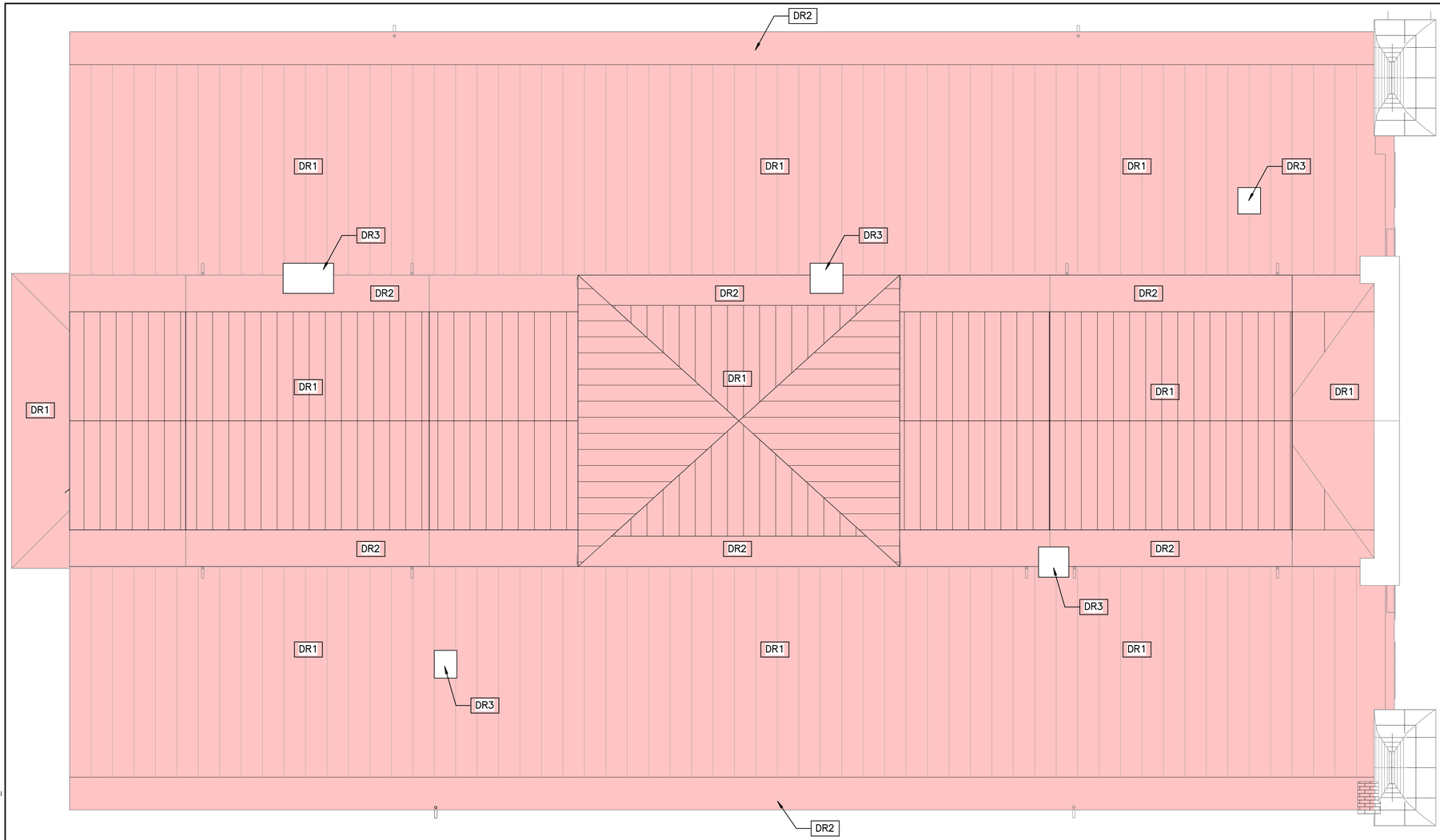
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SCALE Ⓐ SCALE OF FEET

1 / D–1.3 DEMOLITION THIRD FLOOR PLAN
SCALE Ⓐ

| | | | |
|---|---|---|---|
| DESIGNED: JA | SUB SHEET NO. D–1.3 | TITLE OF SHEET: DEMOLITION THIRD FLOOR PLAN | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ____ OF X |
| DATE: 1/10/2025 | | | |

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1 D-1.4 DEMOLITION ROOF PLAN
SCALE Ⓐ

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SCALE OF FEET

## DEMOLITION ROOF PLAN KEYNOTES

DR1 REMOVE ROOFING. REFER TO RED HATCHED AREA ON PLAN. EXISTING SHEATHING BOARD TO REMAIN.
DR2 REMOVE POLE GUTTER.
DR3 EXISTING CHIMNEY TO REMAIN. REFER TO REPAIR ELEVATION FOR BRICK REPOINTING SCOPE.

## DEMOLITION FLOOR PLAN LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- GENERAL AREA OF FLOOR/ROOF DEMO OR EXCAVATION
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED/SALVAGED
- GENERAL AREA OF CEILING DEMO

| | | | |
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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. D-1.4 | TITLE OF SHEET<br>DEMOLITION ROOF PLAN<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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| DEMOLITION DOOR SCHEDULE | |
|---|---|
| DOOR NUMBER | NOTES |
| D–101A | REMOVE EXISTING SCREEN DOORS, DOUBLE DOOR, NON–HISTORIC SIDE BOLT, AND HARDWARE. SALVAGE FOR REVERSE SWING INSTALLATION. |
| D–103C | REMOVE EXISTING DOUBLE DOOR AND HARDWARE. SALVAGE. |
| D–108A | REMOVE EXISTING DOOR FOR WIDTH MODIFICATIONS TO ACCOMMODATE ACCESSIBILITY. SALVAGE. |
| D–115 | REMOVE EXISTING DOOR, HARDWARE, AND STOPS. SALVAGE. |
| D–115A | REMOVE EXISTING DOOR, HARDWARE, AND STOPS. SALVAGE. |
| D–116A | REMOVE EXISTING DOOR FROM HINGES. REMOVE STOPS SURROUNDING FRAME. SALVAGE. |
| D–116D | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE |
| D–117 | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE |
| D–118A | REMOVE EXISTING DOOR, HARDWARE, AND STOPS. SALVAGE. |
| D–207A | REMOVE EXISTING DOOR FOR WIDTH MODIFICATIONS TO ACCOMMODATE ACCESSIBILITY. SALVAGE. |
| D–214 | REMOVE EXISTING DOOR, HARDWARE, AND STOPS. SALVAGE. |
| D–214A | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE |
| D–214B | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE |
| D–215A | REMOVE EXISTING DOOR FROM HINGES. REMOVE STOPS SURROUNDING FRAME. SALVAGE. |
| D–215B | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE |
| D–215C | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE |
| D–216B | REMOVE NON–HISTORIC DAMAGED DOOR FOR REPLACEMENT IN KIND. DO NOT SALVAGE |
| D–B–7B | REMOVE EXISTING WOOD BOARD DOOR FOR HEIGHT MODIFICATIONS TO ACCOMMODATE EGRESS. |
| D–B–7D | REMOVE EXISTING DOOR AND HARDWARE. DO NOT SALVAGE |
| D–CL–6B | REMOVE EXISTING DOOR AND HARDWARE. SALVAGE FOR REINSTALLATION. REFER TO PROPOSED FLOOR PLAN. |

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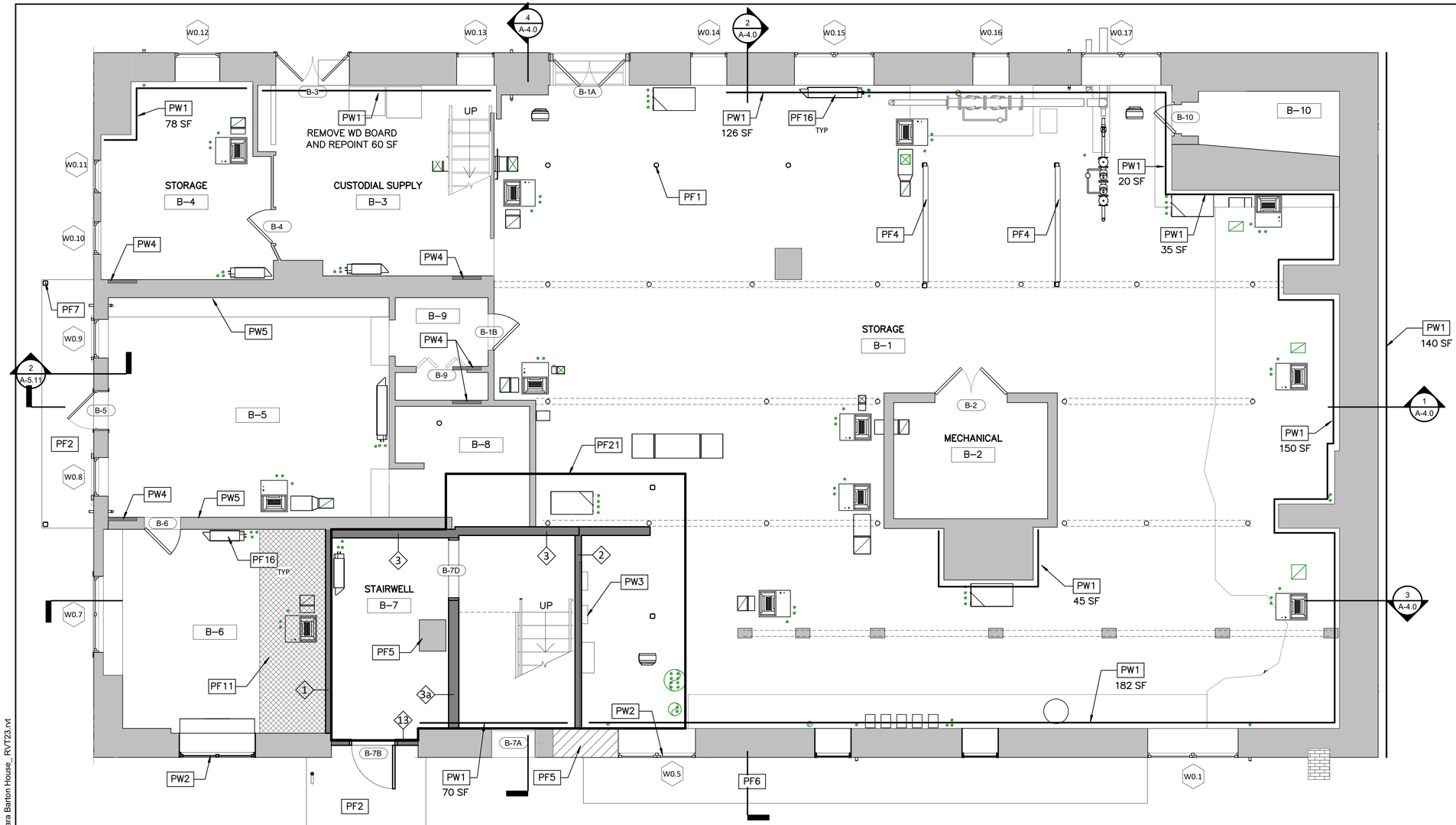
DESIGNED: JA
CADD: SS, AW, CB
TECH. REVIEW: MJM, MS
DATE: 1/10/2025

SUB SHEET NO. D-6.0

TITLE OF SHEET
DEMOLITION DOOR SCHEDULE

REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ____ OF X




## FLOOR PLAN LEGEND

- NEW WALL
- EXISTING WALL TO REMAIN
- DOOR TYPE & TAG (XXX)
- EXISTING DOOR & TAG (XXX)

## INTERIOR TREATMENTS

- REPOINT MASONRY FOUNDATION WALLS

## PROPOSED WALL KEYNOTES

| | |
|---|---|
| PW1 | REPOINT MASONRY FOUNDATION |
| PW2 | INSTALL LOUVER WITHIN EXISTING OPENING. REFER TO MECHANICAL DRAWINGS. |
| PW3 | NEW ELECTRICAL COMPONENTS. REFER TO ELECTRICAL DRAWINGS. |
| PW4 | INSTALL SALVAGED FINISHES WHERE REMOVED AFTER STRUCTURAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS. |
| PW5 | INSTALL NEW PLASTER WALL FINISH (TO MATCH EXISTING IN KIND) AFTER STRUCTURAL SISTERING SCOPE IS COMPLETE. REFER TO STRUCTURAL DRAWINGS. |
| PW6 | REPLACE PLUMBING FIXTURES. |
| PW7 | REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS. |
| PW8 | INSTALL INTERIOR STORM WINDOW. REFER TO WINDOW SCHEDULE. |
| PW9 | FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING. |
| PW10 | NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. |
| PW13 | VIDEO SCREEN TO BE SUPPLIED BY OWNER. |

## PROPOSED FLOOR KEYNOTES

| | |
|---|---|
| PF1 | NEW PTD STEEL COLUMN. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF NEW AND EXISTING COLUMNS THROUGHOUT BASEMENT. |
| PF2 | NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS. |
| PF4 | NEW PTD STEEL CROSS BRACING. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS. |
| PF5 | INSTALL NEW UNDERPINNING. REFER TO STRUCTURAL DRAWINGS AND DEMOLITION PLANS. |
| PF6 | INSTALL NEW BRICK PAVERS TO MATCH EXISTING IN KIND. REFER TO LANDSCAPE DRAWINGS. |
| PF7 | INSTALL (2) POSTS AND BEAM TO SUPPORT BAY. WRAP POSTS AND BEAMS IN PAINTED WOOD TRIM. REFER TO STRUCTURAL DRAWINGS. |
| PF8 | NEW VERTICAL PLATFORM LIFT. REFER TO ENLARGED PLANS AND SECTIONS IN THE A–5 SHEET SERIES. REFER TO STRUCTURAL DRAWINGS FOR NEW SUPPORT. |
| PF9 | NOT USED. |
| PF11 | INFILL FLOOR OPENING WITH WOOD FLOOR CONSTRUCTION TO MATCH EXISTING IN KIND. REFER TO FINISH PLANS (A–9 SERIES) AND STRUCTURAL DRAWINGS. |
| PF12 | REPLACE LOOSE BRICKS IN EXISTING HEARTH. |
| PF13 | NEW WOOD PORCH, STAIR, AND ACCESSIBLE RAMP. REFER TO THE A–5 SHEET SERIES. |
| PF15 | NEW ACCESSIBLE TOILET ROOM. |
| PF16 | NEW FAN COIL UNIT. REFER TO MECHANICAL DRAWINGS. NEW CUSTOM PTD WD ENCLOSURE FOR CONCEALING UNIT. REFER TO ARCHITECTURAL DETAILS. |
| PF18 | NEW UPPER BALCONY. REFER TO THE A–5 SHEET SERIES. |
| PF19 | NEW KITCHENETTE MILLWORK. REFER TO INTERIOR ELEVATIONS AND DETAILS. REFRIGERATOR BY OWNER. |
| PF20 | NEW WOOD POST. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS THROUGHOUT THIRD FLOOR. |
| PF21 | AREA OF NEW CONCRETE SLAB REPLACEMENT. REFER TO DARK OUTLINED AREA (APPROXIMATELY 280 SF). REFER TO STRUCTURAL DRAWINGS. |
| PF22 | BETWEEN 1 BAY OF EXISTING FLOOR JOISTS, INSTALL RATED HORIZONTAL ENCLOSURE (TYPE X GWB) FROM VERTICAL RATED SHAFT TO FAN COIL UNIT ON EAST SIDE OF ROOM. REFER TO MECHANICAL DRAWINGS FOR VRF PATH. INSTALL ENCLOSURE FROM UNDERSIDE OF FLOOR STRUCTURE. |

## GENERAL FLOOR PLAN NOTES

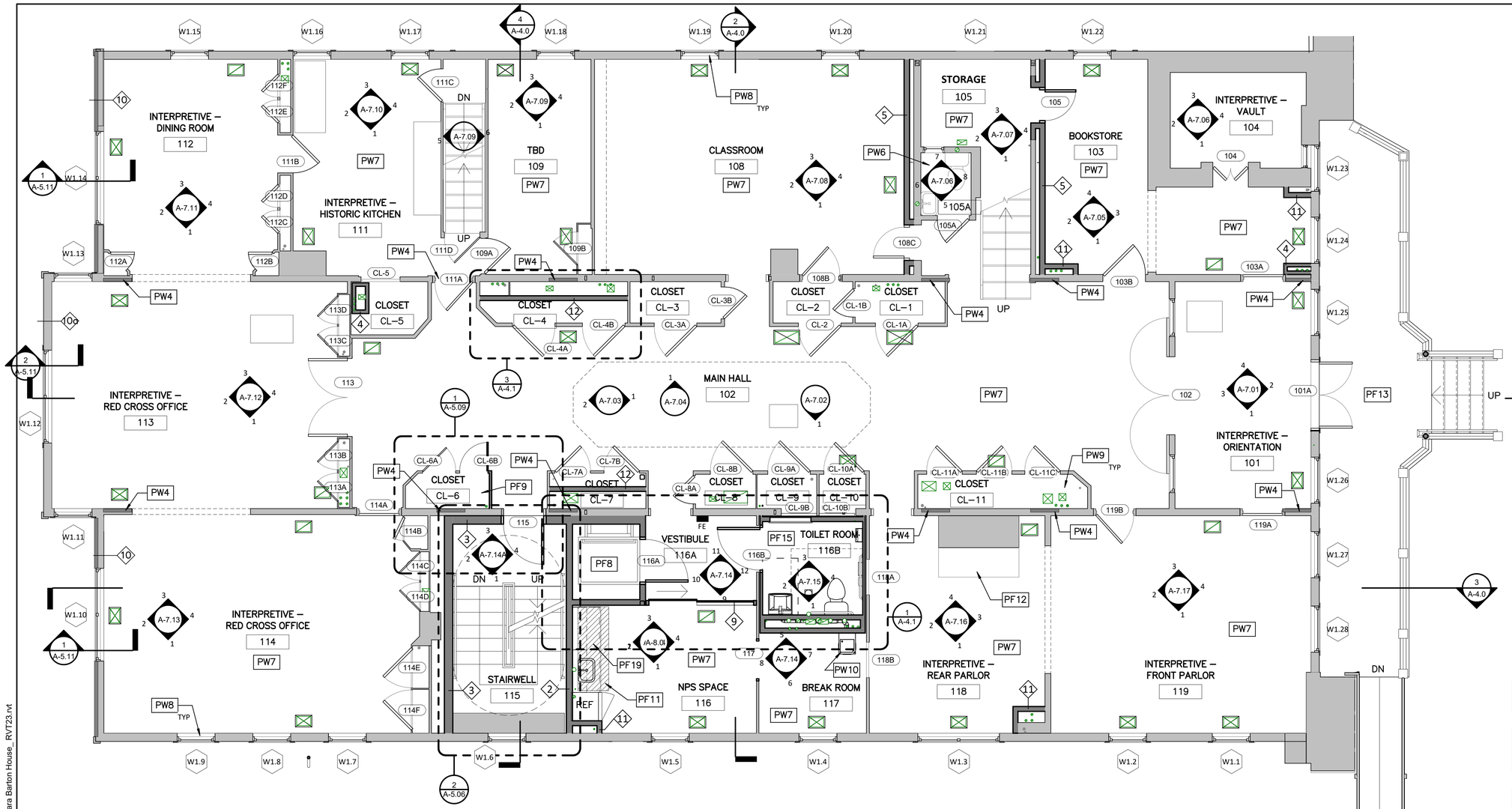
- REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS.
- FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING.
- REINSTALL SALVAGED EXISTING FLOORING AFTER VERTICAL COLUMN, STANDPIPE, OR DUCTWORK INSTALLATION. REFER TO DEMOLITION AND TRADE DRAWINGS.
- INSTALL SALVAGED FINISHES SIDING WHERE REMOVED AFTER INSTALLATION OF LATERAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ELEVATION DRAWINGS.

1 A–1.0 PROPOSED BASEMENT PLAN
SCALE Ⓐ

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SCALE Ⓐ SCALE OF FEET

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| DESIGNED: JA | SUB SHEET NO. A-1.0 | TITLE OF SHEET: PROPOSED BASEMENT PLAN | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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## FLOOR PLAN LEGEND

- NEW WALL
- EXISTING WALL TO REMAIN
- XXX — DOOR TYPE & TAG
- XXX — EXISTING DOOR & TAG

## GENERAL FLOOR PLAN NOTES

REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS.

FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING.

REINSTALL SALVAGED EXISTING FLOORING AFTER VERTICAL COLUMN, STANDPIPE, OR DUCTWORK INSTALLATION. REFER TO DEMOLITION AND TRADE DRAWINGS.

INSTALL SALVAGED FINISHES SIDING WHERE REMOVED AFTER INSTALLATION OF LATERAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ELEVATION DRAWINGS.

## PROPOSED WALL KEYNOTES

| | |
|---|---|
| PW1 | REPOINT MASONRY FOUNDATION |
| PW2 | INSTALL LOUVER WITHIN EXISTING OPENING. REFER TO MECHANICAL DRAWINGS. |
| PW3 | NEW ELECTRICAL COMPONENTS. REFER TO ELECTRICAL DRAWINGS. |
| PW4 | INSTALL SALVAGED FINISHES WHERE REMOVED AFTER STRUCTURAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS. |
| PW5 | INSTALL NEW PLASTER WALL FINISH (TO MATCH EXISTING IN KIND) AFTER STRUCTURAL SISTERING SCOPE IS COMPLETE. REFER TO STRUCTURAL DRAWINGS. |
| PW6 | REPLACE PLUMBING FIXTURES. |
| PW7 | REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS. |
| PW8 | INSTALL INTERIOR STORM WINDOW. REFER TO WINDOW SCHEDULE. |
| PW9 | FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING. |
| PW10 | NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. |
| PW13 | VIDEO SCREEN TO BE SUPPLIED BY OWNER. |

## PROPOSED FLOOR KEYNOTES

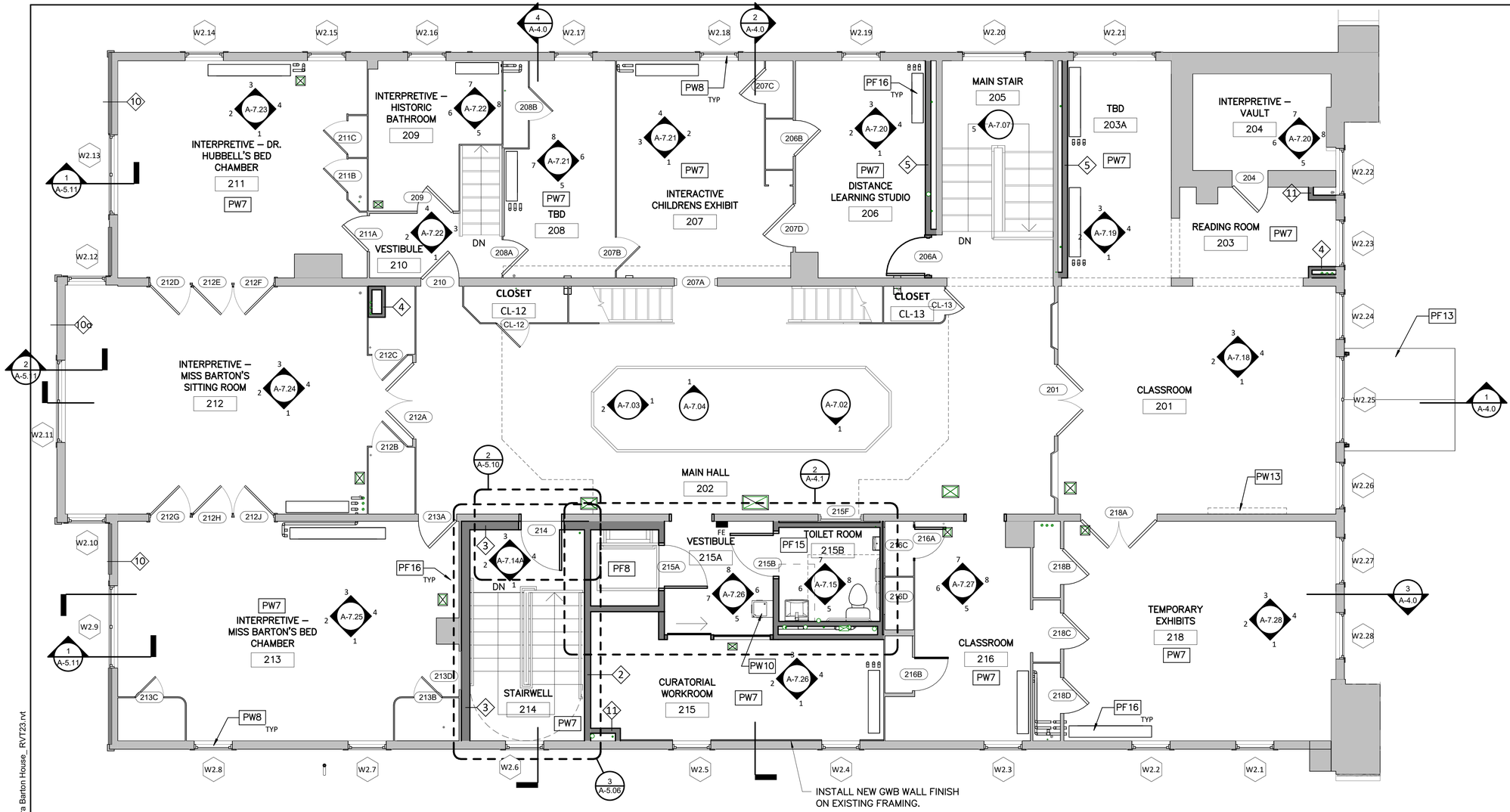
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|---|---|
| PF1 | NEW PTD STEEL COLUMN. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF NEW AND EXISTING COLUMNS THROUGHOUT BASEMENT. |
| PF2 | NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS. |
| PF4 | NEW PTD STEEL CROSS BRACING. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS. |
| PF5 | INSTALL NEW UNDERPINNING. REFER TO STRUCTURAL DRAWINGS AND DEMOLITION PLANS. |
| PF6 | INSTALL NEW BRICK PAVERS TO MATCH EXISTING IN KIND. REFER TO LANDSCAPE DRAWINGS. |
| PF7 | INSTALL (2) POSTS AND BEAM TO SUPPORT BAY. WRAP POSTS AND BEAMS IN PAINTED WOOD TRIM. REFER TO STRUCTURAL DRAWINGS. |
| PF8 | NEW VERTICAL PLATFORM LIFT. REFER TO ENLARGED PLANS AND SECTIONS IN THE A–5 SHEET SERIES. REFER TO STRUCTURAL DRAWINGS FOR NEW SUPPORT. |
| PF9 | NOT USED. |
| PF11 | INFILL FLOOR OPENING WITH WOOD FLOOR CONSTRUCTION TO MATCH EXISTING IN KIND. REFER TO FINISH PLANS (A–9 SERIES) AND STRUCTURAL DRAWINGS. |
| PF12 | REPLACE LOOSE BRICKS IN EXISTING HEARTH. |
| PF13 | NEW WOOD PORCH, STAIR, AND ACCESSIBLE RAMP. REFER TO THE A–5 SHEET SERIES. |
| PF15 | NEW ACCESSIBLE TOILET ROOM. |
| PF16 | NEW FAN COIL UNIT. REFER TO MECHANICAL DRAWINGS. NEW CUSTOM PTD WD ENCLOSURE FOR CONCEALING UNIT. REFER TO ARCHITECTURAL DETAILS. |
| PF18 | NEW UPPER BALCONY. REFER TO THE A–5 SHEET SERIES. |
| PF19 | NEW KITCHENETTE MILLWORK. REFER TO INTERIOR ELEVATIONS AND DETAILS. REFRIGERATOR BY OWNER. |
| PF20 | NEW WOOD POST. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS THROUGHOUT THIRD FLOOR. |
| PF21 | AREA OF NEW CONCRETE SLAB REPLACEMENT. REFER TO DARK OUTLINED AREA (APPROXIMATELY 280 SF). REFER TO STRUCTURAL DRAWINGS. |
| PF22 | BETWEEN 1 BAY OF EXISTING FLOOR JOISTS, INSTALL RATED HORIZONTAL ENCLOSURE (TYPE X GWB) FROM VERTICAL RATED SHAFT TO FAN COIL UNIT ON EAST SIDE OF ROOM. REFER TO MECHANICAL DRAWINGS FOR VRF PATH. INSTALL ENCLOSURE FROM UNDERSIDE OF FLOOR STRUCTURE. |

1 / A–1.1 PROPOSED FIRST FLOOR PLAN
SCALE Ⓐ

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SCALE Ⓐ SCALE OF FEET

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| DESIGNED: JA | SUB SHEET NO. A–1.1 | TITLE OF SHEET: PROPOSED FIRST FLOOR PLAN | DRAWING NO. 895 179603 |
| CADD: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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## FLOOR PLAN LEGEND

- NEW WALL
- EXISTING WALL TO REMAIN
- XXX — DOOR TYPE & TAG
- XXX — EXISTING DOOR & TAG

## GENERAL FLOOR PLAN NOTES

REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS.

FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING.

REINSTALL SALVAGED EXISTING FLOORING AFTER VERTICAL COLUMN, STANDPIPE, OR DUCTWORK INSTALLATION. REFER TO DEMOLITION AND TRADE DRAWINGS.

INSTALL SALVAGED FINISHES SIDING WHERE REMOVED AFTER INSTALLATION OF LATERAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ELEVATION DRAWINGS.

## PROPOSED WALL KEYNOTES

| | |
|---|---|
| PW1 | REPOINT MASONRY FOUNDATION |
| PW2 | INSTALL LOUVER WITHIN EXISTING OPENING. REFER TO MECHANICAL DRAWINGS. |
| PW3 | NEW ELECTRICAL COMPONENTS. REFER TO ELECTRICAL DRAWINGS. |
| PW4 | INSTALL SALVAGED FINISHES WHERE REMOVED AFTER STRUCTURAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS. |
| PW5 | INSTALL NEW PLASTER WALL FINISH (TO MATCH EXISTING IN KIND) AFTER STRUCTURAL SISTERING SCOPE IS COMPLETE. REFER TO STRUCTURAL DRAWINGS. |
| PW6 | REPLACE PLUMBING FIXTURES. |
| PW7 | REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS. |
| PW8 | INSTALL INTERIOR STORM WINDOW. REFER TO WINDOW SCHEDULE. |
| PW9 | FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING. |
| PW10 | NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. |
| PW13 | VIDEO SCREEN TO BE SUPPLIED BY OWNER. |

## PROPOSED FLOOR KEYNOTES

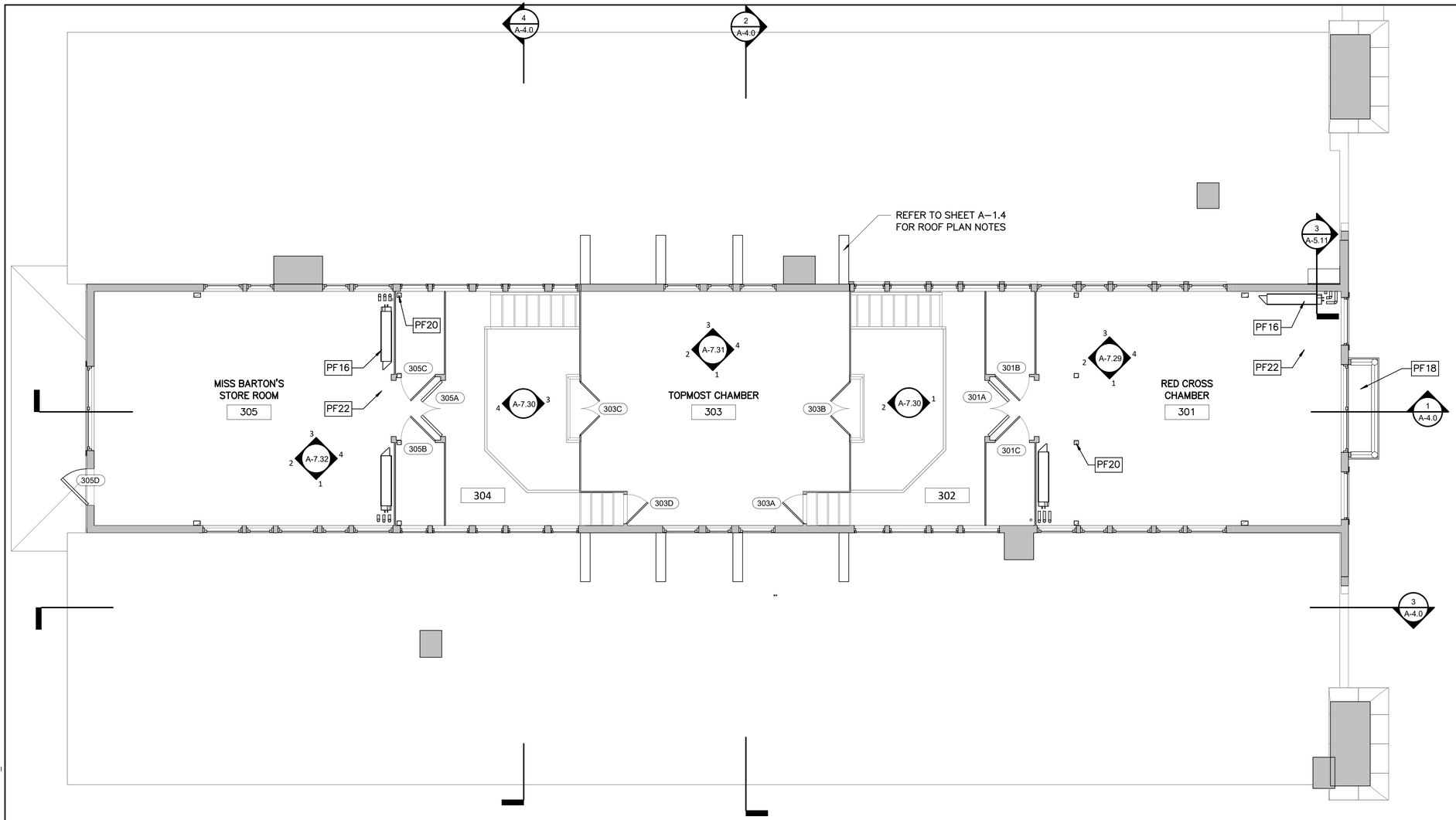
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|---|---|
| PF1 | NEW PTD STEEL COLUMN. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF NEW AND EXISTING COLUMNS THROUGHOUT BASEMENT. |
| PF2 | NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS. |
| PF4 | NEW PTD STEEL CROSS BRACING. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS. |
| PF5 | INSTALL NEW UNDERPINNING. REFER TO STRUCTURAL DRAWINGS AND DEMOLITION PLANS. |
| PF6 | INSTALL NEW BRICK PAVERS TO MATCH EXISTING IN KIND. REFER TO LANDSCAPE DRAWINGS. |
| PF7 | INSTALL (2) POSTS AND BEAM TO SUPPORT BAY. WRAP POSTS AND BEAMS IN PAINTED WOOD TRIM. REFER TO STRUCTURAL DRAWINGS. |
| PF8 | NEW VERTICAL PLATFORM LIFT. REFER TO ENLARGED PLANS AND SECTIONS IN THE A–5 SHEET SERIES. REFER TO STRUCTURAL DRAWINGS FOR NEW SUPPORT. |
| PF9 | NOT USED. |
| PF11 | INFILL FLOOR OPENING WITH WOOD FLOOR CONSTRUCTION TO MATCH EXISTING IN KIND. REFER TO FINISH PLANS (A–9 SERIES) AND STRUCTURAL DRAWINGS. |
| PF12 | REPLACE LOOSE BRICKS IN EXISTING HEARTH. |
| PF13 | NEW WOOD PORCH, STAIR, AND ACCESSIBLE RAMP. REFER TO THE A–5 SHEET SERIES. |
| PF15 | NEW ACCESSIBLE TOILET ROOM. |
| PF16 | NEW FAN COIL UNIT. REFER TO MECHANICAL DRAWINGS. NEW CUSTOM PTD WD ENCLOSURE FOR CONCEALING UNIT. REFER TO ARCHITECTURAL DETAILS. |
| PF18 | NEW UPPER BALCONY. REFER TO THE A–5 SHEET SERIES. |
| PF19 | NEW KITCHENETTE MILLWORK. REFER TO INTERIOR ELEVATIONS AND DETAILS. REFRIGERATOR BY OWNER. |
| PF20 | NEW WOOD POST. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS THROUGHOUT THIRD FLOOR. |
| PF21 | AREA OF NEW CONCRETE SLAB REPLACEMENT. REFER TO DARK OUTLINED AREA (APPROXIMATELY 280 SF). REFER TO STRUCTURAL DRAWINGS. |
| PF22 | BETWEEN 1 BAY OF EXISTING FLOOR JOISTS, INSTALL RATED HORIZONTAL ENCLOSURE (TYPE X GWB) FROM VERTICAL RATED SHAFT TO FAN COIL UNIT ON EAST SIDE OF ROOM. REFER TO MECHANICAL DRAWINGS FOR VRF PATH. INSTALL ENCLOSURE FROM UNDERSIDE OF FLOOR STRUCTURE. |

1 / A–1.2 PROPOSED SECOND FLOOR PLAN
SCALE (A)

4 0 4 8 12
SCALE (A) SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: JA | SUB SHEET NO. A–1.2 | TITLE OF SHEET: PROPOSED SECOND FLOOR PLAN | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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## FLOOR PLAN LEGEND

- NEW WALL
- EXISTING WALL TO REMAIN
- DOOR TYPE & TAG (XXX)
- EXISTING DOOR & TAG (XXX)

## PROPOSED WALL KEYNOTES

| | |
|---|---|
| PW1 | REPOINT MASONRY FOUNDATION |
| PW2 | INSTALL LOUVER WITHIN EXISTING OPENING. REFER TO MECHANICAL DRAWINGS. |
| PW3 | NEW ELECTRICAL COMPONENTS. REFER TO ELECTRICAL DRAWINGS. |
| PW4 | INSTALL SALVAGED FINISHES WHERE REMOVED AFTER STRUCTURAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ROOM ELEVATIONS. |
| PW5 | INSTALL NEW PLASTER WALL FINISH (TO MATCH EXISTING IN KIND) AFTER STRUCTURAL SISTERING SCOPE IS COMPLETE. REFER TO STRUCTURAL DRAWINGS. |
| PW6 | REPLACE PLUMBING FIXTURES. |
| PW7 | REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS. |
| PW8 | INSTALL INTERIOR STORM WINDOW. REFER TO WINDOW SCHEDULE. |
| PW9 | FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING. |
| PW10 | NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS AND INTERIOR ELEVATIONS. |
| PW13 | VIDEO SCREEN TO BE SUPPLIED BY OWNER. |

## PROPOSED FLOOR KEYNOTES

| | |
|---|---|
| PF1 | NEW PTD STEEL COLUMN. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF NEW AND EXISTING COLUMNS THROUGHOUT BASEMENT. |
| PF2 | NEW CONCRETE LANDING. REFER TO CIVIL DRAWINGS. |
| PF4 | NEW PTD STEEL CROSS BRACING. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS. |
| PF5 | INSTALL NEW UNDERPINNING. REFER TO STRUCTURAL DRAWINGS AND DEMOLITION PLANS. |
| PF6 | INSTALL NEW BRICK PAVERS TO MATCH EXISTING IN KIND. REFER TO LANDSCAPE DRAWINGS. |
| PF7 | INSTALL (2) POSTS AND BEAM TO SUPPORT BAY. WRAP POSTS AND BEAMS IN PAINTED WOOD TRIM. REFER TO STRUCTURAL DRAWINGS. |
| PF8 | NEW VERTICAL PLATFORM LIFT. REFER TO ENLARGED PLANS AND SECTIONS IN THE A–5 SHEET SERIES. REFER TO STRUCTURAL DRAWINGS FOR NEW SUPPORT. |
| PF9 | NOT USED. |
| PF11 | INFILL FLOOR OPENING WITH WOOD FLOOR CONSTRUCTION TO MATCH EXISTING IN KIND. REFER TO FINISH PLANS (A–9 SERIES) AND STRUCTURAL DRAWINGS. |
| PF12 | REPLACE LOOSE BRICKS IN EXISTING HEARTH. |
| PF13 | NEW WOOD PORCH, STAIR, AND ACCESSIBLE RAMP. REFER TO THE A–5 SHEET SERIES. |
| PF15 | NEW ACCESSIBLE TOILET ROOM. |
| PF16 | NEW FAN COIL UNIT. REFER TO MECHANICAL DRAWINGS. NEW CUSTOM PTD WD ENCLOSURE FOR CONCEALING UNIT. REFER TO ARCHITECTURAL DETAILS. |
| PF18 | NEW UPPER BALCONY. REFER TO THE A–5 SHEET SERIES. |
| PF19 | NEW KITCHENETTE MILLWORK. REFER TO INTERIOR ELEVATIONS AND DETAILS. REFRIGERATOR BY OWNER. |
| PF20 | NEW WOOD POST. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS THROUGHOUT THIRD FLOOR. |
| PF21 | AREA OF NEW CONCRETE SLAB REPLACEMENT. REFER TO DARK OUTLINED AREA (APPROXIMATELY 280 SF). REFER TO STRUCTURAL DRAWINGS. |
| PF22 | BETWEEN 1 BAY OF EXISTING FLOOR JOISTS, INSTALL RATED HORIZONTAL ENCLOSURE (TYPE X GWB) FROM VERTICAL RATED SHAFT TO FAN COIL UNIT ON EAST SIDE OF ROOM. REFER TO MECHANICAL DRAWINGS FOR VRF PATH. INSTALL ENCLOSURE FROM UNDERSIDE OF FLOOR STRUCTURE. |

## GENERAL FLOOR PLAN NOTES

REPAIR EXISTING PLASTER WALLS. REFER TO INTERIOR ELEVATION DRAWINGS.

FOR EXISTING CLOSETS WITHIN MAIN HALL: RECONSTRUCT REAR WALL AROUND NEW METAL SISTERED JOIST. REFER TO STRUCTURAL DRAWINGS FOR SCOPE ABOVE CEILING.

REINSTALL SALVAGED EXISTING FLOORING AFTER VERTICAL COLUMN, STANDPIPE, OR DUCTWORK INSTALLATION. REFER TO DEMOLITION AND TRADE DRAWINGS.

INSTALL SALVAGED FINISHES SIDING WHERE REMOVED AFTER INSTALLATION OF LATERAL COLLECTOR CONNECTIONS. REFER TO STRUCTURAL DRAWINGS AND INTERIOR ELEVATION DRAWINGS.

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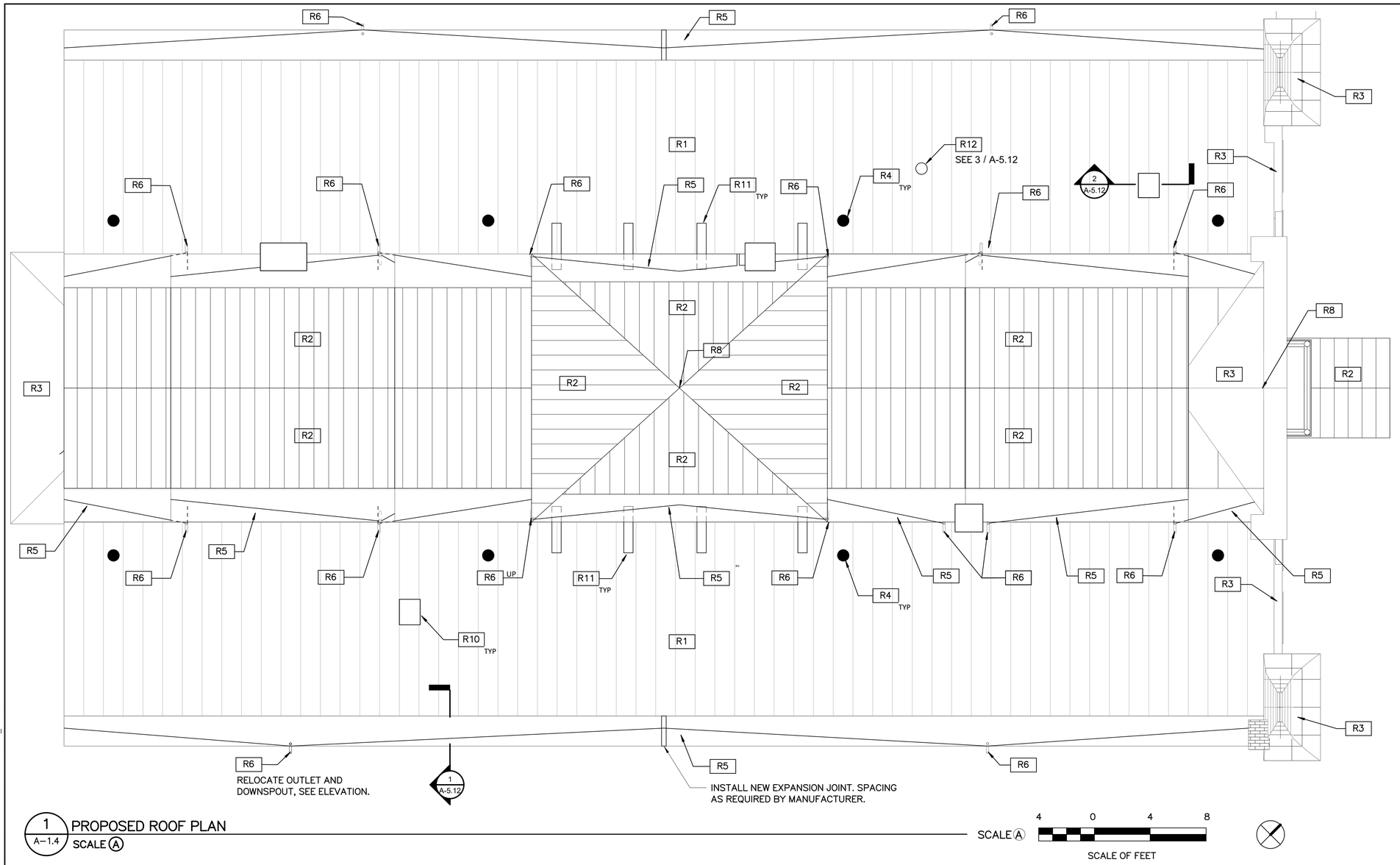
SCALE (A) SCALE OF FEET

1 A–1.3 PROPOSED THIRD FLOOR PLAN
SCALE (A)

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|---|---|---|---|
| DESIGNED: JA | SUB SHEET NO. A-1.3 | TITLE OF SHEET: PROPOSED THIRD FLOOR PLAN | DRAWING NO. 895 179603 |
| CADD: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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1 / A–1.4 PROPOSED ROOF PLAN
SCALE Ⓐ

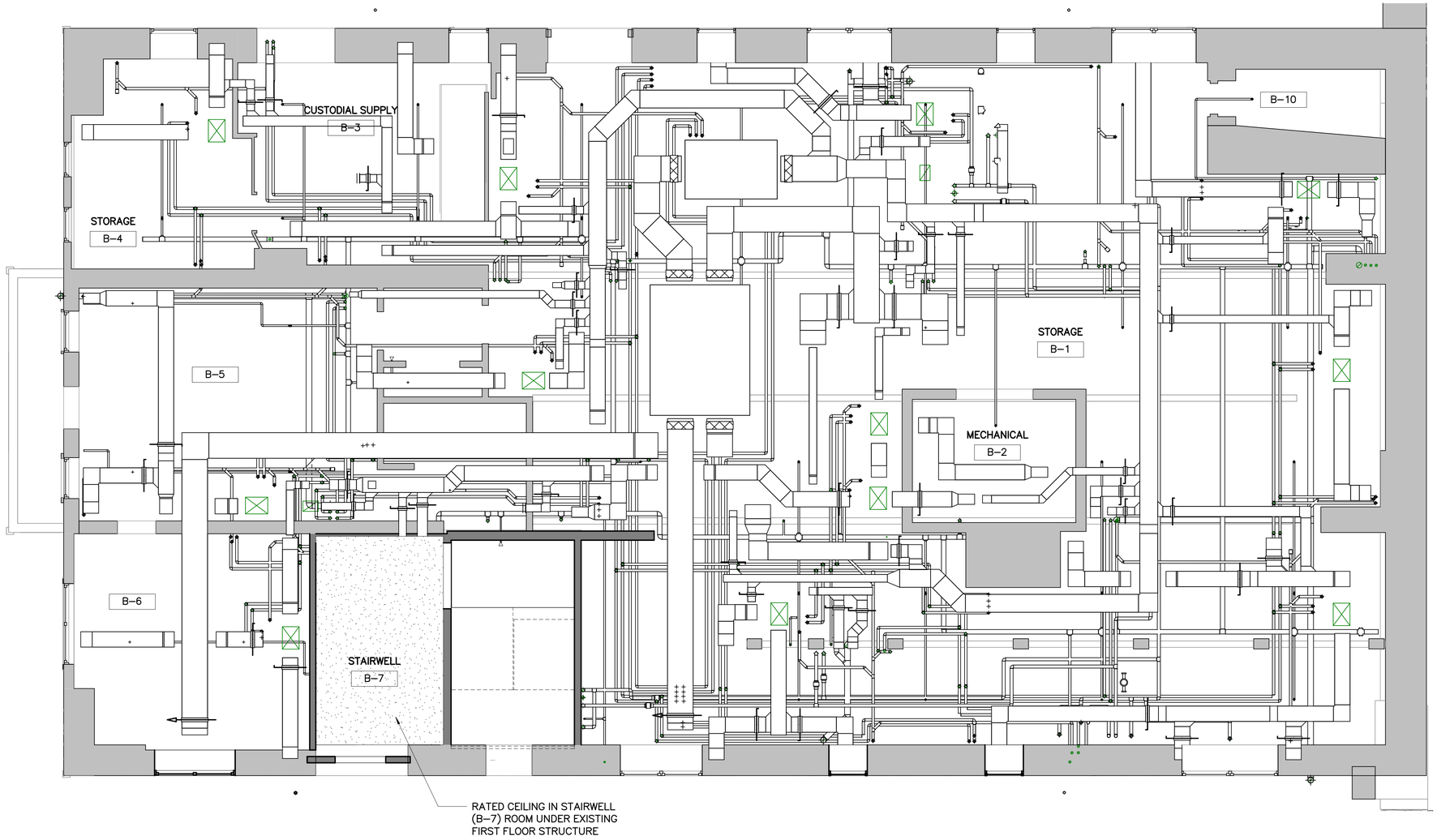
SCALE Ⓐ 4 0 4 8
SCALE OF FEET

## ROOF PLAN KEYNOTES

- R1 INSTALL REPLACEMENT ROOFING WITH NEW PTD STANDING SEAM COPPER TO MATCH EXISTING. INSTALL ADDITIONAL LAYER OF PLYWOOD SHEATHING OVER EXISTING SHEATHING. REFER TO STRUCTURAL.
- R2 INSTALL REPLACEMENT ROOFING WITH NEW PTD STANDING SEAM COPPER TO MATCH EXISTING. EXISTING SHEATHING BOARD TO REMAIN.
- R3 INSTALL REPLACEMENT FLAT SEAM SHEET METAL WITH COPPER TO MATCH EXISTING. EXISTING SHEATHING BOARD TO REMAIN.
- R4 NEW FALL PROTECTION COMPONENTS. REFER TO SUPPLEMENTAL DRAWINGS.
- R5 INSTALL REPLACEMENT POLE GUTTER WITH NEW COPPER POLE GUTTER TO MATCH EXISTING.
- R6 INSTALL SALVAGED OR NEW COPPER DOWNSPOUT TO MATCH EXISTING.
- R8 INSTALL NEW COPPER FLASHING AT FLAGPOLE. UPON VERTICAL ACCESS NOTIFY ARCHITECT TO EXAMINE CONDITION OF FLAGPOLE. ASSUME THAT FLAGPOLE SHAFT IS REMOVED FOR ROOFING WORK AND MINOR REPAIRS TO BE REINSTALLED. PROVIDE NEW CABLE AND PULLEY FOR HOISTING FLAG.
- R10 EXISTING CHIMNEY TO REMAIN. REFER TO REPAIR ELEVATION FOR BRICK REPOINTING SCOPE. INSTALL NEW COPPER STEP FLASHING.
- R11 NEW EXTERIOR PLYWOOD GUSSETS TO ALIGN WITH EXISTING MULLIONS. FINISH WITH METAL TO MATCH ROOFING. REFER TO STRUCTURAL.
- R12 EXISTING PIPE PENETRATION. INSTALL NEW COPPER PIPE FLASHING.

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-1.4 | TITLE OF SHEET<br>PROPOSED ROOF PLAN<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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## CEILING PLAN LEGEND

- PLASTER CEILING REPLACEMENT
- GWB CEILING REPLACEMENT
- NEW MUSLIN
- ORIGINAL MUSLIN REMOVAL, CONSERVATION, AND REINSTALLATION
- PLASTER CRACK REPAIR
- PLASTER DELAMINATION/LOSS REPAIR

1 / A–2.0 PROPOSED BASEMENT REFLECTED CEILING PLAN
SCALE Ⓐ

SCALE Ⓐ 4 0 4 8
SCALE OF FEET

## REFLECTED CEILING PLAN KEYNOTES

C1 REPLACE EXISTING MUSLIN (PREVIOUSLY RESTORED) WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING AND PAINT.

C2 CAREFULLY REINSTALL EXISTING MUSLIN (ORIGINAL) ON NEW BACK WITH TACKS TO MATCH EXISTING.

C3 REPLACE PLASTER CEILING IN KIND.

C4 REPAIR EXISTING PLASTER CEILING. REFER TO CONSERVATION ASSESSMENT.

C5 EXISTING MUSLIN (PREVIOUSLY RESTORED) TO REMAIN.

C6 REPLACE EXISTING GWB CEILING WITH NEW PTD GWB CEILING.

C7 EXISTING CEILING TO REMAIN.

C8 REPLACE EXISTING PREVIOUSLY RESTORED MUSLIN WITH PTD GWB CEILING.

C9 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.

C10 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.

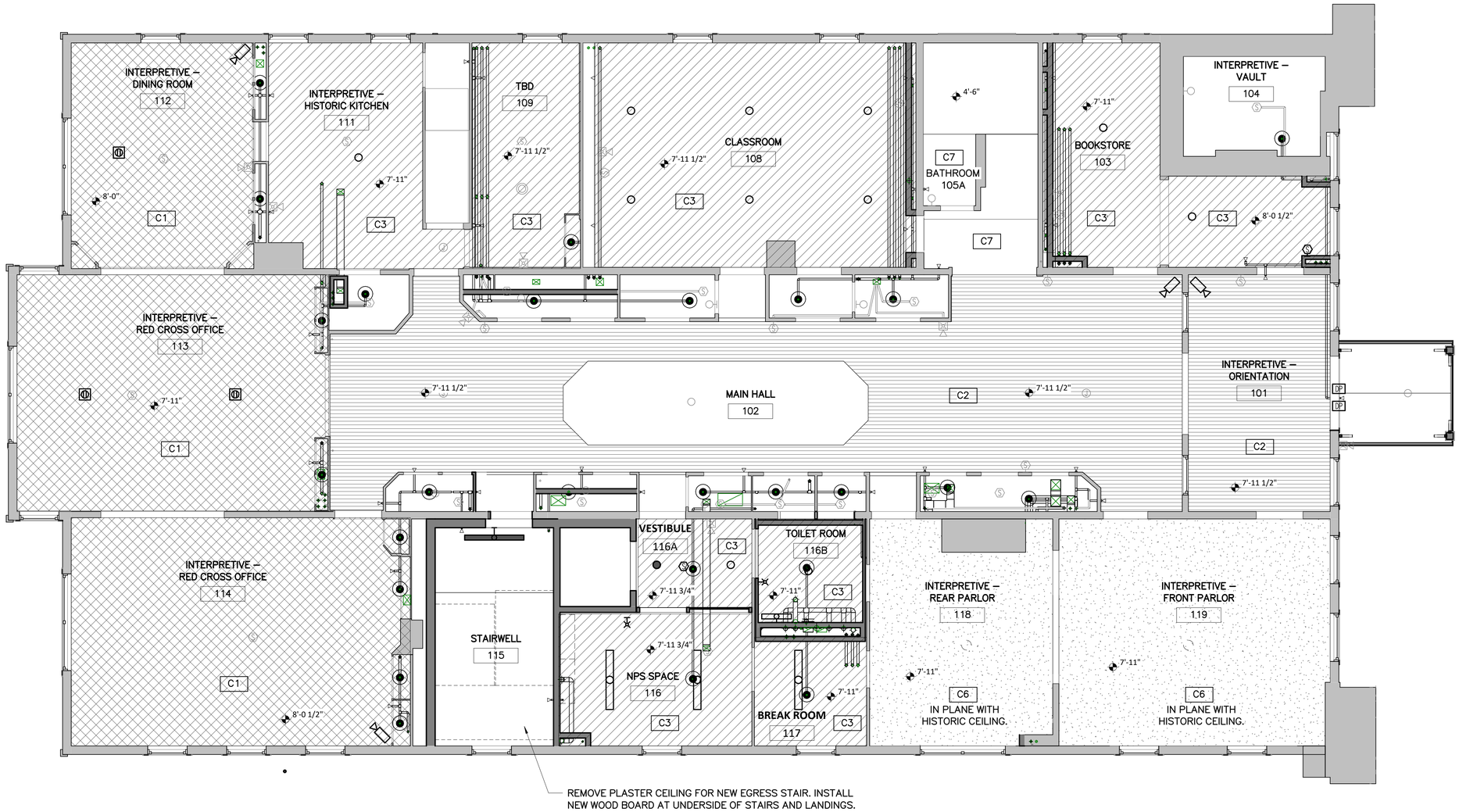
C11 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.

## CEILING PLAN GENERAL NOTES

1. MECHANICAL & ELECTRICAL DEVICES, LIGHTING, FIRE ALARM DEVICES, AND SPRINKLER HEADS ARE SHOWN FOR PLACEMENT ONLY. REFER TO SYSTEM DRAWINGS FOR TYPES & NUMBER OF DEVICES.
2. PROVIDE GWB RETURN AT ALL GWB SOFFITS.
3. CENTER ALL DEVICES IN CENTER OF CEILING UNLESS OTHERWISE NOTED.
4. EXISTING PAINTED WOOD BOARD CEILINGS IN CLOSETS TO REMAIN.

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| DESIGNED: JA<br>CADD: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-2.0 | TITLE OF SHEET<br>PROPOSED BASEMENT REFLECTED CEILING PLAN<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895<br>179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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## CEILING PLAN LEGEND

- PLASTER CEILING REPLACEMENT
- GWB CEILING REPLACEMENT
- NEW MUSLIN
- ORIGINAL MUSLIN REMOVAL, CONSERVATION, AND REINSTALLATION
- PLASTER CRACK REPAIR
- PLASTER DELAMINATION/LOSS REPAIR

1 / A–2.1 PROPOSED FIRST FLOOR REFLECTED CEILING PLAN

SCALE Ⓐ

SCALE Ⓐ 4 0 4 8

SCALE OF FEET

## REFLECTED CEILING PLAN KEYNOTES

- C1 REPLACE EXISTING MUSLIN (PREVIOUSLY RESTORED) WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING AND PAINT.
- C2 CAREFULLY REINSTALL EXISTING MUSLIN (ORIGINAL) ON NEW BACK WITH TACKS TO MATCH EXISTING.
- C3 REPLACE PLASTER CEILING IN KIND.
- C4 REPAIR EXISTING PLASTER CEILING. REFER TO CONSERVATION ASSESSMENT.
- C5 EXISTING MUSLIN (PREVIOUSLY RESTORED) TO REMAIN.
- C6 REPLACE EXISTING GWB CEILING WITH NEW PTD GWB CEILING.
- C7 EXISTING CEILING TO REMAIN.
- C8 REPLACE EXISTING PREVIOUSLY RESTORED MUSLIN WITH PTD GWB CEILING.
- C9 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- C10 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- C11 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.

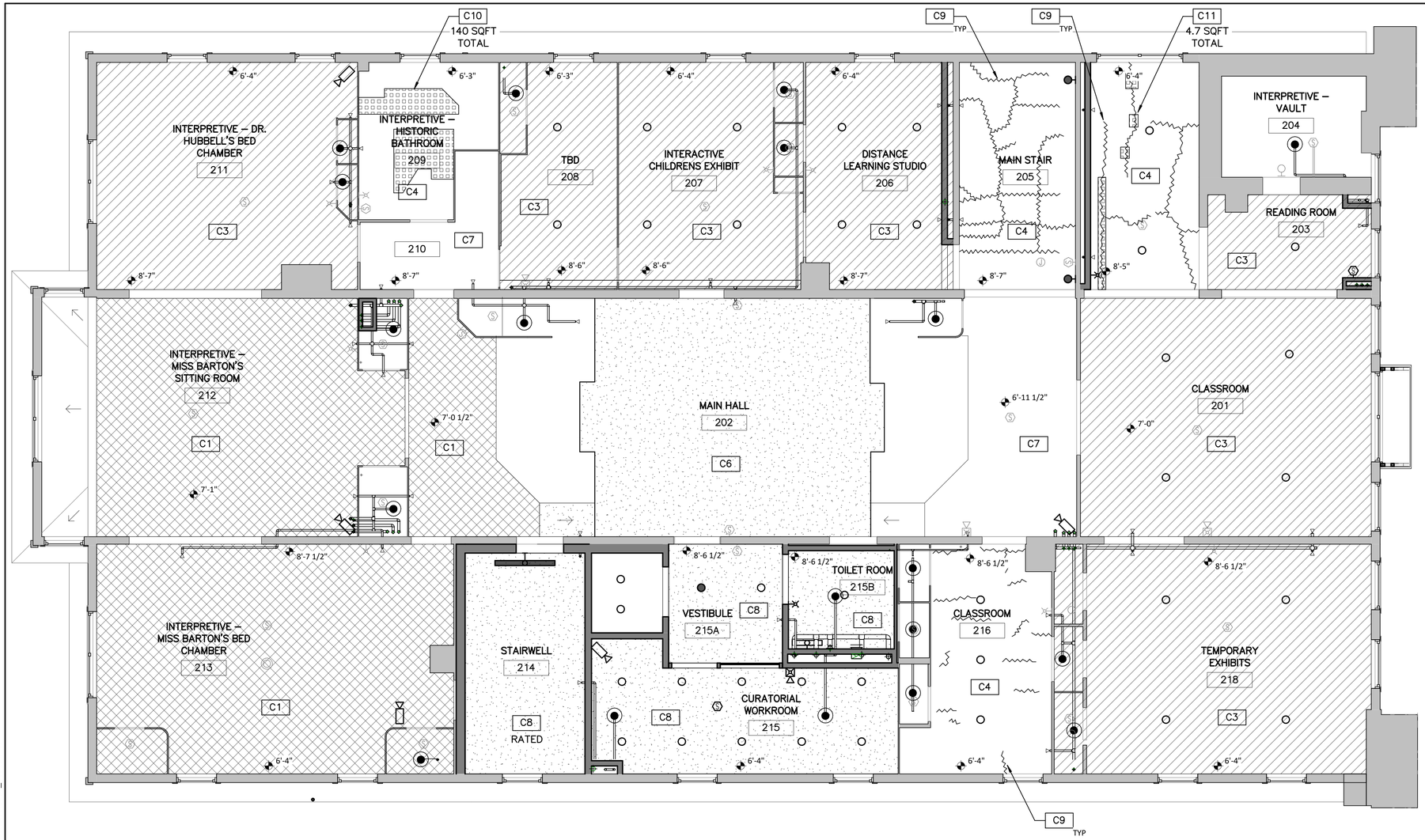
## CEILING PLAN GENERAL NOTES

1. MECHANICAL & ELECTRICAL DEVICES, LIGHTING, FIRE ALARM DEVICES, AND SPRINKLER HEADS ARE SHOWN FOR PLACEMENT ONLY. REFER TO SYSTEM DRAWINGS FOR TYPES & NUMBER OF DEVICES.
2. PROVIDE GWB RETURN AT ALL GWB SOFFITS.
3. CENTER ALL DEVICES IN CENTER OF CEILING UNLESS OTHERWISE NOTED.
4. EXISTING PAINTED WOOD BOARD CEILINGS IN CLOSETS TO REMAIN.

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-2.1 | TITLE OF SHEET<br>PROPOSED FIRST FLOOR REFLECTED CEILING PLAN<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE |

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

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1 A–2.2 PROPOSED SECOND FLOOR REFLECTED CEILING PLAN

SCALE Ⓐ

SCALE Ⓐ 4 0 4 8

SCALE OF FEET

## CEILING PLAN LEGEND

- PLASTER CEILING REPLACEMENT
- GWB CEILING REPLACEMENT
- NEW MUSLIN
- ORIGINAL MUSLIN REMOVAL, CONSERVATION, AND REINSTALLATION
- PLASTER CRACK REPAIR
- PLASTER DELAMINATION/LOSS REPAIR

## REFLECTED CEILING PLAN KEYNOTES

C1 REPLACE EXISTING MUSLIN (PREVIOUSLY RESTORED) WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING AND PAINT.

C2 CAREFULLY REINSTALL EXISTING MUSLIN (ORIGINAL) ON NEW BACK WITH TACKS TO MATCH EXISTING.

C3 REPLACE PLASTER CEILING IN KIND.

C4 REPAIR EXISTING PLASTER CEILING. REFER TO CONSERVATION ASSESSMENT.

C5 EXISTING MUSLIN (PREVIOUSLY RESTORED) TO REMAIN.

C6 REPLACE EXISTING GWB CEILING WITH NEW PTD GWB CEILING.

C7 EXISTING CEILING TO REMAIN.

C8 REPLACE EXISTING PREVIOUSLY RESTORED MUSLIN WITH PTD GWB CEILING.

C9 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.

C10 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.

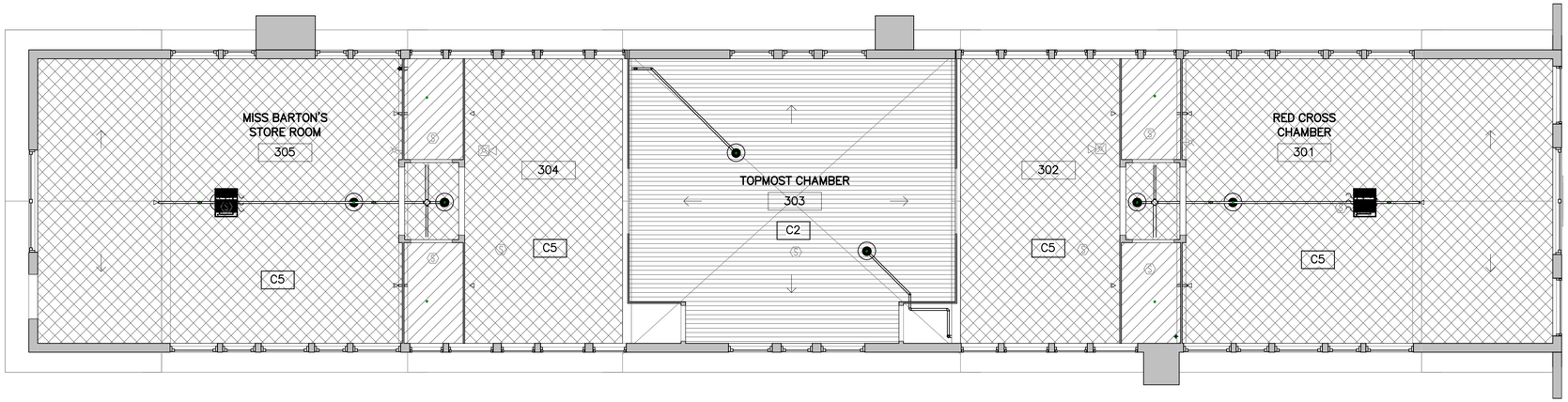
C11 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.

## CEILING PLAN GENERAL NOTES

1. MECHANICAL & ELECTRICAL DEVICES, LIGHTING, FIRE ALARM DEVICES, AND SPRINKLER HEADS ARE SHOWN FOR PLACEMENT ONLY. REFER TO SYSTEM DRAWINGS FOR TYPES & NUMBER OF DEVICES.
2. PROVIDE GWB RETURN AT ALL GWB SOFFITS.
3. CENTER ALL DEVICES IN CENTER OF CEILING UNLESS OTHERWISE NOTED.
4. EXISTING PAINTED WOOD BOARD CEILINGS IN CLOSETS TO REMAIN.

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| DESIGNED: JA | SUB SHEET NO. A-2.2 | TITLE OF SHEET: PROPOSED SECOND FLOOR REFLECTED CEILING PLAN | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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## CEILING PLAN LEGEND

- PLASTER CEILING REPLACEMENT
- GWB CEILING REPLACEMENT
- NEW MUSLIN
- ORIGINAL MUSLIN REMOVAL, CONSERVATION, AND REINSTALLATION
- PLASTER CRACK REPAIR
- PLASTER DELAMINATION/LOSS REPAIR

1 / A-2.3 PROPOSED THIRD FLOOR REFLECTED CEILING PLAN

SCALE Ⓐ

SCALE Ⓐ 4 0 4 8

SCALE OF FEET

## REFLECTED CEILING PLAN KEYNOTES

C1 REPLACE EXISTING MUSLIN (PREVIOUSLY RESTORED) WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING AND PAINT.

C2 CAREFULLY REINSTALL EXISTING MUSLIN (ORIGINAL) ON NEW BACK WITH TACKS TO MATCH EXISTING.

C3 REPLACE PLASTER CEILING IN KIND.

C4 REPAIR EXISTING PLASTER CEILING. REFER TO CONSERVATION ASSESSMENT.

C5 EXISTING MUSLIN (PREVIOUSLY RESTORED) TO REMAIN.

C6 REPLACE EXISTING GWB CEILING WITH NEW PTD GWB CEILING.

C7 EXISTING CEILING TO REMAIN.

C8 REPLACE EXISTING PREVIOUSLY RESTORED MUSLIN WITH PTD GWB CEILING.

C9 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.

C10 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.

C11 RE-ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.

## CEILING PLAN GENERAL NOTES

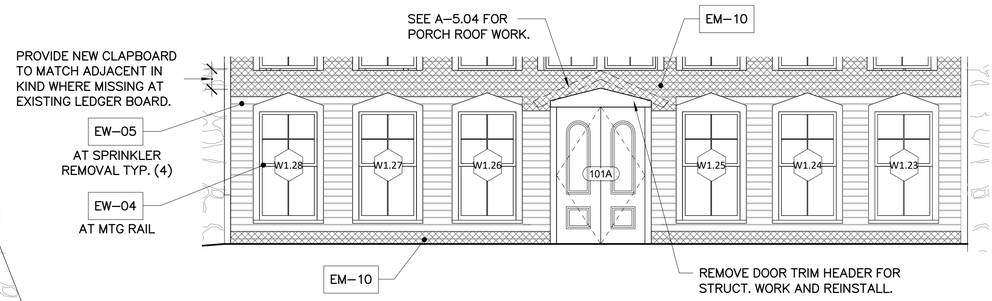
1. MECHANICAL & ELECTRICAL DEVICES, LIGHTING, FIRE ALARM DEVICES, AND SPRINKLER HEADS ARE SHOWN FOR PLACEMENT ONLY. REFER TO SYSTEM DRAWINGS FOR TYPES & NUMBER OF DEVICES.
2. PROVIDE GWB RETURN AT ALL GWB SOFFITS.
3. CENTER ALL DEVICES IN CENTER OF CEILING UNLESS OTHERWISE NOTED.
4. EXISTING PAINTED WOOD BOARD CEILINGS IN CLOSETS TO REMAIN.

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1 NORTH ELEVATION - REPAIR WORK
SCALE: 1/4" = 1'-0"




2 NORTH ELEVATION - REPAIR WORK AT FIRST FLOOR
SCALE: 1/4" = 1'-0"

## EXTERIOR TREATMENTS

- REPOINTING
- UNIT REPLACEMENT OF CLAPBOARDS WITH NEW OR SALVAGED TO MATCH EXISTING.
- REPLACE WOOD TRIM WITH NEW TO MATCH EXISTING.
- CLEAN SURFACE OF SOILING OR BIOLIGICAL GROWTH.
- HSR: GERMAN SIDING WITH 4 1/2" TO 5" EXPOSURE AND 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 1 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 3/4" UNDERCUT. (LIKELY REPLACED AT SAME TIME AS SIDING ON THE SOUTHWEST ELEVATION)

## GENERAL REPAIR NOTES

1. REFER TO WINDOW SCHEDULE FOR WINDOW REPAIR SCOPE. SOME WINDOWS WILL REQUIRE REMOVAL OF SASH FOR REPAIRS TO BE COMPLETED. RESTORE BOTH WINDOW & DOOR FRAMES.
2. CONTRACTOR SHOULD BEGIN REMOVALS CAREFULLY AND REPORT DETERIORATED CONDITIONS AT HEADERS AND OTHER COMPONENTS TO ARCHITECT BEFORE PROCEEDING.
3. PROVIDE PROTECTION TO OPENINGS WHERE SASH ARE REMOVED. DO NOT FASTEN PROTECTION TO HISTORIC WOOD FINISHES OR MASONRY. SUBMIT PROTECTION DESIGN FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
4. SCRAPE OR STRIP PAINT, FILL HOLES, SAND, PRIME & PAINT ALL EXTERIOR FRAMES, SASH, AND TRIM TO MATCH EXISTING. NEW WOOD COMPONENTS TO BE BACKPRIMED AND FIELD FINISHED.
5. WHERE SASH ARE RESTORED IN PLACE, FILL MINOR HOLES AND SCRATCHES WITH PUTTY OR EPOXY. REPLACE WINDOW PUTTY WHERE DETERIORATED. SCRAPE OR STRIP PAINT, SAND, PRIME, AND PAINT EXTERIOR.
6. WHERE SASH ARE REMOVED FROM SITE FOR RESTORATION:
   - A. REPAIR SASH TO MATCH EXISTING SIZE AND PROFILE OF COMPONENTS.
   - B. REPLACE SEVERELY DETERIORATED WOOD WITH NEW WOOD DUTCHMAN TO MATCH SPECIES.
   - C. ASSUM HEM–FIR, DOUGLAS FIR FOR NEW COMPONENTS. USE CLEAR GRADE, DECAY RESISTANT HEARTWOOD STOCK, WOOD GRAIN FINISH TO MATCH EXISTING.
   - D. WHERE PARTING BEADS ARE DAMAGED IN SASH REMOVAL, REPLACE TO MATCH EXISTING. REMOVE AND REINSTALL CASING AS REQUIRED.
   - E. INSTALL NEW GLAZING PUTTY WHERE DETERIORATED.
   - F. REPLACE GLAZING TO MATCH EXISTING WHERE CRACKED OR BROKEN.
   - G. SAND, PRIME, AND PAINT ALL EXTERIOR PORTIONS. PROVIDE (1) INTERIOR COLOR TO MATCH EXISTING.
   - H. REINSTALL WINDOW SASH, TRIM, WINDOW STOPS OR BEADS, AND FINAL PAINT AS REQUIRED.
7. CLEAN FACADE OF BIOLOGICAL GROWTH AND STAINING.
8. REPAINT 100% PAINTED SURFACES INCLUDING SIDING, TRIM, AND WINDOWS. SEE HAZMAT SPEC FOR LEAD PAINT REMOVAL. KNOCK OFF ANY LOOSE ADHERING PAINT, SCRAPE ANY PEELING PAINT. PRIME AREAS, AND REPAINT ENTIRE SURFACE.

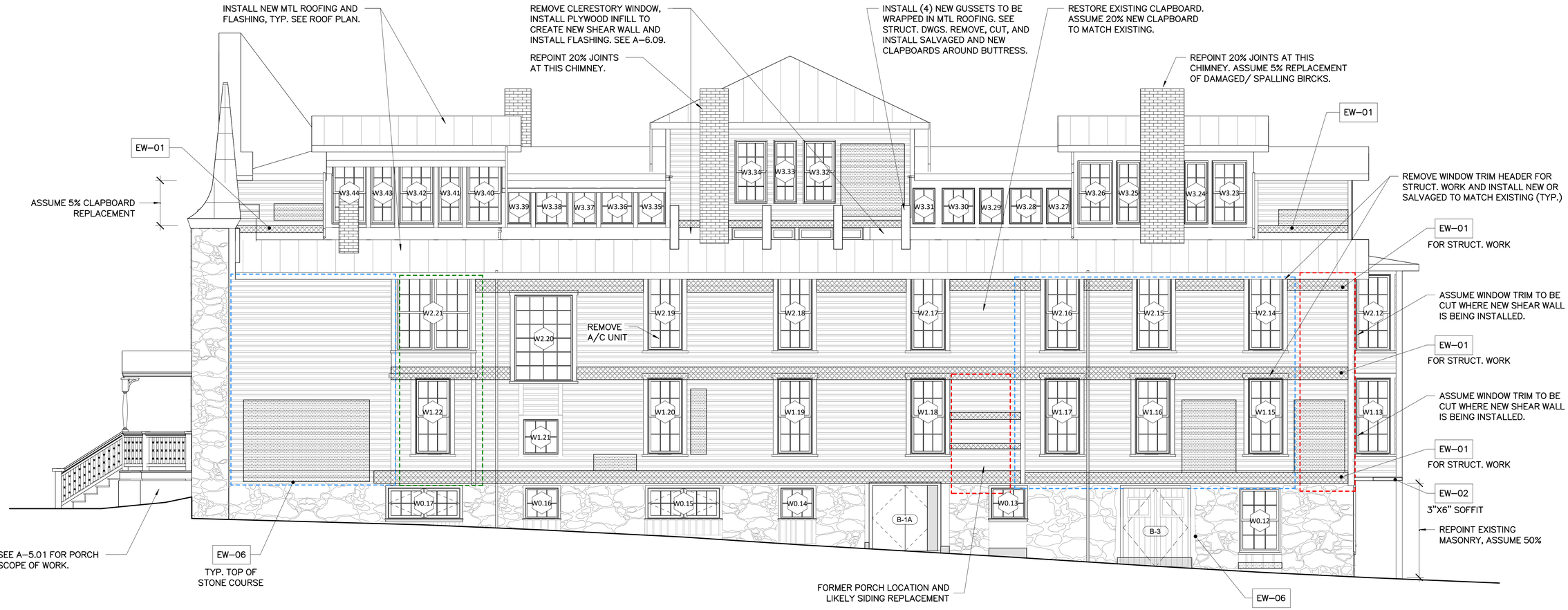
## EXTERIOR KEYNOTES

| | |
|---|---|
| EW–01 | UNIT REPLACEMENT, WITH SALVAGED OR NEW WOOD. |
| EW–02 | NEW STANDING OR RUNNING TRIM, SALVAGED OR NEW WOOD. |
| EW–03 | WOOD DUTCHMAN. |
| EW–04 | REPAIR AND RESET SIDING, SEAL OPEN JOINTS. |
| EW–05 | PATCH WOOD |
| EW–06 | APPLY SEALANT AT WOOD OR MASONRY JOINT. |
| EM–10 | PATCH HOLES IN MASONRY. |
| EM–11 | REPOINT MASONRY. |

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SCALE Ⓐ SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: JA | SUB SHEET NO. A-3.0 | TITLE OF SHEET: REPAIR WORK EXTERIOR ELEVATIONS | DRAWING NO. 895 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | 179603 |
| TECH. REVIEW: MJM, MS | | | PMIS/PKG NO. 312325 |
| DATE: 1/10/2025 | | | SHEET ___ OF X |

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1 / A–3.1 WEST ELEVATION – REPAIR WORK
SCALE Ⓐ

## EXTERIOR TREATMENTS

- REPOINTING
- UNIT REPLACEMENT OF CLAPBOARDS WITH NEW OR SALVAGED TO MATCH EXISTING.
- REPLACE WOOD TRIM WITH NEW TO MATCH EXISTING.
- CLEAN SURFACE OF SOILING OR BIOLIGICAL GROWTH.
- HSR: GERMAN SIDING WITH 4 1/2" TO 5" EXPOSURE AND 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 1 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 3/4" UNDERCUT. (LIKELY REPLACED AT SAME TIME AS SIDING ON THE SOUTHWEST ELEVATION)

## GENERAL REPAIR NOTES

1. REFER TO WINDOW SCHEDULE FOR WINDOW REPAIR SCOPE. SOME WINDOWS WILL REQUIRE REMOVAL OF SASH FOR REPAIRS TO BE COMPLETED. RESTORE BOTH WINDOW & DOOR FRAMES.
2. CONTRACTOR SHOULD BEGIN REMOVALS CAREFULLY AND REPORT DETERIORATED CONDITIONS AT HEADERS AND OTHER COMPONENTS TO ARCHITECT BEFORE PROCEEDING.
3. PROVIDE PROTECTION TO OPENINGS WHERE SASH ARE REMOVED. DO NOT FASTEN PROTECTION TO HISTORIC WOOD FINISHES OR MASONRY. SUBMIT PROTECTION DESIGN FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
4. SCRAPE OR STRIP PAINT, FILL HOLES, SAND, PRIME & PAINT ALL EXTERIOR FRAMES, SASH, AND TRIM TO MATCH EXISTING. NEW WOOD COMPONENTS TO BE BACKPRIMED AND FIELD FINISHED.
5. WHERE SASH ARE RESTORED IN PLACE, FILL MINOR HOLES AND SCRATCHES WITH PUTTY OR EPOXY. REPLACE WINDOW PUTTY WHERE DETERIORATED. SCRAPE OR STRIP PAINT, SAND, PRIME, AND PAINT EXTERIOR.
6. WHERE SASH ARE REMOVED FROM SITE FOR RESTORATION:
   - A. REPAIR SASH TO MATCH EXISTING SIZE AND PROFILE OF COMPONENTS.
   - B. REPLACE SEVERELY DETERIORATED WOOD WITH NEW WOOD DUTCHMAN TO MATCH SPECIES.
   - C. ASSUM HEM–FIR, DOUGLAS FIR FOR NEW COMPONENTS. USE CLEAR GRADE, DECAY RESISTANT HEARTWOOD STOCK, WOOD GRAIN FINISH TO MATCH EXISTING.
   - D. WHERE PARTING BEADS ARE DAMAGED IN SASH REMOVAL, REPLACE TO MATCH EXISTING. REMOVE AND REINSTALL CASING AS REQUIRED.
   - E. INSTALL NEW GLAZING PUTTY WHERE DETERIORATED.
   - F. REPLACE GLAZING TO MATCH EXISTING WHERE CRACKED OR BROKEN.
   - G. SAND, PRIME, AND PAINT ALL EXTERIOR PORTIONS. PROVIDE (1) INTERIOR COLOR TO MATCH EXISTING.
   - H. REINSTALL WINDOW SASH, TRIM, WINDOW STOPS OR BEADS, AND FINAL PAINT AS REQUIRED.
7. CLEAN FACADE OF BIOLOGICAL GROWTH AND STAINING.
8. REPAINT 100% PAINTED SURFACES INCLUDING SIDING, TRIM, AND WINDOWS. SEE HAZMAT SPEC FOR LEAD PAINT REMOVAL. KNOCK OFF ANY LOOSE ADHERING PAINT, SCRAPE ANY PEELING PAINT. PRIME AREAS, AND REPAINT ENTIRE SURFACE.

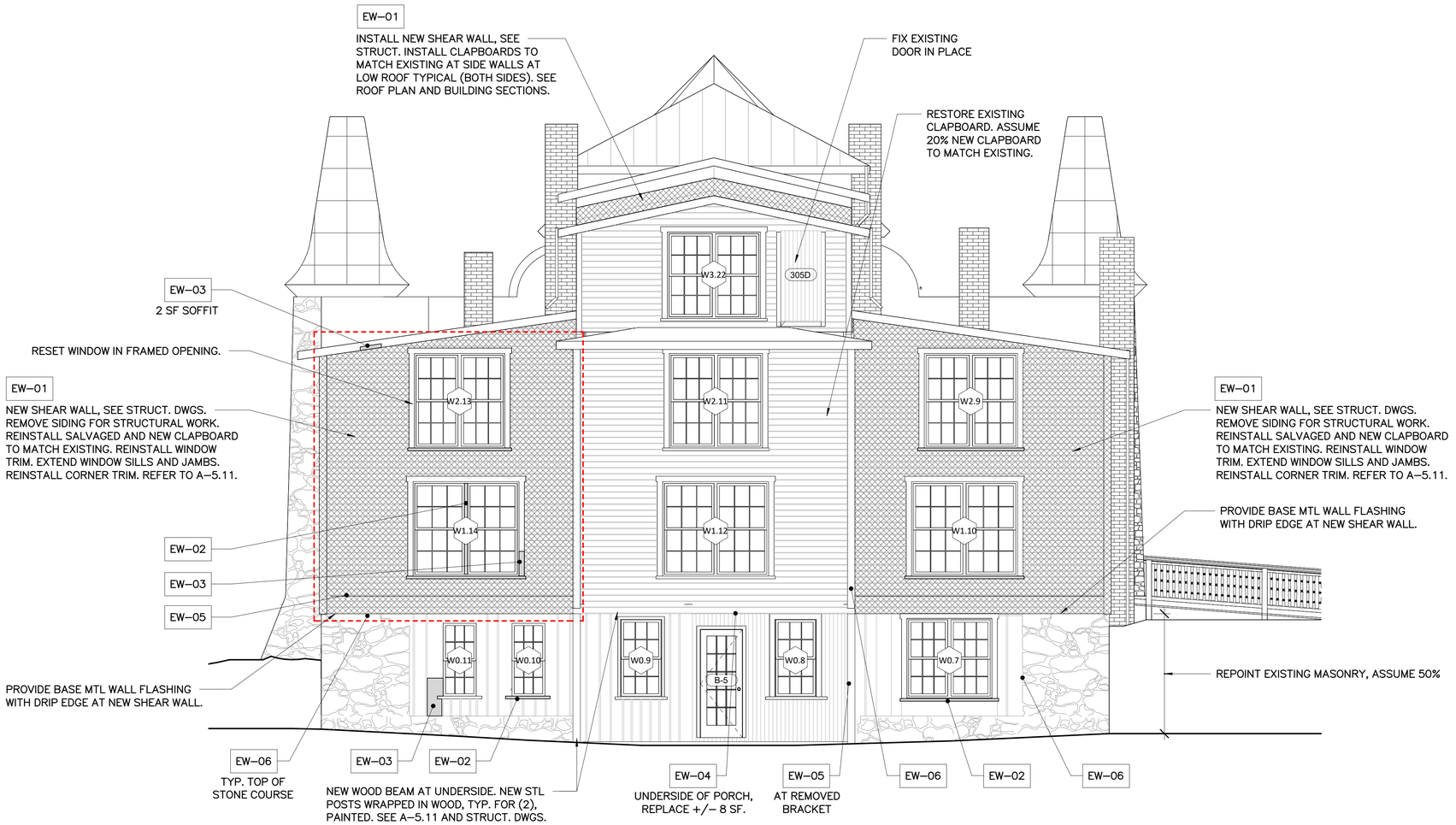
## EXTERIOR KEYNOTES

| | |
|---|---|
| EW–01 | UNIT REPLACEMENT, WITH SALVAGED OR NEW WOOD. |
| EW–02 | NEW STANDING OR RUNNING TRIM, SALVAGED OR NEW WOOD. |
| EW–03 | WOOD DUTCHMAN. |
| EW–04 | REPAIR AND RESET SIDING, SEAL OPEN JOINTS. |
| EW–05 | PATCH WOOD |
| EW–06 | APPLY SEALANT AT WOOD OR MASONRY JOINT. |
| EM–10 | PATCH HOLES IN MASONRY. |
| EM–11 | REPOINT MASONRY. |

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SCALE Ⓐ SCALE OF FEET

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-3.1 | TITLE OF SHEET<br>REPAIR WORK EXTERIOR ELEVATIONS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895<br>179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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1 / A–3.2 SOUTH ELEVATION – REPAIR WORK
SCALE Ⓐ

## EXTERIOR TREATMENTS

- REPOINTING
- UNIT REPLACEMENT OF CLAPBOARDS WITH NEW OR SALVAGED TO MATCH EXISTING.
- REPLACE WOOD TRIM WITH NEW TO MATCH EXISTING.
- CLEAN SURFACE OF SOILING OR BIOLIGICAL GROWTH.
- HSR: GERMAN SIDING WITH 4 1/2" TO 5" EXPOSURE AND 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 1 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 3/4" UNDERCUT. (LIKELY REPLACED AT SAME TIME AS SIDING ON THE SOUTHWEST ELEVATION)

## GENERAL REPAIR NOTES

1. REFER TO WINDOW SCHEDULE FOR WINDOW REPAIR SCOPE. SOME WINDOWS WILL REQUIRE REMOVAL OF SASH FOR REPAIRS TO BE COMPLETED. RESTORE BOTH WINDOW & DOOR FRAMES.
2. CONTRACTOR SHOULD BEGIN REMOVALS CAREFULLY AND REPORT DETERIORATED CONDITIONS AT HEADERS AND OTHER COMPONENTS TO ARCHITECT BEFORE PROCEEDING.
3. PROVIDE PROTECTION TO OPENINGS WHERE SASH ARE REMOVED. DO NOT FASTEN PROTECTION TO HISTORIC WOOD FINISHES OR MASONRY. SUBMIT PROTECTION DESIGN FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
4. SCRAPE OR STRIP PAINT, FILL HOLES, SAND, PRIME & PAINT ALL EXTERIOR FRAMES, SASH, AND TRIM TO MATCH EXISTING. NEW WOOD COMPONENTS TO BE BACKPRIMED AND FIELD FINISHED.
5. WHERE SASH ARE RESTORED IN PLACE, FILL MINOR HOLES AND SCRATCHES WITH PUTTY OR EPOXY. REPLACE WINDOW PUTTY WHERE DETERIORATED. SCRAPE OR STRIP PAINT, SAND, PRIME, AND PAINT EXTERIOR.
6. WHERE SASH ARE REMOVED FROM SITE FOR RESTORATION:
   - A. REPAIR SASH TO MATCH EXISTING SIZE AND PROFILE OF COMPONENTS.
   - B. REPLACE SEVERELY DETERIORATED WOOD WITH NEW WOOD DUTCHMAN TO MATCH SPECIES.
   - C. ASSUM HEM–FIR, DOUGLAS FIR FOR NEW COMPONENTS. USE CLEAR GRADE, DECAY RESISTANT HEARTWOOD STOCK, WOOD GRAIN FINISH TO MATCH EXISTING.
   - D. WHERE PARTING BEADS ARE DAMAGED IN SASH REMOVAL, REPLACE TO MATCH EXISTING. REMOVE AND REINSTALL CASING AS REQUIRED.
   - E. INSTALL NEW GLAZING PUTTY WHERE DETERIORATED.
   - F. REPLACE GLAZING TO MATCH EXISTING WHERE CRACKED OR BROKEN.
   - G. SAND, PRIME, AND PAINT ALL EXTERIOR PORTIONS. PROVIDE (1) INTERIOR COLOR TO MATCH EXISTING.
   - H. REINSTALL WINDOW SASH, TRIM, WINDOW STOPS OR BEADS, AND FINAL PAINT AS REQUIRED.
7. CLEAN FACADE OF BIOLOGICAL GROWTH AND STAINING.
8. REPAINT 100% PAINTED SURFACES INCLUDING SIDING, TRIM, AND WINDOWS. SEE HAZMAT SPEC FOR LEAD PAINT REMOVAL. KNOCK OFF ANY LOOSE ADHERING PAINT, SCRAPE ANY PEELING PAINT. PRIME AREAS, AND REPAINT ENTIRE SURFACE.

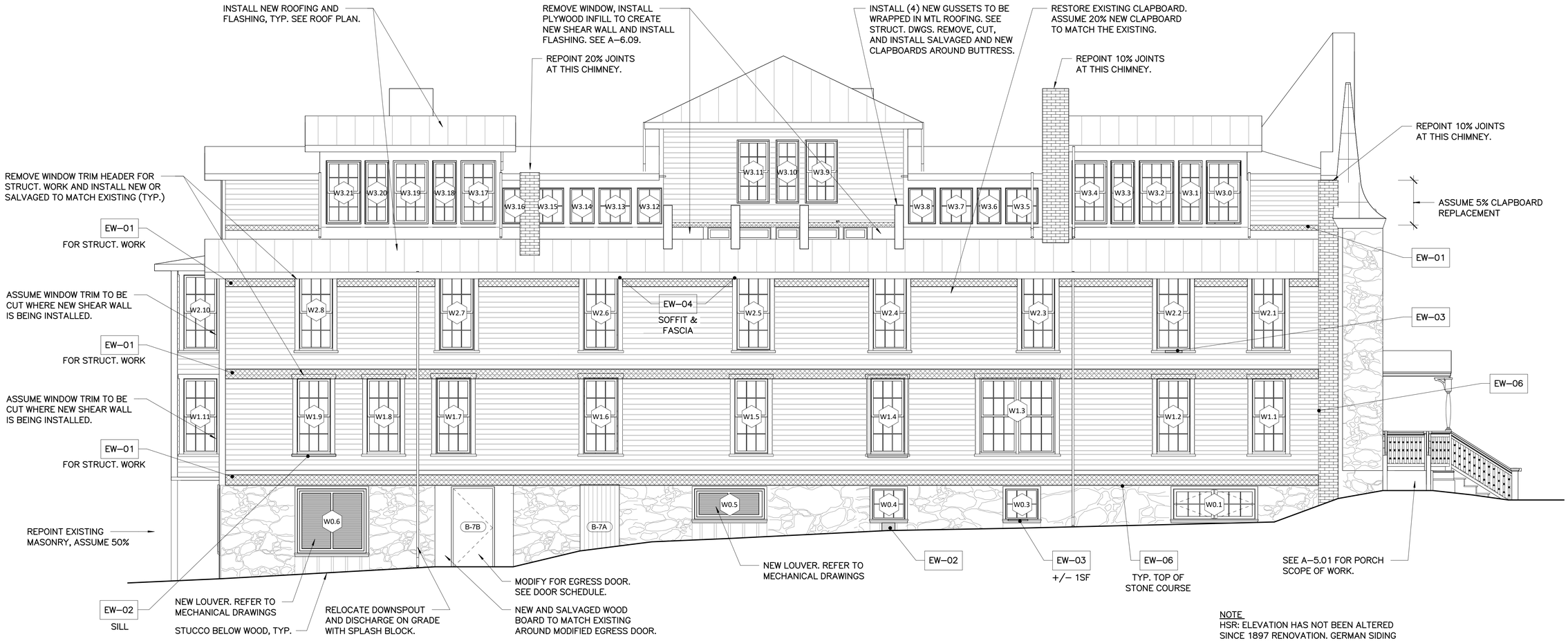
## EXTERIOR KEYNOTES

| | |
|---|---|
| EW–01 | UNIT REPLACEMENT, WITH SALVAGED OR NEW WOOD. |
| EW–02 | NEW STANDING OR RUNNING TRIM, SALVAGED OR NEW WOOD. |
| EW–03 | WOOD DUTCHMAN. |
| EW–04 | REPAIR AND RESET SIDING, SEAL OPEN JOINTS. |
| EW–05 | PATCH WOOD |
| EW–06 | APPLY SEALANT AT WOOD OR MASONRY JOINT. |
| EM–10 | PATCH HOLES IN MASONRY. |
| EM–11 | REPOINT MASONRY. |

4 0 4 8
SCALE Ⓐ SCALE OF FEET

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-3.2 | TITLE OF SHEET<br>REPAIR WORK EXTERIOR ELEVATIONS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF X |

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1 A–3.3 EAST ELEVATION – REPAIR WORK
SCALE Ⓐ

NOTE
HSR: ELEVATION HAS NOT BEEN ALTERED SINCE 1897 RENOVATION. GERMAN SIDING WITH 5 3/8" EXPOSURE AND 3/4" UNDERCUT

## EXTERIOR TREATMENTS

- REPOINTING
- UNIT REPLACEMENT OF CLAPBOARDS WITH NEW OR SALVAGED TO MATCH EXISTING.
- REPLACE WOOD TRIM WITH NEW TO MATCH EXISTING.
- CLEAN SURFACE OF SOILING OR BIOLIGICAL GROWTH.
- HSR: GERMAN SIDING WITH 4 1/2" TO 5" EXPOSURE AND 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 1 3/4" UNDERCUT
- HSR: GERMAN SIDING WITH 5" EXPOSURE AND 3/4" UNDERCUT. (LIKELY REPLACED AT SAME TIME AS SIDING ON THE SOUTHWEST ELEVATION)

## GENERAL REPAIR NOTES

1. REFER TO WINDOW SCHEDULE FOR WINDOW REPAIR SCOPE. SOME WINDOWS WILL REQUIRE REMOVAL OF SASH FOR REPAIRS TO BE COMPLETED. RESTORE BOTH WINDOW & DOOR FRAMES.
2. CONTRACTOR SHOULD BEGIN REMOVALS CAREFULLY AND REPORT DETERIORATED CONDITIONS AT HEADERS AND OTHER COMPONENTS TO ARCHITECT BEFORE PROCEEDING.
3. PROVIDE PROTECTION TO OPENINGS WHERE SASH ARE REMOVED. DO NOT FASTEN PROTECTION TO HISTORIC WOOD FINISHES OR MASONRY. SUBMIT PROTECTION DESIGN FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
4. SCRAPE OR STRIP PAINT, FILL HOLES, SAND, PRIME & PAINT ALL EXTERIOR FRAMES, SASH, AND TRIM TO MATCH EXISTING. NEW WOOD COMPONENTS TO BE BACKPRIMED AND FIELD FINISHED.
5. WHERE SASH ARE RESTORED IN PLACE, FILL MINOR HOLES AND SCRATCHES WITH PUTTY OR EPOXY. REPLACE WINDOW PUTTY WHERE DETERIORATED. SCRAPE OR STRIP PAINT, SAND, PRIME, AND PAINT EXTERIOR.
6. WHERE SASH ARE REMOVED FROM SITE FOR RESTORATION:
   - A. REPAIR SASH TO MATCH EXISTING SIZE AND PROFILE OF COMPONENTS.
   - B. REPLACE SEVERELY DETERIORATED WOOD WITH NEW WOOD DUTCHMAN TO MATCH SPECIES.
   - C. ASSUM HEM–FIR, DOUGLAS FIR FOR NEW COMPONENTS. USE CLEAR GRADE, DECAY RESISTANT HEARTWOOD STOCK, WOOD GRAIN FINISH TO MATCH EXISTING.
   - D. WHERE PARTING BEADS ARE DAMAGED IN SASH REMOVAL, REPLACE TO MATCH EXISTING. REMOVE AND REINSTALL CASING AS REQUIRED.
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   - F. REPLACE GLAZING TO MATCH EXISTING WHERE CRACKED OR BROKEN.
   - G. SAND, PRIME, AND PAINT ALL EXTERIOR PORTIONS. PROVIDE (1) INTERIOR COLOR TO MATCH EXISTING.
   - H. REINSTALL WINDOW SASH, TRIM, WINDOW STOPS OR BEADS, AND FINAL PAINT AS REQUIRED.
7. CLEAN FACADE OF BIOLOGICAL GROWTH AND STAINING.
8. REPAINT 100% PAINTED SURFACES INCLUDING SIDING, TRIM, AND WINDOWS. SEE HAZMAT SPEC FOR LEAD PAINT REMOVAL. KNOCK OFF ANY LOOSE ADHERING PAINT, SCRAPE ANY PEELING PAINT. PRIME AREAS, AND REPAINT ENTIRE SURFACE.

## EXTERIOR KEYNOTES

- EW–01 UNIT REPLACEMENT, WITH SALVAGED OR NEW WOOD.
- EW–02 NEW STANDING OR RUNNING TRIM, SALVAGED OR NEW WOOD.
- EW–03 WOOD DUTCHMAN.
- EW–04 REPAIR AND RESET SIDING, SEAL OPEN JOINTS.
- EW–05 PATCH WOOD
- EW–06 APPLY SEALANT AT WOOD OR MASONRY JOINT.
- EM–10 PATCH HOLES IN MASONRY.
- EM–11 REPOINT MASONRY.

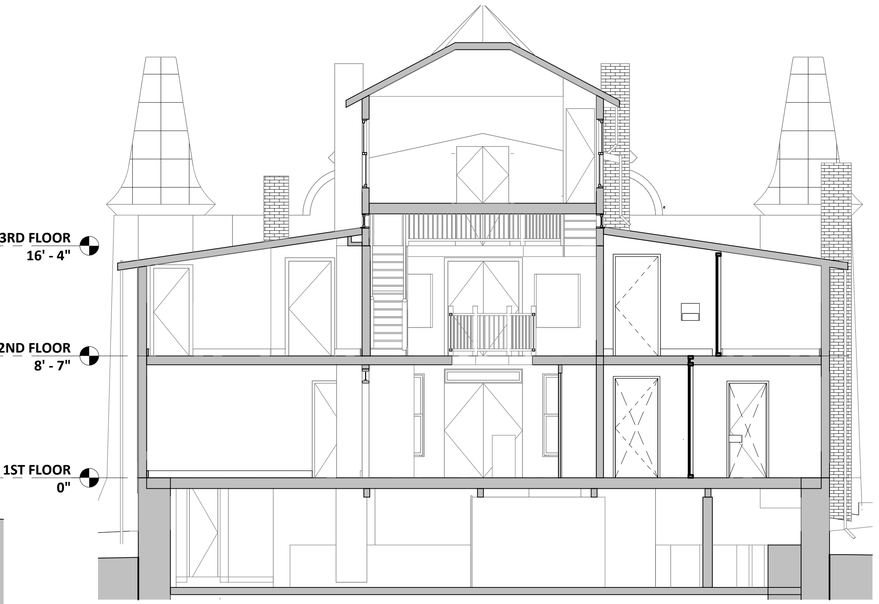
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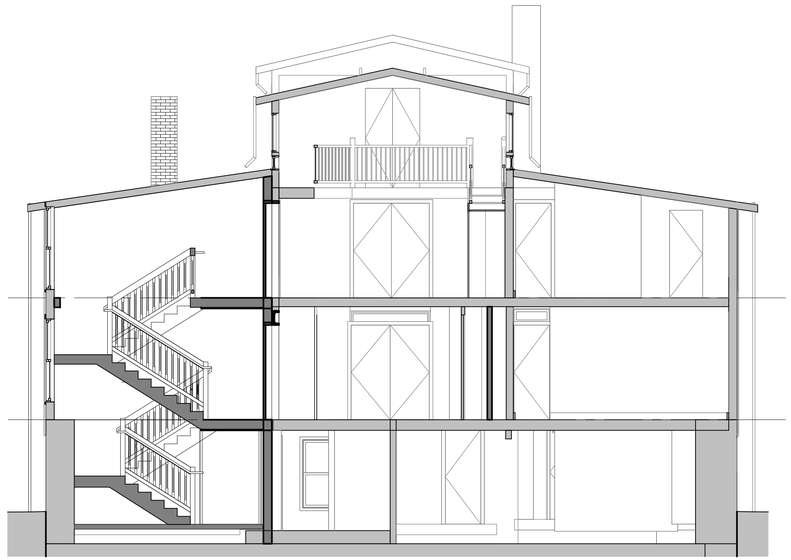

1 A–4.0 BUILDING SECTION – LONGITUDINAL (LOOKING WEST)
SCALE A




2 A–4.0 BUILDING SECTION – CROSS (LOOKING NORTH)
SCALE A




3 A–4.0 BUILDING SECTION – LONGITUDINAL (LOOKING EAST)
SCALE A

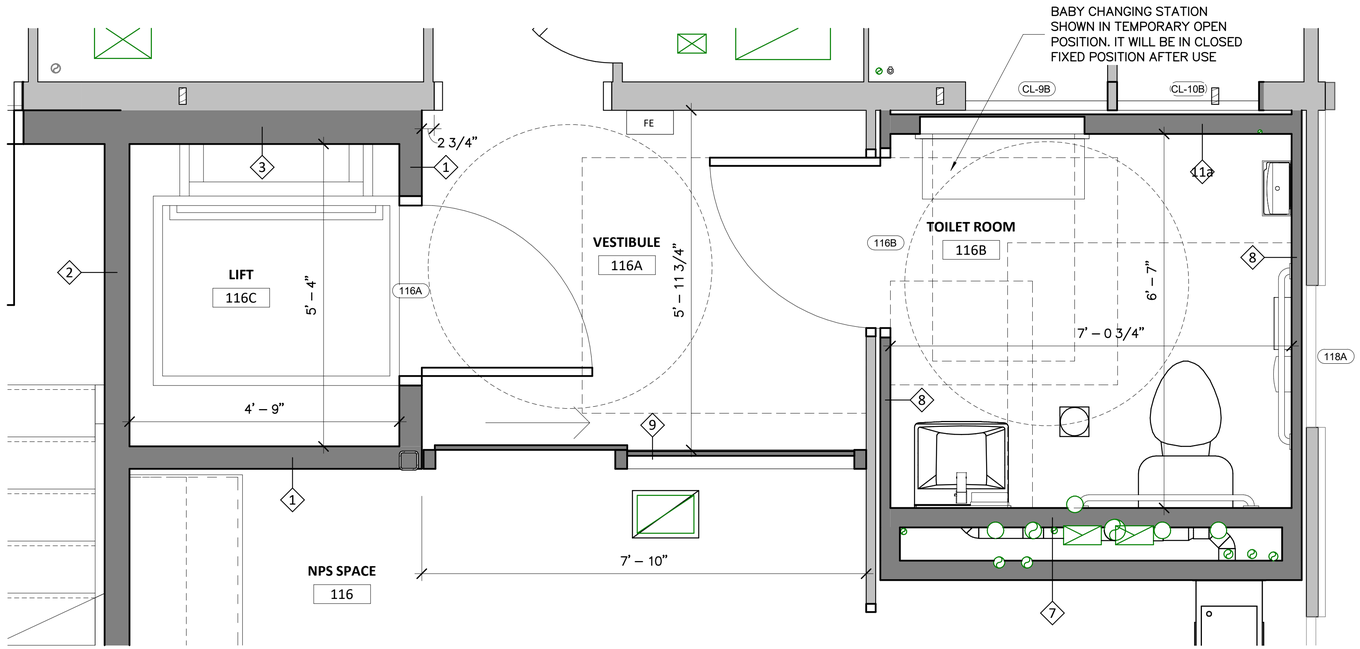


4 A–4.0 BUILDING SECTION – CROSS (LOOKING SOUTH)
SCALE A

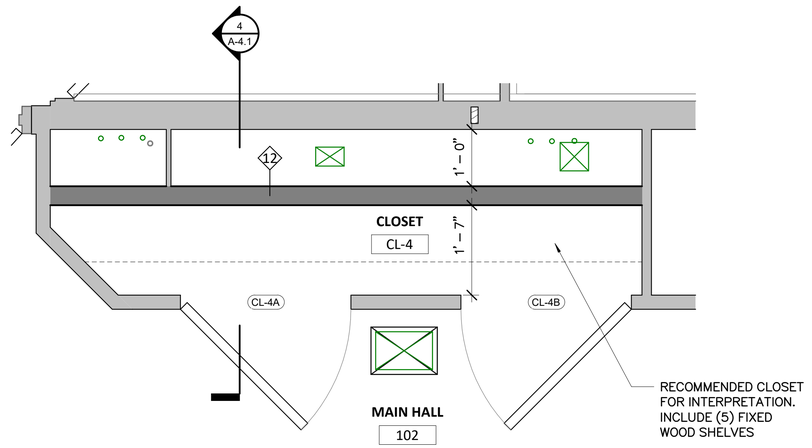
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| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

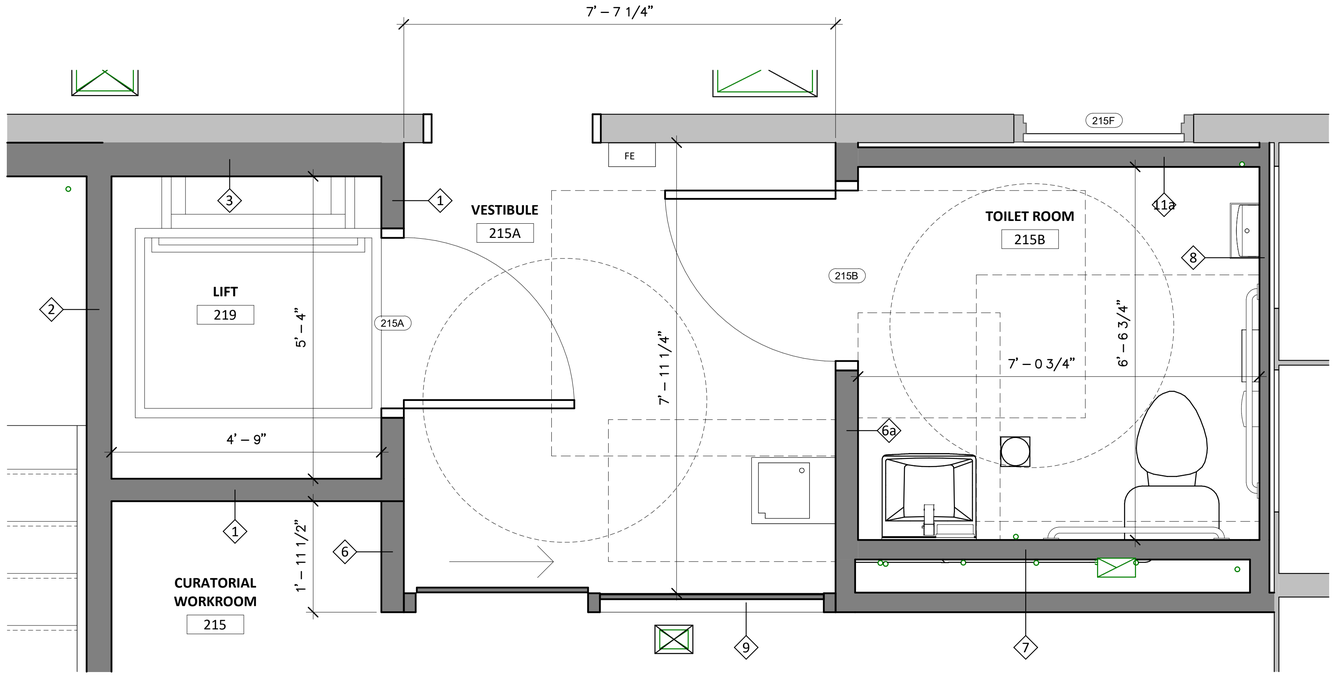
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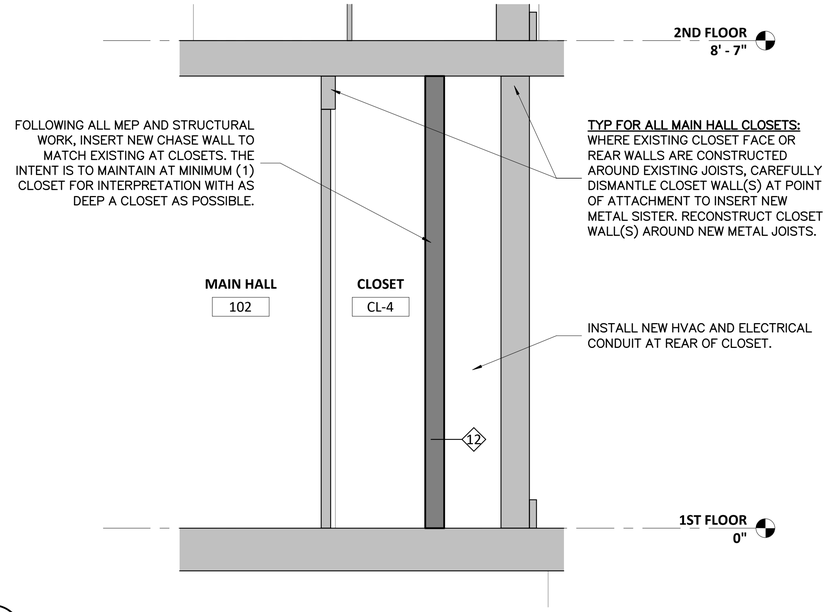

1 A–4.1 ENLARGED PLAN – FIRST FLOOR LIFT & TOILET ROOM
SCALE A




3 A–4.1 ENLARGED PLAN – CLOSET CL–4
SCALE A



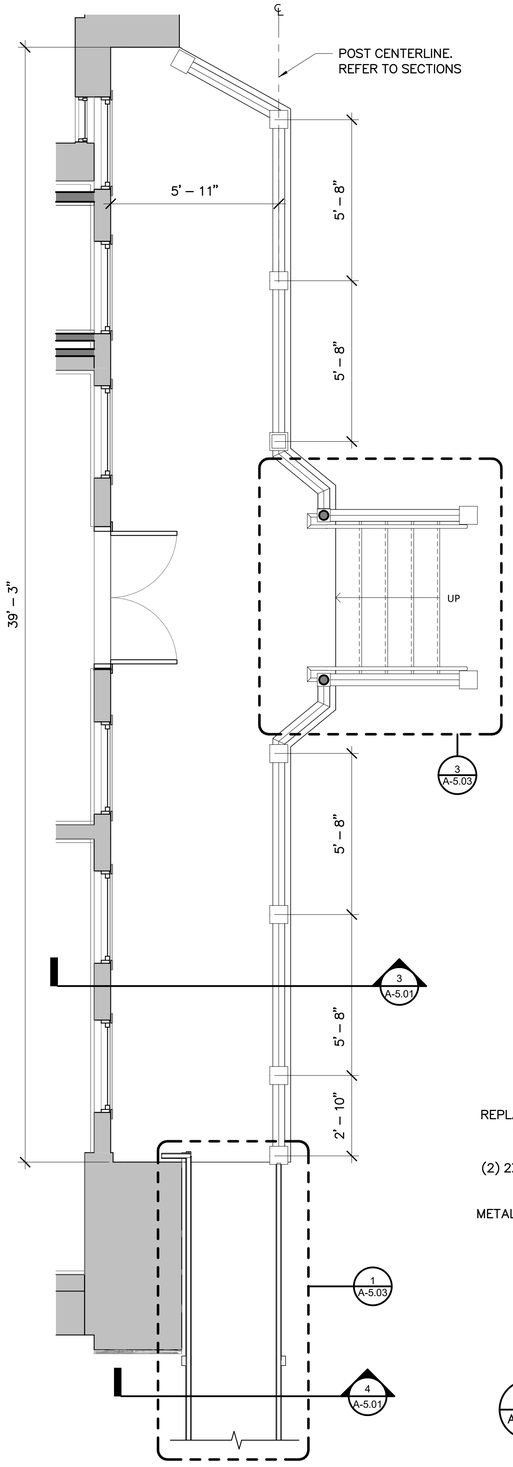

2 A–4.1 ENLARGED PLAN – SECOND FLOOR LIFT & TOILET ROOM
SCALE A



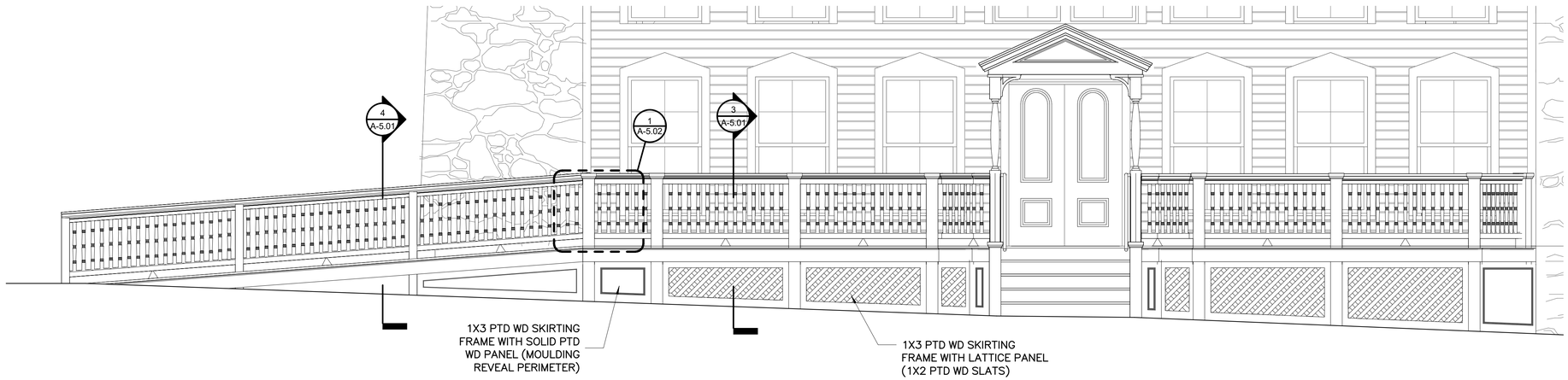

4 A–4.1 SECTION – CLOSET CL–4
SCALE A

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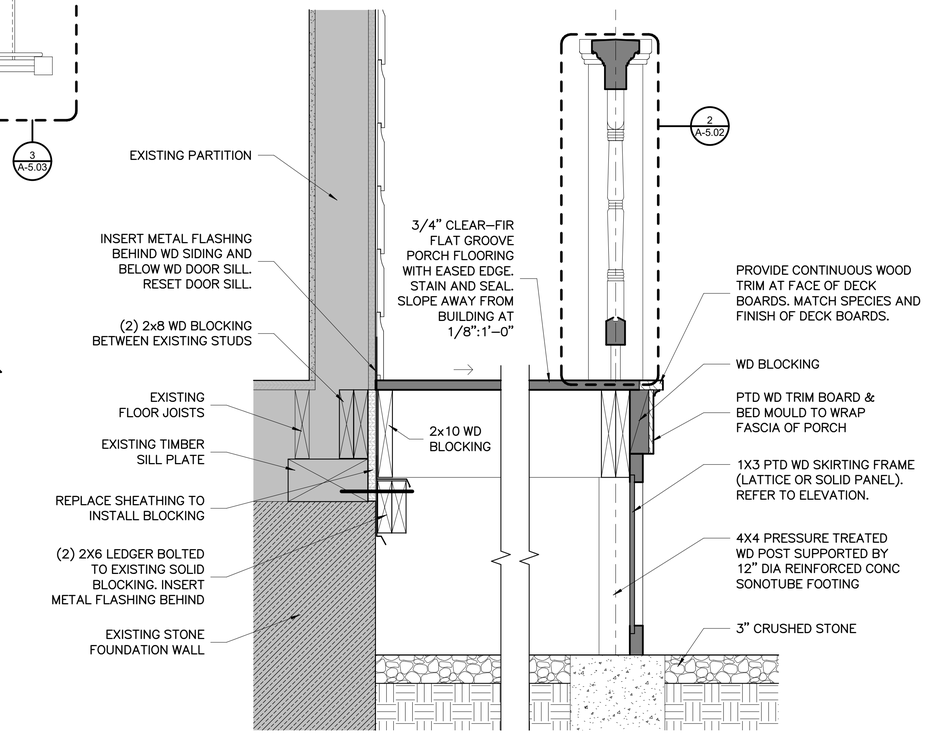
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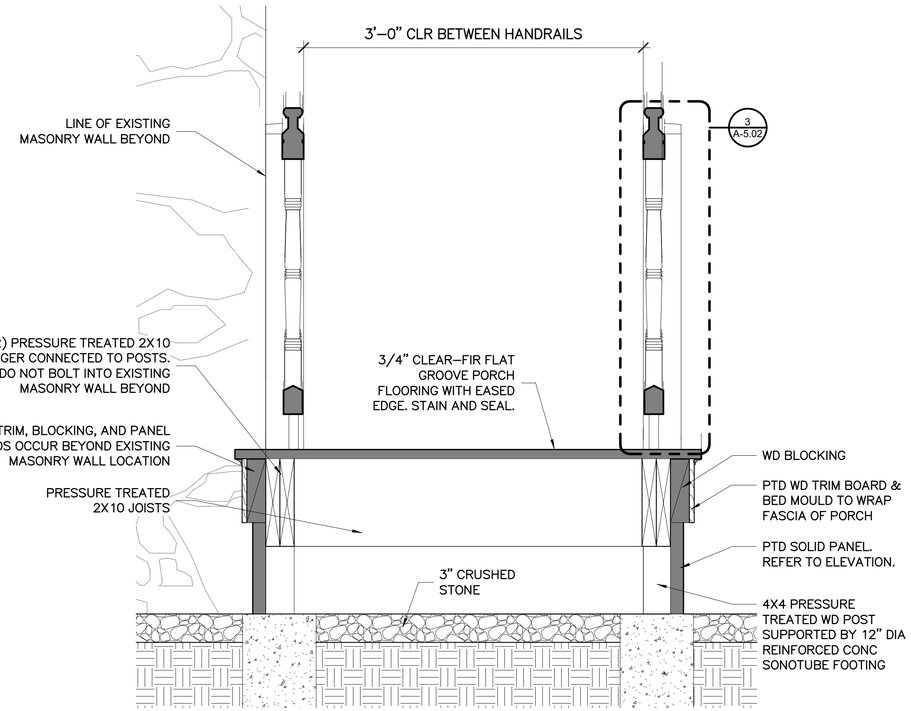

1 A–5.01 FRONT PORCH ENLARGED PLAN
SCALE Ⓐ




2 A–5.01 ENLARGED FRONT PORCH ELEVATION
SCALE Ⓐ




3 A–5.01 FRONT PORCH CROSS SECTION
SCALE Ⓑ




4 A–5.01 RAMP CROSS SECTION
SCALE Ⓑ

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SCALE OF FEET

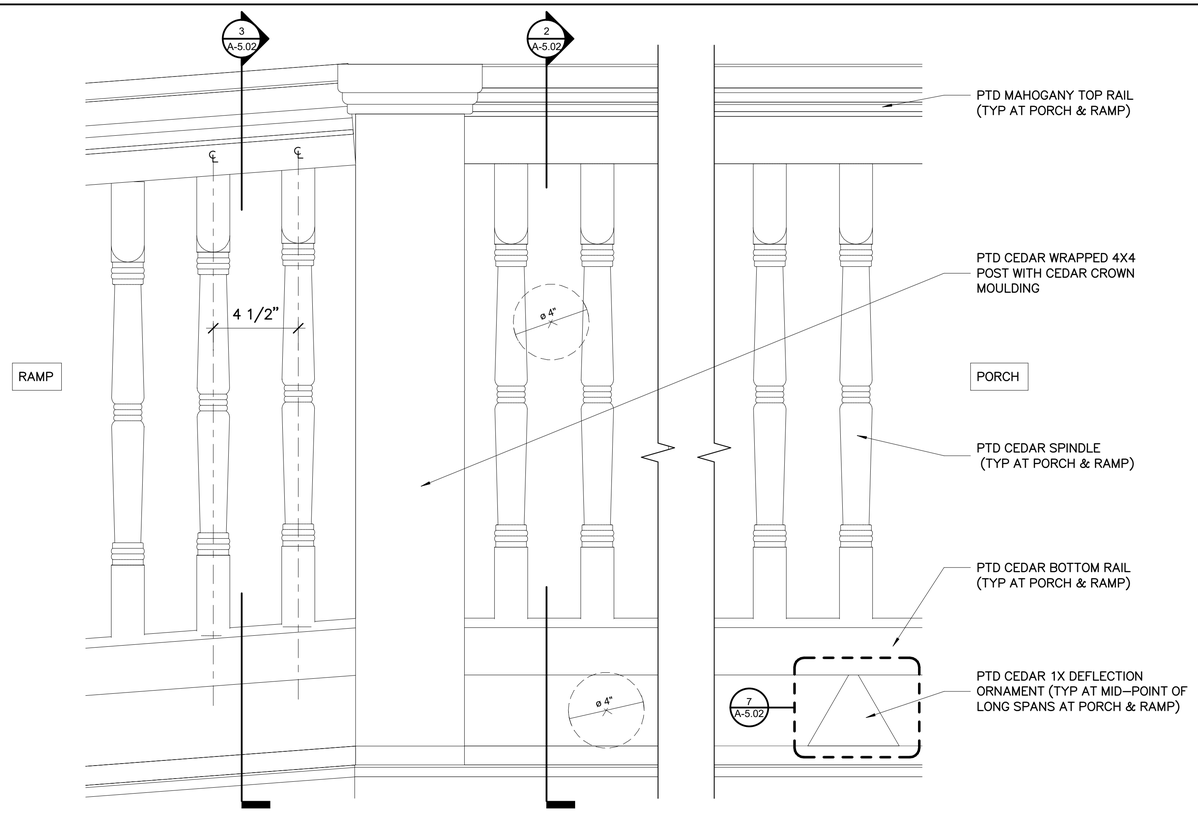
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SCALE OF INCHES

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| TECH. REVIEW: MJM, MS | |
| DATE: 1/10/2025 | |

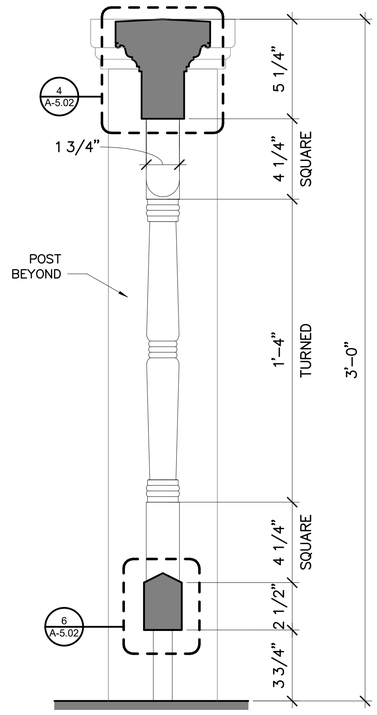
TITLE OF SHEET
# FRONT PORCH PLAN, ELEVATIONS, & SECTIONS
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

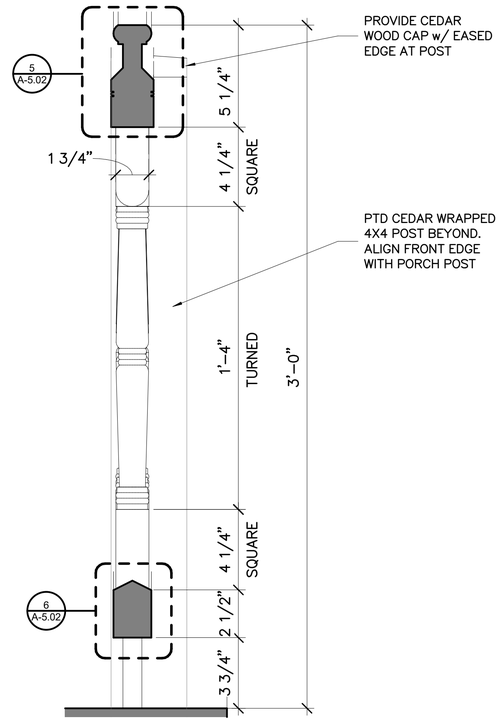
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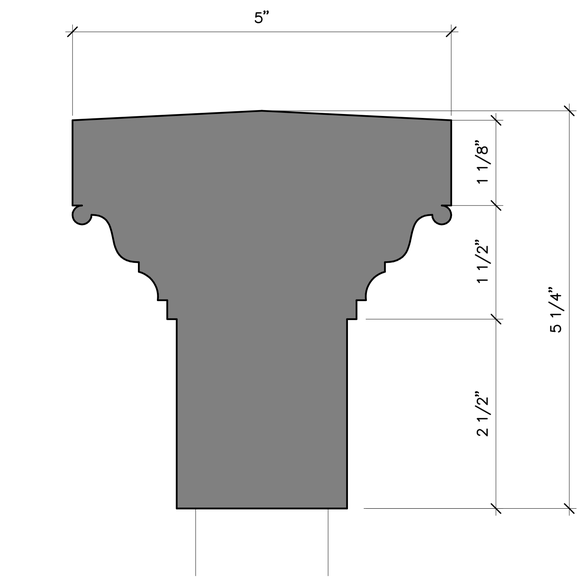

1 A-5.02 ENLARGED RAILING ELEVATION
SCALE (A)



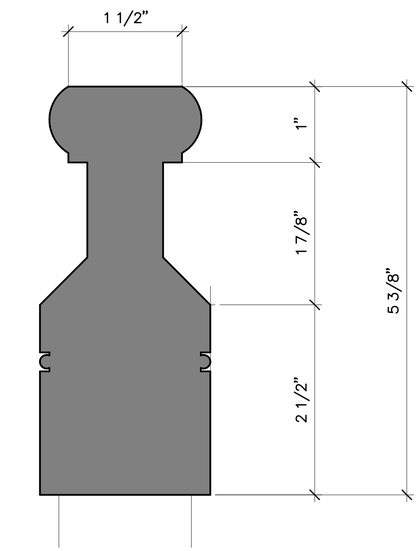

2 A-5.02 PORCH GUARDRAIL SECTION
SCALE (A)



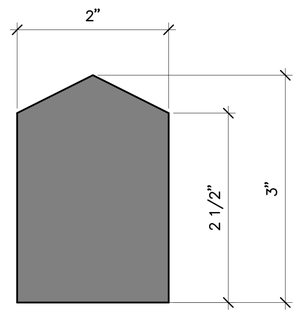

3 A-5.02 RAMP GUARDRAIL SECTION
SCALE (A)



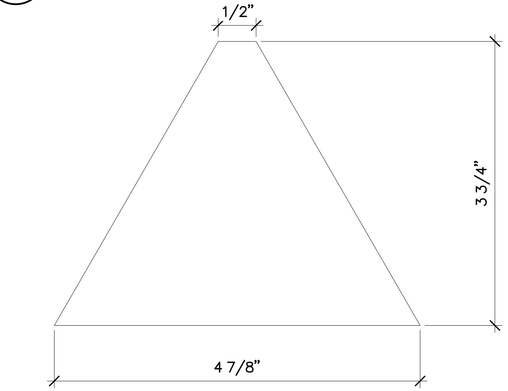

4 A-5.02 PORCH GUARDRAIL TOP
SCALE (B)




5 A-5.02 RAMP GUARDRAIL TOP
SCALE (B)




6 A-5.02 PORCH & RAMP GUARDRAIL BASE
SCALE (B)



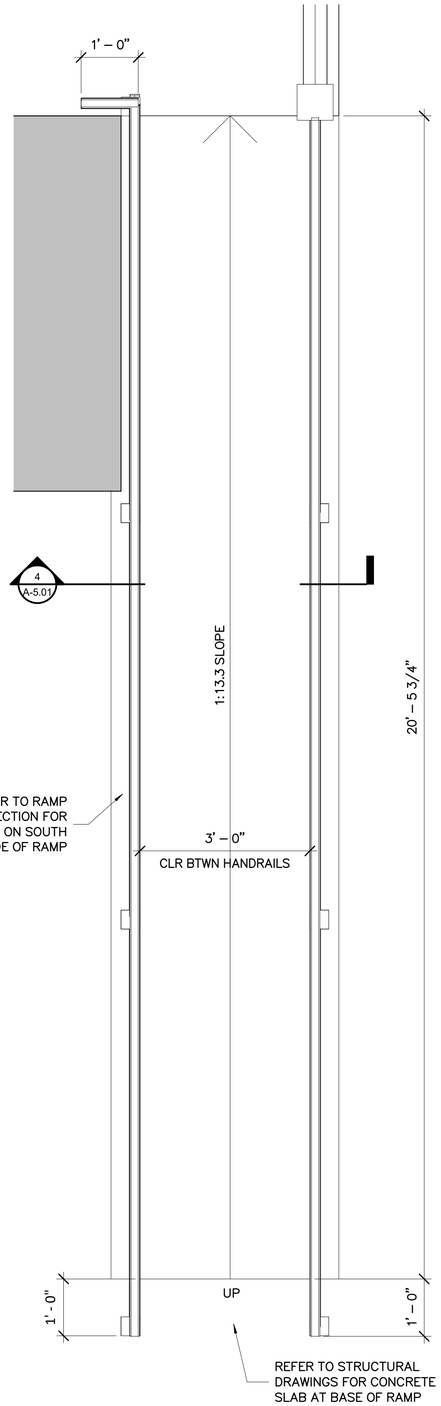

7 A-5.02 PORCH BOTTOM RAIL DEFLECTION ORNAMENT
SCALE (B)

SCALE (A) 6 3 0 6
SCALE OF INCHES

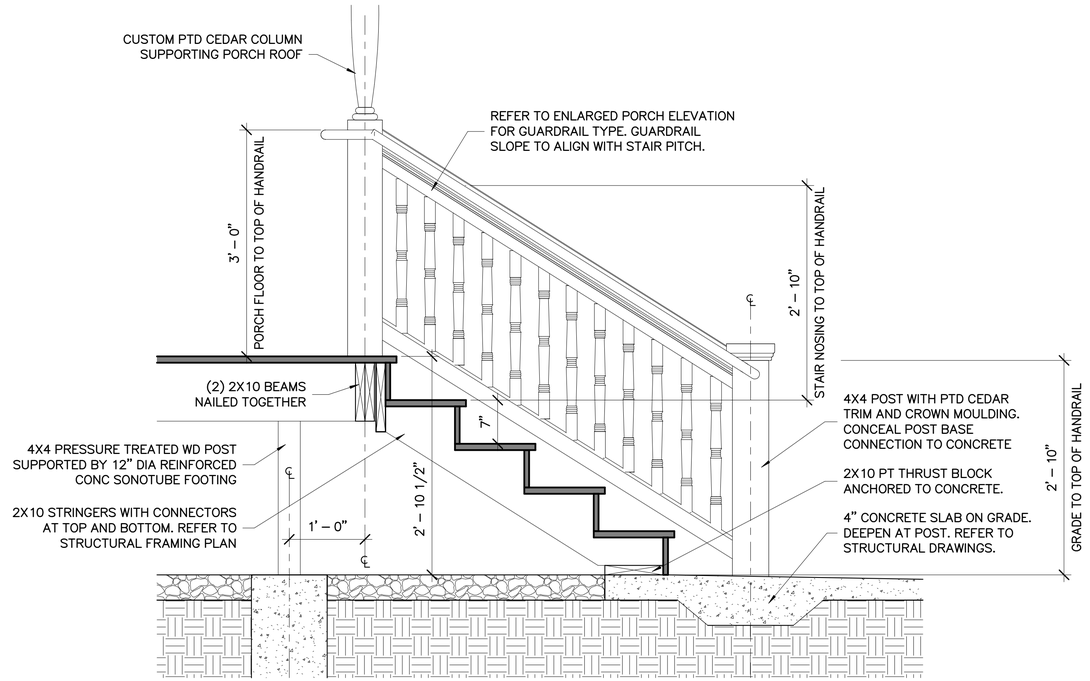
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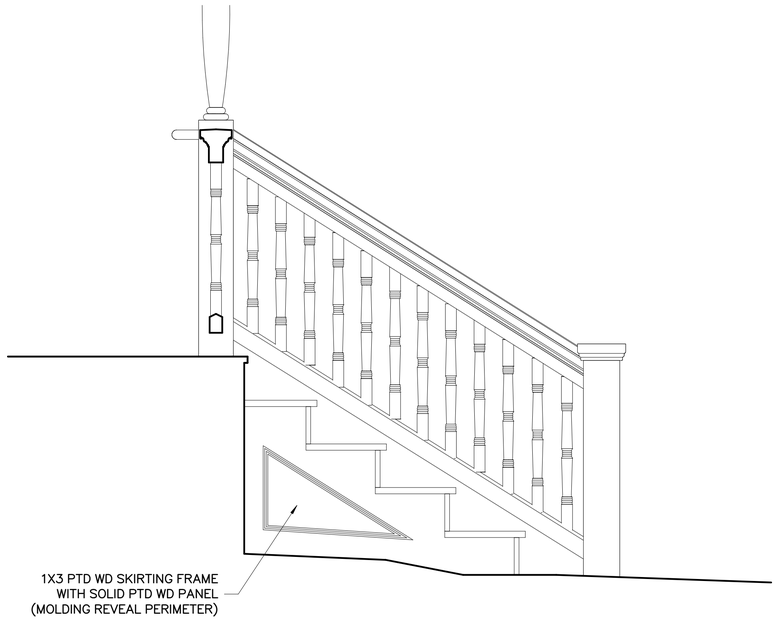
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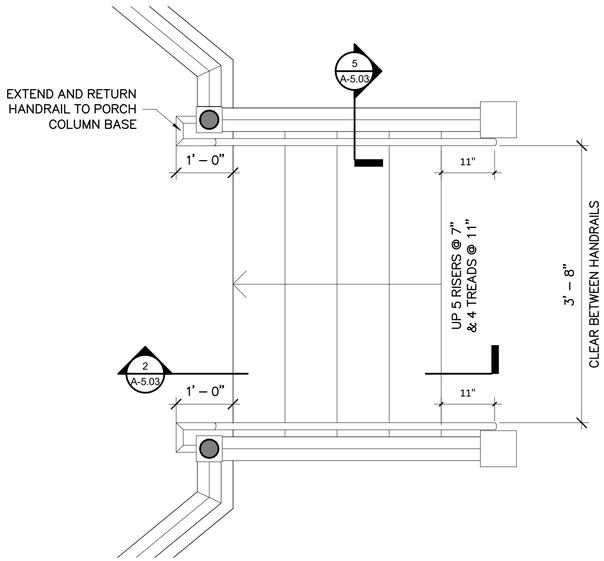

1 A–5.03 ENLARGED PLAN – PORCH RAMP
SCALE Ⓐ



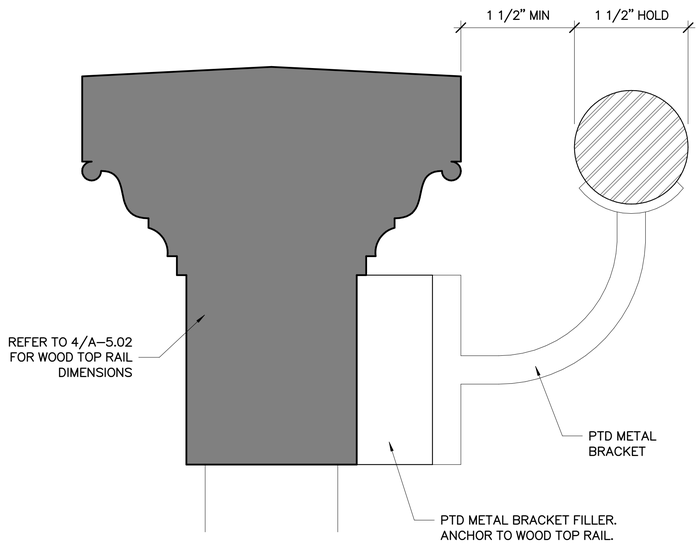

2 A–5.03 SECTION – PORCH STAIR
SCALE Ⓑ




4 A–5.03 ELEVATION – PORCH STAIR SIDE
SCALE Ⓑ




3 A–5.03 ENLARGED PLAN – PORCH STAIR
SCALE Ⓐ



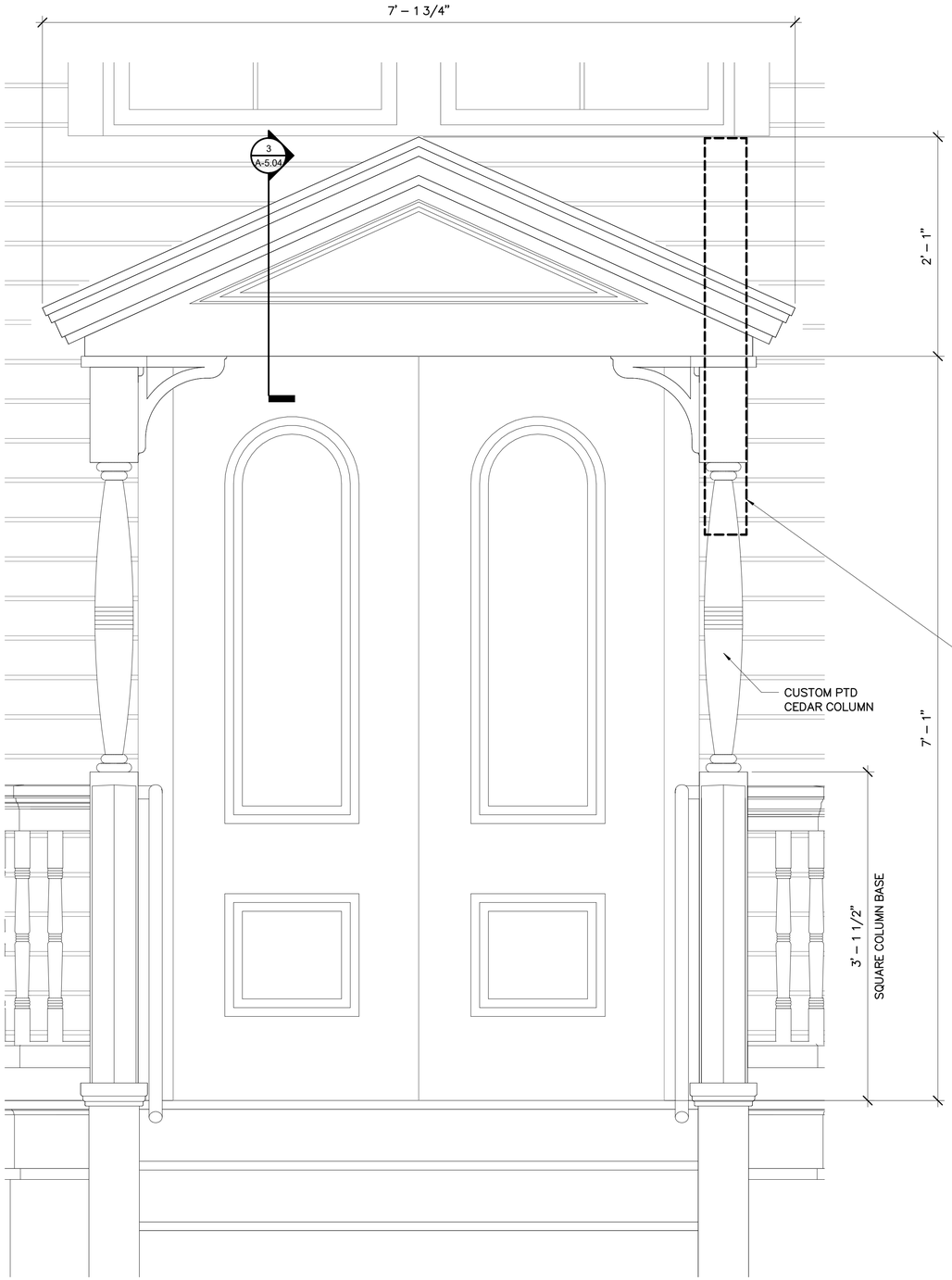

5 A–5.03 SECTION – STAIR GUARDRAIL TOP
SCALE Ⓑ

SCALE Ⓐ 1 0 1 2 3
SCALE OF FEET

SCALE Ⓑ 1 0 1 2
SCALE OF FEET

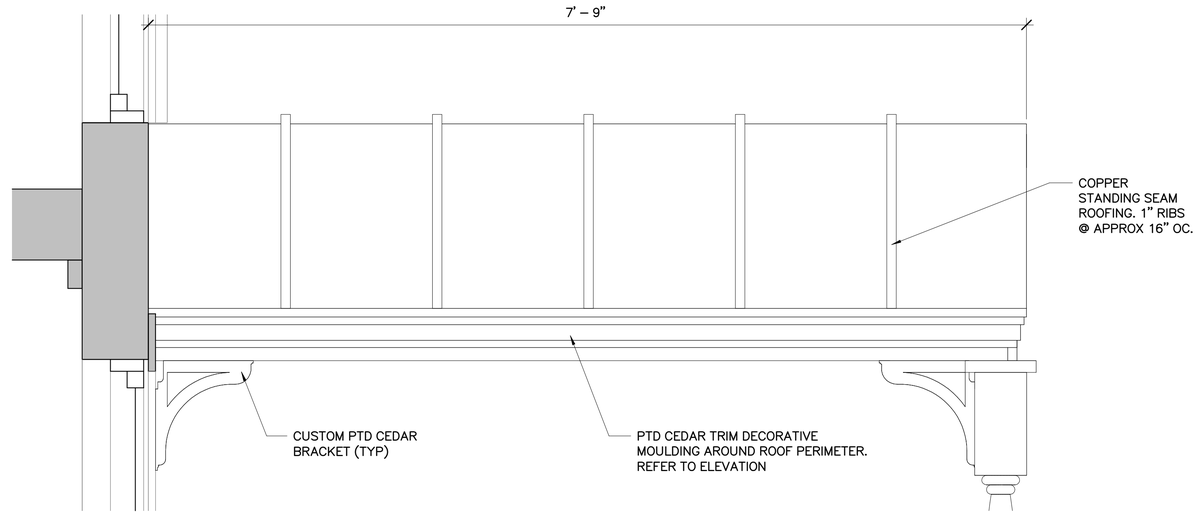
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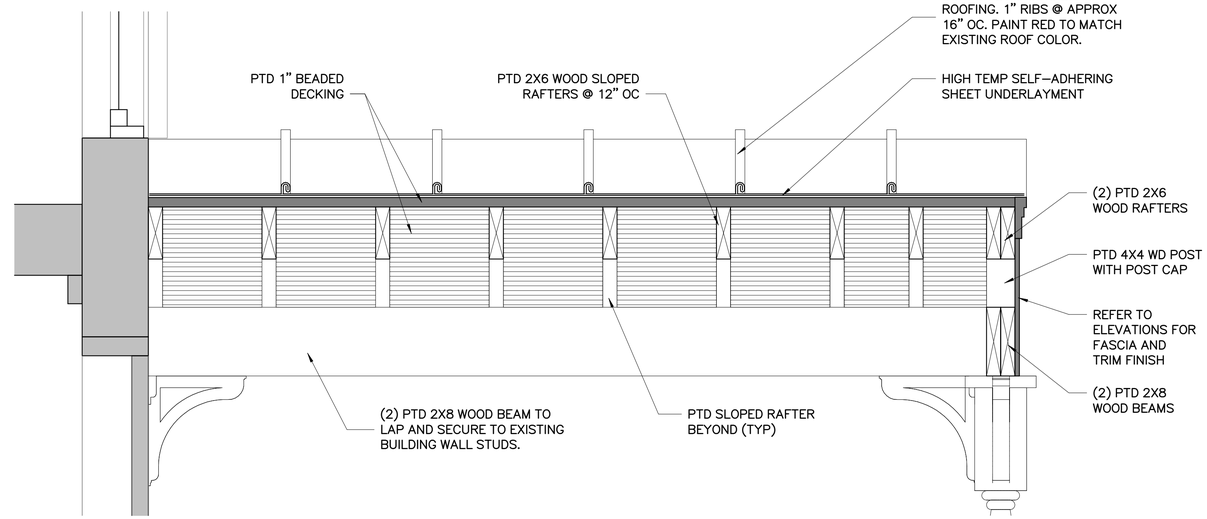



1 A–5.04 PORCH ROOF – FRONT ELEVATION
SCALE A

FOLLOWING REMOVAL OF EXISTING PORCH ROOF STRUCTURE, NOTIFY ARCHITECT TO EXAMINE CONDITION OF FORMER (HISTORIC) ATTACHMENT TO EXISTING STUDS. A/E TEAM WILL DETERMINE IF NEW ROOF FRAMING CAN BE SUPPORTED ON EXISTING STUDS AND ISSUE DETAIL. IF FRAMING CAN BE SUPPORTED, THEN REMOVAL OF SIDING (ADJACENT TO THE DOORS) IS NOT REQUIRED. ASSUME REMOVAL OF VERTICAL TRIM AND SOME SIDING IS REQUIRED.




2 A–5.04 PORCH ROOF – SIDE ELEVATION
SCALE A

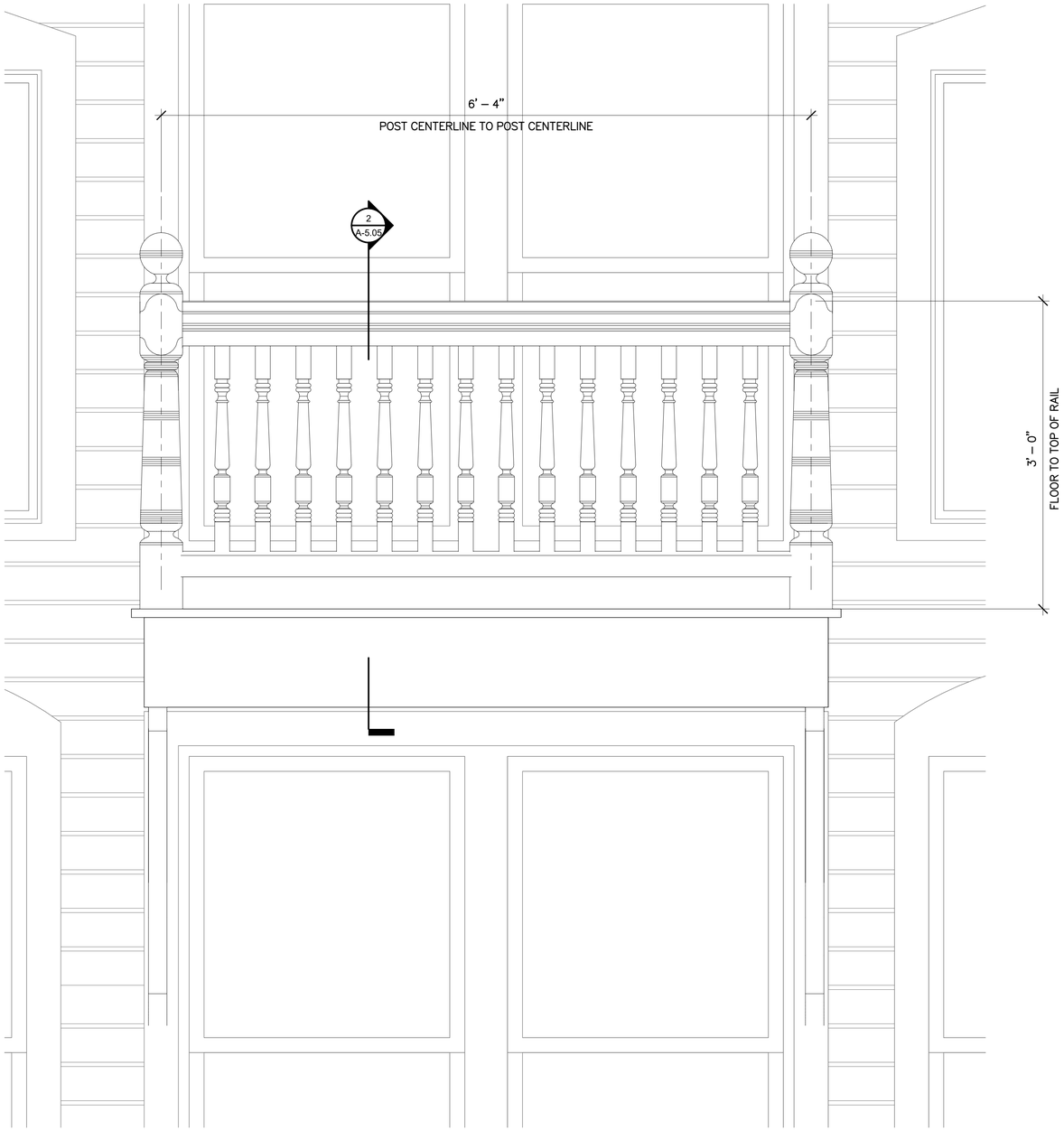



3 A–5.04 PORCH ROOF – SECTION
SCALE A

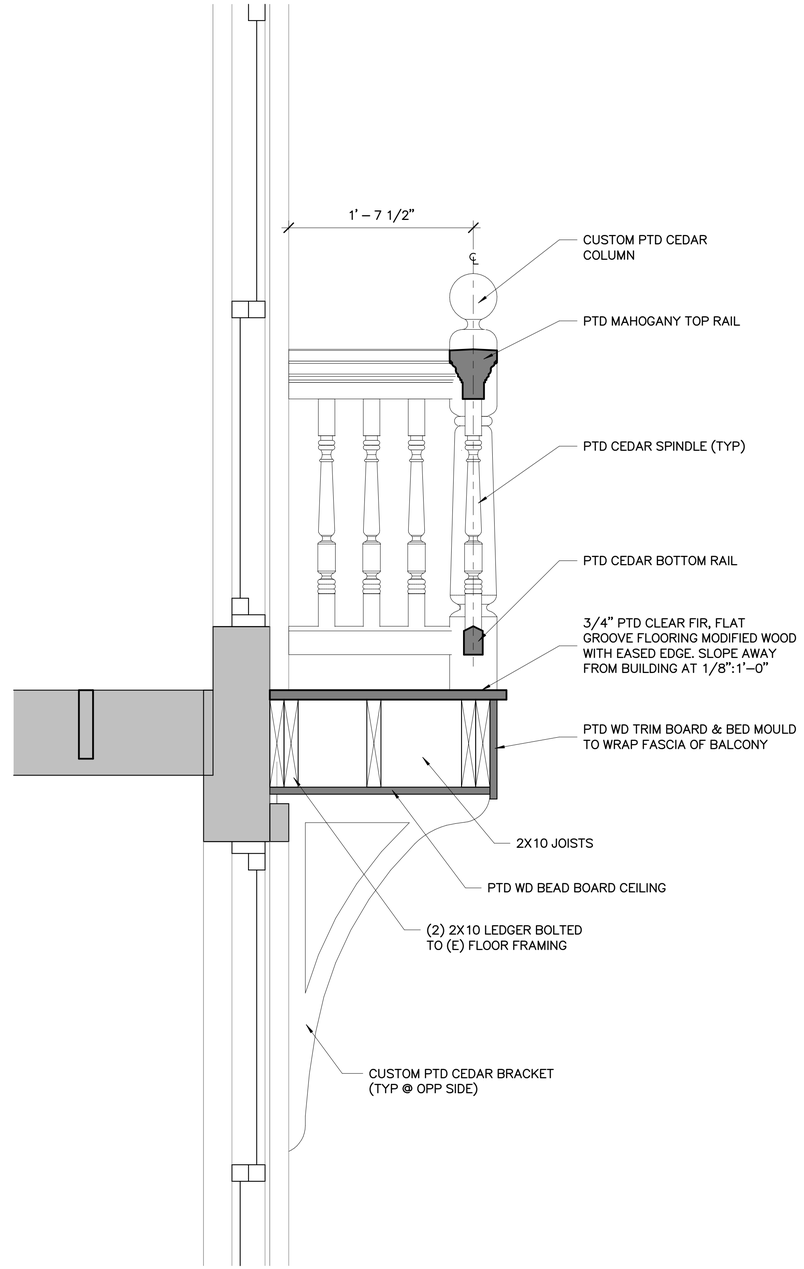
SCALE A
12 6 0 12
SCALE OF INCHES

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| DATE: 1/10/2025 | | | SHEET ___ OF X |

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1 A–5.05 UPPER BALCONY – FRONT ELEVATION
SCALE Ⓐ

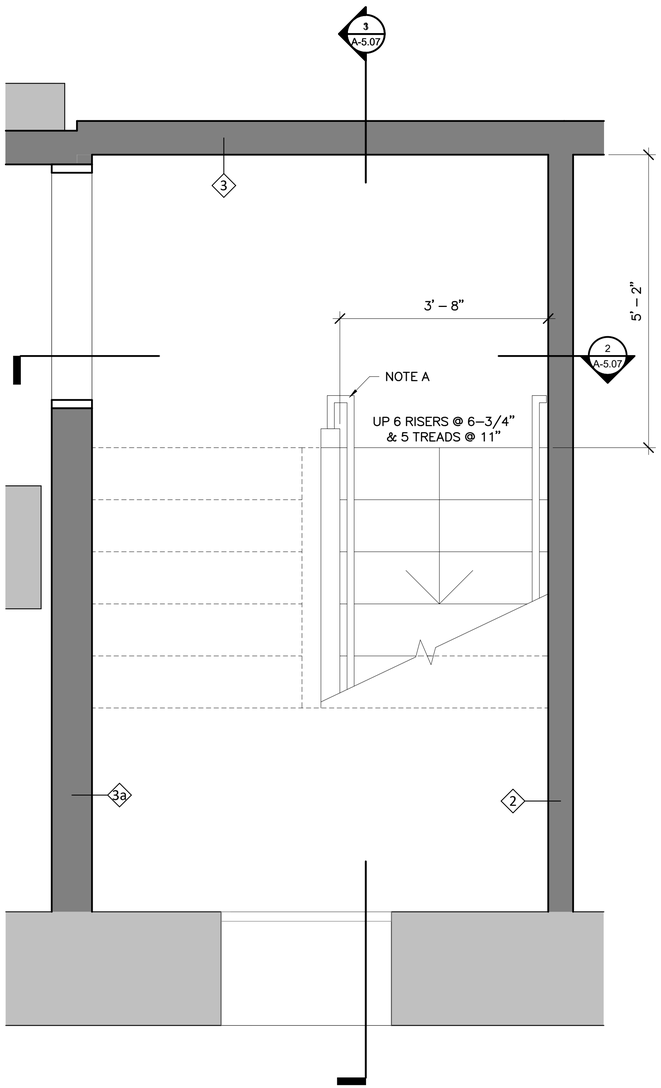



2 A–5.05 UPPER BALCONY – SIDE ELEVATION
SCALE Ⓐ

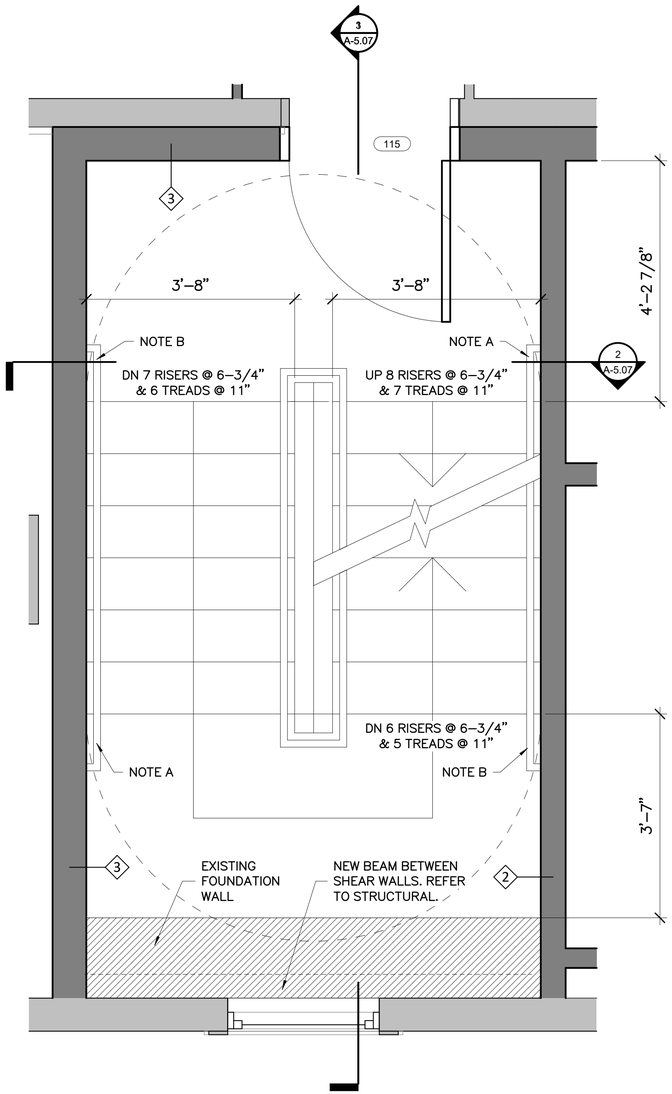
SCALE Ⓐ
12 6 0 12
SCALE OF INCHES

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| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
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| DATE: 1/10/2025 | | | |

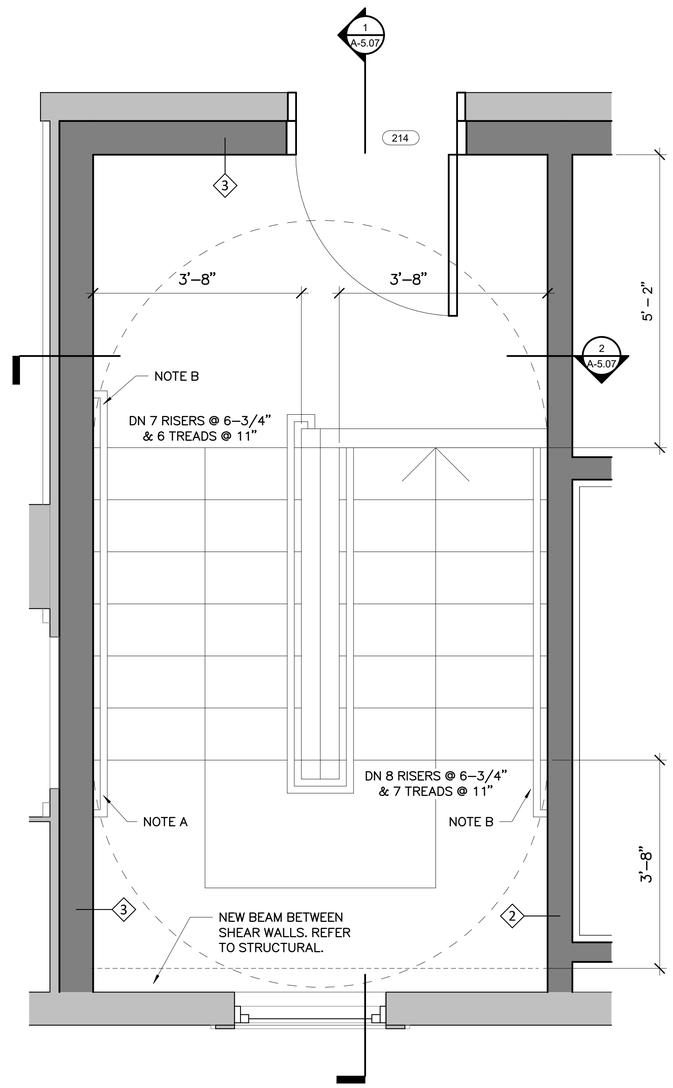
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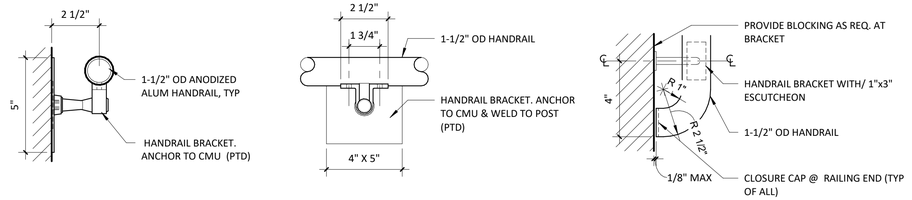

1 A–5.06 PLAN – EGRESS STAIR (FLR 0)
SCALE Ⓐ




2 A–5.06 PLAN – EGRESS STAIR (FLR 1)
SCALE Ⓐ




3 A–5.06 PLAN – EGRESS STAIR (FLR 2)
SCALE Ⓐ




4 A–5.06 STAIR HANDRAIL DETAILS
SCALE Ⓑ

## GENERAL STAIR NOTES

**NOTE A**: BOTTOM HANDRAIL EXTENSION AT STAIRS. HANDRAILS SHALL CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER.

**NOTE B**: TOP HANDRAIL EXTENSION AT STAIRS. HANDRAILS SHALL EXTEND HORIZONTALLY AT LEAST 12 INCHES BEYOND THE TOP RISER. RETURN TO WALL OR GUARDRAIL POST AS INDICATED.

**NOTE C**: HANDRAIL CLEARANCE. MAINTAIN 1-1/2" CLEAR BETWEEN HANDRAIL GRIPPING SURFACE AND ADJACENT SURFACE.

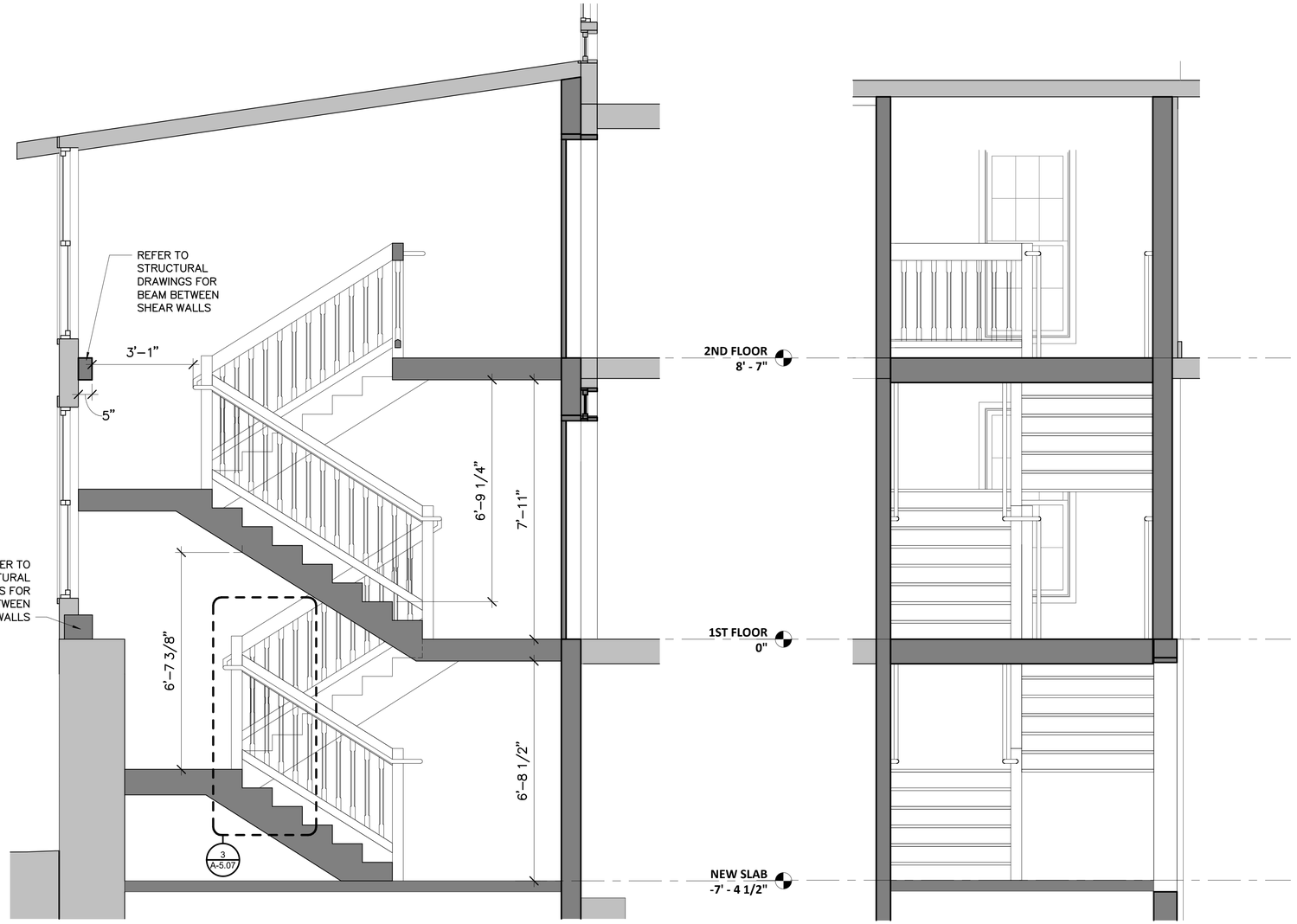
**NOTE D**: RISERS TO BE 7 INCHES MAX, TREADS TO BE 11" MAX

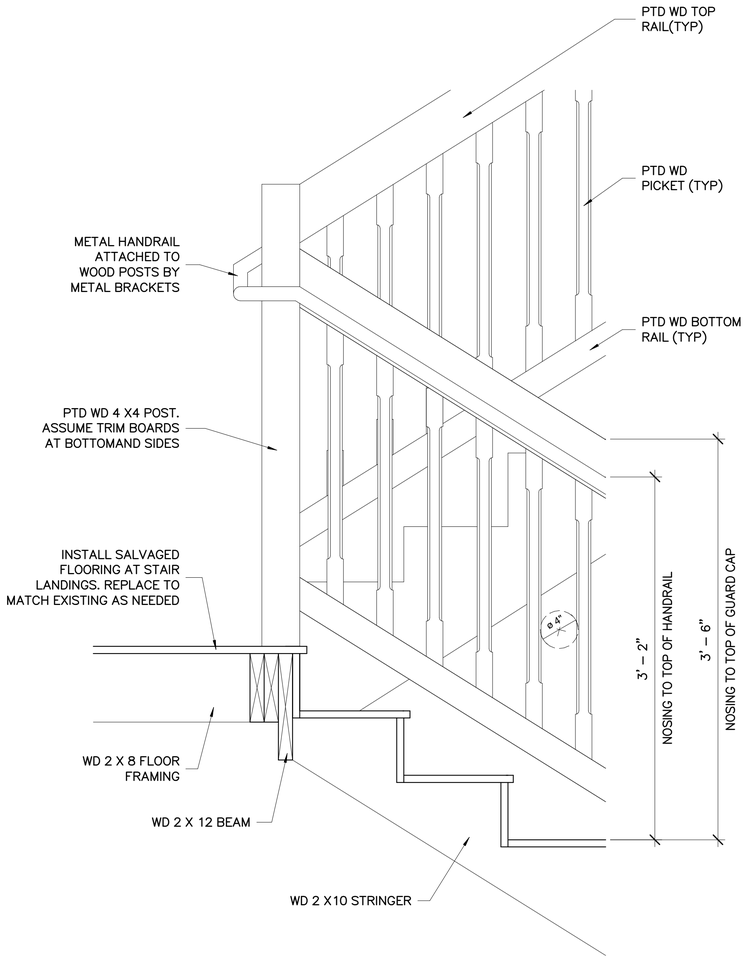
SCALE Ⓐ 1 0 1 2 3
SCALE OF FEET

SCALE Ⓑ 6 3 0 6
SCALE OF INCHES

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1 A–5.07 SECTION – EGRESS STAIR (LONGITUDINAL)
SCALE Ⓐ

2 A–5.07 SECTION – EGRESS STAIR (CROSS)
SCALE Ⓐ

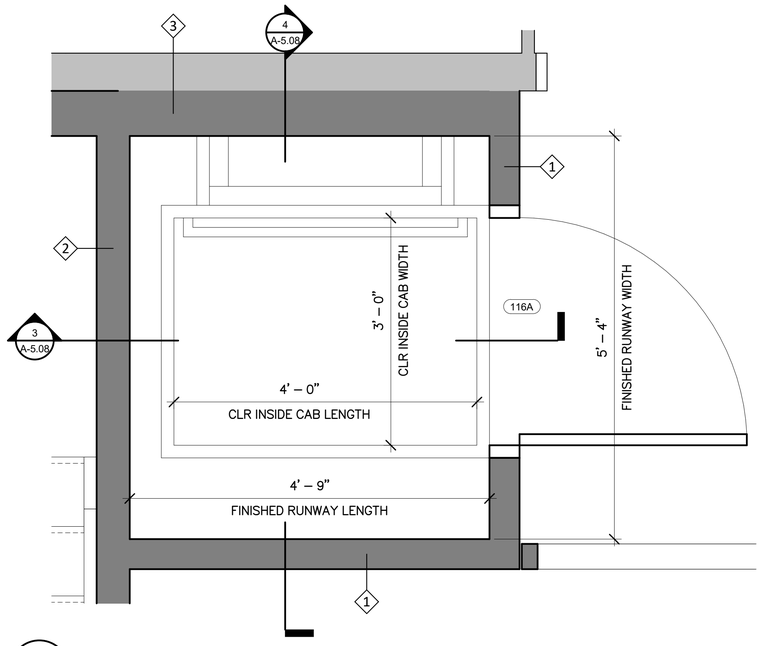
3 A–5.07 SECTION – DETAIL AT EGRESS STAIR LANDING
SCALE Ⓑ

SCALE Ⓐ 2 0 2 4
SCALE OF FEET

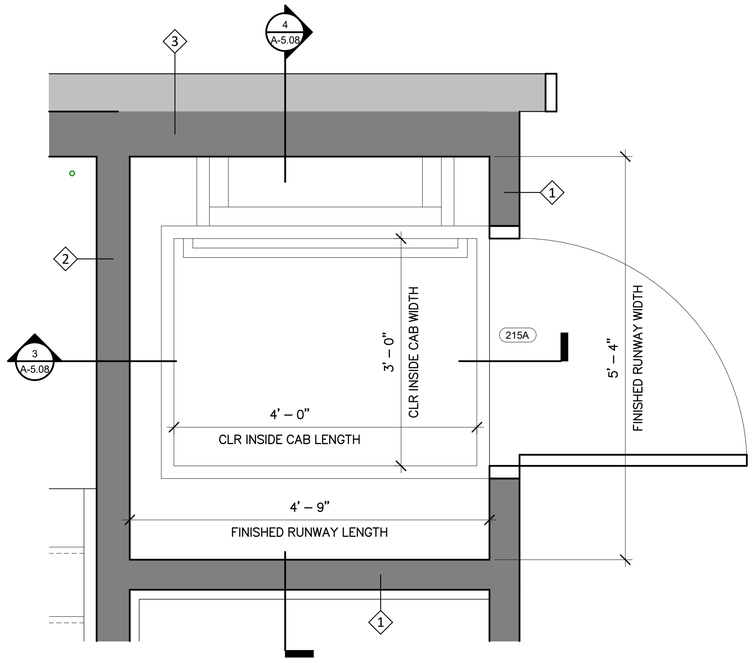
SCALE Ⓑ 12 6 0 12
SCALE OF INCHES

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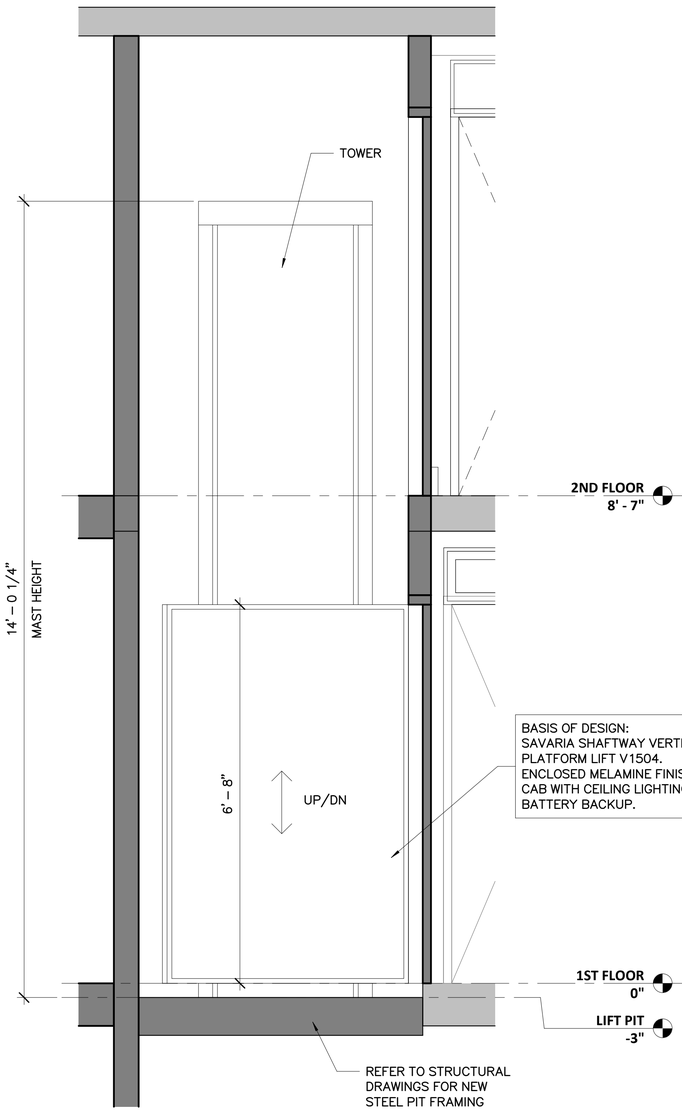
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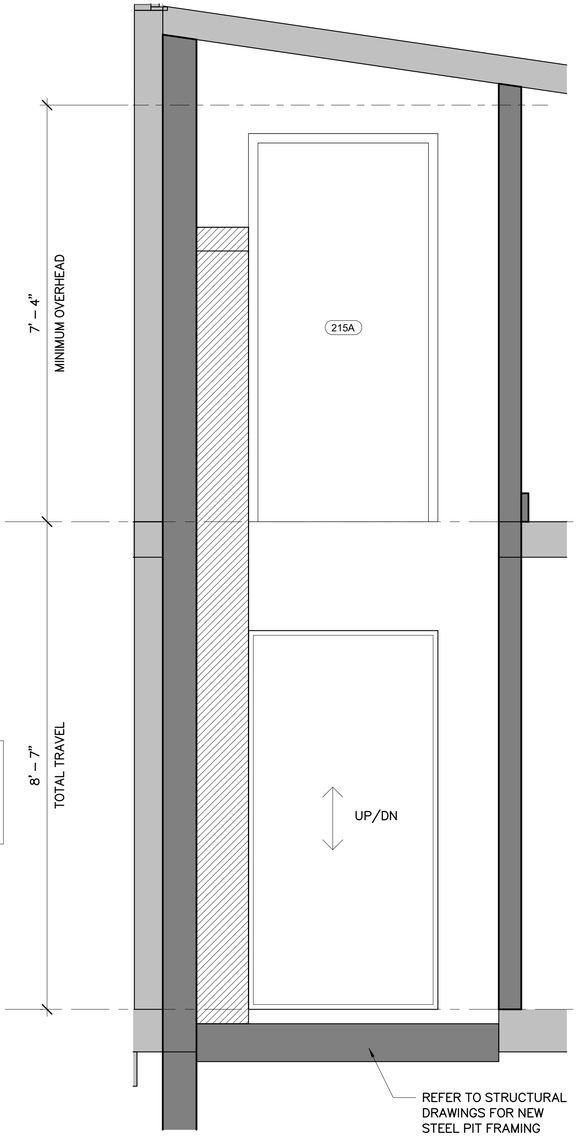

1 A–5.08 ENLARGED PLAN – LIFT FIRST FLOOR
SCALE Ⓐ




2 A–5.08 ENLARGED PLAN – LIFT SECOND FLOOR
SCALE Ⓐ




3 A–5.08 SECTION A – LIFT
SCALE Ⓑ



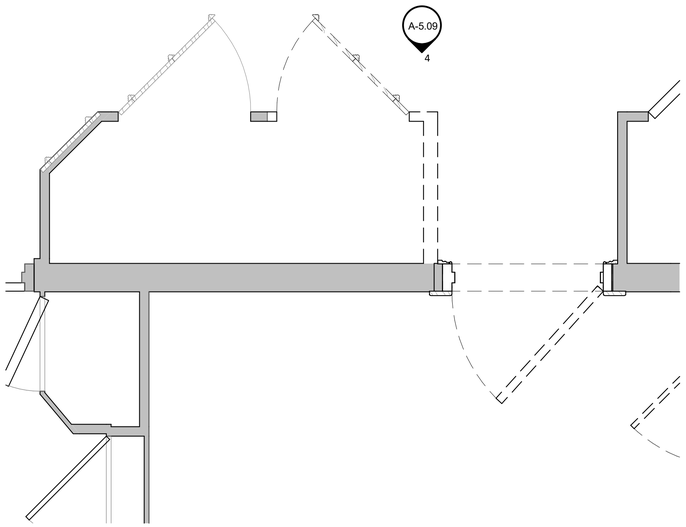

4 A–5.08 SECTION B – LIFT
SCALE Ⓑ

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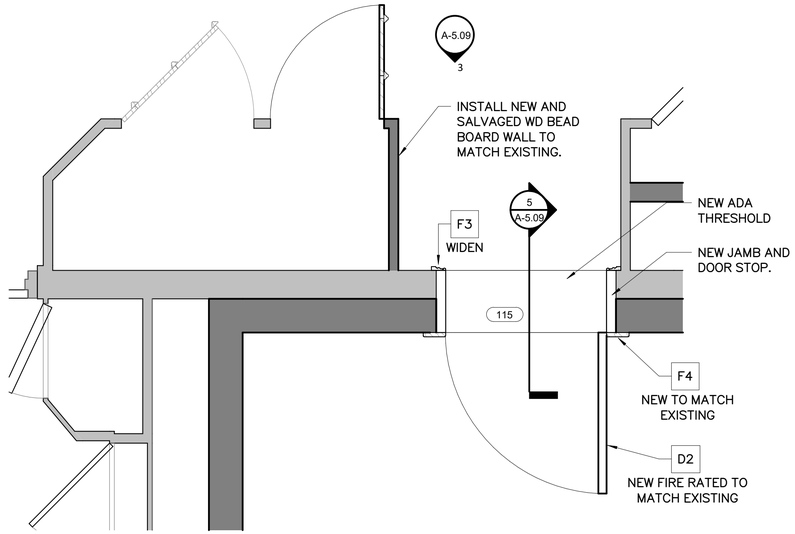
SCALE Ⓑ 1 0 1 2 3
SCALE OF FEET

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## 2 / A–5.09 DEMOLITION OF MILLWORK AT FIRST FLOOR EGRESS STAIR
SCALE Ⓐ

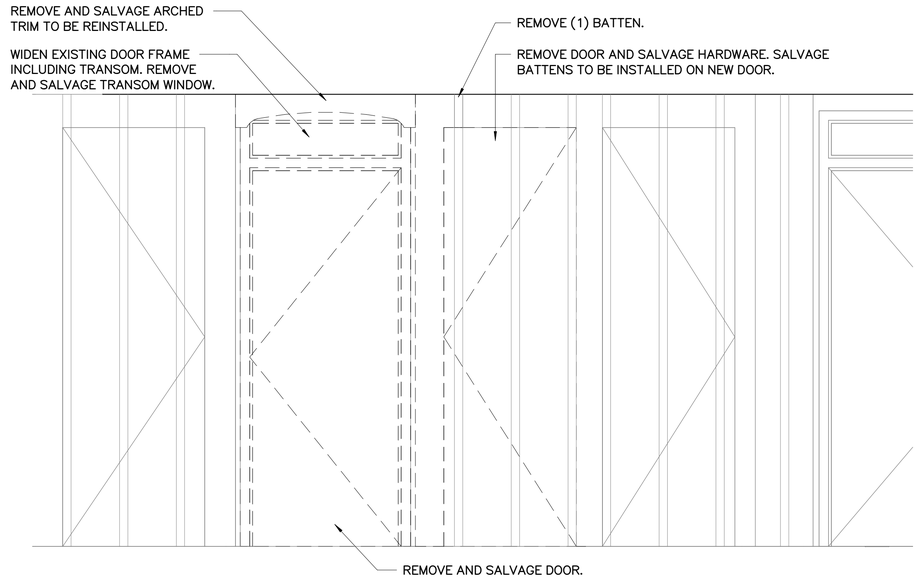



## 1 / A–5.09 MILLWORK ALTERATIONS AT FIRST FLOOR EGRESS STAIR
SCALE Ⓐ

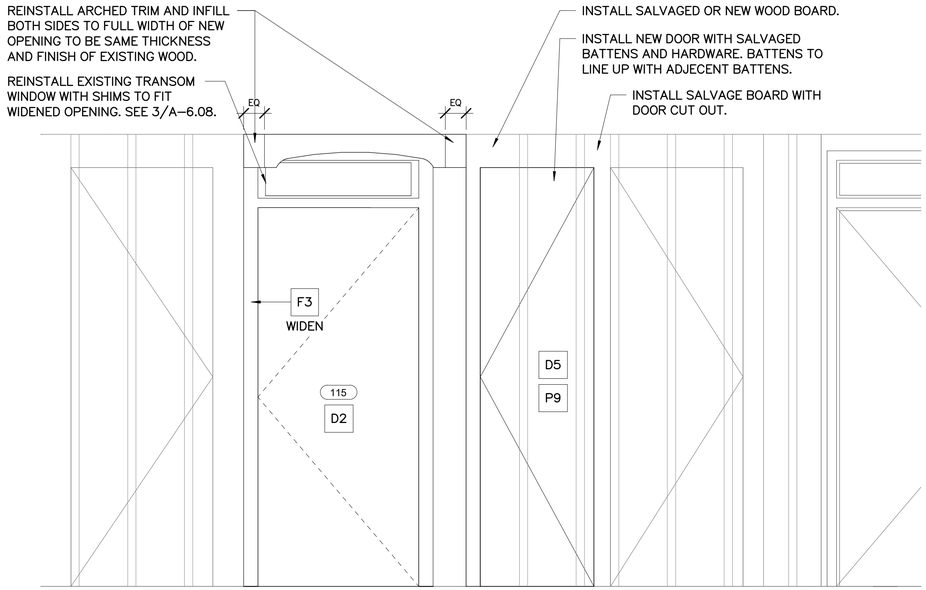
NOTE:

SEE SHEET A–6.05 FOR TRIM PROFILES

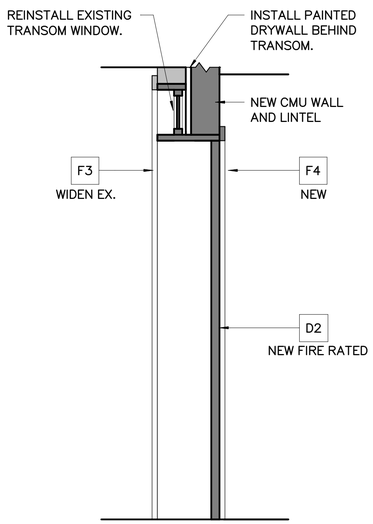
SEE 3/A–6.08 FOR TRIM MODIFICATIONS AT MODIFIED OPNEING.




## 4 / A–5.09 HALL ELEVATION AT 1ST FLOOR EGRESS STAIR – DEMOLITION
SCALE Ⓐ




## 3 / A–5.09 HALL ELEVATION AT 1ST FLOOR EGRESS STAIR – NEW WORK
SCALE Ⓐ



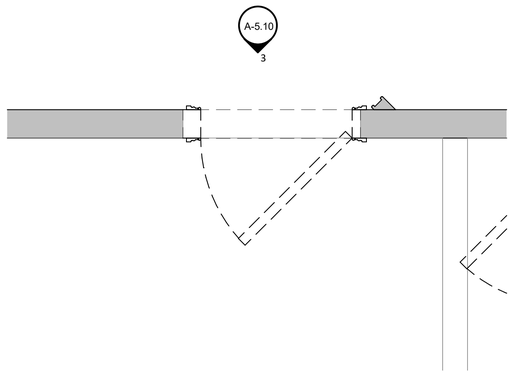

## 5 / A–5.09 SECTION THRU EGRESS DOOR
SCALE Ⓐ

SCALE Ⓐ 1 0 1 2 3
SCALE OF FEET

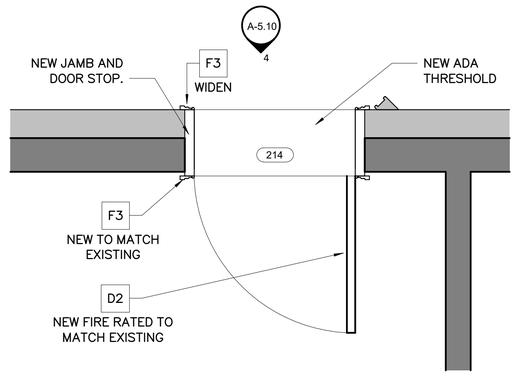
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| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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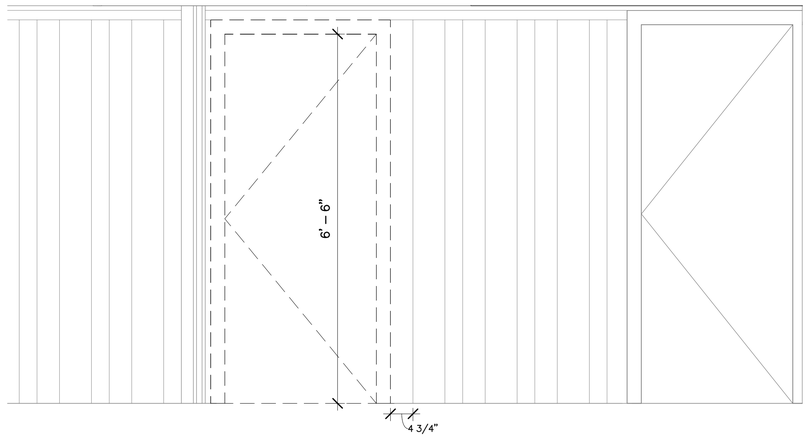
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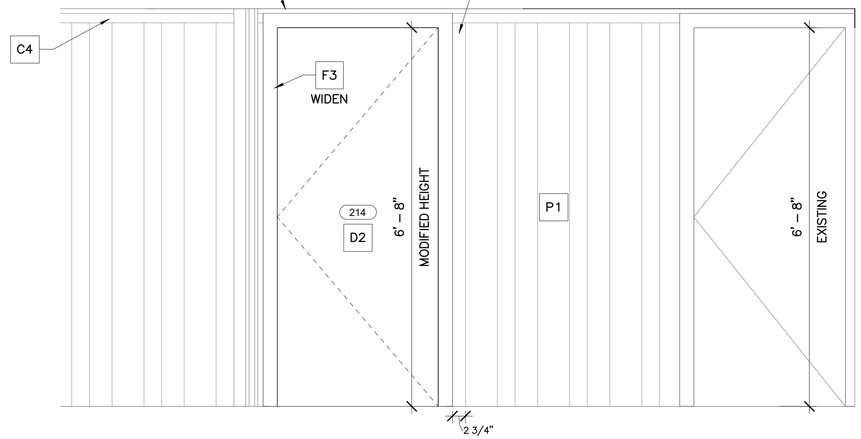

1 A–5.10 DEMOLITION OF MILLWORK AT SECOND FLOOR EGRESS STAIR
SCALE Ⓐ




2 A–5.10 MILLWORK ALTERATIONS AT SECOND FLOOR EGRESS STAIR
SCALE Ⓐ




3 A–5.10 HALL ELEVATION AT 2ND FLOOR EGRESS STAIR – DEMOLITION
SCALE Ⓐ




4 A–5.10 HALL ELEVATION AT 2ND FLOOR EGRESS STAIR – NEW WORK
SCALE Ⓐ

NOTE:

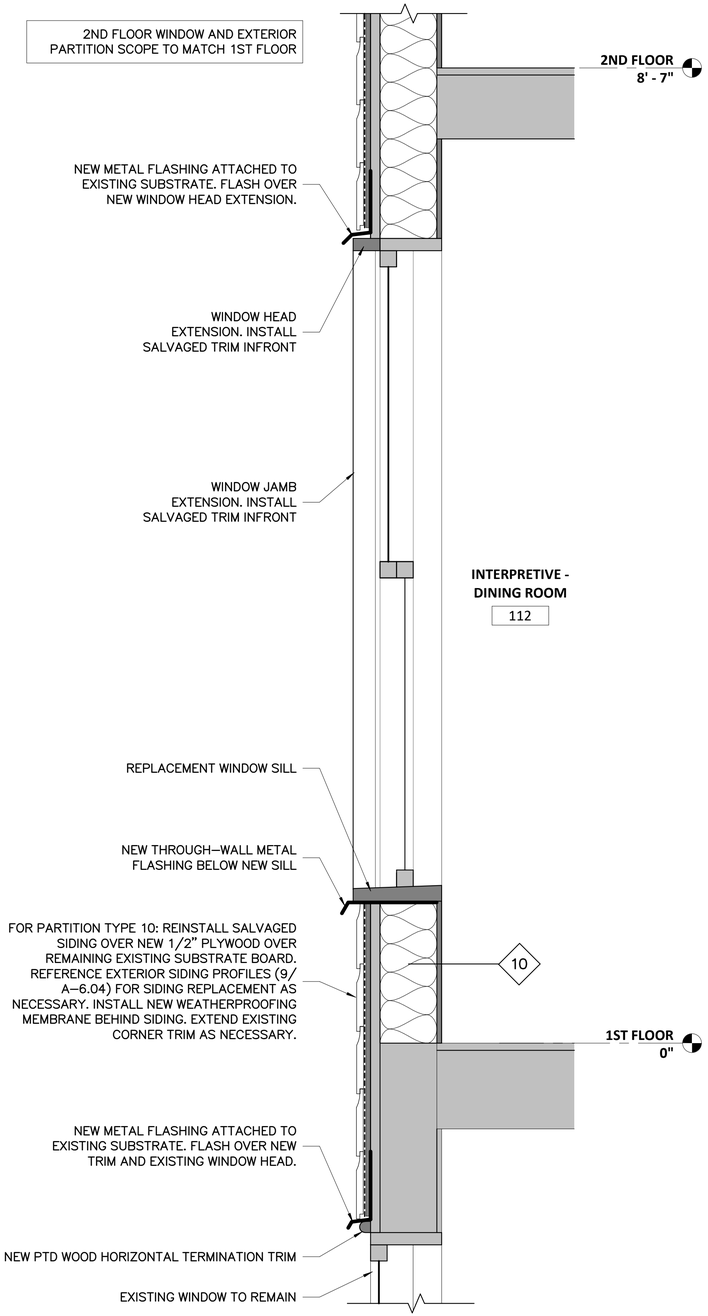
SEE SHEET A–6.05 FOR TRIM PROFILES

SEE 3/A–6.08 FOR TRIM MODIFICATIONS AT MODIFIED OPNEING.

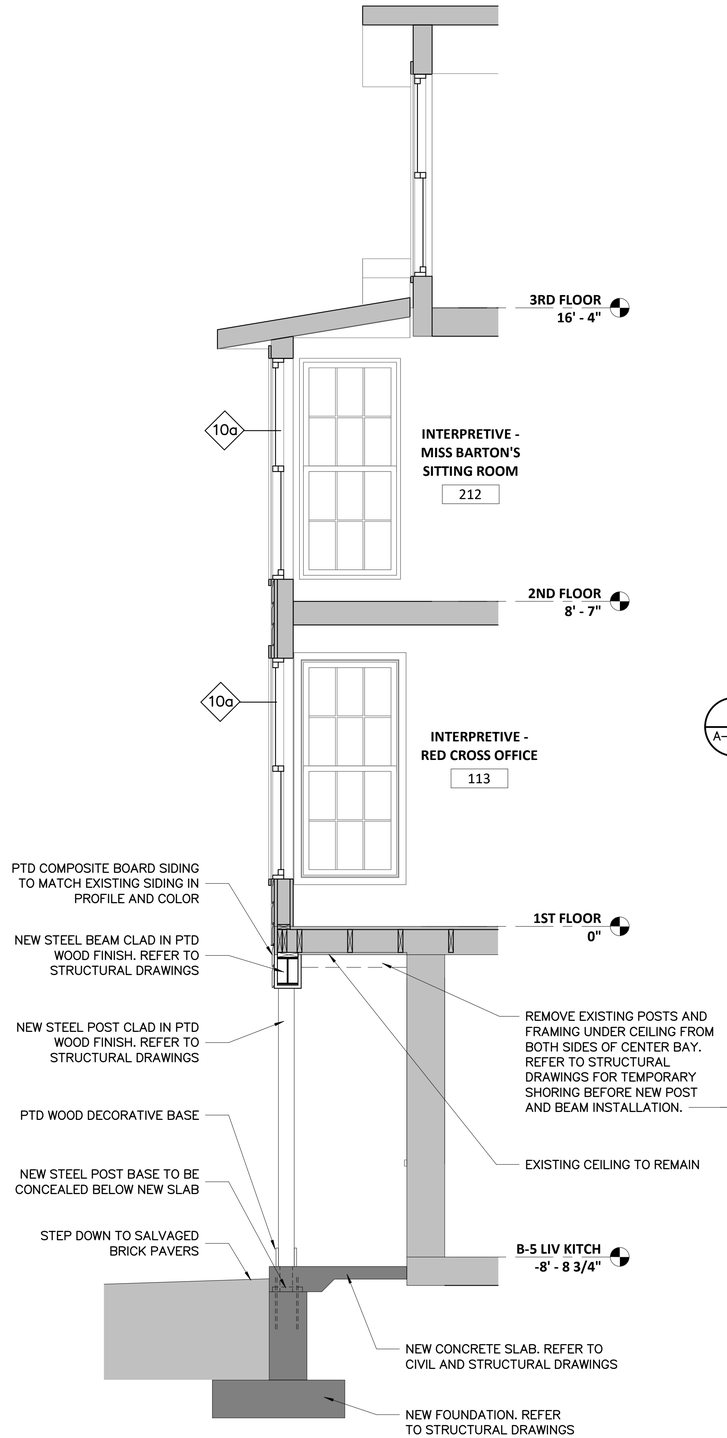
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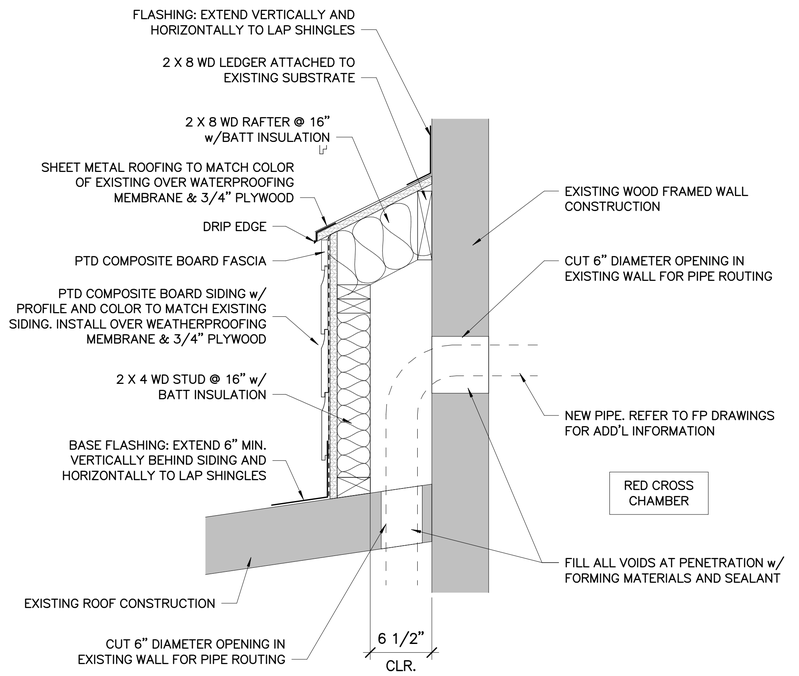
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1 / A–5.11 SECTION – SOUTH WALL (TYP SIDE BAY)
SCALE Ⓐ




2 / A–5.11 SECTION – SOUTH WALL (CENTER BAY)
SCALE Ⓑ




3 / A–5.11 SECTION – NEW PIPE ENCLOSURE ABOVE EXISTING ROOF
SCALE Ⓐ



PHOTO – EXISTING POST AND FRAMING UNDERNEATH SOUTH CENTER BAY

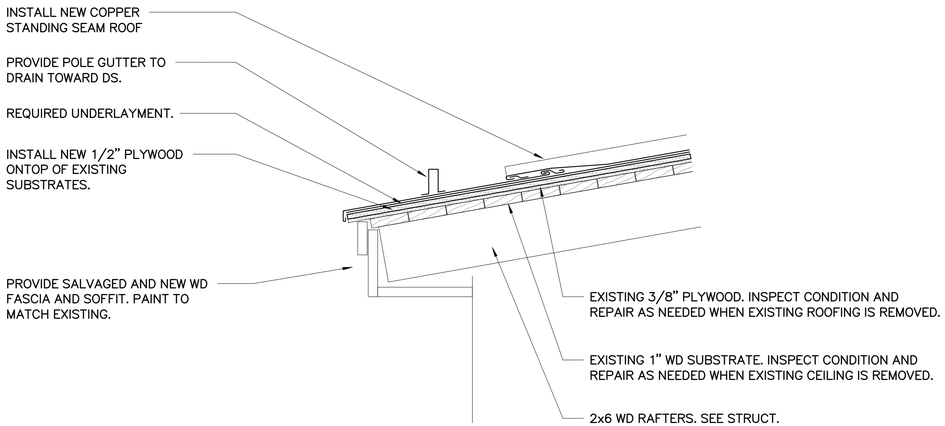
SCALE Ⓐ 12 6 0 12 — SCALE OF INCHES

SCALE Ⓑ 2 0 2 4 — SCALE OF FEET

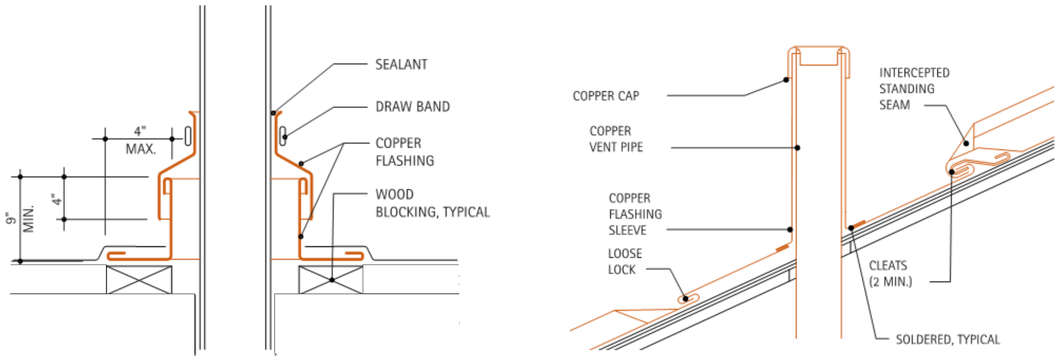
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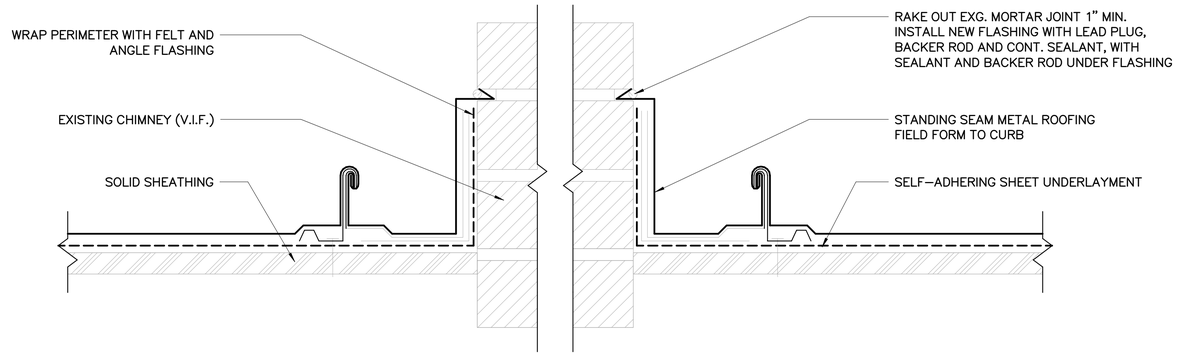
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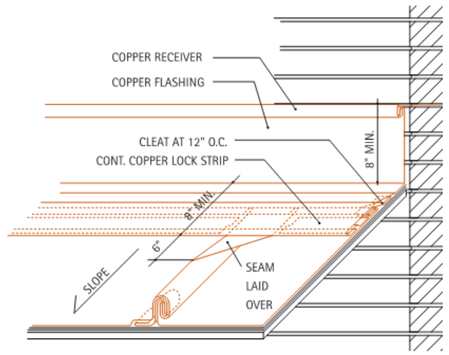

## 1 ROOF EAVE DETAIL
SCALE: 1 1/2" = 1'-0"




## 3 ROOF DETAIL - PIPE PENETRATION FLASHING
SCALE: 1 1/2" = 1'-0"




## 2 ROOF DETAILS - SQUARE PENETRATION (CHIMNEY)
SCALE: 1 1/2" = 1'-0"




## 4 ROOF DETAIL - WALL FLASHING
SCALE: 1 1/2" = 1'-0"

| | | | |
|---|---|---|---|
| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-5.12 | TITLE OF SHEET<br>ROOF DETAILS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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## DOOR SCHEDULE – NEW AND EXISTING

| DOOR NUMBER | DOOR LOCATION | PHASE | DOOR TYPE | TRIM TYPE | TRANSOM TYPE | PAIR | FIRE RATING | NOTES | NEW HARDWARE (REFER TO LEGEND) | EXISTING HARDWARE |
|---|---|---|---|---|---|---|---|---|---|---|
| 101A | INTERPRETIVE–ORIENTATION (EXTERIOR) | SALVAGED | D3 | F1 | | PAIR | | INSTALL SALVAGED DOOR (D–101A) WITH REVERSED SWING | | |
| 102 | MAIN HALL (VESTIBULE) | EXISTING | D1 | F2B, F3 | H3 | PAIR | | FIX EXISTING DOOR LEAVES IN FULLY OPEN POSITION WITH SMALL HOOK | | |
| 103A | BOOKSTORE (VESTIBULE) | EXISTING | D1 | F2B, F4 | H2 | | | SHUT EXISTING DOOR (NON–ACCESSIBLE) | | REPLACE MISSING KNOBS WITH SALVAGED HISTORIC HARDWARE FROM REMOVED DOORS. REFER TO DEMOLITION DOOR SCHEDULE. |
| 103B | BOOKSTORE | EXISTING | D2 | F3 | | | | | | |
| 104 | INTERPRETIVE–VAULT | EXISTING | D4 | | | PAIR | | | | |
| 105 | STORAGE | NEW | D5 | F3 | | | | NEW 26" WOOD DOOR AND FRAME | H1, L3, S1, T1 | |
| 105A | TOILET ROOM | EXISTING | D2 | | | | | | | |
| 108A | CLASSROOM (OPENING) | MODIFICATION | OPEN | F3, F4 | H1 | | | WIDEN EXISTING OPENING. REFER TO ACCESSIBILITY PLAN & DETAILS | | |
| 108B | CLASSROOM (CLOSET) | EXISTING | D2 | F3 | H1 | | | | | REPLACE MISSING KNOBS WITH SALVAGED HISTORIC HARDWARE FROM REMOVED DOORS. REFER TO DEMOLITION DOOR SCHEDULE. |
| 108C | CLASSROOM | SALVAGED | D11 | F3 | | | | INSTALL SALVAGED DOOR AND FRAME (D–108C) | | |
| 109A | TBD | EXISTING | D6 | F4 | | | | | | |
| 109B | TBD (CLOSET) | EXISTING | | | | | | | | |
| 111A | INTERPRETIVE–HISTORIC KITCHEN | EXISTING | D2 | F3 | H1 | | | | | |
| 111B | INTERPRETIVE–HISTORIC KITCHEN | EXISTING | D2 | F4 | | | | | | REPLACE MISSING KNOBS WITH SALVAGED HISTORIC HARDWARE FROM REMOVED DOORS. REFER TO DEMOLITION DOOR SCHEDULE. |
| 111C | INTERPRETIVE–HISTORIC KITCHEN (STAIR) | EXISTING | D5 | | H1 | | | | | |
| 111D | INTERPRETIVE–HISTORIC KITCHEN (STAIR) | EXISTING | D5 | | H1 | | | | | |
| 112A | INTERPRETIVE–DINING ROOM (CLOSET) | EXISTING | | | | | | | | |
| 112B | INTERPRETIVE–DINING ROOM (CLOSET) | EXISTING | | | | | | | | |
| 112C | INTERPRETIVE–DINING ROOM (CLOSET) | EXISTING | | | | | | | | |
| 112D | INTERPRETIVE–DINING ROOM (CLOSET) | EXISTING | | | | | | | | |
| 112E | INTERPRETIVE–DINING ROOM (CLOSET) | EXISTING | | | | | | | | |
| 112F | INTERPRETIVE–DINING ROOM (CLOSET) | EXISTING | | | | | | | | |
| 113 | INTERPRETIVE–RED CROSS OFFICE | SALVAGED | D1 | F2B | H3 | PAIR | | INSTALL SALVAGED EXISTING DOOR (CURRENTLY IN STORAGE) | | |
| 113A | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 113B | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 113C | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 113D | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 114A | INTERPRETIVE–RED CROSS OFFICE | SALVAGED | D2 | F1, F3 | H1 | | | INSTALL SALVAGED EXISTING DOOR (CURRENTLY IN STORAGE) | | |
| 114B | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 114C | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 114D | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 114E | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 114F | INTERPRETIVE–RED CROSS OFFICE (CLOSET) | EXISTING | | | | | | | | |
| 115 | STAIRWELL | NEW | D2 | F3, F4 | H1 | | 60 MIN | NEW 34" FOUR–PANEL DOOR AND FRAME TO MATCH EXISTING. NO VISION PANEL. BOD: MASONITE FIRE RATED DOOR. | H1, L4, C1, S3, T3, F/S | |
| 116A | VESTIBULE (LIFT) | NEW | LIFT | F4 | | | 60 MIN | RAL COLOR UPCHARGE TO MATCH FINISH P3. REFER TO FINISH SCHEDULE. | AUTO, REFER TO MANUFACTURER INSTRUCTIONS | |
| 116B | VESTIBULE (TOILET ROOM) | NEW | D2 | F4 | | | | NEW 36" WOOD DOOR AND FRAME | H1, L1, C1, P1, S3, T2, ACOUST | |
| 117 | BREAK ROOM (OPENING) | NEW | OPEN | F4 | | | | NEW 32" OPENING WITH WOOD FRAME | | |
| 118A | INTERPRETIVE–REAR PARLOR | EXISTING | D2 | F1, F4 | | | | SHUT EXISTING DOOR AND FIX IN PLACE | | |
| 118B | INTERPRETIVE–REAR PARLOR | EXISTING | D2 | F1, F4 | | | | SHUT EXISTING DOOR AND FIX IN PLACE | | |
| 119A | INTERPRETIVE–FRONT PARLOR (VESTIBULE) | EXISTING | D1 | F1, F2B | H2 | | | SHUT EXISTING DOOR (NON–ACCESSIBLE) | | |
| 119B | INTERPRETIVE–FRONT PARLOR | EXISTING | D2 | F1, F3 | H1 | | | | | |
| 201 | CLASSROOM | EXISTING | D11 | F3, F4 | | PAIR | | | | |
| 204 | INTERPRETIVE–VAULT | EXISTING | D4 | | | | | | | |
| 206A | DISTANCE LEARNING STUDIO | SALVAGED | D2 | F4 | H1 | | | INSTALL SALVAGED DOOR AND FRAME (D–206A) | | |
| 206B | DISTANCE LEARNING STUDIO (CLOSET) | EXISTING | D6 | F4 | | | | | | |
| 207A | INTERACTIVE CHILDRENS EXHIBIT (OPENING) | MODIFICATION | OPEN | F3, F4 | H1 | | | WIDEN EXISTING OPENING. REFER TO ACCESSIBILITY PLAN & DETAILS | | |
| 207B | INTERACTIVE CHILDRENS EXHIBIT | EXISTING | D7 | | | | | | | |
| 207C | INTERACTIVE CHILDRENS EXHIBIT (CLOSET) | EXISTING | D6 | | | | | | | |
| 207D | INTERACTIVE CHILDRENS EXHIBIT | EXISTING | | | | | | | | |
| 208A | TBD | EXISTING | D6 | F3 | | | | | | |
| 208B | TBD (CLOSET) | EXISTING | D6 | | | | | | | |
| 209 | INTERPRETIVE–HISTORIC BATHROOM | EXISTING | D2 | F3 | | | | | | |
| 210 | VESTIBULE | EXISTING | D2 | F3 | | | | | | |
| 211A | INTERPRETIVE–DR. HUBBELL'S BED CHAMBER | EXISTING | D2 | F3, F4 | | | | | | |
| 211B | INTERPRETIVE–DR. HUBBELL'S BED CHAMBER (CLOSET) | EXISTING | D5 | | | | | | | |
| 211C | INTERPRETIVE–DR. HUBBELL'S BED CHAMBER (CLOSET) | EXISTING | D5 | | | | | | | |
| 212A | INTERPRETIVE–MISS BARTON'S SITTING ROOM | EXISTING | D2 | F3, F8 | | PAIR | | | | |
| 212B | INTERPRETIVE–MISS BARTON'S SITTING ROOM (CLOSET) | EXISTING | D2 | F3 | | | | | | |
| 212C | INTERPRETIVE–MISS BARTON'S SITTING ROOM (CLOSET) | EXISTING | D2 | F3 | | | | | | |
| 212D | INTERPRETIVE–MISS BARTON'S SITTING ROOM (GROUP A, TRIPLE) | EXISTING | D2 | F3 | | | | | | |
| 212E | INTERPRETIVE–MISS BARTON'S SITTING ROOM (GROUP A, TRIPLE) | EXISTING | D2 | F3 | | | | | | |
| 212F | INTERPRETIVE–MISS BARTON'S SITTING ROOM (GROUP A, TRIPLE) | EXISTING | D2 | F3 | | | | | | |

## NEW HARDWARE KEY

**HINGES:**
H1 - BALL BEARING

**LOCKSETS:**
L1 - OFFICE
L2 - CLASSROOM
L3 - STOREROOM
L4 - PASSAGE

**EXIT DEVICES:**
ED1 - EXIT DEVICE

**CLOSERS:**
C1 - REGULAR ARM

**PLATE:**
P1 - MOP PLATE

**STOP:**
S1 - WALL STOP
S2 - FLOOR STOP
S3 - OVERHEAD STOP

**THRESHOLD:**
T1 - WOOD
T2 - MARBLE
T3 - METAL

**SEAL:**
ACOUST - ACOUSTICAL
F/S - FIRE SMOKE

**MISCELLANEOUS:**
AUTO - AUTOMATIC DOOR OPENER

## DOOR NOTES

1. SEE SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION
2. FOR DOUBLE DOORS, PROVIDE HARDWARE AS APPROPRIATE
3. COORDINATE HARDWARE FOR DESIRED FUNCTION

REFINISH ALL EXISTING DOORS. REFER TO FINISH SCHEDULE.
CLEAN ALL EXISTING HARDWARE.

DESIGNED: JA
DRAWN: SS, AW, CB
TECH. REVIEW: MJM, MS
DATE: 1/10/2025

SUB SHEET NO. A-6.01

TITLE OF SHEET
DOOR & HARDWARE SCHEDULE
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

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## DOOR SCHEDULE – NEW AND EXISTING

| DOOR NUMBER | DOOR LOCATION | PHASE | DOOR TYPE | TRIM TYPE | TRANSOM TYPE | PAIR | FIRE RATING | NOTES | NEW HARDWARE (REFER TO LEGEND) | EXISTING HARDWARE |
|---|---|---|---|---|---|---|---|---|---|---|
| 212G | INTERPRETIVE–MISS BARTON'S SITTING ROOM (GROUP B, TRIPLE) | EXISTING | D2 | F3 | | | | | | |
| 212H | INTERPRETIVE–MISS BARTON'S SITTING ROOM (GROUP B, TRIPLE) | EXISTING | D2 | F3 | | | | | | |
| 212J | INTERPRETIVE–MISS BARTON'S SITTING ROOM (GROUP B, TRIPLE) | EXISTING | D2 | F3 | | | | | | |
| 213A | INTERPRETIVE–MISS BARTON'S BED CHAMBER | EXISTING | D2 | F3 | | | | | | |
| 213B | INTERPRETIVE–MISS BARTON'S BED CHAMBER (CLOSET) | EXISTING | D5 | | | | | | | |
| 213C | INTERPRETIVE–MISS BARTON'S BED CHAMBER (CLOSET) | EXISTING | D5 | | | | | | | |
| 213D | INTERPRETIVE–MISS BARTON'S BED CHAMBER | EXISTING | D2 | F3 | | | | SHUT EXISTING DOOR AND FIX IN PLACE | | |
| 214 | STAIRWELL | NEW | D2 | F3 | | | 60 MIN | NEW 34" FOUR–PANEL DOOR AND FRAME TO MATCH EXISTING. NO VISION PANEL. BOD: MASONITE FIRE RATED DOOR. | H1, L4, C1, S3, T3, F/S | |
| 215A | VESTIBULE (LIFT) | NEW | LIFT | F4 | | | 60 MIN | RAL COLOR UPCHARGE TO MATCH FINISH P3. REFER TO FINISH SCHEDULE. | AUTO, REFER TO MANUFACTURER INSTRUCTIONS | |
| 215B | VESTIBULE (TOILET ROOM) | NEW | D2 | F4 | | | | NEW 36" WOOD DOOR AND FRAME | H1, L1, C1, P1, S3, T2, ACOUST | |
| 215F | TOILET ROOM | EXISTING | D2 | F3 | H1 | | | SHUT EXISTING DOOR AND FIX IN PLACE | | |
| 216A | CLASSROOM (CLOSET) | NEW | D10 | F3 | | | | NEW 26" WOOD DOOR AND FRAME | H1 | |
| 216B | CLASSROOM (CLOSET) | NEW | D10 | F3 | | | | NEW 28" WOOD DOOR TO MATCH REMOVED DOOR (D–216B) IN KIND. EXISTING FRAME TO REMAIN. | H1 | |
| 216C | CLASSROOM (CLOSET) | EXISTING | D10 | F3 | | | | SHUT EXISTING DOOR AND FIX IN PLACE | | |
| 216D | CLASSROOM (CLOSET) | EXISTING | D10 | F3 | | | | SHUT EXISTING DOOR AND FIX IN PLACE | | |
| 218A | TEMPORARY EXHIBITS | EXISTING | D2 | F1, F4 | | PAIR | | | | |
| 218B | TEMPORARY EXHIBITS (CLOSET) | EXISTING | D2 | F6 | | | | | | |
| 218C | TEMPORARY EXHIBITS | EXISTING | D2 | F6 | | | | | | |
| 218D | TEMPORARY EXHIBITS (CLOSET) | EXISTING | D2 | F6 | | | | | | |
| 301A | RED CROSS CHAMBER | EXISTING | D12 | | | PAIR | | | | |
| 301B | RED CROSS CHAMBER (CLOSET) | EXISTING | D2 | | | | | | | |
| 301C | RED CROSS CHAMBER (CLOSET) | EXISTING | D2 | | | | | | | |
| 303A | TOPMOST CHAMBER (STAIR) | EXISTING | D5 | | | | | | | |
| 303B | TOPMOST CHAMBER (BALCONY) | EXISTING | D13 | | | PAIR | | | | |
| 303C | TOPMOST CHAMBER (BALCONY) | EXISTING | D13 | | | PAIR | | | | |
| 303D | TOPMOST CHAMBER (STAIR) | EXISTING | D5 | | | | | | | |
| 305A | MISS BARTON'S STORE ROOM | EXISTING | D12 | | | PAIR | | | | |
| 305B | MISS BARTON'S STORE ROOM (CLOSET) | EXISTING | D2 | | | | | | | |
| 305C | MISS BARTON'S STORE ROOM (CLOSET) | EXISTING | D2 | | | | | | | |
| 305D | MISS BARTON'S STORE ROOM (EXTERIOR) | EXISTING | D2 | | | | | | | |
| B–1A | STORAGE (EXTERIOR) | EXISTING | | | | | | | | |
| B–1B | STORAGE | EXISTING | | | | | | | | |
| B–2 | MECHANICAL | EXISTING | | | | | | | | |
| B–3 | CUSTODIAL SUPPLY (EXTERIOR) | EXISTING | | | | | | | | |
| B–4 | STORAGE | EXISTING | | | | | | | | |
| B–5 | B–5 (EXTERIOR) | EXISTING | | | | | | | | |
| B–6 | B–6 | EXISTING | | | | | | | | |
| B–7A | STAIRWELL (EXTERIOR) | EXISTING | | | | | | | | |
| B–7B | STAIRWELL (EXTERIOR) | MODIFICATION | D6 | | | | | INSTALL MODIFIED EXISTING BOARD DOOR FOR EGRESS CODE COMPLIANCE | L3, ED1, C1, T3 | |
| B–7D | STAIRWELL (OPENING) | NEW | OPEN | F4 | | | | NEW 48" OPENING WITH HM FRAME | | |
| B–9 | B–9 (CLOSET) | EXISTING | | | | | | | | |
| B–10 | VAULT | EXISTING | D4 | | | | | | | |
| CL–1A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–1B | CLOSET | EXISTING | | | | | | | | |
| CL–2 | CLOSET | EXISTING | D7 | | | | | | | |
| CL–3A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–3B | CLOSET | EXISTING | D7 | | | | | | | |
| CL–4A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–4B | CLOSET | EXISTING | D7 | | | | | | | |
| CL–5 | CLOSET | SALVAGED | | | | | | INSTALL SALVAGED EXISTING DOOR (CURRENTLY IN STORAGE) | | |
| CL–6A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–6B | CLOSET | MODIFICATION | D7 | | | | | INSTALL MODIFIED EXISTING BOARD DOOR. REFER TO SHEET A–5.07 | | |
| CL–7A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–7B | CLOSET | EXISTING | D7 | | | | | | | |
| CL–8A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–8B | CLOSET | EXISTING | D7 | | | | | | | |
| CL–9A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–9B | CLOSET | SALVAGED | | | | | | INSTALL SALVAGED EXISTING DOOR (CURRENTLY IN STORAGE). SHUT DOOR AND FIX IN PLACE. | | |
| CL–10A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–10B | CLOSET | SALVAGED | | | | | | INSTALL SALVAGED EXISTING DOOR (CURRENTLY IN STORAGE). SHUT DOOR AND FIX IN PLACE. | | |
| CL–11A | CLOSET | EXISTING | D7 | | | | | | | |
| CL–11B | CLOSET | EXISTING | D7 | | | | | | | |
| CL–11C | CLOSET | EXISTING | D7 | | | | | | | |
| CL–12 | CLOSET | EXISTING | D7 | | | | | | | |
| CL–13 | CLOSET | EXISTING | D7 | | | | | | | |

## NEW HARDWARE KEY

**HINGES:**
H1 - BALL BEARING

**LOCKSETS:**
L1 - OFFICE
L2 - CLASSROOM
L3 - STOREROOM
L4 - PASSAGE

**EXIT DEVICES:**
ED1 - EXIT DEVICE

**CLOSERS:**
C1 - REGULAR ARM

**PLATE:**
P1 - MOP PLATE

**STOP:**
S1 - WALL STOP
S2 - FLOOR STOP
S3 - OVERHEAD STOP

**THRESHOLD:**
T1 - WOOD
T2 - MARBLE
T3 - METAL

**SEAL:**
ACOUST - ACOUSTICAL
F/S - FIRE SMOKE

**MISCELLANEOUS:**
AUTO - AUTOMATIC DOOR OPENER

## DOOR NOTES

1. SEE SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION
2. FOR DOUBLE DOORS, PROVIDE HARDWARE AS APPROPRIATE
3. COORDINATE HARDWARE FOR DESIRED FUNCTION

REFINISH ALL EXISTING DOORS. REFER TO FINISH SCHEDULE.
CLEAN ALL EXISTING HARDWARE.

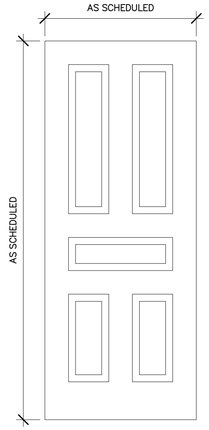
DESIGNED: JA
DRAWN: SS, AW, CB
TECH. REVIEW: MJM, MS
DATE: 1/10/2025

SUB SHEET NO. A–6.02

TITLE OF SHEET
DOOR & HARDWARE SCHEDULE
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

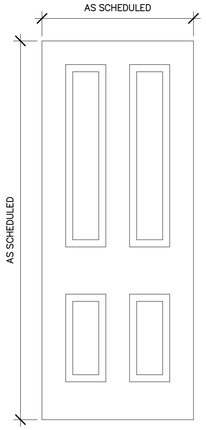
DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

Autodesk Docs://Clara Barton National Historic Site/2203.4 Clara Barton House_RVT23.rvt
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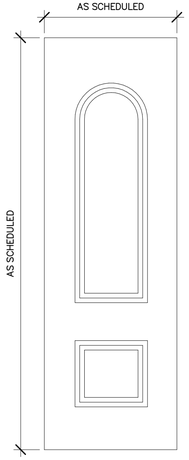

TYPE D1

5 PANEL DOOR



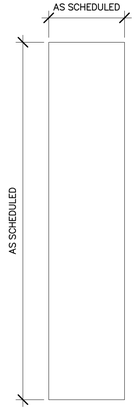

TYPE D2

4 PANEL DOOR



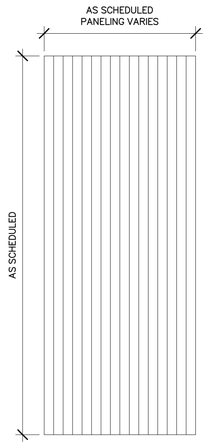

TYPE D3

2 PANEL DOOR, TOP PANEL ARCHED



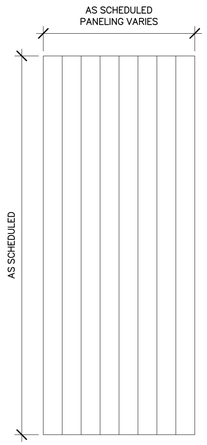

TYPE D4

METAL VAULT DOOR



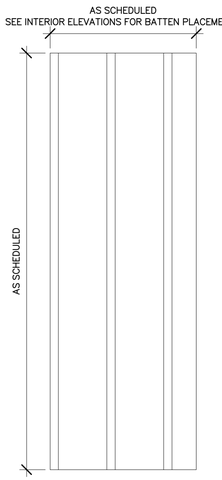

TYPE D5

BEADED BOARD DOOR



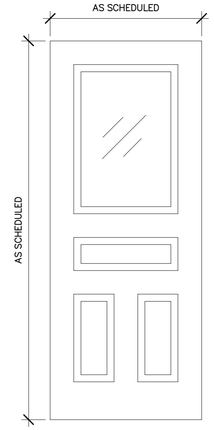

TYPE D6

PLAIN BOARD DOOR



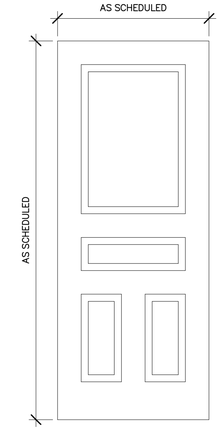

TYPE D7

BOARD & BATTEN DOOR



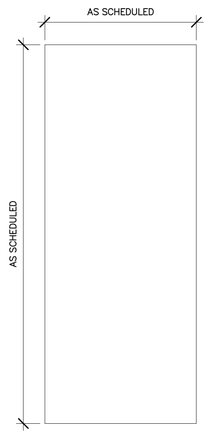

TYPE D8

4 PANEL DOOR, TOP PANEL GLASS



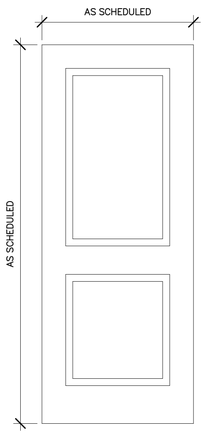

TYPE D9

4 PANEL DOOR



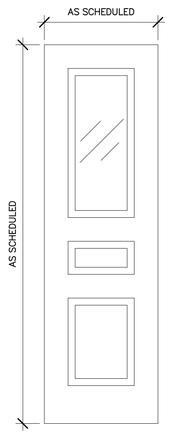

TYPE D10

MUSLIN DOOR



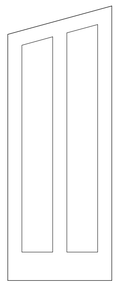

TYPE D11

2 PANEL DOOR



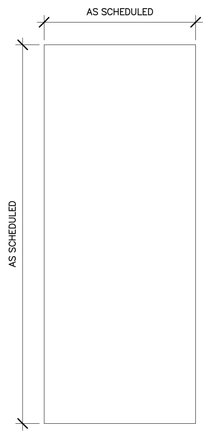

TYPE D12

3 PANEL DOOR, TOP PANEL GLASS



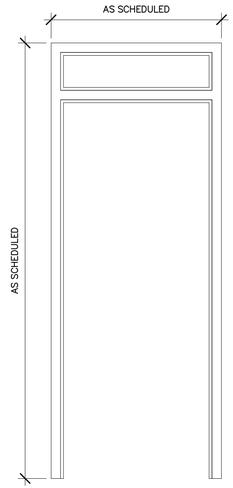
TYPE D13

2 PANEL HORIZ. ATTIC DOOR



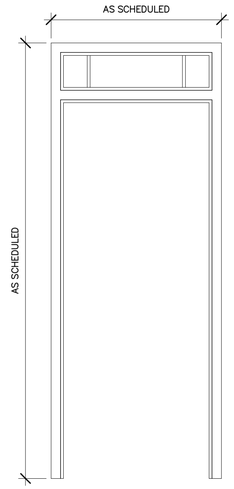

TYPE D14

PLAIN WOOD DOOR



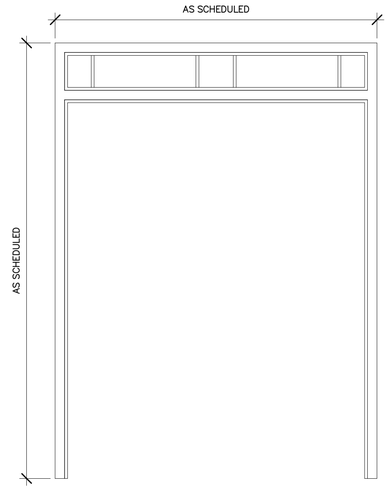

TYPE H1

DOORWAY WITH TRANSOM WINDOW 1–LITE




TYPE H2

DOORWAY WITH TRANSOM WINDOW 3–LITE

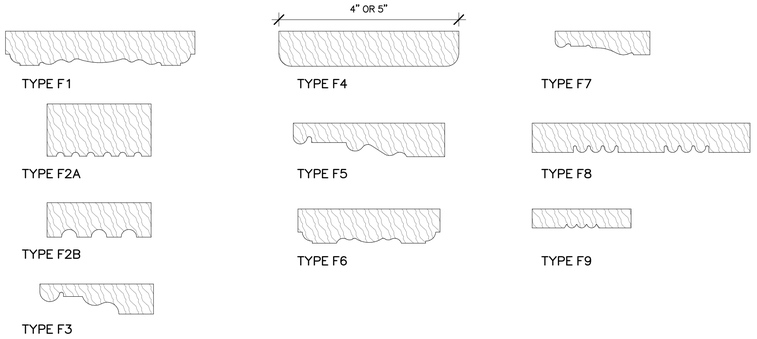



TYPE H3

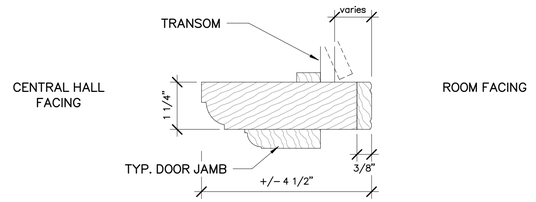
DOORWAY WITH TRANSOM WINDOW 5–LITE

| | | | |
|---|---|---|---|
| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO.<br>A-6.03 | TITLE OF SHEET<br>DOOR TYPES<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

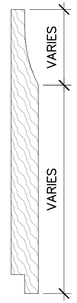
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## 4 DOOR TRIM PROFILES
SCALE: 6" = 1'-0"

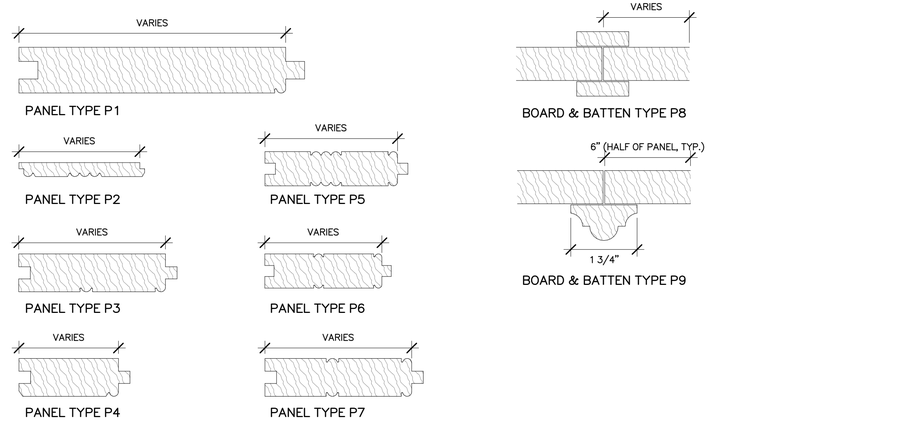


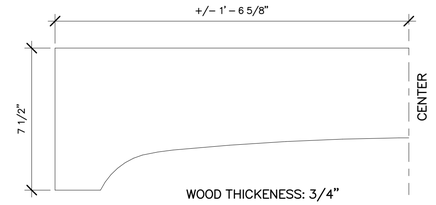

## 3 TYPICAL DOOR TRANSOM WINDOW
SCALE: 6" = 1'-0"



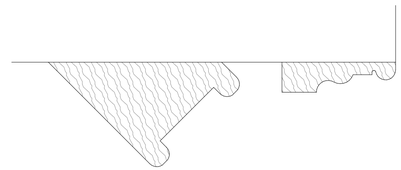

GERMAN LAP SIDING

## 9 EXTERIOR SIDING PROFILES
SCALE: 6" = 1'-0"

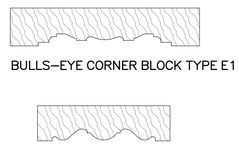


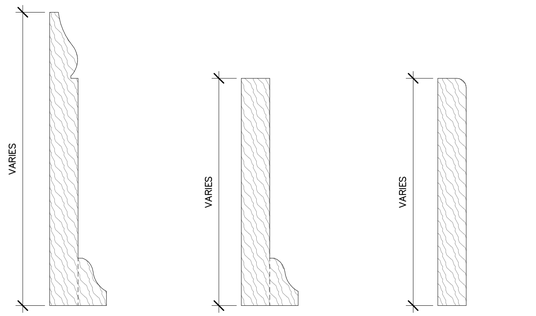

## 2 1ST FLOOR DOORWAY ARCH TRIM
SCALE: 3" = 1'-0"

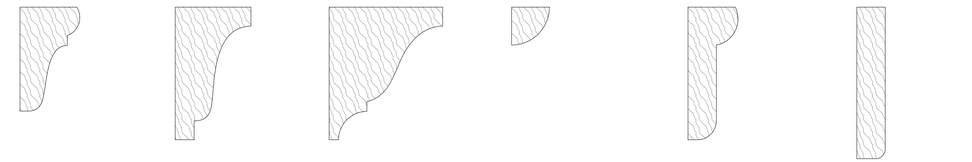


## 8 MILLWORK AT 2ND FLOOR EGRESS STAIR
SCALE: 6" = 1'-0"




## 5 WALL PANELING PROFILES
SCALE: 6" = 1'-0"




## 7 CORNICE PROFILES
SCALE: 6" = 1'-0"

## 1 CORNER MOULDING PROFILES
SCALE: 6" = 1'-0"

## 6 BASEBOARD PROFILES
SCALE: 6" = 1'-0"

| | | | |
|---|---|---|---|
| DESIGNED: JA<br>CADD: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-6.04 | TITLE OF SHEET: TRIM PROFILES<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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## Window Schedule

| WINDOW NUMBER | WINDOW TYPE | BROKEN PANES | BROKEN CORDS | STOPS & JAMBS | RAIL | SILL | OTHER REPAIRS NOTES | FINISH NOTES | EXTERIOR SCREEN | HARDWARE | Interior Storm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W0.1 | (2) 6–LITE FIXED | | | | | | | | | | |
| W0.3 | 6–LITE FIXED | 1 | | | | 1SF DUTCHMAN AT SILL | | | | | |
| W0.4 | 6–LITE FIXED | | | | | | | | | | |
| W0.5 | LOUVER | | | | | | INSTALL LOUVERS IN SASH | | | | |
| W0.6 | (2) LOUVER | | | | | | INSTALL LOUVERS IN SASH | | | | |
| W0.7 | (2) 6/6 DOUBLE HUNG | | | | | REPLACE SILL | | | | SCREEN HARDWARE PRESENT AT TOP | |
| W0.8 | 6/6 DOUBLE HUNG | 2 | | | | | | | | | |
| W0.9 | 6/6 DOUBLE HUNG | 1 | | | | | | | SCREEN–POOR | | |
| W0.10 | 6/6 DOUBLE HUNG | 1 | | | | REPLACE SILL | | | | | |
| W0.11 | 6/6 DOUBLE HUNG | | | | | | REPUTTY/REGLAZE | REMOVE LEAD PAINT | | | |
| W0.12 | 6/6 DOUBLE HUNG | 1 | | | | | | | | | |
| W0.13 | 6–LITE FIXED | 1 | | | | | | | | | |
| W0.14 | 6–LITE FIXED | | | | | | | | | | |
| W0.15 | (2) 6–LITE FIXED | | | | | | | | | | |
| W0.16 | 6–LITE FIXED | | | | | | | | | | |
| W0.17 | (2) 6–LITE FIXED | | | | | | REPLACE LEFT SASH WITH NEW & SALVAGED GLAZING; REMOVE PLANT GROWTH | | | | |
| W1.1 | 6/6 DOUBLE HUNG | 1 | | | | | | | SCREEN | PORCELAIN KNOB SASH LOCK | NEW |
| W1.2 | 6/6 DOUBLE HUNG | | 1 | | | | | | SCREEN | | NEW |
| W1.3 | (2) 6/6 DOUBLE HUNG | 1 | 1 | | | | | | SCREEN – LEFT ONLY | RESTORE RUSTED SASH LOCK | NEW |
| W1.4 | 6/6 DOUBLE HUNG | 2 | | GAPS AT STOP | | | | | | RESTORE RUSTED SASH LOCK | NEW |
| W1.5 | 6/6 DOUBLE HUNG | | | GAPS AT STOP | | | | | | NO SASH LOCK, SASH LIMITER | NEW |
| W1.6 | 6/6 DOUBLE HUNG | 2 | | | | | | | | | NEW |
| W1.7 | 6/6 DOUBLE HUNG | 3 | | | | | | REPAINT; TRANSPARENT FINISH AT TRIM | | RUSTED SASH LOCK | NEW |
| W1.8 | 6/6 DOUBLE HUNG | 2 | | | | | | | SCREEN | | NEW |
| W1.9 | 6/6 DOUBLE HUNG | | | | | | | | REFASTEN SCREEN | | NEW |
| W1.10 | (2) 6/6 DOUBLE HUNG | | | GAPS AT STOP; EPOXY REPAIRS | EPOXY REPAIRS AT BOTTOM RAIL AND MUTTONS | REPLACE SILL | EXTEND JAMB | REPAINT | | | NEW |
| W1.11 | 6/6 DOUBLE HUNG | | | | | EPOXY REPAIRS | | | | | NEW |
| W1.12 | (2) 6/6 DOUBLE HUNG | 1 | 2 | | EPOXY REPAIRS AT BOTTOM RAIL | EPOXY REPAIRS | | | | | NEW |
| W1.13 | 6/6 DOUBLE HUNG | | | | | | | | | | NEW |
| W1.14 | (2) 6/6 DOUBLE HUNG | REMOVE FILM | | | REPLACE (1) VERTICAL MULLION; EPOXY REPAIRS AT BOTTOM RAIL | REPLACE SILL | EXTEND JAMB | | | | NEW |
| W1.15 | 6/6 DOUBLE HUNG | | | | SEALANT | | | | | | NEW |
| W1.16 | 6/6 DOUBLE HUNG | 2 | | | | | | UNPAINTED JAMB | | SASH LIMITER | NEW |
| W1.17 | 6/6 DOUBLE HUNG | 1 | 1 | | | EPOXY REPAIRS | | | | | NEW |
| W1.18 | 6/6 DOUBLE HUNG | 1 | 2 | | SMALL DUCHTMAN AT MULLION | REMOVE SOILING | | | | | NEW |
| W1.19 | 6/6 DOUBLE HUNG | 1 | 2 | | | REMOVE BIOLOGICAL GROWTH | | UNPAINTED JAMB | | | NEW |
| W1.20 | 6/6 DOUBLE HUNG | | | GAPS AT STOP | | | | UNPAINTED JAMB | | | NEW |
| W1.21 | 6–LITE AWNING | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE; SEALANT | | INTERIOR SCREEN | | NEW |
| W1.22 | 6/6 DOUBLE HUNG | | | GAPS AT STOP | | EPOXY REPAIRS | | UNPAINTED JAMB | SCREEN | | NEW |
| W1.23 | 4/2 DOUBLE HUNG, SMALL INTERIOR CASEMENT | | | | | | | | | | NEW |
| W1.24 | 4/2 DOUBLE HUNG | | 1 | | | | | | REPLACE WD FRAME SCREEN TO MATCH EXISTING | SASH LOCK WITH PORCELAIN KNOB | NEW |
| W1.25 | 4/2 DOUBLE HUNG | 1 | 1 | | | | | INTERIOR TRANSPARENT FINISH | REPLACE WD FRAME SCREEN TO MATCH EXISTING | REGULAR SASH LOCK | NEW |
| W1.26 | 4/2 DOUBLE HUNG | 1 | 2 | | | | | INTERIOR TRANSPARENT FINISH | REPLACE WD FRAME SCREEN TO MATCH EXISTING | OLD SASH LOCK | NEW |
| W1.27 | 4/2 DOUBLE HUNG | | | | | | | | REPLACE WD FRAME SCREEN TO MATCH EXISTING | RUSTED SASH LOCK | NEW |
| W1.28 | 4/2 DOUBLE HUNG | | | | | | | | REPLACE WD FRAME SCREEN TO MATCH EXISTING | REGULAR SASH LOCK | NEW |
| W2.1 | 6/6 DOUBLE HUNG | | | | | DUTCHMAN | | | SCREEN | | NEW |
| W2.2 | 6/6 DOUBLE HUNG | 1 | | | | | | | SCREEN | | NEW |
| W2.3 | 6/6 DOUBLE HUNG | 1 | 1 | | | | | | | | NEW |
| W2.4 | 6/6 DOUBLE HUNG | 1 | | | | | REPUTTY/REGLAZE; SEALANT | | | | NEW |
| W2.5 | 6/6 DOUBLE HUNG | 2 | | | | | | | SCREEN | | NEW |
| W2.6 | 6/6 DOUBLE HUNG | | 1 | | | | | | SCREEN | | NEW |
| W2.7 | 6/6 DOUBLE HUNG | 1 | | | EPOXY REPAIRS AT RAILS AND MULLIONS | | | | SCREEN | | NEW |
| W2.8 | 6/6 DOUBLE HUNG | | | | EPOXY REPAIRS AT RAILS AND MULLIONS | | | | SCREEN | | NEW |
| W2.9 | (2) 6/6 DOUBLE HUNG | 2; REMOVE FILM | | | EPOXY REPAIRS AT RAILS AND MULLIONS | REPLACE SILL | EXTEND JAMB | | | | NEW |
| W2.10 | 6/6 DOUBLE HUNG | | | | | EPOXY REPAIRS | | INTERIOR WHITE PAINT | | NO LOCKS; NEW PULLEY | NEW |
| W2.11 | (2) 6/6 DOUBLE HUNG | | | | | EPOXY REPAIRS | | INTERIOR WHITE PAINT | | NO LOCKS; NEW PULLEY | NEW |
| W2.12 | 6/6 DOUBLE HUNG | | | | | EPOXY REPAIRS | | INTERIOR WHITE PAINT | | NO LOCKS; NEW PULLEY | NEW |
| W2.13 | (2) 6/6 DOUBLE HUNG | 3 | 2 | | | REPLACE SILL | RESET WINDOW IN FRAMED OPENING; EXTEND JAMB | INTERIOR WHITE PAINT | | NO LOCKS; NEW PULLEY | NEW |
| W2.14 | 6/6 DOUBLE HUNG | | | | | | | INTERIOR WHITE PAINT | | NO LOCKS; NEW PULLEY | NEW |
| W2.15 | 6/6 DOUBLE HUNG | | | | | | | INTERIOR WHITE PAINT | | NO LOCKS; NEW PULLEY | NEW |
| W2.16 | 6/6 DOUBLE HUNG | 1 | | | EPOXY REPAIRS AT BOTTOM RAIL | EPOXY REPAIRS | | UNPAINTED JAMB | | | NEW |
| W2.17 | 6/6 DOUBLE HUNG | | 1 | GAPS AT STOP | | | | UNPAINTED JAMB | | | NEW |
| W2.18 | 6/6 DOUBLE HUNG | 2 | | | | | | UNPAINTED JAMB | | | NEW |
| W2.19 | 6/6 DOUBLE HUNG | | 1 | GAPS AT STOP | | | REMOVE AC UNIT | UNPAINTED JAMB | | | NEW |

GENERAL WINDOW NOTES:

1. PAINT ALL WINDOW SASHES WHITE, P 6 (INTERIOR AND EXTERIOR). SEE FINISH SCHEDULE FOR INTERIOR WINDOW SURROUNDS.

| | | | |
|---|---|---|---|
| DESIGNED: JA | SUB SHEET NO. A-6.05 | TITLE OF SHEET: WINDOW SCHEDULE | DRAWING NO. 895 179603 |
| CADD: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ____ OF X |
| DATE: 1/10/2025 | | | |

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## Window Schedule

| WINDOW NUMBER | WINDOW TYPE | BROKEN PANES | BROKEN CORDS | STOPS & JAMBS | RAIL | SILL | OTHER REPAIRS NOTES | FINISH NOTES | EXTERIOR SCREEN | HARDWARE | Interior Storm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W2.20 | FIXED MULTI–LITE | | | | | REMOVE BIOLOGICAL GROWTH | | INTERIOR TRANSPARENT FINISH | | | NEW |
| W2.21 | (2) 6/6 DOUBLE HUNG | 3 | 1 | | | | | INTERIOR TRANSPARENT FINISH | | | NEW |
| W2.22 | 4/2 DOUBLE HUNG | | | | | REPLACE SILL | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | REPAINT EXTERIOR | | | NEW |
| W2.23 | 4/2 DOUBLE HUNG | | | | | REPLACE SILL | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | REPAINT EXTERIOR | | | NEW |
| W2.24 | 4/2 DOUBLE HUNG | REMOVE FILM | | | | REPLACE SILL | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | INTERIOR TRANSPARENT FINISH; REPAINT EXTERIOR | | | NEW |
| W2.25 | (2) 4/2 DOUBLE HUNG | 1 | | | REPLACE BOTTOM RAIL | REPLACE SILL | | INTERIOR TRANSPARENT FINISH; REPAINT EXTERIOR | | MTL LATCH & EXTERIOR HANDLE | NEW |
| W2.26 | 4/2 DOUBLE HUNG | 1 | | | | REPLACE SILL | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | INTERIOR TRANSPARENT FINISH; REPAINT EXTERIOR | | | NEW |
| W2.27 | 4/2 DOUBLE HUNG | | | | | REPLACE SILL | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | REPAINT EXTERIOR | | SASH LIMITER | NEW |
| W2.28 | 4/2 DOUBLE HUNG | 1 | | | | REPLACE SILL | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | REPAINT EXTERIOR | | SASH LIMITER | NEW |
| W3.0 | 6/6 DOUBLE HUNG | 2; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.1 | 4/4 DOUBLE HUNG | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE; SEALANT | | | | NEW |
| W3.2 | 6/6 DOUBLE HUNG | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.3 | 4/4 DOUBLE HUNG | REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.4 | 6/6 DOUBLE HUNG | 2; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.5 | 6–LITE | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.6 | 2–LITE CASEMENT | REMOVE FILM | | | | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.7 | 6–LITE | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.8 | 4–LITE | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.9 | 6/6 DOUBLE HUNG | 3; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.10 | 4/4 DOUBLE HUNG | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | REPLACE SILL | REPUTTY/REGLAZE | | | | NEW |
| W3.11 | 6/6 DOUBLE HUNG | 1; REMOVE FILM | | | | REPLACE SILL | REPUTTY/REGLAZE | | SCREEN | | NEW |
| W3.12 | 4–LITE | REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.13 | 6–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.14 | 4–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.15 | 6–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.16 | 4–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.17 | 6/6 DOUBLE HUNG | 3; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.18 | 4/4 DOUBLE HUNG | 3; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.19 | 6/6 DOUBLE HUNG | 3; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.20 | 4/4 DOUBLE HUNG | 2; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.21 | 6/6 DOUBLE HUNG | 6; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.22 | (2) 6/6 DOUBLE HUNG | | | | | | | | | | NEW |
| W3.23 | 6/6 DOUBLE HUNG | 1; REMOVE FILM | | | | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.24 | 4/4 DOUBLE HUNG | 1; REMOVE FILM | | | | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.25 | 4/4 DOUBLE HUNG | REMOVE FILM | | | REPLACE MEETING RAIL | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.26 | 6/6 DOUBLE HUNG | REMOVE FILM | | | | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.27 | 4–LITE | REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.28 | 6–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.29 | 4–LITE | REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.30 | 6–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.31 | 4–LITE | 1; REMOVE FILM | | | | | REPLACE UPPER & LOWER SASH WITH NEW & SALVAGED GLAZING | | | | NEW |
| W3.32 | 6/6 DOUBLE HUNG | REMOVE FILM | | | REPLACE MEETING RAIL; EPOXY REPAIRS AT LOWER SASH AND MUTTONS | | REPUTTY/REGLAZE | | | | NEW |
| W3.33 | 4/4 DOUBLE HUNG | REMOVE FILM | | | EPOXY REPAIRS AT LOWER SASH AND MUTTONS | | REPUTTY/REGLAZE | | | | NEW |
| W3.34 | 6/6 DOUBLE HUNG | 2; REMOVE FILM | | | REPLACE BOTTOM RAIL | | REPUTTY/REGLAZE | | SCREEN | | NEW |
| W3.35 | 4–LITE | 2; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.36 | 6–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.37 | 4–LITE | REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.38 | 6–LITE | 1; REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.39 | 4–LITE | REMOVE FILM | | | | | REPUTTY/REGLAZE | | | | NEW |
| W3.40 | 6/6 DOUBLE HUNG | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.41 | 4/4 DOUBLE HUNG | REMOVE FILM | | | | 1LF DUTCHMAN | REPUTTY/REGLAZE | | | | NEW |
| W3.42 | 6/6 DOUBLE HUNG | 1; REMOVE FILM | | | REPLACE BOTTOM RAIL | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.43 | 4/4 DOUBLE HUNG | 1; REMOVE FILM | | | | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.44 | 6/6 DOUBLE HUNG | REMOVE FILM | | | REPLACE BOTTOM RAIL | EPOXY REPAIRS | REPUTTY/REGLAZE | | | | NEW |
| W3.45 | 2/2 | | | | | | | | | | NEW |
| W3.46 | (2) RED CROSS 9/2 DOUBLE HUNG, 4–LITE TRANSOM | | | | | | | | | DOUBLE HUNG | NEW |
| W3.47 | 2/2 | | | | | | | | | | NEW |

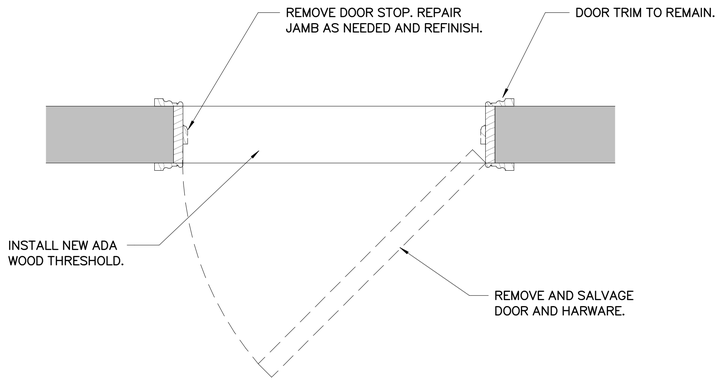
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WINDOW DETAILS TO BE DEVELOPED IN CONSTRUCTION DOCUMENTS SUBMISSION

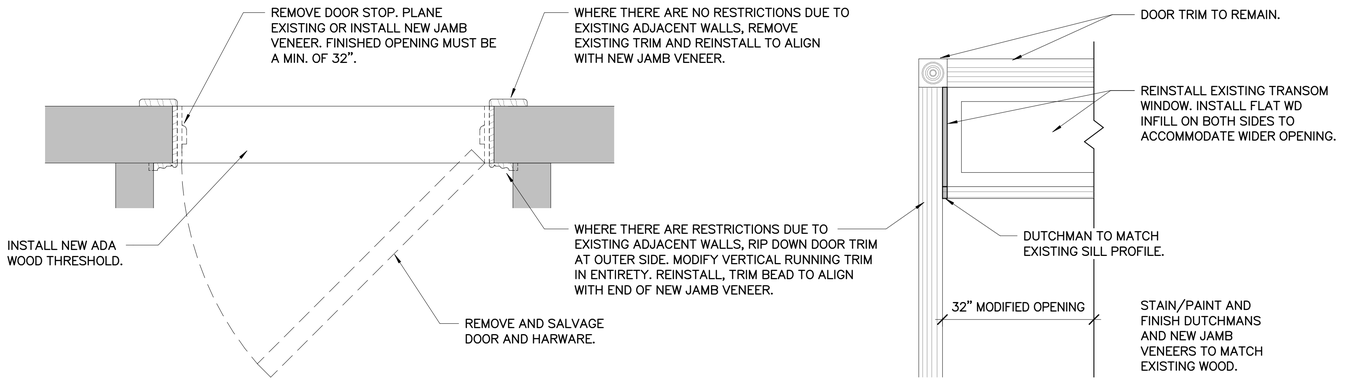
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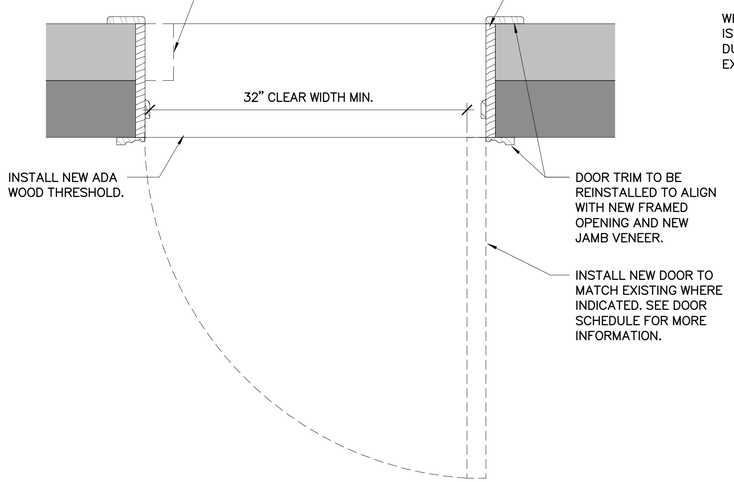

## 1 DOOR WIDENING TYPE 1 - REMOVE DOOR AND STOP

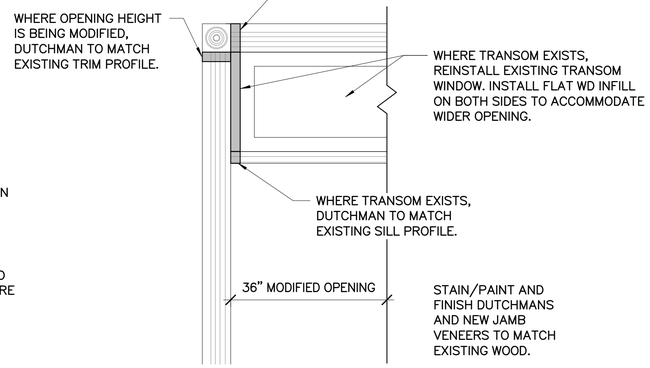
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## 2 DOOR WIDENING TYPE 2 - MODIFY JAMB

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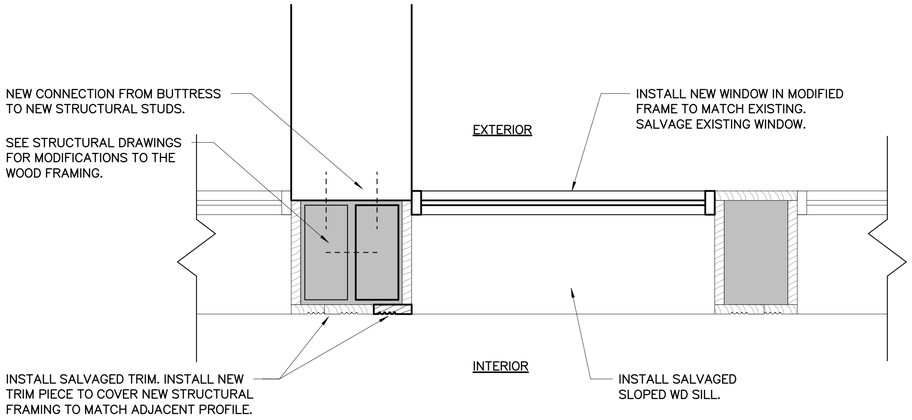

## 3 DOOR WIDENING TYPE 3 - REFRAME OPENING

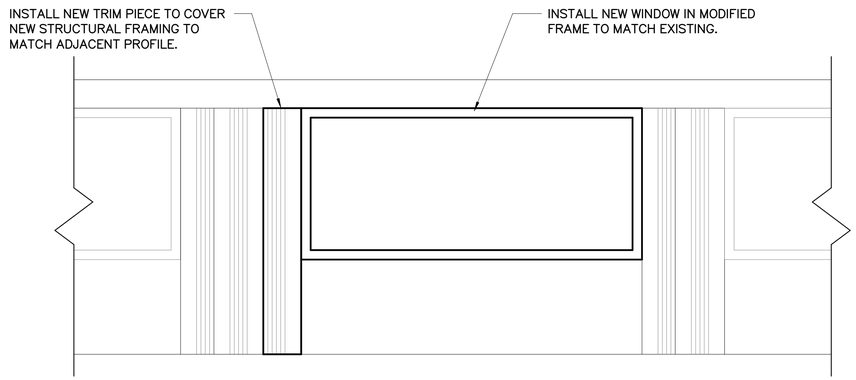
SCALE: 1 1/2" = 1'-0"

ADA THRESHOLD DETAIL

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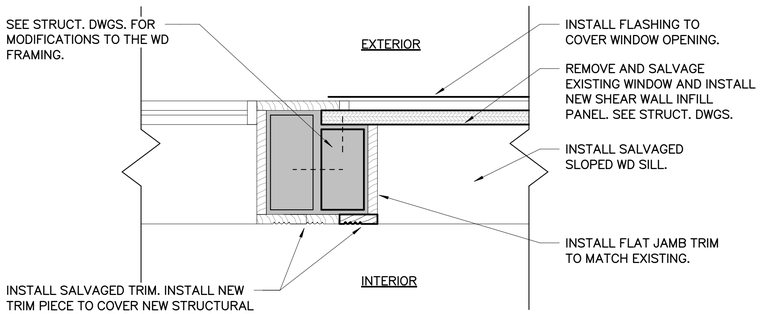
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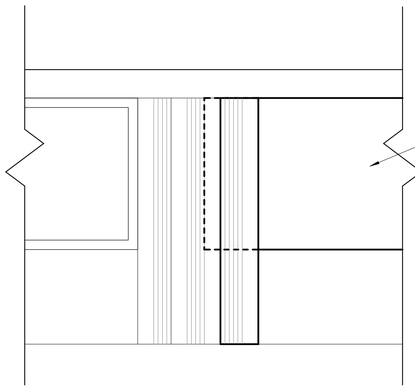


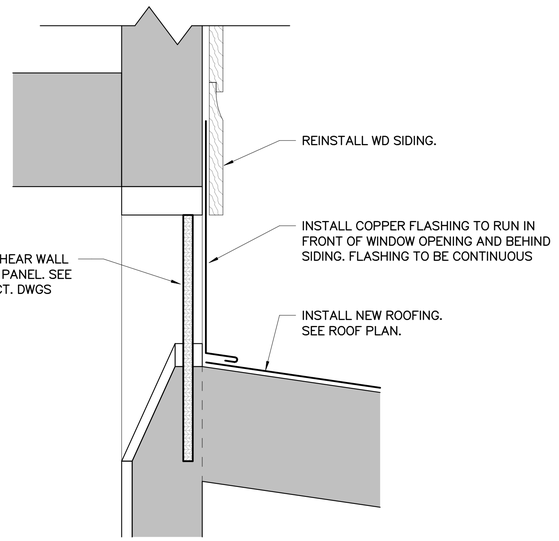




## 1 CLERESTORY WINDOW MODIFICATIONS FOR BUTTRESS CONNECTION

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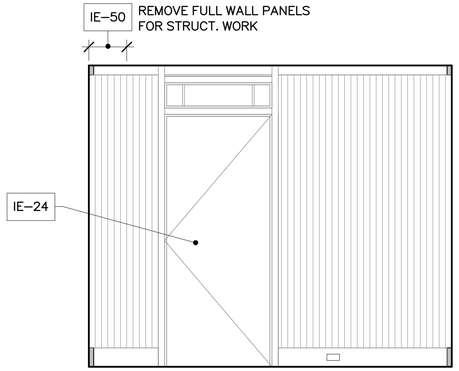




## 2 CLERESTORY WINDOW MODIFICATIONS FOR NEW SHEAR WALL INFILL

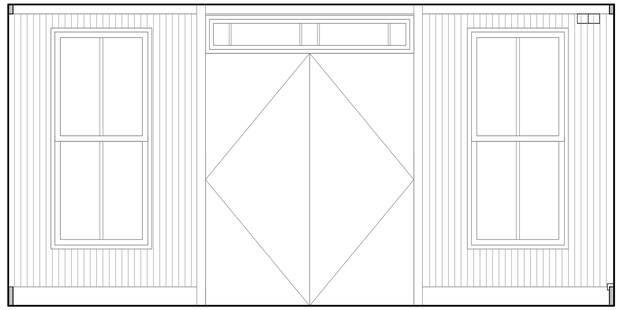
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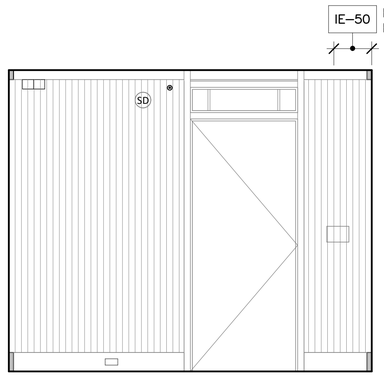
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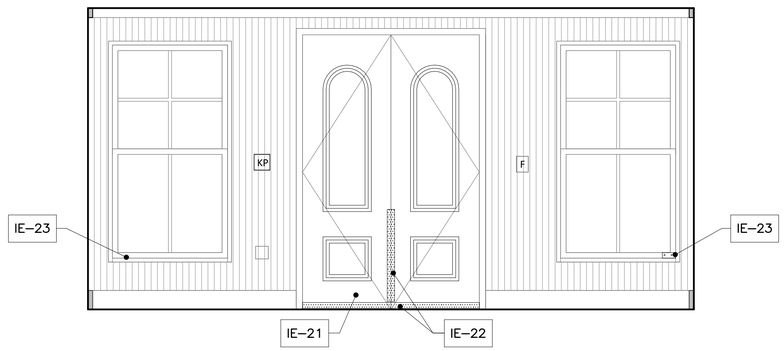

## 1 RM 101 - EAST
SCALE: 1/2" = 1'-0"



## 3 RM 101 - SOUTH
SCALE: 1/2" = 1'-0"




## 4 RM 101 - WEST
SCALE: 1/2" = 1'-0"




## 2 RM 101 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- (SD) SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

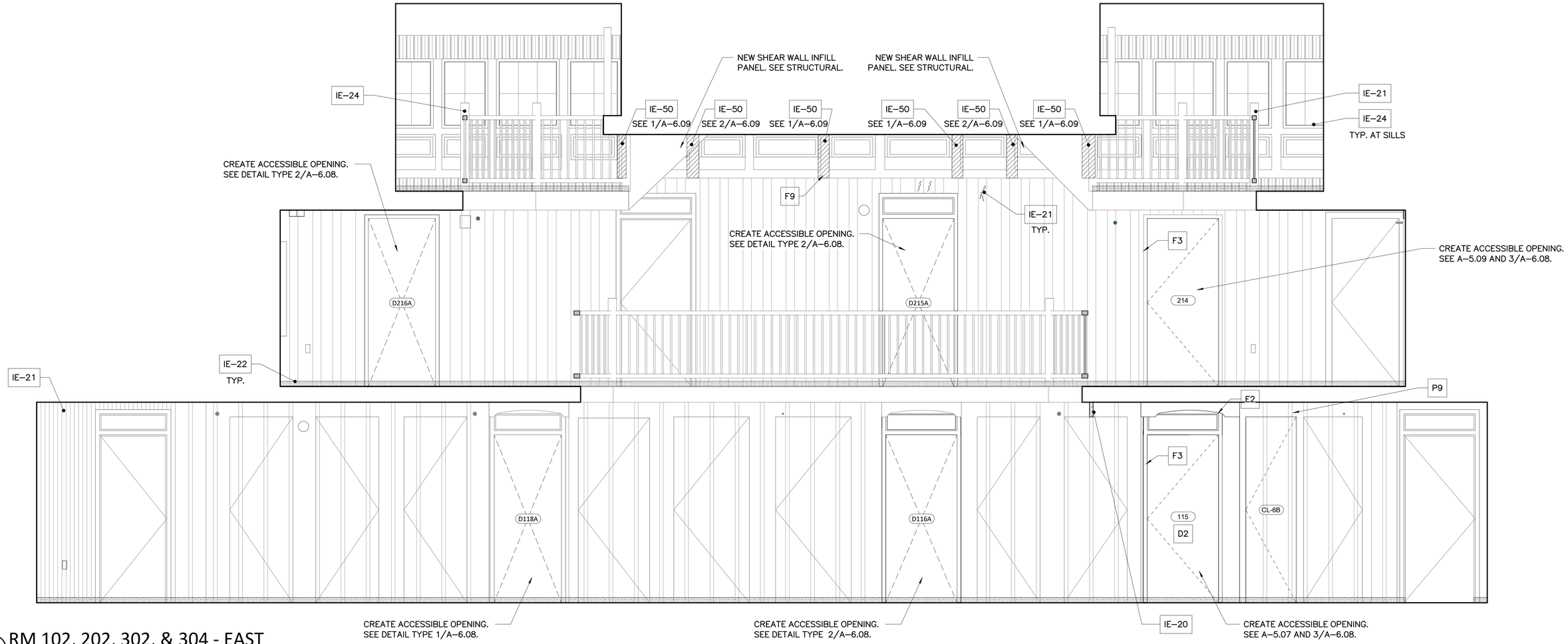
**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

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SCALE OF FEET

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| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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## 1 RM 102, 202, 302, & 304 - EAST

SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 — TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
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   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

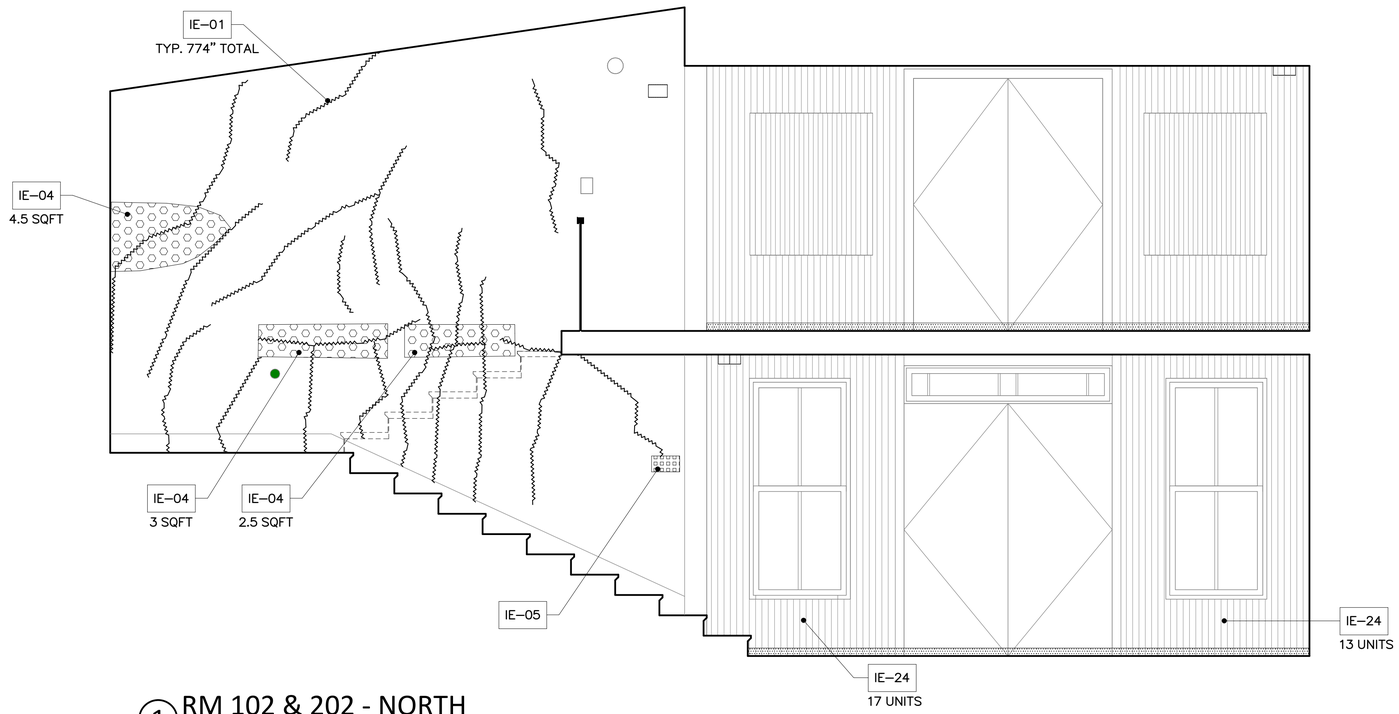
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

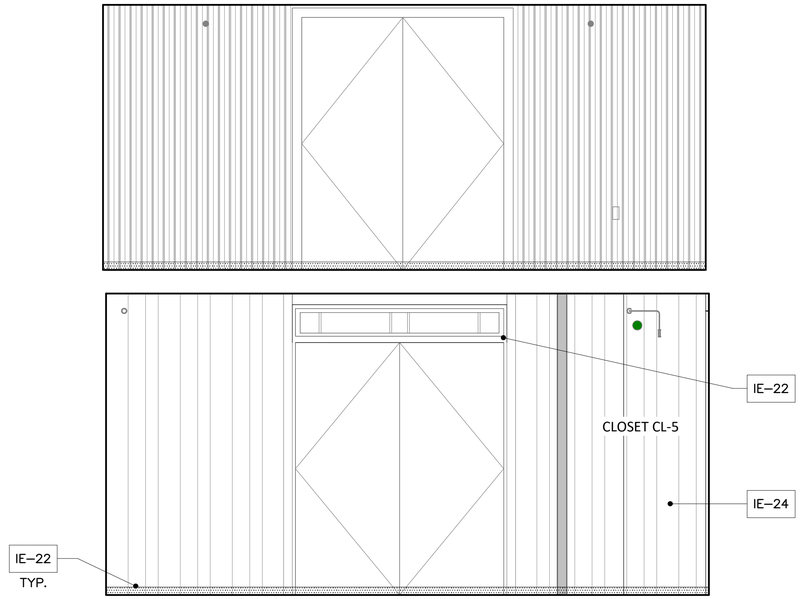
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SCALE OF FEET

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| DESIGNED: JA | SUB SHEET NO. A-7.02 | TITLE OF SHEET: INTERIOR ELEVATIONS – RM 102 E | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

Autodesk Docs://Clara Barton National Historic Site/2203.4 Clara Barton House_RVT23.rvt
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1 RM 102 & 202 - NORTH
SCALE: 1/2" = 1'-0"




2 RM 102 & 202 - SOUTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

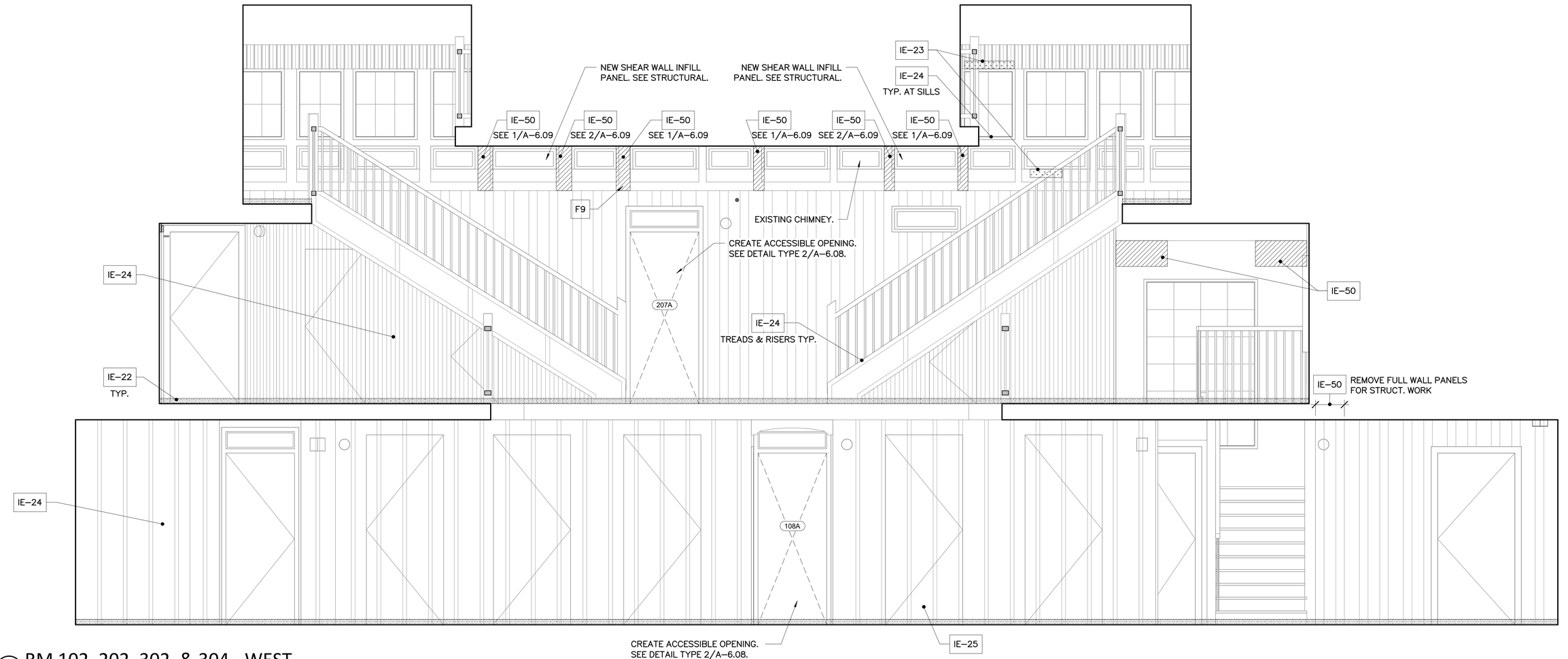
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

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SCALE OF FEET

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| CADD: SS, AW, CB | A–7.03 | INTERIOR ELEVATIONS – RM 102 N & S | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

Autodesk Docs://Clara Barton National Historic Site/22003.4 Clara Barton House_ RVT23.rvt
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## 1 RM 102, 202, 302, & 304 - WEST

SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
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- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

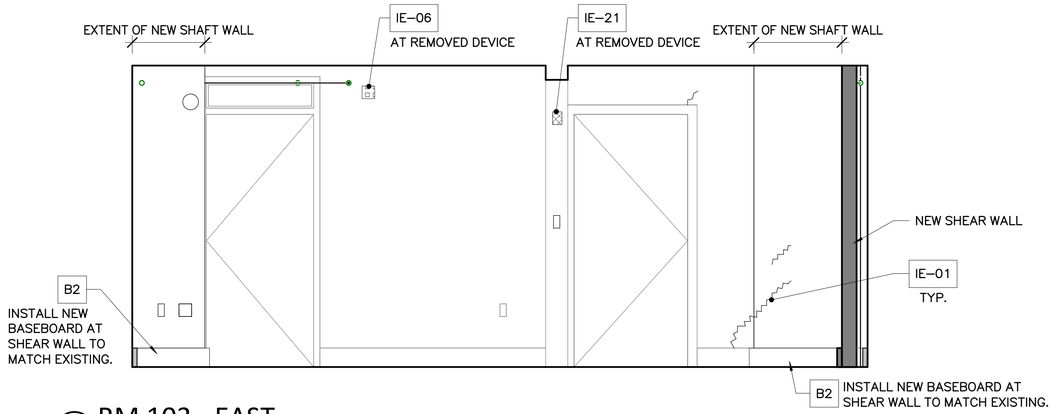
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- KP — KEY PAD
- CAMERA

**LIGHTING**

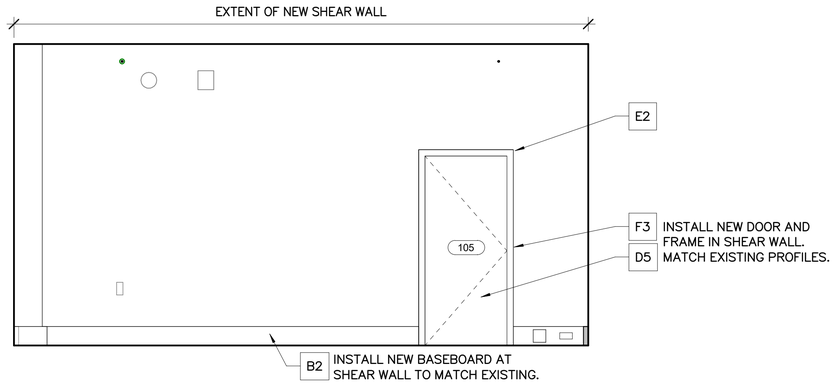
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SCALE OF FEET

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| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

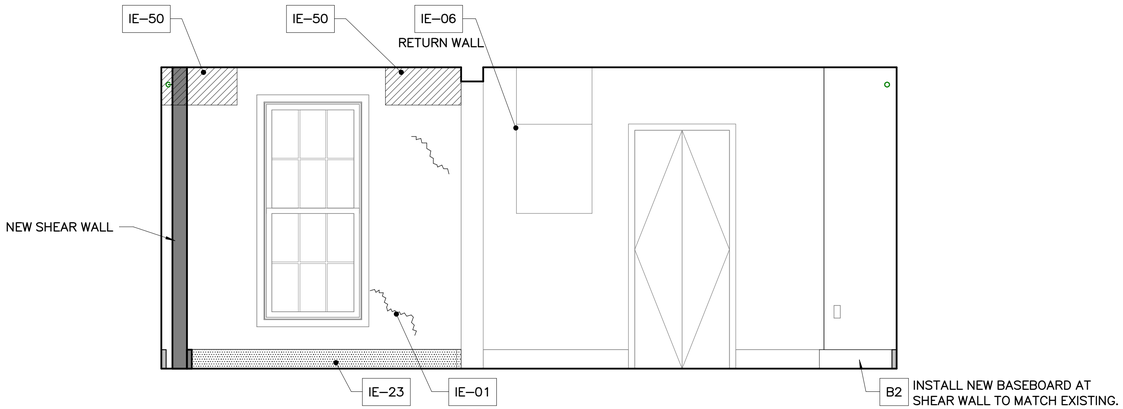
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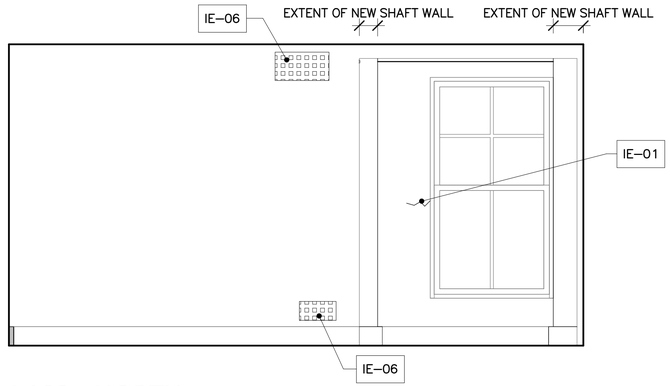

## 1 RM 103 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 103 - SOUTH
SCALE: 1/2" = 1'-0"




## 4 RM 103 - WEST
SCALE: 1/2" = 1'-0"




## 3 RM 103 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
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- FLAKING PAINT
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## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

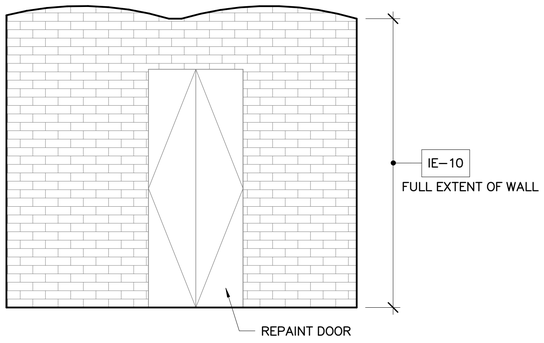
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- KP — KEY PAD
- CAMERA

**LIGHTING**

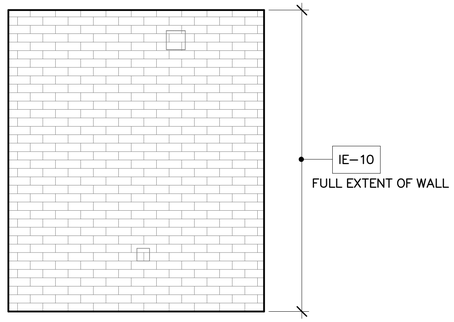
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| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

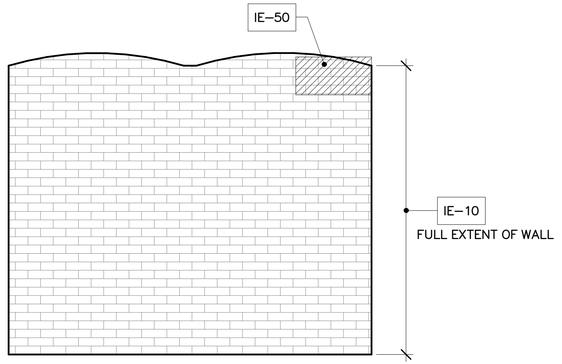
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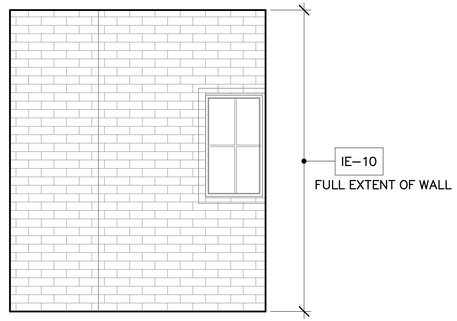

1 RM 104 - EAST
SCALE: 1/2" = 1'-0"



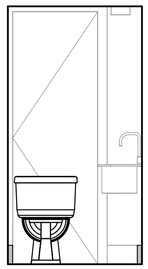

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SCALE: 1/2" = 1'-0"



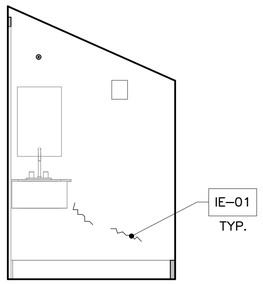

3 RM 104 - WEST
SCALE: 1/2" = 1'-0"



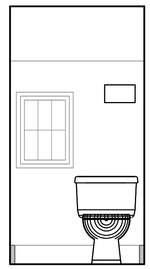

4 RM 104 - NORTH
SCALE: 1/2" = 1'-0"



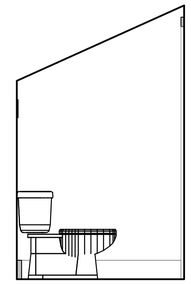
5 RM 105A - EAST
SCALE: 1/2" = 1'-0"




6 RM 105A - SOUTH
SCALE: 1/2" = 1'-0"



7 RM 105A - WEST
SCALE: 1/2" = 1'-0"



8 RM 105A - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
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- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

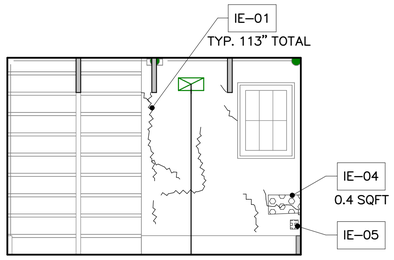
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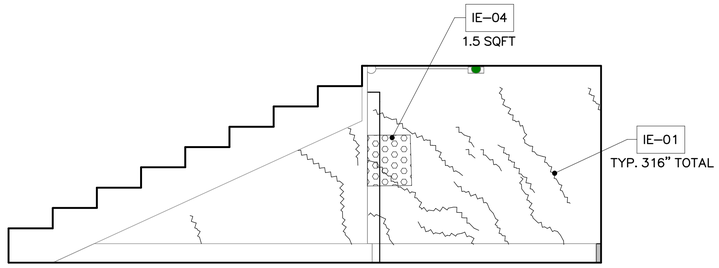
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# INTERIOR ELEVATIONS – RM 104 & 105A
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

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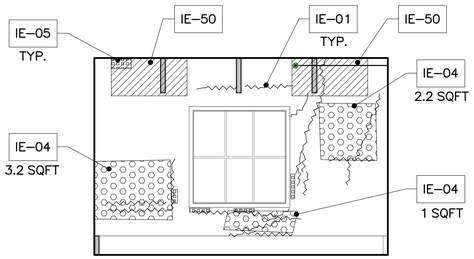
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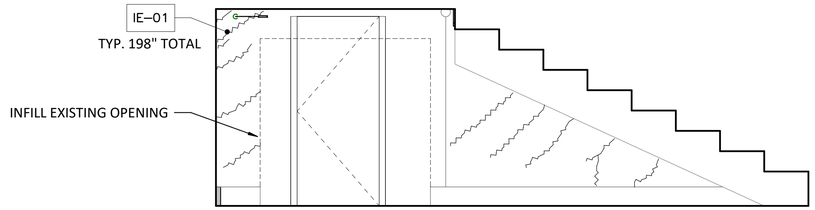

## 1 RM 105 - EAST
SCALE: 1/2" = 1'-0"



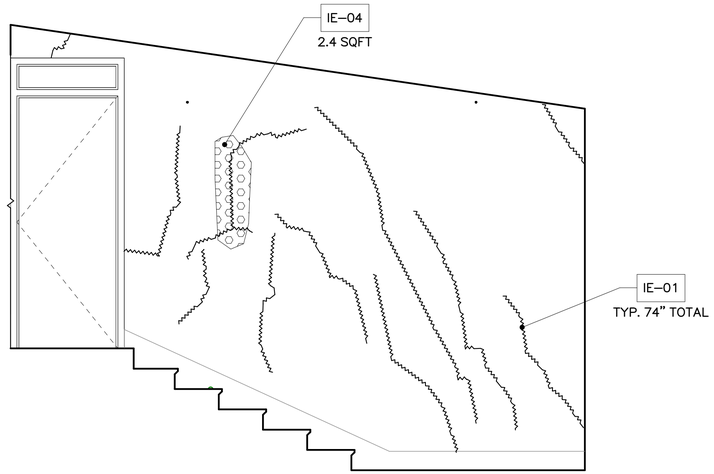

## 2 RM 105 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 105 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 105 - NORTH
SCALE: 1/2" = 1'-0"




## 5 MAIN STAIR 2ND FLOOR - SOUTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
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   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.

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IE–06 PLASTER PATCH OTHER.

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## DEVICES LEGEND

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- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

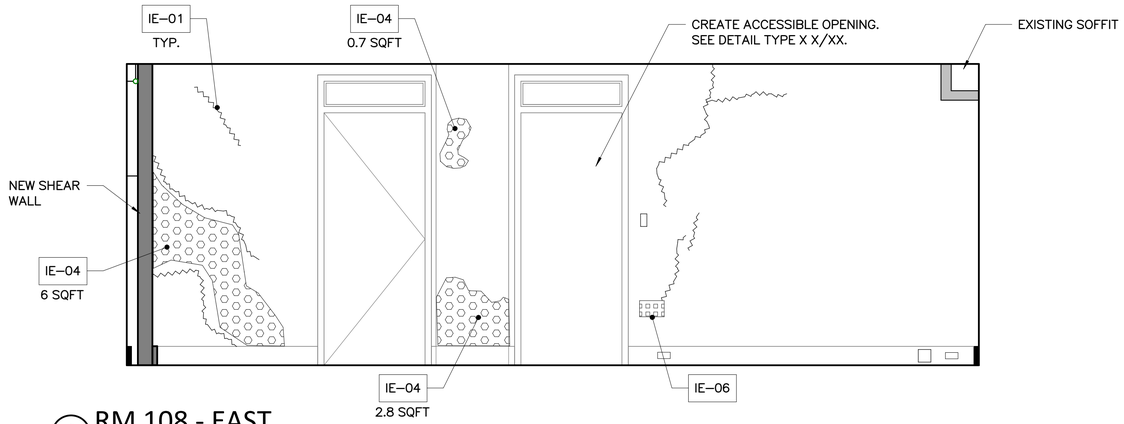
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SCALE OF FEET

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| SUB SHEET NO. | A–7.07 |

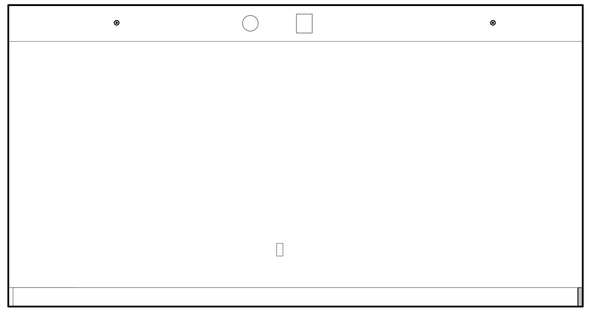
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

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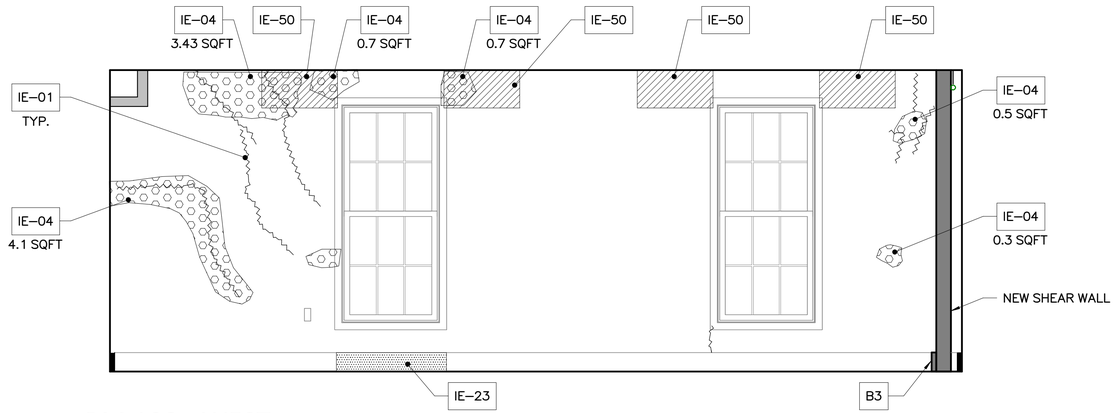
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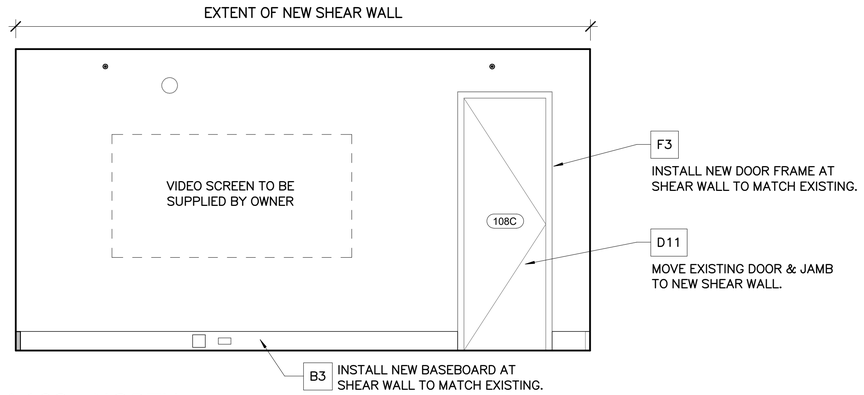

## 1 RM 108 - EAST
SCALE: 1/2" = 1'-0"



## 2 RM 108 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 108 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 108 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
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## INTERIOR KEYNOTES

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## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

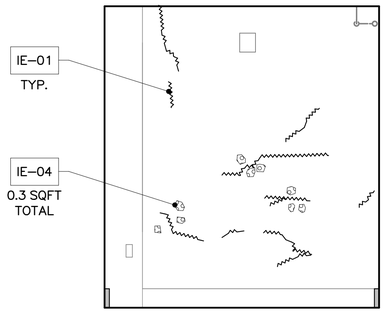
**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

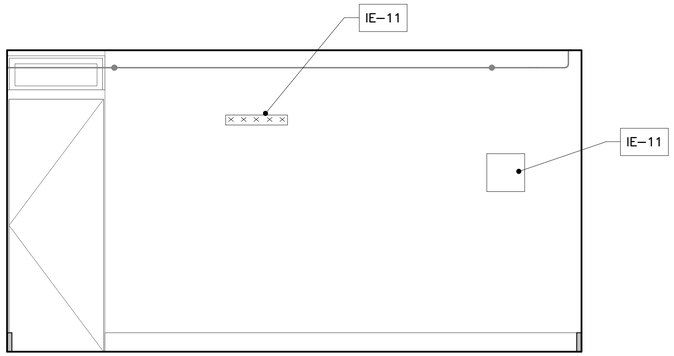
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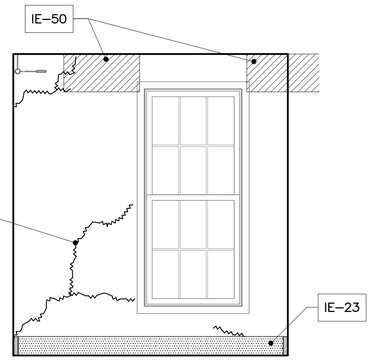
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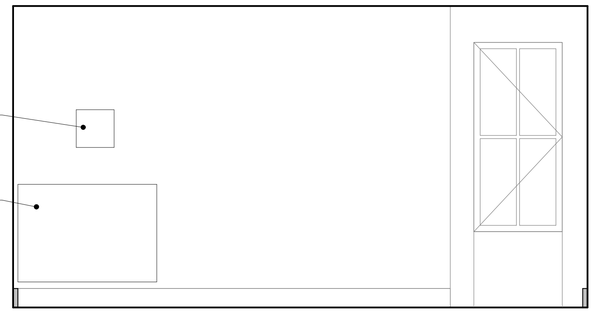

## 1 RM 109 - EAST
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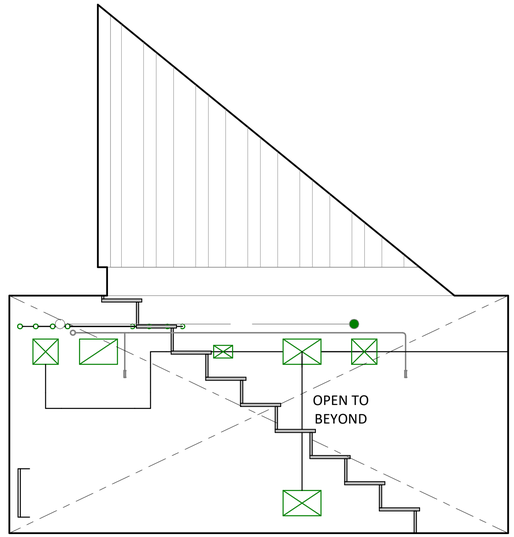

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SCALE: 1/2" = 1'-0"



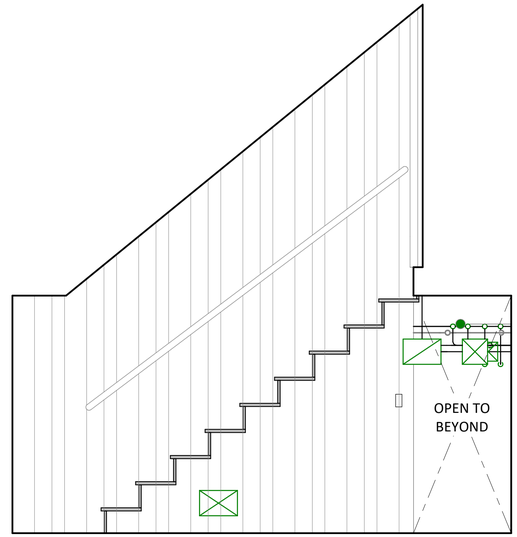

## 3 RM 109 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 109 - NORTH
SCALE: 1/2" = 1'-0"




## 5 SMALL BASEMENT STAIR - SOUTH
SCALE: 1/2" = 1'-0"




## 6 SMALL BASEMENT STAIR - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
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- EFFORESCENCE/ WATER DAMAGE
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- FLAKING PAINT
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- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
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## GENERAL REPAIR NOTES

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2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
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- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
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- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
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- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
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- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

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- WALL REGISTER

**FIRE PROTECTION**
- SD SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

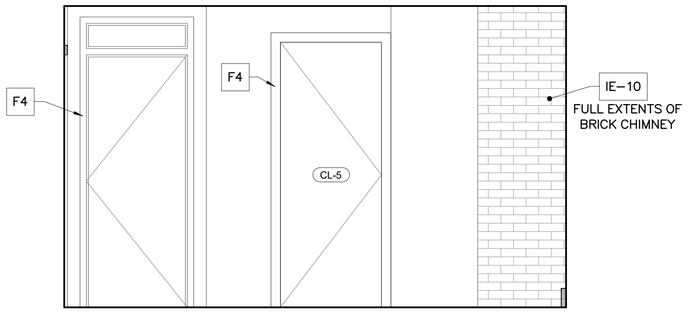
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| SUB SHEET NO. | A–7.09 |

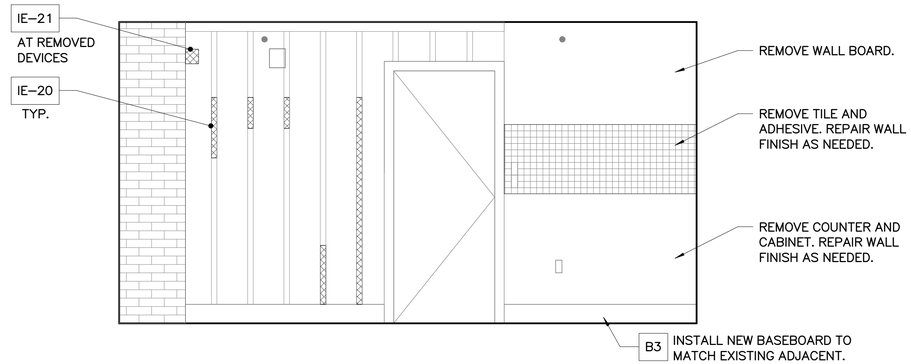
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

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| PMIS/PKG NO. | 312325 |
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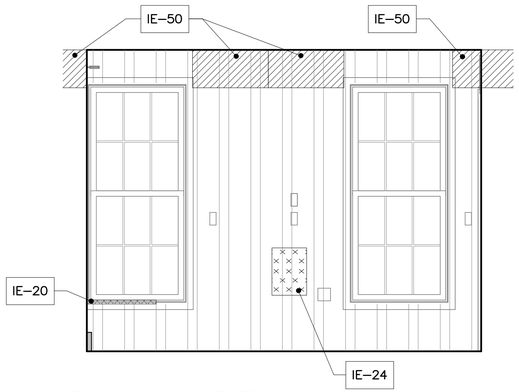
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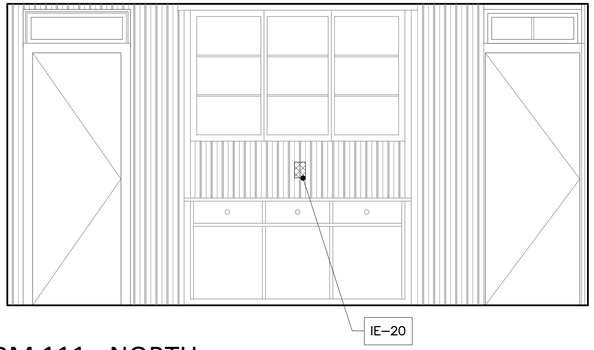

## 1 RM 111 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 111 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 111 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 111 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

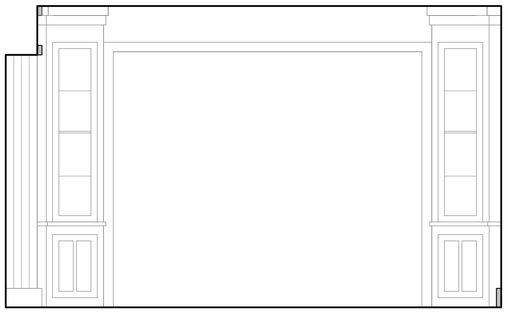
**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

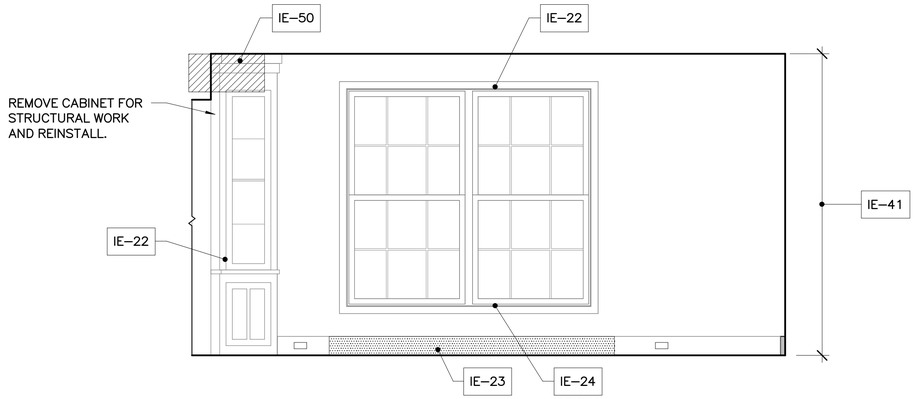
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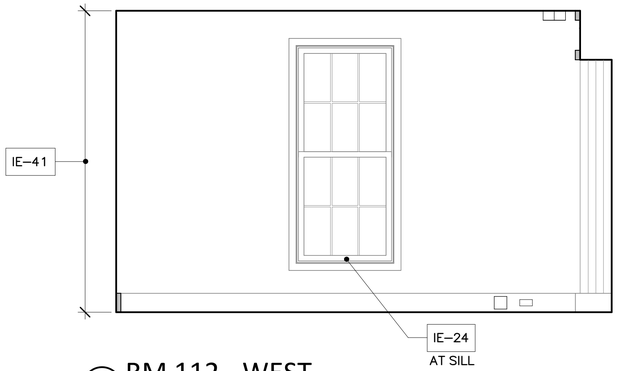
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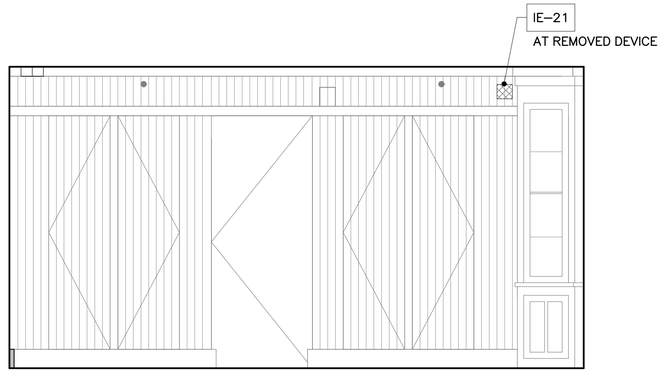
## 1 RM 112 - EAST
SCALE: 1/2" = 1'-0"




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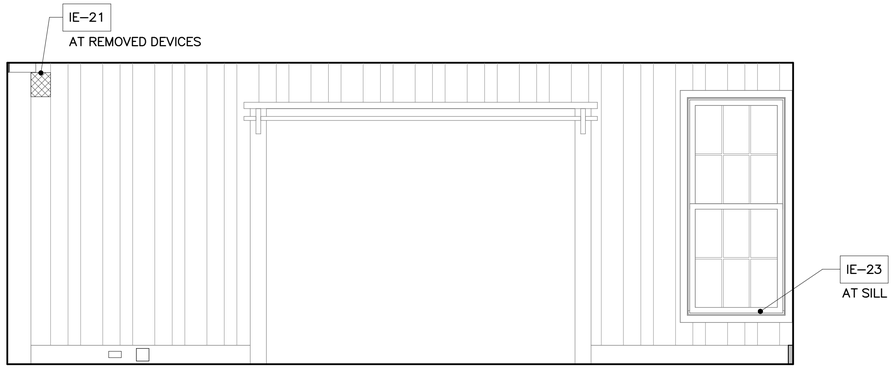
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**LIGHTING**

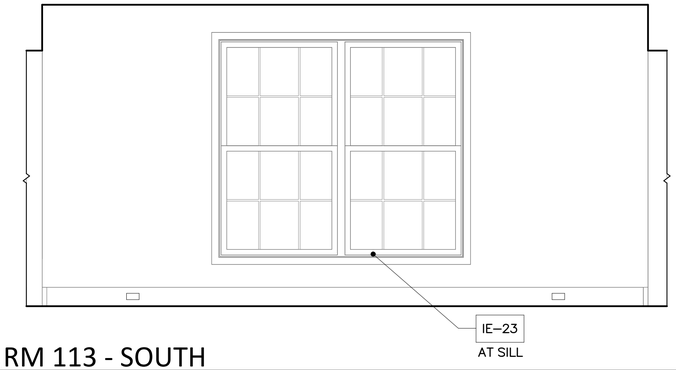
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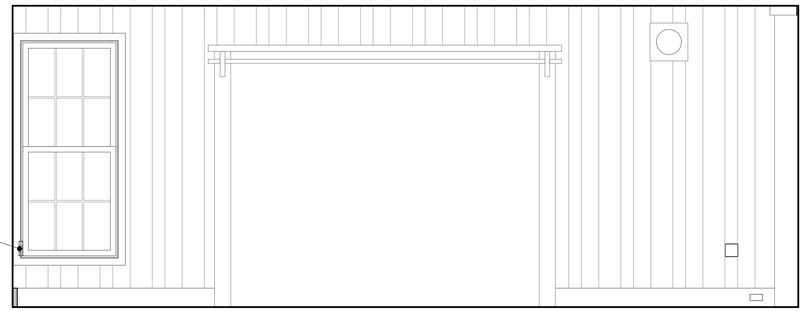
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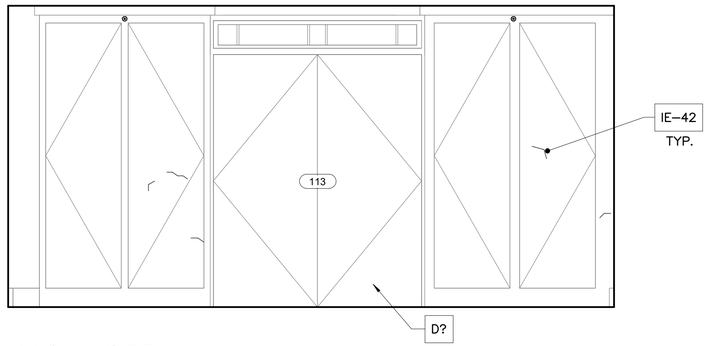

1 RM 113 - EAST
SCALE: 1/2" = 1'-0"




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- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
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- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
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- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- (SD) SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

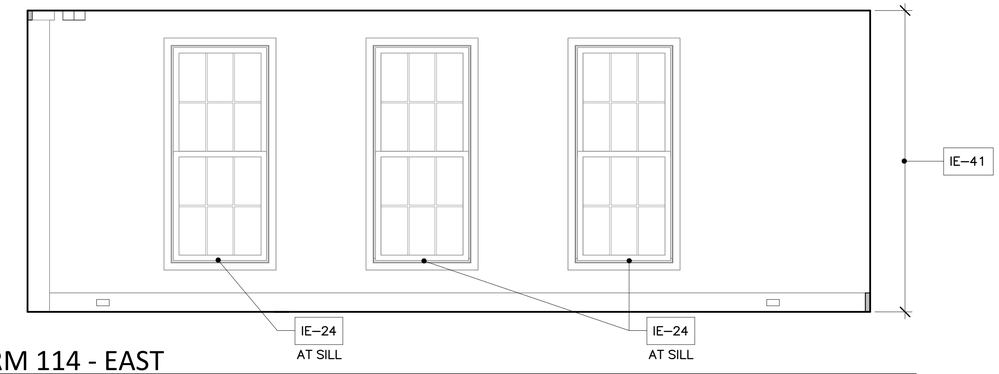
**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

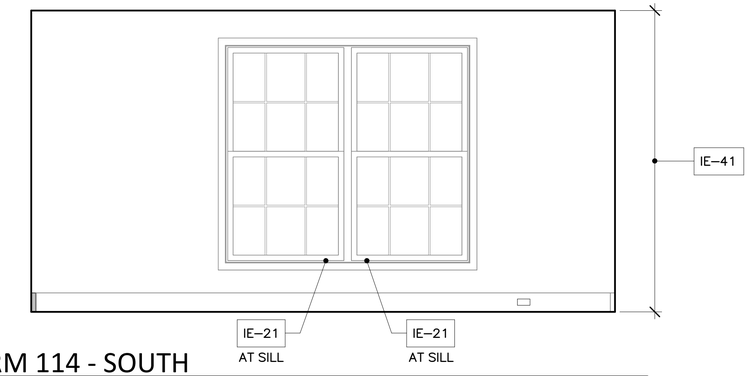
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SCALE OF FEET

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| DRAWN: SS, AW, CB | A–7.12 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

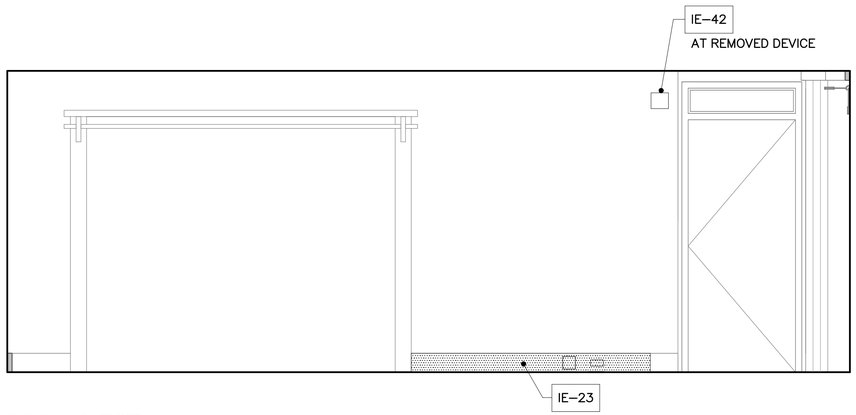
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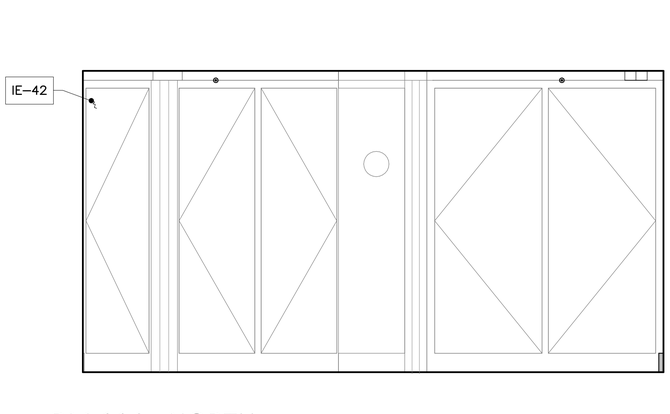

## 1 RM 114 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 114 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 114 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 114 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
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   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

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- WALL REGISTER

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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

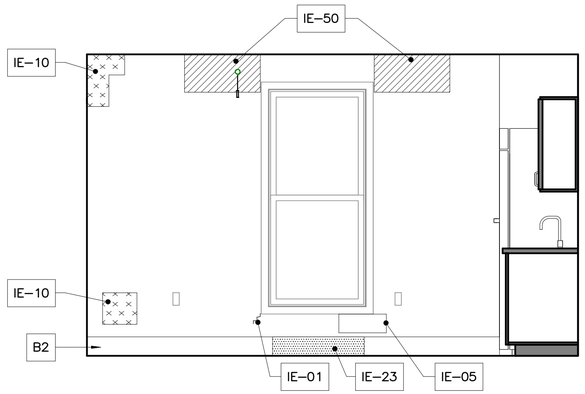
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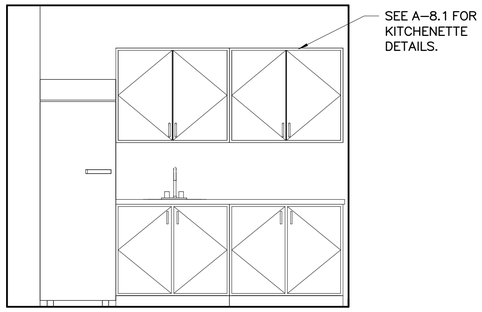
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

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| DRAWING NO. | 895 179603 |
| PMIS/PKG NO. | 312325 |
| SHEET | ___ OF X |

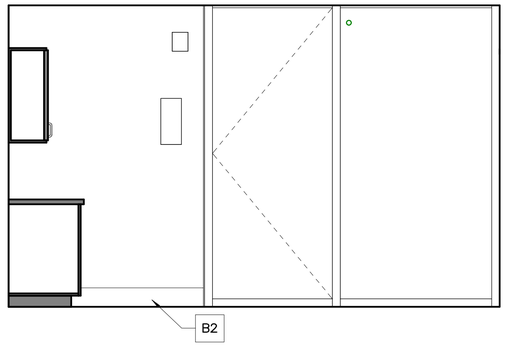
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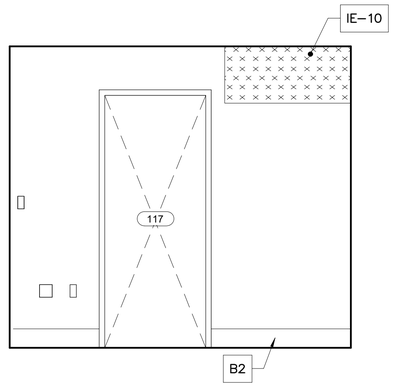

1 RM 116 - EAST
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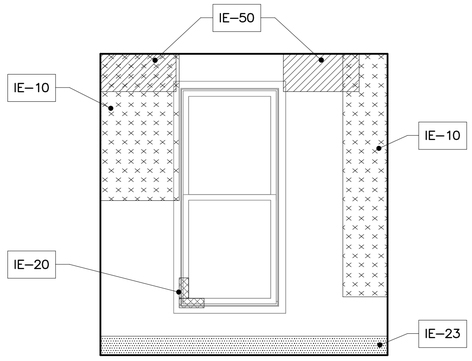

2 RM 116 - SOUTH
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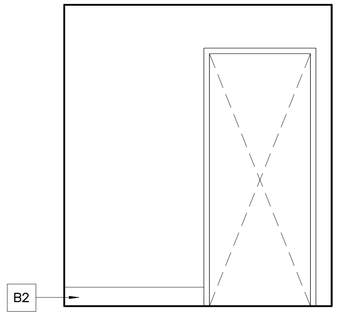

3 RM 116 - WEST
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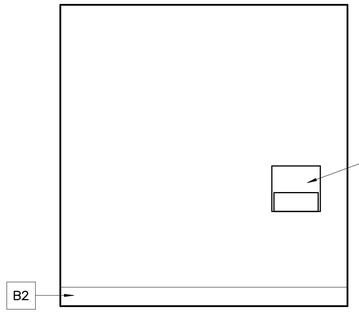

4 RM 116 - NORTH
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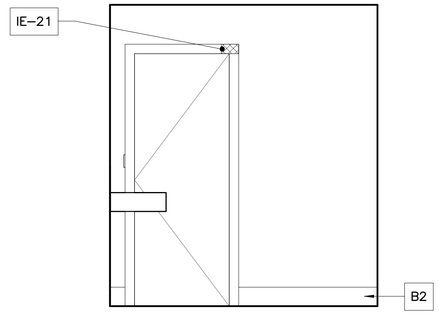

6 RM 117 - EAST
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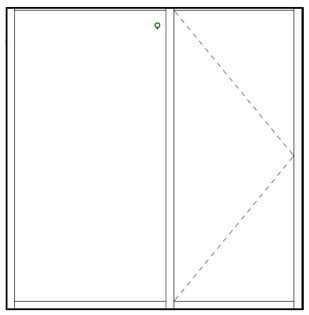

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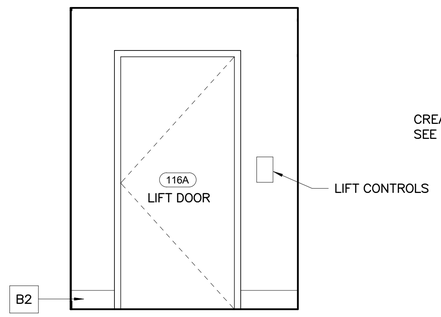

5 RM 117 - WEST
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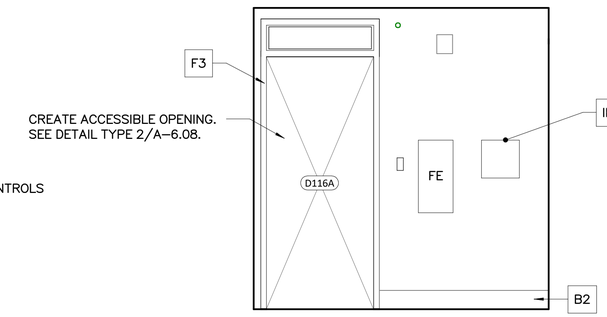

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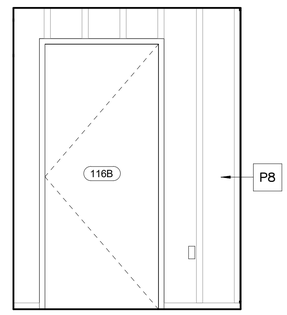
9 RM 116A - EAST
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10 RM 116A - SOUTH
SCALE: 1/2" = 1'-0"



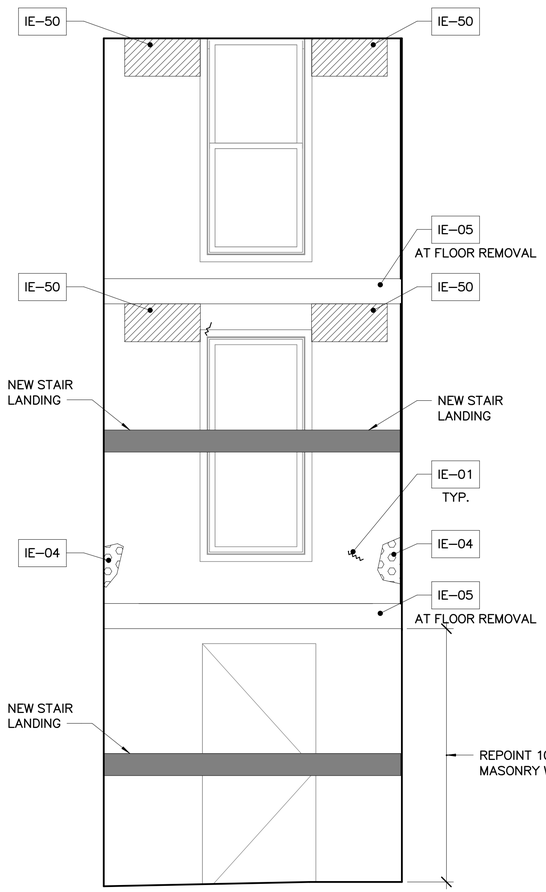

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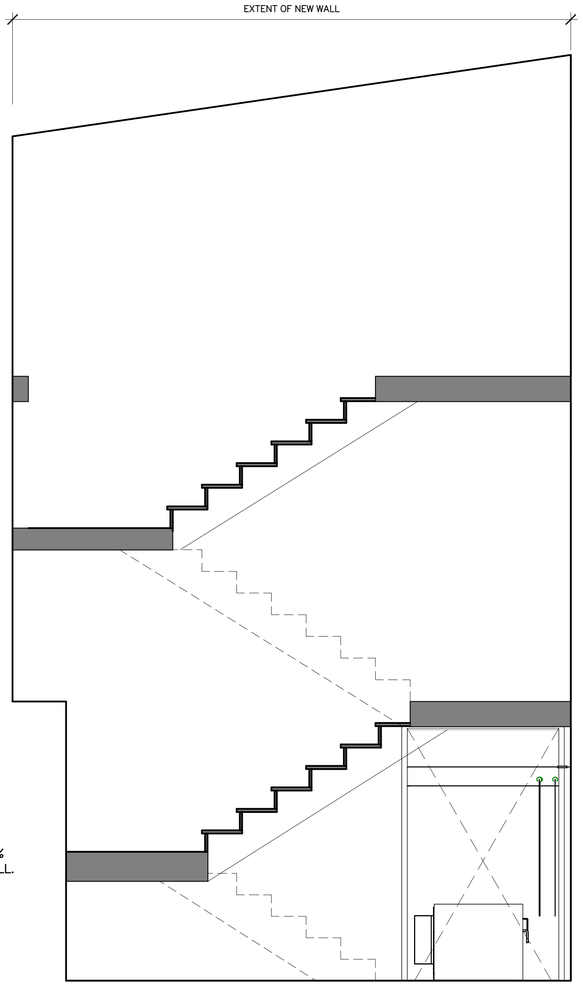

12 RM 116A - NORTH
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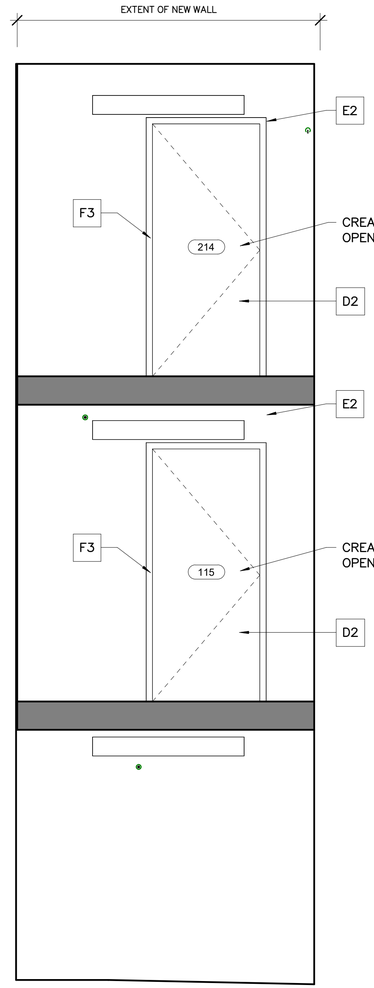
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| TECH. REVIEW: MJM, MS | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |



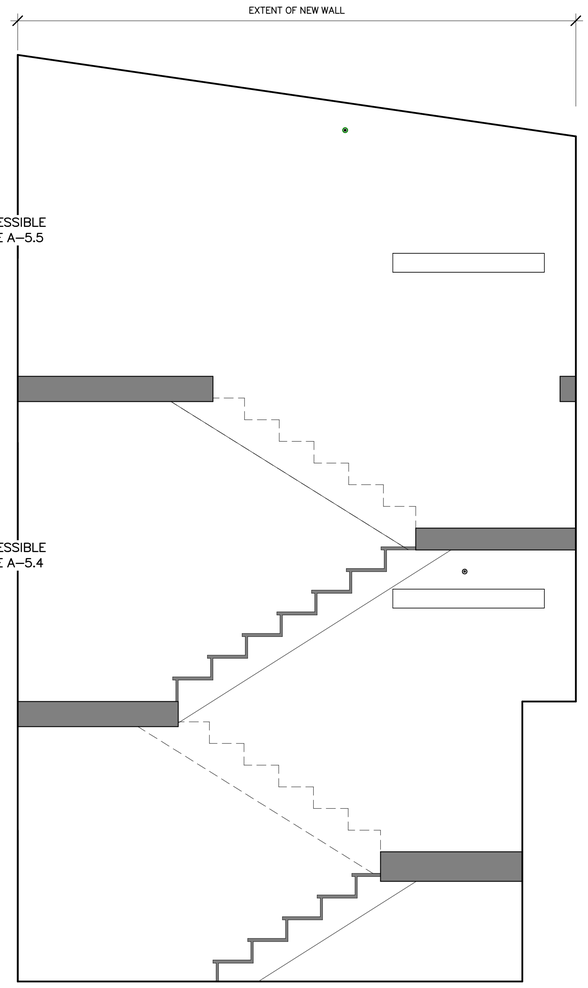

1 EGRESS STAIR 115 - EAST
SCALE: 1/2" = 1'-0"




2 EGRESS STAIR 115 - SOUTH
SCALE: 1/2" = 1'-0"




3 EGRESS STAIR 115 - WEST
SCALE: 1/2" = 1'-0"




4 EGRESS STAIR 115 - NORTH
SCALE: 1/2" = 1'-0"

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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

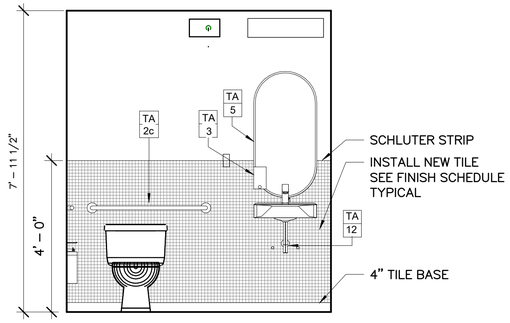
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

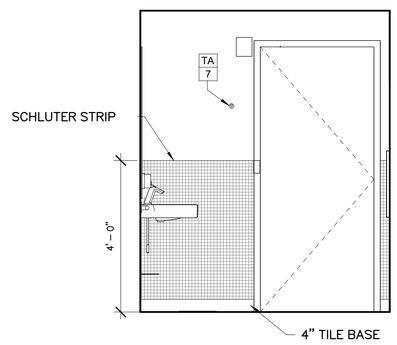
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| CADD: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

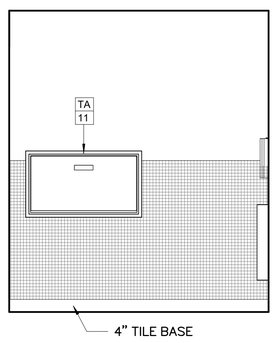
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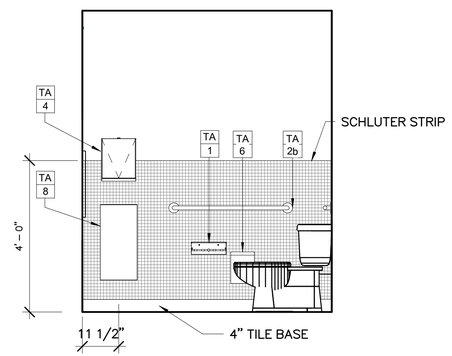

## 1 RM 116B - EAST
SCALE: 1/2" = 1'-0"



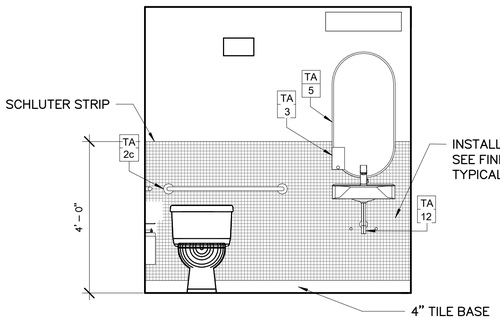

## 2 RM 116B - SOUTH
SCALE: 1/2" = 1'-0"



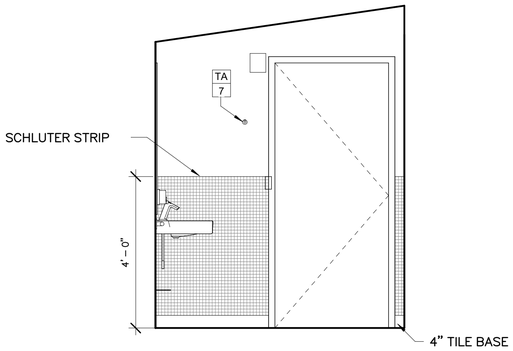

## 3 RM 116B - WEST
SCALE: 1/2" = 1'-0"



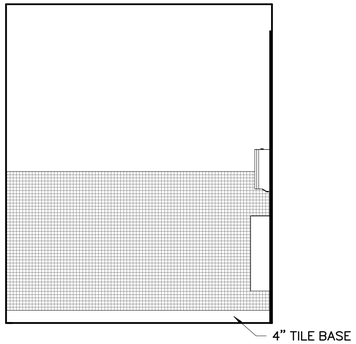

## 4 RM 116B - NORTH
SCALE: 1/2" = 1'-0"



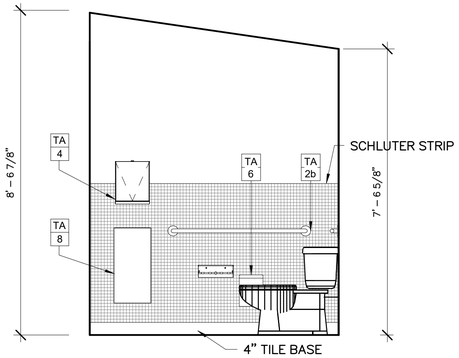

## 5 RM 215B EAST
SCALE: 1/2" = 1'-0"




## 6 RM 215B - SOUTH
SCALE: 1/2" = 1'-0"




## 7 RM 215B - WEST
SCALE: 1/2" = 1'-0"




## 8 RM 215B - NORTH
SCALE: 1/2" = 1'-0"

## TOILET ACCESSORY KEY

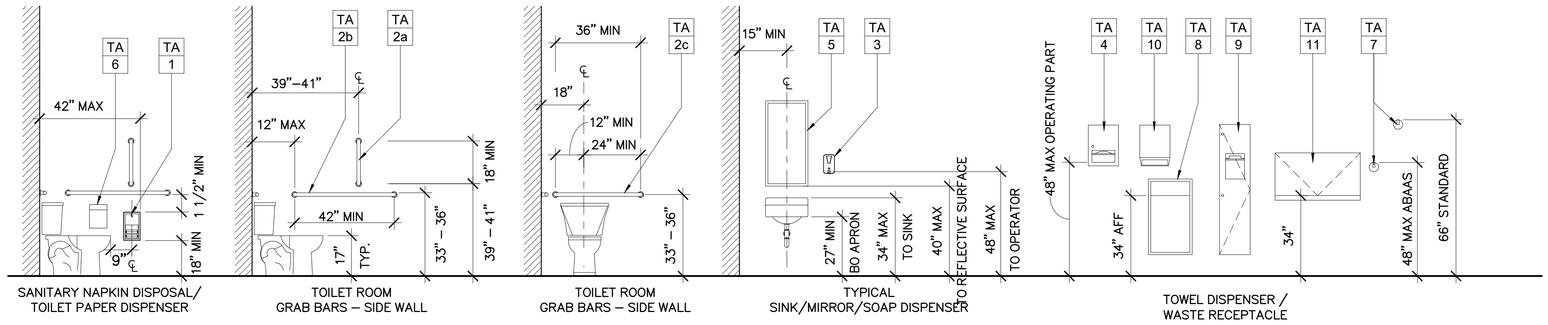
TA — TOILET ACCESSORY
1t — NUMBER

| TA NUMBER | DESCRIPTION | REMARK |
|---|---|---|
| TA–1 | TOILET PAPER DISPENSER | |
| TA–2a | 18" TALL VERTICAL GRAB BAR | |
| TA–2b | 42" LONG SIDE GRAB BAR | |
| TA–2c | 36" LONG SIDE GRAB BAR | |
| TA–3 | LIQUID SOAP DISPENSER | |
| TA–4 | PAPER TOWEL DISPENSER | |
| TA–5 | 18"x36" MIRROR | |
| TA–6 | SANITARY NAPKIN DISPOSAL | |
| TA–7 | COAT HOOK | |
| TA–8 | SEMI–RECESSED WASTE RECEPTACLE | |
| TA–9 | PAPER TOWEL/ WASTE RECEPTACLE | |
| TA–10 | WARM AIR DRYER | |
| TA–11 | BABY CHANGING STATION | |
| TA–12 | PIPE PROTECTION OR GUARDS | |

NOTES

1. SEE TYPICAL MOUNTING HEIGHTS AND INTERIOR ELEVATIONS FOR MORE INFORMATION.
2. ALL EXPOSED PIPES IN ACCESSIBLE TOILET ROOMS SHALL BE PROTECTED WITH ADA COMPLIANT PIPE JACKETS.

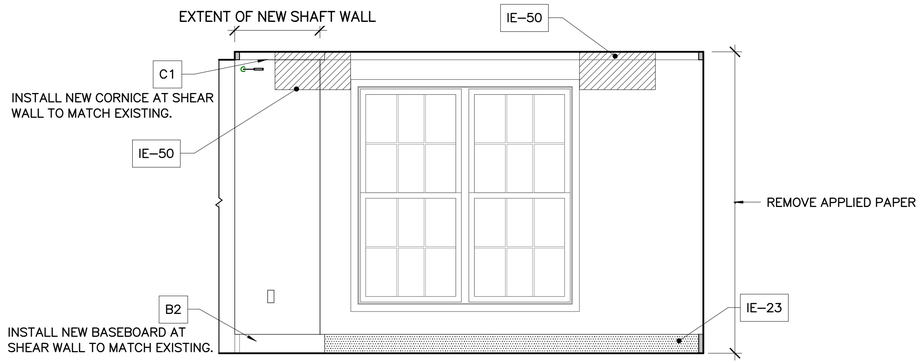
## BATHROOM FIXTURE MOUNTING HEIGHTS



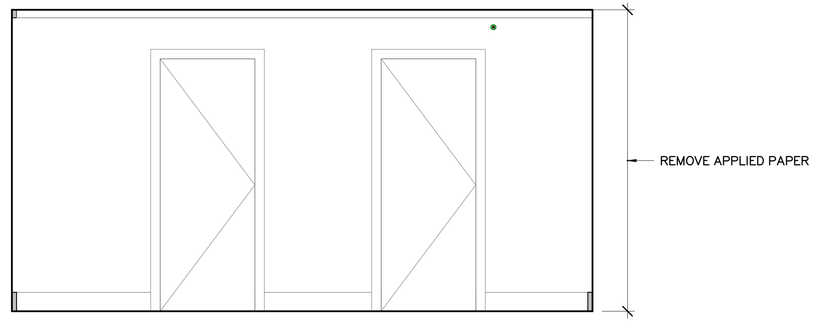

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SCALE OF FEET

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| DRAWN: SS, AW, CB | A-7.15 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

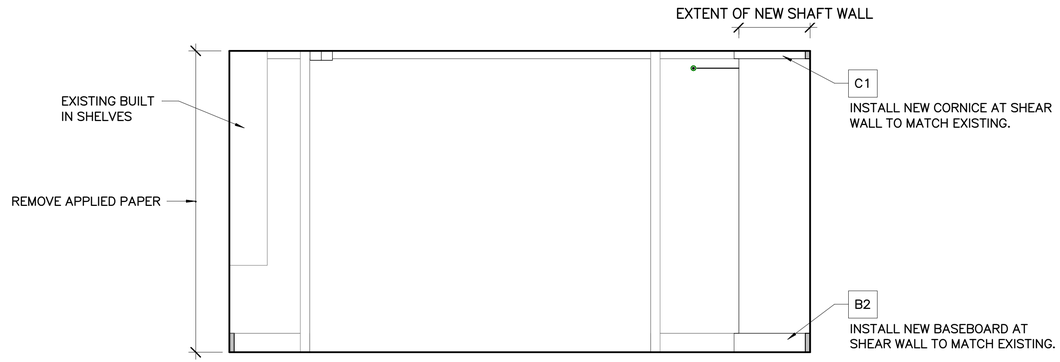
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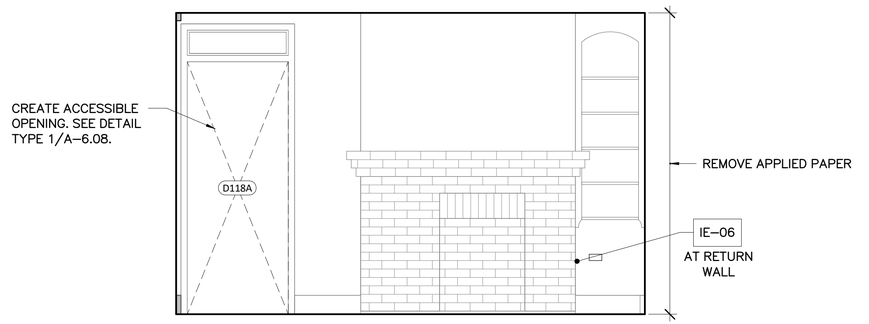

## 1 RM 118 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 118 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 118 - NORTH
SCALE: 1/2" = 1'-0"




## 4 RM 118 - WEST
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- (SD) SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

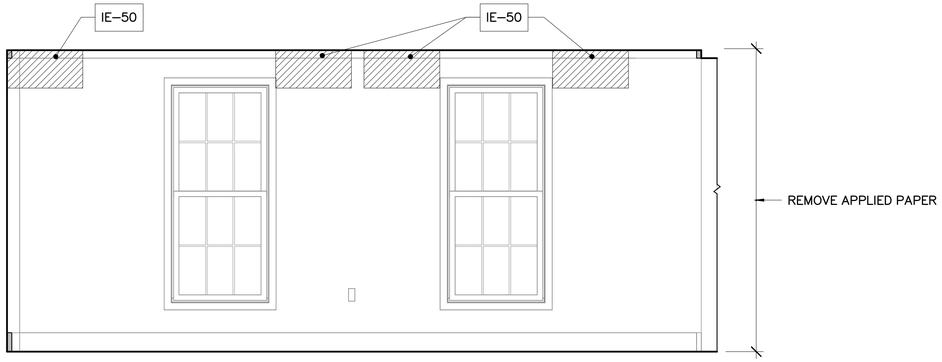
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SCALE OF FEET

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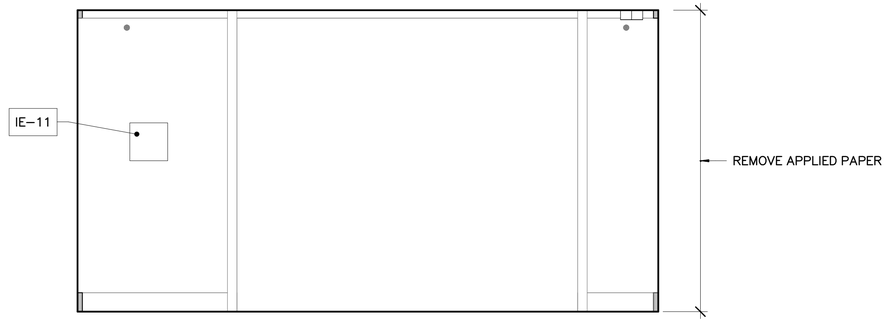
TITLE OF SHEET
# INTERIOR ELEVATIONS – RM 118
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

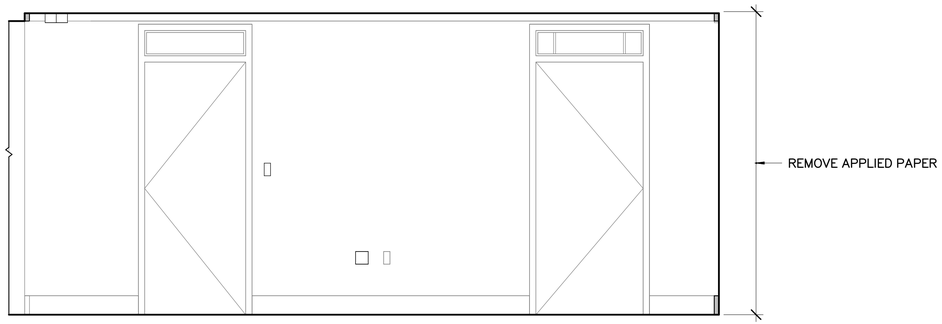
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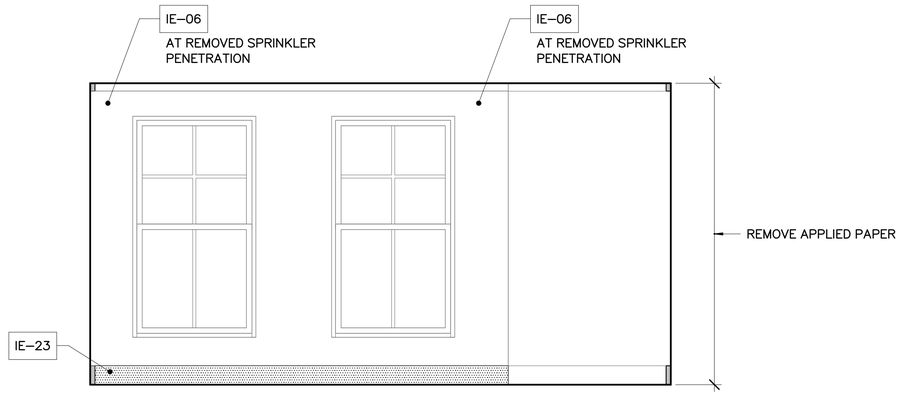

## 1 RM 119 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 119 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 119 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 119 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
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   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
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   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
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- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
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## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- (SD) SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

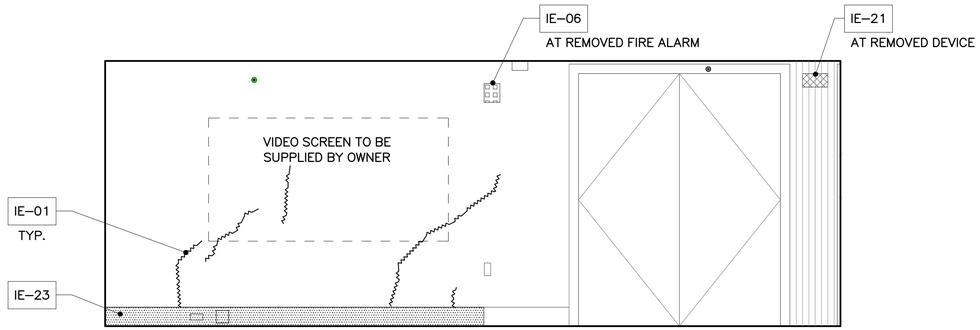
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SCALE OF FEET

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|---|---|
| DESIGNED: JA | SUB SHEET NO. A-7.17 |
| CADD: SS, AW, CB | |
| TECH. REVIEW: MJM, MS | |
| DATE: 1/10/2025 | |

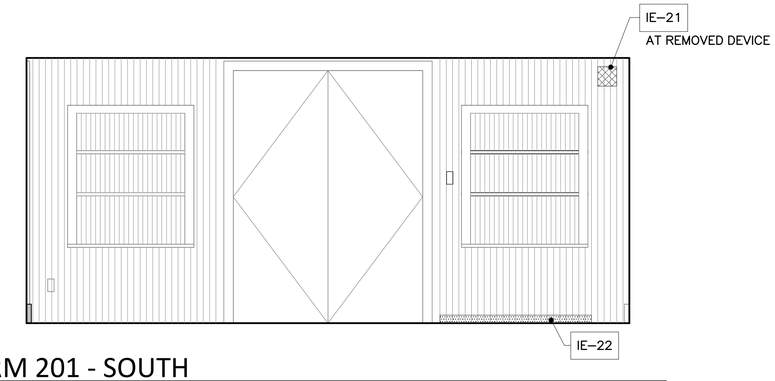
TITLE OF SHEET
# INTERIOR ELEVATIONS – RM 119
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

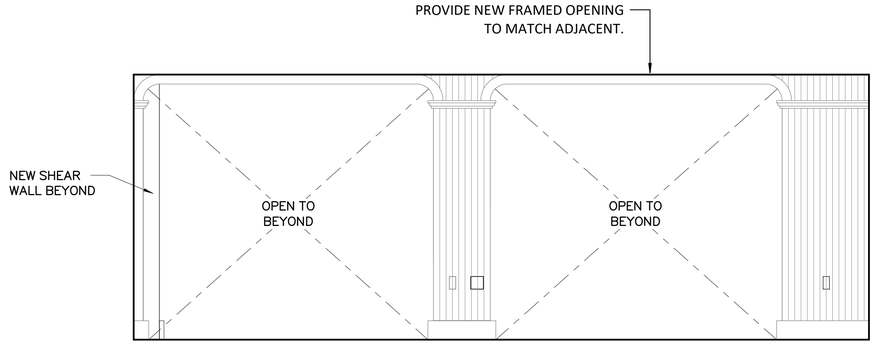
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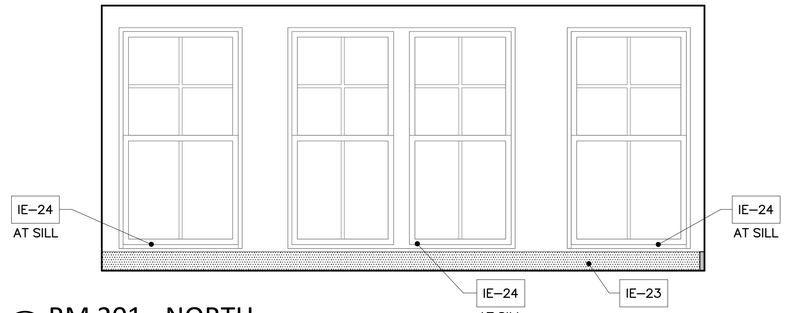

## 1 RM 201 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 201 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 201 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 201 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
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   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.

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IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.

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IE–06 PLASTER PATCH OTHER.

IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.

IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.

IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.

IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.

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IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.

IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.

IE–30 FIBERBOARD PATCH.

IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.

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IE–42 REPAIR TEARS AND HOLES IN MUSLIN.

IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

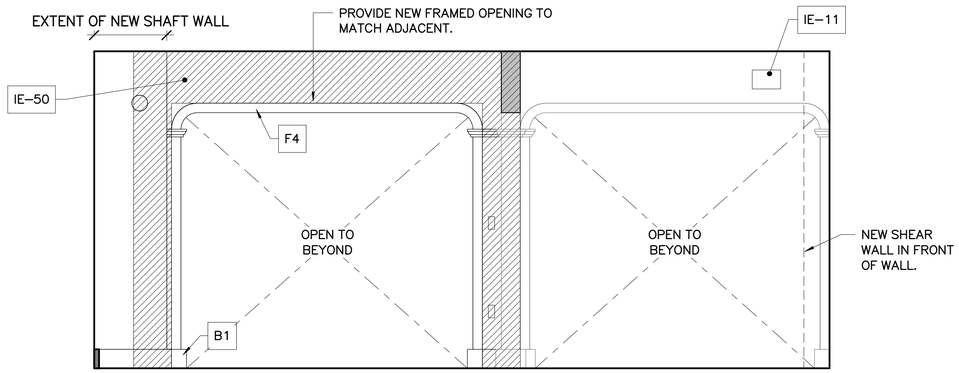
**FIRE PROTECTION**
- SD SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

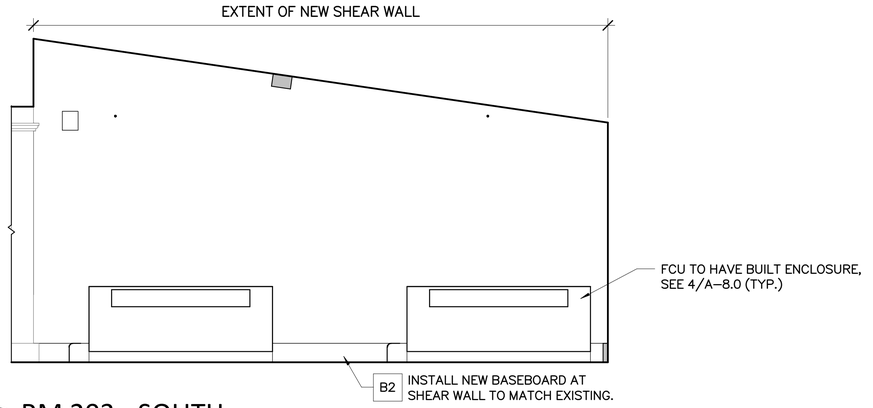
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| TECH. REVIEW: MJM, MS | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE |
| DATE: 1/10/2025 | DRAWING NO. 895 179603 |
| | PMIS/PKG NO. 312325 |
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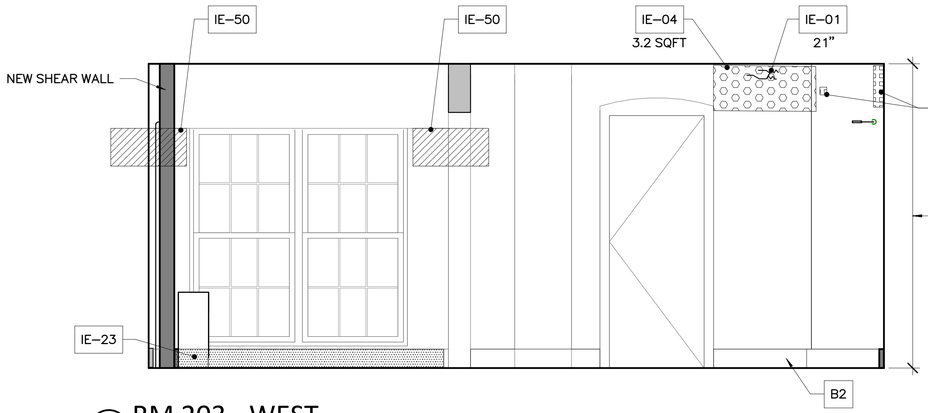
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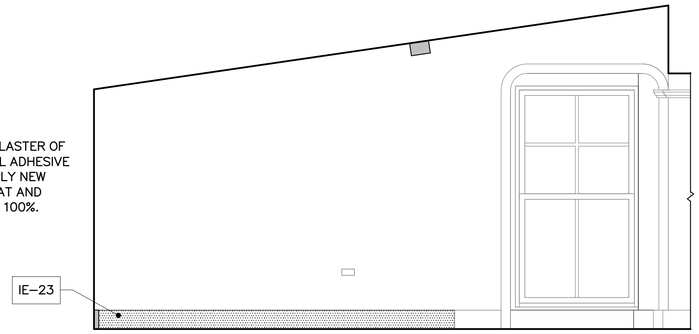

## 1 RM 203 - EAST
SCALE: 1/2" = 1'-0"



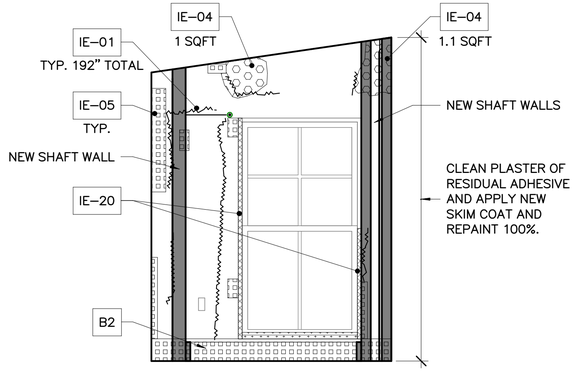

## 2 RM 203 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 203 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 203 - NORTH
SCALE: 1/2" = 1'-0"




## 5 RM 203A - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 — TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

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- SD — SMOKE DETECTOR – WALL MOUNTED
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- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

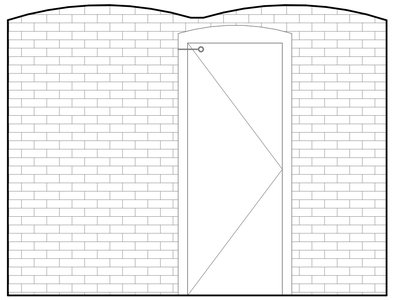
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

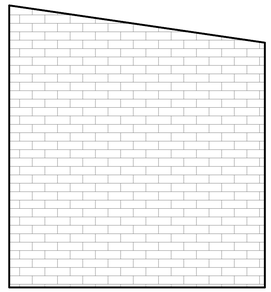
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SCALE OF FEET

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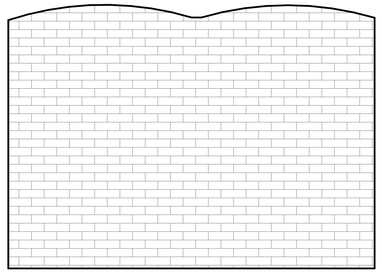
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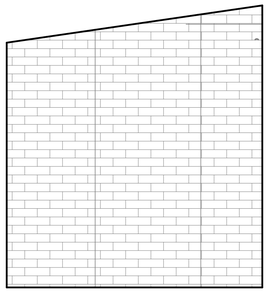
5 RM 204 - EAST
SCALE: 1/2" = 1'-0"



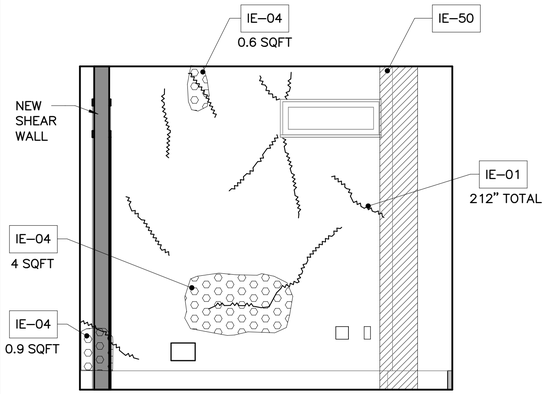
6 RM 204 - SOUTH
SCALE: 1/2" = 1'-0"



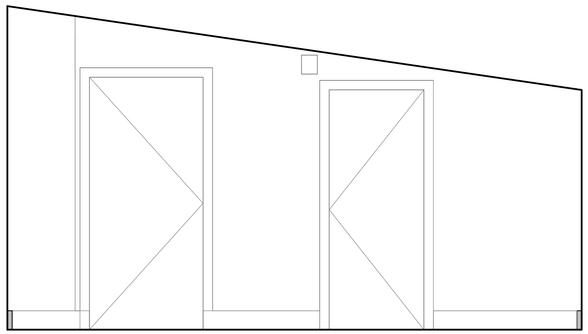
7 RM 204 - WEST
SCALE: 1/2" = 1'-0"



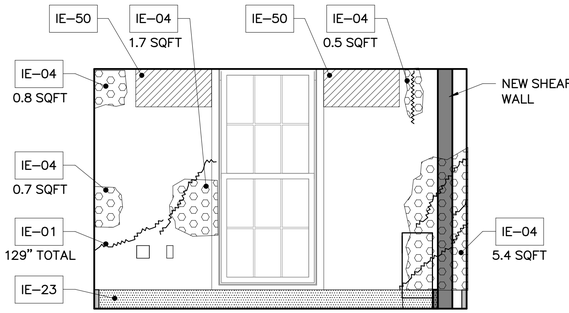
8 RM 204 - NORTH
SCALE: 1/2" = 1'-0"



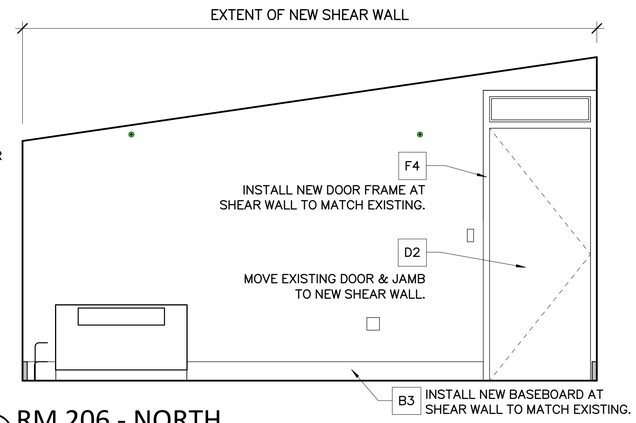

1 RM 206 - EAST
SCALE: 1/2" = 1'-0"



2 RM 206 - SOUTH
SCALE: 1/2" = 1'-0"




3 RM 206 - WEST
SCALE: 1/2" = 1'-0"




4 RM 206 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

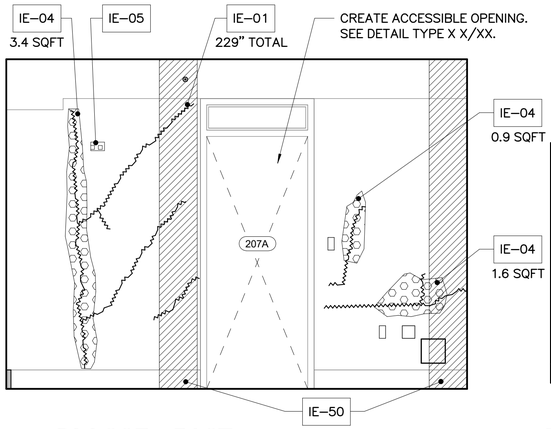
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

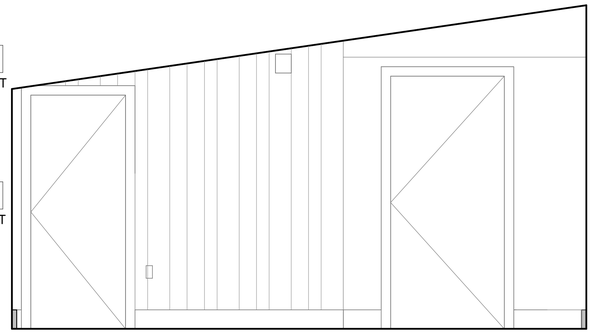
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| DRAWN: SS, AW, CB | A-7.20 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
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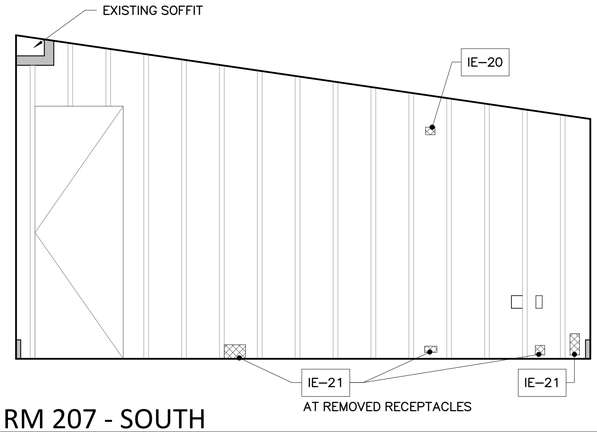
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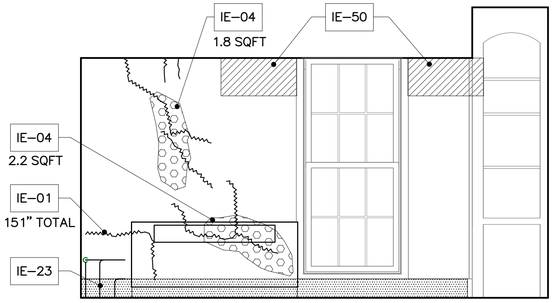

## 1 RM 207 - EAST
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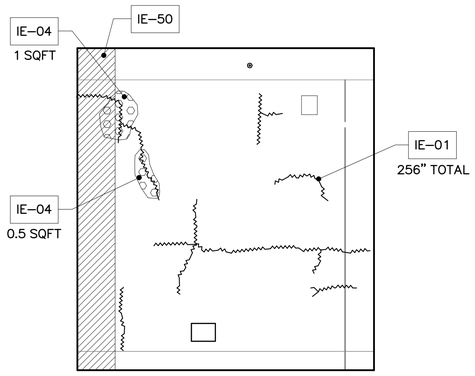

## 2 RM 207 - NORTH
SCALE: 1/2" = 1'-0"



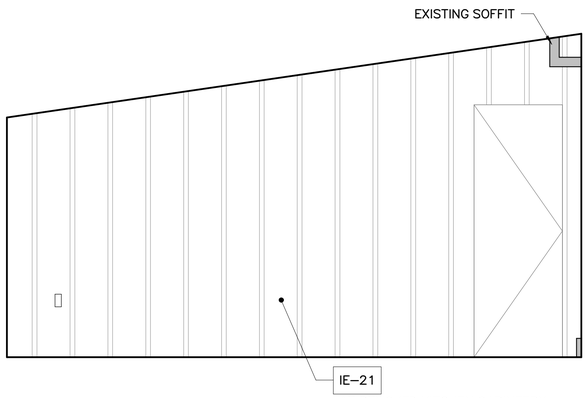

## 3 RM 207 - SOUTH
SCALE: 1/2" = 1'-0"



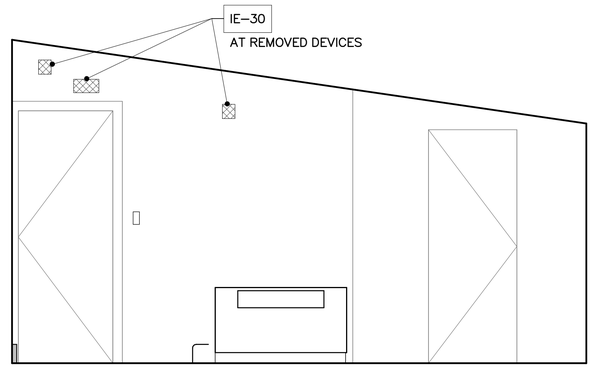

## 4 RM 207 - WEST
SCALE: 1/2" = 1'-0"



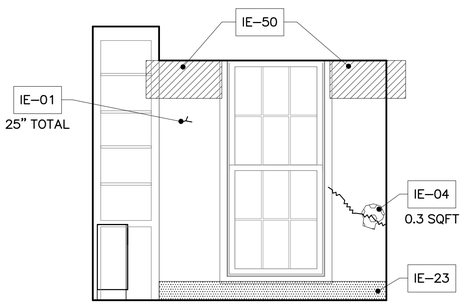

## 5 RM 208 - EAST
SCALE: 1/2" = 1'-0"




## 6 RM 208 - NORTH
SCALE: 1/2" = 1'-0"




## 7 RM 208 - SOUTH
SCALE: 1/2" = 1'-0"




## 8 RM 208 - WEST
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

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- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
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- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

2 0 2 4
SCALE OF FEET

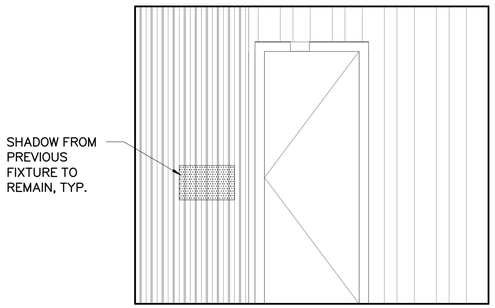
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| DESIGNED: | JA |
| DRAWN: | SS, AW, CB |
| TECH. REVIEW: | MJM, MS |
| DATE: | 1/10/2025 |

SUB SHEET NO. A-7.21

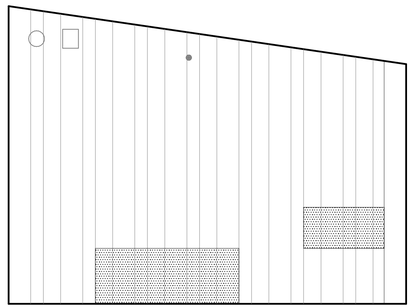
TITLE OF SHEET
# INTERIOR ELEVATIONS – RM 207 & 208
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

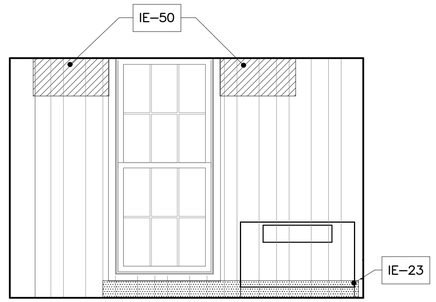
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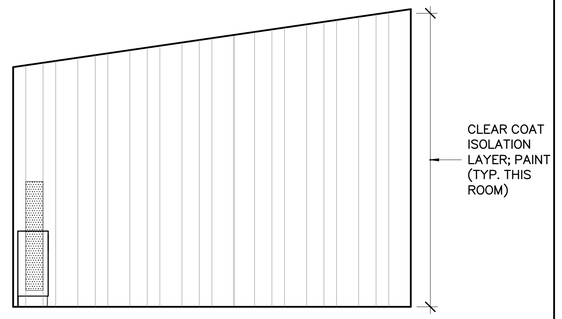

5 RM 209 - EAST
SCALE: 1/2" = 1'-0"



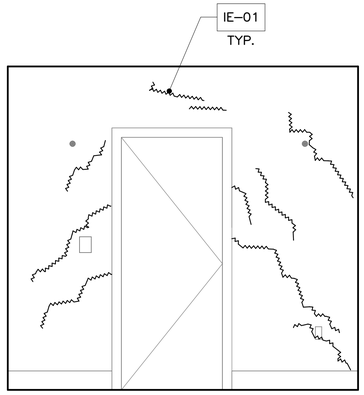
6 RM 209 - SOUTH
SCALE: 1/2" = 1'-0"



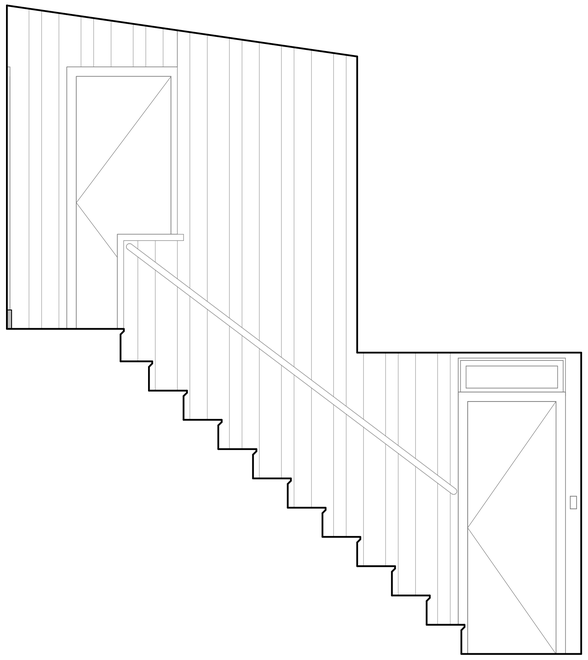

7 RM 209 - WEST
SCALE: 1/2" = 1'-0"



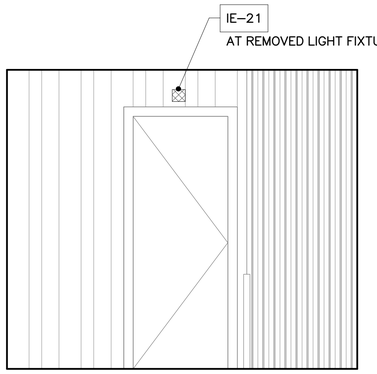

8 RM 209 - NORTH
SCALE: 1/2" = 1'-0"



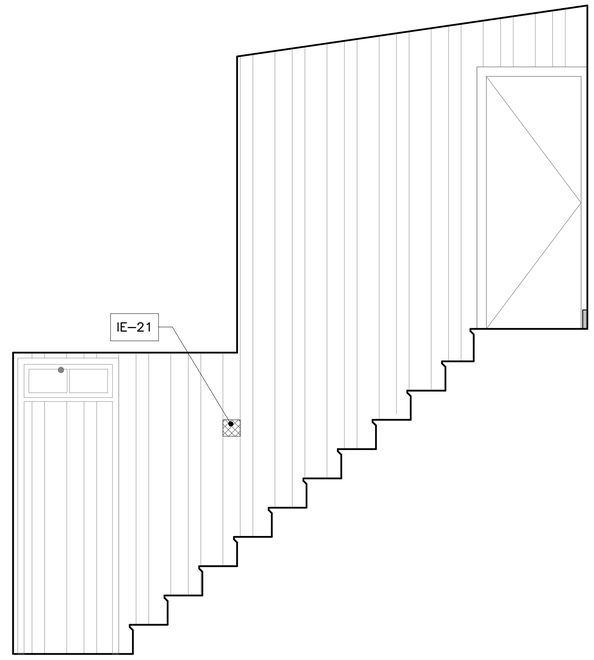

1 RM 210 - EAST
SCALE: 1/2" = 1'-0"



2 RM 210 - SOUTH
SCALE: 1/2" = 1'-0"



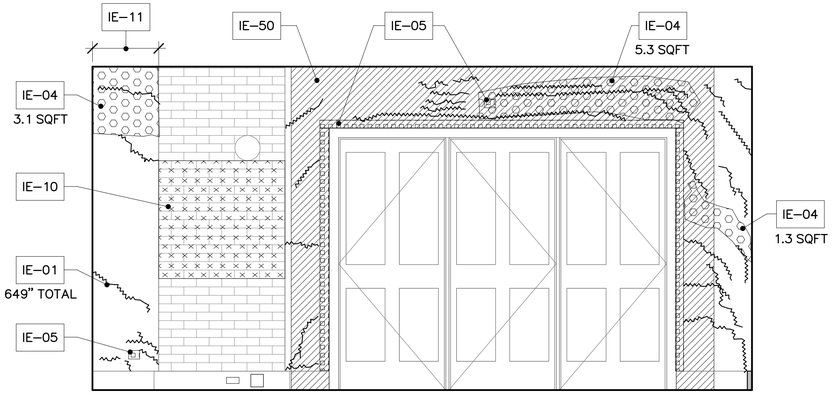

4 RM 210 - WEST
SCALE: 1/2" = 1'-0"



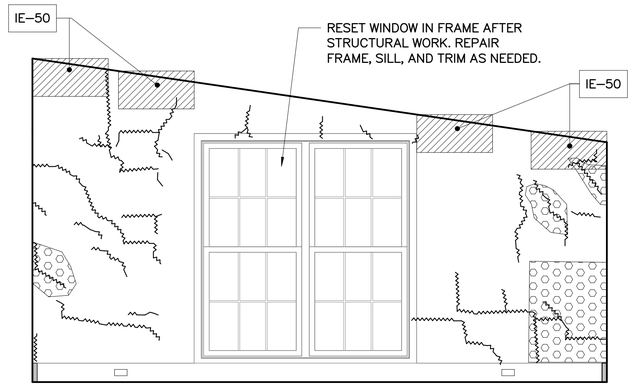

3 RM 210 - NORTH
SCALE: 1/2" = 1'-0"

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-7.22 | TITLE OF SHEET<br>INTERIOR ELEVATIONS – RM 209 & 210<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

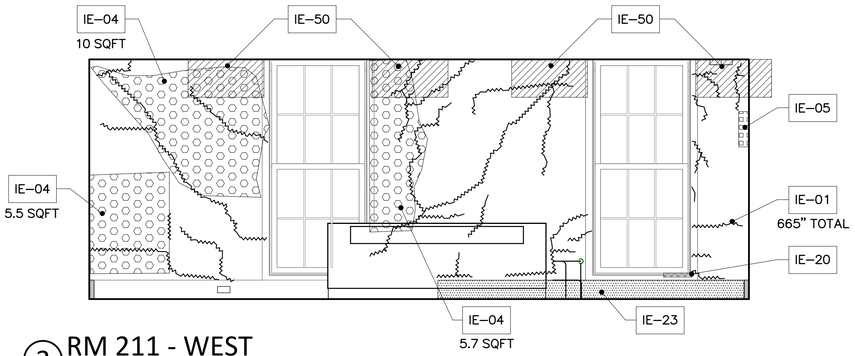
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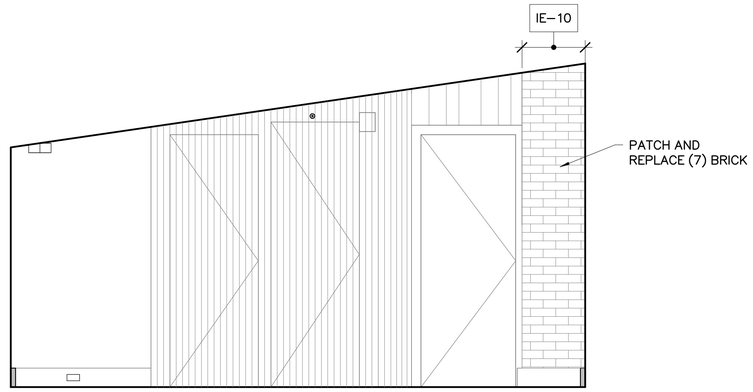

## 1 RM 211 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 211- SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 211 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 211 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

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   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
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## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
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**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

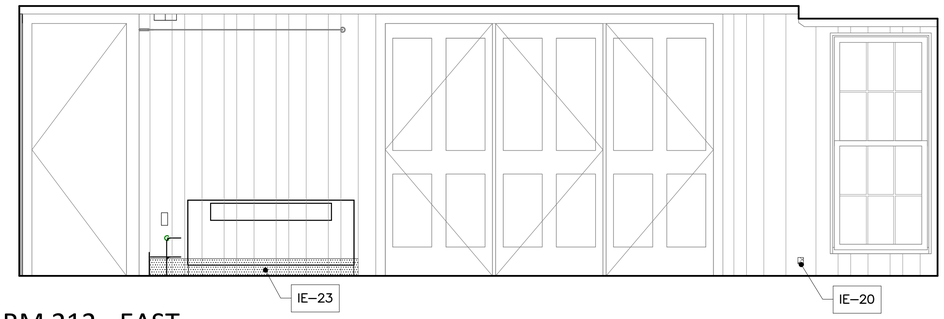
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

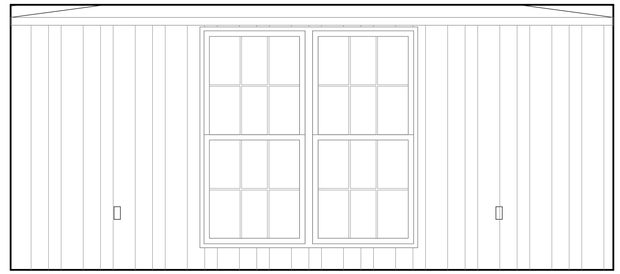
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SCALE OF FEET

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| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

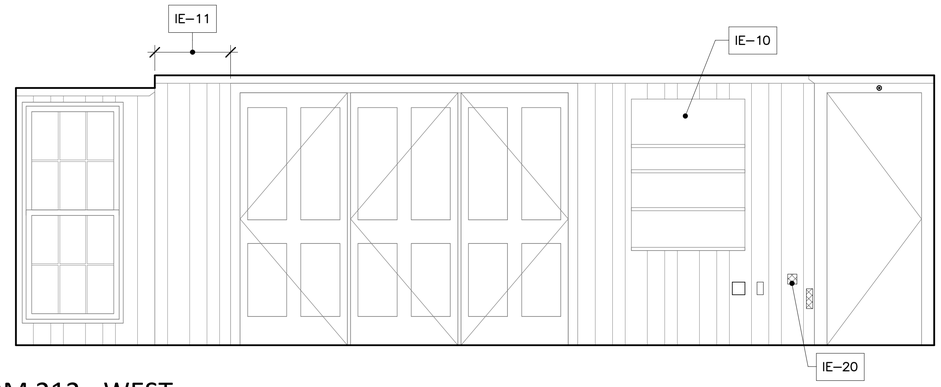
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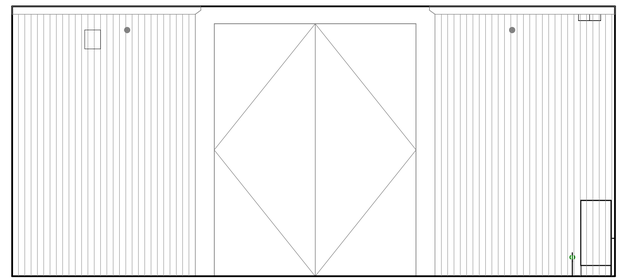

## 1 RM 212 - EAST
SCALE: 1/2" = 1'-0"



## 2 RM 212 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 212 - WEST
SCALE: 1/2" = 1'-0"



## 4 RM 212 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
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IE–06 PLASTER PATCH OTHER.

IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.

IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.

IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.

IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.

IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.

IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.

IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.

IE–30 FIBERBOARD PATCH.

IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.

IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.

IE–42 REPAIR TEARS AND HOLES IN MUSLIN.

IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

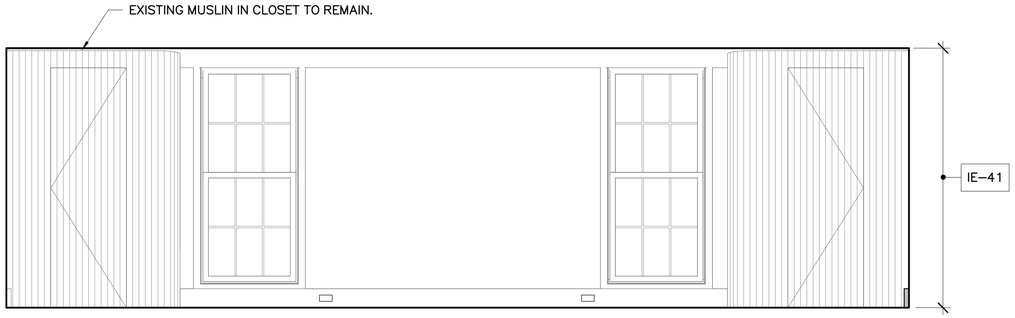
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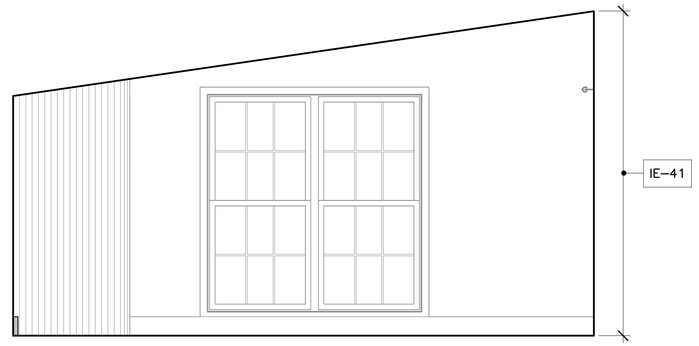
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

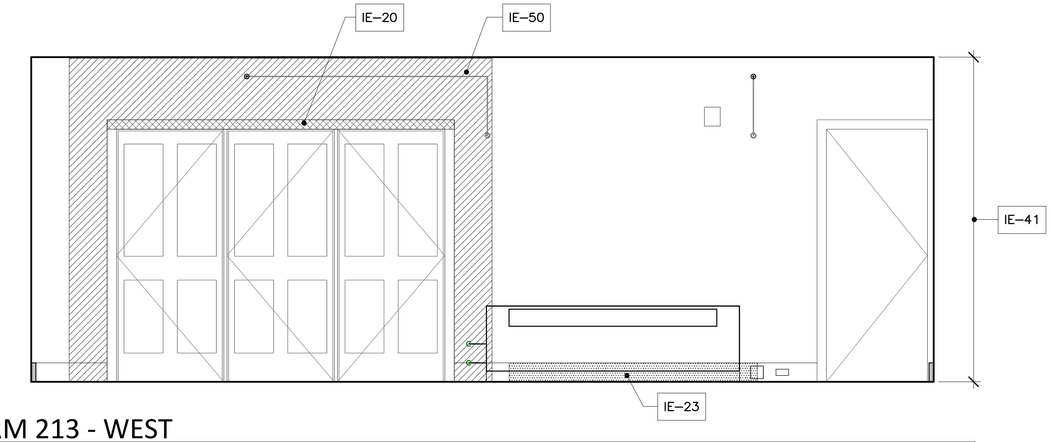
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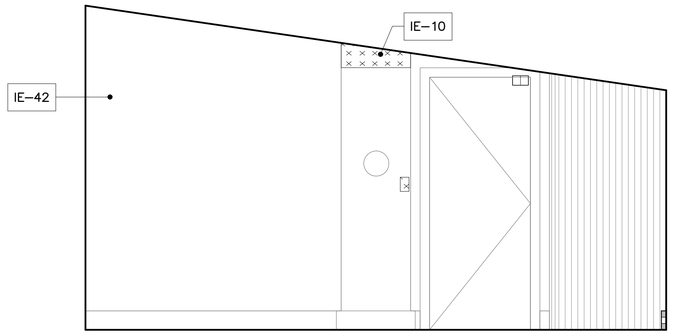

## 1 RM 213 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 213 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 213 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 213 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
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## DEVICES LEGEND

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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

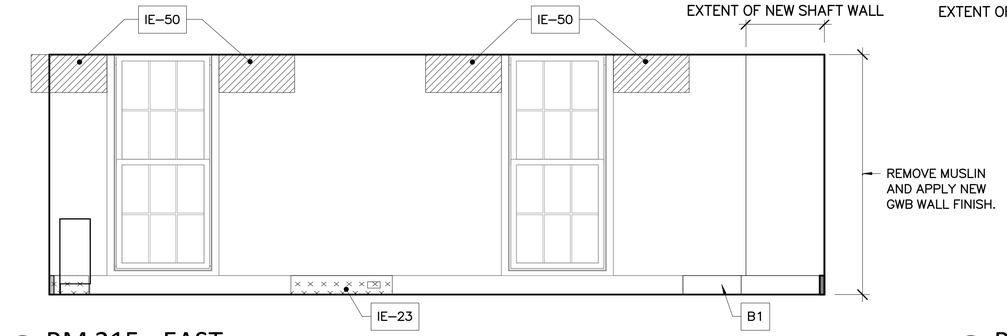
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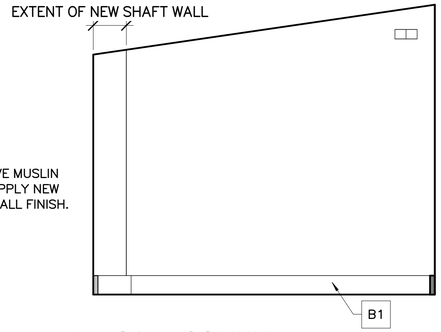
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# INTERIOR ELEVATIONS– RM 213
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

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PMIS/PKG NO. 312325
SHEET ___ OF X

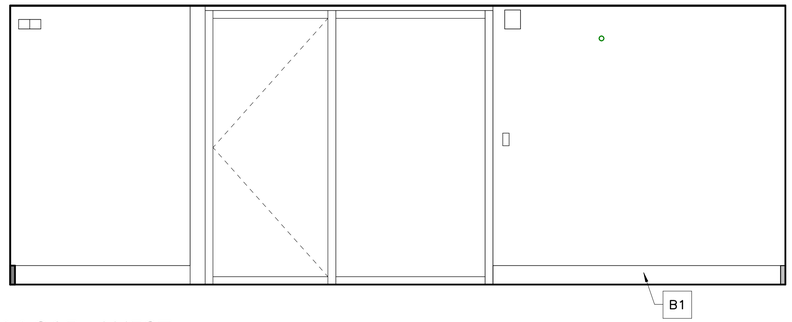
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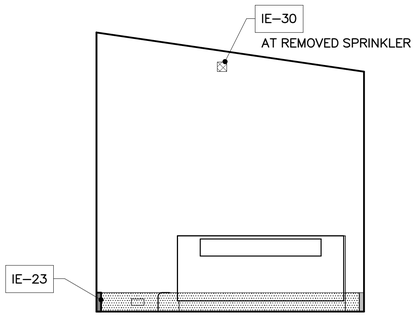

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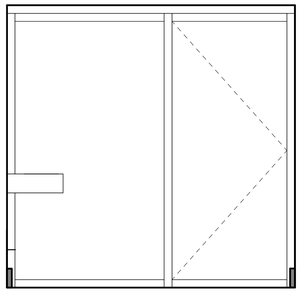

2 RM 215 - SOUTH
SCALE: 1/2" = 1'-0"



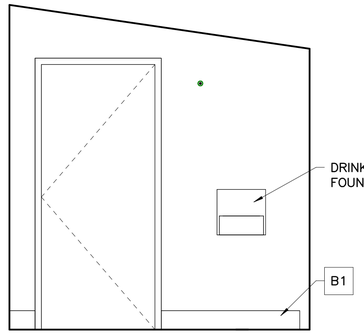

3 RM 215 - WEST
SCALE: 1/2" = 1'-0"



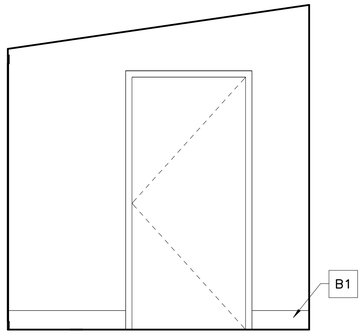

4 RM 215 - NORTH
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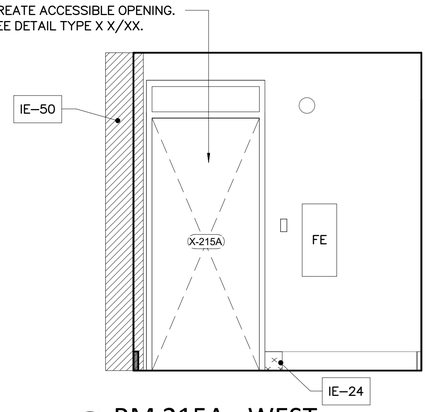
5 RM 215A - EAST
SCALE: 1/2" = 1'-0"




6 RM 215A - NORTH
SCALE: 1/2" = 1'-0"




7 RM 215A - SOUTH
SCALE: 1/2" = 1'-0"




8 RM 215A - WEST
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
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- EFFORESCENCE/ WATER DAMAGE
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## DEVICES LEGEND

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- RECEPTACLE
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**SECURITY**
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- CAMERA

**LIGHTING**

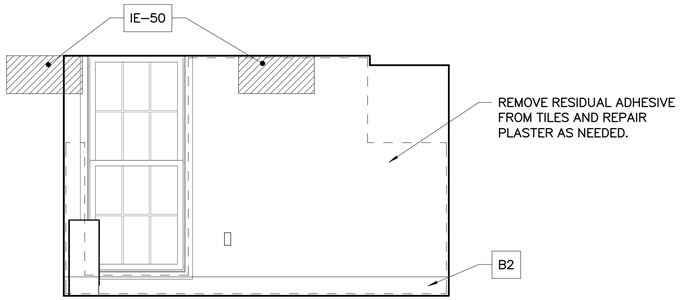
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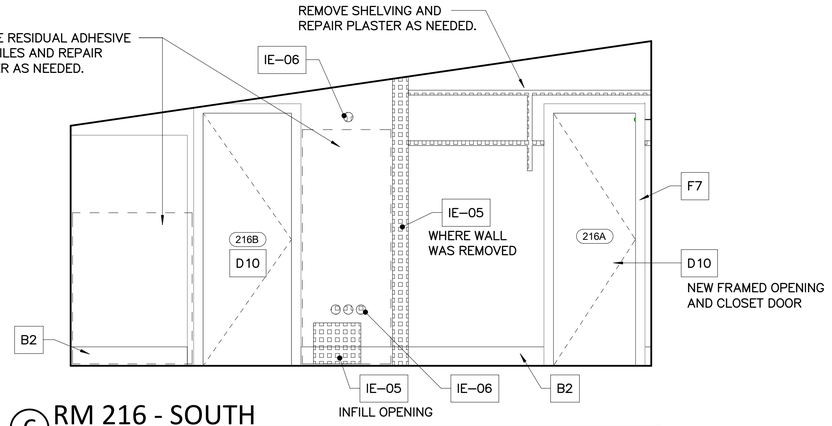
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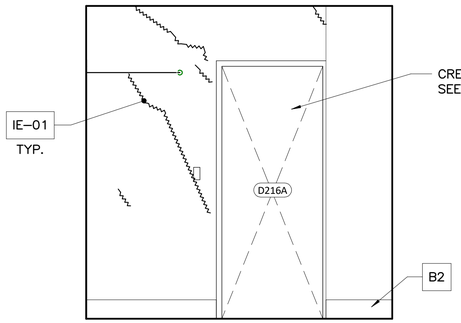
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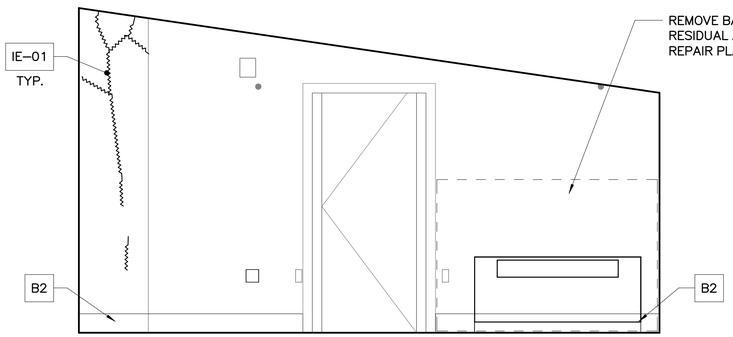

5 RM 216 - EAST
SCALE: 1/2" = 1'-0"




6 RM 216 - SOUTH
SCALE: 1/2" = 1'-0"




7 RM 216 - WEST
SCALE: 1/2" = 1'-0"




8 RM 216 - NORTH
SCALE: 1/2" = 1'-0"

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IE–06 PLASTER PATCH OTHER.

IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.

IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.

IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.

IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.

IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.

IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.

IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.

IE–30 FIBERBOARD PATCH.

IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.

IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.

IE–42 REPAIR TEARS AND HOLES IN MUSLIN.

IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

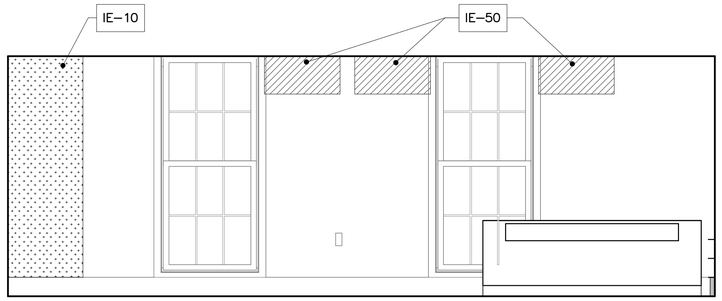
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

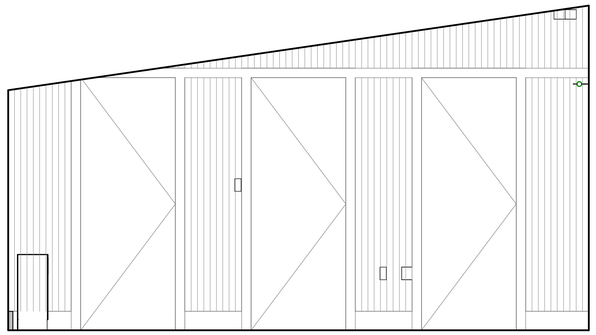
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SCALE OF FEET

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| DRAWN: SS, AW, CB | A–7.27 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ____ OF X |
| DATE: 1/10/2025 | | | |

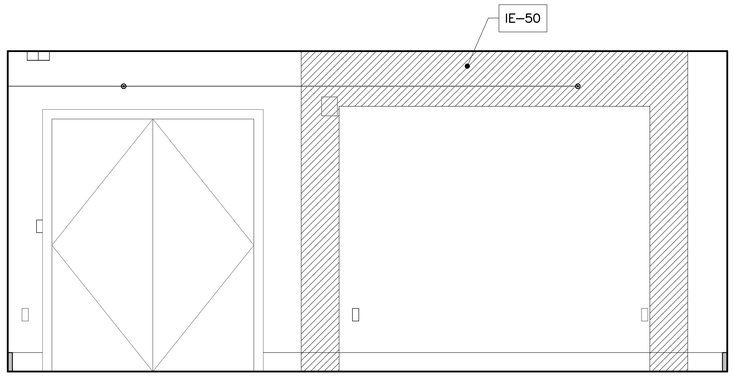
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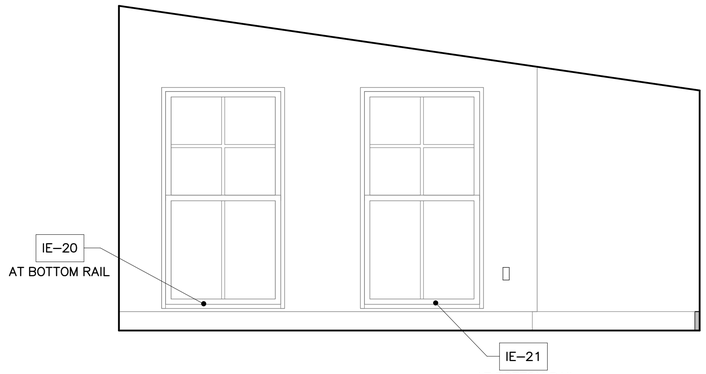

## 1 RM 218 - EAST
SCALE: 1/2" = 1'-0"



## 2 RM 218 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 218 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 218 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 — TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.

IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.

IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.

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## DEVICES LEGEND

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- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

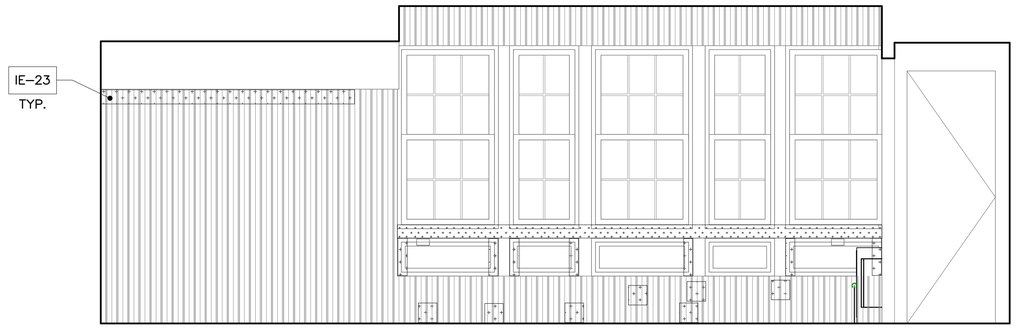
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SCALE OF FEET

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| DRAWN: SS, AW, CB | |
| TECH. REVIEW: MJM, MS | |
| DATE: 1/10/2025 | |

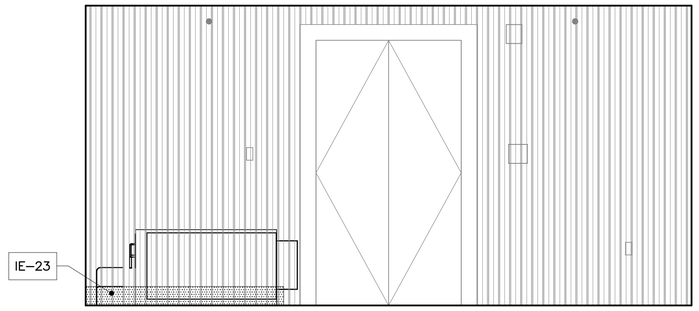
TITLE OF SHEET
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

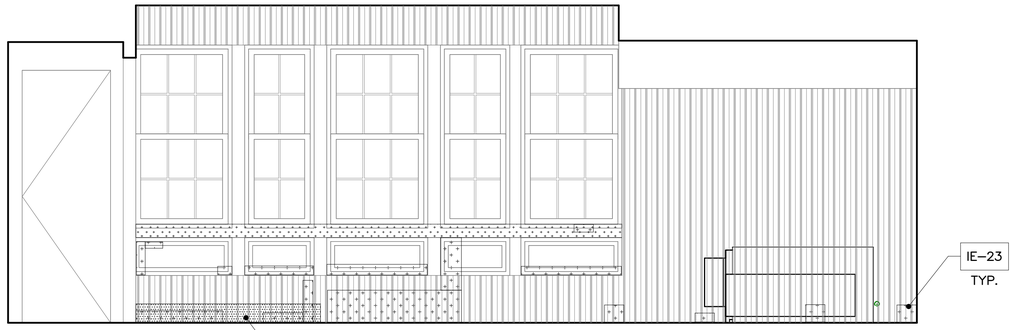
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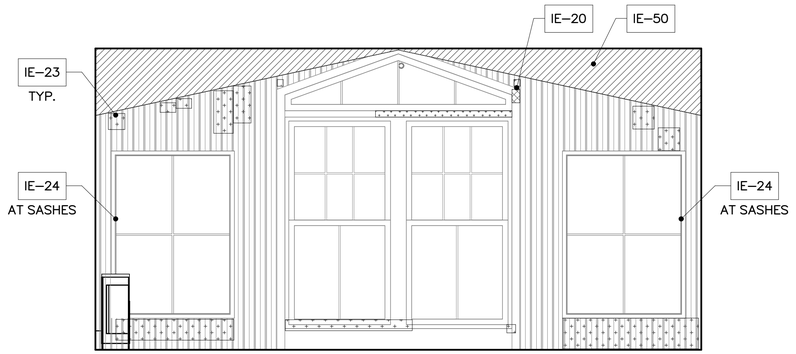

## 1 RM 301 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 301 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 301 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 301 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
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## INTERIOR KEYNOTES

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## DEVICES LEGEND

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- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

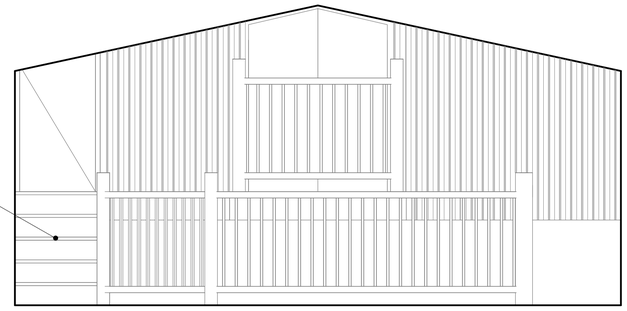
**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

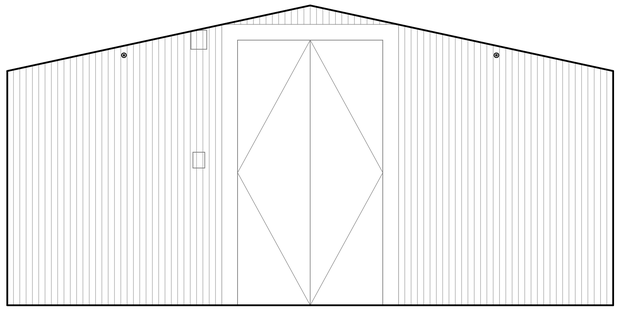
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SCALE OF FEET

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| TECH. REVIEW: MJM, MS | | DRAWING NO. 895 179603 |
| DATE: 1/10/2025 | | PMIS/PKG NO. 312325 |
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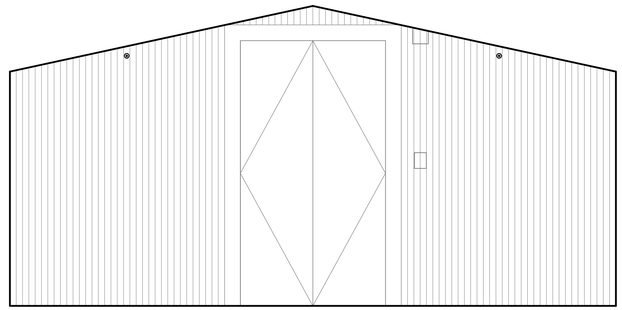
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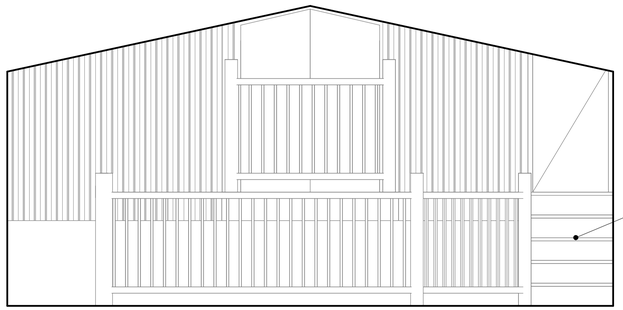

## 2 RM 302 - SOUTH
SCALE: 1/2" = 1'-0"



## 1 RM 302 - NORTH
SCALE: 1/2" = 1'-0"



## 4 RM 304 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 304 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
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**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

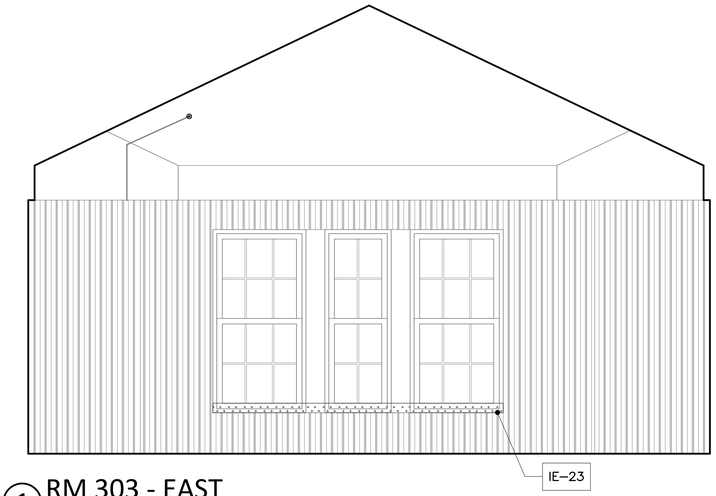
**SECURITY**
- KP KEY PAD
- CAMERA

**LIGHTING**

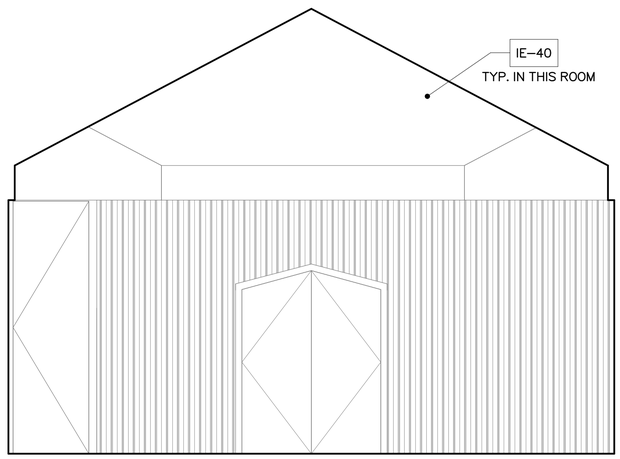
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SCALE OF FEET

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| DESIGNED: JA | SUB SHEET NO. A–7.30 | TITLE OF SHEET: INTERIOR ELEVATIONS – RM 302 & 304 | DRAWING NO. 895 179603 |
| DRAWN: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

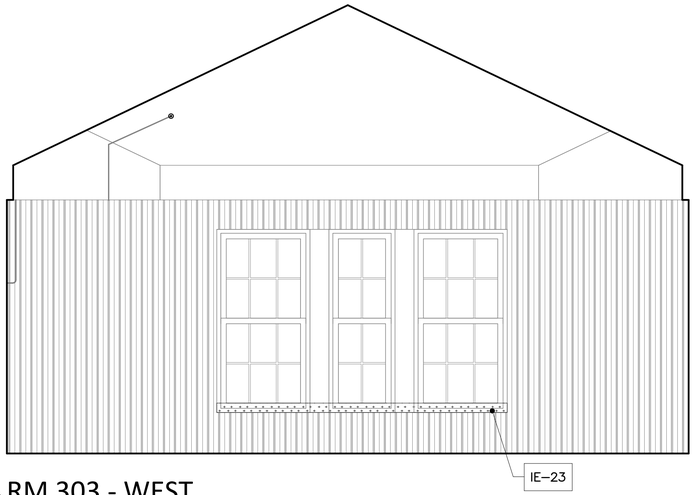
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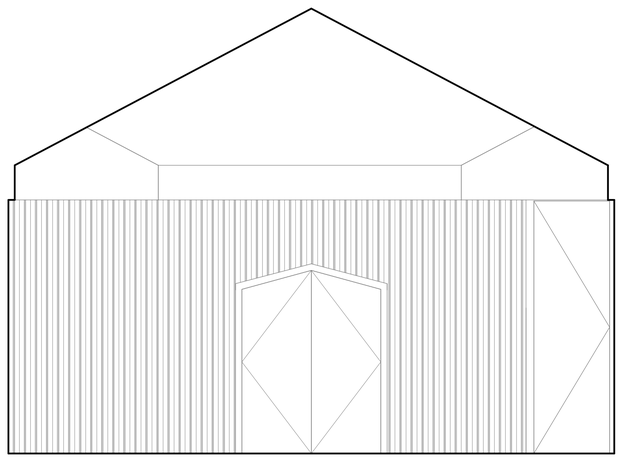

1 RM 303 - EAST
SCALE: 1/2" = 1'-0"




2 RM 303 - SOUTH
SCALE: 1/2" = 1'-0"




3 RM 303 - WEST
SCALE: 1/2" = 1'-0"



4 RM 303 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

- PLASTER CRACK
- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
- EFFORESCENCE/ WATER DAMAGE
- SOILING / STAINING
- FLAKING PAINT
- POST–HISTORIC MATERIAL [NOT USED]
- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

## GENERAL REPAIR NOTES

1. NEW PAINT, CLEAR COATINGS, AND STAINS TO MATCH HISTORIC COLOR, OPACITY, AND SHEEN AS IDENTIFIED IN HISTORIC FINISHES ANALYSIS AND DESIGNATED IN FINISH SCHEDULE.
2. CLEAN SURFACES TO BE COATED TO REMOVE SURFACE DUST AND GRIME. PREPARE SURFACES TO RECEIVE NEW COATINGS AS DESIGNATED IN FINISH SCHEDULE.
3. CLEAN EXISTING CLEAR–COATED WOOD MILLWORK, PANELING TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
4. REFINISH POST–HISTORIC WOOD PANELING UNITS TO MATCH COLOR AND SHEEN OF ADJACENT HISTORIC UNITS.
5. PREPARE CLEANED WOOD MILLWORK, PANELING, AND FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
6. PATCH ALL HOLES LEFT BY THE REMOVAL OF THE FOLLOWING:
   - A. REMOVE ALL TELE DATA JACKS AND WIRING APPLIED TO WOOD TRIM AND WALLS.
   - B. REMOVE NAILS AND PICTURE HANGERS IN PLASTER AND WD TRIM.
   - C. REMOVE EXISTING WINDOW TREATMENTS AND WINDOW HARDWARE.
   - D. REMOVE ALL FINTUBE RADIATORS.
   - E. RELOCATE DEVICES: THERMOSTATS, FIRE EXTINGUISHERS, MOTION DETECTORS, STICKERS & ADHESIVES.

## INTERIOR KEYNOTES

- IE–01 V.I.F SIZE OF CRACK. FOR CRACKS IN HISTORIC PLASTER GREATER THAN 1/32 INCH WIDE, ROUT OUT CRACK AND INJECT CONSERVATION ADHESIVE TO STABILIZE PLASTER ADJACENT TO CRACK. FILL CRACK WITH PLASTER MATCHING HISTORIC MATERIAL AND TEXTURE, PRIME AND PAINT. FOR CRACKS IN PLASTER 1/32 INCH WIDE OR NARROWER, FILL WITH PATCHING COMPOUND AND SAND TO CREATE A LEVEL, SMOOTH SURFACE, PRIME AND PAINT.
- IE–03 SELECTIVELY REMOVE DAMAGED HISTORIC PLASTER AT DESIGNATED AREAS AND PATCH TO MATCH EXISTING SURFACE AND TEXTURE. SPOT PRIME AND PAINT ACCORDING TO FINISH SCHEDULE.
- IE–04 RE–ADHERE DETACHED/DELAMINATED PLASTER. USE TEMPORARY SUPPORTS TO RETURN DISPLACED PLASTER INTO PLANE WHERE POSSIBLE WITHOUT CRACKING. INJECT CONSERVATION ADHESIVE THROUGH PORTHOLES DRILLED INTO PLASTER AND/OR EXISTING CRACKS AND VOIDS. FILL CRACKS AND PORTHOLES AND PAINT.
- IE–05 INSTALL NEW PLASTER AT DESIGNATED AREAS TO MATCH MATERIAL AND TEXTURE OF HISTORIC.
- IE–06 PLASTER PATCH OTHER.
- IE–10 GENTLY REMOVE LOOSELY ADHERING PAINT OR SCRAPE PEELING/CRACKING PAINT. DO NOT DAMAGE UNDERLYING PLASTER OR WALL SURFACE. PAINT REMOVAL MUST BE PERFORMED BY PERSONNEL PROPERLY TRAINED IN LEAD SAFE WORK PRACTICES.
- IE–11 SELECTIVELY REMOVE PAINT AT DESIGNATED AREAS TO CREATE INTERPRETIVE WINDOWS SHOWING HISTORIC WALLPAPER. COVER INTERPRETIVE WINDOWS WITH CLEAR RIGID PROTECTIVE MATERIAL.
- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–30 FIBERBOARD PATCH.
- IE–40 CLEAN EXISTING, PREVIOUSLY RESTORED MUSLIN IN SITU.
- IE–41 REPLACE EXISTING, PREVIOUSLY RESTORED MUSLIN IN DESIGNATED AREAS WITH NEW MUSLIN WITH FIRE RETARDANT TREATMENT ON NEW BACKING. ATTACH WITH TACKS TO MATCH EXISTING. PAINT ACCORDING TO FINISH SCHEDULE.
- IE–42 REPAIR TEARS AND HOLES IN MUSLIN.
- IE–50 IF REQUIRED TO ACCESS CEILING FOR STRUCTURAL WORK, REMOVE WALL FINISH TO EXPOSE THE STUD. DO NOT REMOVE IF ACCESS IS NOT REQUIRED IN THIS LOCATION. NOTIFY ARCHITECT PRIOR TO REMOVING FINISH. INSTALL NEW FINISH TO MATCH ADJACENT HISTORIC.

## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

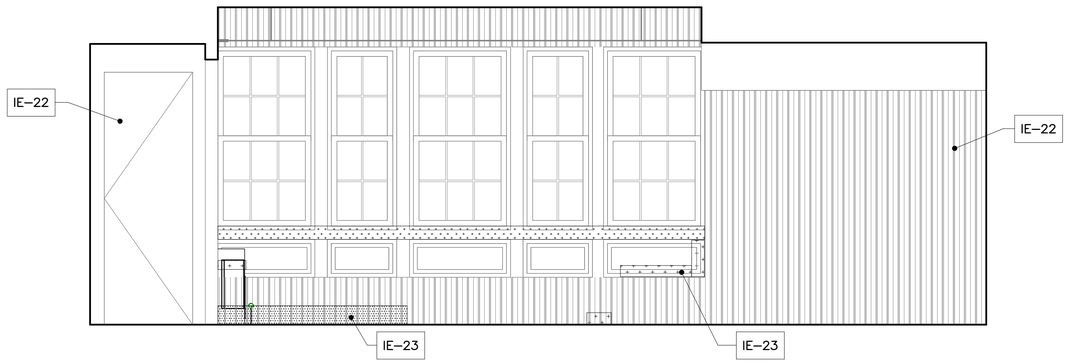
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SCALE OF FEET

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| DRAWN: SS, AW, CB | |
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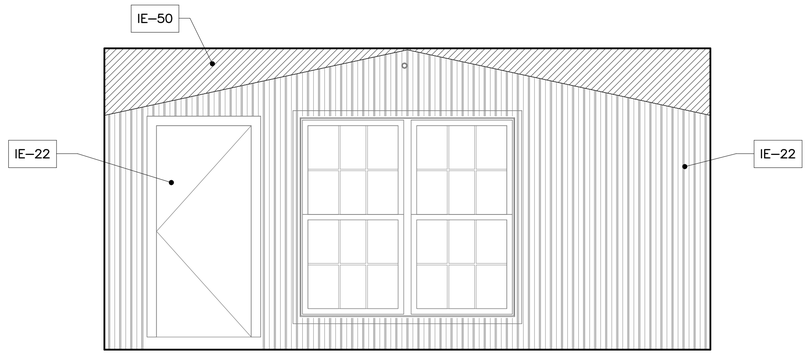
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ____ OF X

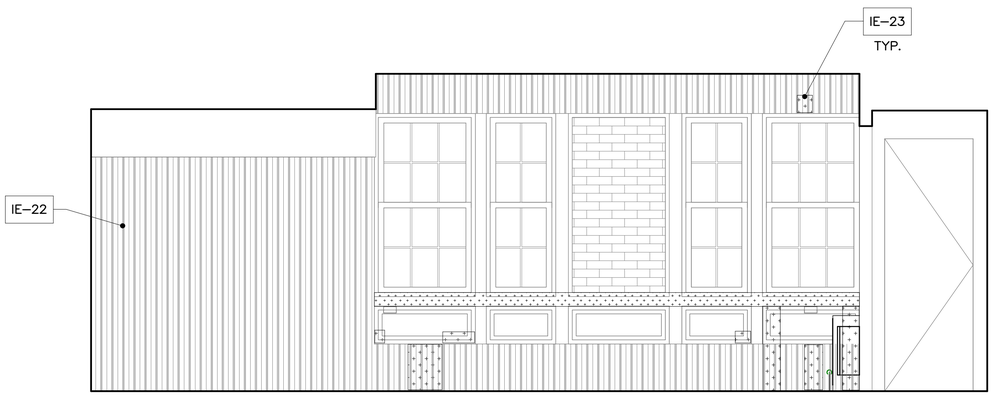
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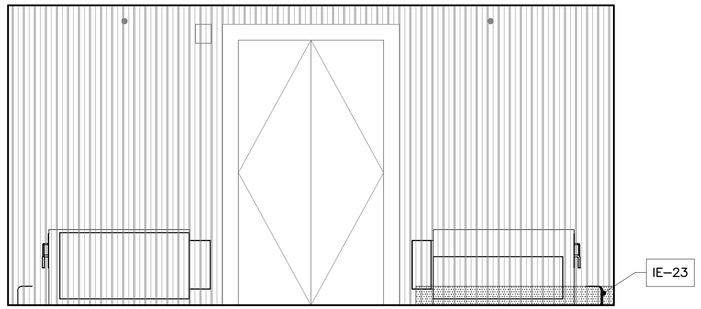

## 1 RM 305 - EAST
SCALE: 1/2" = 1'-0"




## 2 RM 305 - SOUTH
SCALE: 1/2" = 1'-0"




## 3 RM 305 - WEST
SCALE: 1/2" = 1'-0"




## 4 RM 305 - NORTH
SCALE: 1/2" = 1'-0"

## INTERIOR TREATMENTS

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- PLASTER DETACHMENT/ DELAMINATION
- PLASTER LOSS
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- SOILING / STAINING
- FLAKING PAINT
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- WOOD DAMAGE
- REMOVE FINISH FOR STRUCT WORK IF REQUIRED.
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.

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## DEVICES LEGEND

**MECHANICAL**
- NEW FAN COIL UNIT IN CABINET
- WALL REGISTER

**FIRE PROTECTION**
- SD — SMOKE DETECTOR – WALL MOUNTED
- FIRE ALARM – STROBE/ HORN – WALL MOUNTED
- F — MANUAL FIRE ALARM BOX
- SPRINKLER – WALL MOUNTED PENDANT

**ELECTRICAL**
- RECEPTACLE
- LIGHT SWITCH

**SECURITY**
- KP — KEY PAD
- CAMERA

**LIGHTING**

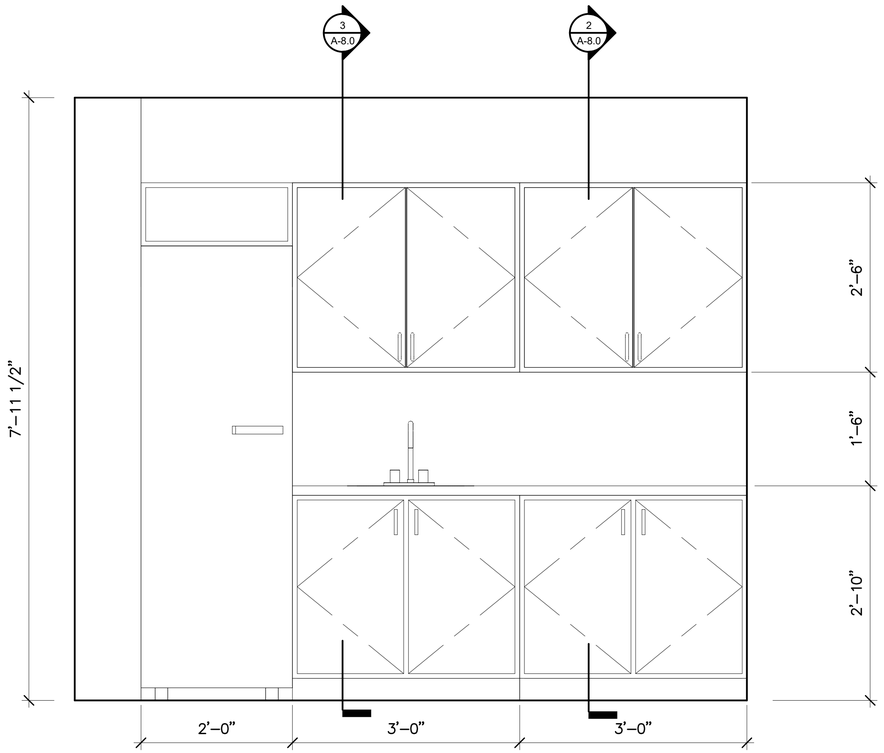
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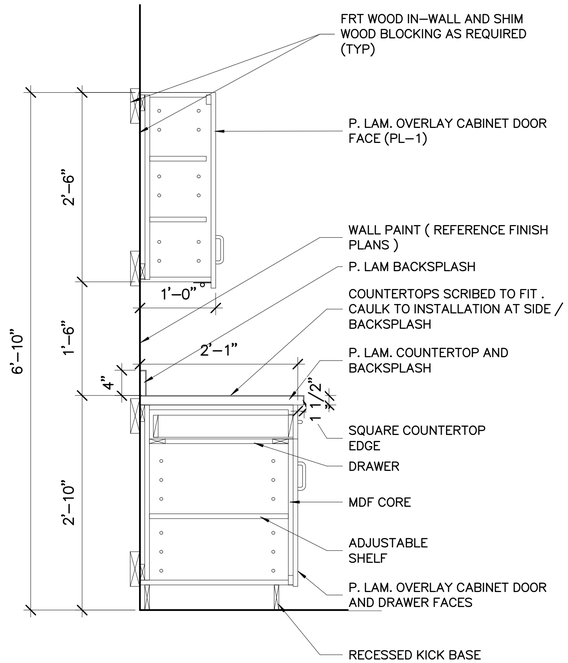
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ____ OF X

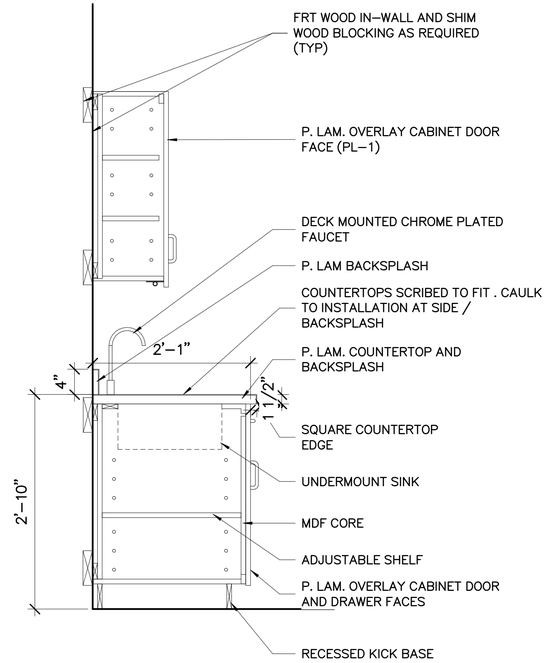
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1 A–8.0 ELEVATION – KITCHENETTE
SCALE Ⓐ




2 A–8.0 SECTION – KITCHENETTE AT BASE CABINET SHELVING
SCALE Ⓐ




3 A–8.0 SECTION – KITCHENETTE AT SINK
SCALE Ⓐ



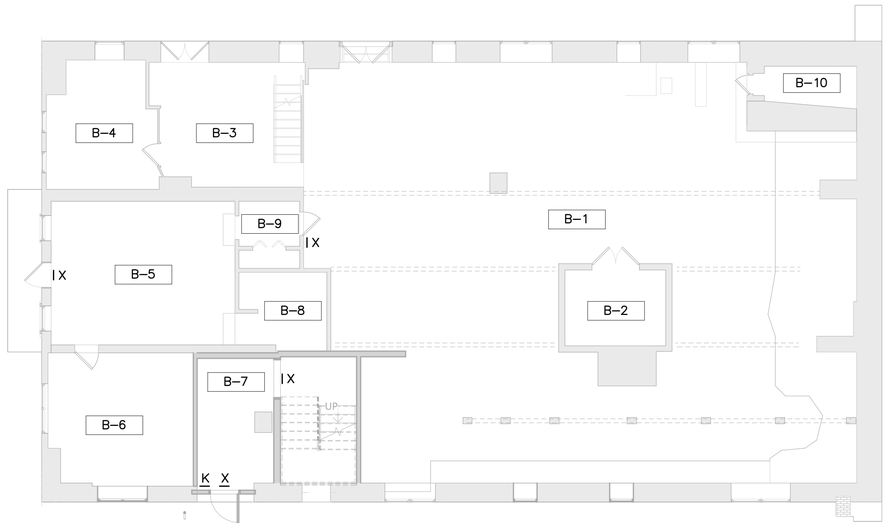
THIS EXAMPLE DEMONSTRATES A CUSTOM ENCLOSURE FOR A FAN COIL UNIT. THE DESIGN INTENT IS TO BE COMPATIBLE WITH EXISTING HISTORIC ROOM FINISHES. SIZE AND LOCATION TO BE COORDINATED WITH FURNISHING AND EXHIBIT LAYOUT.

4 A–8.0 CUSTOM ENCLOSURE EXAMPLE FOR FCU
SCALE Ⓐ

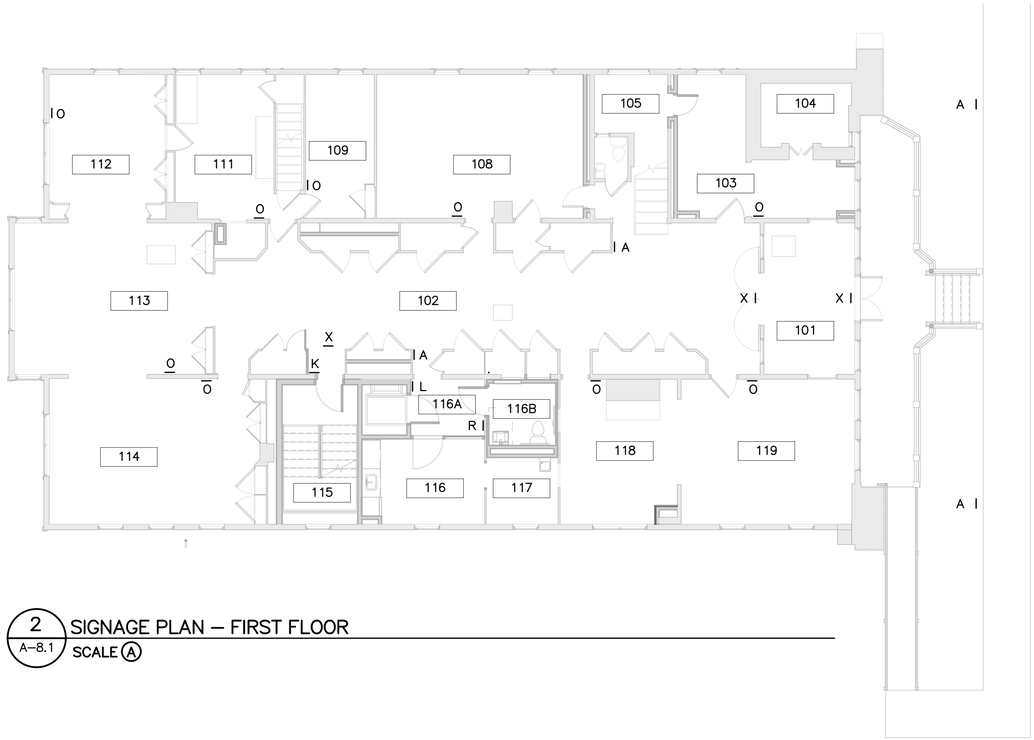
SCALE Ⓐ 1 0 1 2
SCALE OF FEET

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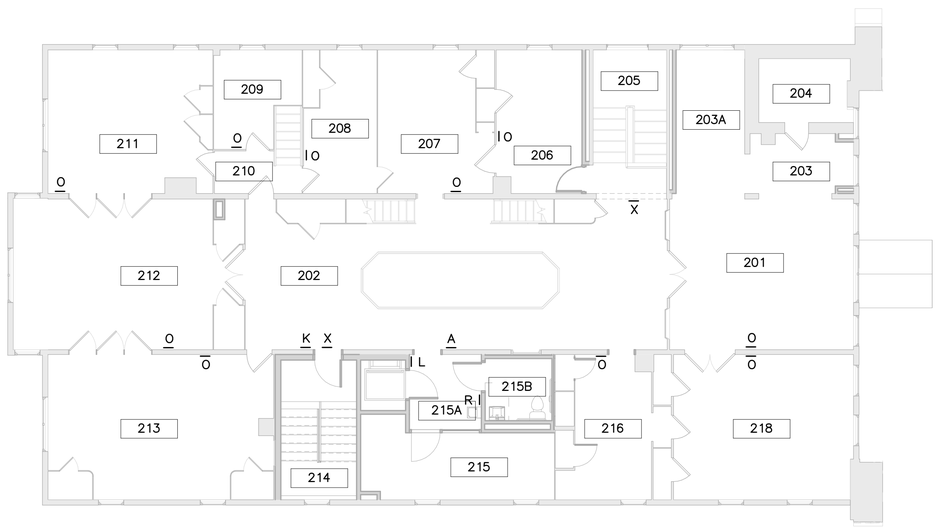
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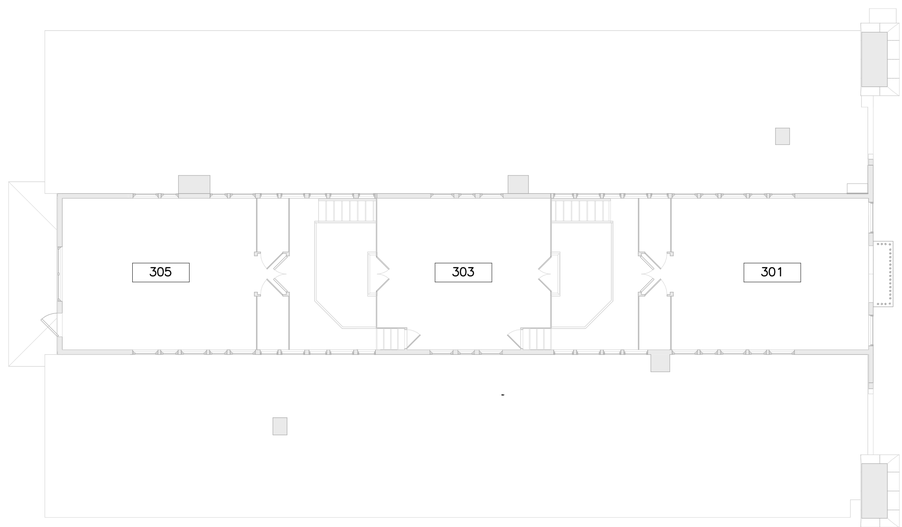

1 A–8.1 SIGNAGE PLAN – BASEMENT
SCALE A




2 A–8.1 SIGNAGE PLAN – FIRST FLOOR
SCALE A




3 A–8.1 SIGNAGE PLAN – SECOND FLOOR
SCALE A




THE THIRD FLOOR WILL NOT BE OCCUPIED

4 A–8.1 SIGNAGE PLAN – THIRD FLOOR
SCALE A

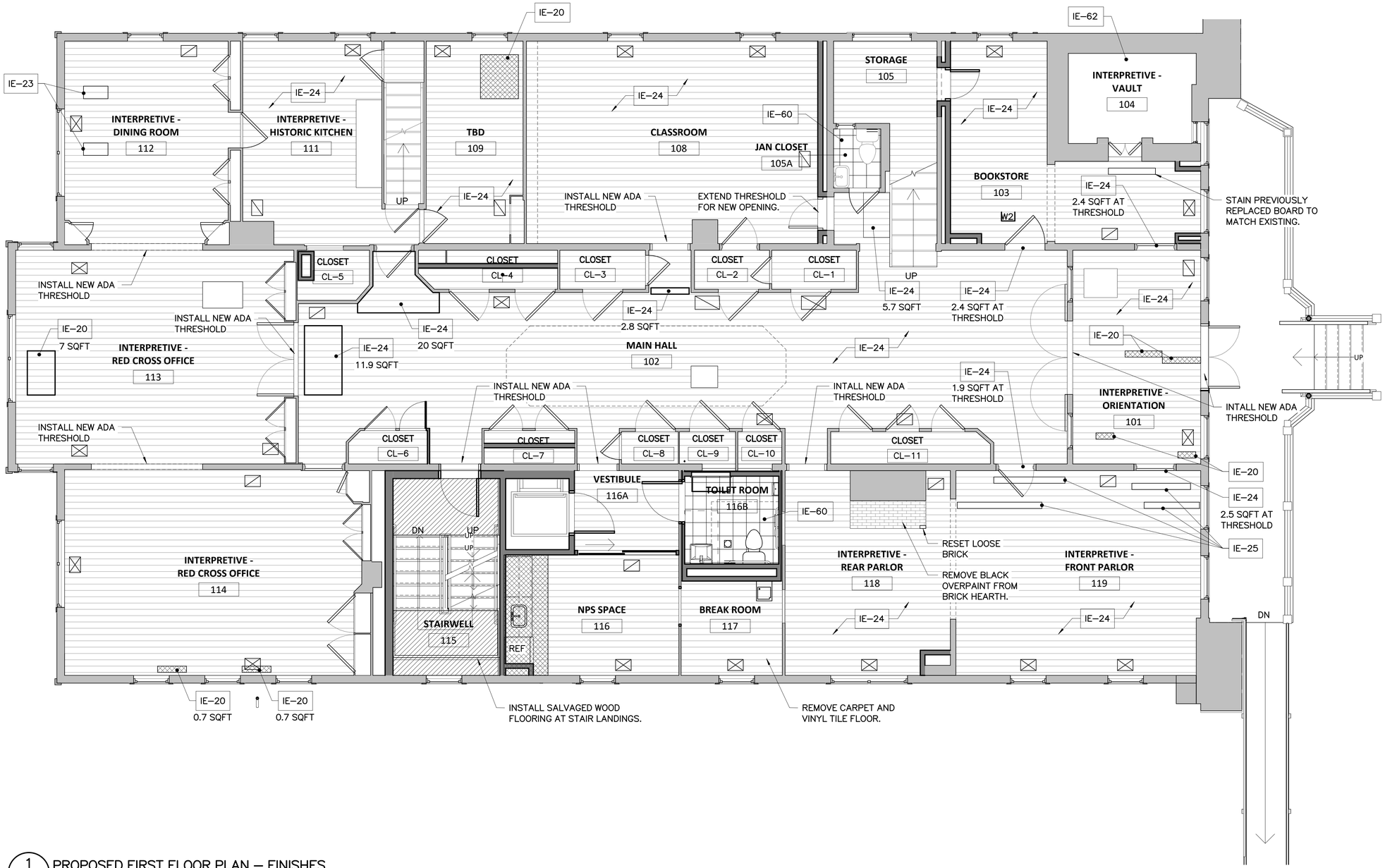
## SIGNAGE LEGEND

| | |
|---|---|
| A | **ACCESSIBILITY DIRECTIONS**<br>DIRECTIONAL SIGNAGE INDICATING ROUTE TO NEAREST ACCESSIBLE ELEMENT. (IBC 1110.2) |
| L | **LIFT EMERGENCY SIGN**<br>"IN FIRE EMERGENCY, DO NOT USE LIFT. USE STAIRS." (IBC 3002.3) |
| X | **EXIT**<br>EXITS ARE TO BE MARKED BY AN APPROVED EXIT SIGN FROM ANY DIRECTION OF EGRESS TRAVEL. (IBC 1011.1) |
| R | **ACCESSIBLE RESTROOM**<br>INCLUDING BRAILLE. (ABAAS F216) |
| K | **KEY LOCKS ON EGRESS SIDE OF DOOR**<br>"THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." (IBC 1008.1.9) |
| O | **OCCUPANT LOAD**<br>EVERY ROOM THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM POSTED NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM. (IBC 1004.3) |

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SCALE OF FEET

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-8.1 | TITLE OF SHEET<br>SIGNAGE PLANS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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1 A–9.1 PROPOSED FIRST FLOOR PLAN – FINISHES

SCALE Ⓐ

## FINISH FLOOR LEGEND

- EXISTING WOOD FLOOR
- NEW & SALVAGED WOOD FLOOR PATCH. TOOTH–IN NEW PIECES, STAIN TO MATCH EXISTING ADJACENT.
- SALVAGED WOOD FROM REMOVAL OF PREVIOUS FLOOR.
- NEW LVT OVER EXISTING WOOD FLOOR
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.
- FLOOR GRILLE – SUPPLY
- FLOOR GRILLE – RETURN
- FCU

## GENERAL REPAIR NOTES

1. CLEAN ALL EXISTING CLEAR COATED WOOD FLOORS TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
2. INFILL SMALL HOLES AND GOUGES. PATCH AND INSTALL REPLACEMENTS WHERE INDICATED.
3. REFINISH FLOORS WHERE INDICATED, WITH STAINING AS REQUIRED, TO ACHIEVE UNIFORM FINISH COLOR.
4. PREPARE CLEANED AND REFINISHED FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
5. REFER TO RBM SURVEY FOR REMOVAL OF VINYL FLOOR TILE.

## KEYNOTES

- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
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- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–25 REPLACE, LEVEL, OR SAND PREVIOUSLY REPLACED BOARDS TO EVEN SURFACE.
- IE–60 REMOVE EXISTING VINYL TILE, REPAIR WOOD FLOOR, AND INSTALL NEW LUXURY VINYL TILE (LVT) OVER EXISTING WOOD FLOOR.
- IE–61 REMOVE EXISTING VINYL TILE, SKIM EXISTING CEMENTITIOUS FLOOR, AND INSTALL NEW LUXURY VINYL TILE (LVT) OVER MASONRY.
- IE–62 REMOVE EXISTING VINYL TILE, SKIM EXISTING CEMENTITIOUS FLOOR.

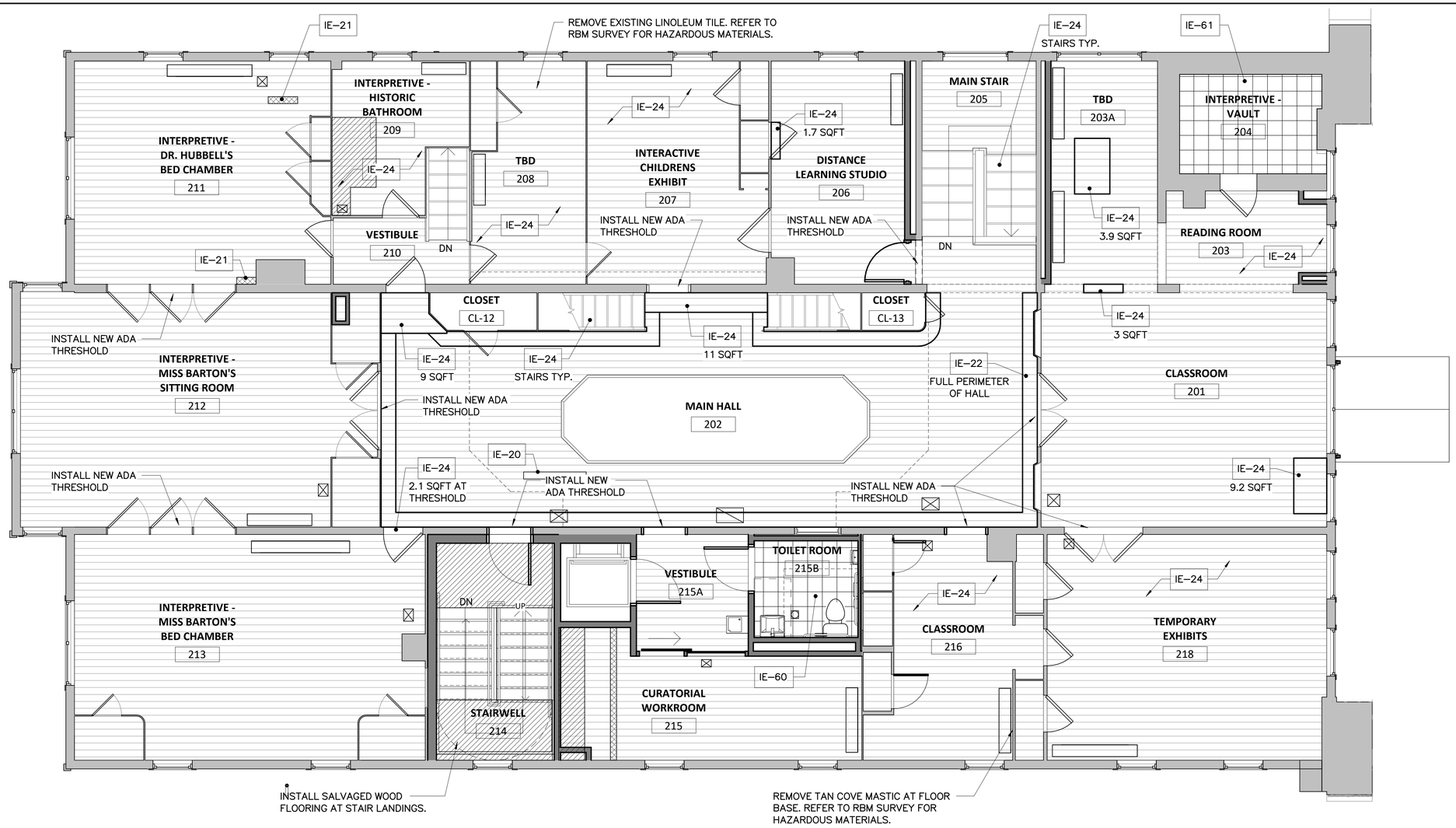
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| DESIGNED: JA | SUB SHEET NO. A–9.1 | TITLE OF SHEET: PROPOSED FIRST FLOOR PLAN – FINISHES | DRAWING NO. 895 179603 |
| CADD: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
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1 / A–9.2 PROPOSED SECOND FLOOR PLAN – FINISHES
SCALE Ⓐ

## FINISH FLOOR LEGEND

- EXISTING WOOD FLOOR
- NEW & SALVAGED WOOD FLOOR PATCH. TOOTH–IN NEW PIECES, STAIN TO MATCH EXISTING ADJACENT.
- SALVAGED WOOD FROM REMOVAL OF PREVIOUS FLOOR.
- NEW LVT OVER EXISTING WOOD FLOOR
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.
- FLOOR GRILLE – SUPPLY
- FLOOR GRILLE – RETURN
- FCU

## GENERAL REPAIR NOTES

1. CLEAN ALL EXISTING CLEAR COATED WOOD FLOORS TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
2. INFILL SMALL HOLES AND GOUGES. PATCH AND INSTALL REPLACEMENTS WHERE INDICATED.
3. REFINISH FLOORS WHERE INDICATED, WITH STAINING AS REQUIRED, TO ACHIEVE UNIFORM FINISH COLOR.
4. PREPARE CLEANED AND REFINISHED FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
5. REFER TO RBM SURVEY FOR REMOVAL OF VINYL FLOOR TILE.

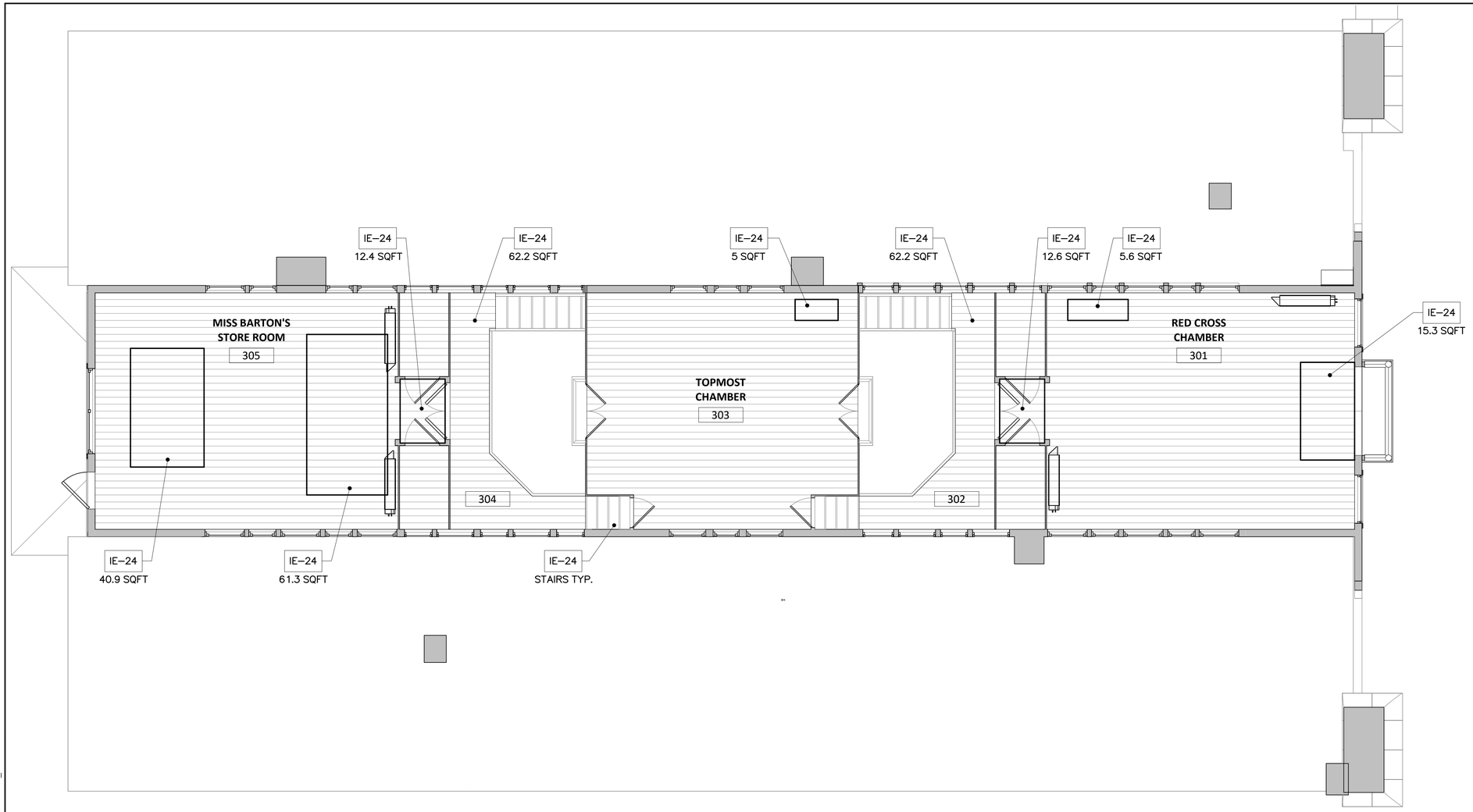
## KEYNOTES

- IE–20 WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–21 SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL.
- IE–22 CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED.
- IE–23 REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE.
- IE–24 REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING.
- IE–25 REPLACE, LEVEL, OR SAND PREVIOUSLY REPLACED BOARDS TO EVEN SURFACE.
- IE–60 REMOVE EXISTING VINYL TILE, REPAIR WOOD FLOOR, AND INSTALL NEW LUXURY VINYL TILE (LVT) OVER EXISTING WOOD FLOOR.
- IE–61 REMOVE EXISTING VINYL TILE, SKIM EXISTING CEMENTITIOUS FLOOR, AND INSTALL NEW LUXURY VINYL TILE (LVT) OVER MASONRY.
- IE–62 REMOVE EXISTING VINYL TILE, SKIM EXISTING CEMENTITIOUS FLOOR.

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| CADD: SS, AW, CB | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

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1 / A–9.3 PROPOSED THIRD FLOOR PLAN – FINISHES
SCALE Ⓐ

## FINISH FLOOR LEGEND

- EXISTING WOOD FLOOR
- NEW & SALVAGED WOOD FLOOR PATCH. TOOTH–IN NEW PIECES, STAIN TO MATCH EXISTING ADJACENT.
- SALVAGED WOOD FROM REMOVAL OF PREVIOUS FLOOR.
- NEW LVT OVER EXISTING WOOD FLOOR
- F1 → TRIM PROFILE TYPE. SEE SHEET A–8.0 FOR TRIM PROFILES.
- FLOOR GRILLE – SUPPLY
- FLOOR GRILLE – RETURN
- FCU

## GENERAL REPAIR NOTES

1. CLEAN ALL EXISTING CLEAR COATED WOOD FLOORS TO REMOVE DUST, SURFACE SOILING, AND GRIME, INCLUDING WAX DEPOSITS AND HAND SOILING.
2. INFILL SMALL HOLES AND GOUGES. PATCH AND INSTALL REPLACEMENTS WHERE INDICATED.
3. REFINISH FLOORS WHERE INDICATED, WITH STAINING AS REQUIRED, TO ACHIEVE UNIFORM FINISH COLOR.
4. PREPARE CLEANED AND REFINISHED FLOORING SURFACES AND APPLY PROTECTIVE COATINGS AS DESIGNATED IN FINISH SCHEDULE.
5. REFER TO RBM SURVEY FOR REMOVAL OF VINYL FLOOR TILE.

## KEYNOTES

| | |
|---|---|
| IE–20 | WOOD DUTCHMAN REPAIRS OF LOSSES AND DEFICIENT MATERIALS TO MATCH PROFILE, WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL. |
| IE–21 | SMALL WOOD PATCH REPAIR TO MATCH PROFILE WOOD SPECIES, AND GRAIN DIRECTION OF ORIGINAL. |
| IE–22 | CLEAN CLEAR–COATED WOOD TO REMOVE LOCALIZED SOILING/WAX/VARNISH DEPOSITS, REFINISH AS NEEDED. |
| IE–23 | REFINISH WOOD TO MATCH SURROUNDING AT AREAS OF LOCALIZED DAMAGE OR DISCOLORATION FROM WATER DAMAGE. |
| IE–24 | REFINISH WOOD AT AREAS OF WORN OR FADED COATINGS TO MATCH SURROUNDING. |
| IE–25 | REPLACE, LEVEL, OR SAND PREVIOUSLY REPLACED BOARDS TO EVEN SURFACE. |
| IE–60 | REMOVE EXISTING VINYL TILE, REPAIR WOOD FLOOR, AND INSTALL NEW LUXURY VINYL TILE (LVT) OVER EXISTING WOOD FLOOR. |
| IE–61 | REMOVE EXISTING VINYL TILE, SKIM EXISTING CEMENTITIOUS FLOOR, AND INSTALL NEW LUXURY VINYL TILE (LVT) OVER MASONRY. |
| IE–62 | REMOVE EXISTING VINYL TILE, SKIM EXISTING CEMENTITIOUS FLOOR. |

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# ROOM FINISH SCHEDULE

| RM # | ROOM NAME | FLOOR | BASE | FINISH | WALLS | FINISH | DOOR + WINDOW TRIM | FINISH | CROWN MOULDING | DOORS | FINISH | CEILING | FINISH | MILLWORK | FINISH | PIPES & OTHER EQUIPMENT | OTHER NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B-1 | STORAGE | ETR | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-2 | MECHANICAL | ETR | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-3 | CUSTODIAL SUPPLY | ETR | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-4 | STORAGE | ETR | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-5 | | WF | B | ETR | ETR | ETR | WW | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-6 | | WF | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-7 | STAIRWELL | WF | - | - | GWB | P 6 | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-8 | | ETR | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-9 | | ETR | B | ETR | ETR | ETR | WW | ETR | - | ETR | ETR | ETR | ETR | | | | |
| B-10 | | ETR | - | - | ETR | ETR | ETR | ETR | - | ETR | ETR | ETR | ETR | | | | |
| 101 | INTERPRETIVE - ORIENTATION | WF 4, WF 1 | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | D3 | WF1 | M | M 1 | | | | Add walk-off mat, door frame P 3 |
| 102 | MAIN HALL | WF 1, WF 4 where indicated | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | D1 | ETR | M | M 1 | | | | Closet outside wall finish is same as wood paneled walls. Apply clear protective coat to interiors of closets. |
| 103 | BOOKSTORE | WF 4, WF 1 | B | P 6 | PL-ETR | P 3B | WW | P 6 | - | D1, D2 | P 3B | PL-ETR | P 3 | | | P 6 | |
| 104 | INTERPRETIVE - VAULT | ETR | - | - | BRK | P 5 | WW | P 5 | - | D4 | P 3B | BRK | P 5 | | | P 5 | Brick walls and brick ceiling |
| 105 | STORAGE | WF 1 | B | WW 2 | PL-ETR | P 6 | WW | P 6 | - | D5 | ETR | - | - | | | | |
| 105A | JAN CLOSET | R 1 | B 2 | CT 1 | GWB | P 3, CT 1, CT 2 | WW | WW 2 | - | D2 | ETR | PL-ETR | P 6 | | | | |
| 108 | CLASSROOM | WF 4, WF 1 | B | P 3 | PL-ETR | P 5 | WW | P 3 | - | D2, D11 | P 3 | PL-NEW | P 6 | | | | |
| 109 | TBD | WF 4, WF 1 | B | P 5 | PL-ETR, F | P 3 | WW | P 6 | P 4 | D6 | P 3 | PL-NEW | P 6 | MW 5 | P 3 | P 6 | Repaint cabinet interior- P 3 |
| 110 | BACK STAIR | WF 4, WF 1 | - | - | WB-PT | P 6 | WW | WW 2 | P 6 | - | - | PL-ETR | P 6 | | | | Remove rubber floor treads. Resand stairs, repair wood nosings. |
| 111 | INTERPRETIVE - HISTORIC KITCHEN | WF 4, WF 1 | B | P 3 | PL-ETR, BRK, WB-ST | P 3 | WW | P 3 | P 3 | D2, D5 | P 3 | PL-NEW | P 3B | MW 4 | P 3 | | |
| 112 | INTERPRETIVE - DINING ROOM | WF 1 | B | WW 2 | M-PT, WB-ST | M 2, WW 2 | WW | WW 2 | - | D2 | P 6 | M-PT | M 2 | MW 6 | WW 2 | | Closet interior - P 3B |
| 113 | INTERPRETIVE - RED CROSS OFFICE | WF 1 | B | WW 2 | M-PT, WB-ST | M 2, WW 2 | WW | WW 2 | - | D1 | WF 1 | M-PT | M 1 | | | | |
| 114 | INTERPRETIVE - RED CROSS OFFICE | WF 1 | B | WW 2 | M-PT | M 2 | WW | WW 2 | - | D2 | P 3 | M-PT | M 2 | | | | Closet interior - P 3B |
| 115 | STAIRWELL | WF 4, WF 1 | B | P 3 | GWB | P 6 | WW | P 3 | P 3 | D2 | P 3 | WW | WW 3 | | | | Re-install existing baseboards and crown moulding |
| 116 | NPS SPACE | WF 4, WF 1 | B 1 | WW 3 | F, PL-ETR, GWB | P 3 | WW | P 6 | - | D11, D2 | P 6 | PL-NEW | P 6 | MW 3 | WW 5 | | New refrigerator |
| 116A | VESTIBULE | WF 4, WF 1 | B 1 | WW 3 | F, PL-ETR | P 6 | WW | P 6 | - | LIFT | - | PL-NEW | P 6 | | | | |
| 116B | TOILET ROOM | R 1 | B 2 | CT 1 | GWB | P 3, CT 1, CT 2 | WW | WF 1 | - | D2 | WF 1 | PL-NEW | P 6 | | | | See elevation for wall tile pattern, sheet A-7.15 |
| 117 | BREAK ROOM | WF 4, WF 1 | B, B 1 | P 5 | PL-ETR, WB-PT, GWB | P 5 | WW | P 6 | - | - | - | PL-NEW | P 6 | | | | |
| 118 | INTERPRETIVE - REAR PARLOR | WF 4, WF 1 | B | P 5 | PL-ETR | P 3 | WW | P 5 | P 3 | D2 | P 5 | GWB | P 3 | MW 5 | P 3 | | Remove painted paper overlayer throughout, conserve section of underlying wallpaper with plexiglass exposure window. Brick fireplace, unpainted. |
| 119 | INTERPRETIVE - FRONT PARLOR | WF 4, WF 1 | B | P 5 | PL-ETR | P 3 | WW | P 4, P 5 | P 3 | D1, D2 | P 5 | GWB | P 3 | | | | Door trim: P 5, Window Trim: P 4 |
| 120 | ELEVATOR | | | | | | | | | | | | | | | | |
| 201 | CLASSROOM | WF 4, WF 1 | B | WW 2 | WB-ST, PL-ETR | WW 2, P 3B | WW | WW 2 | - | D11 | WW 2 | PL-NEW | P 3 | | | | |
| 202 | MAIN HALL | WF 1, WF 4 where indicated | B | WW 2 | WB-ST | WW 2 | WW | ETR | - | D2 | ETR | GWB, M-PT | P 3 | | | | Stair rails and guard rails. Apply protective coating to all components |
| 203 | READING ROOM | WF 4, WF 1 | B | WW 2 | PL-ETR, WB-PT | P 5 | WW | WF 1 | P 5 | D5 | P 6 | PL-ETR | P 3B | | | | |
| 203A | TBD | WF 4, WF 1 | B | WW 2 | PL-ETR, GWB | P 5 | WW | WF 1,P3 | P 5 | - | - | PL-NEW | P 3B | MW 2 | P 6 | | Reuse existing base on new walls |
| 204 | INTERPRETIVE - VAULT | ETR | - | - | BRK | ETR | WW | P 5 | - | D4 | P 4 | BRK | ETR | | | | Brick walls and brick ceiling |
| 205 | MAIN STAIR | WF 4, WF 1 including treads | B | WW 2 | PL-ETR | P 3 | WW | WW 2 | - | - | - | PL-ETR | P 3 | | | | Stair rails and guard rails. Apply protective coating to all components |
| 206 | DISTANCE LEARNING STUDIO | WF 4, WF 1 | B | P 3 | WB-PT, PL-ETR | P 3 | WW | P 3 | - | D2, D6 | P 3 | PL-NEW | P 6 | MW 1<br>MW 1 | P 6 | | |
| 207 | INTERACTIVE CHILDRENS EXHIBIT | WF 4, WF 1 | B | P 3 | PL-ETR, WB-PT | P 3B | WW | P 3 | - | D6, D7 | P 3 | PL-NEW | P 6 | | P 6 | | |
| 208 | TBD | WF 4, WF 1 | B | P 6 | PL-ETR, WB | P 6 | WW | P 6 | - | D6, D5 | P 6 | PL-NEW | P 6 | MW 1 | P 6 | | |
| 209 | INTERPRETIVE - HISTORIC BATHROOM | WF 4, WF 1 | - | - | WB-PT | CC-P 6 | WW | P 6 | - | D2 | P 6 | PL-ETR | P 6 | MW 1 | P 6 | | Leave ghosting of prior fixtures, pencil marks. Remove drywall at exterior wall above baseboard |
| 210 | VESTIBULE | WF 4, WF 1 | B | P 6 | WB-PT | P 6 | WW | P 6 | - | D2 | P 6 | PL-ETR | P 6 | | | | |
| 211 | INTERPRETIVE - DR. HUBBELL'S BED CHAMBER | P 1 | B | P 3 | PL-ETR<br>WB-PT | P 4<br>P 3B | WW | P 3,3B | - | D2, D5 | P 3 | PL-NEW | P 5 | MW 1<br>MW 1 | P 6 | | |
| 212 | INTERPRETIVE - MISS BARTON'S SITTING ROOM | P 2 | B | P 3 | WB-PT<br>WB-PT (CL) | P 3<br>P 3B | WW | P 3 | P 3 | D2 | P 3 | M-PT | M 1 | | P 6 | | |
| 213 | INTERPRETIVE - MISS BARTON'S BED CHAMBER | WF 1 incl. closets | B | WW 2 | M-PT<br>BRCK | P 4<br>P 3 | WW | WW 2 | - | D2 | WF 1 | M-PT | M 1 | MW 2 | P 6 | | Remove paper from closet interior and paint: P 8 |
| 214 | STAIRWELL | WF 4, WF 1 | B | P 3 | GWB | P 6 | WW | WF 1 | - | D2 | WF 1 | GWB | P 6 | | | | Relocate existing base to new walls |
| 215 | CURATORIAL WORKROOM | WF 4, WF 1 | B 1 | WW 3 | GWB | P 5 | WW | P 6 | - | - | - | GWB | P 6 | MW 1 | P 6 | | |
| 215A | VESTIBULE | WF 4, WF 1 | B 1 | WW 3 | GWB | P 6 | WW | P 6 | - | LIFT | - | GWB | P 6 | | | | |
| 215B | TOILET ROOM | R 1 | B 2 | CT 2 | GWB | P 3, CT 1 +2 | WW | P 6 | - | D2 | P 6 | GWB | P 6 | | | | See elevation for wall tile pattern, sheet A-7.15 |
| 216 | CLASSROOM | WF 4, WF 1 | B | P 6 | PL-ETR | P 5 | WW | P 6 | - | D10 | P 6 | PL-ETR | P 6 | MW 1 | P 6 | | For walls: remove wainscot ceramic tile at eastern end of north wall. Refer to RBM survey for removal of wall base. |
| 218 | TEMPORARY EXHIBITS | WF 4, WF 1 | B | P 3 | PL-ETR | P 3 | WW | P 3 | - | D2 | P 3 | PL-NEW | P 3 | MW 1 | P 6 | | |

3rd floor next page...

| FINISH ABBREVIATIONS | |
|---|---|
| BRK | BRICK |
| CT | CERAMIC TILE |
| EX | EXISTING |
| F | FIBERBOARD EXISTING TO REMAIN |
| GWB | GYPSUM WALL BOARD |
| GWB/PL | GYPSUM/PLASTER (UNKNOWN) |
| WB | WALL BOARD |
| WB-PT | WALL BOARD- PAINTED |
| WB-ST | WALL BOARD- STAINED |
| B | BASEBOARD- WOOD, EXISTING TO REMAIN |
| LVT | LUXURY VINYL TILE |
| M | MUSLIN- ORIGINAL |
| M-PT | MUSLIN- RESTORED, PAINTED |
| M-R | MUSLIN- RESTORED, METHOD UNKNOWN |
| P | PAINT |
| PL-NEW | PLASTER NEW |
| PL-ETR | PLASTER EXISTING TO REMAIN |
| R | RESILIENT FLOORING |
| SS | SOLID SURFACE |
| ST | STONE |
| WF | WOOD FLOOR |
| WW | SOLID WOOD PANELING OR TRIM |
| CC-P | CLEAR COAT ISOLATION LAYER & PAINT |

## GENERAL FINISH NOTES

1. ALL SURFACES MUST BE TREATED BY PERSONNEL PROPERLY TRAINED IN SAFE LEAD WORK PRACTICES.
2. EXISTING PAINT SHOULD BE STABILIZED BY KNOCKING OFF LOOSELY ADHERING PAINT AND/OR SCRAPING AND PEELING OR CRACKING PAINT. EXTREME CAUTION MUST BE USED TO NOT DAMAGE SUBSTRATE MATERIALS SUCH AS WOOD, PLASTER, FIBERBOARD, ETC. DURING THE REMOVAL OF LOOSE PAINT.
3. PRIME SURFACE ACCORDING TO SPECIFICATIONS.
4. APPLY FINISH PAINT PER COLORS IN FINISH SCHEDULE.

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| TECH. REVIEW: MJM, MS | | | SHEET ___ OF X |
| DATE: 1/10/2025 | | | |

# ROOM FINISH SCHEDULE

| RM # | ROOM NAME | FLOOR | BASE | FINISH | WALLS | FINISH | DOOR + WINDOW TRIM | FINISH | CROWN MOULDING | DOORS | FINISH | CEILING | FINISH | MILLWORK | FINISH | PIPES & OTHER EQUIPMENT | OTHER NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 301 | RED CROSS CHAMBER + CLOSETS | WF 4, WF 1 | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | D12, D2 | ETR | M-R | M 1- P 3 | | | | Closets ceiling - P 6 |
| 302 | LANDING + STAIRS | WF 4, WF 1 | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | - | - | M-R | M 1- P 3 | | | | |
| 303 | TOPMOST CHAMBER | WF 4, WF 1 | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | D5, D13 | ETR | M | M 1- P 3 | | | | |
| 304 | LANDING + STAIRS | WF 4, WF 1 | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | - | - | M-R | M 1- P 3 | | | | |
| 305 | MISS BARTON'S STORE ROOM + CLOSETS | WF 4, WF 1 | B | WW 2 | WB-ST | WW 2 | WW | WW 2 | WW 2 | D12, D2 | ETR | M-R | M 1- P 3 | | | | Closets ceiling - P 6 |

| FINISH ABBREVIATIONS | |
|---|---|
| BRK | BRICK |
| CT | CERAMIC TILE |
| EX | EXISTING |
| F | FIBERBOARD EXISTING TO REMAIN |
| GWB | GYPSUM WALL BOARD |
| GWB/PL | GYPSUM/PLASTER (UNKNOWN) |
| WB | WALL BOARD |
| WB-PT | WALL BOARD- PAINTED |
| WB-ST | WALL BOARD- STAINED |
| B | BASEBOARD- WOOD, EXISTING TO REMAIN |
| LVT | LUXURY VINYL TILE |
| M | MUSLIN- ORIGINAL |
| M-PT | MUSLIN- RESTORED, PAINTED |
| M-R | MUSLIN- RESTORED, METHOD UNKNOWN |
| P | PAINT |
| PL-NEW | PLASTER NEW |
| PL-ETR | PLASTER EXISTING TO REMAIN |
| R | RESILIENT FLOORING |
| SS | SOLID SURFACE |
| ST | STONE |
| WF | WOOD FLOOR |
| WW | SOLID WOOD PANELING OR TRIM |
| CC-P | CLEAR COAT ISOLATION LAYER & PAINT |

# FINISH LEGEND

## CEILING, WALL, TRIM

**PAINT**

| Finish Code: P | Manufacturer | Collection | Color Name | Munsell Color | Wall Sheen | Trim Sheen | Color Chip |
|---|---|---|---|---|---|---|---|
| P 3 | Benjamin Moore | | | 5Y 9/1 Off White | eggshell | semi-gloss | |
| P 3B | Benjamin Moore | | | 5Y 9/2 Pale Yellow White | eggshell | semi-gloss | |
| P 4 | Benjamin Moore | | | 7-5YR 9/2 Pale Pink Yellow | eggshell | semi-gloss | |
| P 5 | Benjamin Moore | | | 10YR 8/4 Light Yellow Brown | eggshell | semi-gloss | |
| P 6 | Benjamin Moore | | | 5Y 9/1 Bright White: Limewash | eggshell | semi-gloss | |
| P 7 | Benjamin Moore | | | Mustard Yellow Brown | eggshell | semi-gloss | |
| P 8 | Benjamin Moore | | | 2.5Y 8.5/4 Light Yellow: Siding | eggshell | semi-gloss | |
| P 9 | Benjamin Moore | | | 2.5YR 4/4 Pinkish Red Brown: Trim | eggshell | semi-gloss | |

**CERAMIC TILE - WALL**

| Finish Code: CT | Manufacturer | Collection | Color | Finish | Dimensions | | Notes |
|---|---|---|---|---|---|---|---|
| | | | | | length | width | |
| CT 1 | Daltile | Keystones | custom mosaic pattern | glossy | 1" | 1" | square mosaic in Arctic White and Urban Putty |
| CT 2 | Daltile | Color Wheel Mosaics | custom mosaic pattern | glossy | 1.5" | 1.5" | hexagon mosaic in Biscuit, Currant, Sea Breeze, Mustard, and Emerald |

**WOOD FINISH**

| Finish Code: WW | Manufacturer | Collection | Product No. | Color | Application | Finish |
|---|---|---|---|---|---|---|
| ETR<br>WW 2<br>WW 3 | | | | finish stain to medium color | protective wall coating | existing wood finish to remain, medium color |

**MUSLIN**

| Finish Code: M | Notes |
|---|---|
| M 1 | muslin conservation per specifications |
| M 2 | muslin restoration of previously restored muslin |
| M 3 | replace muslin and backing, refer to hazmat RBM |

**WALLCOVERING**

| Finish Code: WC | Manufacturer | Collection | Product No. | Color | Application | Notes | Notes |
|---|---|---|---|---|---|---|---|
| WC 1 | | | | match existing wallpaper | | | |
| WC 2 | | | | historic striped wallpaper | | | |

## WINDOW TREATMENT

**VARIOUS TYPES**

| Finish Code: WT | Type | Manufacturer | Product No. | Color | Dimensions | | |
|---|---|---|---|---|---|---|---|
| | | | | | thickness | height | length |
| WT 1 | roller shade | TBD | | tan | | | |

## GENERAL FINISH NOTES

1. ALL SURFACES MUST BE TREATED BY PERSONNEL PROPERLY TRAINED IN SAFE LEAD WORK PRACTICES.
2. EXISTING PAINT SHOULD BE STABILIZED BY KNOCKING OFF LOOSELY ADHERING PAINT AND/OR SCRAPING AND PEELING OR CRACKING PAINT. EXTREME CAUTION MUST BE USED TO NOT DAMAGE SUBSTRATE MATERIALS SUCH AS WOOD, PLASTER, FIBERBOARD, ETC. DURING THE REMOVAL OF LOOSE PAINT.
3. PRIME SURFACE ACCORDING TO SPECIFICATIONS.
4. APPLY FINISH PAINT PER COLORS IN FINISH SCHEDULE.

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| DESIGNED: JA<br>DRAWN: SS, AW, CB<br>TECH. REVIEW: MJM, MS<br>DATE: 1/10/2025 | SUB SHEET NO. A-9.5 | TITLE OF SHEET<br>FINISH SCHEDULE<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ____ OF X |

# FINISH LEGEND

## FLOOR

**RESILIENT**

| Finish Code: R | Manufacturer | Collection | Product No. | Color | Dimensions | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | thickness | width | height | |
| R 1 | Shaw Contract | Naturelife Wood II | 0002V | Chocolate Cherry | .087 in | | | restroom floor |

**PAINTED**

| Finish Code: P | Manufacturer | Collection | Product No. | Color | Application | Finish |
|---|---|---|---|---|---|---|
| P 1 | | | | brown | wood floor | |
| P 2 | | | | brown | wood floor | |

**WOOD FLOOR FINISH**

| Finish Code: WF | Manufacturer | Collection | Color | Finish | Notes |
|---|---|---|---|---|---|
| ETR | | | existing | - | |
| WF 1 | | | clear | protective floor coating | |
| WF 3 | | | light color | stain | |
| WF 4 | | | medium-dark | stain | |

## MILLWORK

**WOOD**

| Finish Code: MW | Species | Type | Color | Dimensions | | | Notes |
|---|---|---|---|---|---|---|---|
| | | | | thickness | height | length | |
| MW 1 | | fan coil unit enclosure | | 2' | 3' | 4' | painted wooden box with metal grille |
| MW 2 | | fan coil unit enclosure | | 2' | 3' | 6' | painted wooden box with metal grille |
| MW 3 | | kitchen cabinetry | | | | | |
| MW 4 | | historic kitchen cabinetry | crown moulding- P 3, cabinet interior- P 3B | | | | strip paint and refinish |
| MW 5 | | historic built-in cabinet | | | | | strip paint and refinish |
| MW 6 | | historic corner shelving | WW 2, interior- P 3B | | | | |

## BASE

**VARIOUS TYPES**

| Finish Code: B | Type | Manufacturer | Product No. | Color | Dimensions | | |
|---|---|---|---|---|---|---|---|
| | | | | | thickness | height | length |
| B | wood | existing | | | | | |
| B 1 | wood | new- match existing | | | | | |
| B 2 | porcelain tile | Daltile | Build Up Base- MB4C | Arctic White | | 4" | 12" |

## COUNTERTOP

**VARIOUS TYPES**

| Finish Code: Varies | Type | Manufacturer | Product No. | Color | Dimensions | Notes |
|---|---|---|---|---|---|---|
| | | | | | thickness | |
| SS 1 | solid surface | Corian | | TBD | 3/4" | |

| FINISH ABBREVIATIONS | |
|---|---|
| BRK | BRICK |
| CT | CERAMIC TILE |
| EX | EXISTING |
| F | FIBERBOARD EXISTING TO REMAIN |
| GWB | GYPSUM WALL BOARD |
| GWB/PL | GYPSUM/PLASTER (UNKNOWN) |
| WB | WALL BOARD |
| WB-PT | WALL BOARD- PAINTED |
| WB-ST | WALL BOARD- STAINED |
| B | BASEBOARD- WOOD, EXISTING TO REMAIN |
| LVT | LUXURY VINYL TILE |
| M | MUSLIN- ORIGINAL |
| M-PT | MUSLIN- RESTORED, PAINTED |
| M-R | MUSLIN- RESTORED, METHOD UNKNOWN |
| P | PAINT |
| PL-NEW | PLASTER NEW |
| PL-ETR | PLASTER EXISTING TO REMAIN |
| R | RESILIENT FLOORING |
| SS | SOLID SURFACE |
| ST | STONE |
| WF | WOOD FLOOR |
| WW | SOLID WOOD PANELING OR TRIM |
| CC-P | CLEAR COAT ISOLATION LAYER & PAINT |

## GENERAL FINISH NOTES

1. ALL SURFACES MUST BE TREATED BY PERSONNEL PROPERLY TRAINED IN SAFE LEAD WORK PRACTICES.
2. EXISTING PAINT SHOULD BE STABILIZED BY KNOCKING OFF LOOSELY ADHERING PAINT AND/OR SCRAPING AND PEELING OR CRACKING PAINT. EXTREME CAUTION MUST BE USED TO NOT DAMAGE SUBSTRATE MATERIALS SUCH AS WOOD, PLASTER, FIBERBOARD, ETC. DURING THE REMOVAL OF LOOSE PAINT.
3. PRIME SURFACE ACCORDING TO SPECIFICATIONS.
4. APPLY FINISH PAINT PER COLORS IN FINISH SCHEDULE.

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## GENERAL

1. This project entails the renovation of the Clara Barton National Historic Site in Glen Echo, Maryland. The existing building will be upgraded to meet modern gravity loading standards on the first and second floors via new wood, steel, and cold-formed metal framing, as well as new concrete foundations. New wood shear walls, sheathing, collector elements, and steel braced frames will be installed to ensure compliance with contemporary lateral load requirements.
2. These notes highlight but do not replace the specifications contained in the Project Manual.
3. The applicable building code are the 2021 IBC and 2021 IEBC.
4. Refer to the Design Loads and Factors table on sheet S002 for code required loads for the project.
5. Refer to the Special Inspections tables on sheets S005 and S006 for special inspection requirements for the project. Work the Special Inspections Table in conjunction with the specifications.
6. Contractor is solely responsible for means and methods during the course of the work. Do not damage or endanger the structural integrity of the Work or Existing Structure.
7. Contractor shall be responsible for the proper and safe design of shoring systems for trenches and excavations.
8. Notify Structural Engineer of Record (SEOR) in case of discrepancies between drawings, these notes, and the Project Manual before proceeding with the work.
9. Use architectural drawings and drawings of other disciplines in conjunction with the structural drawings to properly perform the work.
10. If conditions disclosed during excavation and demolition reveal unforeseen conditions, promptly request direction from Architect before proceeding.
11. Contractor is responsible for coordinating between sub-contractors.
12. Do not scale drawings.
13. Field dimensions
    A. If structural drawings are used for laying out column centers and wall lines, all dimensions shall first be verified with the architectural drawings. Layout shall be checked before work is begun.
    B. Verify all dimensions and accurately locate all existing columns, bearing walls, and other structural members before beginning work.
14. Sections and details shown, while drawn for specific locations, are intended to establish the general types of details to be used throughout.
15. The SEOR's review of a submittal shall not relieve the Contractor of their responsibility to follow the intent of the contract drawings.

## DELEGATED DESIGN ITEMS

1. Employ or retain a licensed professional engineer in the project jurisdiction to design and detail the following performance specified structural components:
    A. Concrete mix design
    B. Structural steel connections
    C. Shoring / Scaffolding
    D. Temporary excavation support
    E. Underpinning
    F. Cold formed steel framing
    G. Stairs and railings
2. See individual material sections for additional requirements.

## EXISTING BUILDING/STRUCTURE NOTES

1. Existing building conditions have been established based on existing structural drawings prepared by Sheladia Associates, Inc. dated 12/31/1981. The contractor shall reference these drawings for existing structural information not shown. These drawings are available from the Owner upon request.
2. Utmost care shall be exercised at all times when working on existing structural members and masonry bearing walls to avoid impairing the carrying capacity of the existing structure.
    A. Should the SEOR determine that the carrying capacity of the existing structure has been impaired by, or as a result of, the operations of the Contractor, or is otherwise not in conformance with the contract documents, appropriate remedial work shall be required.
    B. Any damage resulting from the operations of the Contractor shall be repaired as directed by the Owner's representative at no additional cost to the Owner.
3. Notify the SEOR before cutting or removal of any part of the existing structure not indicated to be modified or demolished.
4. Burning or welding in the building is strictly prohibited.
5. Contractor shall coordinate locations and dimensions of all penetrations through existing masonry walls with mechanical/electrical/plumbing drawings and provide lintels or sleeves per structural details. The contractor shall provide an allowance in their bid/pricing for this work.
6. Contractor shall infill all abandoned mechanical/electrical/plumbing penetrations in existing masonry walls with new or salvaged masonry, to the satisfaction of the Architect. The masonry sub-contractor shall provide an allowance in their bid/pricing for this work.
7. Definitions:
    A. Remove: Detach items from existing construction and dispose of them off-site unless indicated to be salvaged or reinstalled.
    B. Remove and Salvage: Detach items from existing construction, in a manner to prevent damage, and store.
    C. Remove and Reinstall: Detach items from existing construction, in a manner to prevent damage, prepare for reuse, and reinstall where indicated.
    D. Remove and Replace: Detach items from existing construction and replace in kind.
    E. Existing to Remain: Leave existing items that are not to be removed and that are not otherwise indicated to be salvaged or reinstalled.
    F. Dismantle: To remove by disassembling or detaching an item from a surface, using gentle methods and equipment to prevent damage to the item and surfaces; disposing of items unless indicated to be salvaged or reinstalled.
8. Work shall be completed in a manner consistent with the Secretary of Interior's Standards for Restoration.

## SITE PREPARATION

1. Locate and mark all underground utility lines before starting work and call all local jurisdictions having authority.
2. Provide for the proper and safe design and installation of all sheeting and shoring excavation support systems. All sheeting and shoring systems shall be designed by a professional engineer engaged by the Contractor and registered in the state of the project. Submit signed and sealed shop drawings and calculations to the SEOR for review.
3. Permanent or abandoned timber lagging must be preservative treated prior to use to prevent insect infestation.
4. Discharge pumped water as directed by owner and in accordance with applicable federal, state & local regulations.
5. Preliminary grading shall be such that surface water is diverted away from the excavation.

## FOUNDATIONS

1. Foundations are designed for a bearing pressure of 3,000 psf based on a subsurface exploration program conducted by Langan Engineering and described in report dated 05/29/2024. Contractor shall notify the Geotechnical Engineer for inspection before placing any footings.
2. Bottom of all exterior foundations shall be a minimum of 2'-6" below finished grade.
3. Geotechnical engineer shall inspect and report on adequacy of bearing material.
4. Footings should be cast on the same day in which excavation for them is completed. If placing of concrete is delayed, footing bottom shall be trimmed to firm material immediately before casting.
5. Place concrete in dry excavations only. Note soil and water conditions as shown by borings and depths of footings as shown on foundation plans. Pending approval by the Owner, Contractor may elect to conduct further subsurface investigations at their own expense.
6. Where trench bottoms are dug below adjacent footing bottoms on a slope steeper than one vertical to two horizontal, the trench shall be backfilled with lean concrete to the point where the stated slope crosses the trench.
7. Footings shall be formed unless otherwise permitted by the SEOR.
8. Provide continuous keyway and dowels in top of wall footing supporting concrete walls.
9. Refer to specifications and architectural drawings for waterproofing details and procedures.
10. Backfilling:
    A. Before backfilling walls, grout and/or concrete shall have attained design strength, and all slabs and beams that are necessary for the stability of the walls shall be in place.
    B. Backfill shall be carried up evenly on both sides of wall to lower grade.
    C. Backfill shall be placed in maximum of 6" loose lift thickness and compacted to 95% of Modified Proctor in accordance with ASTM D1557.
11. Structural fill, including under footings:
    A. Shall be placed in maximum of 6" loose lift thickness and compacted to 95% of Modified Proctor in accordance with ASTM D1557. Testing shall be at each footing for each lift.
    B. On-site or imported granular fills including GW, GM, SW, SP, SM, SC Classified in accordance with the Unified Soil Classification System (USCS) and within 2% of optimum moisture. Furthermore, the material to be utilized as structural fill should have a plasticity index (PI) less than 15, subject to final approval by the Geotechnical Engineer.
12. Fill under slabs on grade shall be compacted to 95% of Modified Proctor density in accordance with ASTM D1557. See specification for required testing. Tests shall be performed for each lift.

## REINFORCED CONCRETE

1. Concrete construction shall follow requirements of the project specifications and ACI 301 "Specifications for Structural Concrete".
2. Detail, fabricate and place reinforcing and bar supports in accordance with the provisions set forth by the American Concrete Institute and the CRSI "Manual of Standard Practice."
3. Provide shop drawings showing full information for reinforcing placement. Develop all member elevations and sections with pertinent elevations given, to clearly indicate the position of the reinforcement and construction joints, without reproducing sections, plans, or elevations from the design drawings.
4. Provide reinforcing steel conforming to ASTM A615, Grade 60.
5. Length of reinforcing bars, if shown, does not include hooks.
6. Welded wire fabric shall conform to ASTM A1064. Epoxy coated welded wire fabric shall conform to ASTM A884.
7. Concrete properties: See schedule on sheet S003.
8. Clear cover for cast-in-place concrete reinforcing: See schedule on sheet S003.
9. Reinforcement not shown on sections and plans is the same as that shown in similar sections and at similar locations.
10. Extend reinforcing through construction joints or provide dowels equal in size and number to bars in the doweled member. Develop or splice dowels on each side of cold joint according to the reinforcing development length tables on S003 and respective typical details.
11. Use stirrup and tie bending radii for all #3 through #5 bars.
12. Slabs on Grade:
    A. Unless otherwise noted, slab on grade shall be reinforced with 6x6, W2.0 x W2.0 WWF, lapped 6" on all sides, set 1-1/2" below top of slab.
    B. Contractor shall submit a layout of proposed construction joints for review. Form construction joints with key.
    C. Provide premolded joint filler where slab abuts vertical surface ex: columns, pedestals.
13. Rigid foam insulation shall be expanded polystyrene (EPS) foam insulation board (ASTM C578) with a minimum compressive strength of 30 psi (ASTM D1621). Use a polystyrene compatible adhesive to hold boards in place.
14. Allow concrete to dry as required by floor finish/adhesive manufacturer before installing finishes. Test slab for moisture content and/or moisture vapor evaporation rates per ASTM F710 to verify adequate dryness in accordance with the flooring manufacturer's preparation requirements. Refer to ACI 302.1R and NRMCA CIP 28 for further discussion.
15. Extent of depressed slab areas is shown on **[architectural]** plans.
16. See other drawings in this project for size and location of equipment pads and curbs.
17. Contractor shall notify Owner's inspection agency before placement of concrete to allow for inspection of reinforcing placement, clearance, stud quantities on steel beams, and to confirm debris has been removed from forms.
18. Refer to specifications and special inspections table for testing requirements.

## UNDERPINNING-DELEGATED DESIGN

1. Underpinning of existing building foundations and walls is required. The extent of underpinning is indicated on the foundation plan. Bottom of existing foundation elevations are approximate and will require field verification by the contractor and specialty engineer prior to preparation of underpinning submittals.
2. Engage a qualified Professional Engineer licensed in the state in which the project is contracted to design underpinning and permanent tie-backs. Submit signed and sealed shop drawings and calculations for the underpinning system.
3. Information Submittal Requirements:
    A. Underpinning Contractor Statements of Qualifications-Proof and descriptions of at least five (5) underpinning projects of similar size and scope performed within the past 5 years.
    B. Delegated Designer Qualifications-Contractor shall also provide a resume and brief history of delegated designer engaged by the contractor to perform calculations and prepare plans and details for underpinning.
4. Action Submittal Requirements:
    A. Engineered Calculations and Shop Drawings-Bound calculations, signed and sealed by the specialty engineer shall be submitted with plans, sections and details prepared to describe the scope and sequence of the underpinning. Shop drawings shall convey construction sequence, methods, proposed depths, and bearing conditions of underpinning.
    B. Underpinning Concrete Mix Designs
5. Prior to the start of work, the contractor and specialty engineer shall visit the site to review and verify conditions that may impact the design and construction of underpinning.
6. Contractor shall photograph and document all existing conditions. Submit one (1) copy of existing condition documentation to the Owner/Owner's Representative and maintain one (1) copy in the field office.
7. Typical completed underpinning details provided on sheet S302 convey the intent of the completed design. It is the responsibility of the contractor and their engineer to develop the construction sequence, and provide the means and methods required to satisfy the intent of these drawings.
8. Pre-Installation Conference: Conduct a pre-installation conference at the site to review underpinning procedures prior to execution of underpinning work. Attendees should include the Owner and Contractor.
9. Non-Shrink Grout: Provide a 5000 psi (at 28 days) non-metallic, non-shrink grout complying with ASTM C1107.
10. Refer to the project manual for additional product information.
11. Bear the bottom of underpinning on subgrade having a bearing capacity equal to or greater than the allowable soil bearing pressure as indicated in the foundation notes. Prior to casting concrete, notify the geotechnical engineer so subgrade inspection services at the bearing level are provided for each underpinning pier.
12. Allow underpinning concrete to cure 24 hours before dry-packing the void between underside of existing foundation and top of underpinning. Dry-pack material shall be damp, not wet. Dry-packing material shall be non-shrink, non-metallic grout or consist of 1 part Portland cement and 2 to 3 parts coarse sand mix. Ram in place with a hardwood compactor. Allow dry-packing to cure 24 hours before excavating the next section.

## STRUCTURAL STEEL

1. Detail, fabricate, and erect structural steel in accordance with AISC 360 and AISC 303 "Code of Standard Practice".
2. Structural steel design is based on the Allowable Strength Design (ASD) methodology. All loads shown on drawings are unfactored (service) loads, unless noted otherwise.
3. The structural steel detailer shall develop all elevations, plans, and sections without reproducing same from the design drawings. Detailer shall adequately cross reference the structural drawings to the satisfaction of the SEOR. All shop drawings shall be submitted for review and review comments incorporated prior to fabrication.
4. Materials shall conform to the following:
    A. W-Shapes, WTs, & Channels 8" or deeper - ASTM A992 (Fy = 50 ksi)
    B. Channels less than 8" deep - ASTM A36 (Fy = 36ksi)
    C. Angles - ASTM A572, Gr 50 (Fy = 50 ksi)
    D. Hollow Structural Sections (HSS) - ASTM A500, Gr C (Fy = 50 ksi)
    E. Structural Pipes - ASTM A53, Gr B (Fy = 35 ksi)
    F. Plates 4" thickness or less - ASTM A572, Gr 50 (Fy = 50 ksi)
    G. Bars & Rods - ASTM A36, Gr 36 (Fy = 36 ksi)
    H. High Strength Bolts – ASTM F3125: Grade A325 or F1852 TC Bolts; Grade A490 or F2280 TC Bolts (as required)
    I. Anchor Rods - ASTM F1554, Gr 36
    J. Welding Electrode – AWS A5.1 E70XX
5. Connections:
    A. DELEGATED DESIGN: The design of all connections is the responsibility of the Contractor and shall be performed by the Contractor's qualified Professional Engineer. See plans and elevations for reactions and forces. Submit comprehensive engineering design calculations, signed and sealed by a Professional Engineer licensed in the state of construction, prior to submitting piece detail shop drawings.
    B. Connections shall be standard AISC connections using 3/4" dia. high-strength bearing, type N bolts, unless noted otherwise.
    C. Moment Connections: All moment connections shall be fully restrained moment connections as defined by the AISC Specification for Structural Steel Buildings, unless noted otherwise.
    D. All bolted moment and bracing connections shall be slip-critical joints. Faying surfaces in slip-critical joints shall be uncoated.
    E. All bolted beam and girder to column connections and bolted column splices shall be pretensioned joints.
    F. Provide standard AISC high-strength bolted connections for connections of new work to existing steel beams and columns. Drill existing steel to receive new bolted connections; do not flame-cut holes.
    G. Minimum depth of shear connections shall be half the beam depth, two-bolt minimum.
    H. All bolts, nuts, washers and related hardware for exterior and other galvanized steel construction shall be mechanically galvanized according to ASTM B695, Class 55.
    I. Provide minimum weld sizes in accordance with AISC 360 Specification for Structural Steel Buildings.
    J. Electrodes shall be suited to grade and weldability of base metal.
    K. Use AWS certified welders for structural welding.
6. Steel framing shall be properly guyed, aligned and plumbed within AISC tolerances before proceeding with final connections.
7. Provide 1/4" setting/leveling plates under all steel columns, unless otherwise noted.
8. Furnish anchor rods with leveling nuts when leveling plate is not utilized.
9. Base plates shall be shop welded to columns; larger plates may be shipped separately and field welded.
10. Provide a survey of in-place anchor bolt locations to the steel fabricator. Adjust anchor bolt holes accordingly before fabrication of column base plates and delivery to the site.
11. All cap plates shall match flange thickness of beam above (1/2" minimum thickness) for beams bearing on columns.
12. Cap all HSS and pipe columns with 1/8" plate.
13. Punch or drill holes for architectural and mechanical details in shop. See other drawings for location.
14. Field cutting or burning of structural steel is prohibited.
15. Steel deck shall be manufactured by a member firm of the Steel Deck Institute (SDI) and shall be detailed, fabricated and erected in accordance with SDI specifications.
    A. See plans for steel deck type, depth and gauge.
    B. Attach steel deck to supporting steel and fasten side laps in accordance with SDI requirements.
    C. Deck gauges indicated are minimums based on three span conditions. Contractor shall verify all steel deck shoring requirements and provide temporary shoring in accordance with the steel deck manufacturer. The contractor may elect to provide heavier deck gauges to reduce temporary shoring requirements.
16. See architectural drawings for additional steel not shown on structural drawings.
17. Cap all exterior HSS and pipe sections with 1/8" plates and galvanize. Seal weld to end of member. Fill all vent holes after galvanizing by plugging with zinc solder and filing off smooth Maintain permanent weep holes at the base of exposed columns and beams.
18. Galvanize exterior exposed steel in accordance with ASTM A-123. Repair scratched or abraded galvanized surfaces with zinc-rich coating. After galvanizing, straighten members to meet AISC standard mill tolerances.
19. Where plates, angles or other miscellaneous members require welding or slip-critical connections, mask connection surfaces prior to shop priming and touch-up with primer after completing connection.
20. See architectural drawings for identification of members to be classified as "Architecturally Exposed Structural Steel (AESS)".
21. Provide adjustable connections for all members designated as AESS to facilitate adjustment to achieve the specified tolerance.

## STRUCTURAL DRAWINGS LIST

| SHEET NUMBER | DRAWING TITLE | 2024-12-13 - DD PRICING | 2025-01-10 - 100% DD | ↕ |
|---|---|---|---|---|
| S000 | GENERAL NOTES - STRUCTURE | • | • | |
| S001 | GENERAL NOTES - STRUCTURE | • | • | |
| S002 | DESIGN LOADS, SYMBOLS, & NOTES | • | • | |
| S003 | CONCRETE & CMU SCHEDULES | • | • | |
| S004 | WOOD & STEEL SCHEDULES | • | • | |
| S005 | SPECIAL INSPECTIONS | • | • | |
| S006 | SPECIAL INSPECTIONS | • | • | |
| S100 | BASEMENT PLAN | • | • | |
| S101 | FIRST FLOOR FRAMING PLAN | • | • | |
| S102 | SECOND FLOOR FRAMING PLAN | • | • | |
| S103 | THIRD FLOOR FRAMING PLAN | • | • | |
| S104H | HIGH ROOF FRAMING PLAN | • | • | |
| S104L | LOW ROOF FRAMING PLAN | • | • | |
| S200 | BUILDING ELEVATIONS | • | • | |
| S201 | BUILDING SECTIONS | • | • | |
| S300 | TYPICAL DETAILS - FOUNDATIONS | • | • | |
| S301 | TYPICAL DETAILS - FOUNDATIONS | • | • | |
| S302 | TYPICAL DETAILS - UNDERPINNING | • | • | |
| S400 | TYPICAL DETAILS - WOOD | • | • | |
| S401 | TYPICAL DETAILS - WOOD | • | • | |
| S402 | TYPICAL DETAILS - STEEL | • | • | |
| S403 | SECTIONS & DETAILS | • | • | |
| S404 | SECTIONS & DETAILS | • | • | |
| S405 | SECTIONS & DETAILS | | • | |
| S406 | SECTIONS & DETAILS | | • | |

DRAFT

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| DESIGNED: NJP | SUB SHEET NO. S000 | TITLE OF SHEET: GENERAL NOTES – STRUCTURE<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. |
| CADD: LJM | | | PMIS/PKG NO. |
| TECH. REVIEW: BDW | | | SHEET ____ OF ____ |
| DATE: 1/10/2025 | | | |

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**STRUCTURAL WOOD FRAMING**

1. Provide wood framing, including details for bridging, blocking, fire stopping, etc., in accordance with the following standards:
   A. American Forest & Paper Association (AFPA) "National Design Specification for Wood Construction (NDS)" and its supplements.
   B. American Forest & Paper Association (AFPA) "Wood Frame Construction Manual for One- and Two-Family Dwellings".
   C. American Institute of Timber Construction (AITC) "Timber Construction Manual".
2. Framing lumber shall be of the following species and minimum grade:
   A. Rafters: Hem Fir, No. 2 or better.
   B. Joists: Hem Fir, No. 2 or better.
   C. Beams: Hem Fir, No. 1.
   D. Studs: Hem Fir, stud grade.
   E. Plates: Hem Fir, stud grade.
3. Exterior lumber shall be of the following species and minimum grade:
   A. Porch Roof Rafters: Hem Fir, No. 2 or better.
   B. Posts and Ground-Level Framing: Southern Pine, No. 2 or better, preservative treated.
4. Timber (lumber 5x5 and larger) shall be of the following species and minimum grade:
   A. Posts and Timbers: Hem Fir, No. 1 or better.
   B. Beams and Stringers: Hem Fir, No. 1 or better.
5. Factory mark each piece of framing lumber with grade stamp of, or certificate of inspection issued by, an approved grading or inspection agency.
6. Protect wood materials to limit maximum moisture content during construction to below 15%.
7. Framing lumber shall be surface dry, except studs, which shall be kiln-dried.
8. Preservative-treated wood: Provide preservative-treated lumber at all exterior locations, and for all lumber in contact with slab on grade, concrete or masonry, or as otherwise indicated on architectural or structural drawings. Treatment shall be in accordance with industry standard practice.
9. Members shall be set with crown up and have a minimum of 3" bearing.
10. Where solid sawn framing lumber is flush framed to Microllam, Glulam, Parallam, flitch plate or steel girders, set the girders 1/4" clear below top of framing lumber to allow for framing lumber shrinkage.
11. Stud bearing walls are to be constructed with single bottom plate and double top plate, unless noted otherwise on plan.
12. Provide double studs at the ends of walls and at the ends of wall openings.
13. Use double trimmers and double headers at all floor openings where beams are not designated.
14. Lap all top plates at corners and at intersection of partitions.
15. Stagger top plate lap splices 32" minimum in straight wall runs. Do not splice or lap top plates within 4'-0" of corners.
16. Provide solid bridging between joists at third points. Spacing shall not exceed 8'-0".
17. Do not cut or notch beams and joists.
18. Stud bearing walls shall have bridging at mid-height or 8'-0" max.
19. Provide double joists under all partitions, unless noted otherwise.
20. Drill pilot holes for lag screws in accordance with NDS requirements. Do not install lag screws with impact drivers.
21. Notching, boring and surfacing of existing wood members in preparation for structural steel connections shall be performed by carpenters only.

**WOOD CONNECTORS AND FASTENING**

1. All joist hangers, cross bridging, and all connectors for wood construction shall be galvanized steel as manufactured by Simpson Strong Tie. Special nails as supplied by the manufacturer shall be used for connector installation.
2. Connectors shall be of type and size shown on schedule and details.
3. All fastening not shown shall be in accordance with the most restrictive of the International Residential Code, IBC fastening schedule Table 2304.9.1, and relevant manufacturer's requirements.
4. All nails shall meet the requirements of ASTM F1667.Wood screws shall meet the requirements of ANSI/ASME B18.6.1. Bolts and lag screws shall meet the requirements of ANSI/ASME B18.2.1.
5. Power-Driven Fasteners shall comply with NES NER-272.
6. Where rough carpentry is exposed to weather, in contact with ground, and/or preservative-treated, fasteners shall be stainless steel or hot-dip galvanized complying with ASTM A153; connectors shall be hot-dip galvanized complying with ASTM A653, G185 coating designation.
7. Install metal framing connectors to comply with manufacturer's guidelines.
8. Connectors in contact with preservative treated members shall be ASTM A653 G185 galvanized. Fasteners shall match the selected hanger finish and material.
9. Nailers shall be mechanically fastened to the tops of steel beams with 2 rows of 1/2" diameter bolts or P.A.F. at 4'-0" (staggered). Bolt heads shall be countersunk.

**ENGINEERED WOOD FRAMING**

1. "Laminated Veneer Lumber, LVL" beam minimum properties: Fb = 2,600 psi, Fc = 750 psi, Fv = 285 psi, E = 2,000,000 psi as manufactured by TrusJoist by Weyerhaeuser or approved equal.
2. "Parallel Strand Lumber, PSL" beam minimum properties: Fb = 2,900 psi, Fc = 625 psi, Fv = 290 psi, E = 2,000,000 psi as manufactured by TrusJoist by Weyerhaeuser or approved equal.
3. Factory mark each piece of an engineered wood product with grade stamp of, or certificate of inspection issued by, an approved grading or inspection agency.
4. Do not cut holes or notches in engineered wood products unless in strict compliance with the manufacturer's guidelines.

**SHEATHING**

1. Plywood sheathing shall conform to the Department of Commerce Voluntary Product Standard PS1 "Structural Plywood" (DOC PS1); oriented strand board (OSB) shall conform to the Department of Commerce Voluntary Product Standard PS2 (DOC PS2).
2. Sheathing shall be of the following thickness and properties:
   A. Roof: 23/32" T&G with 48/24 span rating, APA rated EXP 1. Use ply clips or other edge support as required for installation.
   B. Floor: 3/4" tongue and groove, 48/24 span rating, APA rated Exposure 1, Underlayment.
   C. Wall: 1/2" 32/16 span rating, APA rated EXP 1, except where noted otherwise for shear walls
3. All sheathing shall be APA grade stamped for specified span rating. Index stamp shall be visible on all sheets.
4. Floor sheathing shall be screwed and glued to framing using an APA approved elastomeric construction adhesive; stagger joints.
5. Sheathing shall be installed such that the long direction is perpendicular to the span of the floor framing.
6. Install sheathing with 1/8" gap between adjacent panels to allow for expansion.
7. Provide AWPA C9 preservative-treated plywood as indicated on drawings and at plywood in contact with masonry and/or concrete.

**COLD-FORMED METAL FRAMING**

1. Cold-formed metal framing shall be designed in accordance with AISI "North American Specification for the Design of Cold-Formed Steel Structural Members" and the "Code of Standard Practice for Cold-formed Steel Structural Framing".
2. Installation of cold-formed metal framing shall be in accordance with the AISI S200 - "Standard for Cold-Formed Steel Framing - General Provisions".
3. Install members level, plumb, and true to line to a maximum tolerance of 1/8" in 10'.
4. Deflection Limits:
   A. Floor Framing – span/360 live load; span/240 total load
5. Maximum spacing of stud/joist bridging shall be in accordance with AISI specification.
6. All framing shall be G-60 coated for interior construction, in accordance with ASTM C955.

**MASONRY**

1. Masonry shall be constructed in accordance with TMS 602.
2. All concrete masonry units shall conform to ASTM C90. Provide two-cell units, unless noted otherwise on plans.
3. Compressive strength (f'm) of all concrete unit masonry assemblies shall be 2000 psi at 28 days.
4. Concrete Unit Masonry Strength: Compressive strength of concrete unit masonry (f'm) may be determined either by strength or individual units, grout strength, and mortar type in accordance with TMS 602 article 1.4.B.2.b or by prism test method in accordance with TMS 602 article 1.4.B.3. Submit data and test results to validate masonry system strength via one of the two referenced methods.
5. Use ASTM C270, Type S mortar below grade.
6. Use ASTM C270, Type M or S mortar for CMU above grade.
7. Lay CMU in piers, columns, pedestals and partially-grouted walls with face shells and webs fully bedded in mortar. Align vertical cells to be grouted. Fully-grouted walls may be bedded with face shells only.
8. Grout for masonry shall conform to ASTM C476 with a minimum 2000 psi compressive strength at 28 days. Provide coarse grout unless dimensions of grout spaces and pour heights dictate fine grout according to TMS 602/ACI 530.1/ASCE 6.
9. See architectural drawings for other masonry requirements.
10. Coordinate locations of beam pockets with steel erector and other trades.
11. Lintels for load bearing walls are shown on plan.
12. Grout a minimum of two complete courses solid under bearing for beams and at bolts for wall anchorage.
13. Provide continuous bond beam at top of wall and at floor below bearing for beams. Reinforce bond beams with1-#5 continuous.
14. Install ladder-type joint reinforcement at 16" o.c.. Discontinue joint reinforcing at control joints.
15. n existing rubble and brick masonry walls, infill unused joist and beam pockets, openings, or other cavities and recesses with solid masonry. Provide an allowance in bid/pricing for this work.
16. Rebuild masonry jambs when saw cutting new openings into existing masonry walls. Provide an allowance in bid/pricing for this work.
17. Coordinate control and expansion joints with architectural drawings and recommendations of the Brick Industry Association and the National Concrete Masonry Association.
18. Provide shop drawings showing full information for reinforcing steel placement.
   A. Reinforcing steel detailer shall adequately cross reference the structural drawings to the satisfaction of the SEOR.
   B. Reinforcing steel detailer shall develop all wall elevations and sections with pertinent elevations given, to clearly indicate the position of the reinforcement and construction joints, without reproducing sections, plans, or elevations from the design drawings.

**POST-INSTALLED ANCHORS**

1. Refer to Post Installed Anchor table on sheet S___ for anchor products. Substitution requests for alternate products must be approved in writing by the SEOR prior to use.
2. Drill and install post-installed anchors according to manufacturer's printed installation instructions. All holes shall be drilled using the Hilti SafeSet system with Hilti hollow drill bit.
3. Anchor capacity is dependent upon spacing between adjacent anchors and distance of anchors to the edge of base material. Anchors shall be installed in accordance with spacing and edge distance requirements indicated on the drawings.
4. Do not cut or damage existing reinforcement in concrete or CMU during drilling operations without prior approval from the SEOR. Offset anchor locations to clear existing reinforcement should reinforcing bars be encountered during drilling. It is recommended that the existing concrete or CMU be scanned to locate existing reinforcement prior to drilling for anchors.
5. Oversized holes may be provided for field adjustment of the anchors, provided 5/16" thick plate washers are field welded (3/16" all around) to the member. Provide standard holes in plate washers.
6. All post-installed anchors shall meet ICC-ES Compliance for each type of application.
7. Submit product information and ICC-ES Evaluation Report for each anchor.
8. All anchor designs are for installation in the following conditions, unless noted otherwise. Written approval must be received from SEOR prior to installation of adhesive anchors in alternate conditions.
   A. Dry concrete.
   B. Concrete temperature at time of installation must be between 14° F and 104° F. See manufacturer's printed installation instruction for adhesive gel and cure times.
   C. Anchor holes to be hammer drilled.
   D. Anchor holes to be cleaned per manufacturer's printed installation instructions prior to adhesive injection.
9. All installers of post-installed anchors shall be Hilti Certified. Submit certificates for record.
10. All post-installed anchors in concrete shall be suited for use in seismic and cracked concrete applications.
11. Cells at the anchor and one course above and below the anchor shall be grouted solid for expansion or adhesive anchors installed in CMU grouted solid.
12. Adhesive anchors in masonry and hollow CMU shall be installed with mesh sleeves.
13. Coordinate required holes sizes in steel members with manufacturer's installation requirements and method of installation.

**SHORING/SCAFFOLDING**

1. The contractor shall submit shoring/scaffolding shop drawings and calculations, prepared and sealed by a professional engineer licensed in the state of the project, for the following:
   A. Earthwork sheeting and shoring.
   B. Building/structure support shoring.
   C. Scaffolding.
2. Shoring and scaffolding shall comply with O.S.H.A. regulations.
3. The SEOR will review shoring/scaffolding submittals only for loads transmitted to the building structure. Submittals shall clearly indicate the location and magnitude of all loads applied to the building or structure. The contractor is responsible for design and performance of the shoring/scaffold system.

## STANDARD ABBREVIATIONS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ABV | Above | DIAG | Diagonal | JT | Joint | RD | Roof Drain |
| ADDL | Additional | DIM(S). | Dimension(s) | k | Kip (thousand pounds) | RDK | Roof Deck |
| ADH | Adhesive | DIR | Direction | KB | Knee Brace | REF | Reference |
| ADJ | Adjacent, Adjustment | DK | Deck | LB, # | Pound | REINF | Reinforce(d)/ Reinforcement |
| AESS | Architecturally Exposed Structural Steel | DL | Dead Load | LDGR | Ledger (board) | REQ(D) | Require(d) |
| | | DN | Down | LEN | Length | RET | Retaining |
| AFF | Above Finished Floor | do. | Ditto | LG | Long | REV | Revise(d)/Revision |
| AGG | Aggregate | DP | Deep | LL | Live Load | RO | Rough Opening |
| ALT | Alternate | DS | Drilled Shaft, Drag Strut | LLBB | Long Legs Back to Back | RQMT(S) | Requirement(s) |
| ANCH | Anchor | | | LLH | Long-Leg Horizontal | RXN | Reaction |
| APRX | Approximate | DWG(S) | Drawing(s) | LLV | Long-Leg Vertical | SC | Slip-Critical (connection) |
| AR | Anchor Rod | DWL | Dowel | LOCN | Location | SCHED | Schedule |
| ARCH | Architect(ural) | (E) | Existing | LONGIT | Longitudinal | SECT | Section |
| BOT, B | Bottom | EA | Each | LP | Low Point | SEOR | Structural Engineer of Record |
| B/ | Bottom of | EE | Each End | LSH | Long Side Horizontal | SF | Square Foot |
| B-B | Back-to-Back | EF | Each Face | LSL | Long-Slotted Hole, Laminated Strand Lumber | SFRM | Spray-Applied Fire Resistant Material |
| BAL | Balance | EJ | Expansion Joint | | | | |
| BCE | Bot Chord Extension | EL | Elevation | LSV | Long Side Vertical | SHRG | Shoring |
| BEL | Below | ELEC | Electrical | LVL | Laminated Veneer Lumber | SHTHG | Sheathing |
| BF | Braced Frame | ELEV | Elevator | LW | Long Way | SIM | Similar |
| BLDG | Building | EMBED | Embedment/Embedded | LWC | Light Weight Concrete | SL | Slope(d) |
| BLK(G) | Block(ing) | ENGR | Engineer | M | Moment | SLBB | Short Legs Back to Back |
| BM | Beam | EOD | Edge Of Deck | MAS | Masonry | SLV | Sleeve |
| BP | Base Plate | EOS | Edge Of Slab | MATL | Material | SOD | Slab On Deck |
| BR | Brace(ing) | EQ | Equal | MAX | Maximum | SOG | Slab On Grade |
| BRDG | Bridging | EQP | Equipment | MECH | Mechanical | SPA | Space(s)/Spacing |
| BRG | Bearing | ES | Each Side | MFR | Manufacturer | SPEC(S) | Specification(s) |
| BRK | Brick | EXCAV | Excavate/Excavation | MIN | Minimum | SQ | Square |
| BRKT | Bracket | EXP | Expansion | MISC | Miscellaneous | SS | Stainless Steel |
| BS | Both Sides | EXT | Exterior | MO | Masonry Opening | SSL | Short-Slotted Hole |
| BSMT | Basement | EW | Each Way | MONO | Monolithic | STD | Standard |
| BT | Bent | F/ | Face of | MTL | Metal | STIFF | Stiffener |
| BTWN | Between | FAB | Fabricate | NIC | Not In Contract | STIR. | Stirrup |
| BYD | Beyond | FDN | Foundation | NO. | Number | STL | Steel |
| CANT | Cantilever | FIN. | Finish(ed) | NOM | Nominal | STRUC | Structural |
| CAP. | Capacity | FL | Floor | NS | Near Side | SUPT | Support |
| C-C | Center-to-Center | FLG | Flange | NTS | Not To Scale | SW | Short Way |
| CE | Concrete Encased | FP | Fireproofing | NWC | Normal Weight Concrete | SYM | Symmetrical |
| CFMF | Cold-Formed Metal Framing | FRMG | Framing | OC | On Centers | T | Top |
| CHAM | Chamfer | FRP | Fiber-Reinforced Polymer | OD | Outside Diameter | T/ | Top of |
| CI | Cast Iron | FS | Far Side | O.F. | Outside Face | T&B | Top and Bottom |
| CIP | Cast In Place | FT | Feet | O-O | Out-to-Out | TC | Terra Cotta |
| CJ | Control/Contraction Joint | FTG | Footing | OPG | Opening | TCE | Top Chord Extension |
| CL | Centerline | FUT | Future | OPP | Opposite | TEMP | Temporary, Temperature |
| CLG | Ceiling | GA | Gage | OSB | Oriented Strand Board | T&G | Tongue and Groove |
| CLR | Clear | GALV | Galvanize(d) | OSL | Outstanding Leg, Oriented Strand Lumber | THD | Thread(ed) |
| CM | Construction Manager | GC | General Contractor | | | THK | Thick(ness) |
| CMU | Concrete Masonry Unit | GR | Grade | OVS | Oversized-Hole | TLS | Tension Lap Splice |
| COL | Column | GYP | Gypsum | PAF | Powder Actuated Fastener | TRANS | Transverse |
| COMB. | Combined | HDR | Header | PC | Precast Concrete, Piece | TYP | Typical |
| COMP | Composite | HEF | Horizontal Each Face | PCF | Pounds per Cubic Foot | UNO | Unless Noted Otherwise |
| CONC | Concrete | HGR | Hanger | PED | Pedestal | U-P | Underpinning |
| COND | Condition | HI. | High | PERP | Perpendicular | V | Shear |
| CONN | Connection | HIF | Horizontal Inside Face | PREFAB | Prefabricate(d) | VAR | Varies |
| CONST | Construction | HK | Hook(ed) | PL | Plate | VB | Vapor Barrier |
| CONT | Continuous | HOF | Horizontal Outside Face | PLF | Pounds per Lineal Foot | VEF | Vertical Each Face |
| CONTR | Contractor | HORIZ | Horizontal | PLYWD | Plywood | VERT | Vertical |
| COORD | Coordinate | HP | High Point | PMF | Premolded Filler | VIF | Vertical Inside Face, Verify In Field |
| COV | Cover | HT | Height | PROJ | Project(ion) | | |
| CP | Cap Plate | H&V | Horizontal & Vertical | PROV | Provide | VOF | Vertical Outside Face |
| CSK | Countersunk | HVAC | Heating, Ventilating, & Air Conditioning | PSF | Pounds per Square Foot | VR | Vapor Retarder |
| CTR | Center(ed) | | | PSI | Pounds per Square Inch | w/ | With |
| CY | Cubic Yard | I.D. | Inside Diameter | PSL | Parallel Strand Lumber | w/o | Without |
| DBL | Double | I.F. | Inside Face | PT | Preservative-Treated, Post-Tensioned | WD | Wood |
| DEMO, (D) | Demolition/Demolish | INFO | Information | | | WI | Wrought Iron |
| DEPR | Depress(ed)/Depression | INSTL | Install/Installation | PVC | Polyvinyl Chloride | WP | Work Point, Waterproofing |
| DET(S) | Detail(s) | INSUL | Insulation | QTY | Quantity | WT | Weight |
| DEV | Develop/Development | INT | Interior | R | Radius | WWF | Welded Wire Fabric |
| DIA, ∅ | Diameter | JST(S) | Joist(s) | RCMU | Reinforced Concrete Masonry Unit | XS | Extra Strong |
| | | | | | | XXS | Double Extra Strong |
| | | | | | | ± | Exist Dim or El (VIF) |

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|---|---|---|---|
| DESIGNED: NJP | SUB SHEET NO. S001 | TITLE OF SHEET: GENERAL NOTES – STRUCTURE<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. |
| CADD: LJM | | | PMIS/PKG NO. |
| TECH. REVIEW: BDW | | | SHEET ____ OF ____ |
| DATE: 1/10/2025 | | | |

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## STRUCTURAL DESIGN LOADS AND FACTORS

DESIGN CODE: INTERNATIONAL BUILDING CODE 2021 ED
ASCE 7-16

| DEAD & LIVE LOAD DATA - FLOOR & ROOF | | |
|---|---|---|
| FLOOR OR ROOF AREA | DL [psf] | LL [psf] |
| 1ST FLOOR - MAIN HALL | 15 | 100[1] |
| 1ST FLOOR - EXHIBIT ROOMS | 15 | 65[1] |
| 2ND FLOOR - MAIN HALL | 15 | 60 |
| 2ND FLOOR - EXHIBIT ROOMS | 15 | 40 |
| ROOF | 20 | 30 |

| RAIN & SNOW LOAD DATA | |
|---|---|
| GROUND SNOW LOAD (Pg) [psf] | 25 |
| FLAT ROOF SNOW LOAD (Pf) [psf] | 21 |
| MINIMUM SNOW LOAD (Pm) [psf] | 20 |
| SNOW LOAD IMPORTANCE (Is) | 1.0 |
| SNOW EXPOSURE (Ce) | 1.0 |
| THERMAL FACTOR (Ct) | 1.2 |
| SLOPE FACTOR (Cs) | -- |
| DRIFT SURCHARGE (Pd) [psf] | -- |
| DRIFT WIDTH (w) [ft] | -- |
| 1-HR RAIN INTENSITY (i) [in/hr] | 3.16 |
| 15-MIN RAIN INTENSITY (i) [in/hr] | 5.99 |

| WIND LOAD DATA | |
|---|---|
| RISK CATEGORY | II |
| WIND EXPOSURE | C |
| ULTIMATE WIND SPEED (Vult) (MPH) | 115 |
| NOMINAL WIND SPEED (Vasd) (MPH) | 89 |
| INTERNAL PRESSURE COEFFICIENT | ±0.18 |
| COMPONENTS AND CLADDING WIND PRESSURE [psf] | SEE SCHED |

| EARTHQUAKE DESIGN DATA | | |
|---|---|---|
| RISK CATEGORY | | II |
| SEISMIC IMPORTANCE FACTOR (Ie) | | 1.00 |
| MAPPED SPECTRAL RESPONSE ACCELERATION 0.2 SEC (Ss) | | 0.135 |
| MAPPED SPECTRAL RESPONSE ACCELERATION 1.0 SEC (S1) | | 0.043 |
| SITE CLASS | | C |
| DESIGN SPECTRAL RESPONSE ACCELERATION 0.2 SEC (Sds) | | 0.117 |
| DESIGN SPECTRAL RESPONSE ACCELERATION 1.0 SEC (Sd1) | | 0.043 |
| SEISMIC DESIGN CATEGORY | | A |
| ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE | | -- |
| | NORTH-SOUTH DIRECTION | EAST-WEST DIRECTION |
| BASIC SEISMIC-FORCE RESISTING SYSTEM | - | - |
| | Cs = ___ R=___ | Cs = ___ R=___ |
| DESIGN (ULTIMATE) BASE SHEAR [k] | - | - |

1. LIVE LOAD INCLUDES A 15PSF UNIFORM LOAD FOR PARTITIONS.

## COMPONENT & CLADDING WIND PRESSURES (PSF) - LOW RISE BUILDINGS

| SURFACE | ZONE | EFFECTIVE AREA (SF) | | | | |
|---|---|---|---|---|---|---|
| | | 10 | 20 | 50 | 100 | 500 |
| MONOSLOPE ROOF | NEGATIVE ZONE 1 | -- | -- | -- | -- | -- |
| | NEGATIVE ZONE 2 | | | | | |
| | NEGATIVE ZONE 2' | | | | | |
| | NEGATIVE ZONE 3 | | | | | |
| | NEGATIVE ZONE 3' | | | | | |
| | POSITIVE ALL ZONES | | | | | |
| GABLE ROOF | NEGATIVE ZONE 1 & 2e | -- | -- | -- | -- | -- |
| | NEGATIVE ZONE 2n, 2r, & 3e | | | | | |
| | NEGATIVE ZONE 3r | | | | | |
| | POSITIVE ALL ZONES | | | | | |
| | OVERHANG ZONE 1 & 2e | | | | | |
| | OVERHANG ZONE 2n & 2r | | | | | |
| | OVERHANG ZONE 3e | | | | | |
| | OVERHANG ZONE 3r | | | | | |
| WALLS | NEGATIVE ZONE 4 | -- | -- | -- | -- | -- |
| | NEGATIVE ZONE 5 | | | | | |
| | POSITIVE ZONE 4 & 5 | | | | | |

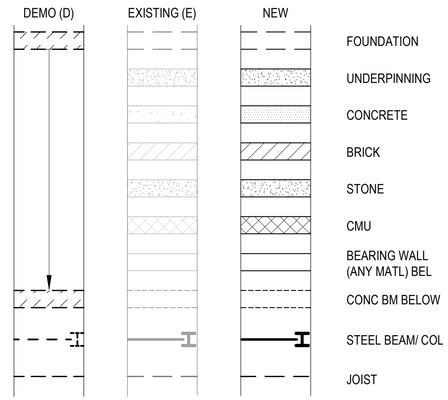
**NOTES:**

1. ZONE DESIGNATIONS PER ASCE 7.
2. ALL PRESSURES SHOWN ARE CALCULATED USING THE ENVELOPE METHOD (PART 1) IN ASCE 7.
3. ALL PRESSURES SHOWN ARE IN PSF AND ARE ULTIMATE LEVEL IN ACCORDANCE WITH ASCE 7.
4. POSITIVE PRESSURE ACTS TOWARDS BLDG SURFACE, NEGATIVE PRESSURE ACTS AWAY FROM BLDG SURFACE (SUCTION).
5. INTERPOLATION OF VALUES BETWEEN EFFECTIVE AREAS PERMITTED.
6. MINIMUM DESIGN WIND PRESSURE IS 16 PSF ACTING IN EITHER DIRECTION NORMAL TO SURFACE IN ACCORDANCE WITH ASCE 7.
7. WALL PRESSURES ARE FOR PRESSURE AT MEAN ROOF HEIGHT h UNLESS NOTED OTHERWISE.
8. THE EFFECTIVE AREA SHALL BE TAKEN AS THE TRIBUTARY AREA (SPAN LENGTH x EFFECTIVE WIDTH), EXCEPT THAT THE EFFECTIVE WIDTH NEED NOT BE LESS THAN 1/3 THE SPAN LENGTH.

## SYMBOLS

- 6" SOD (_'-__") — FLOOR/ROOF CONSTRUCTION SPAN DIRECTION w/ T/ SLAB ELEVATION, SEE PLAN NOTES
- 4" SOG (_'-__") — CONCRETE SLAB ON GRADE WITH TOP OF SLAB ELEVATION, SEE PLAN NOTES.
- BASE OF DISCONTINUOUS COLUMN
- TOP OF DISCONTINUOUS COLUMN
- L_ — LINTEL ABOVE (LOAD-BEARING), SEE SCHEDULE
- SLOPE ARROW
- SW16 — CMU SHEAR WALL, SEE SCHEDULE
- (_'-__") — SPOT ELEVATION, SEE PLAN NOTES.
- BF1 — BRACED FRAME DESIGNATION, SEE ELEVATIONS.
- SLAB STEP
- SLAB SLOPE
- DIAGONAL OR HORIZ BRACE, SEE PLAN AND SECTIONS
- RTU — MECHANICAL EQUIPMENT, SEE SCHEDULE FOR OPERATING WEIGHT. NOTIFY ENGINEER IF PURCHASED EQUIPMENT VARIES FROM THAT SHOWN.
- DIMENSION. DOT SNAPS TO CL OR GRIDS. TICK SNAPS TO EDGE OR FACE OF OBJECT.
- -- — (E) GRID LINE
- -- — NEW GRID LINE

## MATERIAL LEGEND




**CONSTRUCTION NOTATION**

WORK INDICATED IS NEW UNLESS NOTED AS
(E) = EXISTING CONSTRUCTION TO REMAIN.
(D) = DEMOLISH EXISTING CONSTRUCTION.
(R) = REPLACE EXISTING CONSTRUCTION WITH ____.

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| DESIGNED: | SUB SHEET NO. | TITLE OF SHEET | DRAWING NO. |
|---|---|---|---|
| NJP | S002 | DESIGN LOADS, SYMBOLS, & NOTES | |
| CADD: LJM | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. |
| TECH. REVIEW: BDW | | | SHEET ____ OF ____ |
| DATE: 1/10/2025 | | | |

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# REINFORCEMENT DEVELOPMENT & LAP SPLICE LENGTHS (TENSION ONLY)

**NOTES:**

1. LENGTHS GIVEN IN SCHEDULE ARE BASED ON GRADE 60, UNCOATED REINFORCEMENT IN NORMAL WEIGHT CONCRETE. INCREASE LENGTHS BY THE FACTORS LISTED BELOW BASED ON THE ACTUAL CONDITIONS. EACH FACTOR SHALL BE APPLIED WHERE MULTIPLE CONDITIONS OCCUR.
   - LIGHTWEIGHT CONCRETE = 1.3
   - EPOXY COATED REINF w/ CLEAR COVER LESS THAN 3xBAR DIA OR CLEAR SPACING LESS THAN 6xBAR DIA = 1.5
   - ALL OTHER EPOXY COATED REINF = 1.2
2. LENGTHS GIVEN IN SCHEDULES ARE BASED ON EITHER:
   - BEAMS & COLUMNS - CLEAR SPACING OF REINF NOT LESS THAN BAR DIA & CLEAR COVER OF AT LEAST BAR DIA
   - SLABS & WALLS - CLEAR SPACING OF REINF NOT LESS THAN 2xBAR DIA & CLEAR COVER NOT LESS THAN BAR DIA.

   INCREASE LENGTHS BY A FACTOR OF 1.5 IF THESE SPACING REQUIREMENTS ARE NOT MET.
3. CONCRETE STRENGTH INDICATED IS 28 DAY COMPRESSIVE STRENGTH.
4. CLASS A TENSION LAP SPLICE LENGTHS SHALL BE TAKEN AS THE DEVELOPMENT LENGTH. ONLY USE WHERE PERMITTED ON DRAWINGS.
5. LAP SPLICES SHALL BE MADE USING CONTACT OR NON-CONTACT LAP SPLICES IN ACCORDANCE WITH ACI. MECHANICAL SPLICE COUPLERS MAY BE USED IN LIEU OF LAP SPLICES AT CONTRACTOR OPTION.
6. WHEN BARS OF DIFFERENT SIZES ARE SPLICED, THE SPLICE LENGTH SHALL BE THE LARGER OF EITHER THE DEVELOPMENT LENGTH OF THE LARGER BAR OR THE LAP SPLICE LENGTH OF THE SMALLER BAR.
7. A FACTOR OF 0.7 CAN BE APPLIED TO THE SCHEDULED DEVELOPMENT LENGTHS FOR HOOKED REINFORCEMENT WITH CLEAR COVER GREATER THAN 2 1/2".
8. A "TOP BAR" IS DEFINED AS A HORIZONTAL BAR WITH MORE THAN 12" OF FRESH CONCRETE PLACED BELOW THE BAR. ALL OTHER CONDITIONS SHALL BE CONSIDERED "OTHER BARS."
9. SCHEDULES APPLY TO REINFORCEMENT PLACED IN CONCRETE ONLY. REFER TO THE CMU DEVELOPMENT AND LAP SPLICE LENGTH TABLE FOR REINF PLACED IN CMU.

## STRAIGHT BARS IN TENSION

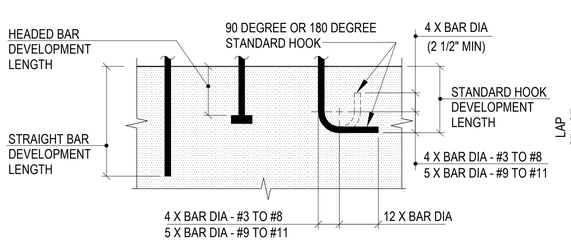
| BAR SIZE | CONDITION | CONCRETE STRENGTH (psi) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 3000 | | 3500 | | 4000 | | 4500 | | 5000 | |
| | | TOP BARS | OTHER BARS | TOP BARS | OTHER BARS | TOP BARS | OTHER BARS | TOP BARS | OTHER BARS | TOP BARS | OTHER BARS |
| #3 | DEV. LENGTH | 1'-10" | 1'-5" | 1'-8" | 1'-4" | 1'-7" | 1'-3" | 1'-6" | 1'-2" | 1'-5" | 1'-1" |
| | CLASS B SPLICE | 2'-4" | 1'-10" | 2'-2" | 1'-8" | 2'-1" | 1'-7" | 1'-11" | 1'-6" | 1'-10" | 1'-5" |
| #4 | DEV. LENGTH | 2'-5" | 1'-10" | 2'-3" | 1'-9" | 2'-1" | 1'-7" | 2'-0" | 1'-6" | 1'-11" | 1'-5" |
| | CLASS B SPLICE | 3'-2" | 2'-5" | 2'-11" | 2'-3" | 2'-9" | 2'-1" | 2'-7" | 2'-0" | 2'-5" | 1'-11" |
| #5 | DEV. LENGTH | 3'-0" | 2'-4" | 2'-9" | 2'-2" | 2'-7" | 2'-0" | 2'-6" | 1'-11" | 2'-4" | 1'-10" |
| | CLASS B SPLICE | 3'-11" | 3'-0" | 3'-7" | 2'-9" | 3'-5" | 2'-7" | 3'-2" | 2'-6" | 3'-0" | 2'-4" |
| #6 | DEV. LENGTH | 3'-7" | 2'-9" | 3'-4" | 2'-7" | 3'-1" | 2'-5" | 2'-11" | 2'-3" | 2'-10" | 2'-2" |
| | CLASS B SPLICE | 4'-8" | 3'-7" | 4'-4" | 3'-4" | 4'-1" | 3'-1" | 3'-10" | 2'-11" | 3'-8" | 2'-10" |
| #7 | DEV. LENGTH | 5'-3" | 4'-0" | 4'-10" | 3'-9" | 4'-6" | 3'-6" | 4'-3" | 3'-4" | 4'-1" | 3'-2" |
| | CLASS B SPLICE | 6'-9" | 5'-3" | 6'-3" | 4'-10" | 5'-11" | 4'-6" | 5'-7" | 4'-3" | 5'-3" | 4'-1" |
| #8 | DEV. LENGTH | 6'-0" | 4'-7" | 5'-6" | 4'-3" | 5'-2" | 4'-0" | 4'-11" | 3'-9" | 4'-8" | 3'-7" |
| | CLASS B SPLICE | 7'-9" | 6'-0" | 7'-2" | 5'-6" | 6'-9" | 5'-2" | 6'-4" | 4'-11" | 6'-0" | 4'-8" |
| #9 | DEV. LENGTH | 6'-9" | 5'-2" | 6'-3" | 4'-10" | 5'-10" | 4'-6" | 5'-6" | 4'-3" | 5'-3" | 4'-0" |
| | CLASS B SPLICE | 8'-9" | 6'-9" | 8'-1" | 6'-3" | 7'-7" | 5'-10" | 7'-2" | 5'-6" | 6'-9" | 5'-3" |
| #10 | DEV. LENGTH | 7'-7" | 5'-10" | 7'-0" | 5'-5" | 6'-7" | 5'-1" | 6'-2" | 4'-9" | 5'-11" | 4'-6" |
| | CLASS B SPLICE | 9'-10" | 7'-7" | 9'-1" | 7'-0" | 8'-6" | 6'-7" | 8'-0" | 6'-2" | 7'-8" | 5'-11" |
| #11 | DEV. LENGTH | 8'-5" | 6'-5" | 7'-9" | 6'-0" | 7'-3" | 5'-7" | 6'-10" | 5'-4" | 6'-6" | 5'-0" |
| | CLASS B SPLICE | 10'-11" | 8'-5" | 10'-1" | 7'-9" | 9'-6" | 7'-3" | 8'-11" | 6'-10" | 8'-6" | 6'-6" |

## DEVELOPMENT LENGTH OF STANDARD HOOK IN TENSION

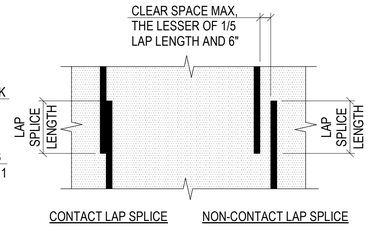
| BAR SIZE | CONCRETE STRENGTH (psi) | | | | |
|---|---|---|---|---|---|
| | 3000 | 3500 | 4000 | 4500 | 5000 |
| #3 | 0'-9" | 0'-8" | 0'-8" | 0'-7" | 0'-7" |
| #4 | 0'-11" | 0'-11" | 0'-10" | 0'-9" | 0'-9" |
| #5 | 1'-2" | 1'-1" | 1'-0" | 1'-0" | 0'-11" |
| #6 | 1'-5" | 1'-4" | 1'-3" | 1'-2" | 1'-1" |
| #7 | 1'-8" | 1'-6" | 1'-5" | 1'-4" | 1'-3" |
| #8 | 1'-10" | 1'-9" | 1'-7" | 1'-6" | 1'-5" |
| #9 | 2'-1" | 1'-11" | 1'-10" | 1'-9" | 1'-8" |
| #10 | 2'-4" | 2'-2" | 2'-1" | 1'-11" | 1'-10" |
| #11 | 2'-7" | 2'-5" | 2'-3" | 2'-2" | 2'-0" |

## DEVELOPMENT LENGTH OF HEADED BAR IN TENSION

| BAR SIZE | CONCRETE STRENGTH (psi) | | | | |
|---|---|---|---|---|---|
| | 3000 | 3500 | 4000 | 4500 | 5000 |
| #3 | 0'-7" | 0'-7" | 0'-6" | 0'-6" | 0'-6" |
| #4 | 0'-9" | 0'-9" | 0'-8" | 0'-8" | 0'-7" |
| #5 | 0'-11" | 0'-11" | 0'-10" | 0'-9" | 0'-9" |
| #6 | 1'-2" | 1'-1" | 1'-0" | 0'-11" | 0'-11" |
| #7 | 1'-4" | 1'-3" | 1'-2" | 1'-1" | 1'-0" |
| #8 | 1'-6" | 1'-5" | 1'-4" | 1'-3" | 1'-2" |
| #9 | 1'-8" | 1'-7" | 1'-6" | 1'-5" | 1'-4" |
| #10 | 1'-11" | 1'-9" | 1'-8" | 1'-7" | 1'-6" |
| #11 | 2'-1" | 1'-11" | 1'-10" | 1'-9" | 1'-8" |




DEVELOPMENT LENGTH




LAP SPLICES

## CAST IN PLACE CONCRETE CLEAR COVER FOR REINFORCEMENT

| EXPOSURE | MEMBER | REINFORCEMENT | CLEAR COVER (IN) |
|---|---|---|---|
| CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND | ALL | ALL | 3 |
| EXPOSED TO WEATHER OR IN CONTACT WITH GROUND (NOT CAST AGAINST) | ALL | #6 BARS & LARGER | 2 |
| | | #5 BARS & SMALLER | 1 1/2 |
| NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND (INTERIOR) | SLABS | #11 BARS & SMALLER | 3/4 |
| | BEAMS, COLUMNS, WALLS, PIERS, & PILASTERS | ALL | 1 1/2 |

NOTES:
1. COVER IS MEASURED FROM THE OUTERMOST FACE OF THE CONCRETE SURFACE TO THE OUTERMOST SURFACE OF THE REINFORCEMENT. COVER SHALL BE MEASURED TO THE OUTERMOST SURFACE OF THE STIRRUPS OR TIES WHERE PROVIDED.
2. WALLS BELOW GRADE SHALL BE ASSUMED TO BE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND, EVEN IF WATERPROOFED.

## CMU REINFORCING DEVELOPMENT & LAP SPLICE LENGTHS (INCHES)

| BAR SIZE | BAR POSITION | | STANDARD HOOK |
|---|---|---|---|
| | CENTER | EDGE | |
| #3 | 16 | 16 | 5 |
| #4 | 21 | 26 | 7 |
| #5 | 26 | 40 | 9 |
| #6 | 43 | 74 | 10 |

NOTES:
FOR EDGE BAR POSITION, PROVIDE MINIMUM 2" CLEAR COVER FROM OUTSIDE OF CMU FACE SHELL.

## POST-INSTALLED ANCHORS

| BASE MATERIAL | ANCHOR TYPE | HILTI PRODUCT | REMARKS |
|---|---|---|---|
| CONCRETE | EXPANSION (WEDGE) ANCHOR | KWIK BOLT TZ2 | -- |
| | ADHESIVE ANCHOR | HIT-HY 200 V3 | HILTI HIT-Z ANCH ROD |
| | | HIT-RE 500 V3 | A36 THREAD ROD |
| | SCREW ANCHOR | KWIK HUS-EZ | -- |
| | POWDER-ACTUATED FASTENER (PAF) | X-U FASTENER | -- |
| GROUT FILLED CMU | EXPANSION (WEDGE) ANCHOR | KWIK BOLT TZ2 | -- |
| | ADHESIVE ANCHOR | HIT-HY 270 | HILTI HAS THREAD ROD |
| | SCREW ANCHOR | KWIK HUS-EZ | -- |
| | POWDER-ACTUATED FASTENER (PAF) | X-U FASTENER | -- |
| HOLLOW CMU, BRICK, OR STONE MASONRY | ADHESIVE ANCHOR | HIT-HY 270 | HILTI HAS THREAD ROD |
| PRECAST HOLLOW CORE PLANKS | SCREW ANCHOR | KWIK HUS-EZ | -- |
| | | KWIK HUS-EZ I | -- |
| | DROP-IN ANCHOR | HDI-P TZ | -- |
| STEEL | POWDER-ACTUATED FASTENER (PAF) | X-U FASTENER | -- |

NOTES:
1. REFER TO "POST-INSTALLED ANCHORS" NOTES ON GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. REFER TO "POST INSTALLED ANCHOR PROOF LOAD TABLE" FOR REQUIRED PROOF LOADS DURING INSPECTION.
3. ALL ANCHORS SHALL BE CARBON STEEL, ZINC-PLATED UNO.
4. ALL HOLES SHALL BE DRILLED USING THE HILTI SAFESET SYSTEM WITH HILTI HOLLOW DRILL BIT.
5. INSTALL MESH SLEEVES WHERE ADHESIVE ANCHORS ARE EMBEDDED IN HOLLOW, BRICK, OR STONE MASONRY. COORDINATE SCREEN SIZE WITH MANUFACTURER.

## CAST-IN-PLACE CONCRETE PROPERTIES SCHEDULE

| TYPE | 28 DAY COMPRESSIVE STRENGTH | MAX W/C[2] RATIO | AIR CONTENT[1] (±1.5%) | NOMINAL MAXIMUM COARSE AGGREGATE (ASTM C33 GRADING) | EXPOSURE CATEGORY & CLASS (F / S / W / C) |
|---|---|---|---|---|---|
| FOUNDATIONS | 4,000 | 0.55 | 4.5% | 1 1/2" | F1 / S0 / W0 / C1 |
| FOUNDATION WALLS | 4,000 | 0.55 | 4.5% | 1" | F1 / S0 / W0 / C1 |
| INTERIOR[3] SLABS ON GRADE | 4,000 | - | - | 1" | F0 / S0 / W0 / C0 |
| ALL OTHER INTERIOR[3] BUILDING CONC | 4,000 | - | - | 1" | F0 / S0 / W0 / C0 |
| SIDEWALKS & SITE SLABS | 5,000 | 0.40 | 6% | 3/4" | F3 / S0 / W1 / C2 |
| SITE WALLS & RETAINING WALLS | 4,500 | 0.45 | 6% | 1" | F3 / S0 / W1 / C2 |
| SLABS ON DECK | 3,500 | 0.55 | - | 3/4" | F0 / S0 / W0 / C0 |

NOTES:
1. AIR-ENTRAIN CONCRETE WHERE PERCENTAGES ARE INDICATED. DO NOT ALLOW AIR CONTENT OF TROWELED FINISHED FLOORS TO EXCEED 3%.
2. W/C INDICATES WATER TO CEMENTITIOUS MATERIALS RATIO.
3. INTERIOR INDICATES CONCRETE PLACED INSIDE THE BUILDING WATERPROOFING ENVELOPE.

## FOOTING SCHEDULE

| TYPE MARK | SIZE (L x W x T) | REINF |
|---|---|---|
| F2.6x4.6 | 2'-6"x4'-6"x1'-4" | 6-#5 SW BOT, 4-#5 LW BOT |
| F3.0x4.0 | 3'-0"x4'-0"x1'-0" | 5-#5 SW BOT, 4-#5 LW BOT |
| F3.6x4.6 | 3'-0"x4'-0"x1'-0" | 6-#5 SW BOT, 5-#5 LW BOT |
| F4.6 | 4'-6"x4'-6"x1'-4" | 6-#5 EW BOT |
| F5.6x4.6 | 3'-0"x4'-0"x1'-0" | 7-#5 SW BOT, 6-#5 LW BOT |
| WF3.6 | 3'-6"xCONT'x1'-0" | #5@12" SW, 4-#5 BOT CONT LW |

## EXISTING FOOTING SCHEDULE

| TYPE MARK | SIZE (L x W x T) |
|---|---|
| EF1.0x3.0 | 1'-0" x 3'-0" x 1'-0" |
| EF1.6x6.6 | 1'-6" x 6'-6" x 1'-3" |
| EF2.6 | 2'-6" x 2'-6" x 1'-0" |
| EF2.6x7.0 | 2'-6" x 7'-0" x 1'-3" |
| EF3.0 | 3'-0" x 3'-0" x 1'-0" |
| EF4.0 | 4'-0" x 4'-0" x 1'-0" |
| EF4.6 | 4'-6" x 4'-6" x 1'-0" |

## CONCRETE PIER SCHEDULE

| MARK | SIZE ("W"x"L") | VERTICAL REINF | TIE SIZE & SPA | REMARKS |
|---|---|---|---|---|
| P14 | 14"x14" | 4-#5 | #3@16" | |

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|---|---|
| DESIGNED: | NJP |
| CADD: | LJM |
| TECH. REVIEW: | BDW |
| DATE: | 1/10/2025 |

SUB SHEET NO. S003

TITLE OF SHEET
CONCRETE & CMU SCHEDULES
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO.
PMIS/PKG NO.
SHEET ____ OF ____

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## WOOD SHEAR WALL SCHEDULE

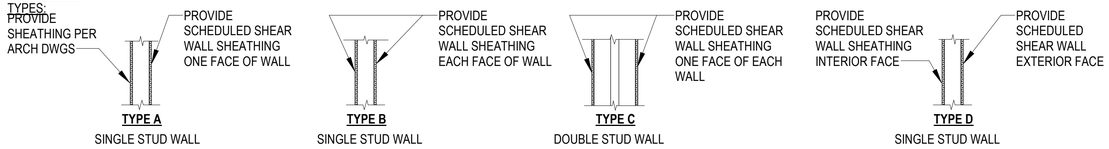
DENOTED SW-# ON PLAN

| MARK | TYPE | SHEATHING | STUD SIZE/SPA | FLOOR | TYPE | BLOCKING | NAIL PATTERN @ PANEL EDGE (SEE NOTE X) | BOT PLATE ATTACHMENT TO WALL/SLAB BELOW | HOLD DOWN FORCE (SEE NOTE X) | HOLD DOWN MARK | END OF WALL CHORDS (SEE NOTE X) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-1 | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

## WOOD LEDGER SCHEDULE

| MARK | LEDGER SIZE | MAX JOIST SPAN | FASTENER TYPE | ANCHOR SIZE & SPACING | ANCHOR EMBEDMENT | REMARKS |
|---|---|---|---|---|---|---|
| WL1 | TBD | TBD | ADH ANCH | TBD | TBD | GALV ANCH's TO BRK |
| | | | | | | |
| | | | | | | |
| | | | | | | |

SHEAR WALL TYPES:




**SHEAR WALL NOTES:**

1. SEE PLAN FOR SHEAR WALL LOCATIONS.
2. EXTERIOR SHEAR WALLS SHALL HAVE SCHEDULED APA RATED SHEATHING INSTALLED ON EXTERIOR FACE OF WALL; SEE ARCHITECTURAL DRAWINGS FOR SHEATHING REQUIREMENTS ON INTERIOR FACE OF WALLS.
3. EDGES OF SHEAR WALL SHEATHING SHALL BE UNBLOCKED, UNO ON SCHEDULE.
4. ALL NAILS ARE COMMON NAILS, UNO.
5. SHEATHING INDICATED ON THIS SCHEDULE IS THAT REQUIRED FOR STRUCTURAL PURPOSES FOR RESISTING LATERAL LOADS; SEE ARCHITECTUAL DRAWINGS FOR ALL OTHER SHEATHING REQUIREMENTS ON THESE WALLS.
6. ALL CONNECTIONS SHALL BE AS MANUFACTURED BY SIMPSON STRONG - TIE. INSTALL PER MFR RECOMMENDATIONS.

## HOLD DOWN SCHEDULE

| MARK | TYPE | FASTENERS TO VERTICAL STUDS | FOUNDATION OR THRU FLOOR ANCHOR[1] | NO. OF STUDS REQ'D | REMARKS |
|---|---|---|---|---|---|
| HD-1 | TBD | TBD | TBD | TBD | TBD |
| | | | | | |
| | | | | | |
| | | | | | |

**HOLD DOWN NOTES:**

1. SEE PLANS FOR HOLD DOWN LOCATIONS. HOLD DOWNS SHALL BE AS MANUFACTURED BY SIMPSON STRONG -TIE. INSTALL PER MFR RECOMMENDATIONS.
2. ALL NAILS ARE COMMON NAILS.
3. AT LOCATIONS WHERE HOLD DOWNS ARE ATTACHED TO MULTIPLE 2x VERTICAL STUDS, NAIL SHEAR WALL SHEATHING TO EACH VERTICAL STUD WITH FASTENERS SPECIFIED IN SHEAR WALL SCHEDULE @ 6"; STAGGER FASTENERS IN ADJOINING STUDS.
4. IF QUANTITY OF STUDS IN TABLE DIFFER FROM KING STUDS SHOWN ON PLAN, PROVIDE GREATER QUANTITY OF STUDS.
5. HOLD DOWNS MAYBE LOCATED WITHIN 8" OF SHEAR WALL SEGMENT END TO AVOID CONFLICTS. HOLD DOWNS MUST BE ALIGNED FLOOR TO FLOOR UNLESS SPECIFICALLY DETAILED OTHERWISE.
6. NUMBER OF FASTENERS LISTED IN HOLD DOWN SCHEDULE INDICATES TOTAL NUMBER REQUIRED. PROVIDE 1/2 OF TOTAL QUANTITY IN EACH CONNECTED MEMBER.

## LATERAL COLLECTOR DETAIL SCHEDULE

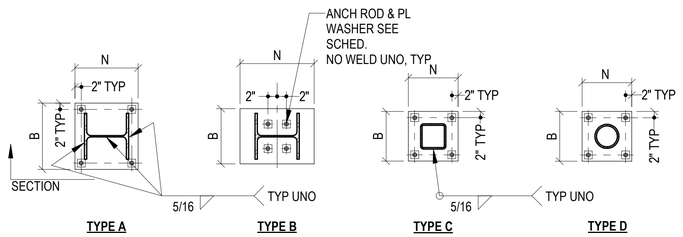
| MARK | TYPE | # PER LOCATION | ORIENTATION & DIRECTION | REMARKS | SECTION REFERENCE |
|---|---|---|---|---|---|
| CL1 | SIMPSON DTT1Z | (4) | HORIZONTAL EAST-WEST | w/ 1/2"Ø THREADED ROD | 2,7/S404 |
| CL2 | SIMPSON DTT1Z | (2) | HORIZONTAL EAST-WEST | w/ 1/2"Ø LAG SCREW | 8/S404 |
| CL3 | 1/4"Ø SS SCREWS | (3) | HORIZONTAL EAST-WEST | (2) ADJ JOISTS (3) SCREWS/ STUD | 9/S404 |
| CL4 | SIMPSON A23 | (2) | HORIZONTAL EAST-WEST | CONTINUOUS | 10/S404 |

## WOOD JOIST HANGER SCHEDULE

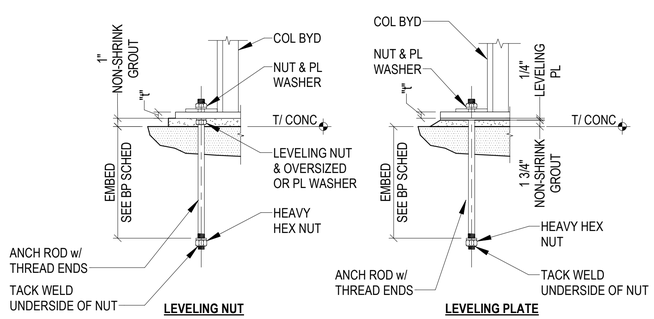
| JOIST SIZE | HANGER | FASTENERS | | CONNECTION CAPACITY | | COMMENTS |
|---|---|---|---|---|---|---|
| | | HEADER | JOISTS | GRAVITY | UPLIFT | |
| 2x8 | LUS28 | 6-10d | 4-10d | 1100# | 1165# | - |
| | | | | | | |
| | | | | | | |

**NOTES:**

1. CONNECTION CAPACITIES ARE BASED ON THE LUMBER TYPE SPECIFIED IN THE GENERAL NOTES. DEVIATIONS IN THE LUMBER TYPE WILL AFFECT CONNECTION CAPACITY AND MUST BE REVIEWED BY THE ENGINEER.
2. ALL CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG TIE. SUBMIT ALTERNATE MANUFACTURERS FOR REVIEW AND APPROVAL.
3. PROVIDE ADDITIONAL FASTENERS FOR UPLIFT IN ACCORDANCE w/ MFR WHERE UPLIFT CAPACITY IS INDICATED IN SCHED.
4. SD CONNECTOR SCREWS BY SIMPSON STRONG TIE MAY BE UTILIZED IN LIEU OF NAILS WHERE NOTED.
5. REFER TO THE GENERAL NOTES FOR ADDITIONAL CONNECTOR INFO.
6. COORDINATE ADDITIONAL INSTALLATION REQUIREMENTS w/ MANUFACTURER.
7. USE TOP FLANGE HANGERS WHERE JOISTS FRAME TO STEEL BEAMS. USE FACE MOUNT HANGERS WHERE JOISTS FRAME TO WOOD BEAMS.




PLAN




SECTION

**NOTES:**

1. LEVELING PLATE OR NUTS @ CONTRACTOR OPTION.
2. HEADED ANCHOR BOLT IN LIEU OF ANCHOR ROD @ CONTR OPTION.

## BASE PLATE SCHEDULE

| MARK | BASE PLATES | | ANCHOR RODS | REMARKS |
|---|---|---|---|---|
| | TYPE | SIZE (txNxB) | SIZE x EMBED | |
| BP1 | C | 3/4"x10"x10" | 3/4"Øx12" | -- |
| BP2 | C | 5/8"x10"x7" | 3/4"Øx12" | COL OFFSET |
| | | | | |
| | | | | |

## PLATE WASHER SCHEDULE

| ANCH ROD Ø | BP HOLE Ø | PL WASHER SIZE | ANCH ROD Ø | BP HOLE Ø | PL WASHER SIZE |
|---|---|---|---|---|---|
| 3/4" | 1 5/16" | 2"x2"x1/4" | 1 1/2" | 2 3/8" | 4"x4"x1/2" |
| 7/8" | 1 9/16" | 2 1/2"x2 1/2"x5/16" | 1 3/4" | 2 7/8" | 4 1/2"x4 1/2"x5/8" |
| 1" | 1 7/8" | 3"x3"x3/8" | 2" | 3 1/4" | 5"x5"x3/4" |
| 1 1/4" | 2 1/8" | 3 1/2"x3 1/2"x1/2" | 2 1/2" | 3 3/4" | 5 1/2"x5 1/2"x7/8" |

**NOTES:**

1. PLATE WASHERS TO HAVE STANDARD HOLES.
2. ASTM F844 WASHERS ARE PERMITTED INSTEAD OF PL WASHERS WHEN HOLE CLEARANCES ARE LIMITED TO 5/16" FOR ROD Ø UP TO 1", 1/2" FOR ROD Ø OVER 1" UP TO 2", AND 1" FOR ROD Ø OVER 2". THIS EXCEPTION SHOULD NOT BE USED UNLESS CONTR HAS AGREED TO MEET SMALLER TOLERANCES FOR ANCH ROD PLACEMENT THAN THOSE PERMITTED IN THIS SCHED.

DRAFT

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|---|---|
| DESIGNED: | NJP |
| CADD: | LJM |
| TECH. REVIEW: | BDW |
| DATE: | 1/10/2025 |

SUB SHEET NO. S004

TITLE OF SHEET
WOOD & STEEL SCHEDULES
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. ____

PMIS/PKG NO.

SHEET ____ OF ____

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## SPECIAL INSPECTIONS PROGRAM - SOILS

(IBC TABLE 1705.6)

| VERIFICATION AND INSPECTION | | CONTINUOUS | PERIODIC | 2021 IBC REFERENCE SECTION | REFERENCE STANDARD | COMMENTS |
|---|---|---|---|---|---|---|
| VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY | | | X | 1705.6, 1803, 1806 | | OBTAIN APPROVED GEOTECH REPORT IF APPLICABLE |
| VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL | | | X | 1705.6, 1804, 1808, 1809, 1810 | | do. |
| CONTROLLED FILL | PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS | | X | 1705.6, 1803, 1804 | | do. |
| | VERIFY USE OF PROPER MATERIALS AND PROCEDURES DURING FILL PLACEMENT | X | | 1705.6, 1804 | | IN ACCORDANCE WITH PROVISIONS OF APPROVED GEOTECH REPORT. |
| | VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL | X | | 1705.6, 1804 | | IN ACCORDANCE WITH PROVISIONS OF APPROVED GEOTECH REPORT. |
| | PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY | | X | 1705.6, 1804 | | do. |

## SPECIAL INSPECTIONS PROGRAM - CONCRETE & PRECAST CONCRETE

(IBC TABLE 1705.3)

| VERIFICATION AND INSPECTION | | CONTINUOUS | PERIODIC | 2021 IBC REFERENCE SECTION | REFERENCE STANDARD | COMMENTS |
|---|---|---|---|---|---|---|
| GENERAL | INSPECTION OF FABRICATORS | | X | 1704.2.5 | | SEE NOTE 2. |
| INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, & PLACEMENT | | | X | 1705.3, 1908.4 | ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-3 | |
| WELDING OF REINFORCING STEEL | VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706 | | X | 1705.3 | AWS D1.4 ACI 318: 26.6.4 | |
| | INSPECT SINGLE, PASS FILLET WELDS 5/16" OR LESS | | X | 1705.3 | AWS D1.4 ACI 318: 26.6.4 | |
| | ALL OTHER WELDS | X | | 1705.3 | AWS D1.4 ACI 318: 26.6.4 | |
| INSPECTION OF ANCHORS CAST IN CONCRETE | | | X | 1705.3 | ACI 318: 17.8.2 | |
| VERIFYING USE OF REQUIRED DESIGN MIX | | | X | 1705.3,1904.1,1904.2,1908.2,1908.3 | ACI 318: Ch. 19, 26.4.3, 26.4.4 | |
| PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE | | X | | 1705.3, 1908.10 | ASTM C 172 ASTM C 31 ACI 318: 26.5.2, 26.12 | |
| INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES | | X | | 1705.3,1908.6, 1908.7,1908.8 | ACI 318: 26.5 | |
| VERIFYING MAINTENANCE OF SPECIFIED CURING TEMPERATURE & TECHNIQUES | | | X | 1705.3, 1908.9 | ACI 318: 26.5.3-5.5 | |
| INSPECT FORMWORK FOR SHAPE, LOCATION & DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED | | | X | 1705.3 | ACI 318: 26.11.2 | |

## SPECIAL INSPECTIONS PROGRAM - POST INSTALLED ANCHORS

| VERIFICATION AND INSPECTION | | CONTINUOUS | PERIODIC | 2021 IBC REFERENCE SECTION | REFERENCE STANDARD | COMMENTS |
|---|---|---|---|---|---|---|
| INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE | ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS | X | | TABLE 1705.3 | ACI 318: 17.8.2 | SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS |
| | ALL OTHER MECHANICAL ANCHORS AND ADHESIVE ANCHORS | | X | TABLE 1705.3 | ACI 318: 17.8.2 | SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS |
| INSPECTION OF ANCHORS INSTALLED IN MASONRY | | X FOR LEVEL 3 | X FOR LEVEL 2 | | ACI 530: TABLE 3.1.3, 3.1.2 | REFER TO MASONRY SECTION FOR LEVEL OF INSPECTION REQUIRED. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS. |

STRUCTURAL TESTING & INSPECTION PROGRAM NOTES:

1. THE INTENTION OF THIS TABLE IS TO IDENTIFY THE CONSTRUCTION REQUIRING SPECIAL INSPECTION AS REQUIRED BY THE INTERNATIONAL BUILDING CODE (IBC). OWNER SHALL ENGAGE INDEPENDENT SPECIAL INSPECTION AGENCY. CONTRACTOR TO NOTIFY SPECIAL INSPECTOR OF PROGRESS OF CONSTRUCTION AND PROVIDE ACCESS TO THE SITE TO COMPLETE INSPECTIONS. EACH SPECIAL INSPECTOR IS RESPONSIBLE FOR JOB SPECIFIC ITEMS AS DEFINED IN CHAPTER 17 OF THE IBC (AND IN ACCORDANCE WITH THE SPECIFICATION)
2. INSPECTIONS OF FABRICATORS IS NOT REQUIRED IF THE FABRICATOR IS APPROVED IN ACCORDANCE TO IBC SECTION 1704.2.5 AND CERTIFIES COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
3. THE ITEMS CHECKED WITH AN "X" SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE MATERIAL SAMPLING AND TESTING SECTION OF THE PROJECT SPECIFICATIONS AND THE GENERAL NOTES. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ENGINEER, CONTRACTOR AND BUILDING OFFICIAL. ANY CONSTRUCTION WHICH FAILS TO MEET THE PROJECT SPECIFICATIONS AND IBC REQUIREMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND THE ENGINEER IF UNCORRECTED. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
4. FREQUENCY OF INSPECTIONS.
   A. CONTINUOUS SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR SHALL BE ON SITE AT ALL TIMES OBSERVING THE WORK REQUIRING SPECIAL INSPECTION. FOR STRUCTURAL STEEL, INSPECTION TASK MUST BE COMPLETED FOR EACH MEMBER OR CONNECTION.
   B. PERIODIC SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR IN ON THE SITE AT THE TIME INTERVALS NECESSARY TO CONFIRM THAT ALL WORK REQUIRING SPECIAL INSPECTIONS IS IN COMPLIANCE. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
5. STRUCTURAL STEEL SPECIAL INSPECTIONS:
   A. QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE FABRICATOR AND ERECTOR. QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY THE TESTING AGENCY.
   B. "O" INDICATES OBSERVATIONS TO BE PERFORMED ON A RANDOM BASIS. "P" INDICATES TASKS TO BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.
6. ALL WELDS SHALL BE VISUALLY INSPECTED BY AN AWS CERTIFIED WELDING INSPECTOR. ALL PROVISIONS OF AWS D1.1/D1.1M "STRUCTURAL WELDING CODE- STEEL" SHALL APPLY TO STEEL CONSTRUCTION. NON-DESTRUCTIVE TESTING OF WELD JOINTS SHALL BE IN ACCORDANCE WITH AISC 360 SECTION N5.

## SPECIAL INSPECTIONS PROGRAM - MASONRY LEVEL 1

| VERIFICATION AND INSPECTION | CONTINUOUS | PERIODIC | TMS 402-16 SECTION | TMS 602-16 ARTICLE | COMMENTS |
|---|---|---|---|---|---|
| VERIFY COMPLIANCE w/ THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS | | X | 3.1.1 | 1.5 | |

## SPECIAL INSPECTIONS PROGRAM - MASONRY LEVEL 2

| VERIFICATION AND INSPECTION | | CONTINUOUS | PERIODIC | TMS 402-16 SECTION | TMS 602-16 ARTICLE | COMMENTS |
|---|---|---|---|---|---|---|
| GENERAL | COMPLIANCE w/ THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS | | X | | 1.5 | |
| | VERIFICATION OF $f'_m$ AND $f'_{AAC}$ PRIOR TO CONSTRUCTION EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE | | X | | 1.4B | |
| | VERIFICATION OF SLUMP FLOW AND VSI AS DELIVERED TO THE SITE FOR SELF-CONSOLIDATING GROUT | X | | | 1.5,1.6.3 | |
| AT START OF MASONRY CONSTRUCTION | PROPORTIONS OF SITE-PREPARED MORTAR | | X | | 2.1, 2.6A, 2.6C | |
| | GRADE, TYPE, & SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, PRESTRESSING TENDONS AND ANCHORAGES | | X | | 3.4, 3.6A | |
| | PRESTRESSING TECHNIQUE | | X | | 3.6B | |
| | GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES | | X | | 2.4B, 2.4H | |
| | PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY | X | X | | 2.1C.1 | CONTINUOUS FOR FIRST 5000 SF OF AAC MASONRY, PERIODIC AFTER FIRST 5000 SF OF AAC MASONRY |
| | SAMPLE PANEL CONSTRUCTION | | X | | 1.6D | |
| PRIOR TO GROUTING | GROUT SPACE | | X | | 3.2D, 3.2F | |
| | PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES | | X | 10.8,10.9 | 2.4, 3.6 | |
| | PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS | | X | 6.1, 6.3.1, 6.3.6, 6.3.7 | 3.2E, 3.4 | |
| | PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS | | X | | 2.6B, 2.4G.1.b | |
| DURING CONSTRUCTION | MATERIALS AND PROCEDURE WITH THE APPROVED SUBMITTALS | | X | | 1.5 | |
| | PLACEMENT OF MASONRY UNITS & MORTAR JOINT CONSTRUCTION | | X | | 3.3B | |
| | SIZE & LOCATION OF STRUCTURAL ELEMENTS | | X | | 3.3F | |
| | TYPE, SIZE & LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION | | X | 1.2.1(e), 6.2.1, 6.3.1 | | |
| | WELDING OF REINFORCING BARS | X | | 6.1.6.1.2 | | |
| | PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMP. BELOW 40°F) OR HOT WEATHER (TEMP. ABOVE 90°F) | | X | | 1.8C, 1.8D | |
| | APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE | X | | | 3.6B | |
| | PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE | X | | | 3.5, 3.6C | |
| | PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS | X | X | | 3.3B.9, 3.3F.1.b | CONTINUOUS FOR FIRST 5000 SF OF AAC MASONRY, PERIODIC AFTER FIRST 5000 SF OF AAC MASONRY |
| OBSERVE PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS | | | X | | 1.4B.2.a.3, 1.4B.2.b.3, 1.4B.2.c.3, 1.4B.3, 1.4B.4 | |

**NOTE: OWNER SHALL ENGAGE THE INDEPENDENT SPECIAL INSPECTION AGENCY. CONTRACTOR TO NOTIFY INSPECTOR OF PROGRESS OF CONSTRUCTION AND PROVIDE ACCESS TO THE SITE TO COMPLETE INSPECTIONS.**

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| NJP | S005 | SPECIAL INSPECTIONS | |
| CADD: LJM | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. |
| TECH. REVIEW: BDW | | | SHEET ____ OF ____ |
| DATE: 1/10/2025 | | | |

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## SPECIAL INSPECTIONS PROGRAM - STRUCTURAL STEEL (AISC 360 CHAPTER N)

| VERIFICATION AND INSPECTION | | QC | QA | 2021 IBC REFERENCE SECTION | AISC 360 REFERENCE | COMMENTS |
|---|---|---|---|---|---|---|
| GENERAL | INSPECTION OF FABRICATORS | | P | 1704.2.5 | | SEE NOTE 2. |
| | DOCUMENT ACCEPTANCE OR REJECTION OF INSPECTED ITEMS | P | P | | TABLES N5.4-3, N5.6-3, N6.1 | WELDED ELEMENTS, BOLTED ELEMENTS |
| PLACEMENT OF ANCHOR RODS & OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL | VERIFY DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM | | P | | SECTION N5.8 | |
| | VERIFY EXTENT OR DEPTH OF EMBEDMENT INTO CONCRETE PRIOR TO CONCRETE PLACEMENT | | P | | SECTION N5.8 | |
| INSPECTION OF GALVANIZED STRUCTURAL STEEL MEMBERS | EXPOSED CUT SURFACES & EXPOSED CORNERS OR RECTANGULAR HSS SHALL BE VISUALLY INSPECTED FOR CRACKS SUBSEQUENT TO GALVANIZING | P | | | SECTION N5.7 | CRACKS SHALL BE REPAIRED OR MEMBER REJECTED |
| INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE w/ CONSTRUCTION DOCUMENTS | DETAILS SUCH AS BRACING & STIFFENING | P | | | SECTION N5.8 | |
| | MEMBER LOCATIONS | P | | | SECTION N5.8 | |
| | APPLICATION OF JOINT DETAILS AT EACH CONNECTION | P | | | SECTION N5.8 | |
| PRIOR TO WELDING | WELDER QUALIFICATION RECORDS & CONTINUITY RECORDS | P | O | | TABLE N5.4-1 | |
| | WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE | P | P | | TABLE N5.4-1 | |
| | MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE | P | P | | TABLE N5.4-1 | |
| | MATERIAL IDENTIFICATION (TYPE/GRADE) | O | O | | TABLE N5.4-1 | |
| | WELDER IDENTIFICATION SYSTEM | O | O | | TABLE N5.4-1 | THE FABRICATOR OR ERECTOR SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED |
| | FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)<br>- JOINT PREPARATION<br>- DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)<br>- CLEANLINESS (CONDITION OF STEEL SURFACES)<br>- TACKING (TACK WELD QUALITY AND LOCATION)<br>- BACKING TYPE AND FIT (IF APPLICABLE) | O | O | | TABLE N5.4-1 | |
| | FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY)<br>- JOINT PREPARATION<br>- DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)<br>- CLEANLINESS (CONDITION OF STEEL SURFACES)<br>- TACKING (TACK WELD QUALITY AND LOCATION) | P | O | | TABLE N5.4-1 | |
| | CONFIGURATION AND FINISH OF ACCESS HOLES | O | O | | TABLE N5.4-1 | |
| | FIT-UP OF FILLET WELDS<br>- DIMENSIONS (ALIGNMENT, GAPS AT ROOT)<br>- CLEANLINESS (CONDITION OF STEEL SURFACES)<br>- TACKING (TACK WELD QUALITY AND LOCATION) | O | O | | TABLE N5.4-1 | |
| | CHECK WELDING EQUIPMENT | O | | | TABLE N5.4-1 | |
| DURING WELDING | CONTROL AND HANDLING OF WELDING CONSUMABLES<br>- PACKAGING<br>- EXPOSURE CONTROL | O | O | | TABLE N5.4-2 | |
| | NO WELDING OVER CRACKED TACK WELDS | O | O | | TABLE N5.4-2 | |
| | ENVIRONMENTAL CONDITIONS<br>- WIND SPEED WITHIN LIMITS<br>- PRECIPITATION AND TEMPERATURE | O | O | | TABLE N5.4-2 | |
| | WPS FOLLOWED<br>- SETTINGS ON WELDING EQUIPMENT<br>- TRAVEL SPEED<br>- SELECTED WELDING MATERIALS<br>- SHIELDING GAS TYPE/FLOW RATE<br>- PREHEAT APPLIED<br>- INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)<br>- PROPER POSITION (F, V, H, OH) | O | O | | TABLE N5.4-2 | |
| | WELDING TECHNIQUES<br>- INTERPASS AND FINAL CLEANING<br>- EACH PASS WITHIN PROFILE LIMITATIONS<br>- EACH PASS MEETS QUALITY REQUIREMENTS | O | O | | TABLE N5.4-2 | |
| | PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS | P | P | | TABLE N5.4-2 | |

**NOTE: OWNER SHALL ENGAGE THE INDEPENDENT SPECIAL INSPECTION AGENCY. CONTRACTOR TO NOTIFY INSPECTOR OF PROGRESS OF CONSTRUCTION AND PROVIDE ACCESS TO THE SITE TO COMPLETE INSPECTIONS.**

## SPECIAL INSPECTIONS PROGRAM - STRUCTURAL STEEL CONTINUED (AISC 360 CHAPTER N)

| | | | | | | |
|---|---|---|---|---|---|---|
| AFTER WELDING | WELDS CLEANED | O | O | | TABLE N5.4-3 | |
| | SIZE, LENGTH AND LOCATION OF WELDS | P | P | | TABLE N5.4-3 | |
| | WELDS MEET VISUAL ACCEPTANCE CRITERIA<br>- CRACK PROHIBITION<br>- WELD/BASE-METAL FUSION<br>- CRATER CROSS SECTION<br>- WELD PROFILES<br>- WELD SIZE<br>- UNDERCUT<br>- POROSITY | P | P | | TABLE N5.4-3 | |
| | ARC STRIKES | P | P | | TABLE N5.4-3 | |
| | k-AREA | P | P | | TABLE N5.4-3 | WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB FOR CRACKS WITHIN 3" OF WELD |
| | WELD ACCESS HOLES IN ROLLED HEAVY SHAPES & BUILT-UP HEAVY SHAPES | P | P | | TABLE N5.4-3 | AFTER ROLLED HEAVY SHAPES (SEE AISC SECTION A3.1c) & BUILT - UP HEAVY SHAPES (SEE AISC SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLES FOR CRACKS |
| | BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED) | P | P | | TABLE N5.4-3 | |
| | REPAIR ACTIVITIES | P | P | | TABLE N5.4-3 | |
| | NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR | O | O | | TABLE N5.4-3 | |
| PRIOR TO BOLTING | MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS | O | P | | TABLE N5.6-1 | |
| | FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS | O | O | | TABLE N5.6-1 | |
| | CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE) | O | O | | TABLE N5.6-1 | |
| | CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL | O | O | | TABLE N5.6-1 | |
| | CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS | O | O | | TABLE N5.6-1 | |
| | PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED | P | O | | TABLE N5.6-1 | |
| | PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS | O | O | | TABLE N5.6-1 | |
| DURING BOLTING | FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED | O | O | | TABLE N5.6-2 | |
| | JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION | O | O | | TABLE N5.6-2 | |
| | FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING | O | O | | TABLE N5.6-2 | |
| | FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES | O | O | | TABLE N5.6-2 | |

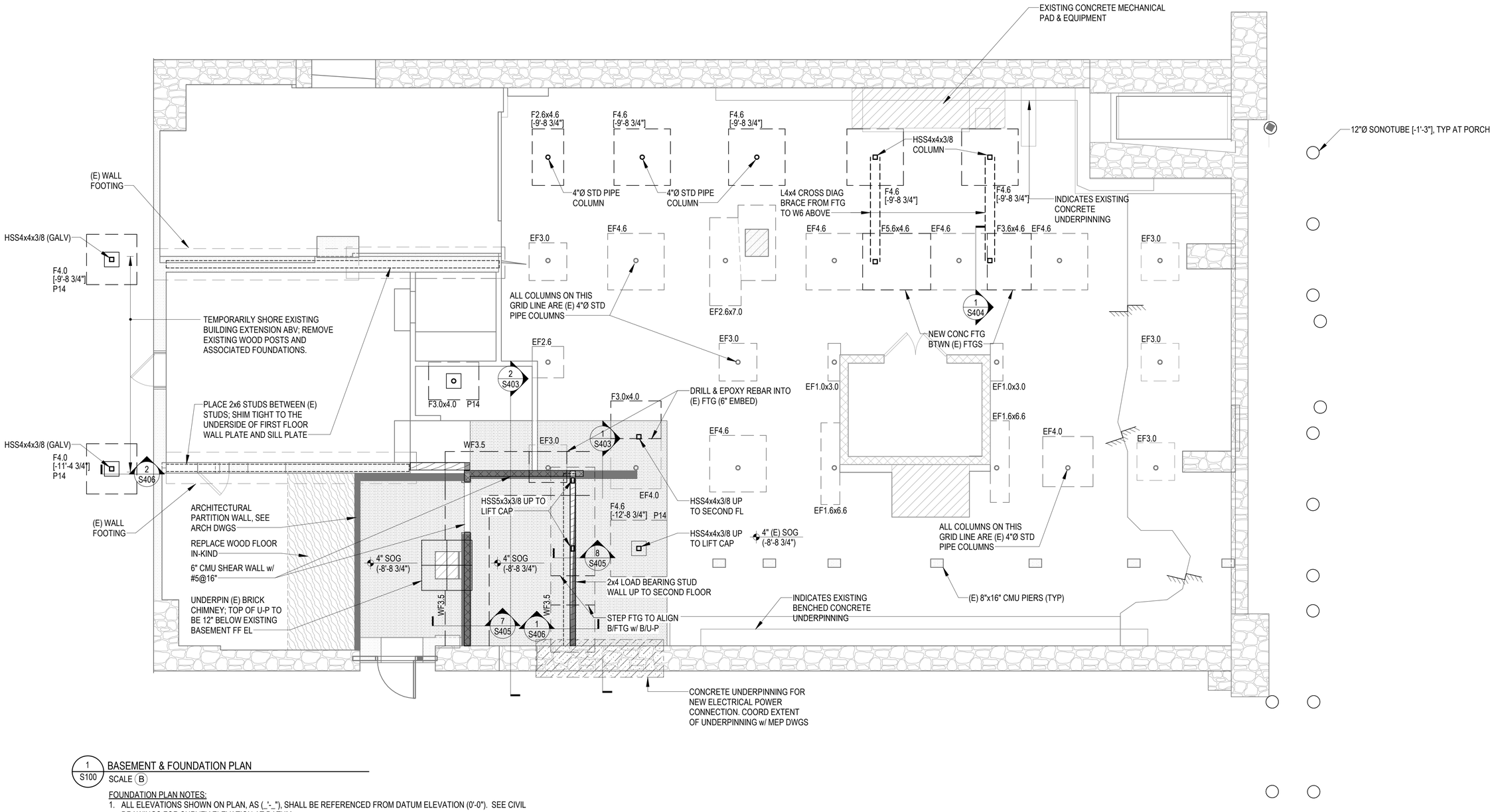
STRUCTURAL TESTING & INSPECTION PROGRAM NOTES:

1. THE INTENTION OF THIS TABLE IS TO IDENTIFY THE CONSTRUCTION REQUIRING SPECIAL INSPECTION AS REQUIRED BY THE INTERNATIONAL BUILDING CODE (IBC). OWNER SHALL ENGAGE INDEPENDENT SPECIAL INSPECTION AGENCY. CONTRACTOR TO NOTIFY SPECIAL INSPECTOR OF PROGRESS OF CONSTRUCTION AND PROVIDE ACCESS TO THE SITE TO COMPLETE INSPECTIONS. EACH SPECIAL INSPECTOR IS RESPONSIBLE FOR JOB SPECIFIC ITEMS AS DEFINED IN CHAPTER 17 OF THE IBC (AND IN ACCORDANCE WITH THE SPECIFICATION)
2. INSPECTIONS OF FABRICATORS IS NOT REQUIRED IF THE FABRICATOR IS APPROVED IN ACCORDANCE TO IBC SECTION 1704.2.5 AND CERTIFIES COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
3. THE ITEMS CHECKED WITH AN "X" SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE MATERIAL SAMPLING AND TESTING SECTION OF THE PROJECT SPECIFICATIONS AND THE GENERAL NOTES. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ENGINEER, CONTRACTOR AND BUILDING OFFICIAL. ANY CONSTRUCTION WHICH FAILS TO MEET THE PROJECT SPECIFICATIONS AND IBC REQUIREMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND THE ENGINEER IF UNCORRECTED. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
4. FREQUENCY OF INSPECTIONS.
   A. CONTINUOUS SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR SHALL BE ON SITE AT ALL TIMES OBSERVING THE WORK REQUIRING SPECIAL INSPECTION. FOR STRUCTURAL STEEL, INSPECTION TASK MUST BE COMPLETED FOR EACH MEMBER OR CONNECTION.
   B. PERIODIC SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR IN ON THE SITE AT THE TIME INTERVALS NECESSARY TO CONFIRM THAT ALL WORK REQUIRING SPECIAL INSPECTIONS IS IN COMPLIANCE. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
5. STRUCTURAL STEEL SPECIAL INSPECTIONS:
   A. QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE FABRICATOR AND ERECTOR. QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY THE TESTING AGENCY.
   B. "O" INDICATES OBSERVATIONS TO BE PERFORMED ON A RANDOM BASIS. "P" INDICATES TASKS TO BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.
6. ALL WELDS SHALL BE VISUALLY INSPECTED BY AN AWS CERTIFIED WELDING INSPECTOR. ALL PROVISIONS OF AWS D1.1/D1.1M "STRUCTURAL WELDING CODE-STEEL" SHALL APPLY TO STEEL CONSTRUCTION. NON-DESTRUCTIVE TESTING OF WELD JOINTS SHALL BE IN ACCORDANCE WITH AISC 360 SECTION N5.

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| DESIGNED: NJP | SUB SHEET NO. S006 | TITLE OF SHEET: SPECIAL INSPECTIONS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. |
| CADD: LJM | | | PMIS/PKG NO. |
| TECH. REVIEW: BDW | | | SHEET ____ OF ____ |
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## 1 S100 BASEMENT & FOUNDATION PLAN

SCALE (B)

FOUNDATION PLAN NOTES:

1. ALL ELEVATIONS SHOWN ON PLAN, AS (_'-_"), SHALL BE REFERENCED FROM DATUM ELEVATION (0'-0"). SEE CIVIL DRAWINGS FOR SURVEY ELEVATION AT DATUM.
2. REFERENCE ARCHITECTURAL DRAWINGS FOR EDGE OF SLAB DIMENSIONS.
3. REFERENCE CIVIL DRAWINGS FOR SITE CONSTRUCTION OUTSIDE OF THE BUILDING FOOTPRINT.
4. REFERENCE CIVIL AND PLUMBING DRAWINGS FOR UNDERGROUND UTILITY INFORMATION. COORDINATE FOUNDATION ELEVATIONS WITH UTILITIES. SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
5. REFERENCE SHEET S300 FOR TYPICAL DETAILS OF CONSTRUCTION NOT SHOWN ON PLAN.
6. ALL TOP OF FOOTING, PIER, AND WALL ELEVATIONS SHALL BE LOCATED AT 1'-0" BELOW TOP OF SLAB, UNLESS NOTED OTHERWISE AS [ '-_"] ON PLAN.
7. 4" SOG INDICATES A 4" THICK NWC SLAB ON GRADE REINFORCED WITH 6x6 W2.1xW2.1 WWF PLACED ON A VAPOR RETARDER AND A 6" LAYER OF COMPACTED CRUSHED AGGREGATE.

SCALE (B) 4 0 4 8
SCALE OF FEET

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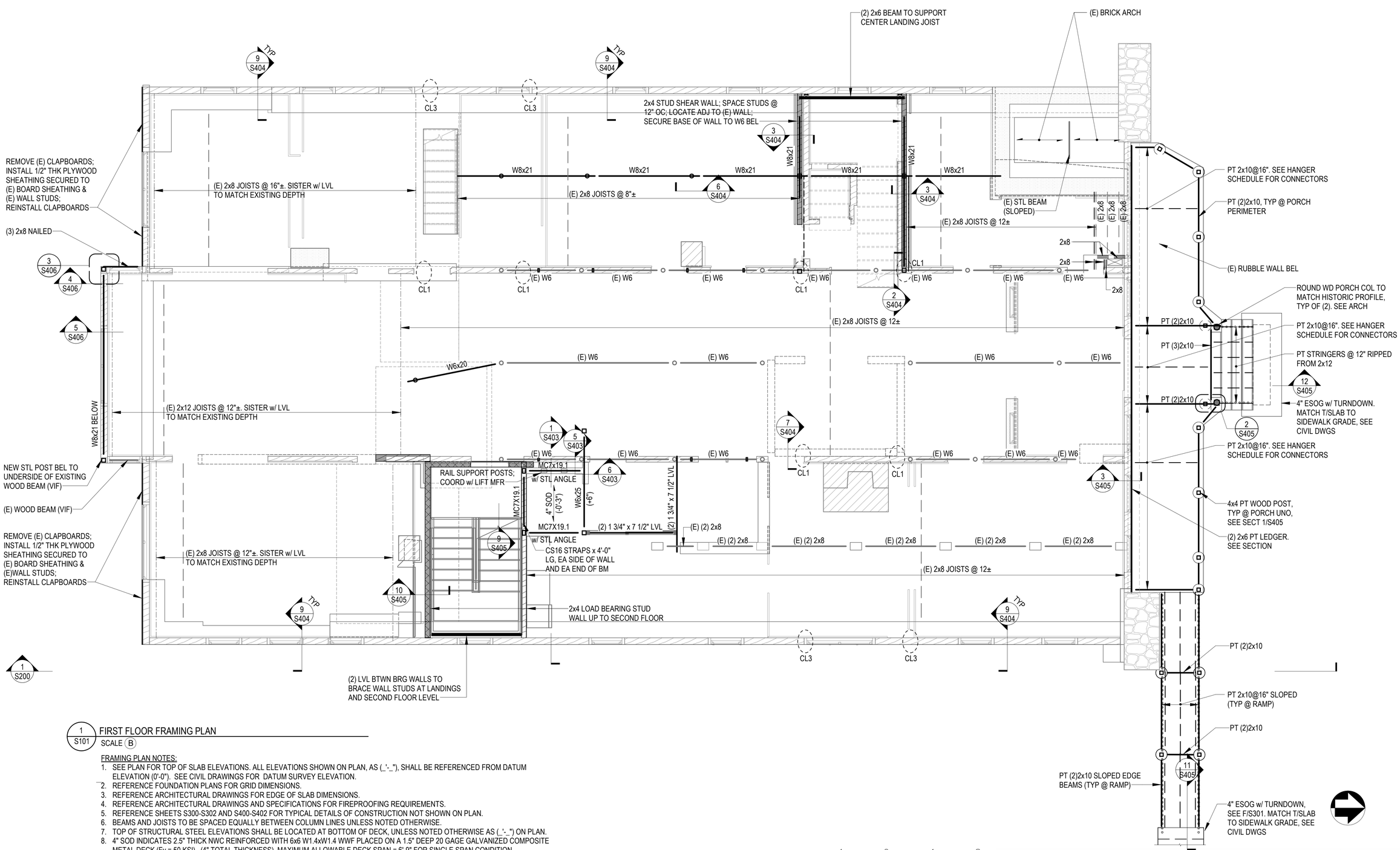
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BASEMENT PLAN

REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. ———

PMIS/PKG NO.

SHEET ____ OF ____




1 S101 **FIRST FLOOR FRAMING PLAN**

SCALE (B)

FRAMING PLAN NOTES:

1. SEE PLAN FOR TOP OF SLAB ELEVATIONS. ALL ELEVATIONS SHOWN ON PLAN, AS (_'-_"), SHALL BE REFERENCED FROM DATUM ELEVATION (0'-0"). SEE CIVIL DRAWINGS FOR DATUM SURVEY ELEVATION.
2. REFERENCE FOUNDATION PLANS FOR GRID DIMENSIONS.
3. REFERENCE ARCHITECTURAL DRAWINGS FOR EDGE OF SLAB DIMENSIONS.
4. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIREPROOFING REQUIREMENTS.
5. REFERENCE SHEETS S300-S302 AND S400-S402 FOR TYPICAL DETAILS OF CONSTRUCTION NOT SHOWN ON PLAN.
6. BEAMS AND JOISTS TO BE SPACED EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.
7. TOP OF STRUCTURAL STEEL ELEVATIONS SHALL BE LOCATED AT BOTTOM OF DECK, UNLESS NOTED OTHERWISE AS (_'-_") ON PLAN.
8. 4" SOD INDICATES 2.5" THICK NWC REINFORCED WITH 6x6 W1.4xW1.4 WWF PLACED ON A 1.5" DEEP 20 GAGE GALVANIZED COMPOSITE METAL DECK (Fy = 50 KSI). (4" TOTAL THICKNESS). MAXIMUM ALLOWABLE DECK SPAN = 6'-9" FOR SINGLE SPAN CONDITION.
9. 4" ESOG INDICATES A 4" THICK NWC EXTERIOR SLAB ON GRADE REINFORCED WITH 6x6 W2.1xW2.1 EPOXY COATED WWF PLACED ON A VAPOR RETARDER AND A 6" LAYER OF COMPACTED CRUSHED AGGREGATE.
10. SISTER ALL EXISTING SECOND FLOOR FLOOR JOISTS WITH 550S200-68 CFMF JOISTS; HOLD END OF CFMF 12" FROM EACH WALL (UNO).
11. SISTER EXISTING SECOND FLOOR FLOOR JOISTS WITH 550S200-68 CFMF JOISTS SPANNING 12" FROM EXTERIOR WALL TO THROUGH INTERIOR CORRIDOR WALL TO ATRIUM EDGE.

SCALE (B) 4 0 4 8
SCALE OF FEET

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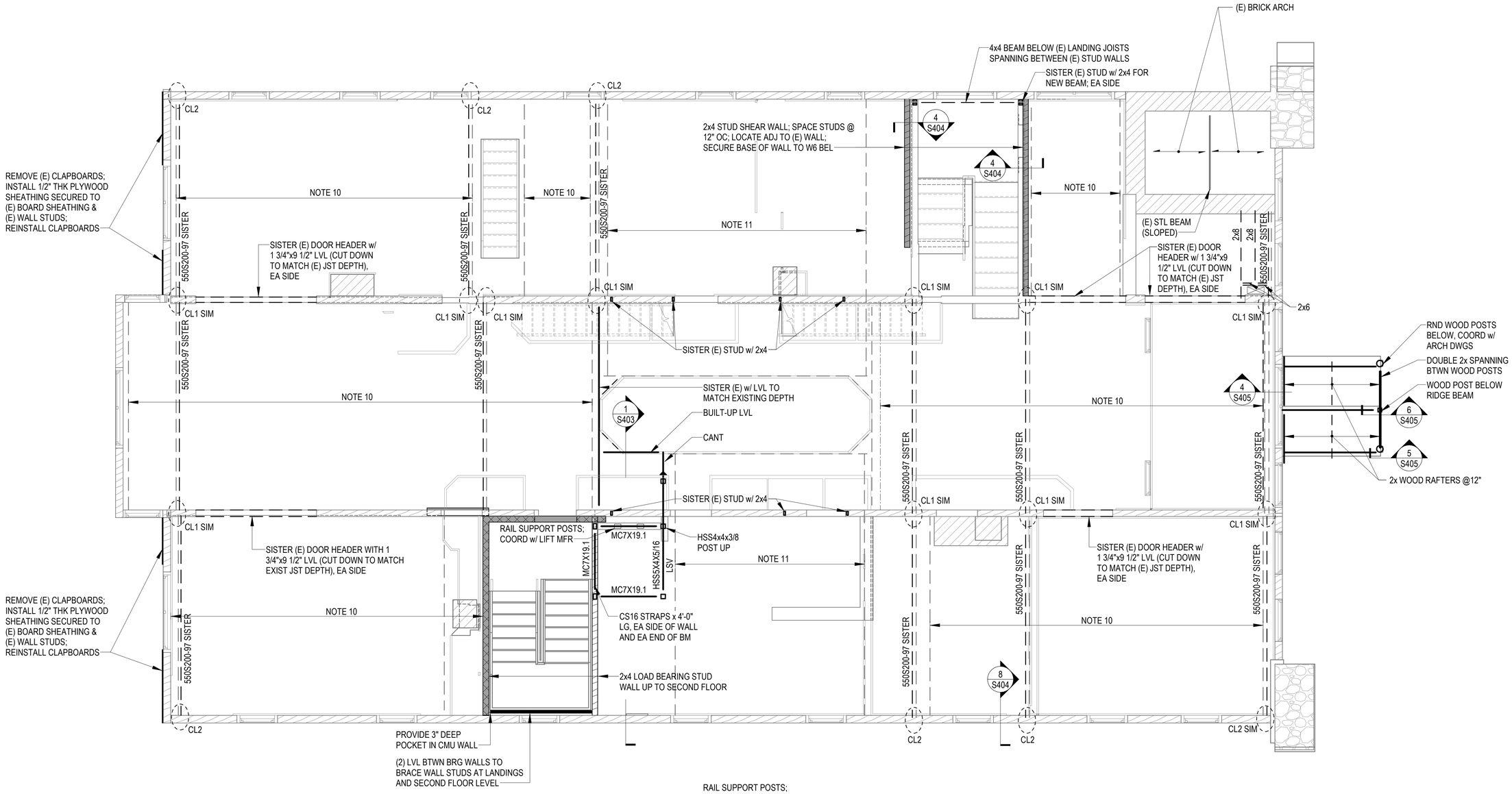
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SUB SHEET NO. S101

TITLE OF SHEET
FIRST FLOOR FRAMING PLAN
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO.
PMIS/PKG NO.
SHEET ____ OF ____

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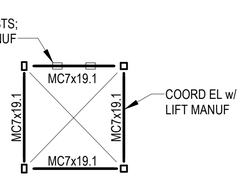



## 1 S102 SECOND FLOOR FRAMING PLAN

SCALE (B)

FRAMING PLAN NOTES:

1. SEE PLAN FOR TOP OF SLAB ELEVATIONS. ALL ELEVATIONS SHOWN ON PLAN, AS (_'-_"), SHALL BE REFERENCED FROM DATUM ELEVATION (0'-0"). SEE CIVIL DRAWINGS FOR DATUM SURVEY ELEVATION.
2. REFERENCE FOUNDATION PLANS FOR GRID DIMENSIONS.
3. REFERENCE ARCHITECTURAL DRAWINGS FOR EDGE OF SLAB DIMENSIONS.
4. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIREPROOFING REQUIREMENTS.
5. REFERENCE SHEETS S300-S302 AND S400-S402 FOR TYPICAL DETAILS OF CONSTRUCTION NOT SHOWN ON PLAN.
6. BEAMS AND JOISTS TO BE SPACED EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.
7. TOP OF STRUCTURAL STEEL ELEVATIONS SHALL BE LOCATED AT BOTTOM OF DECK, UNLESS NOTED OTHERWISE AS (_'-_") ON PLAN.
8. 4" SOD INDICATES 2.5" THICK NWC REINFORCED WITH 6x6 W1.4xW1.4 WWF PLACED ON A 1.5" DEEP 20 GAGE GALVANIZED COMPOSITE METAL DECK (Fy = 50 KSI). (4" TOTAL THICKNESS). MAXIMUM ALLOWABLE DECK SPAN = 6'-9" FOR SINGLE SPAN CONDITION.
9. 4" ESOG INDICATES A 4" THICK NWC EXTERIOR SLAB ON GRADE REINFORCED WITH 6x6 W2.1xW2.1 EPOXY COATED WWF PLACED ON A VAPOR RETARDER AND A 6" LAYER OF COMPACTED CRUSHED AGGREGATE.
10. SISTER ALL EXISTING SECOND FLOOR FLOOR JOISTS WITH 550S200-68 CFMF JOISTS; HOLD END OF CFMF 12" FROM EACH WALL (UNO).
11. SISTER EXISTING SECOND FLOOR FLOOR JOISTS WITH 550S200-68 CFMF JOISTS SPANNING 12" FROM EXTERIOR WALL TO THROUGH INTERIOR CORRIDOR WALL TO ATRIUM EDGE.




## 2 S102 ELEVATOR CAP FRAMING PLAN

SCALE (B)

SCALE (B) 4 0 4 8 SCALE OF FEET

DRAFT

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| DESIGNED: | Designer |
| CADD: | Author |
| TECH. REVIEW: | Checker |
| DATE: | 1/10/2025 |

SUB SHEET NO. S102

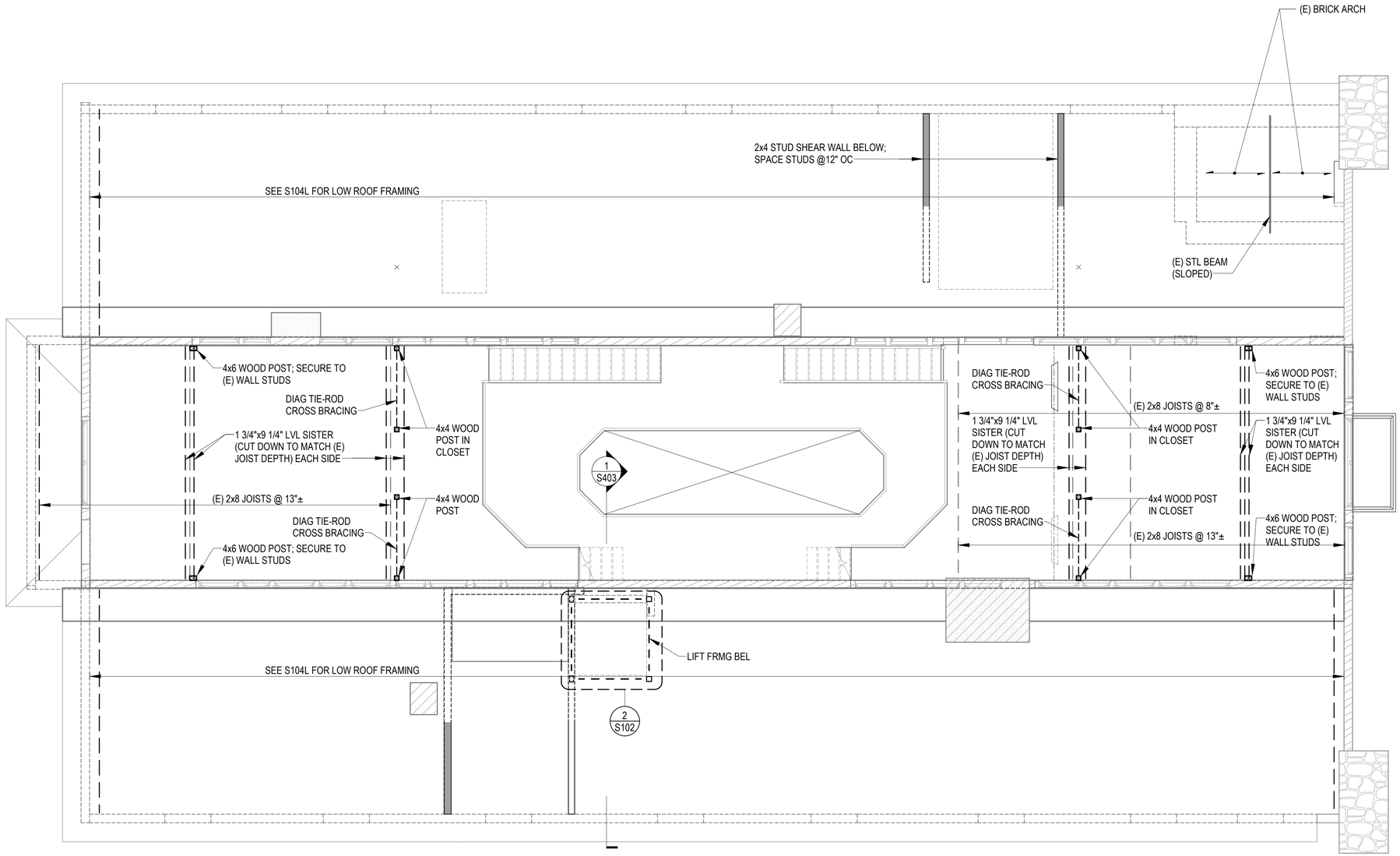
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. ——

PMIS/PKG NO.

SHEET ____ OF ____

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1 S103 THIRD FLOOR FRAMING PLAN

SCALE (B)

FRAMING PLAN NOTES:

1. REFERENCE FOUNDATION PLANS FOR GRID DIMENSIONS.
2. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIREPROOFING REQUIREMENTS.
3. REFERENCE SHEETS S300-S302 AND S400-S402 FOR TYPICAL DETAILS OF CONSTRUCTION NOT SHOWN ON PLAN.
4. BEAMS AND JOISTS TO BE SPACED EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.

SCALE (B) 4 0 4 8
SCALE OF FEET

DRAFT

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| DESIGNED: | Designer |
| CADD: | Author |
| TECH. REVIEW: | Checker |
| DATE: | 1/10/2025 |

SUB SHEET NO. S103

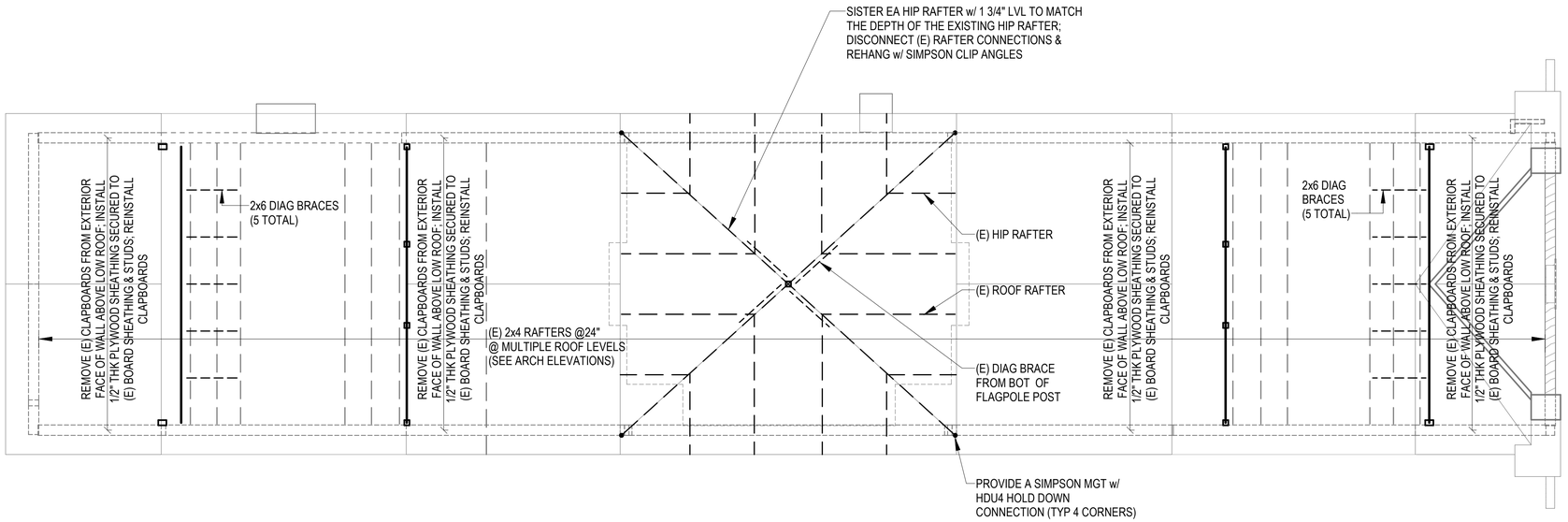
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REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. ———

PMIS/PKG NO.

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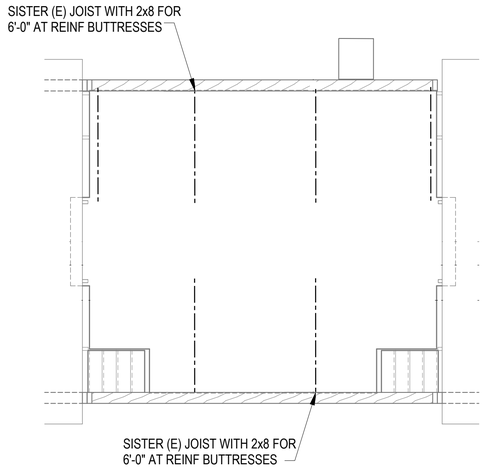



1 / S104H — HIGH ROOF FRAMING PLAN

SCALE (B)

FRAMING PLAN NOTES:

1. REFERENCE FOUNDATION PLANS FOR GRID DIMENSIONS.
2. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIREPROOFING REQUIREMENTS.
3. REFERENCE SHEETS S300-S302 AND S400-S402 FOR TYPICAL DETAILS OF CONSTRUCTION NOT SHOWN ON PLAN.
4. BEAMS AND JOISTS TO BE SPACED EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.




2 / S104H — PARTIAL THIRD PLAN - FLOOR CENTER

SCALE (B)

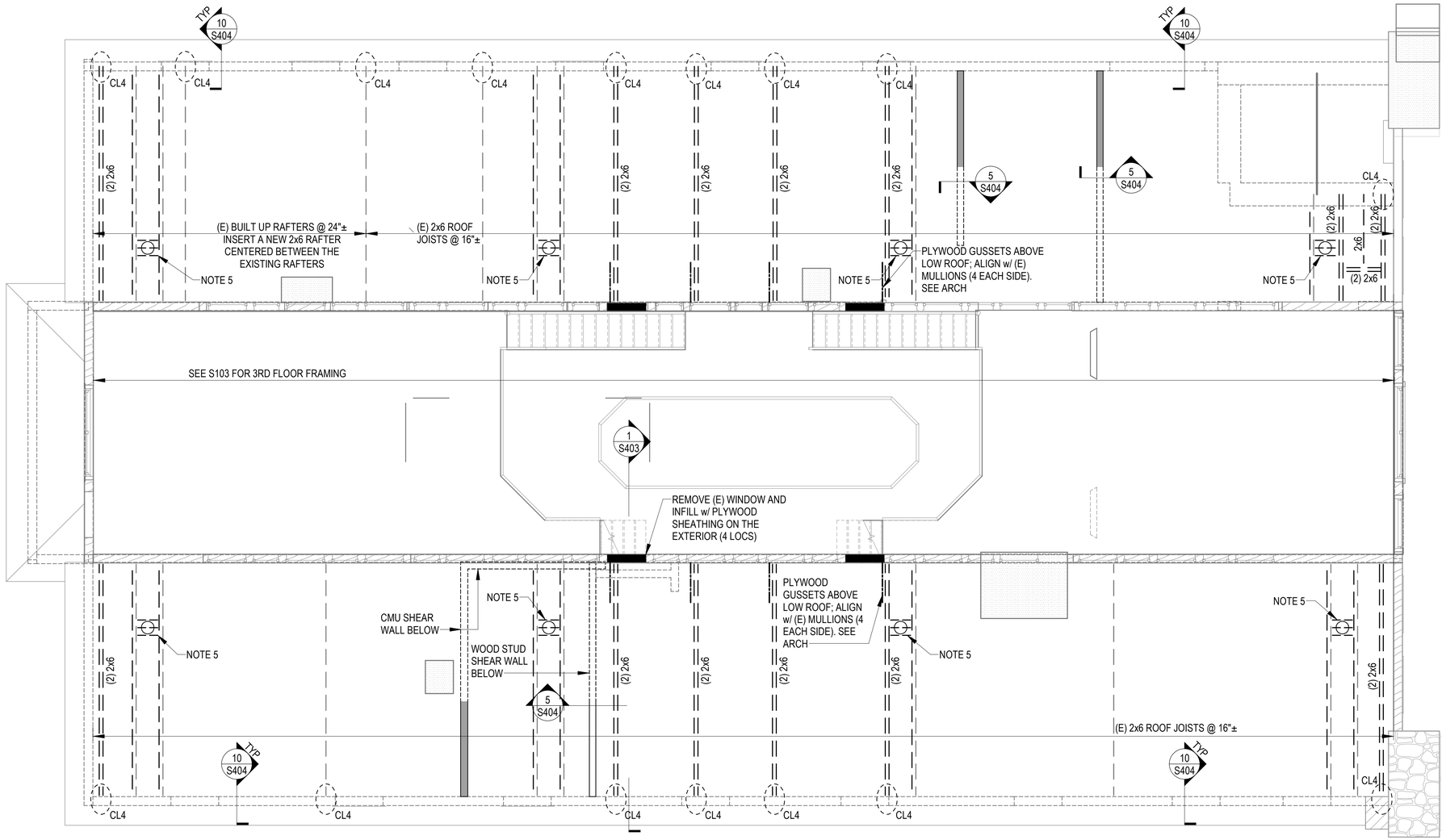
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SCALE OF FEET

DRAFT

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1 S104L **LOW ROOF FRAMING PLAN**

SCALE (B)

FRAMING PLAN NOTES:

1. REFERENCE FOUNDATION PLANS FOR GRID DIMENSIONS.
2. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR FIREPROOFING REQUIREMENTS.
3. REFERENCE SHEETS S300-S302 AND S400-S402 FOR TYPICAL DETAILS OF CONSTRUCTION NOT SHOWN ON PLAN.
4. BEAMS AND JOISTS TO BE SPACED EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE.
5. FALL PROTECTION ANCHOR LOCATIONS: SISTER EXISTING ROOF RAFTER WITH 2x6 & PROVIDE SOLID FLAT 2x6 BLOCKING BETWEEN; REFER TO FALL PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

SCALE (B) 4 0 4 8
SCALE OF FEET

DRAFT

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| DESIGNED: Designer | SUB SHEET NO. | TITLE OF SHEET: LOW ROOF FRAMING PLAN | DRAWING NO. |
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| DATE: 1/10/2025 | | | |

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1 S200 EAST ELEVATION
NTS



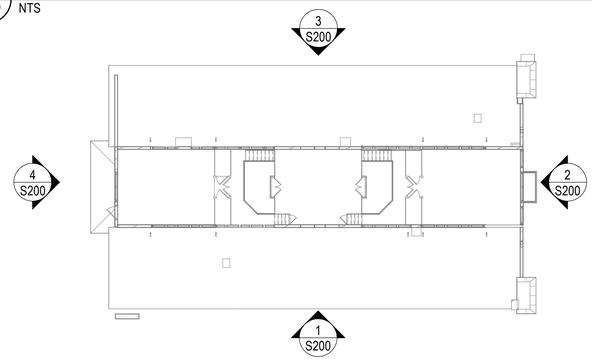

2 S200 NORTH ELEVATION
NTS




3 S200 WEST ELEVATION
NTS




4 S200 SOUTH ELEVATION
NTS




5 S200 KEY PLAN FOR ELEVATIONS
NTS

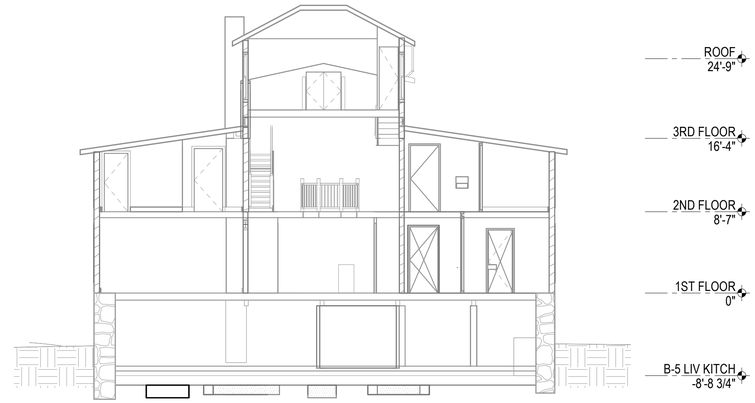
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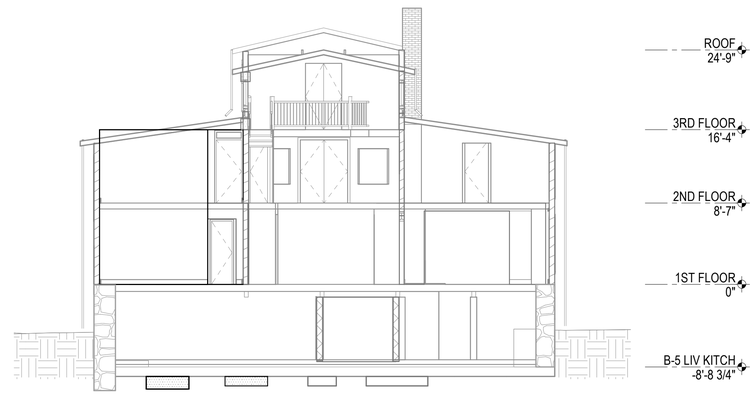

1 S201 LONG SECTION AT ATRIUM
NTS




2 S201 CROSS SECTION - TOPMOST CAMBER
NTS



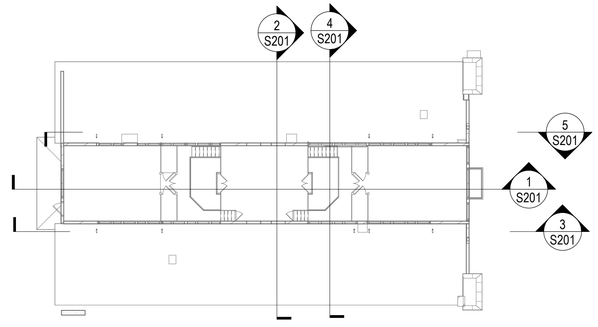

3 S201 INTERIOR ELEVATION - EAST WALL
NTS




4 S201 CROSS SECTION - THIRD FLOOR
NTS




5 S201 INTERIOR ELEVATION - WEST CORRIDOR
NTS

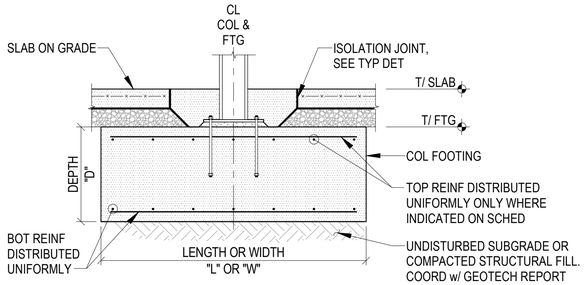



6 S201 KEY PLAN FOR SECTIONS
NTS

DRAFT

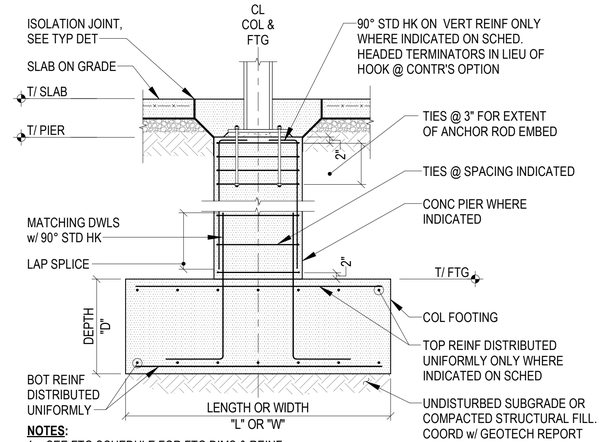
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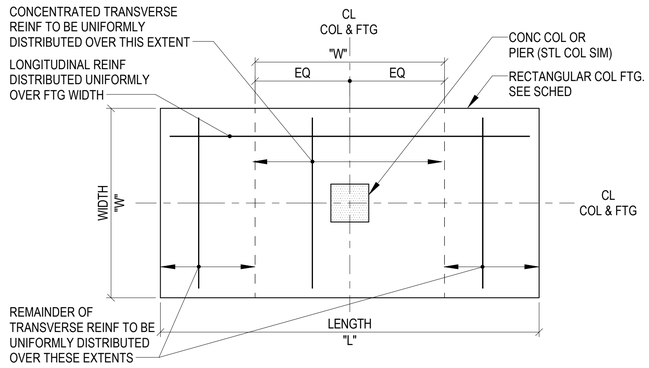

**NOTE:** SEE SCHEDULE FOR FTG DIMS & REINFORCEMENT.

A S300 DETAIL - TYPICAL SQUARE COLUMN FOOTING w/ STEEL COLUMN
NTS



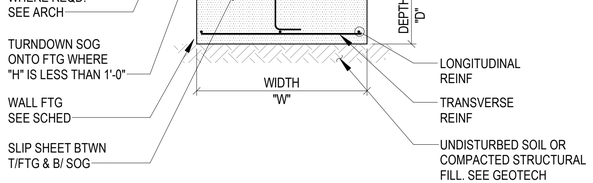

**NOTES:**
1. SEE FTG SCHEDULE FOR FTG DIMS & REINF.
2. SEE PIER SCHEDULE FOR PIER DIMS & REINF. SEE TYP DET FOR PIER REINF CONFIGURATION.

B S300 DETAIL - TYPICAL SQUARE COLUMN FOOTING w/ PIER & STEEL COLUMN
NTS

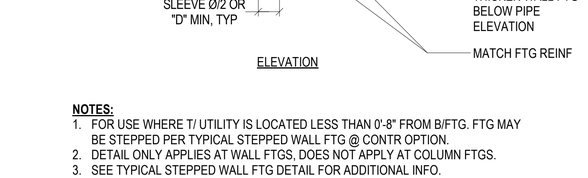



**NOTES:**
1. CONCENTRATED TRANSVERSE REINF = 2/(L/W+1) x TOTAL # OF SCHEDULED TRANSVERSE REINF.
2. LONGITUDINAL REINF PLACED BELOW TRANSVERSE REINF IN BOTTOMMOST LAYER UNO
3. SEE TYPICAL COLUMN FOOTING DETAIL FOR ADDITIONAL INFO.

C S300 PLAN DETAIL - TYPICAL RECTANGULAR COLUMN FOOTING REINFORCEMENT
NTS

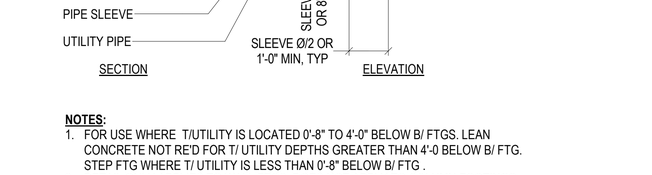



D S300 DETAIL - TYPICAL INTERIOR CONT WALL FTG
NTS



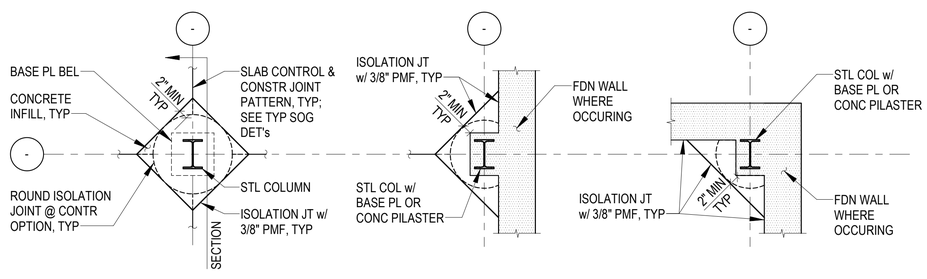

**NOTES:**
1. FOR USE WHERE T/ UTILITY IS LOCATED LESS THAN 0'-8" FROM B/FTG. FTG MAY BE STEPPED PER TYPICAL STEPPED WALL FTG @ CONTR OPTION.
2. DETAIL ONLY APPLIES AT WALL FTGS, DOES NOT APPLY AT COLUMN FTGS.
3. SEE TYPICAL STEPPED WALL FTG DETAIL FOR ADDITIONAL INFO.
4. WALL DWLS INTO FTG NOT SHOWN.

E S300 DETAIL - TYPICAL THICKENED WALL FTG @ UTILITY
NTS



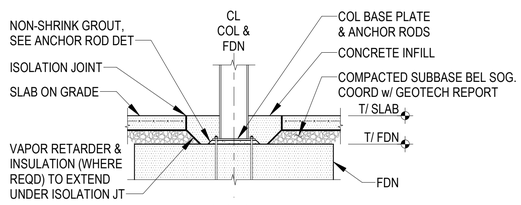

**NOTES:**
1. FOR USE WHERE T/UTILITY IS LOCATED 0'-8" TO 4'-0" BELOW B/ FTGS. LEAN CONCRETE NOT RE'D FOR T/ UTILITY DEPTHS GREATER THAN 4'-0 BELOW B/ FTG. STEP FTG WHERE T/ UTILITY IS LESS THAN 0'-8" BELOW B/ FTG .
2. DETAIL ONLY APPLIES TO WALL FTGS. DOES NOT APPLY TO COLUMN FOOTINGS.
3. WALL DWLS INTO FTG NOT SHOWN.

F S300 DETAIL - TYPICAL UTILITY BELOW WALL FOOTING
NTS




**NOTE:** ENLARGE ISOLATION JOINT EXTENT FOR GUSSET PLATES @ BRACED FRAMES AS REQ'D.

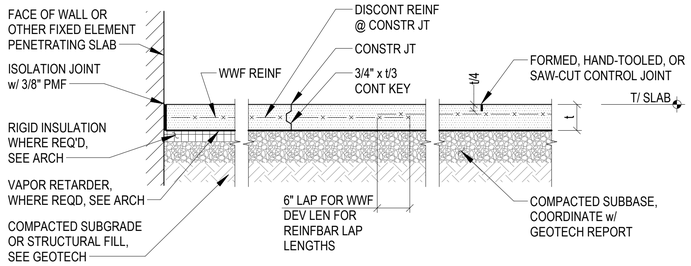
G S300 DETAIL - TYPICAL ISOLATION JOINT IN SLAB ON GRADE @ STEEL COLUMN
NTS




DRAFT

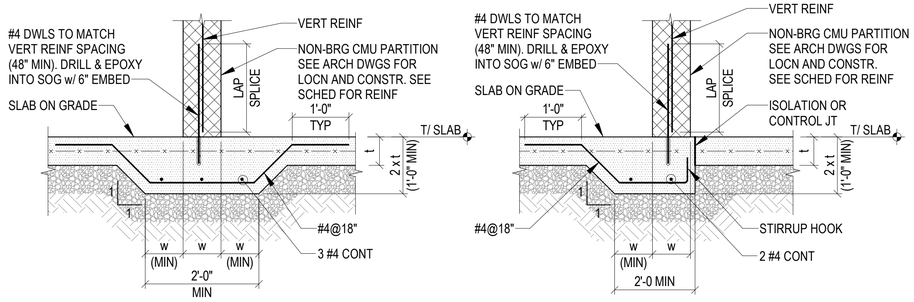
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| TECH. REVIEW: Checker | | | SHEET ____ OF ____ |
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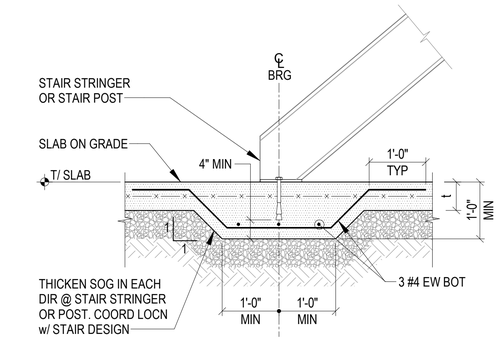

**NOTES:**
1. LOCATE CONSTR OR CTRL JTS ON ALL COL GRIDLINES AND SUBDIVIDE AS REQD TO LIMIT JT SPA TO A MAX OF 36xt INCHES. AT TILE FLOORING OR EPOXY TERRAZZO, COORD SLAB CTRL JT LOCNS WITH TILE JOINTS. COORD WITH ARCH DWGS.
2. LOCATE JTS IN A PATTERN THAT SUB-DIVIDES SLAB INTO PANELS THAT HAVE AN ASPECT RATIO BETWEEN 1.0 AND 1.5.
3. PROV JTS AT ALL SLAB RE-ENTRANT CORNERS OR PROVIDE ADDL REINF PER TYP DET.
4. SUBMIT PROPOSED JT LAYOUT FOR REVIEW.
5. REFER TO SPECS AND ARCH DWGS FOR JT SEALANT REQUIREMENTS.
6. WWF REINFORCEMENT SHOWN, REINFORCING BARS SIMILAR.

A S301 DETAIL - TYPICAL SLAB ON GRADE CONSTRUCTION
NTS



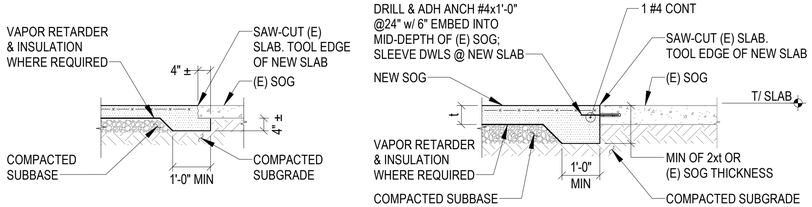

**NOTE:**
SEE TYPICAL SLAB ON GRADE CONSTRUCTION DETAIL FOR INFO NOT SHOWN.

B S301 DETAIL - TYPICAL THICKENED SOG @ CMU (NON-LOAD-BEARING) PARTITION WALL
NTS

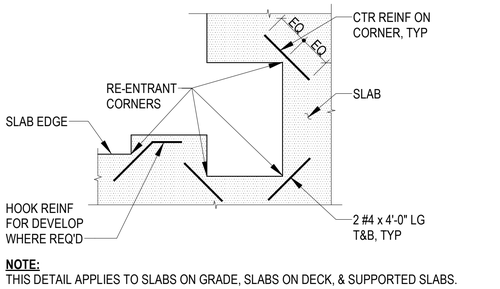



**NOTE:**
SEE TYPICAL SLAB ON GRADE CONSTRUCTION DETAIL FOR INFO NOT SHOWN.

C S301 DETAIL - TYPICAL THICKENED SOG @ STAIR STRINGER OR POST
NTS

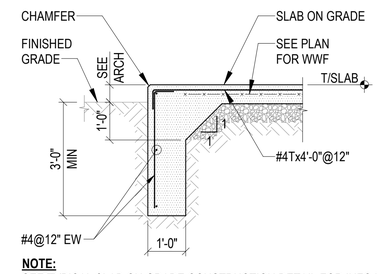



D S301 DETAIL - TYPICAL CONSTR JT BTWN NEW & EXIST SOG
NTS



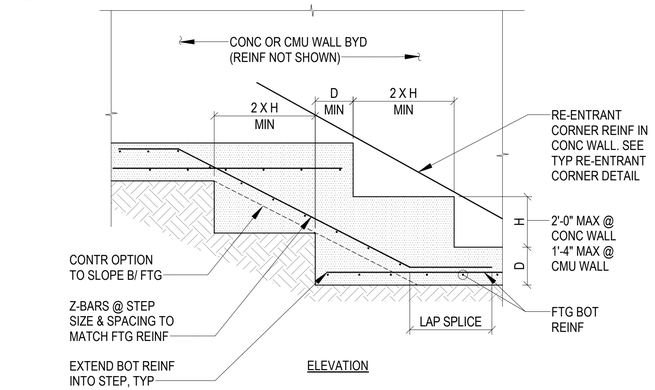

**NOTE:**
THIS DETAIL APPLIES TO SLABS ON GRADE, SLABS ON DECK, & SUPPORTED SLABS.

E S301 PLAN DETAIL - TYPICAL REINF @ SLAB RE-ENTRANT CORNERS
NTS



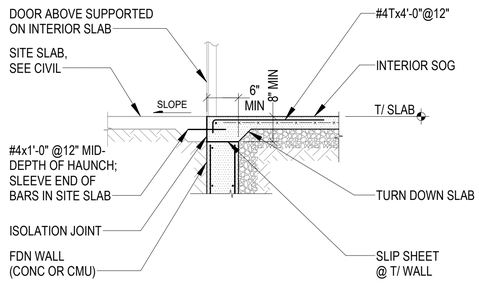

**NOTE:**
SEE TYPICAL SLAB ON GRADE CONSTRUCTION DETAIL FOR INFO NOT SHOWN.

F S301 DETAIL - TYPICAL TURNED DOWN SLAB ON GRADE
NTS



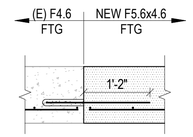

G S301 DETAIL - TYPICAL WALL FOOTING STEP
NTS

**NOTE:** WALL DOWELS INTO FTG NOT SHOWN.




NOTES:
1. PROVIDE ADDITIONAL REINF @ RE-ENTRANT CORNERS IN SOG @ DOOR. SEE TYPICAL DETAIL.
2. DETAIL APPLIES @ DOORS WITH SITE SLABS ONLY. NOT FOR USE @ ASPHALT OR PAVERS.

H S301 DETAIL - TYPICAL SLAB ON GRADE @ EXTERIOR DOORS
NTS

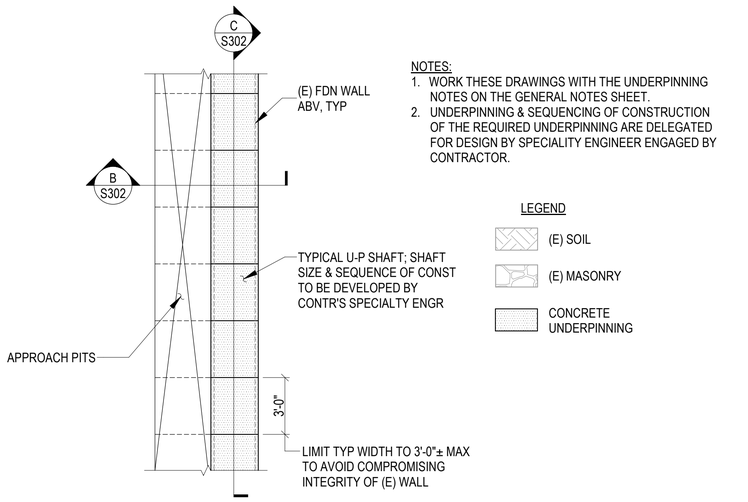



J S301 DETAIL - TYPICAL NEW CONC FTG TO (E) CONC FTG
NTS

DRAFT

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| DATE: 1/10/2025 | | | |

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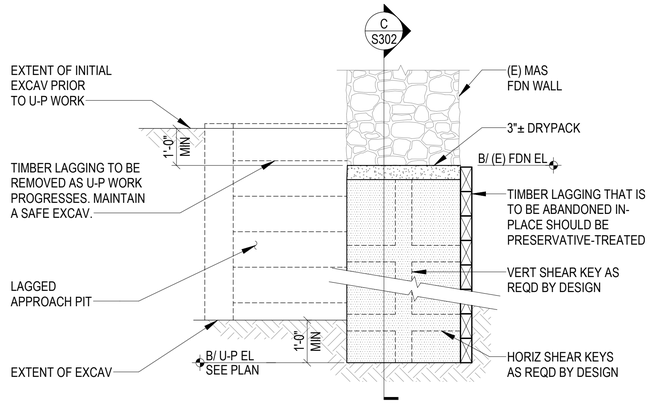



NOTES:
1. WORK THESE DRAWINGS WITH THE UNDERPINNING NOTES ON THE GENERAL NOTES SHEET.
2. UNDERPINNING & SEQUENCING OF CONSTRUCTION OF THE REQUIRED UNDERPINNING ARE DELEGATED FOR DESIGN BY SPECIALITY ENGINEER ENGAGED BY CONTRACTOR.

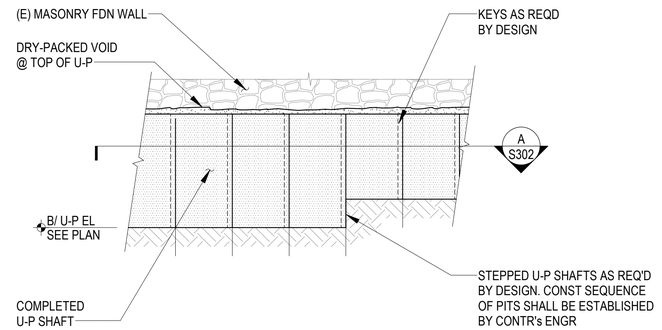
LEGEND
- (E) SOIL
- (E) MASONRY
- CONCRETE UNDERPINNING

**NOTE:** LAGGING NOT SHOWN IN PLAN VIEWS FOR CLARITY.

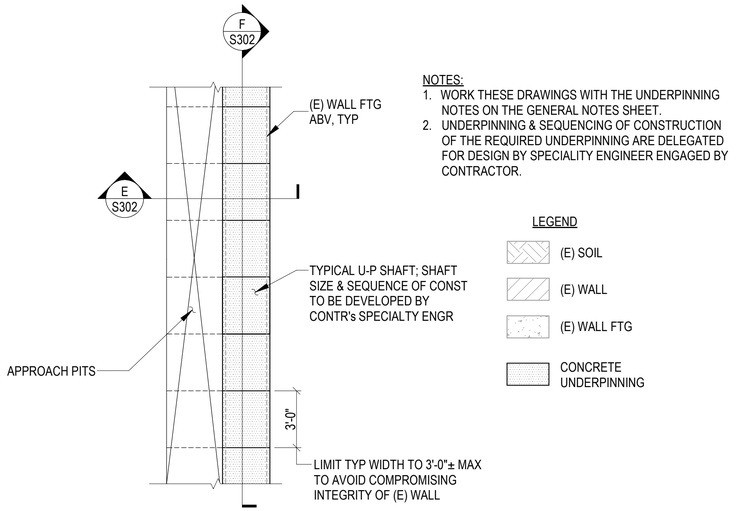
A S302 PLAN DETAIL - TYPICAL COMPLETED U-P SHAFTS @ MAS FDN WALL (DELEGATED DESIGN)
NTS




B S302 SECTION - TYPICAL COMPLETED U-P SHAFT @ MAS FDN WALL (DELEGATED DESIGN)
NTS




C S302 ELEVATION - TYPICAL COMPLETED U-P SHAFTS @ MAS FDN WALL (DELEGATED DESIGN)
NTS

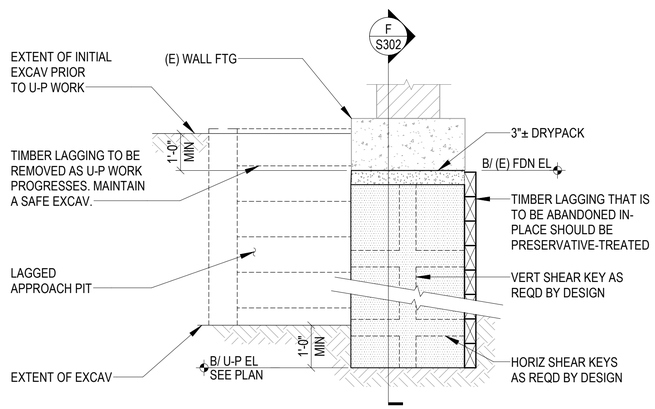



NOTES:
1. WORK THESE DRAWINGS WITH THE UNDERPINNING NOTES ON THE GENERAL NOTES SHEET.
2. UNDERPINNING & SEQUENCING OF CONSTRUCTION OF THE REQUIRED UNDERPINNING ARE DELEGATED FOR DESIGN BY SPECIALITY ENGINEER ENGAGED BY CONTRACTOR.

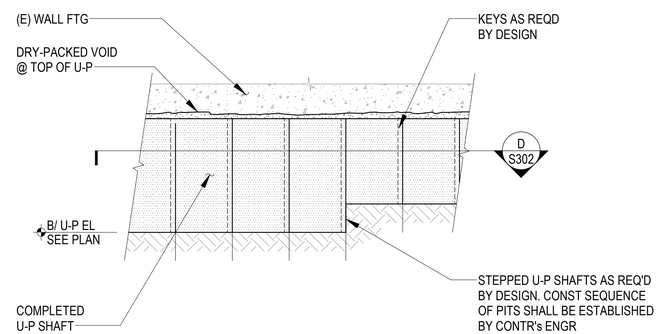
LEGEND
- (E) SOIL
- (E) WALL
- (E) WALL FTG
- CONCRETE UNDERPINNING

**NOTE:** LAGGING NOT SHOWN IN PLAN VIEWS FOR CLARITY.

D S302 PLAN DETAIL - TYPICAL COMPLETED U-P SHAFTS @ WALL FTG (DELEGATED DESIGN)
NTS




E S302 SECTION - TYPICAL COMPLETED U-P SHAFT @ WALL FTG (DELEGATED DESIGN)
NTS

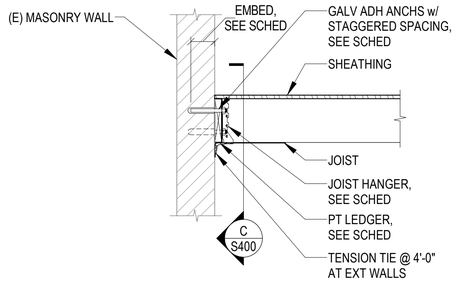



F S302 ELEVATION - TYPICAL COMPLETED U-P SHAFTS @ WALL FTG (DELEGATED DESIGN)
NTS

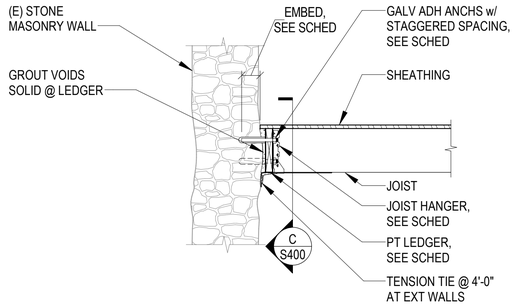
DRAFT

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| DESIGNED: Designer | SUB SHEET NO. S302 | TITLE OF SHEET: TYPICAL DETAILS – UNDERPINNING<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. |
| CADD: Author | | | PMIS/PKG NO. |
| TECH. REVIEW: Checker | | | SHEET ____ OF ____ |
| DATE: 1/10/2025 | | | |

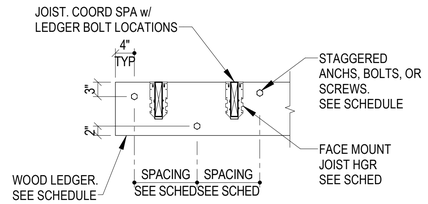
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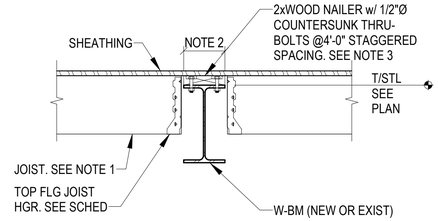

A S400 DETAIL - TYPICAL WOOD LEDGER @ (E) BRICK MASONRY WALL
NTS




B S400 DETAIL - TYPICAL WOOD LEDGER @ (E) STONE MASONRY WALL
NTS

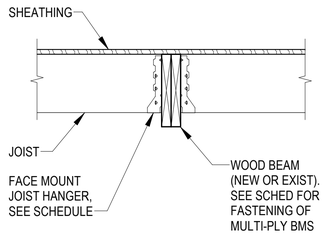


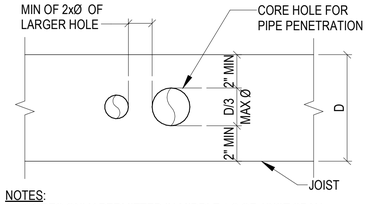

C S400 DETAIL - TYPICAL ANCHOR SPACING @ WOOD LEDGER
NTS



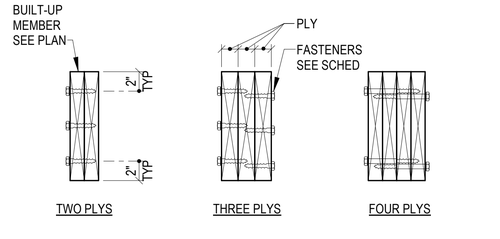

NOTES:
1. STAGGER SPACING OF JOISTS FOR NARROW W-BEAM FLANGES AS REQUIRED.
2. 2x NAILER WIDTH OF STEEL BEAM.
3. PAFS @ 2'-0" SPACING IN LIEU OF THRU BOLTS @ CONTRACTOR OPTION.

D S400 DETAIL -TYPICAL WOOD JOIST CONN TO STEEL BEAM
NTS




NOTES:
1. CORES ONLY PERMITTED IN MIDDLE 1/3 OF JOIST SPAN.
2. NOTCHING OF JOISTS IS NOT PERMITTED.
3. CORES NOT PERMITTED WITHIN 2'-0" OF CONCENTRATED LOADS.
4. SUBMIT LOCATIONS OF CORES TO ENGINEER FOR REVIEW.




**MULTI-PLY WOOD BEAM FASTENING SCHEDULE**

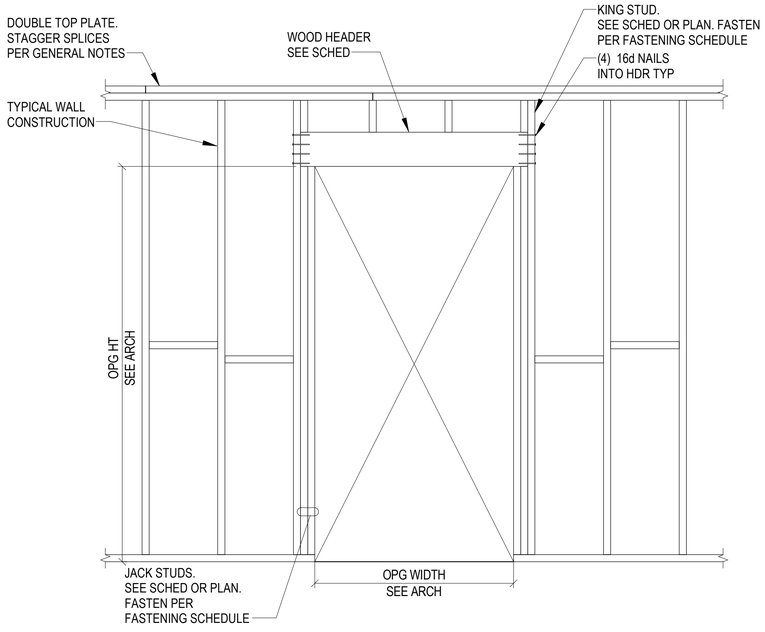
| FASTENERS | TWO PLIES | THREE PLIES | FOUR PLIES |
|---|---|---|---|
| 10dx3" NAILS | 3 ROWS @ 12" | 3 ROWS @ 12" EF STAGGERED | DO NOT USE |
| 1/2"Ø A307 THROUGH BOLT | 2 ROWS @ 24" | 2 ROWS @ 24" | 2 ROWS @ 24" |
| SIMPSON SDS 1/4"x3 1/2" SCREWS | 2 ROWS @ 24" | 2 ROWS @ 24" EF STAGGERED | DO NOT USE |
| SIMPSON SDS 1/4"x6" SCREWS | DO NOT USE | DO NOT USE | 2 ROWS @ 24" EF STAGGERED |

**NOTES:**
1. INSTALL SPECIFIED FASTENERS ON BOTH SIDES OF BUILT-UP BEAM FOR 3 &4 PLY ASSEMBLIES. (DOES NOT INCLUDE THRU-BOLTS).
2. 5" MIN END DISTANCE FOR BOLTS AND SCREWS. 2" MIN FOR NAILS.
3. BOLTS REQUIRE WASHERS BOTH SIDES - HOLE TO BE 9/16"Ø.
4. STAGGERED INDICATES FASTENERS ARE STAGGERED BETWEEN EA FACE OF BUILT UP MEMBER. SEE ELEVATION.

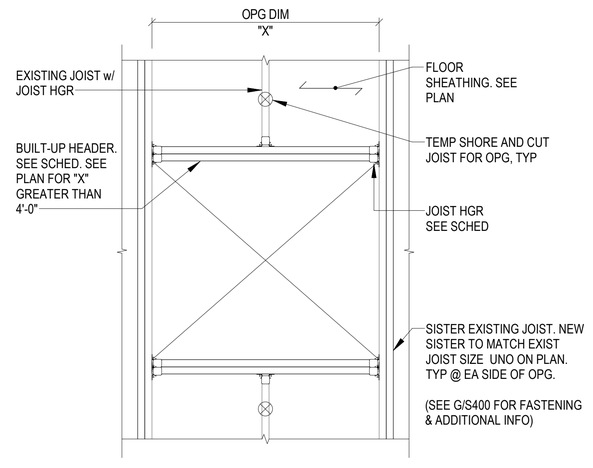
G S400 DETAIL - MULTI-PLY WOOD BEAM FASTENING
NTS

E S400 DETAIL - WOOD JOIST CONN TO WOOD BEAM
NTS

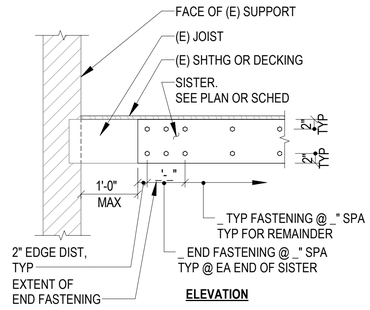
F S400 DETAIL - TYPICAL WOOD JOIST PENETRATION
NTS

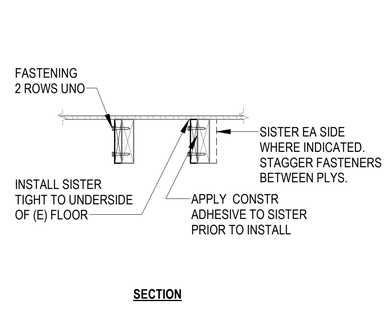



H S400 ELEVATION - TYPICAL WOOD HEADER @ WALL OPENING (NON-SHEAR WALL)
NTS




J S400 PLAN DETAIL - TYPICAL OPENING IN EXISTING FLOOR
NTS




**NOTE:**
1. REMOVE (E) BRIDGING OR BLOCKING FOR SISTER INSTALL AS REQD. REINSTALL OR REPLACE AFTER SISTER INSTALL.

K S400 DETAIL - TYPICAL JOIST SISTER
NTS

DRAFT

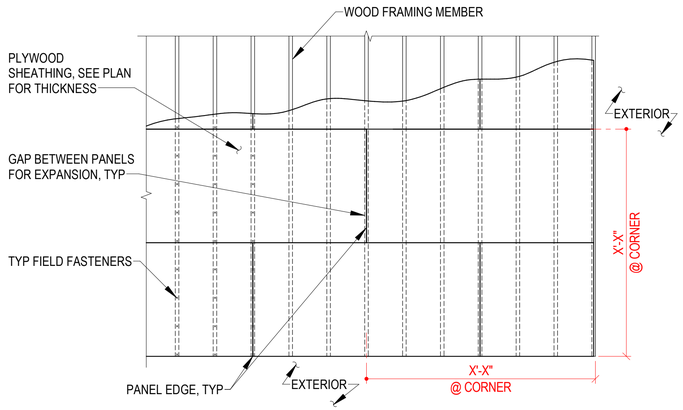
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| DESIGNED: | BDW |
| CADD: | DL |
| TECH. REVIEW: | DLR |
| DATE: | 1/10/2025 |

SUB SHEET NO. S400

TITLE OF SHEET
TYPICAL DETAILS – WOOD
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

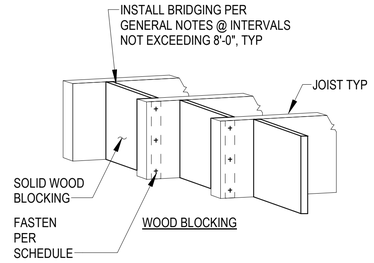
DRAWING NO. ———
PMIS/PKG NO.
SHEET ____ OF ____

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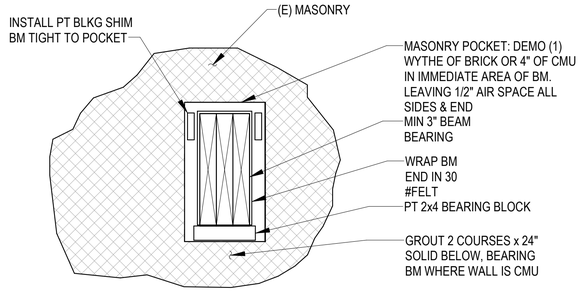



| FASTENER SCHEDULE | |
|---|---|
| TYP EDGE FASTENERS | Xd NAILS @ X" |
| TYP FIELD FASTENERS | Xd NAILS @ X" |
| TYP CORNER FASTENERS | Xd NAILS @ X" |

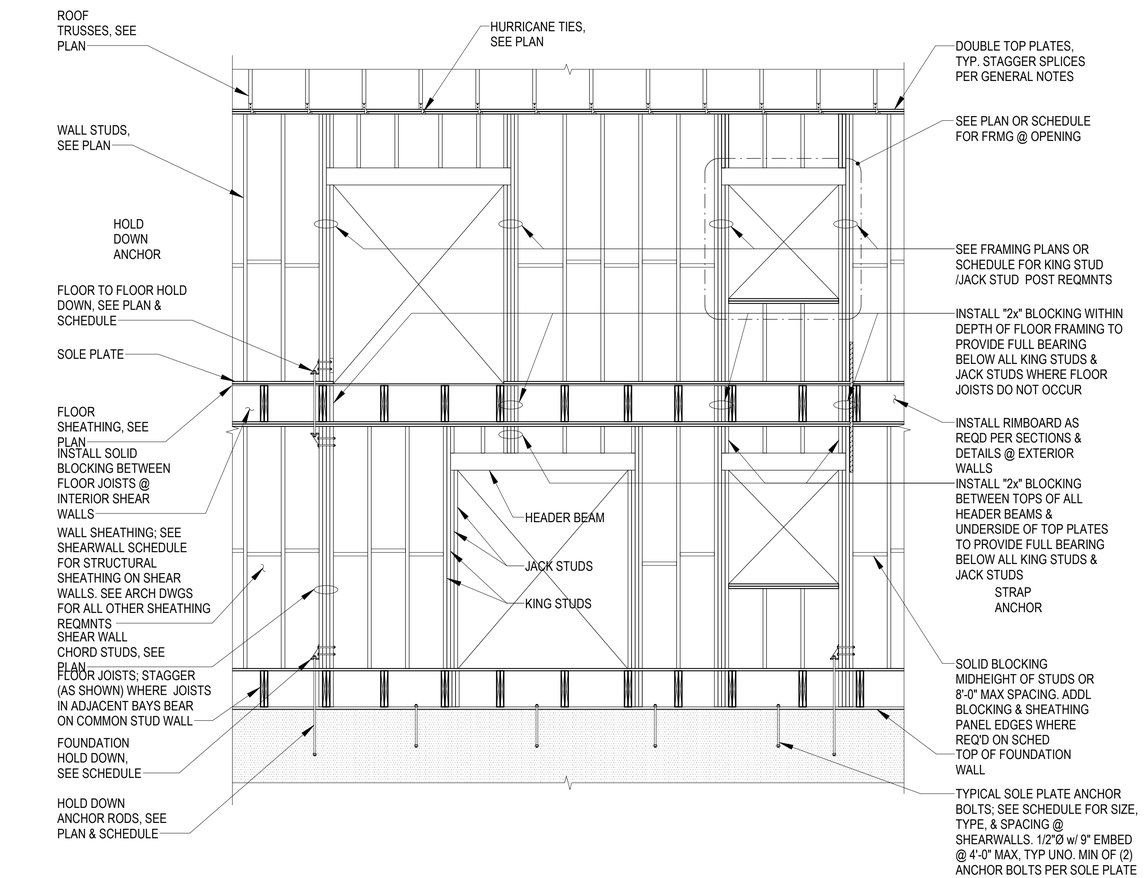
A S401 PLAN DETAIL - DIAPHRAM FASTENING
NTS



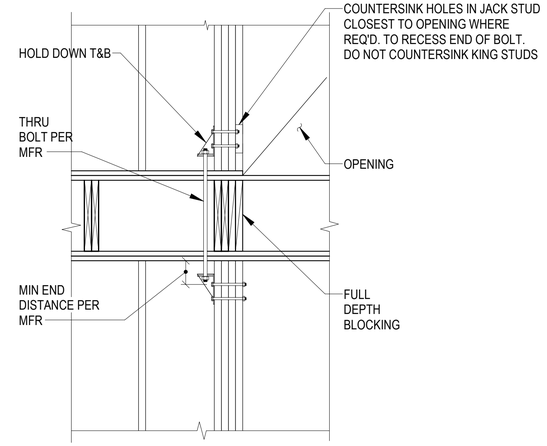

B S401 DETAIL - TYPICAL JOIST BRIDGING
NTS



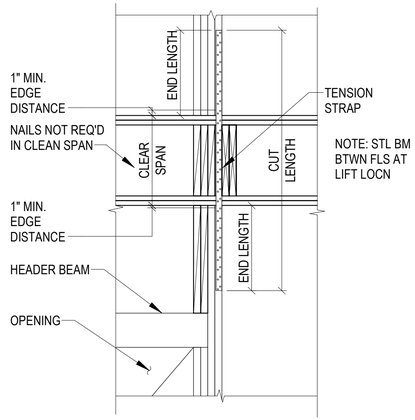

C S401 DETAIL - TYPICAL WOOD BEAM BEARING ON EXISTING MASONRY WALL
NTS



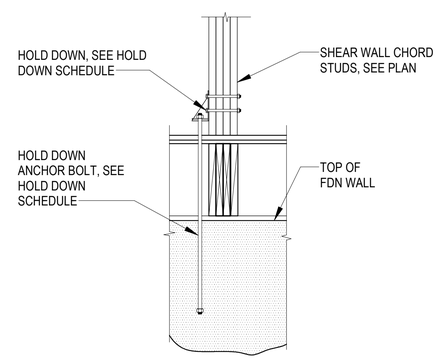

D S401 ELEVATION - TYPICAL WOOD BEARING / SHEAR WALL CONSTRUCTION
NTS




E S401 DETAIL - TYPICAL HOLD DOWN @ FLOOR
NTS




F S401 DETAIL - TYPICAL TENSION STRAP @ FLOOR
NTS




G S401 DETAIL - HOLD DOWN ANCHOR @ FOUNDATION
NTS

DRAFT

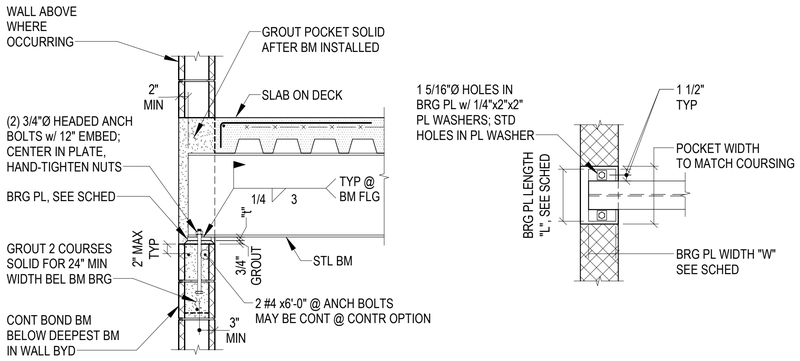
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| TECH. REVIEW: | DLR |
| DATE: | 1/10/2025 |

SUB SHEET NO. S401

TITLE OF SHEET
TYPICAL DETAILS – WOOD
REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO.
PMIS/PKG NO.
SHEET ____ OF ____

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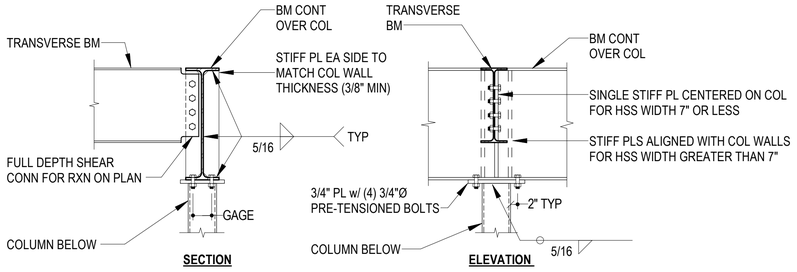



**SECTION - BEAM PERPENDICULAR**

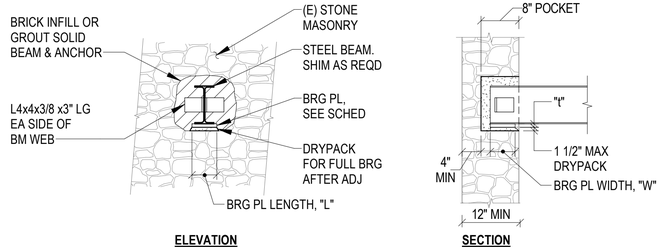



**PLAN - BEAM PERPENDICULAR**

A S402 DETAIL - TYP BEAM BEARING ON CMU WALL (PERPENDICULAR)
NTS

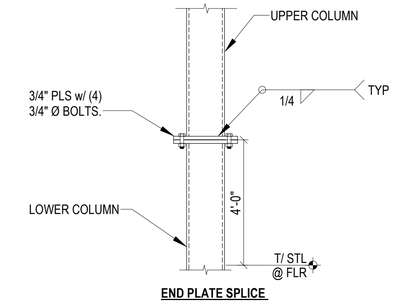



**SECTION** **ELEVATION**




**ELEVATION** **SECTION**

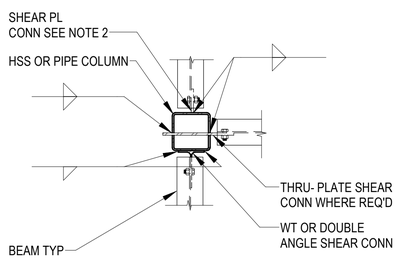
B S402 DETAIL - TYPICAL BEAM BEARING ON (E) RUBBLE WALL
NTS



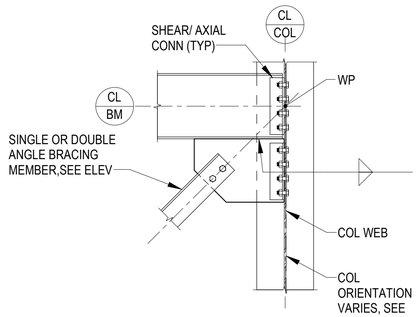

**END PLATE SPLICE**

**NOTES:**
1. COORD END PLATE DIMS w/ COLUMN ENCLOSURE. SEE ARCHITECTURAL DWGS.
2. BOLTED SPLICE CONNECTION SHALL BE PRETENSIONED JOINT.

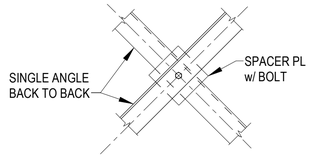
C S402 DETAIL - TYPICAL HSS COLUMN SPLICE (GRAVITY COLUMNS)
NTS




NOTES:
1. ALL CONNECTIONS SHALL BE DESIGNED FOR RXNS ON PLANS
2. CONNECTIONS DESIGN SHALL INCLUDE LOCAL CHECKS ON HSS WALL IN ACCORDANCE WITH AISC CHAPTER K & AISC DESIGN GUIDE 24.
3. RECTANGULAR HSS COLUMN SHOWN, ROUND HSS OR PIPE COLUMN SIMILAR.



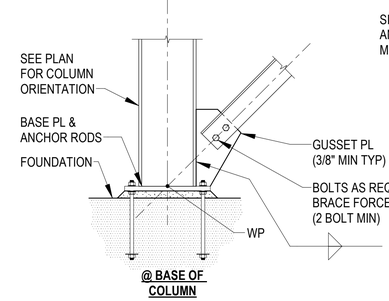

**@ TOP OF COLUMN**



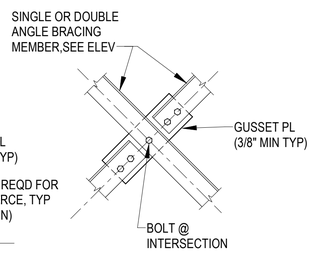

**@ SINGLE ANGLE BRACE INTERSECTION**

D S402 DETAIL - TYPICAL BEAM CONT OVER HSS COLUMN
NTS

E S402 DETAIL - TYPICAL W-SHAPE CONN TO HSS OR PIPE COLUMN (DELEGATED DESIGN)
NTS




**@ BASE OF COLUMN**




**@ SINGLE OR DOUBLE ANGLE BRACE INTERSECTION**

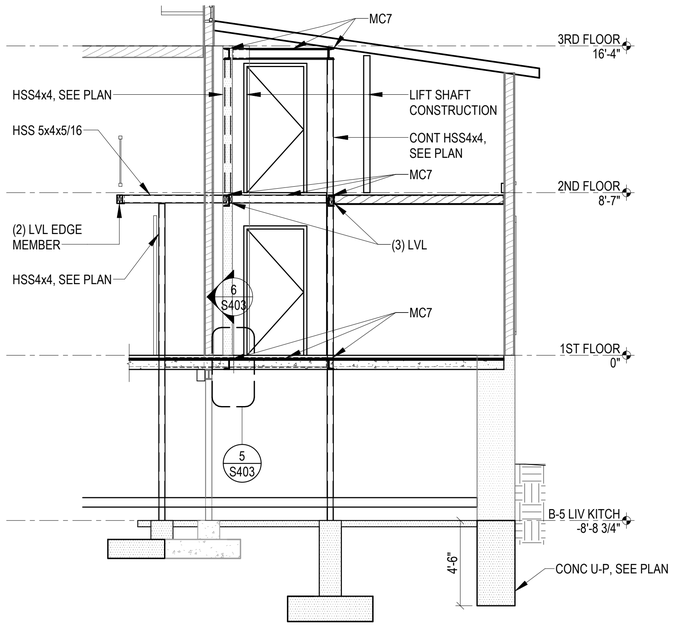
**NOTES:**
1. PROVIDE SPACER PLS, SAME SIZE AS GUSSET PL, SPACE PER AISC REQUIREMENTS.
2. ALL BRACED FRAME CONNECTIONS SHALL BE SLIP CRITICAL JOINTS.

F S402 DETAIL - TYPICAL SINGLE OR DOUBLE ANGLE BRACE CONNECTIONS (DELEGATED DESIGN)
NTS

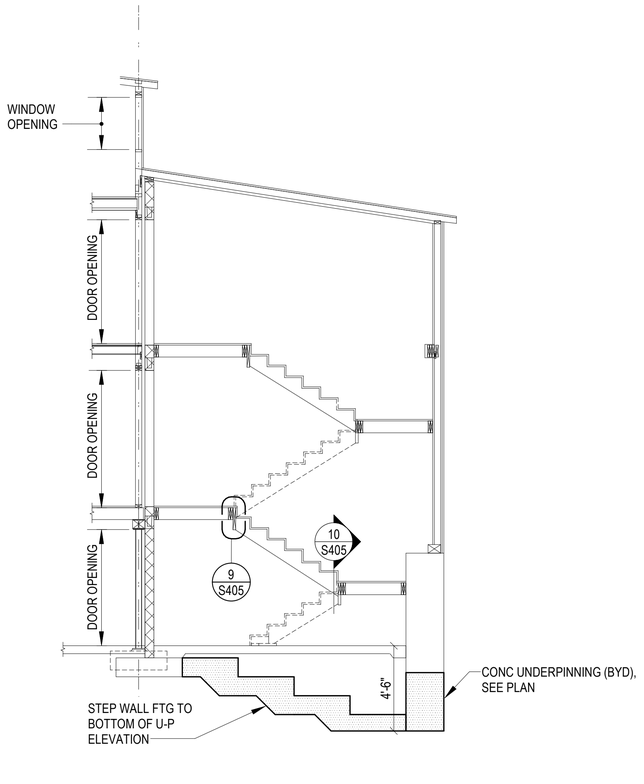
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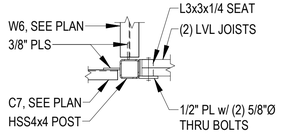
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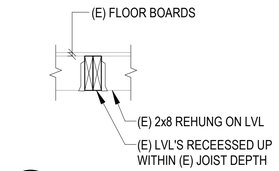

1 S403 ELEVATION - LIFT (LOOKING NORTH)
SCALE (B)



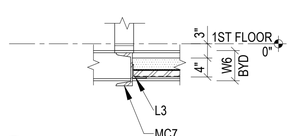

2 S403 ELEVATION - EXIT STAIR (LOOKING NORTH)
SCALE (B)



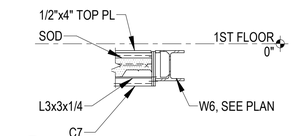

3 S403 DETAIL
SCALE (A)




4 S403 SECTION
SCALE (A)




5 S403 SECTION
SCALE (A)




6 S403 SECTION
SCALE (A)

SCALE (B) 4 0 4 8
SCALE OF FEET

SCALE (A) 1 0 1 2 3
SCALE OF FEET

DRAFT

| | |
|---|---|
| DESIGNED: | BDW |
| CADD: | DL |
| TECH. REVIEW: | DLR |
| DATE: | 1/10/2025 |

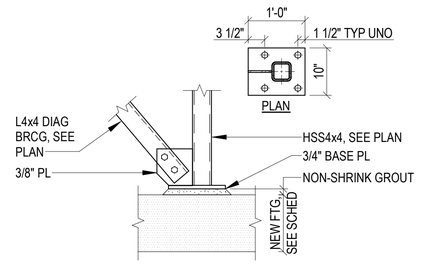
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S403

TITLE OF SHEET
SECTIONS & DETAILS

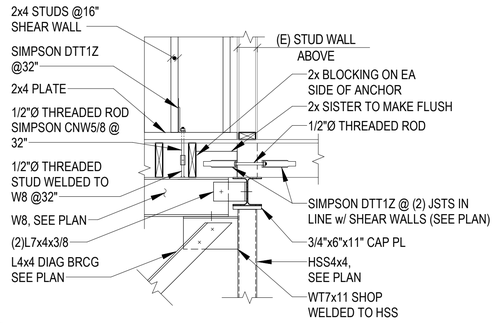
REHABILITATE CLARA BARTON
NATIONAL HISTORIC SITE

DRAWING NO.
PMIS/PKG NO.
SHEET
____ OF ____

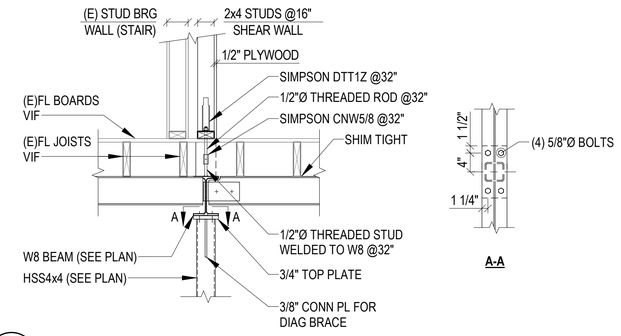
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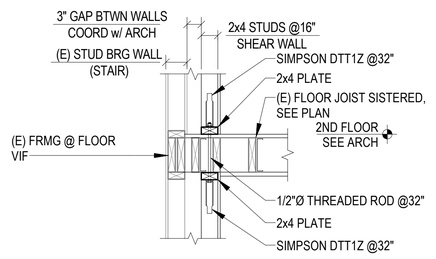

1 S404 SECTION
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2 S404 SECTION
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3 S404 SECTION
SCALE A




4 S404 SECTION
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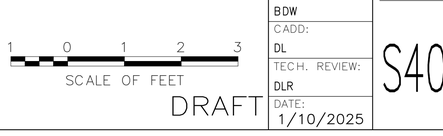

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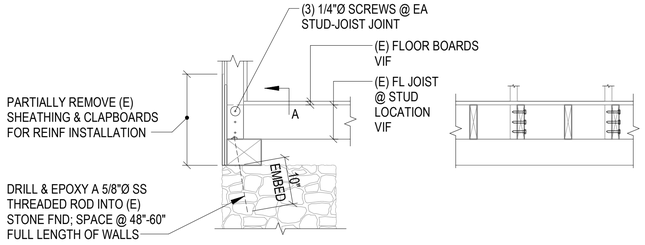

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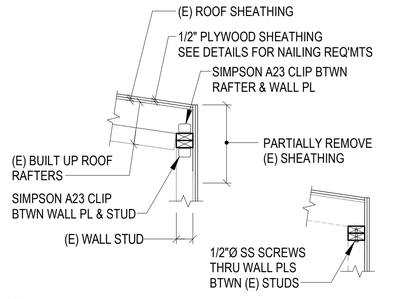

7 S404 SECTION
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8 S404 CL2: EXTERIOR WALL CONNECTION
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9 S404 CL3: EXTERIOR WALL CONNECTION @ BASEMENT
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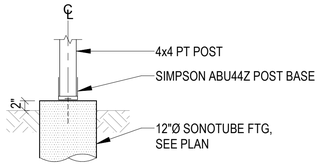

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SCALE A
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SCALE OF FEET

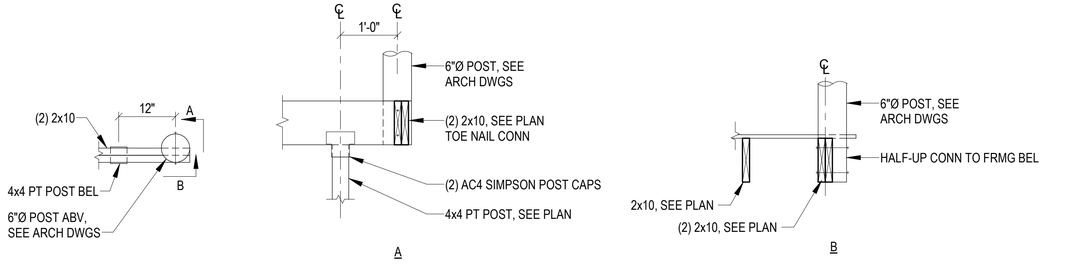
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| DATE: 1/10/2025 | | | |

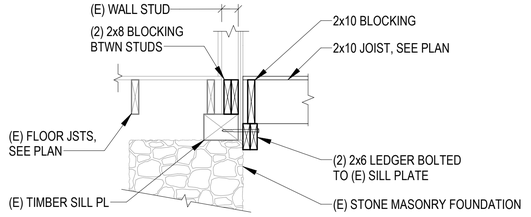
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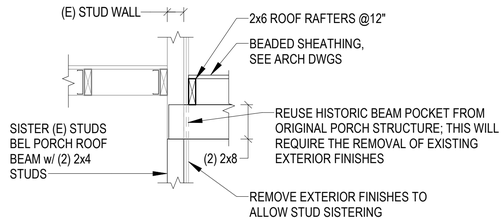

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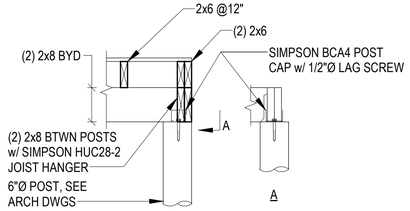

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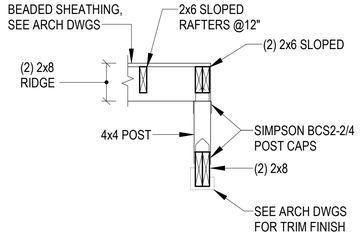

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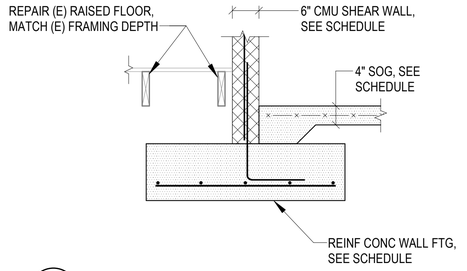

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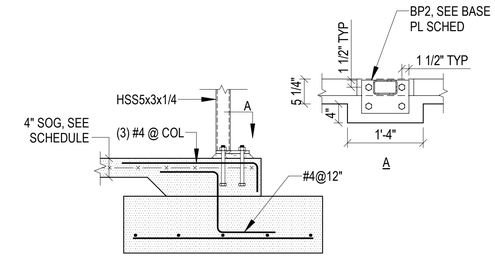

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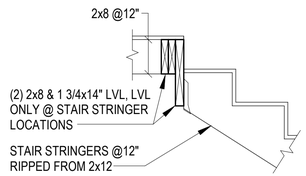

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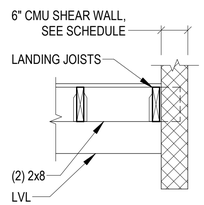

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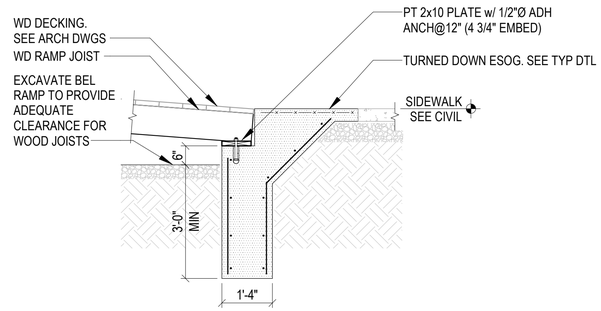

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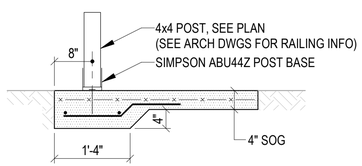

9 S405 SECTION
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10 S405 SECTION
SCALE A




11 S405 SECTION
SCALE C




12 S405 SECTION
SCALE A

SCALE C 2 0 2 4
SCALE OF FEET

SCALE A 1 0 1 2 3
SCALE OF FEET

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| CADD: | DL |
| TECH. REVIEW: | DLR |
| DATE: | 1/10/2025 |

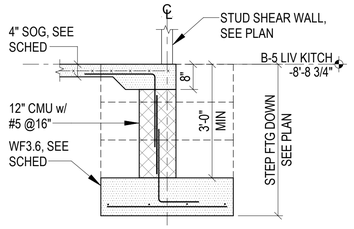
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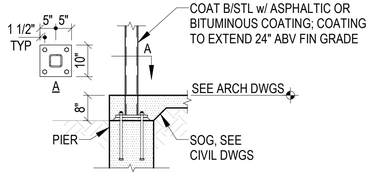
REHABILITATE CLARA BARTON
NATIONAL HISTORIC SITE

DRAWING NO.
PMIS/PKG NO.
SHEET
OF

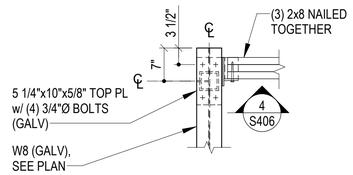
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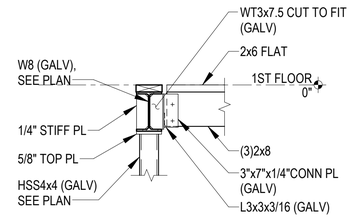

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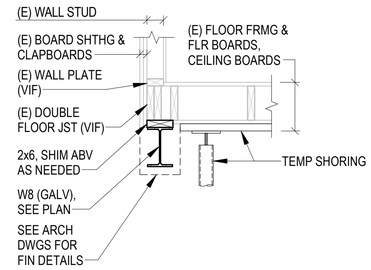

2 S406 SECTION
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3 S406 SECTION
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4 S406 SECTION
SCALE A




5 S406 SECTION
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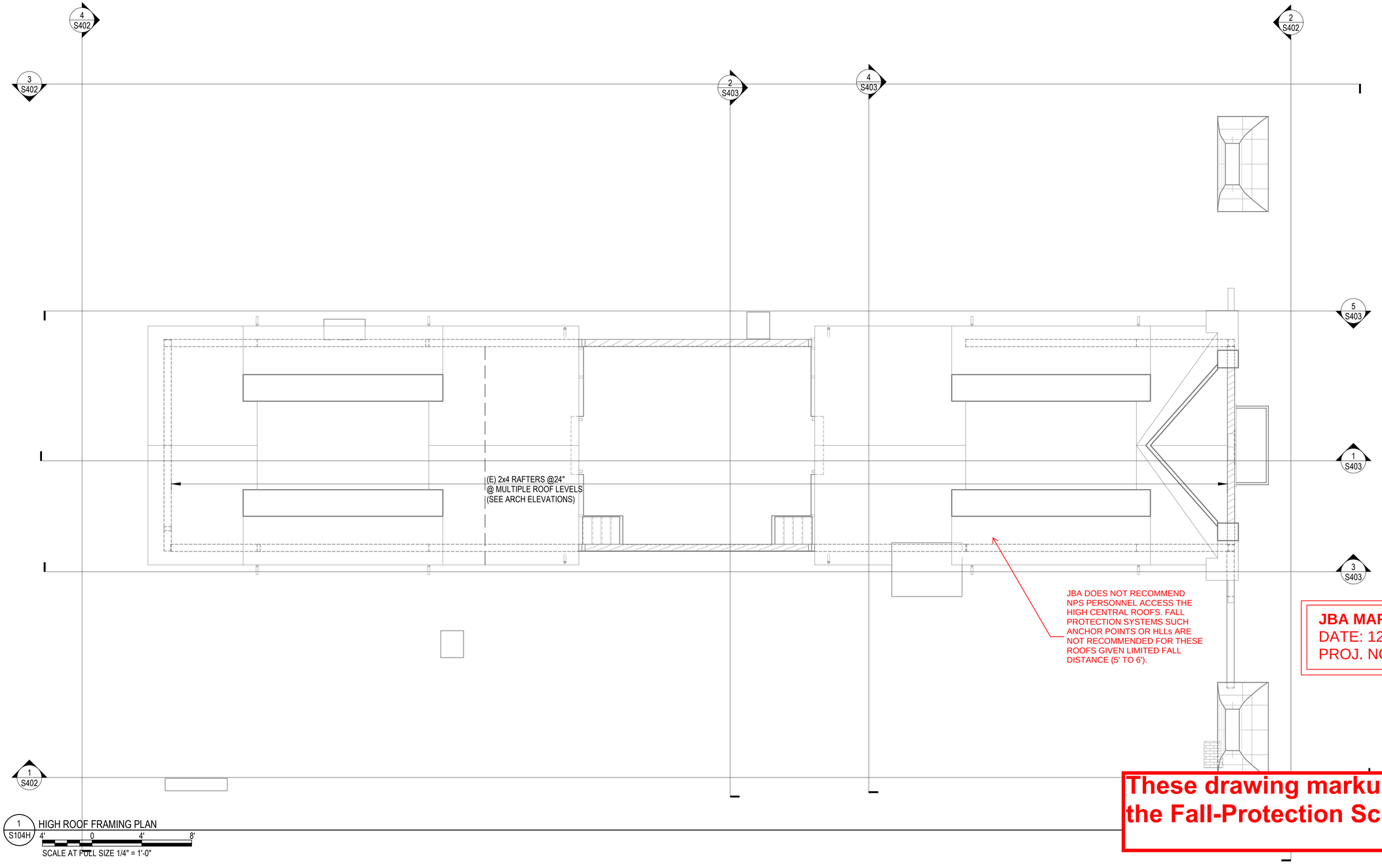
NOTE:
1. JACK (E) FRAMING UP TO LEVEL
   A. RAISE 1/4" & STOP FOR 30 MIN
   B. REPEAT ABV UNTIL FIRST FLOOR IS LEVEL

SCALE A 1 0 1 2 3
SCALE OF FEET

DRAFT

| | |
|---|---|
| DESIGNED: | BDW |
| CADD: | DL |
| TECH. REVIEW: | DLR |
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| DRAWING NO. | |
| PMIS/PKG NO. | |
| SHEET | ____ OF ____ |

1/10/2025 10:04:52 AM Autodesk Docs://Clara Barton National Historic Site/KH_220002A Clara Barton Historic Site_Struct_R23.rvt




**JBA MARK-UPS**
DATE: 12/11/24
PROJ. NO. MI2421

**These drawing markups are for the Fall-Protection Scope**

1 S104H HIGH ROOF FRAMING PLAN

4' 0 4' 8'

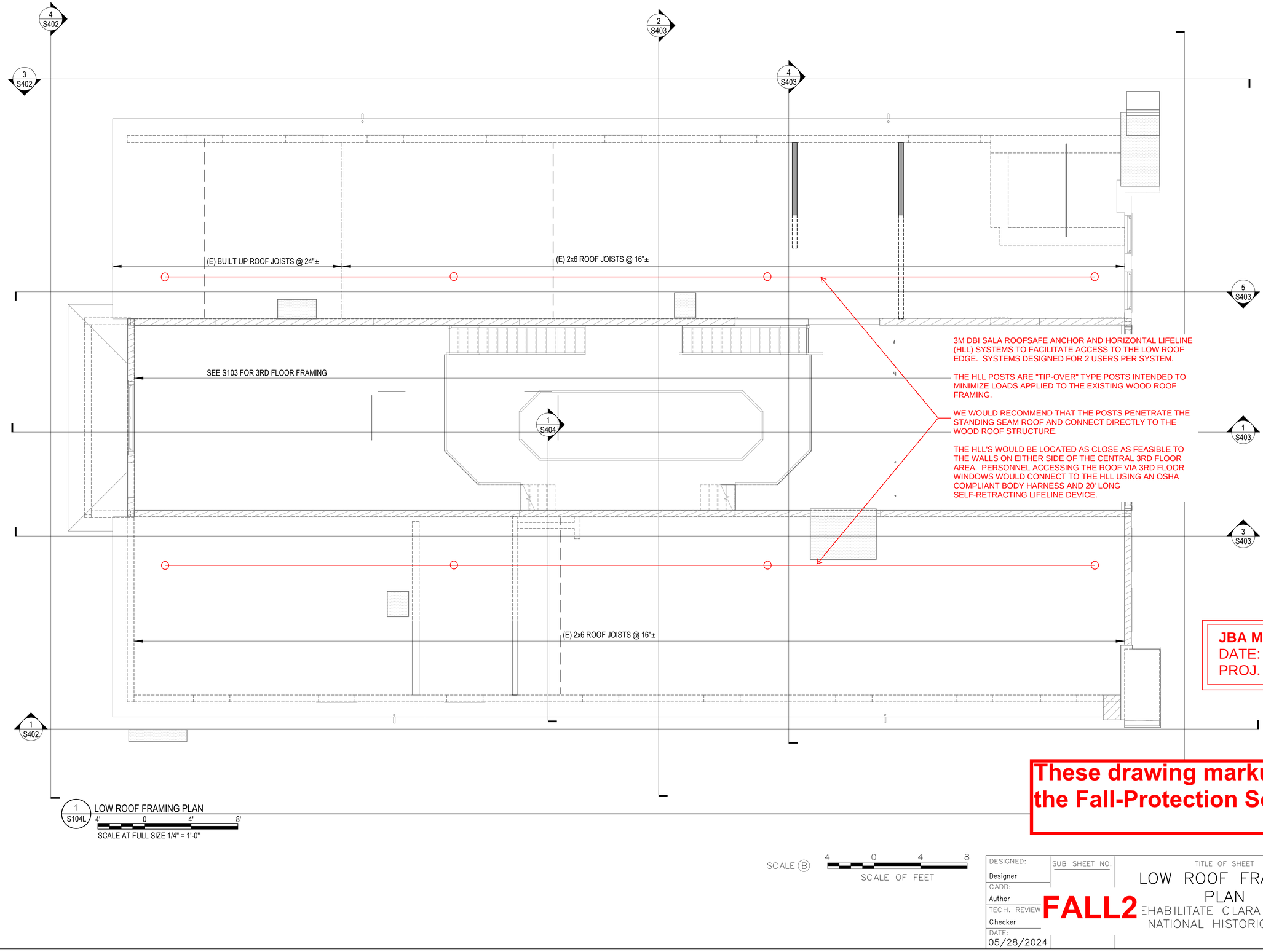
SCALE AT FULL SIZE 1/4" = 1'-0"

SCALE (B) 4 0 4 8

SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: Designer | SUB SHEET NO. | TITLE OF SHEET: HIGH ROOF FRAMING PLAN | DRAWING NO. |
| CADD: Author | | | PMIS/PKG NO. |
| TECH. REVIEW: Checker | **FALL1** | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET ____ OF ____ |
| DATE: 05/28/2024 | | | |

10/31/2024 7:55:09 AM Autodesk Docs://Clara Barton National Historic Site/KH_220002A Clara Barton Historic Site_Struct_R23.rvt




1 S104L LOW ROOF FRAMING PLAN

4' 0 4' 8'

SCALE AT FULL SIZE 1/4" = 1'-0"

**JBA MARK-UPS**
DATE: 12/11/24
PROJ. NO. MI2421

**These drawing markups are for the Fall-Protection Scope**

SCALE (B) 4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
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| DATE: 05/28/2024 | | | |

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## MECHANICAL ABBREVIATIONS

(APPLICABLE TO ALL MECHANICAL DRAWINGS)

| | | | |
|---|---|---|---|
| AFF | ABOVE FINISHED FLOOR | KW | KILOWATTS |
| AHU | AIR HANDLING UNIT | | |
| ALT | ALTERNATE | L | LENGTH |
| | | LAT | LEAVING AIR TEMPERATURE |
| B | BOTTOM | | |
| BAS | BUILDING AUTOMATION SYSTEM | LLS | LIQUID LEVEL SENSOR |
| BDD | BACKDRAFT DAMPER | M | MECHANICAL |
| BHP | BRAKE HORSEPOWER | MAX | MAXIMUM |
| BTU | BRITISH THERMAL UNIT | MBH | THOUSANDS BTU PER HOUR |
| BTUH | BRITISH THERMAL UNIT PER HOUR | MD | MECHANICAL DEMOLITION |
| CAP | CAPACITY | MECH | MECHANICAL |
| CC | COOLING COIL | MIN | MINIMUM |
| CFM | CUBIC FEET PER MINUTE | MOD | MOTOR OPERATED DAMPER |
| CLG | CEILING / COOLING | | |
| CNTR | CENTER | | |
| COND | CONDENSATE / CONDENSER | N | NORTH |
| | | NC | NORMALLY CLOSED |
| CW | COLD WATER | NO | NORMALLY OPEN / NUMBER |
| CX | CONNECT TO EXISTING | | |
| | | NTS | NOT TO SCALE |
| D | DAMPER / DIAMETER / DRAIN / DROP | OA | OUTDOOR AIR |
| DB | DRY BULB | OED | OPEN END DUCT |
| DEG | DEGREES | | |
| DIA | DIAMETER | PD | PRESSURE DROP |
| DIFF | DIFFUSER | PSI | PRESSURE – POUNDS PER SQUARE INCH |
| DN | DOWN | | |
| DOAS | DEDICATED OUTDOOR AIR SYSTEM | R | RADIUS / RISE / RISER |
| DP | DIFFERENTIAL PRESSURE | | |
| DTR | DUAL TEMPERATURE RETURN | RA | RETURN AIR |
| | | RAD | RADIUS |
| DTS | DUAL TEMPERATURE SUPPLY | RD | ROUND |
| | | REG | REGISTER |
| | | RET | RETURN |
| EA | EACH / EXHAUST AIR | RH | REHEAT / RELATIVE HUMIDITY |
| EAT | ENTERING AIR TEMPERATURE | RHC | REHEAT COIL |
| EER | ENERGY EFFICIENCY RATIO | RL | REFRIGERANT LIQUID |
| EF | EXHAUST FAN | RLF | RELIEF AIR |
| EFT | ENTERING FLUID TEMPERATURE | RPM | REVOLUTIONS PER MINUTE |
| ESP | EXTERNAL STATIC PRESSURE | RS | REFRIGERANT SUCTION |
| | | RX | REMOVE EXISTING |
| ETR | EXISTING TO REMAIN | | |
| EX | EXISTING | S | SWITCH |
| | | SA | SUPPLY AIR |
| F | FAHRENHEIT | SD | SMOKE DAMPER / SMOKE DETECTORS |
| FC | FLEXIBLE CONNECTION | | |
| FCU | FAN COIL UNIT | SP | STATIC PRESSURE |
| FD | FIRE DAMPER | | |
| FPD | FLUID PRESSURE DROP | T | TEMPERATURE SENSOR / THERMOSTAT |
| FPM | FEET PER MINUTE | | |
| FT | FEET / FOOT | TEMP | TEMPERATURE |
| | | TYP | TYPICAL |
| G | GAS / GRILLE | | |
| | | UH | UNIT HEATER |
| H | HEIGHT | | |
| HC | HEATING COIL | V | VALVE / VENT / VOLTS |
| HP | HORSEPOWER | | |
| HPU | HEAT PUMP UNIT | VD | VOLUME DAMPER |
| HVAC | HEATING, VENTILATING AND AIR CONDITIONING | VOL | VOLUME |
| | | VU | VENTILATION UNIT |
| HZ | HERTZ | | |
| | | W | WATT / WIDTH |
| IN | INCH / INCHES | WB | WET BULB |

## MECHANICAL LEGEND

(APPLICABLE TO ALL MECHANICAL DRAWINGS)

| SYMBOL | DESCRIPTION |
|---|---|
| – – –HR– – – | HOT WATER HEATING RETURN |
| ———HS——— | HOT WATER HEATING SUPPLY |
| – – –DTR– – – | DUAL TEMPERATURE WATER RETURN |
| ———DTS——— | DUAL TEMPERATURE WATER SUPPLY |
| ———RL——— | REFRIGERANT LIQUID |
| ———RS——— | REFRIGERANT SUCTION |
| | CONNECT TO EXISTING |
| | END POINT OF REMOVAL OF EXISTING |
| 1 / M1.1 | PLAN/ SECTION DESIGNATION<br>TOP - PLAN/ SECTION REFERENCE,<br>BOTTOM - REFERENCED DRAWING |
| | CAP (PIPE OR DUCT) |
| | UNION |
| | EXHAUST AIR DUCT |
| | OUTDOOR AIR OR SUPPLY AIR DUCT |
| | RETURN AIR DUCT |
| (H) | HUMIDISTAT/HUMIDITY SENSOR |
| (T) | THERMOSTAT/TEMPERATURE SENSOR |
| (S) | DUCT MOUNTED SMOKE DETECTOR |
| | BAROMETRIC BACKDRAFT DAMPER |
| | FIRE DAMPER |
| | MOTOR OPERATED DAMPER |
| | VOLUME DAMPER |
| | FLEXIBLE CONNECTION |
| 8x8 / D-1 / 250 | DIFFUSER TAG:<br>TOP- NECK SIZE<br>CENTER- SPECIFICATION TYPE<br>BOTTOM- AIRFLOW IN CFM |

## GENERAL MECHANICAL NOTES

(APPLICABLE TO ALL MECHANICAL DRAWINGS)

1. COORDINATE ALL MECHANICAL WORK WITH PLUMBING WORK, ELECTRICAL WORK, AND WORK OF OTHER TRADES SHOWN ON OTHER DRAWINGS.
2. THE LOCATION OF EXISTING UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. REPAIR ALL DAMAGES OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
3. RUN ALL DRAIN PIPING WITH 2 PERCENT MINIMUM GRADE UNLESS OTHERWISE NOTED.
4. ELEVATIONS NOTED ARE TO CENTERLINES OF PIPES FOR ALL PRESSURE LINES AND TO INVERT FOR ALL GRAVITY FLOW LINES.
5. INSTALL PIPING AND DUCTWORK SO THAT ALL VALVES AND DAMPERS ARE ACCESSIBLE.
6. UNLESS OTHERWISE NOTED, ROUTE ALL PIPING AND DUCTWORK OVERHEAD, TIGHT TO UNDERSIDE OF STRUCTURE, WITH SPACE FOR INSULATION IF REQUIRED.
7. MAINTAIN MINIMUM 6'–8" CLEARANCE TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL AND ELECTRICAL ROOMS.
8. CERTAIN ITEMS SUCH AS ACCESS DOORS, CLEANOUTS, RISE AND DROPS IN DUCTWORK AND PIPING, ETC., ARE INDICATED ON THE DRAWINGS FOR CLARITY OR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THESE ITEMS AS REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS.
9. WHERE THE INSTALLATION OF NEW SERVICES OR THE EXTENSION OF EXISTING SERVICES REQUIRES CUTTING OF EXISTING FLOORS, WALLS, PARTITIONS, ETC., CHECK FOR THE PRESENCE OF EXISTING MECHANICAL, PLUMBING AND ELECTRICAL SERVICES WITHIN OR IMMEDIATELY BENEATH CONSTRUCTION. EXERCISE NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE SERVICES OR INJURY TO PERSONNEL DUE TO CONTACT WITH SAME. TEMPORARILY DISCONNECT SERVICES DURING THE CUTTING OPERATION. SCHEDULE SERVICE OUTAGES IN ADVANCE WITH THE COR.
10. FLOW SCHEMATIC AND RISER DIAGRAMS INDICATE FLOW AND OPERATION CONCEPTS AS WELL AS GENERAL ARRANGEMENT OF EQUIPMENT. VALVES, PRESSURE GAUGES, ETC. ARE INDICATED FOR THIS PURPOSE. PROVIDE ADDITIONAL VALVES, PRESSURE GAUGES, ETC. AS SHOWN ON VARIOUS EQUIPMENT DETAILS. SEE PLANS AND DETAILS FOR PIPE SIZES NOT INDICATED ON FLOW SCHEDULES AND RISER DIAGRAMS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR RESEARCHING ALL SYSTEMS THAT A PARTICULAR OUTAGE WILL AFFECT AS WELL AS LOCATING ALL SHUTOFF POINTS. INCLUDE THIS INFORMATION IN THE OUTAGE PLAN AND SUBMIT TO THE COR FOR APPROVAL.
12. EXCEPT AS OTHERWISE NOTED, LOCATE ALL ROOM TEMPERATURE SENSORS ABOVE FINISHED FLOOR ON SAME HORIZONTAL CENTERLINE AS LIGHT SWITCH. WHERE LIGHT SWITCH AND TEMPERATURE SENSOR ARE ADJACENT TO EACH OTHER, LIGHT SWITCH SHALL BE CLOSEST TO THE DOOR. COORDINATE WITH ELECTRICAL CONTRACTOR. NOTIFY THE COR OF ROOMS WHERE THE ABOVE LOCATION CANNOT BE MAINTAINED OR WHERE THERE IS A QUESTION ON LOCATION.
13. INFORMATION SHOWN ON THE MECHANICAL DRAWINGS PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO DEMOLITION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, OR THERE IS A QUESTION REGARDING SCOPE OF WORK OR LIMITS OF DISTURBANCE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
14. REMOVE ALL EXISTING PIPING, DUCTWORK, EQUIPMENT, AND MATERIALS NOT REQUIRED FOR RE–USE OR RE–INSTALLATION (SHOWN OR OTHERWISE). ALL EXISTING MATERIALS AND EQUIPMENT WHICH ARE REMOVED AND ARE DESIRED BY THE COR, OR ARE INDICATED TO REMAIN THE PROPERTY OF GOVERNMENT SHALL BE DELIVERED BY THE CONTRACTOR WHERE DIRECTED BY THE COR. ALL OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE PREMISES.
15. DISCONNECT EXISTING PIPING NO LONGER REQUIRED TO REMAIN IN SERVICE (SHOWN OR OTHERWISE) AND REMOVE PIPING BACK TO SERVICE MAINS UNLESS OTHERWISE INDICATED OR NOTED ON PLANS. REMOVE EXISTING PIPE HANGERS, SUPPORTS, VALVES, ETC. CAP, PLUG, OR SEAL EXISTING PIPING INDICATED OR REQUIRED TO REMAIN IN SERVICE OR IN PLACE. NO EXISTING PIPING SHALL BE LEFT UNSEALED VALVE ALL TERMINATED PRESSURE PIPE.
16. EXISTING MECHANICAL PIPING, DUCTWORK, EQUIPMENT, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE RE–INSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE COR AND AT NO ADDITIONAL CONTRACT COST.
17. REMOVE ALL ACCESSORIES, CONTROLS, ENCLOSURES, SUPPORTS, HANGERS, PADS, ETC. ASSOCIATED WITH ALL EQUIPMENT SHOWN TO BE REMOVED. REPAIR AND PAINT DAMAGED SURFACES AND ALL SURFACES BEHIND ALL EQUIPMENT SHOWN TO BE DEMOLISHED TO MATCH EXISTING ADJACENT SURFACES.

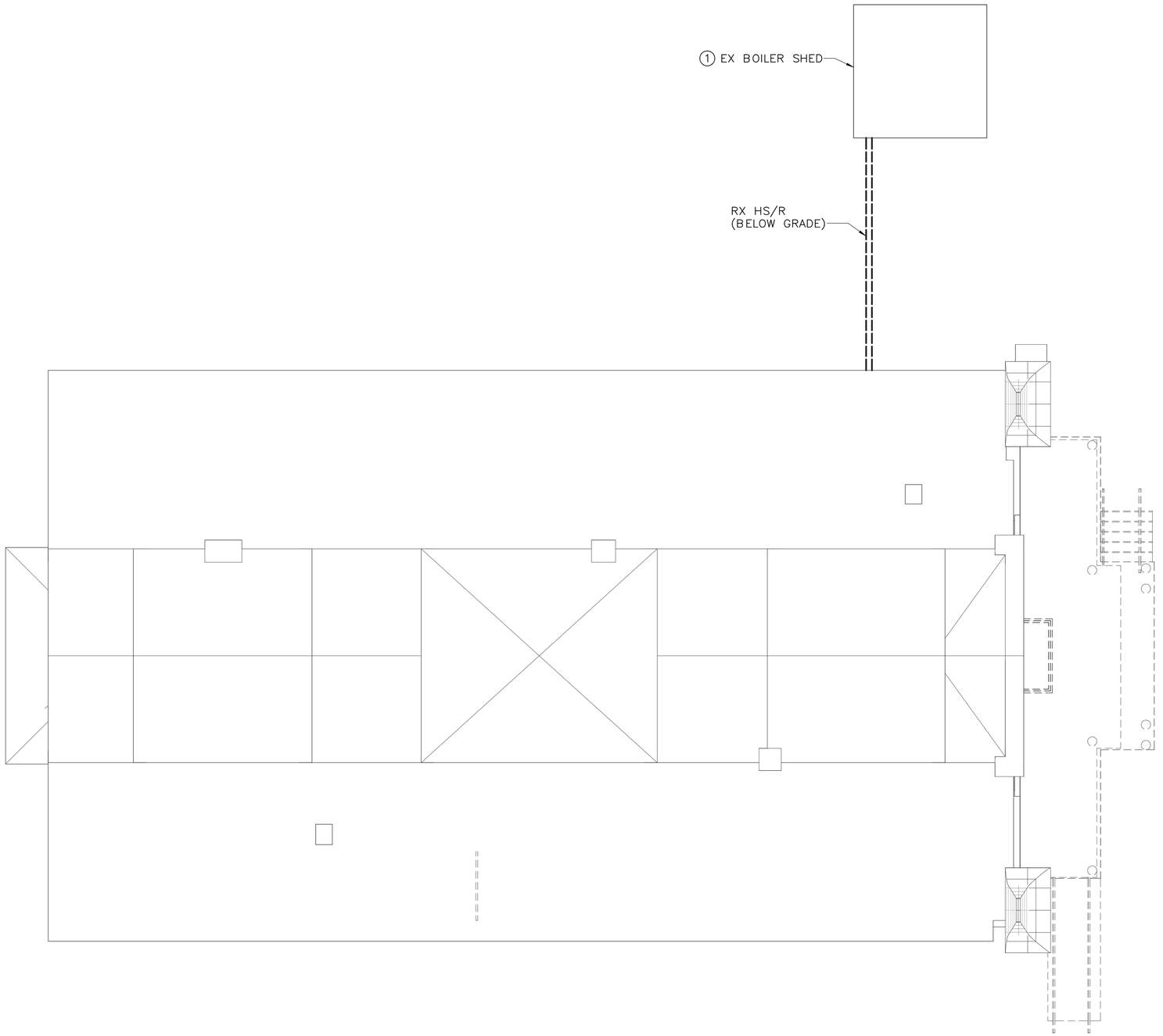
4 0 4 8

SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M0.1 | TITLE OF SHEET: MECHANICAL COVER SHEET<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 / 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:39:17 AM




1 MD0.2 MECHANICAL SITE PLAN – DEMOLITION
SCALE A

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

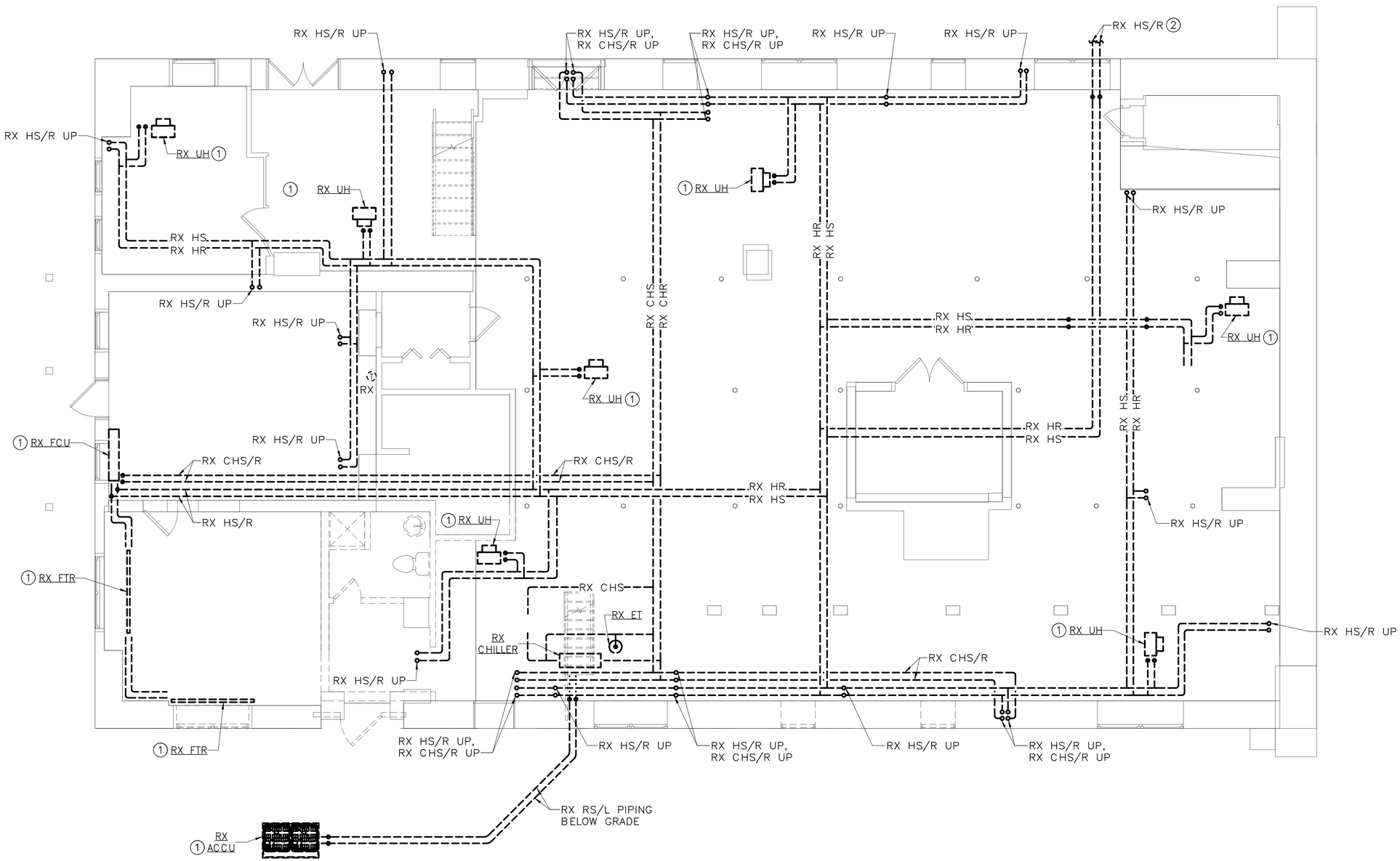
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. RX ALL MECHANICAL EQUIPMENT, PIPING, WIRING, CONTROLS, ETC WITHIN BOILER SHED
2. NOT USED

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO | TITLE OF SHEET | DRAWING NO. 895 179603 |
| CADD MAV | MD0.2 | MECHANICAL SITE PLAN - DEMOLITION | PMIS/PKG NO. 312325 |
| TECH. REVIEW CEL | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:40:32 AM




1 MD2.0 BASEMENT – MECHANICAL PIPING – DEMOLITION PLAN
SCALE A

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

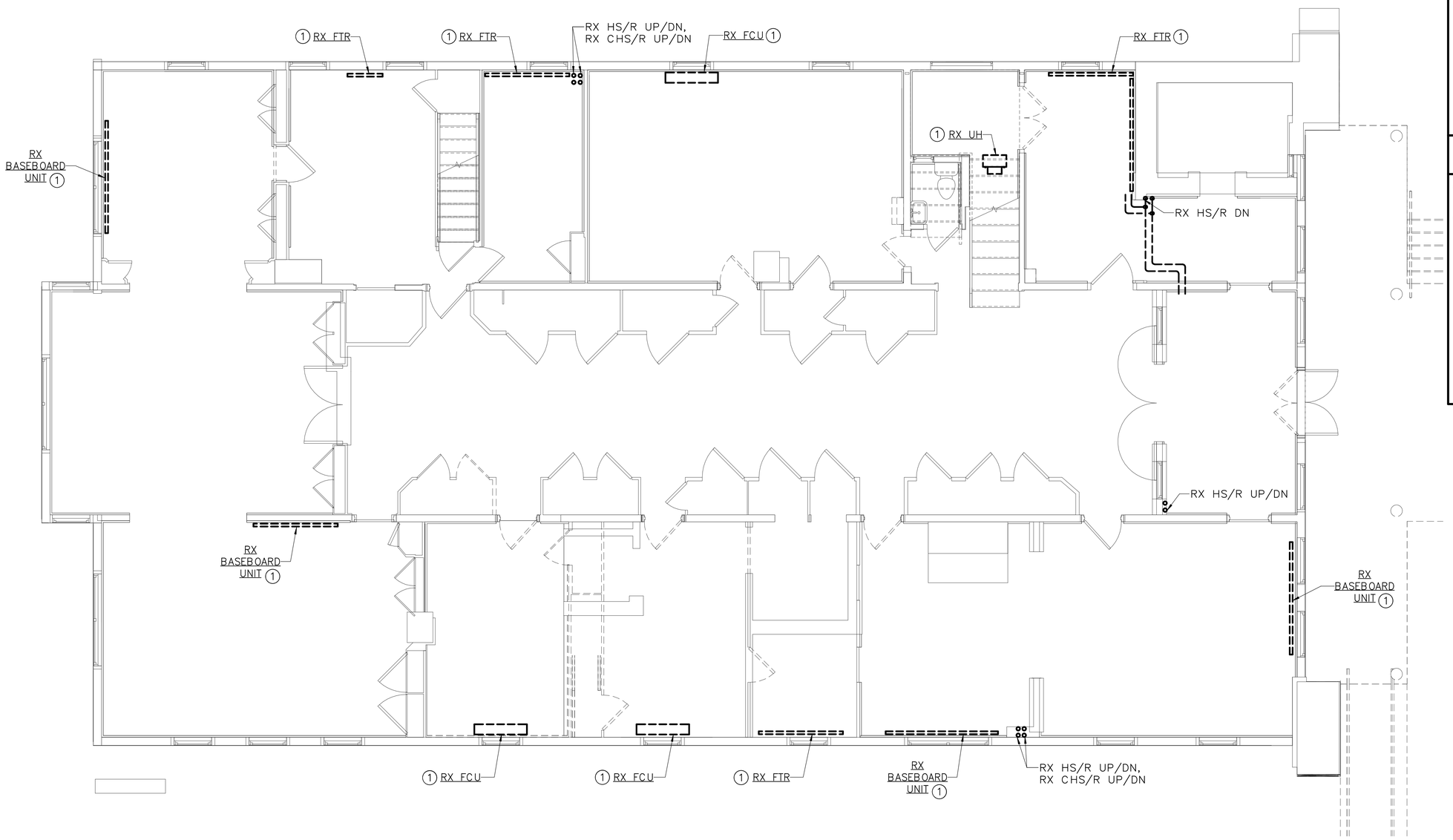
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

① RX UNIT AND ALL ASSOCIATED MECHANICAL PIPING, WIRING, CONTROLS, ETC
② RX HS/R PIPING TO BOILER SHED. SEE DRAWING MD0.2 FOR CONTINUATION.

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO | TITLE OF SHEET: BASEMENT - MECHANICAL PIPING - DEMOLITION | DRAWING NO. 895 179603 |
| CADD: MAV | MD2.0 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:40:37 AM




1 / MD2.1 FIRST FLOOR – MECHANICAL PIPING – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

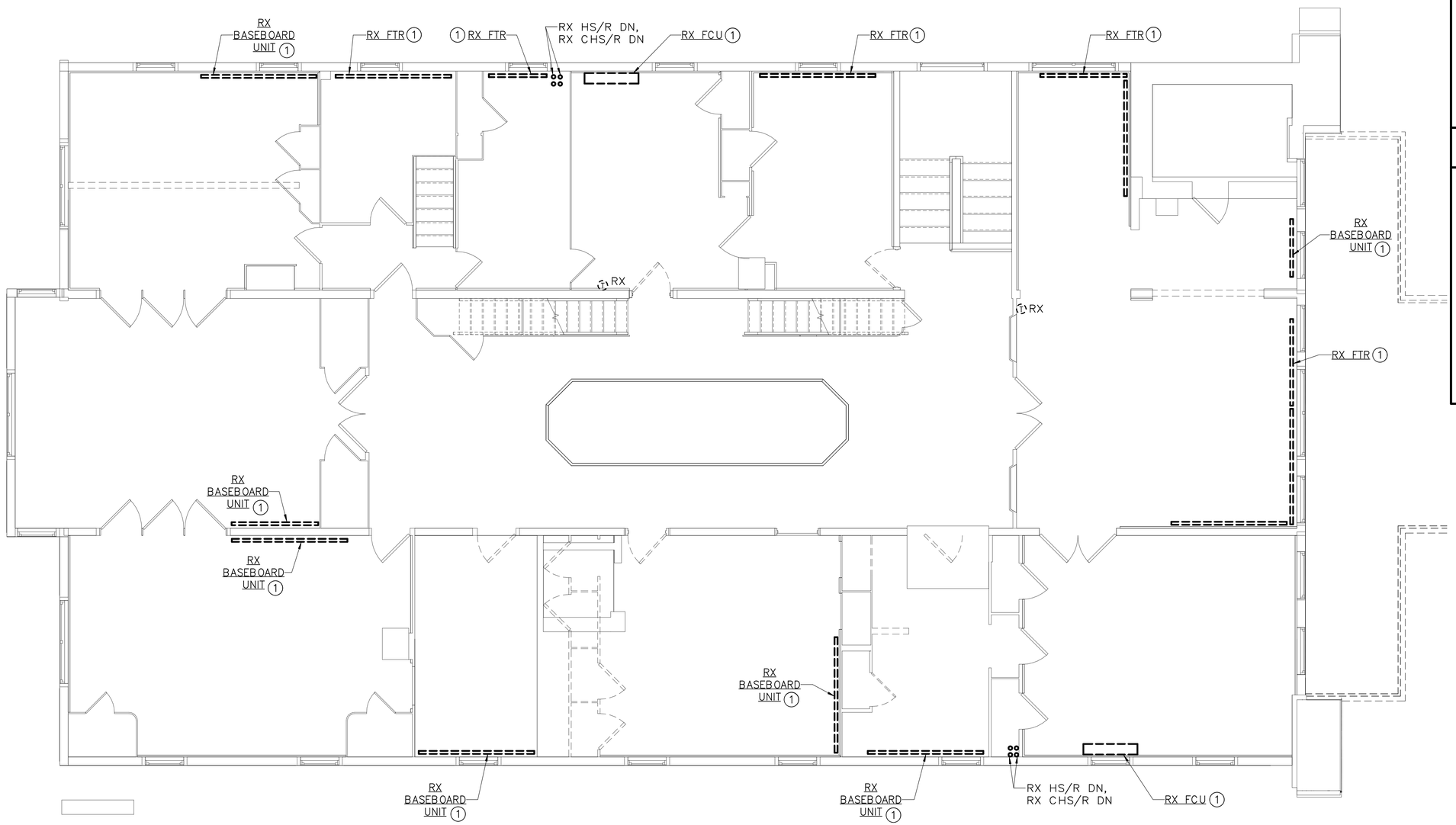
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. RX UNIT AND ALL ASSOCIATED MECHANICAL PIPING, WIRING, CONTROLS, ETC
2. NOT USED

4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. MD2.1 | TITLE OF SHEET: FIRST FLOOR - MECHANICAL PIPING - DEMOLITION PLAN | DRAWING NO. 895 179603 |
| DRAWN: MAV | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:40:41 AM




1 / MD2.2 SECOND FLOOR – MECHANICAL PIPING – DEMOLITION PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

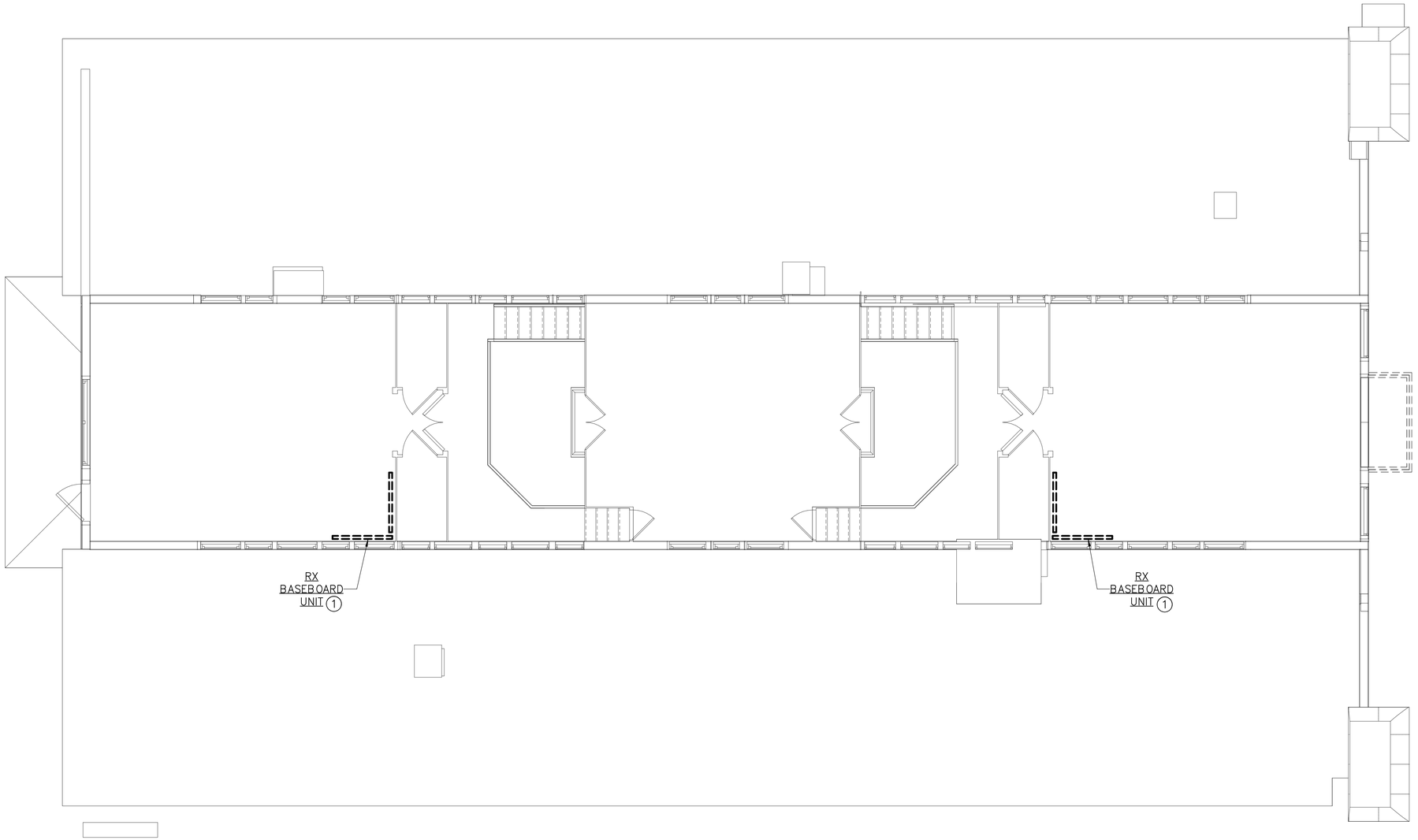
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RX UNIT AND ALL ASSOCIATED MECHANICAL PIPING, WIRING, CONTROLS, ETC
(2) NOT USED

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO | TITLE OF SHEET: SECOND FLOOR - MECHANICAL PIPING - DEMOLITION | DRAWING NO. 895 179603 |
| DRAWN: MAV | MD2.2 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:40:45 AM




1 MD2.3 THIRD FLOOR – MECHANICAL PIPING – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

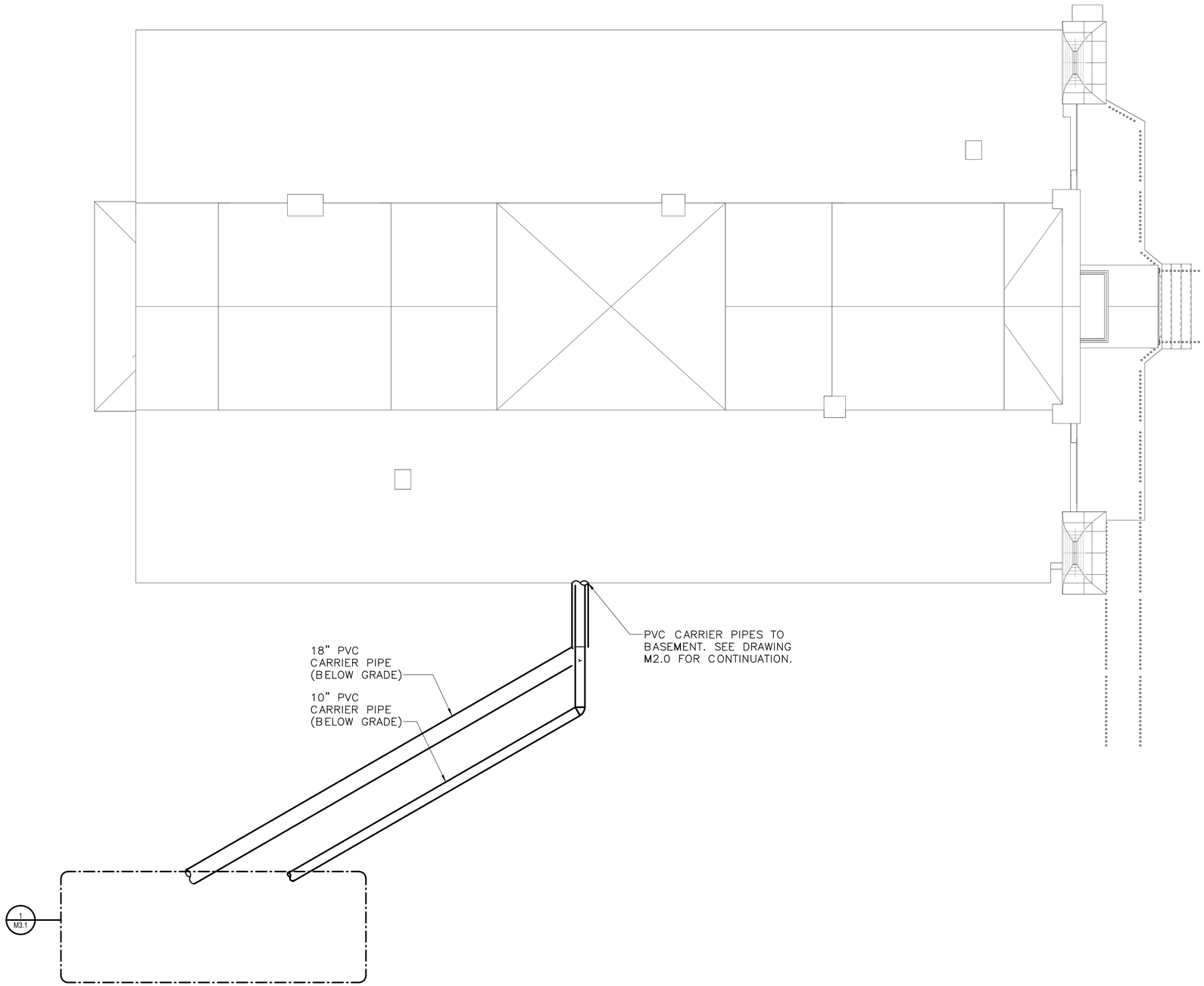
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RX UNIT AND ALL ASSOCIATED MECHANICAL PIPING, WIRING, CONTROLS, ETC
(2) NOT USED

4 0 4 8
SCALE OF FEET

| DESIGNED: | SUB SHEET NO. | TITLE OF SHEET | DRAWING NO. |
|---|---|---|---|
| CEL | MD2.3 | THIRD FLOOR - MECHANICAL PIPING - DEMOLITION | 895 179603 |
| DRAWN: MAV | | REHABILITATION OF CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

Autodesk Docs://Clara Barton National Historic Site/Clara Barton Mech.rvt
1/9/2025 9:40:49 AM




1 MO.2 MECHANICAL SITE PLAN – NEW WORK
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

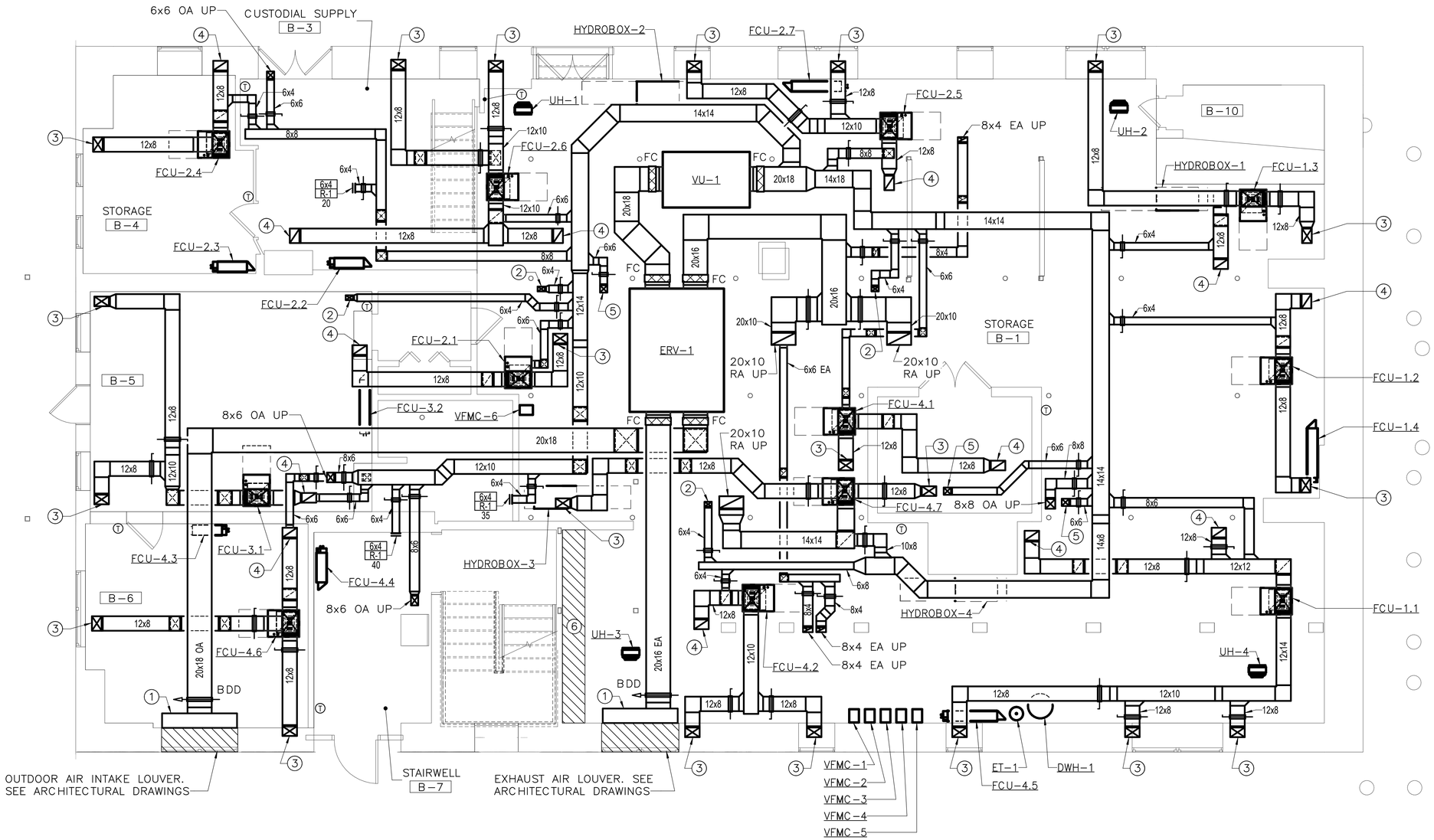
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT MANUFACTURER.
5. CONTRACTOR SHALL CONFIRM FINAL SIZE OF PVC CARRIER PIPES BASED ON FINAL REFRIGRANT PIPE SIZE.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. MO.2 | TITLE OF SHEET: MECHANICAL SITE PLAN - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

Autodesk Docs://Clara Barton National Historic Site/Clara Barton Mech.rvt
1/9/2025 9:39:24 AM




1 / M1.0 BASEMENT – DUCTWORK – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

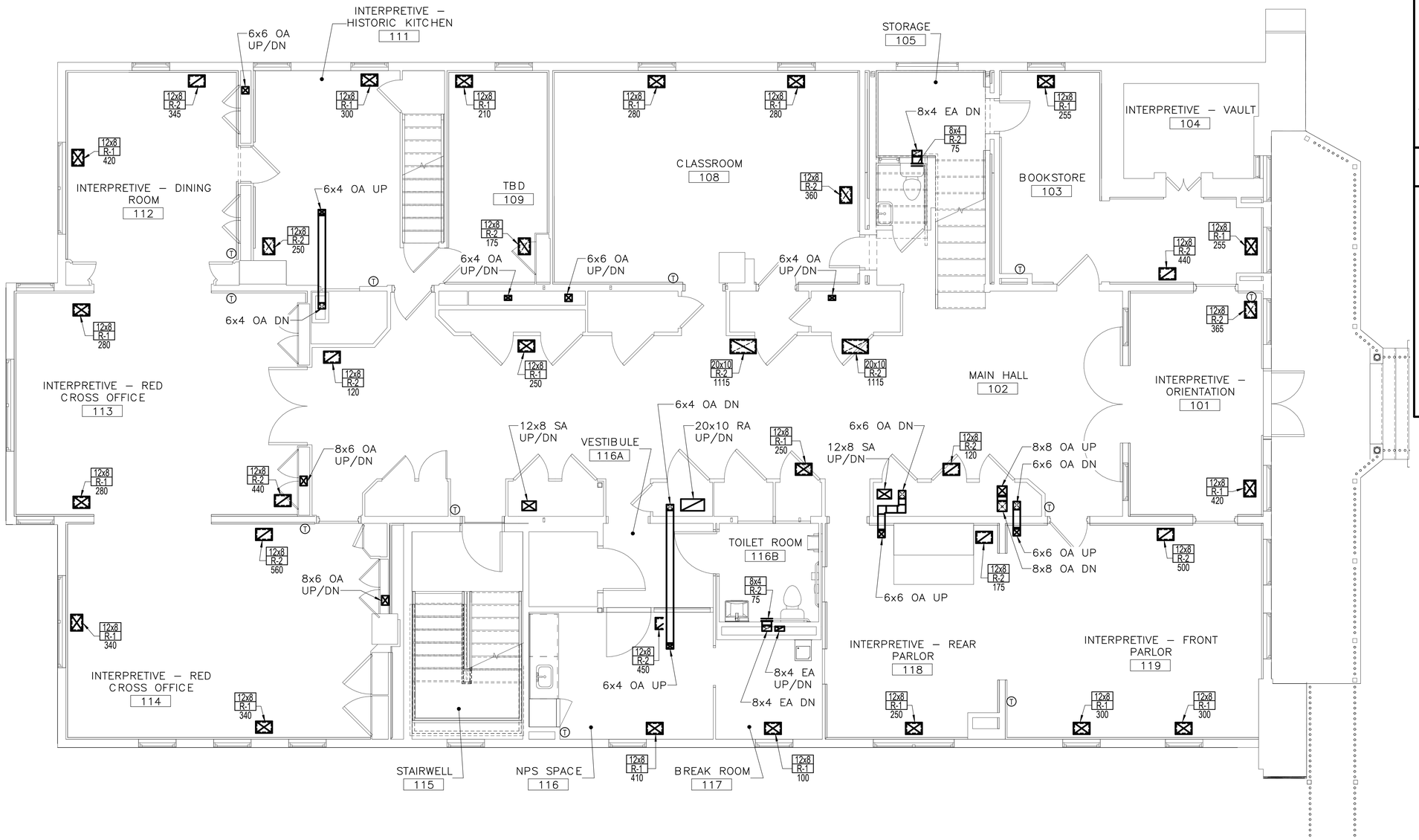
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4. IF DIFFUSER RUNOUT IS NOT INDICATED THEN RUNOUT SIZE IS SAME AS THE AIR DEVICE NECK SIZE.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) 12" DEEP INSULATED PLENUM. WIDTH AND HEIGHT SHALL MATCH LOUVER SIZE.
(2) 6x4 OA UP
(3) 12x8 SA UP
(4) 12x8 RA UP
(5) 6x6 OA UP
(6) ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M1.0 | TITLE OF SHEET: BASEMENT - DUCTWORK - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:39:27 AM




1 M1.1 FIRST FLOOR – DUCTWORK – NEW WORK PLAN
SCALE A

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

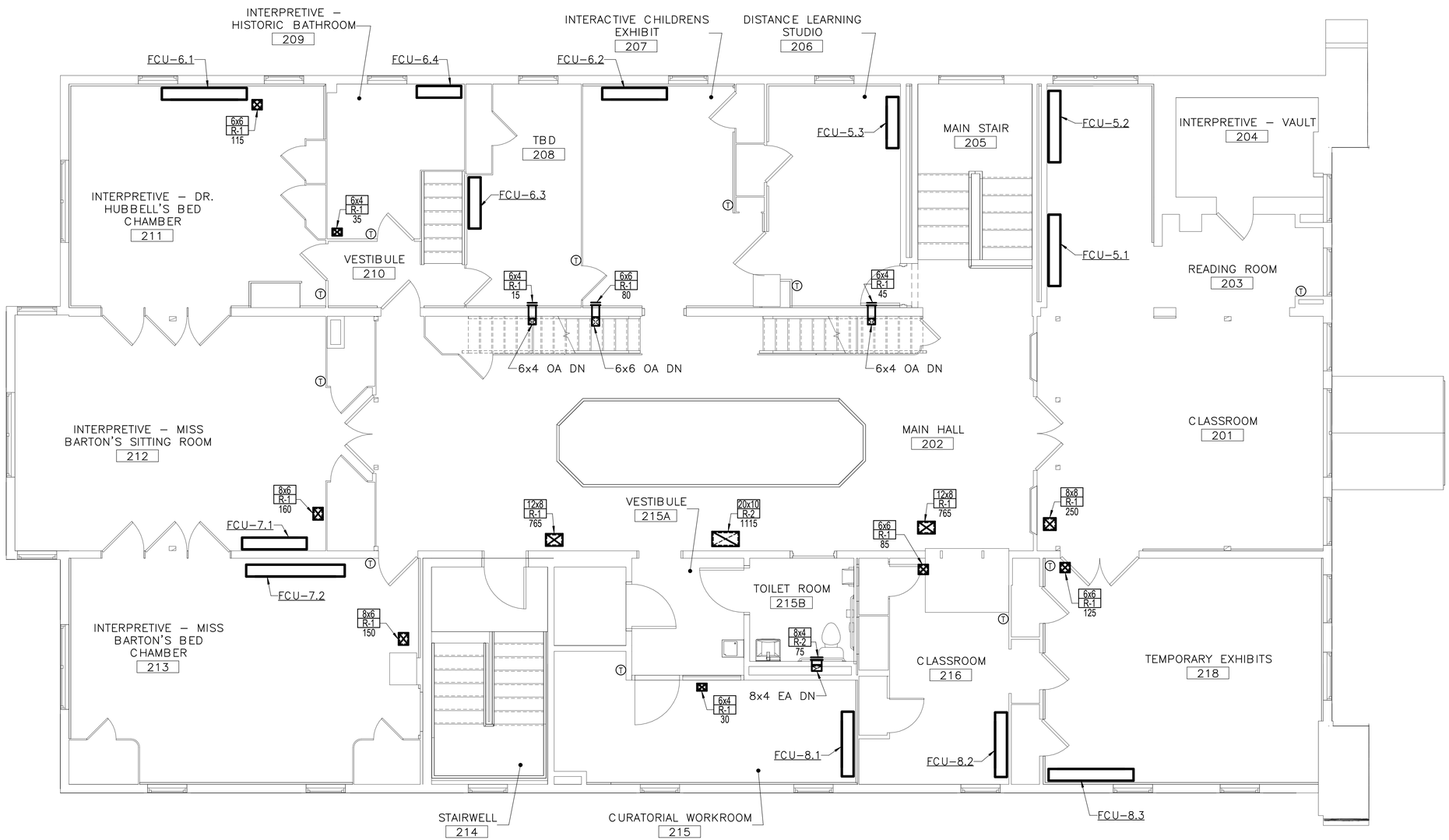
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
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4. IF DIFFUSER RUNOUT IS NOT INDICATED THEN RUNOUT SIZE IS SAME AS THE AIR DEVICE NECK SIZE.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M1.1 | TITLE OF SHEET: FIRST FLOOR - DUCTWORK - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 - 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:39:31 AM




1 / M1.2 SECOND FLOOR – DUCTWORK – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

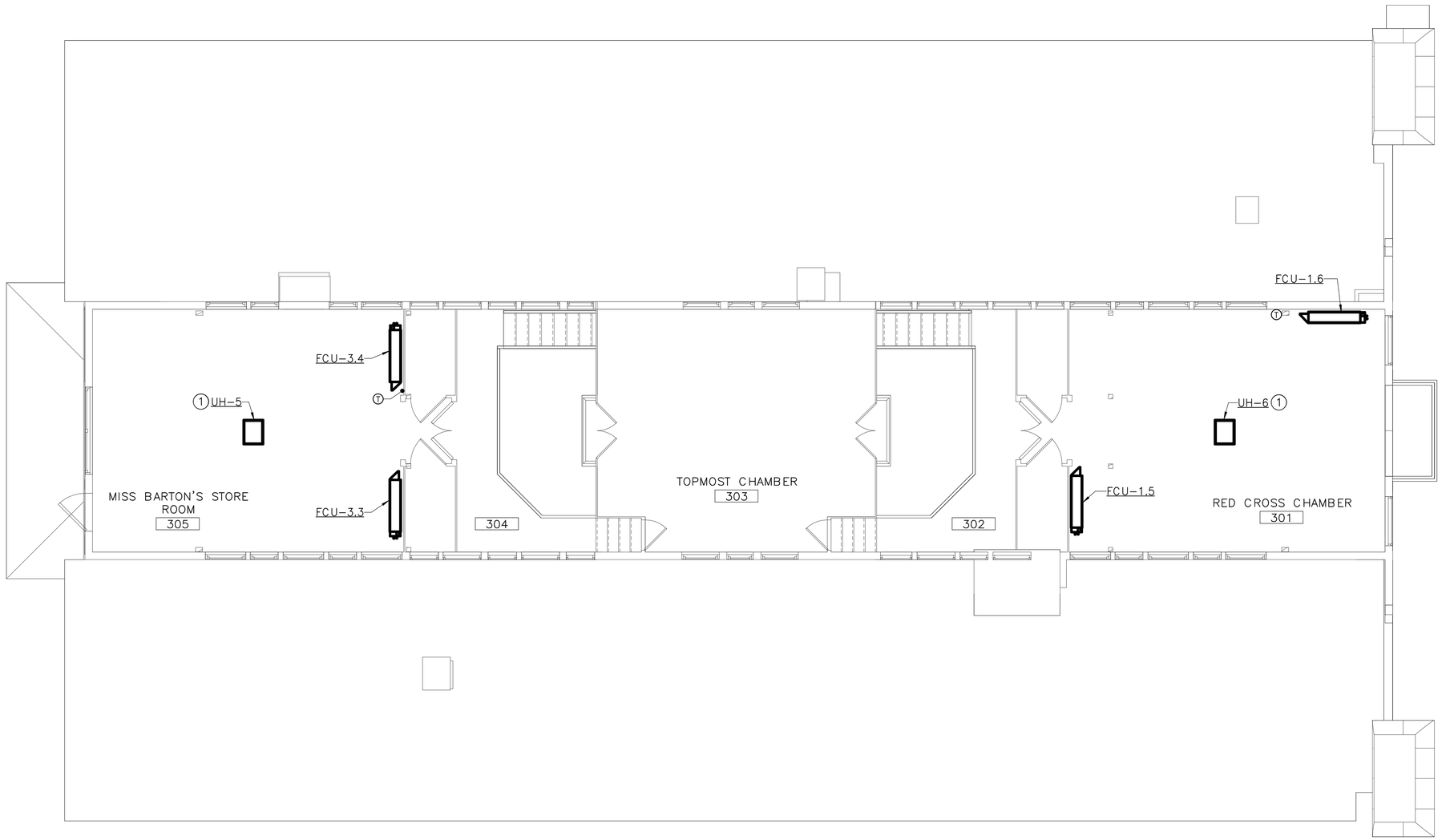
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4. IF DIFFUSER RUNOUT IS NOT INDICATED THEN RUNOUT SIZE IS SAME AS THE AIR DEVICE NECK SIZE.
5. ALL CONSOLE FCU'S SHALL BE LOCATED WITHIN CUSTOM ENCLOSURE. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M1.2 | TITLE OF SHEET: SECOND FLOOR - DUCTWORK - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:39:35 AM




1 / M1.3 THIRD FLOOR – DUCTWORK – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

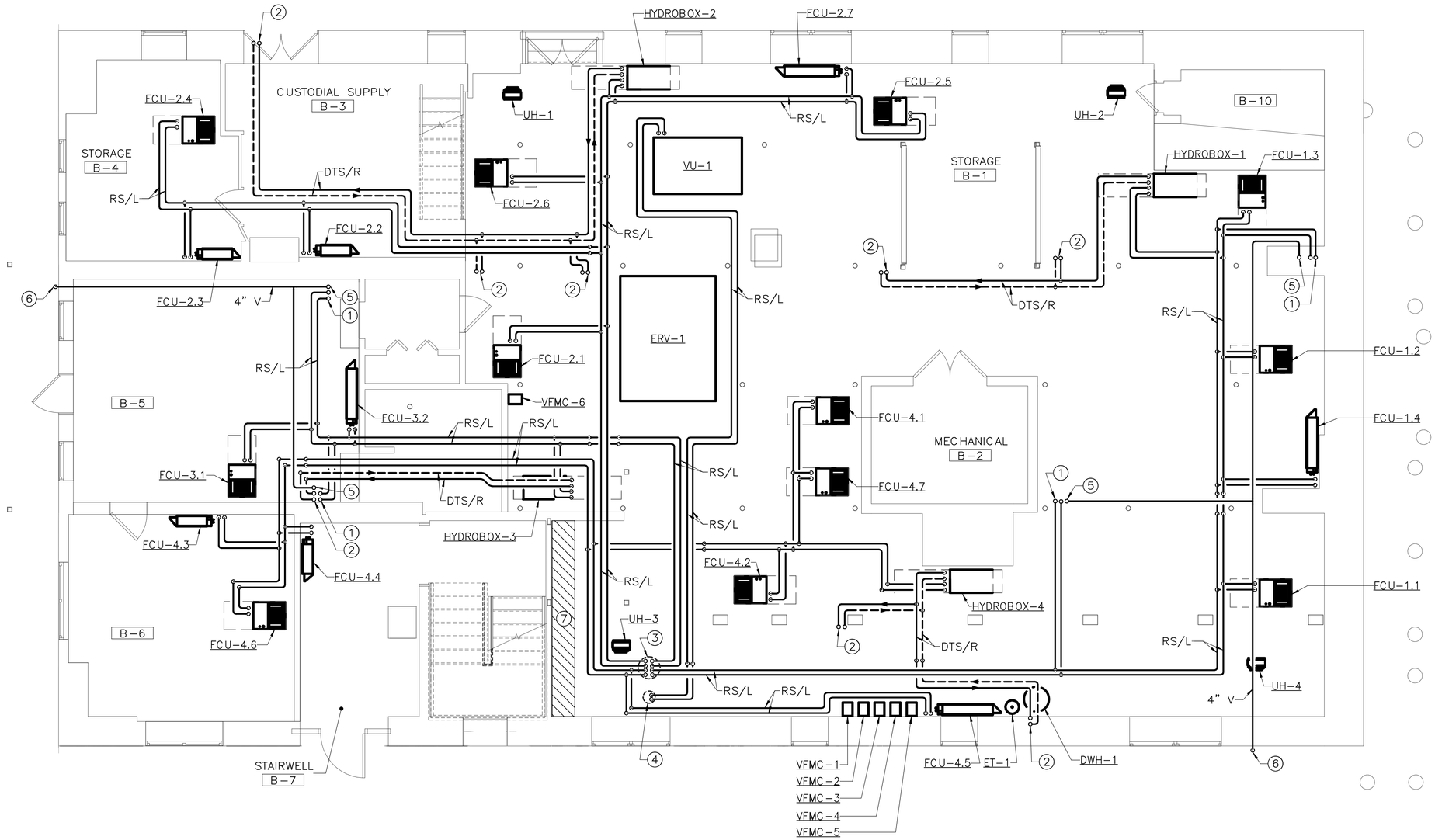
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2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
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4. IF DIFFUSER RUNOUT IS NOT INDICATED THEN RUNOUT SIZE IS SAME AS THE AIR DEVICE NECK SIZE.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RECESS IN CEILING
(2) NOT USED

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M1.3 | TITLE OF SHEET: THIRD FLOOR - DUCTWORK - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:39:38 AM




1 M2.0 BASEMENT – MECHANICAL PIPING – NEW WORK PLAN
SCALE A

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT MANUFACTURER
5. PROVIDE SHEET METAL DRAIN PAN BENEATH ALL REFRIGERANT PIPING WITHIN THE BASEMENT EXCEPT LAST 6 FT OF THE RUNOUTS TO THE FCU'S PER 2024 IMC SECTION 1109.2.2.

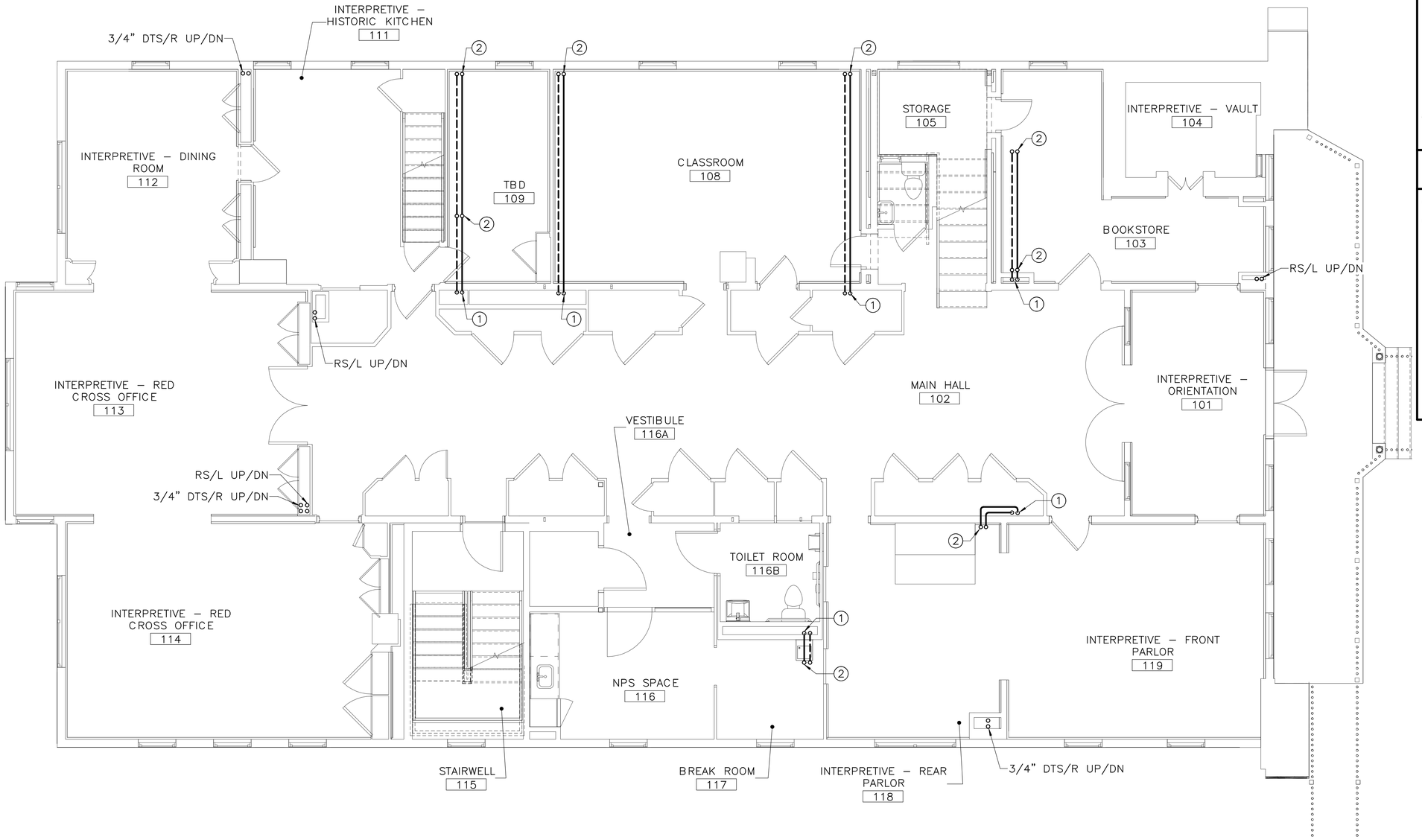
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. RS/L UP
2. 3/4" DTS/R UP
3. 18" PVC CARRIER PIPE. RS/L DN TO PVC CARRIER PIPE, TYP OF 4 SETS TO HPU-1, 2, 3, 4. SEE DRAWING M0.2
4. 10" PVC CARRIER PIPE. RS/L DN TO PVC CARRIER PIPE, TYP OF 1 SET TO HPU-5. SEE DRAWING M0.2
5. TERMINATE 4" STEEL PIPE IN BOTTOM OF SHAFT FOR SHAFT VENTILATION PER 2024 IMC 1109.3.2
6. TERMINATE 4" STEEL PIPE THROUGH WALL WITH 90 DEGREE ELBOW DOWN.
7. ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M2.0 | TITLE OF SHEET: BASEMENT - MECHANICAL PIPING - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:39:44 AM




1 / M2.1 FIRST FLOOR – MECHANICAL PIPING – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

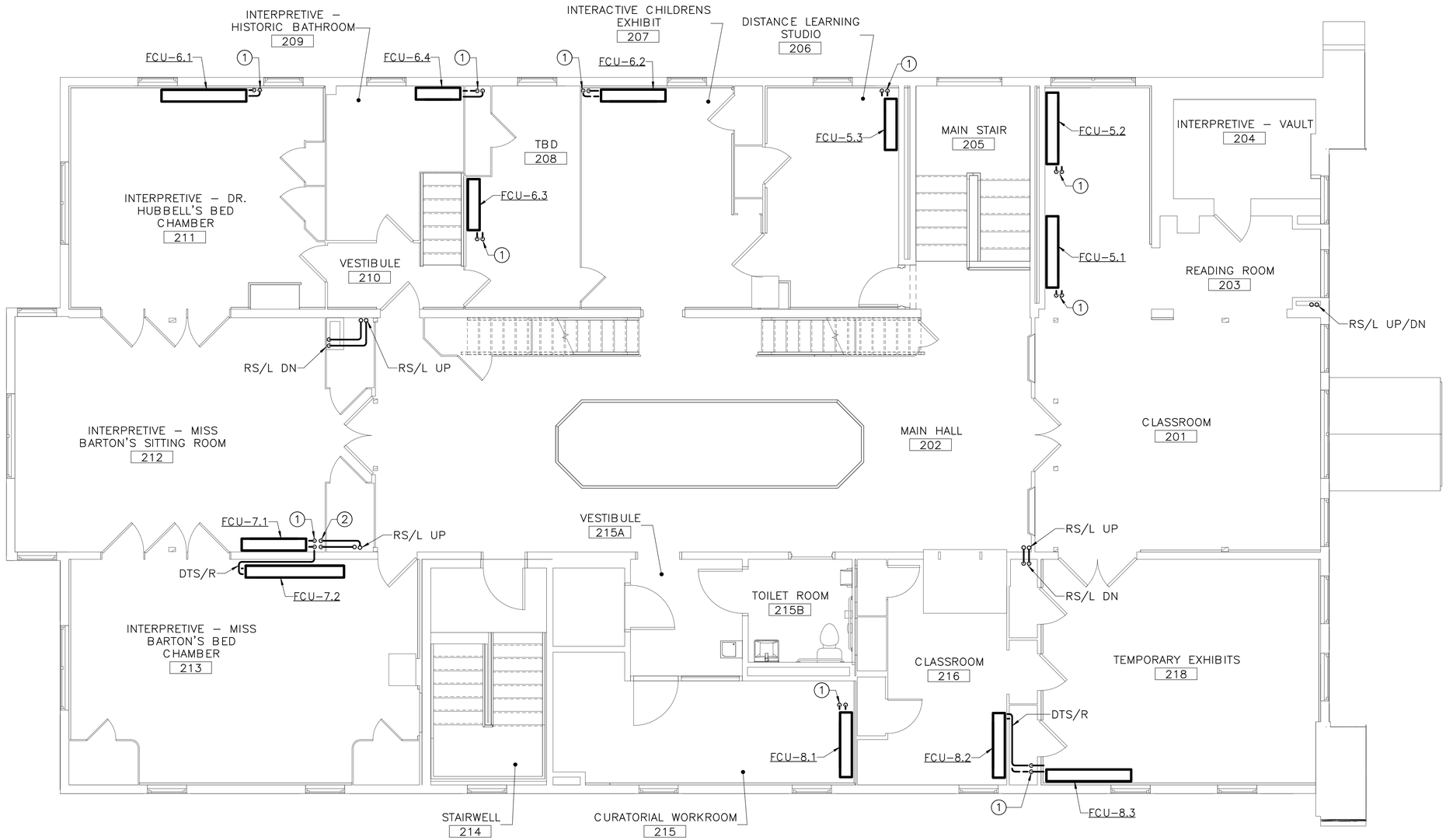
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT MANUFACTURER

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) 3/4" DTS/R DN
(2) 3/4" DTS/R UP

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|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M2.1 | TITLE OF SHEET: FIRST FLOOR - MECHANICAL PIPING - NEW WORK | DRAWING NO. 895 179603 |
| CADD: MAV | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 / M2.2 SECOND FLOOR – MECHANICAL PIPING – NEW WORK PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT MANUFACTURER
5. ALL CONSOLE FCU'S SHALL BE LOCATED WITHIN CUSTOM ENCLOSURE. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

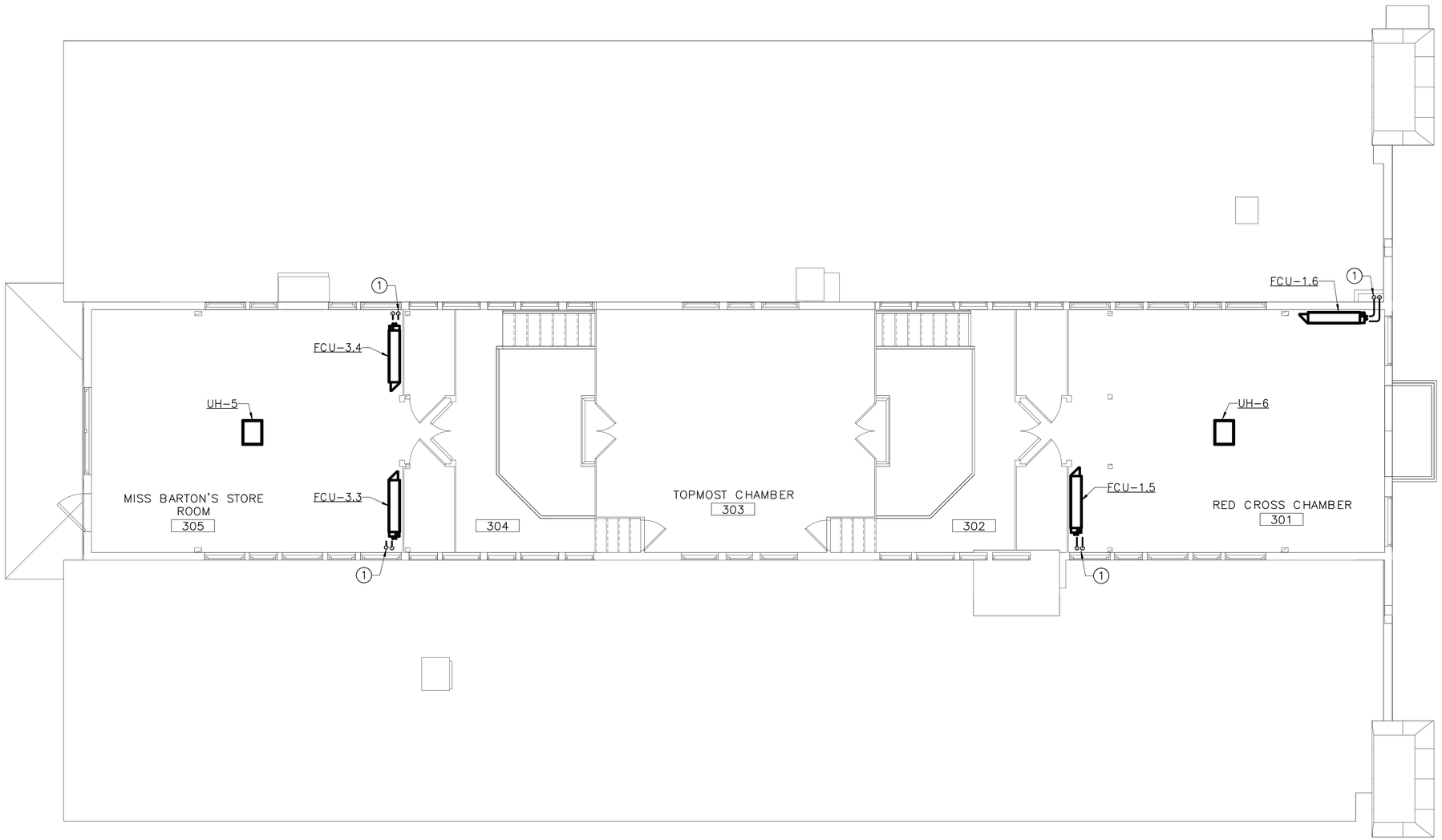
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) 3/4" DTS/R DN
(2) RS/L DN

4 0 4 8
SCALE OF FEET

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| DESIGNED: CEL | SUB SHEET NO. M2.2 | TITLE OF SHEET: SECOND FLOOR - MECHANICAL PIPING - NEW WORK | DRAWING NO. 895 179603 |
| DRAWN: MAV | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 M2.3 THIRD FLOOR – MECHANICAL PIPING – NEW WORK PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT MANUFACTURER

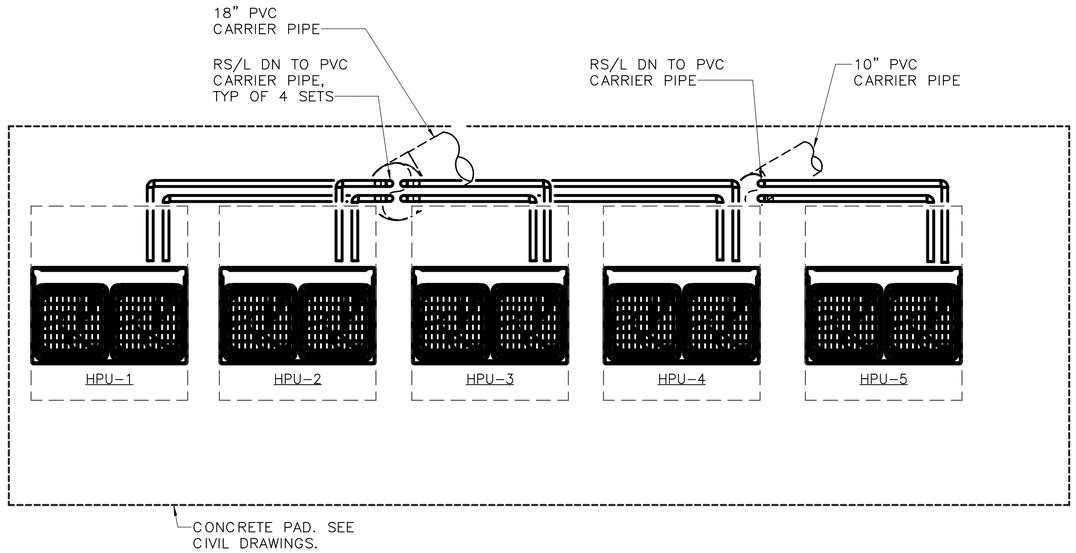
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RS/L DN
(2) NOT USED

4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL<br>DRAWN: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO. M2.3 | TITLE OF SHEET<br>THIRD FLOOR - MECHANICAL PIPING - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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1 / M3.1 MECHANICAL SITE PART PLAN – NEW WORK
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

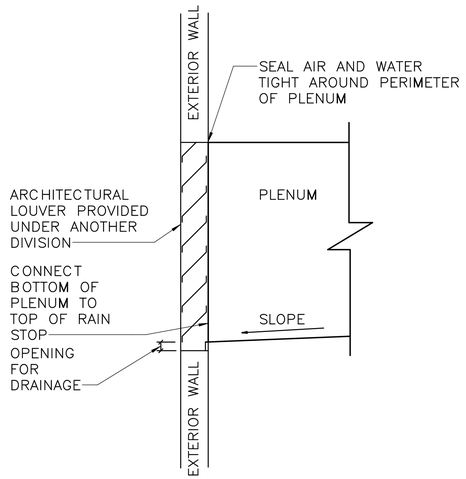
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY EQUIPMENT MANUFACTURER
5. CONTRACTOR SHALL CONFIRM FINAL SIZE OF PVC CARRIER PIPES BASED ON FINAL REFRIGRANT PIPE SIZE.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

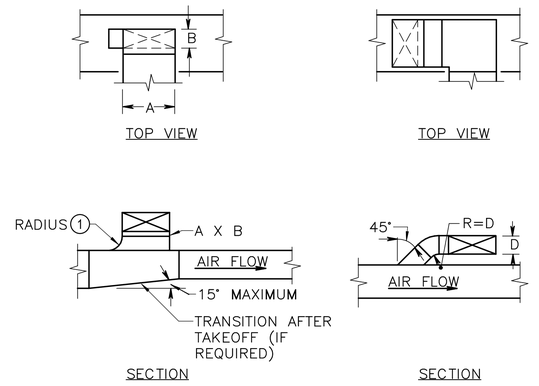
(1) NOT USED
(2) NOT USED

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PLENUM CONNECTION TO LOUVER

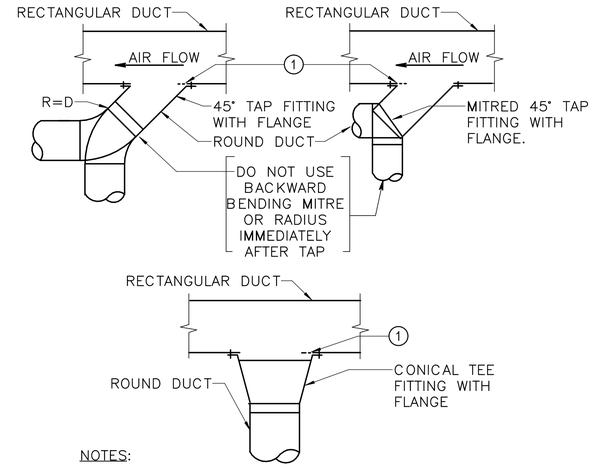



NOTES:

1. BOTTOM TAKEOFFS SIMILAR.
2. SAME FOR RETURN AND EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED.

SPECIAL NOTES:
(1) 45° TAP PERMITTED FOR DUCTWORK RATED 2" W.G. OR LESS.

TAKEOFFS FROM TOP OF RECTANGULAR DUCTS

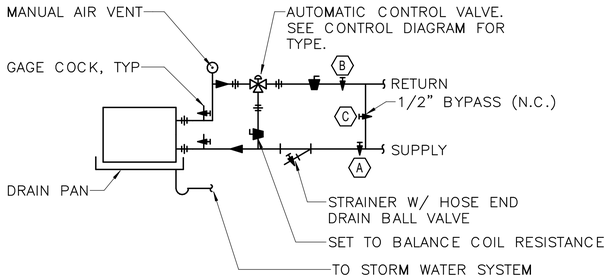



NOTES:

1. DO NOT USE 45° TAP FITTINGS EXCEPT WHERE TIGHT CONDITION PREVENTS USE OF OTHER FITTINGS INDICATED.

SPECIAL NOTES:
(1) CUT HOLE IN RECTANGULAR DUCT LARGE ENOUGH SO THAT ROUGH METAL EDGE DOES NOT PROJECT INTO AIR STREAM.

TAPOFF FROM RECTANGULAR DUCT TO ROUND DUCT




NOTES:
1. MAINTAIN VALVES (A) AND (B) TO UNIT CLOSED AND BYPASS VALVE (C) OPEN UNTIL PIPING SYSTEM HAS BEEN CLEANED AND FLUSHED AS SPECIFIED. AFTER FINAL FLUSHING, CLOSE BYPASS VALVE (C) AND OPEN VALVES (A) AND (B) TO UNIT.

FAN COIL UNIT COIL PIPING

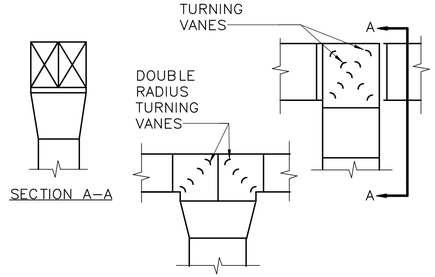



NOTES:

1. SEE SMACNA MANUAL FOR METHODS OF SECURING TAP-OFF CONNECTION TO MAIN.
2. SAME FOR RETURN AND EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED.

SPECIAL NOTES:
(1) 45° TAP PERMITTED FOR DUCTWORK RATED 2" W.G. OR LESS.

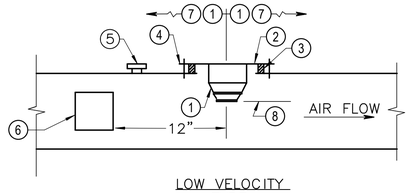
TAPOFF AND TRANSITION FROM SIDE OF DUCT



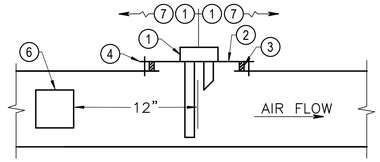

DUCT SPLITS

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| DESIGNED: CEL<br>DRAWN: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO. M5.1 | TITLE OF SHEET<br>MECHANICAL DETAILS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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LOW VELOCITY TYPE

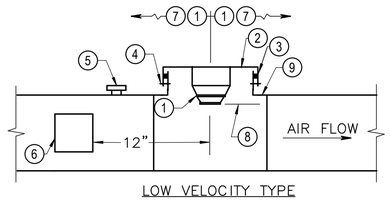



MEDIUM AND HIGH VELOCITY TYPE

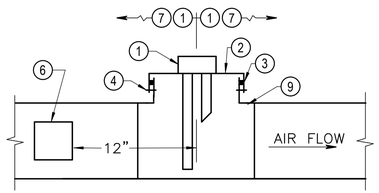
SPECIAL NOTES:

1. SMOKE DETECTOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
2. 10 GAUGE PLATE
3. CONTINUOUS GASKET
4. SHEET METAL SCREWS. TWO PER SIDE.
5. AIR FLOW MEASUREMENT PORT. (INSTRUMENT TEST HOLE)
6. ACCESS DOOR. 6" X 6" IN 14" AND SMALLER DUCTS. 12" X 12" IN LARGER DUCTS.
7. MINIMUM 1 DUCT PERIMETER TO OFFSET OR FITTING.
8. MINIMUM 1-1/4" PROJECTION INTO AIRSTREAM. MAXIMUM 1/3 DUCT DEPTH.

## SMOKE DETECTOR INSTALLATION RECTANGULAR OR SQUARE DUCT




LOW VELOCITY TYPE

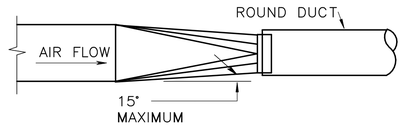



MEDIUM AND HIGH VELOCITY TYPE

SPECIAL NOTES:

1. SMOKE DETECTOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS
2. 10 GAUGE CAP
3. CONTINUOUS GASKET
4. SHEET METAL SCREWS 3" ON CENTER. MINIMUM 4 SCREWS.
5. AIR FLOW MEASUREMENT PORT. (INSTRUMENT TEST HOLE)
6. ACCESS DOOR. 6" X 6" IN 14" DIAMETER AND SMALLER DUCTS. 12" X 12" IN LARGER DUCTS.
7. MINIMUM 3 DUCT DIAMETERS TO OFFSET OR FITTING.
8. MINIMUM 1-1/4" PROJECTION INTO AIRSTREAM. MAXIMUM 1/3 DUCT DIAMETER.
9. STRAIGHT "T" FITTING. TRIM AS REQUIRED TO ACCOMMODATE INSTALLATION.

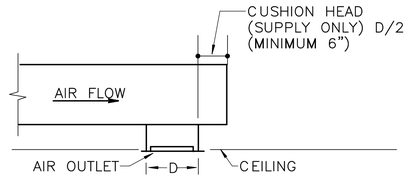
## SMOKE DETECTOR INSTALLATION ROUND OR OVAL DUCT




NOTES:

1. FOR AIR FLOW IN OPPOSITE DIRECTION, TRANSITION COLLAR SHALL OVERLAP EXTERIOR OR ROUND DUCT.

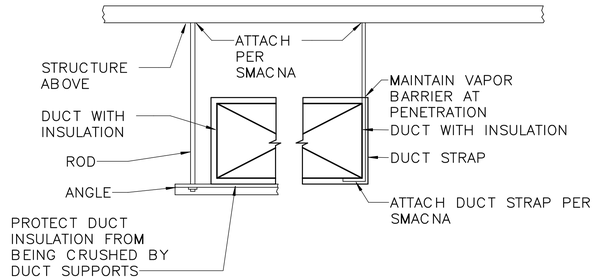
## RECTANGULAR TO ROUND DUCT TRANSITION




NOTES:

1. AIR FLOW IS REVERSE FOR RETURN AND EXHAUST.

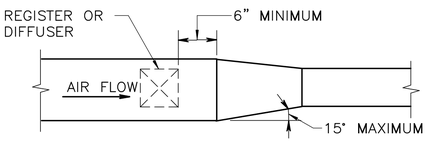
## OUTLET LOCATED AT END OF RUN




NOTES:

1. REFER TO SMACNA FOR ADDITIONAL HANGERS AND SUPPORTS

## DUCT INSULATION SUPPORT DETAIL



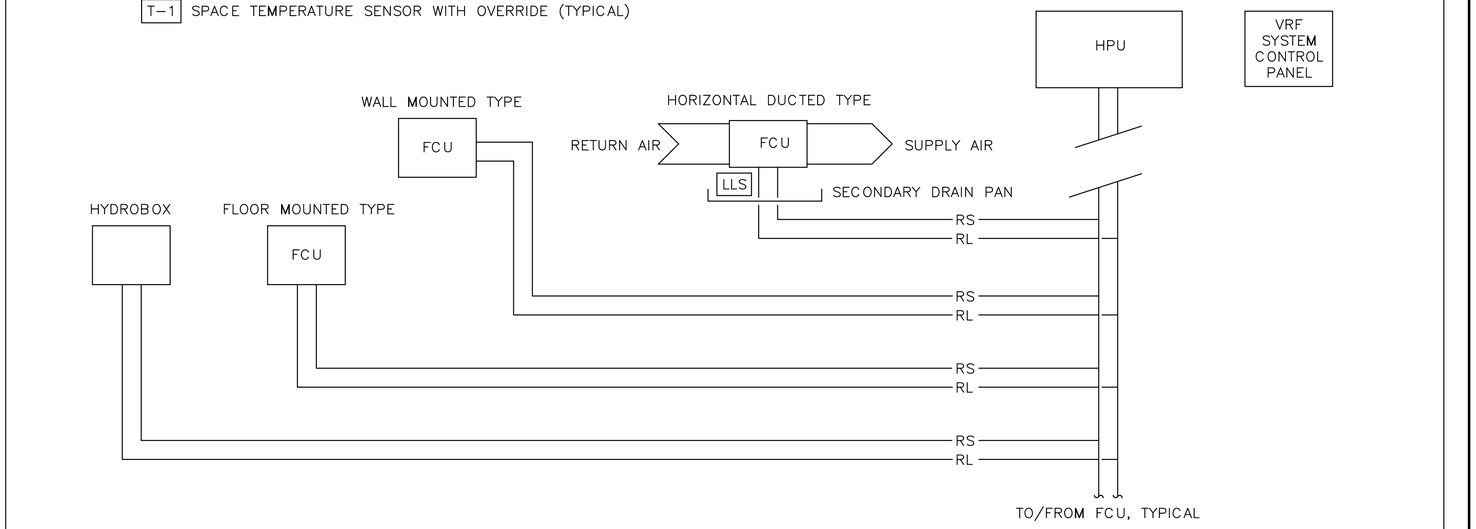

NOTES:

1. SAME FOR RETURN AND EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED.

## DIFFUSER OR REGISTER TAPOFF AND TRANSITION

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| CADD: MAV | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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## VARIABLE FLOW REFRIGERANT HEAT PUMP SYSTEM – CONTROL DIAGRAM

GENERAL:

1. THE VARIABLE REFRIGERANT SYSTEM SHALL BE STARTED AND STOPPED THROUGH A SYSTEM CONTROL PANEL PROVIDED BY THE SYSTEM MANUFACTURER.

2. IF A HIGH WATER LEVEL IS SENSED BY THE LIQUID LEVEL SENSOR (LLS) INSTALLED IN THE FCU, THE FCU SHALL SHUTDOWN.

3. IF A CONDENSATE PUMP CP-1 SENSES FAILURE THROUGH ITS SECURITY SWITCH, FCU SHALL SHUTDOWN.

STARTING AND STOPPING:

1. WHEN THE SYSTEM IS ENERGIZED TO OPERATE, FAN COIL UNITS START AND ASSOCIATED HEAT PUMP UNITS (HPU) ARE ENERGIZED. SYSTEM OPERATES THROUGH MANUFACTURER'S SUPPLIED SYSTEM CONTROL PANEL.

2. WHEN SYSTEM IS DE-ENERGIZED, FAN COIL UNITS STOP AND ASSOCIATED HEAT PUMP UNIT STOPS.

OCCUPIED MODE:

1. FAN COIL UNITS ARE ON AND ASSOCIATED HPU'S ARE ENERGIZED.

2. SPACE TEMPERATURE SENSOR, T-1 CONTROLS IT'S RESPECTIVE FAN COIL UNIT THROUGH MANUFACTURER'S SUPPLIED CONTROLS TO MAINTAIN SPACE TEMPERATURE OF 75 DEGREES F IN COOLING SEASON AND 72 DEGREES F IN HEATING SEASON.

3. HEAT PUMP UNITS, HPU, REJECT/ABSORB EXCESS HEAT BASED ON THE FAN COIL UNIT REQUIREMENTS THROUGH THE MANUFACTURER'S SYSTEM CONTROL PANEL.

UNOCCUPIED MODE:

1. FAN COIL UNITS ARE OFF AND HPU'S ARE DE-ENERGIZED.

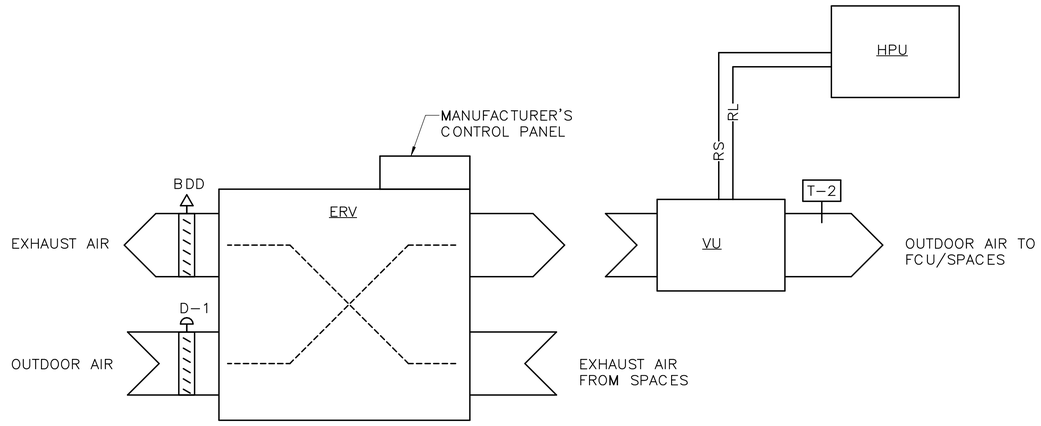
2. WINTER NIGHT SETBACK TEMPERATURE OF 65 DEGREES F (ADJUSTABLE) SHALL BE MAINTAINED BY CYCLING THE FAN COIL UNITS AND ASSOCIATED HPU INITIATED BY THE SPACE TEMPERATURE SENSOR WITH THE GREATEST NEED, UNTIL ALL SPACE TEMPERATURE SENSORS ASSOCIATED WITH A PARTICULAR HPU ARE SATISFIED.

3. SUMMER NIGHT SETBACK TEMPERATURE OF 85 DEGREES F (ADJUSTABLE) SHALL BE MAINTAINED BY CYCLING THE FAN COIL UNITS AND ASSOCIATED HPU INITIATED BY THE SPACE TEMPERATURE SENSOR WITH THE GREATEST NEED, UNTIL ALL SPACE TEMPERATURE SENSORS ASSOCIATED WITH A PARTICULAR HEAT PUMP UNIT ARE SATISFIED.

## VARIABLE REFRIGERANT HEAT PUMP SYSTEM – SEQUENCE OF OPERATION

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| CADD MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |




GENERAL:

1. ERV SHALL BE STARTED AND STOPPED THROUGH ITS ASSOCIATED MANUFACTURER'S PACKAGED CONTROLS.

2. ERV FROST CONTROL IS BY MANUFACTURER'S SUPPLIED CONTROLS.

STARTING AND STOPPING:

1. THE ERV AND VU SHALL BE STARTED BY MANUFACTURER'S PACKAGED CONTROLS. ERV AND VU SHALL OPERATE BETWEEN 7AM AND 6PM (ADJUSTABLE).

2. WHEN THE SYSTEM IS ENERGIZED TO OPERATE, DAMPER D-1 OPENS. ERV, VU, HPU START. SYSTEM OPERATES THROUGH MANUFACTURER'S SUPPLIED SYSTEM CONTROL PANEL.

3. WHEN SYSTEM IS DE-ENERGIZED, ERV, VU, HPU STOP, D-1 CLOSES AFTER 2 MINUTES DELAY (ADJUSTABLE 0-5 MINUTES).

OCCUPIED MODE:

1. ERV, VU, AND HPU ARE ON AND OPERATE CONTINOUSLY TO MAINTAIN LEAVING AIR TEMPERATURE AT T-1 OF 75 DEG F DB / 63 DEG F WB.

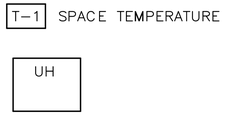
UNOCCUPIED MODE:

1. ERV, VU, AND HPU ARE OFF, D-1 IS CLOSED.

ENERGY RECOVERY VENTILATOR UNIT-CONTROL DIAGRAM

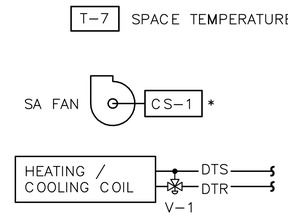
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## UNIT HEATER CONTROL DIAGRAM

1. WHEN SPACE TEMPERATURE AS SENSED BY THERMOSTAT T-1 IS AT OR BELOW 45 DEGREES F, UNIT HEATER'S FAN SHALL OPERATE AND ELECTRIC COIL SHALL BE ENERGIZED.
2. WHEN THE SPACE TEMPERATURE RISES ABOVE 45 DEGREES F, UNIT HEATER'S ELECTRIC COIL IS DE-ENERGIZED AND FAN SHALL STOP AFTER 2 MINUTES (ADJUSTABLE).




## TWO PIPE FAN COIL UNIT CONTROL DIAGRAM

1. FAN COIL UNIT SHALL BE STARTED AND STOPPED BY THE SPACE TEMPERATURE SENSOR.
2. SPACE TEMPERATURE SENSOR T-7 SHALL MODULATE VALVE V-1 IN SEQUENCE TO MAINTAIN 75 DEGREES F SPACE TEMPERATURE (ADJUSTABLE).
3. DURING UNOCCUPIED PERIOD/(1800 TO 700)/(ADJUSTABLE) SPACE TEMPERATURE SENSOR T-7 SHALL MODULATE VALVE V-1 IN SEQUENCE TO MAINTAIN 55 DEGREES F WINTER NIGHT SETBACK SPACE TEMPERATURE (ADJUSTABLE) AND 85 DEGREES F SUMMER NIGHT SETBACK (ADJUSTABLE).

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| DESIGNED: CEL<br>ADD: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO. M7.3 | TITLE OF SHEET<br>**AUTOMATIC TEMPERATURE CONTROLS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

## VARIABLE REFRIGERANT HEAT PUMP UNITS

| UNIT NO | TYPE | LOCATION | SERVICE | CAPACITY | | | | MAX R-410A REFRIGERANT CHARGE (LBS) | MAX R-32 REFRIGERANT CHARGE (LBS) | ELECTRICAL | | | MIN EER | MIN COP | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | COOLING | | HEATING | | | | | | | | | |
| | | | | TOTAL MBH | CONDENSER EAT | TOTAL MBH | CONDENSER EAT | | | COOLING INPUT KW | HEATING INPUT KW | V/PH | | | |
| HPU-1 | HEAT PUMP | OUTDOORS | VRF SYSTEM | 124 | 95 | 66 | 0 | 31.5 | 5.9 | 11.8 | 11.1 | 230/3 | 11.5 | 3.3 | |
| HPU-2 | HEAT PUMP | OUTDOORS | VRF SYSTEM | 98 | 95 | 61 | 0 | 30.5 | 5.6 | 9.0 | 9.92 | 230/3 | 11.6 | 3.3 | |
| HPU-3 | HEAT PUMP | OUTDOORS | VRF SYSTEM | 100 | 95 | 61 | 0 | 77.0 | 14.3 | 9.0 | 9.92 | 230/3 | 11.6 | 3.3 | |
| HPU-4 | HEAT PUMP | OUTDOORS | VRF SYSTEM | 135 | 95 | 80 | 0 | 44.0 | 8.1 | 11.8 | 11.1 | 230/3 | 10.6 | 3.2 | |
| HPU-5 | HEAT PUMP | OUTDOORS | VU-1 | 135 | 95 | 80 | 0 | – | – | 11.8 | 11.1 | 230/3 | 10.6 | 3.2 | |

GENERAL NOTES: (APPLICABLE TO ALL MECHANICAL SCHEDULES)

1. UNIT NUMBERS ARE INDICATED WHERE ALL UNITS ARE LISTED AND NUMBERED INDIVIDUALLY.
2. UNIT SYMBOLS ARE INDICATED WHERE ALL UNITS ARE NOT LISTED AND NUMBERED INDIVIDUALLY.
3. UNIT TYPES ARE DESCRIBED IN THE SPECIFICATIONS.
4. TEMPERATURE VALUES ARE LISTED IN DEGREES FAHRENHEIT.
5. AIR PRESSURE VALUES ARE LISTED IN INCHES OF WATER COLUMN.
6. AIR VELOCITY VALUES ARE LISTED IN FEET PER MINUTE.
7. DUCT AND PIPE SIZES ARE LISTED IN SINGLE-NUMBER INCHES OF NOMINAL DIAMETER OR MULTIPLE NUMBER INCHES OF INDICATED PARAMETER. CONNECTION SIZES ARE BRANCH SIZES FROM MAINS TO UNIT INLETS. SINGLE PIPE SIZE IS TYPICAL FOR SUPPLY AND RETURN.

## VARIABLE REFRIGERANT FAN COIL UNITS

| UNIT NO | TYPE | LOCATION | SERVICE | ASSOCIATED OUTDOOR UNIT | SUPPLY FAN | | OA CFM | COOLING COIL | | | | HEATING COIL | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFM | ESP | | TOTAL COOLING MBH | SENS COOLING MBH | EAT | | TOTAL HEATING MBH | EAT DB | MCA | MOCP | V/PH | |
| | | | | | | | | | | DB | WB | | | | | | |
| FCU-1.1 | MULTI-POSITIONAL AHU | B-1 STOR | 118 REAR PARLOR /FRONT PARLOR | HPU-1 | 850 | 0.5 | 175 | 18.1 | 16.0 | 75 | 63 | 9.8 | 70 | 4.9 | 15 | 208/1 | |
| FCU-1.2 | MULTI-POSITIONAL AHU | B-1 STOR | 101 ORIENTATION | HPU-1 | 420 | 0.5 | 55 | 9.6 | 5.7 | 75 | 63 | 11.9 | 70 | 4.9 | 15 | 208/1 | |
| FCU-1.3 | MULTI-POSITIONAL AHU | B-1 STOR | 103 BOOKSTORE / 104 VAULT / 105 STOR | HPU-1 | 510 | 0.5 | 70 | 11.2 | 9.9 | 75 | 63 | 7.7 | 70 | 4.9 | 15 | 208/1 | |
| FCU-1.4 | FLOOR MOUNTED CONSOLE | B-1 STOR | B-1 STOR (2) | HPU-1 | 390 | 0.5 | – | 8.3 | 8.3 | 75 | 63 | 2.0 | 70 | 0.6 | 15 | 208/1 | |
| FCU-1.5 | FLOOR MOUNTED CONSOLE | 301 RC CHAMBER | 301 RC CHAMBER / 302 LANDING | HPU-1 | 695 | 0.5 | – | 15.0 | 15.0 | 75 | 63 | 5.4 | 70 | 0.6 | 15 | 208/1 | |
| FCU-1.6 | FLOOR MOUNTED CONSOLE | 301 RC CHAMBER | 301 RC CHAMBER / 302 LANDING | HPU-1 | 695 | 0.5 | – | 15.0 | 15.0 | 75 | 63 | 5.4 | 70 | 0.6 | 15 | 208/1 | |
| FCU-2.1 | MULTI-POSITIONAL AHU | B-1 STOR | 102 MAIN HALL (SW) | HPU-2 | 250 | 0.5 | 130 | 7.2 | 4.2 | 75 | 63 | 0.0 | 70 | 4.9 | 15 | 208/1 | |
| FCU-2.2 | FLOOR MOUNTED CONSOLE | B-3 CUSTODIAL | B-3 CUSTODIAL | HPU-2 | 245 | 0.5 | 20 | 3.7 | 2.8 | 75 | 63 | 5.5 | 70 | 0.3 | 15 | 208/1 | |
| FCU-2.3 | FLOOR MOUNTED CONSOLE | B-4 STOR | B-4 STOR | HPU-2 | 400 | 0.5 | – | 5.3 | 5.3 | 75 | 63 | 5.2 | 70 | 0.5 | 15 | 208/1 | |
| FCU-2.4 | MULTI-POSITIONAL AHU | B-4 STOR | 112 DINING | HPU-2 | 420 | 0.5 | 75 | 9.9 | 8.6 | 75 | 63 | 6.1 | 70 | 4.9 | 15 | 208/1 | |
| FCU-2.5 | MULTI-POSITIONAL AHU | B-1 STOR | 108 CLASSROOM | HPU-2 | 560 | 0.5 | 200 | 15.0 | 11.6 | 75 | 63 | 4.6 | 70 | 4.9 | 15 | 208/1 | |
| FCU-2.6 | MULTI-POSITIONAL AHU | B-1 STOR | 109 TBD / 111 KITCHEN | HPU-2 | 510 | 0.5 | 85 | 8.6 | 7.7 | 75 | 63 | 4.4 | 70 | 4.9 | 15 | 208/1 | |
| FCU-2.7 | FLOOR MOUNTED CONSOLE | B-1 STOR | B-1 STOR (3) | HPU-2 | 390 | 0.5 | – | 8.3 | 8.3 | 75 | 63 | 2.0 | 70 | 0.6 | 15 | 208/1 | |
| FCU-3.1 | MULTI-POSITIONAL AHU | B-5 STOR | 113 RC OFF | HPU-3 | 560 | 0.5 | 120 | 13.5 | 11.3 | 75 | 63 | 5.7 | 70 | 4.9 | 15 | 208/1 | |
| FCU-3.2 | FLOOR MOUNTED CONSOLE | B-5 STOR | B-5 STOR | HPU-3 | 295 | 0.5 | 35 | 6.7 | 6.3 | 75 | 63 | 3.6 | 70 | 0.5 | 15 | 208/1 | |
| FCU-3.3 | FLOOR MOUNTED CONSOLE | 305 CB STOR | 304 LANDING / 305 CB STOR | HPU-3 | 755 | 0.5 | – | 16.3 | 16.3 | 75 | 63 | 5.9 | 70 | 0.6 | 15 | 208/1 | |
| FCU-3.4 | FLOOR MOUNTED CONSOLE | 305 CB STOR | 304 LANDING / 305 CB STOR | HPU-3 | 755 | 0.5 | – | 16.3 | 16.3 | 75 | 63 | 5.9 | 70 | 0.6 | 15 | 208/1 | |
| FCU-4.1 | MULTI-POSITIONAL AHU | B-1 STOR | 102 MAIN HALL (NE) | HPU-4 | 250 | 0.5 | 130 | 7.2 | 4.2 | 75 | 63 | 0.0 | 70 | 4.9 | 15 | 208/1 | |
| FCU-4.2 | MULTI-POSITIONAL AHU | B-1 STOR | 116 NPS SPACE / 117 BREAK RM | HPU-4 | 510 | 0.5 | 60 | 12.4 | 10.7 | 75 | 63 | 4.5 | 70 | 4.9 | 15 | 208/1 | |
| FCU-4.3 | FLOOR MOUNTED CONSOLE | B-6 STOR | B-6 STOR | HPU-4 | 285 | 0.5 | – | 6.2 | 6.2 | 75 | 63 | 6.2 | 70 | 0.5 | 15 | 208/1 | |
| FCU-4.4 | FLOOR MOUNTED CONSOLE | B-7 STAIR | B-7 STAIR / 115 STAIR / 214 STAIR | HPU-4 | 140 | 0.5 | 40 | 3.8 | 3.0 | 75 | 63 | 5.2 | 70 | 0.3 | 15 | 208/1 | |
| FCU-4.5 | FLOOR MOUNTED CONSOLE | B-1 STOR | B-1 STOR (1) | HPU-4 | 390 | 0.5 | – | 8.3 | 8.3 | 75 | 63 | 2.0 | 70 | 0.6 | 15 | 208/1 | |
| FCU-4.6 | MULTI-POSITIONAL AHU | B-6 STOR | 114 RC OFF | HPU-4 | 680 | 0.5 | 120 | 13.6 | 12.3 | 75 | 63 | 8.8 | 70 | 4.9 | 15 | 208/1 | |
| FCU-4.7 | MULTI-POSITIONAL AHU | B-1 STOR | 202 MAIN HALL / 202 STAIR / 303 CHAMBER | HPU-4 | 1,530 | 0.5 | 320 | 35.7 | 31.3 | 75 | 63 | 23.5 | 70 | 8.6 | 15 | 208/1 | |

## ENERGY RECOVERY VENTILATORS

| UNIT NO | LOCATION | TYPE | SUPPLY FAN | | | | | | EXHAST FAN | | | | | | ENERGY RECOVERY | | | | | | | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | SUMMER | | | | WINTER | | | | | | | |
| | | | | | | | | | | | | | | | SUPPLY | | EXHAUST | | SUPPLY | | EXHAUST | | | | | |
| | | | CFM | QTY | ESP | TSP | BHP | HP | CFM | QTY | ESP | TSP | BHP | HP | EAT DB/WB | LAT DB/WB | EAT DB/WB | LAT DB/WB | EAT DB/WB | LAT DB/WB | EAT DB/WB | LAT DB/WB | MCA | MOCP | V/PH/HZ | |
| ERV-1 | B-1 STOR | | 2725 | 1 | 1.25 | | | | 2225 | 1 | 1.25 | | | | 95/78 | 82/70 | 75/63 | 91/74 | 0/-2 | 44/36 | 70/53 | 16/16 | 147 | 150 | 208/3/60 | |

## VENTILATION UNITS

| UNIT NO | LOCATION | SERVICE | ASSOCIATED OUTDOOR UNIT | SUPPLY FAN | | COOLING COIL | | | | HEATING COIL | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CFM | ESP | TOTAL COOLING MBH | SENS COOLING MBH | EAT | | TOTAL HEATING MBH | EAT DB | MCA | MOCP | V/PH | |
| | | | | | | | | DB | WB | | | | | | |
| VU-1 | B-1 STOR | ERV-1 | HPU-5 | 2725 | 1.25 | 139.7 | 81.4 | 55 | 54 | 81.9 | 72 | 147 | 150 | 208/3 | |

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|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. M8.1 | TITLE OF SHEET: MECHANICAL SCHEDULES | DRAWING NO. 895 179603 |
| DRAWN: MAV | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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GENERAL NOTES: (APPLICABLE TO ALL MECHANICAL SCHEDULES)

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## VARIABLE FREQUENCY MOTOR CONTROLLERS ①

| UNIT NO | LOCATION | SERVICE | HP | OUTPUT AMPS | INPUT POWER | OUTPUT POWER | ENCLOSURE TYPE | NOTES |
|---|---|---|---|---|---|---|---|---|
| VFMC-1 | B-1 STOR | HPU-1 | 15 | 42 | 240/1 | 240/3 | NEMA-1 | |
| VFMC-2 | B-1 STOR | HPU-2 | 10 | 28 | 240/1 | 240/3 | NEMA-1 | |
| VFMC-3 | B-1 STOR | HPU-3 | 10 | 28 | 240/1 | 240/3 | NEMA-1 | |
| VFMC-4 | B-1 STOR | HPU-4 | 15 | 42 | 240/1 | 240/3 | NEMA-1 | |
| VFMC-5 | B-1 STOR | HPU-5 | 20 | 54 | 240/1 | 240/3 | NEMA-1 | |
| VFMC-6 | B-1 STOR | HPU-6 | 7.5 | 22 | 240/1 | 240/3 | NEMA-1 | |

NOTES FOR FARIABLE FREQUENCY MOTOR CONTROLLERS:
① VFMC'S SHALL CONVERT 240/1 POWER TO 208/3 PH POWER.

## HYDRONIC FAN COIL UNITS

| UNIT NO | TYPE | LOCATION | SERVICE | ASSOCIATED OUTDOOR UNIT | SUPPLY FAN | | OA CFM | COOLING COIL | | | | HEATING COIL | | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CFM | ESP | | TOTAL COOLING MBH | SENS COOLING MBH | EAT DB | EAT WB | TOTAL HEATING MBH | EAT DB | MCA | MOCP | V/PH | |
| FCU-5.1 | FLOOR MOUNTED CONSOLE | 201 CLASSROOM | 201 CLASSROOM | HPU-1 | 500 | 0.5 | 200 | 13.5 | 10.8 | 75 | 63 | 5.5 | 70 | 5.8 | 15 | 208/1 | |
| FCU-5.2 | FLOOR MOUNTED CONSOLE | 203 READING / 204 VAULT | 203 READING / 204 VAULT | HPU-1 | 640 | 0.5 | 50 | 14.4 | 13.8 | 75 | 63 | 13.0 | 70 | 5.8 | 15 | 208/1 | |
| FCU-5.3 | FLOOR MOUNTED CONSOLE | 206 DIST LEARN STUDIO | 206 DIST LEARN STUDIO | HPU-1 | 375 | 0.5 | 45 | 8.9 | 8.1 | 75 | 63 | 6.0 | 70 | 2.9 | 15 | 208/1 | |
| FCU-6.1 | FLOOR MOUNTED CONSOLE | 211 DR H BEDROOM | 211 DR H BEDROOM | HPU-2 | 795 | 0.5 | 115 | 18.0 | 17.1 | 75 | 63 | 14.2 | 70 | 5.8 | 15 | 208/1 | |
| FCU-6.2 | FLOOR MOUNTED CONSOLE | 207 CH EXHIBIT | 207 CH EXHIBIT | HPU-2 | 480 | 0.5 | 80 | 11.9 | 10.4 | 75 | 63 | 7.8 | 70 | 2.9 | 15 | 208/1 | |
| FCU-6.3 | FLOOR MOUNTED CONSOLE | 208 TBH | 208 TBH | HPU-2 | 285 | 0.5 | 15 | 6.4 | 6.2 | 75 | 63 | 5.1 | 70 | 2.9 | 15 | 208/1 | |
| FCU-6.4 | FLOOR MOUNTED CONSOLE | 209 HISTORIC BATHROOM | 209 HISTORIC BATHROOM | HPU-2 | 210 | 0.5 | 35 | 4.5 | 4.5 | 75 | 63 | 4.3 | 70 | 2.9 | 15 | 208/1 | |
| FCU-7.1 | FLOOR MOUNTED CONSOLE | 212 CB SITTING RM | 212 CB SITTING RM | HPU-3 | 490 | 0.5 | 160 | 11.9 | 10.6 | 75 | 63 | 5.9 | 70 | 2.9 | 15 | 208/1 | |
| FCU-7.2 | FLOOR MOUNTED CONSOLE | 213 CB BEDROOM | 213 CB BEDROOM | HPU-3 | 945 | 0.5 | 150 | 21.3 | 20.4 | 75 | 63 | 17.6 | 70 | 5.8 | 15 | 208/1 | |
| FCU-8.1 | FLOOR MOUNTED CONSOLE | 216 CLASSROOM | 216 CLASSROOM | HPU-4 | 410 | 0.5 | 85 | 9.9 | 8.8 | 75 | 63 | 6.3 | 70 | 2.9 | 15 | 208/1 | |
| FCU-8.2 | FLOOR MOUNTED CONSOLE | 215 CURATOR WORK | 215 CURATOR WORK | HPU-4 | 535 | 0.5 | 30 | 12.1 | 11.5 | 75 | 63 | 8.9 | 70 | 2.9 | 15 | 208/1 | |
| FCU-8.3 | FLOOR MOUNTED CONSOLE | 218 TEMP EXHIBIT | 218 TEMP EXHIBIT | HPU-4 | 805 | 0.5 | 125 | 18.6 | 17.4 | 75 | 63 | 14.8 | 70 | 5.8 | 15 | 208/1 | |

## VRF HYDROBOXES

| DESIGNATION | LOCATION | SERVICE | COOLING | | | | | HEATING | | | | PUMP | | ELECTRICAL V/PH | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MBH | SENSIBLE MBH | EWT | LWT | GPM | MBH | EWT | LWT | GPM | FPD (FT) | INPUT WATTS | | |
| HYDROBOX-1 | B-1 STOR | FCU-5.1, 5.2, 5.3 | 36.8 | 32.7 | 60 | 50 | 8.0 | 24.5 | 82 | 100 | 3.5 | 21 | 135 | 208/1 | |
| HYDROBOX-2 | B-1 STOR | FCU-6.1, 6.2, 6.3, 6.4 | 40.7 | 38.1 | 60 | 50 | 9.0 | 31.4 | 82 | 100 | 4.5 | 21 | 135 | 208/1 | |
| HYDROBOX-3 | B-1 STOR | FCU-7.1, 7.2 | 33.2 | 31.0 | 60 | 50 | 7.0 | 23.5 | 82 | 100 | 3.5 | 21 | 135 | 208/1 | |
| HYDROBOX-4 | B-1 STOR | FCU-8.1, 8.2, 8.3 | 40.6 | 37.7 | 60 | 50 | 8.0 | 30.1 | 82 | 100 | 3.0 | 21 | 135 | 208/1 | |

## UNIT HEATERS – ELECTRIC

| UNIT NO | TYPE | LOCATION | SERVICE | APPROXIMATE SIZE (in.) | | | CFM | EAT | FAN MOTOR HP | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | W | H | D | | | | KW | V | PH | |
| UH-1 | A | B-1 STOR | B-1 STOR | 14 | 16 | 8 | 350 | 65 | 1/100 | 3.0 | 208 | 1 | |
| UH-2 | A | B-1 STOR | B-1 STOR | 14 | 16 | 8 | 350 | 65 | 1/100 | 3.0 | 208 | 1 | |
| UH-3 | A | B-1 STOR | B-1 STOR | 14 | 16 | 8 | 350 | 65 | 1/100 | 3.0 | 208 | 1 | |
| UH-4 | A | B-1 STOR | B-1 STOR | 14 | 16 | 8 | 350 | 65 | 1/100 | 3.0 | 208 | 1 | |
| UH-5 | B | 305 CB STOR | 305 CB STOR | 16 | 4 | 18 | 150 | 65 | 1/100 | 3.0 | 240 | 1 | |
| UH-6 | B | 301 RC CHAMBER | 301 RC CHAMBER | 16 | 4 | 18 | 150 | 65 | 1/100 | 3.0 | 240 | 1 | |

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DRAWN: MAV
TECH. REVIEW: CEL
DATE: 01/10/2025

SUB SHEET NO: M8.2

TITLE OF SHEET: MECHANICAL SCHEDULES

REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE

DRAWING NO. 895 179603
PMIS/PKG NO. 312325
SHEET ___ OF X

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## PLUMBING ABBREVIATIONS

(APPLICABLE TO ALL PLUMBING DRAWINGS)

| | |
|---|---|
| AFF | ABOVE FINISHED FLOOR |
| B | BOTTOM |
| BAS | BUILDING AUTOMATION SYSTEM |
| BFP | BACKFLOW PREVENTER |
| BLDG | BUILDING |
| CO | CLEANOUT |
| COND | CONDENSATE |
| CP | CONDENSATE PUMP |
| CW | COLD WATER |
| CX | CONNECT TO EXISTING |
| D | DEEP / DEPTH / DIAMETER / DRAIN |
| DEG | DEGREES |
| DIA | DIAMETER |
| DN | DOWN |
| DWC | DRINKING WATER COOLER |
| DWH | DOMESTIC WATER HEATER |
| EFT | ENTERING FLUID TEMPERATURE |
| EL | ELEVATION |
| ELEV | ELEVATION / ELEVATOR |
| ET | EXPANSION TANK |
| EWT | ENTERING WATER TEMPERATURE |
| EX | EXISTING |
| F | FAHRENHEIT |
| FD | FLOOR DRAIN |
| FPD | FLUID PRESSURE DROP |
| FT | FEET / FOOT |
| GAL | GALLON |
| GPM | GALLONS PER MINUTE |
| H | HEIGHT / HIGH |
| HP | HORSEPOWER |
| HW | HOT WATER |
| HWR | HOT WATER RETURN |
| HZ | HERTZ |
| IN | INCH / INCHES |
| INV | INVERT |
| KW | KILOWATT |
| L | LENGTH |
| LAV | LAVATORY |
| LWT | LEAVING WATER TEMPERATURE |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| N | NORTH |
| NTS | NOT TO SCALE |
| P | PLUMBING / PLUMBING FIXTURE TYPE |
| PD | PUMP DISCHARGE / PLUMBING DEMOLITION |
| PH | PHASE |
| R | RADIUS |
| RECIRC | RECIRCULATION |
| RX | REMOVE EXISTING |
| S | SANITARY |
| SAN | SANITARY |
| SS | SERVICE SINK |
| SW | STORM WATER |
| TEMP | TEMPERATURE |
| TYP | TYPICAL |
| UR | URINAL |
| V | VENT / VOLTS |
| VTR | VENT THROUGH ROOF |
| W | WIDTH |
| W/ | WITH |
| WC | WATER CLOSET |
| WH | WALL HYDRANT |

## PLUMBING LEGEND

(APPLICABLE TO ALL PLUMBING DRAWINGS)

| SYMBOL | DESCRIPTION |
|---|---|
| —— - —— | COLD WATER |
| —— -- —— | HOT WATER |
| —— --- —— | HOT WATER RETURN |
| ---140 —— | 140 DEGREES F HOT WATER |
| ——SW—— | STORM WATER |
| —— | SOIL OR WASTE |
| - - - - - - | VENT |
| ——PD—— | PUMP DISCHARGE |
| BWV | BACK WATER VALVE |
| DCDA | DOMESTIC WATER SERVICE REDUCED PRESSURE ZONE BACKFLOW PREVENTER |
| D-(-) | DRAIN (ALL TYPES) |
| | HOSE BIBB |
| | WALL HYDRANT |
| M | WATER METER |
| D | CONDENSATE DRAIN |
| | CONNECT TO EXISTING |
| | END POINT OF REMOVAL OF EXISTING |
| 1 / P1.1 | PLAN/ SECTION DESIGNATION<br>TOP - PLAN/ SECTION REFERENCE,<br>BOTTOM - REFERENCED DRAWING |
| | AIR VENT |
| | PRESSURE GAUGE |
| | STRAINER |
| | THERMOMETER |
| | UNION |
| | BALANCING VALVE |
| | CHECK VALVE |
| | PRESSURE REDUCING VALVE |
| | RELIEF VALVE |
| | SHUTOFF VALVE |

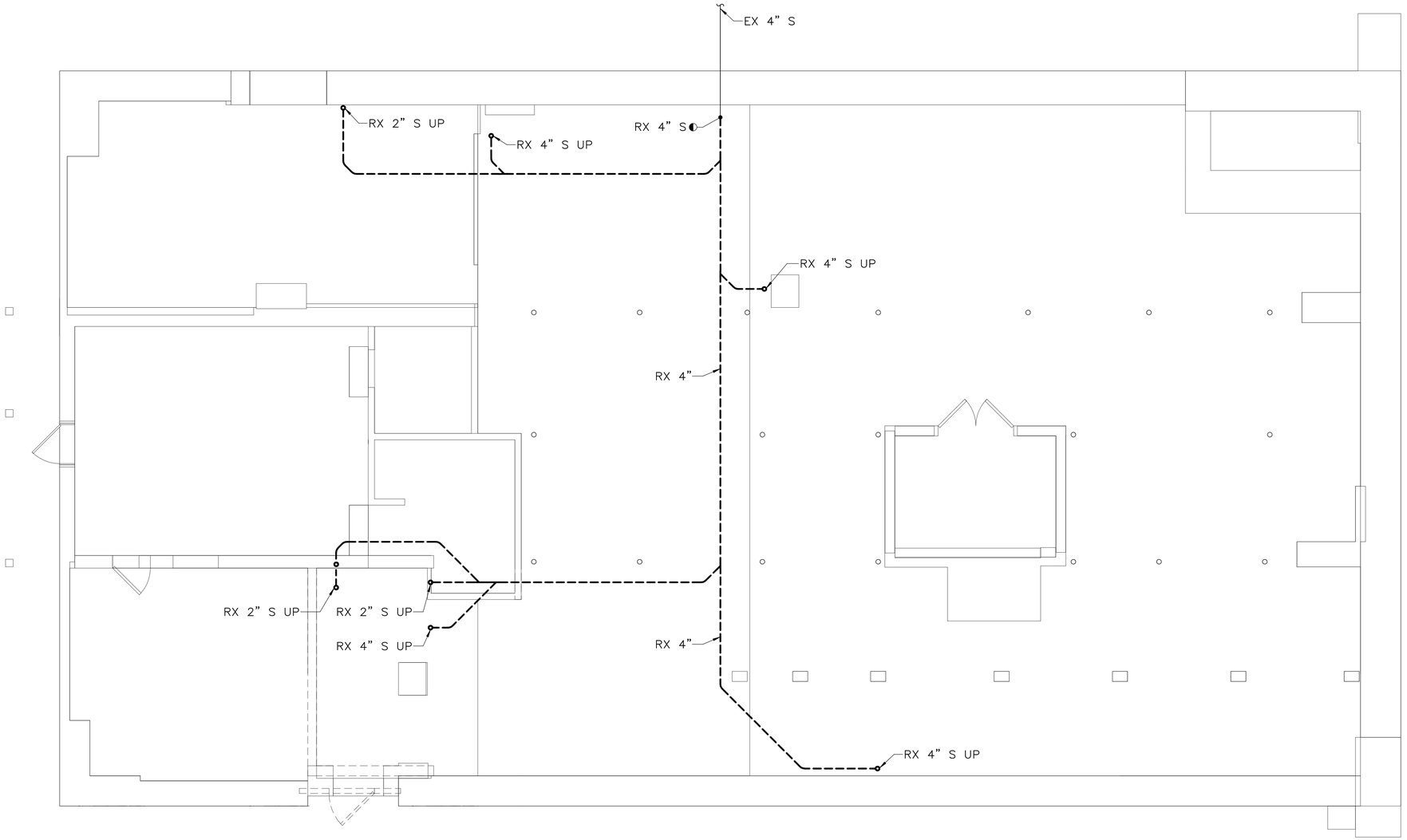
## GENERAL PLUMBING NOTES

(APPLICABLE TO ALL PLUMBING DRAWINGS)

1. THE LOCATION OF ALL EXISTING UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. REPAIR ALL DAMAGES OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.
2. RUN ALL SOIL, WASTE AND DRAIN PIPING WITH 2 PERCENT MINIMUM GRADE UNLESS OTHERWISE NOTED. HORIZONTAL VENT PIPING SHALL BE GRADED TO DRIP BACK TO THE SOIL OR WASTE PIPE BY GRAVITY.
3. ELEVATIONS NOTED ARE TO CENTERLINES OF PIPES FOR ALL PRESSURE LINES AND TO INVERT FOR ALL GRAVITY FLOW LINES.
4. ADJUST SEWER INVERTS TO KEEP TOPS OF PIPE IN LINE WHERE PIPE SIZE CHANGES.
5. MAINTAIN MINIMUM OF 3'–0" COVER OVER UNDERGROUND WATER MAIN AND MINIMUM OF 2'–6" COVER OVER UNDERGROUND SEWERS AND DRAINS.
6. PROVIDE SHUTOFF VALVES IN DOMESTIC WATER SYSTEMS IN BRANCH LINES SERVING TWO OR MORE FIXTURES.
7. UNLESS OTHERWISE NOTED, ALL PIPING IS OVERHEAD, TIGHT TO UNDERSIDE OF STRUCTURE, WITH SPACE FOR INSULATION IF REQUIRED.
8. INSTALL PIPING SO THAT ALL VALVES ARE ACCESSIBLE.
9. COORDINATE ALL PLUMBING WORK WITH MECHANICAL, ELECTRICAL WORK, ETC., SHOWN ON OTHER DRAWINGS.
10. MAINTAIN MINIMUM 6'–8" CLEARANCE TO UNDERSIDE OF PIPES, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL AND ELECTRICAL ROOMS.
11. UNLESS OTHERWISE NOTED, WHERE HOT AND COLD WATER PIPING DROPS INTO PIPE CHASE, THE SIZE SHOWN FOR THE PIPE DROPS SHALL BE USED TO THE LAST FIXTURE.
12. CERTAIN ITEMS SUCH AS ACCESS DOORS, CLEANOUTS, RISE AND DROPS IN PIPING, ETC., ARE INDICATED ON THE DRAWINGS FOR CLARITY OR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THESE ITEMS AS REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS.
13. WHERE THE INSTALLATION OF NEW SERVICES OR THE EXTENSION OF EXISTING SERVICES REQUIRE CUTTING OF EXISTING FLOORS, WALLS, PARTITIONS, ETC., IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK FOR THE PRESENCE OF EXISTING MECHANICAL AND / OR ELECTRICAL SERVICES WITHIN OR IMMEDIATELY BENEATH CONSTRUCTION AND EXERCISE NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE SERVICES OR INJURY TO HIS PERSONNEL DUE TO CONTACT WITH SAME. WHERE PRACTICAL, SUCH EXISTING SERVICES SHALL BE TEMPORARILY DISCONNECTED DURING THE CUTTING OPERATION. SUCH OUTAGES IN SERVICE SHALL BE SCHEDULED IN ADVANCE WITH THE COR.
14. FLOW SCHEMATIC AND RISER DIAGRAMS INDICATE FLOW AND OPERATION CONCEPTS AS WELL AS GENERAL ARRANGEMENT OF EQUIPMENT. VALVES, PRESSURE GAUGES, ETC. ARE INDICATED FOR THIS PURPOSE. ADDITIONAL VALVES, PRESSURE GAUGES, ETC. SHALL BE PROVIDED AS SHOWN ON VARIOUS EQUIPMENT DETAILS. SEE PLANS AND DETAILS FOR PIPE SIZES NOT INDICATED ON FLOW SCHEDULES AND RISER DIAGRAMS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR RESEARCHING ALL SYSTEMS THAT A PARTICULAR OUTAGE WILL AFFECT AS WELL AS LOCATING ALL SHUTOFF POINTS. THIS INFORMATION SHALL BE INCLUDED IN THE OUTAGE PLAN TO BE SUBMITTED TO COR FOR APPROVAL.
16. USE OF COMBINATION WYE FITTINGS OR CROSS TEES IN THE PLUMBING SANITARY SYSTEM ARE NOT ALLOWED.
17. INFORMATION SHOWN ON THE PLUMBING DRAWINGS PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO DEMOLITION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, OR THERE IS A QUESTION REGARDING SCOPE OF WORK OR LIMITS OF DISTURBANCE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
18. REMOVE ALL EXISTING PIPING, FIXTURES, EQUIPMENT, AND MATERIALS NOT REQUIRED FOR RE–USE OR RE–INSTALLATION (SHOWN OR OTHERWISE). ALL EXISTING MATERIALS AND EQUIPMENT WHICH ARE REMOVED AND ARE DESIRED BY THE COR, OR ARE INDICATED TO REMAIN THE PROPERTY OF GOVERNMENT SHALL BE DELIVERED BY THE CONTRACTOR WHERE DIRECTED BY THE COR. ALL OTHER MATERIALS AND EQUIPMENT WHICH ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRACTOR FROM THE PREMISES.
19. DISCONNECT EXISTING PIPING NO LONGER REQUIRED TO REMAIN IN SERVICE (SHOWN OR OTHERWISE) AND REMOVE PIPING BACK TO SERVICE MAINS UNLESS OTHERWISE INDICATED OR NOTED ON PLANS. REMOVE EXISTING PIPE HANGERS, SUPPORTS, VALVES, ETC. CAP, PLUG, OR SEAL EXISTING PIPING INDICATED OR REQUIRED TO REMAIN IN SERVICE OR IN PLACE. NO EXISTING PIPING SHALL BE LEFT UNSEALED VALVE ALL TERMINATED PRESSURE PIPE.
20. EXISTING PLUMBING PIPING, FIXTURES, EQUIPMENT, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE RE–INSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE COR AND AT NO ADDITIONAL CONTRACT COST.
21. REMOVE ALL ACCESSORIES, CONTROLS, ENCLOSURES, SUPPORTS, HANGERS, PADS, ETC. ASSOCIATED WITH ALL EQUIPMENT SHOWN TO BE REMOVED. REPAIR AND PAINT DAMAGED SURFACES AND ALL SURFACES BEHIND ALL EQUIPMENT SHOWN TO BE DEMOLISHED TO MATCH EXISTING ADJACENT SURFACES.

| | | | |
|---|---|---|---|
| DESIGNED: CEL<br>DRAWN: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO.<br>P0.1 | TITLE OF SHEET<br>**PLUMBING COVER SHEET**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO.<br>895<br>179603<br>PMIS/PKG NO.<br>312325<br>SHEET<br>___ OF X |

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1/9/2025 9:40:52 AM




1 PD0.2 SUBSLAB – PLUMBING – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
4. CONTRACTOR SHALL FIELD VERIFY ALL SUB SLAB PIPING

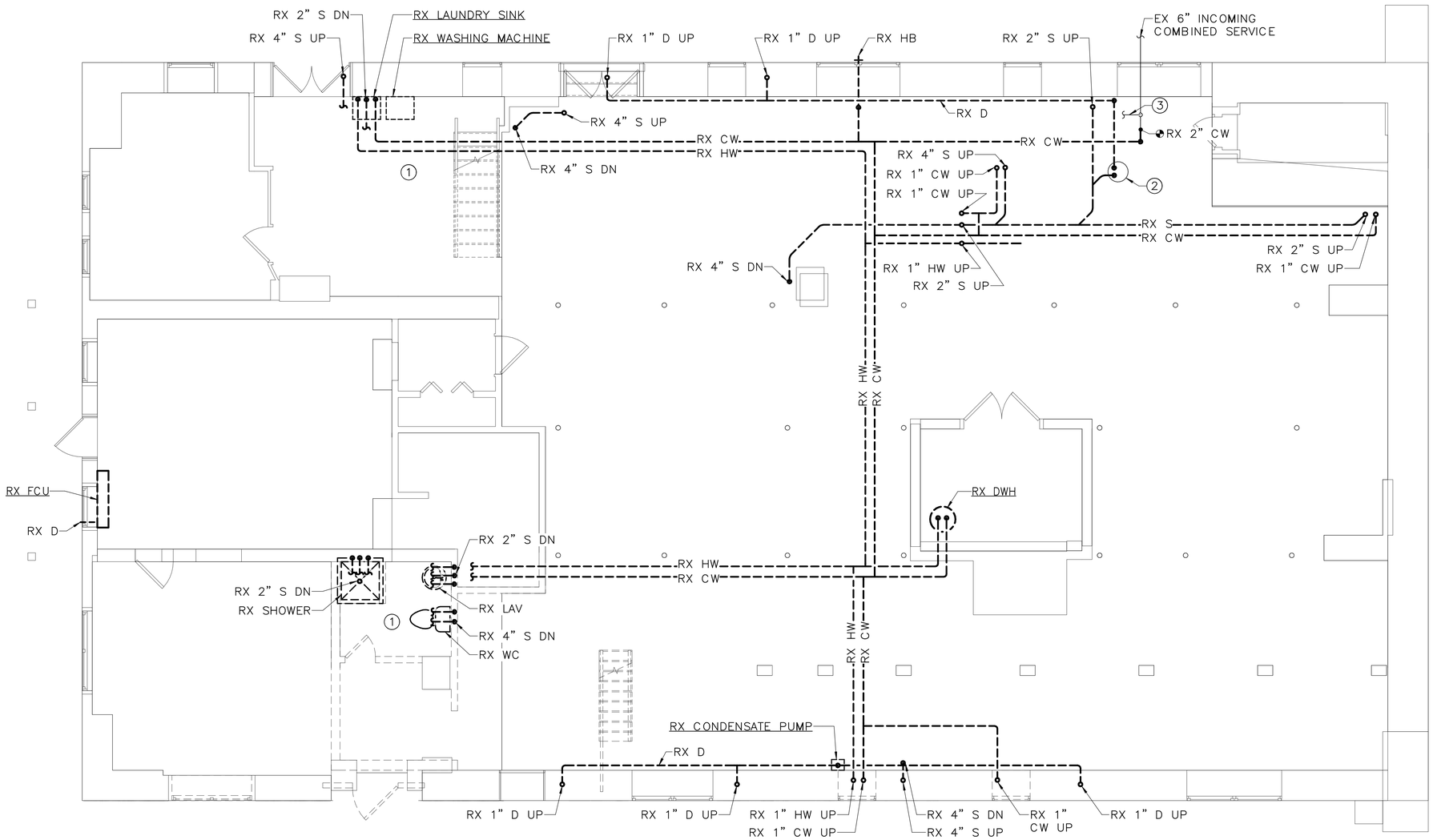
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. PD0.2 | TITLE OF SHEET: SUBSLAB - PLUMBING - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:41:34 AM




1 PD1.0 BASEMENT – PLUMBING – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

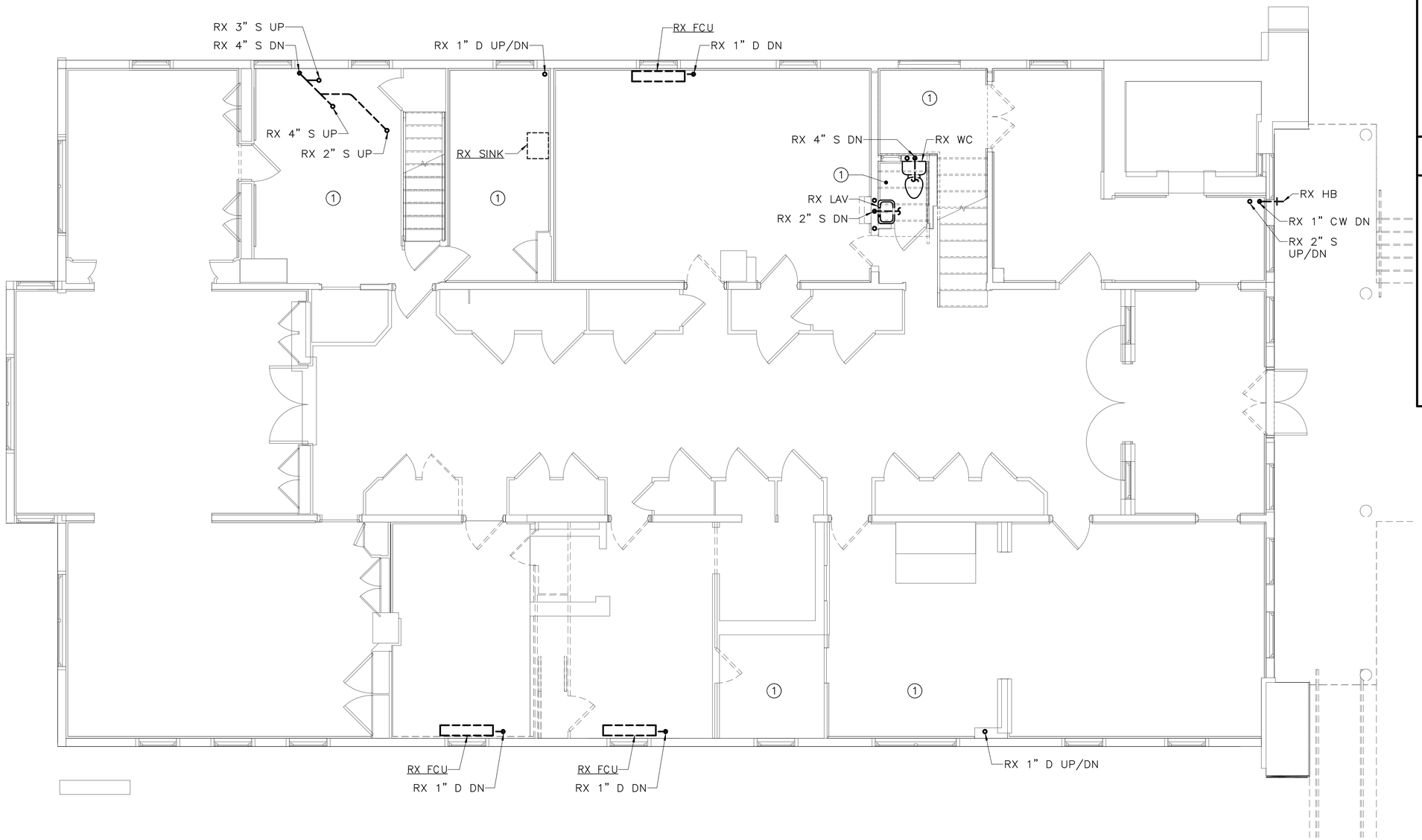
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RX ALL PLUMBING PIPING AND PLUMBING FIXTURES IN THIS SPACE
(2) EX SUMP PIT. RX SUMP PUMP AND ALL ASSOCIATED WIRING AND CONTROLS
(3) EX 6" F. SEE FIRE PROTECTION DRAWINGS FOR CONTINUATION.

4 0 4 8
SCALE OF FEET

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|---|---|---|---|
| DESIGNED: CEL<br>DRAWN: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO. PD1.0 | TITLE OF SHEET<br>BASEMENT - PLUMBING - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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1/9/2025 9:41:38 AM




1 PD1.1 FIRST FLOOR – PLUMBING – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

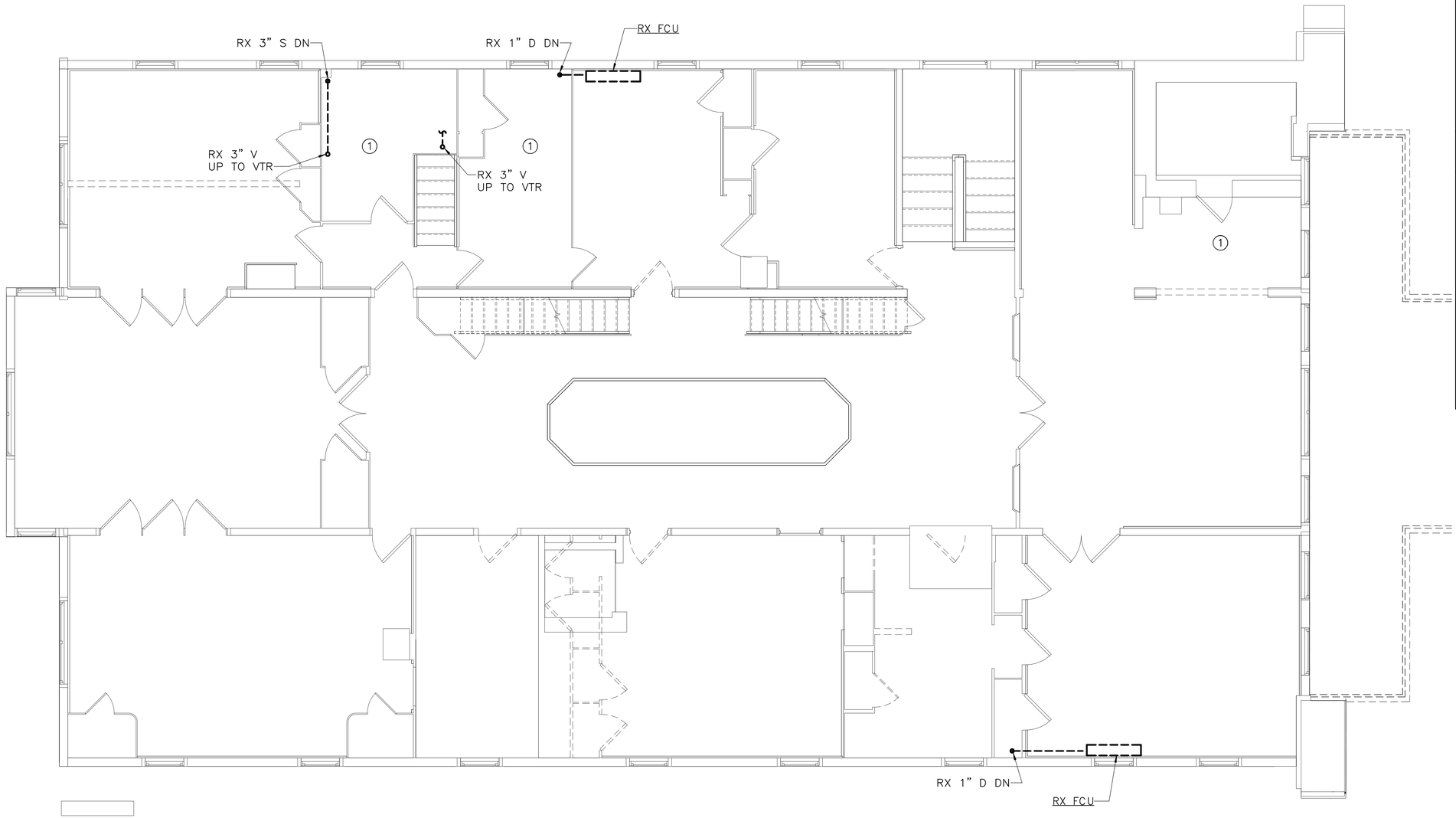
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RX ALL PLUMBING PIPING AND PLUMBING FIXTURES IN THIS SPACE
(2) NOT USED

4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. PD1.1 | TITLE OF SHEET: FIRST FLOOR - PLUMBING - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:41:42 AM




1 PD1.2 SECOND FLOOR – PLUMBING – DEMOLITION PLAN
SCALE A

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

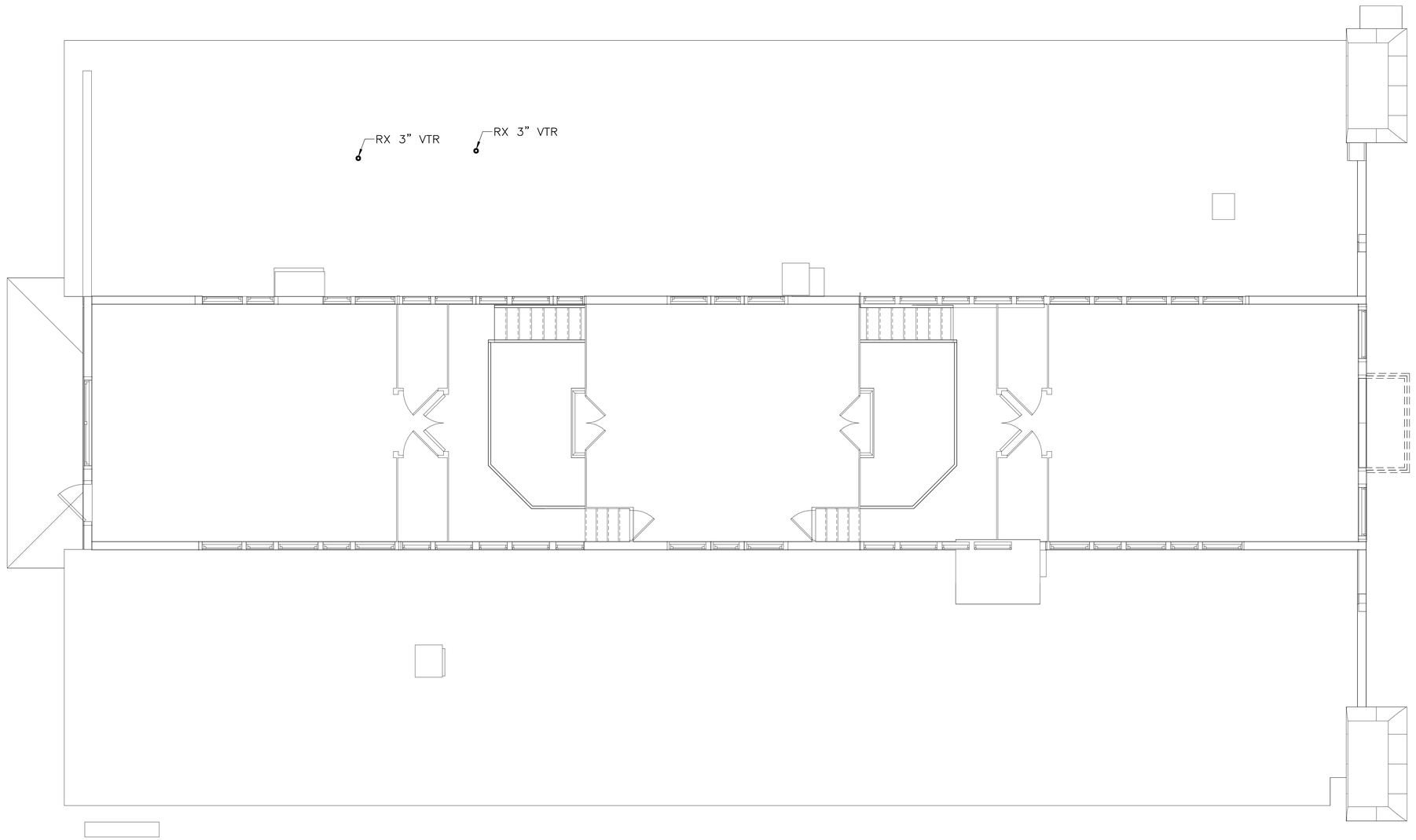
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RX ALL PLUMBING PIPING AND PLUMBING FIXTURES IN THIS SPACE
(2) NOT USED

4 0 4 8
SCALE OF FEET

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|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. PD1.2 | TITLE OF SHEET: SECOND FLOOR - PLUMBING - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 PD1.3 THIRD FLOOR – PLUMBING – DEMOLITION PLAN
SCALE A

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

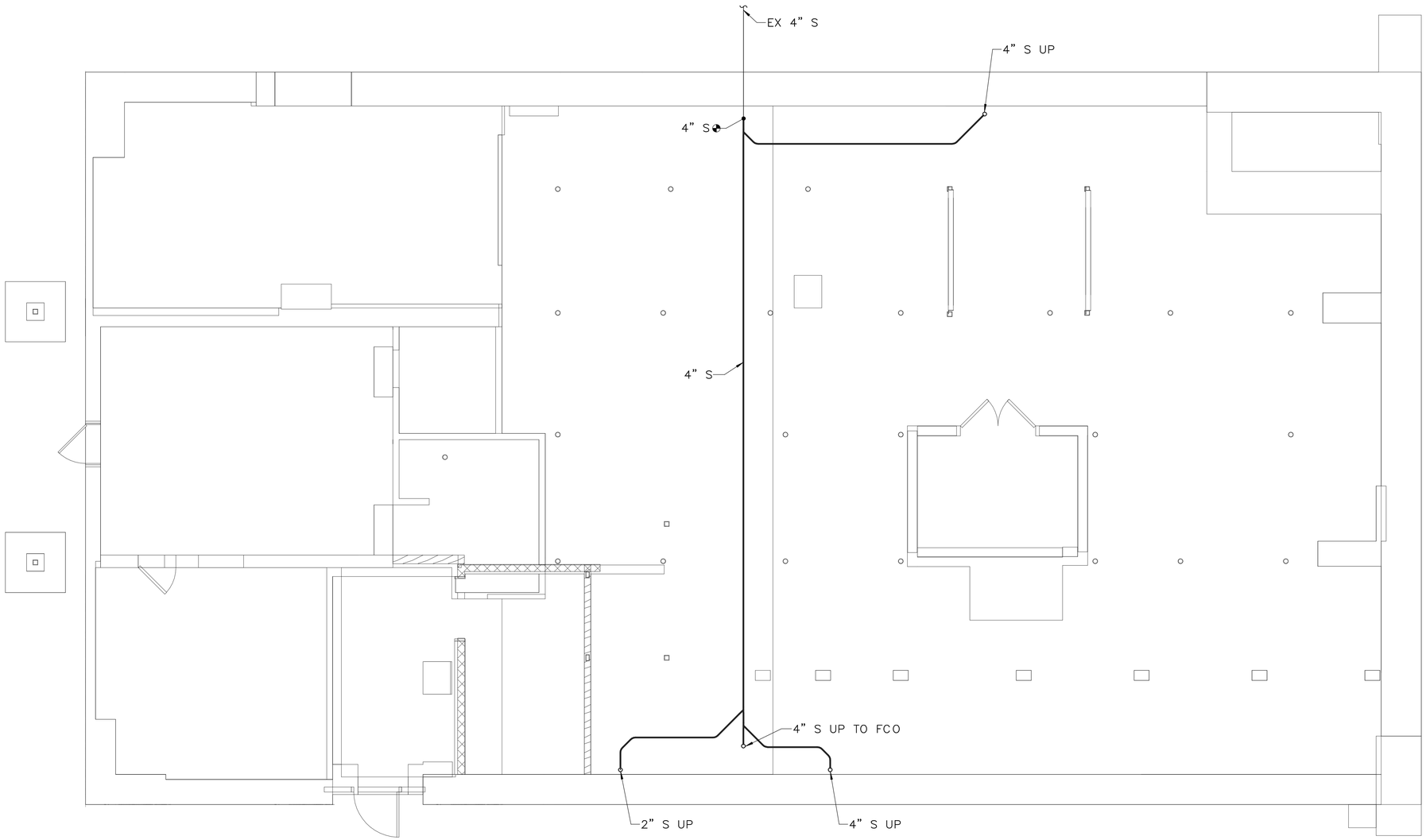
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. NOT USED
2. NOT USED

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| DESIGNED: CEL | SUB SHEET NO. PD1.3 | TITLE OF SHEET: THIRD FLOOR - PLUMBING - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:41:50 AM




1 P0.2 SUBSLAB – PLUMBING – NEW WORK PLAN
SCALE A

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL FOOTINGS AND COORDINATE WITH NEW SUBSLAB PIPING.

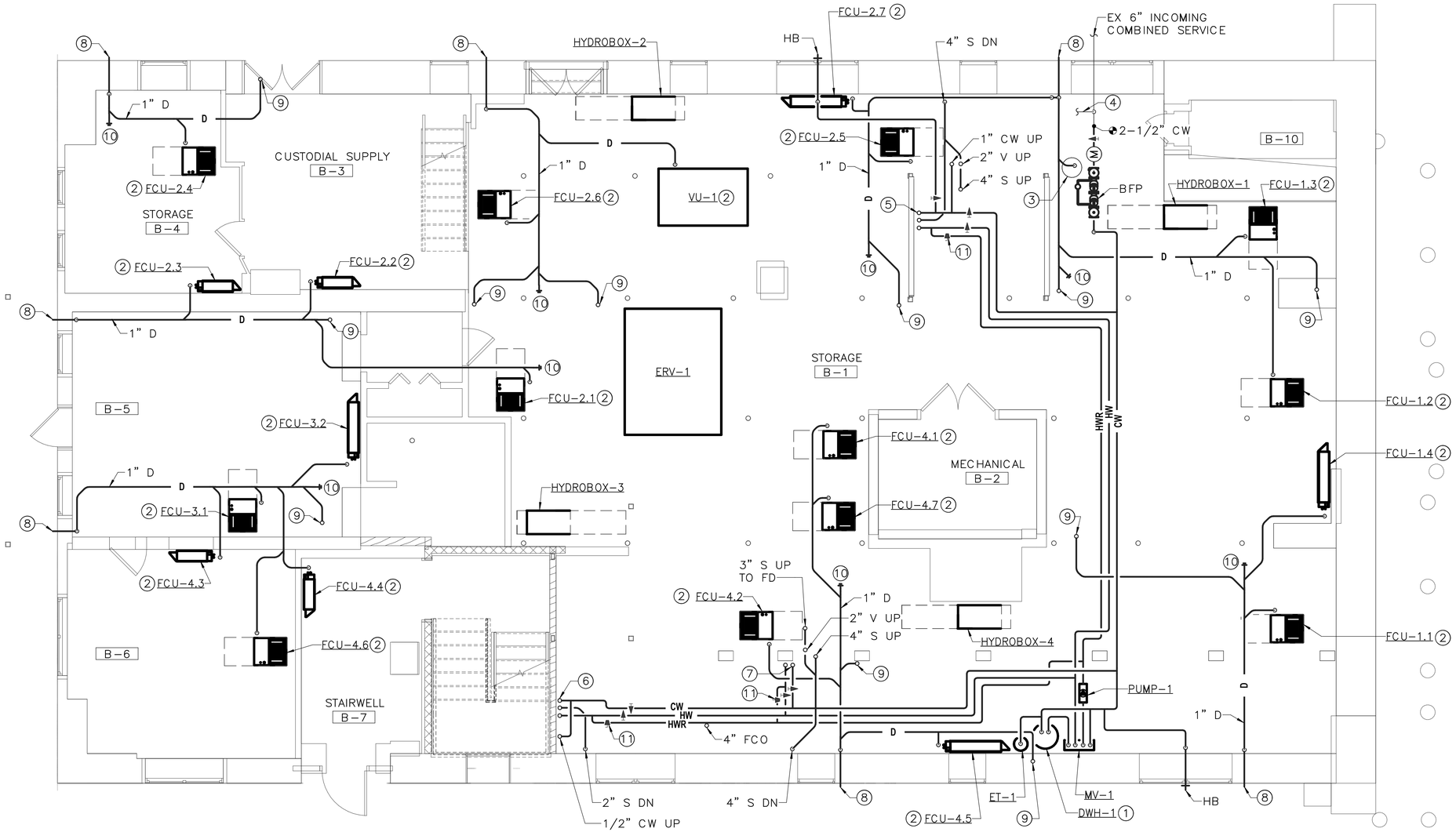
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

4 0 4 8
SCALE OF FEET

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|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. P0.2 | TITLE OF SHEET: SUBSLAB - PLUMBING - NEW WORK PLAN<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:40:56 AM




1 P1.0 BASEMENT – PLUMBING – NEW WORK PLAN
SCALE (A)

SCALE OF FEET: 4 0 4 8

## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

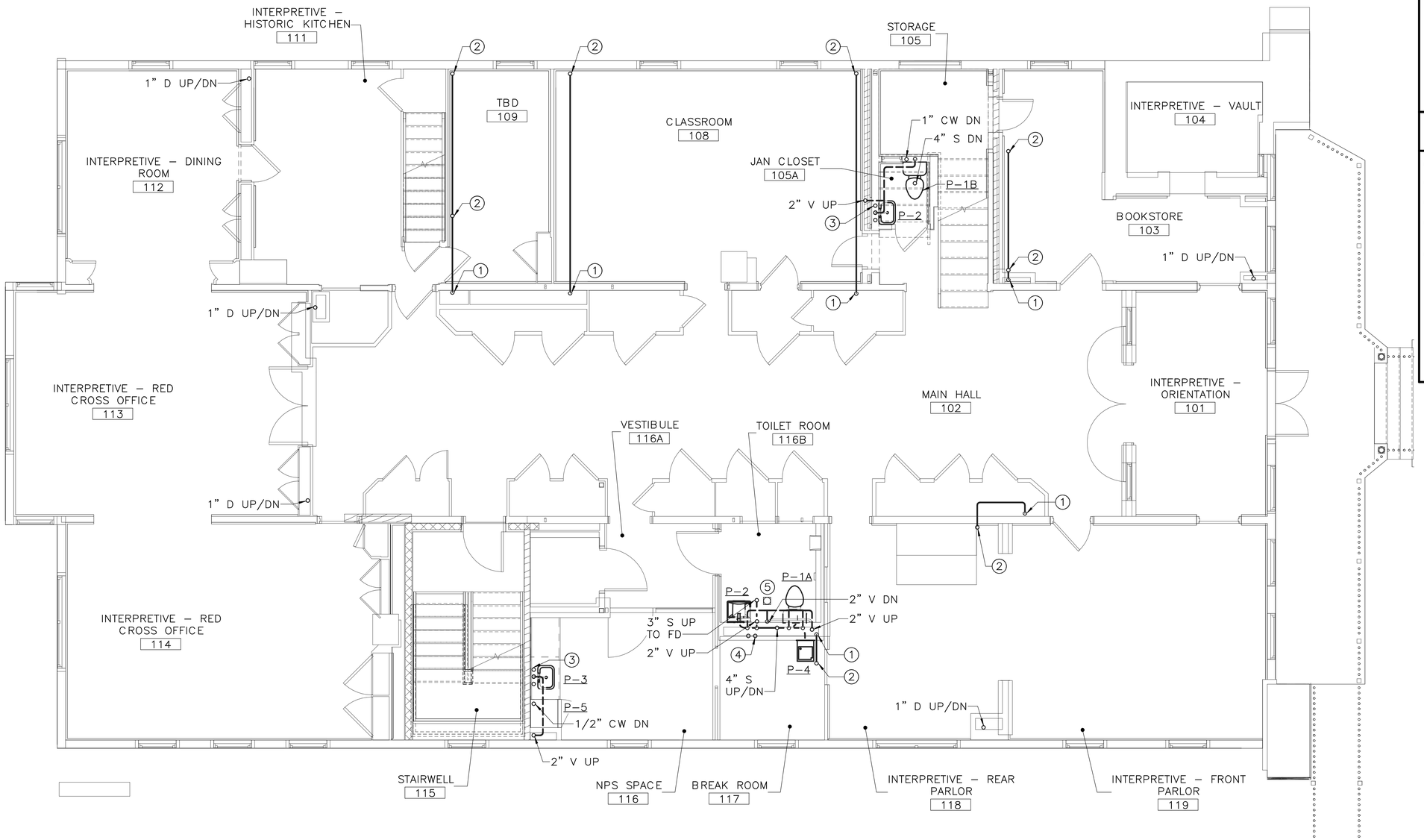
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) MOUNT ON 4" HOUSEKEEPING PAD
(2) PROVIDE CONDENSATE PUMP CP-1
(3) EX SUMP PIT. PROVIDE PUMP-2 IN EX SUMP PIT
(4) EX 6" F. SEE FIRE PROTECTION DRAWINGS FOR CONTINUATION.
(5) 1/2" CW UP, 1-1/2" S UP, 1/2" HW UP TO LAV
(6) 1/2" CW UP, 1-1/2" S UP, 1/2" HW UP TO SINK
(7) 2" CW UP, 1/2" HW UP
(8) TERMINATE 1" D
(9) 1" D UP
(10) 1" CO
(11) 0.5 GPM

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO | TITLE OF SHEET: BASEMENT - PLUMBING - NEW WORK | DRAWING NO. 895 179603 |
| CADD MAV | P1.0 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:41:02 AM




1 / P1.1 FIRST FLOOR – PLUMBING – NEW WORK PLAN
SCALE Ⓐ

SCALE OF FEET
4 0 4 8

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

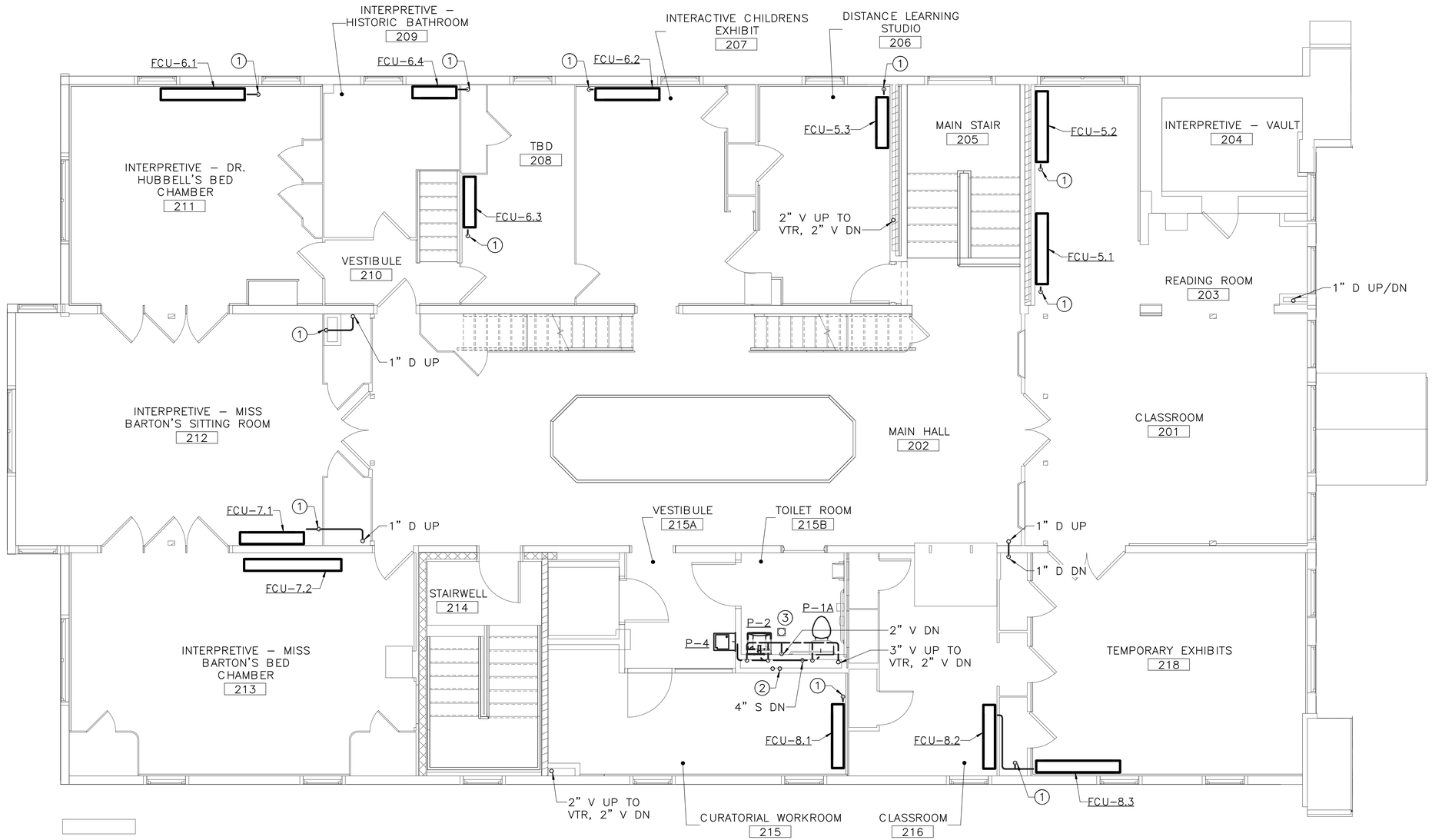
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

① 1" D DN
② 1" D UP
③ 1/2" CW DN, 1–1/2" S DN, 1/2" HW DN
④ 2" CW UP/DN, 1/2" HW UP/DN. CONNECT TO (1) LAV, (1) WC, (1) DWC
⑤ 3" FD–1

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. P1.1 | TITLE OF SHEET: FIRST FLOOR - PLUMBING - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:41:07 AM




1 / P1.2 SECOND FLOOR – PLUMBING – NEW WORK PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.

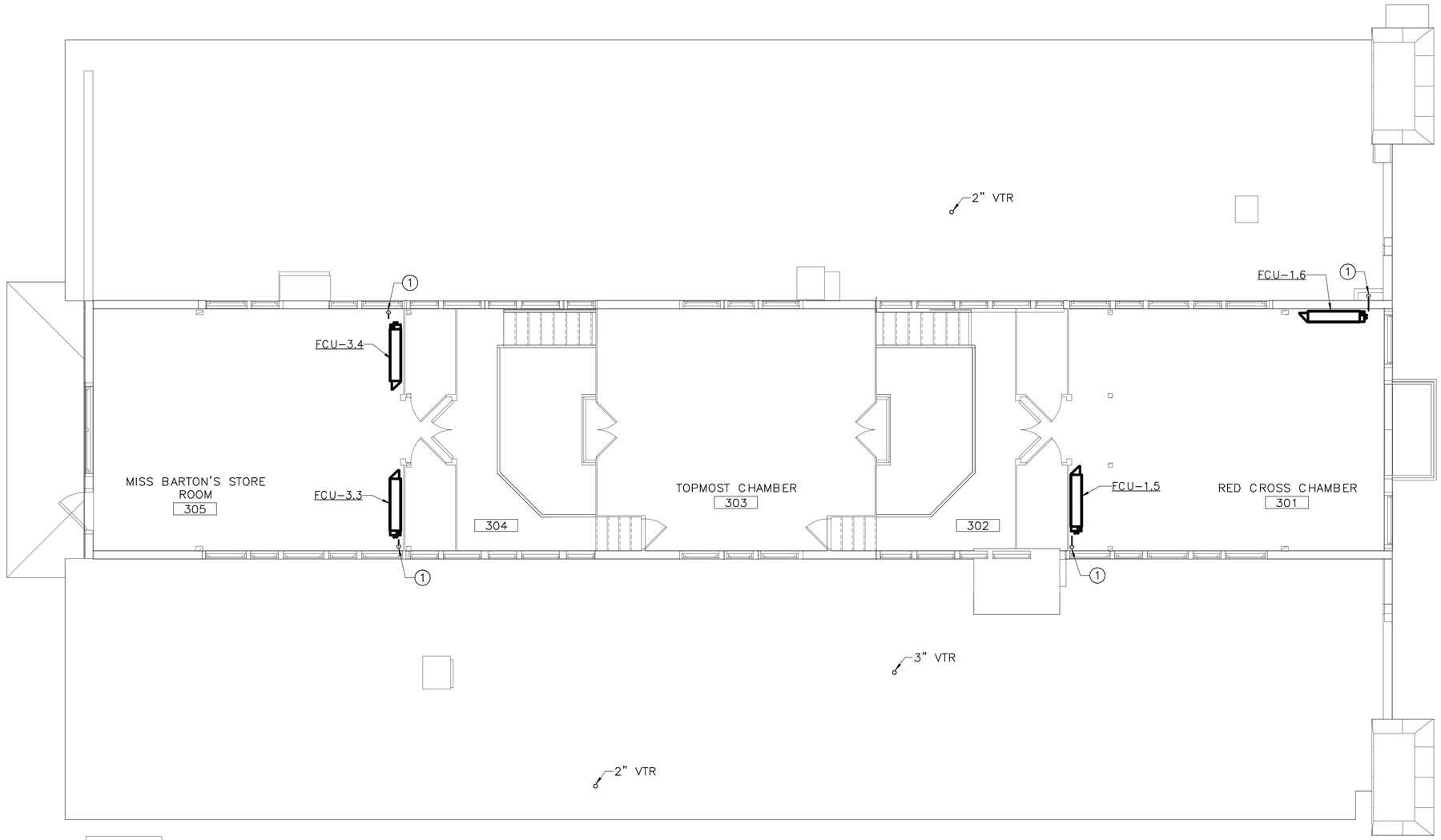
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) 1" D DN
(2) 2" CW DN, 1/2" HW DN. CONNECT TO (1) LAV, (1) WC, (1) DWC
(3) 3" FD-1

4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. P1.2 | TITLE OF SHEET: SECOND FLOOR - PLUMBING - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:41:12 AM




1 / P1.3 THIRD FLOOR – PLUMBING – NEW WORK PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.

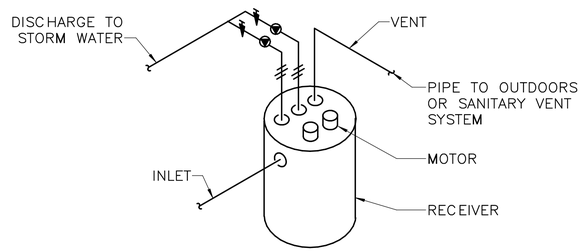
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) 1" D DN
(2) NOT USED

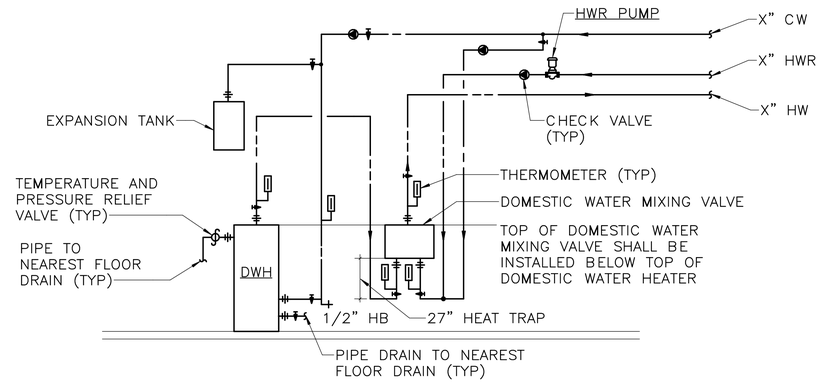
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SCALE OF FEET

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|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO. P1.3 | TITLE OF SHEET: THIRD FLOOR - PLUMBING - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAFTED: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

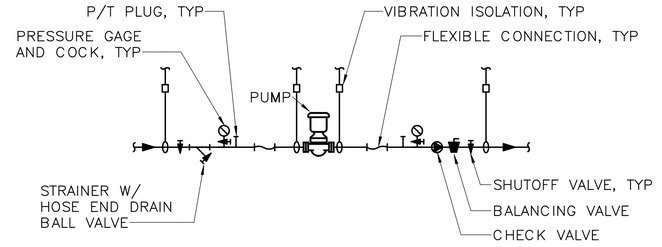
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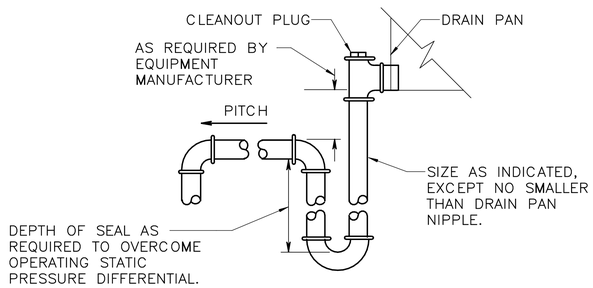

SUMP PUMP




DOMESTIC WATER HEATER PIPING




IN-LINE CIRCULATOR




FCU CONDENSATE DRAIN TRAP

| | | | |
|---|---|---|---|
| DESIGNED: CEL<br>DRAWN: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO. P5.1 | TITLE OF SHEET<br>**PLUMBING DETAILS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

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|---|---|---|---|
| DESIGNED: CEL<br>ADD MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO. P6.1 | TITLE OF SHEET<br>**PLUMBING RISER DIAGRAMS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603<br>PMIS/PKG NO. 312325<br>SHEET ___ OF X |

TO BE DEVELOPED NEXT SUBMISSION

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|---|---|---|---|
| DESIGNED: CEL<br>ADD MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO.<br>P6.2 | TITLE OF SHEET<br>**PLUMBING RISER DIAGRAMS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO.<br>895<br>179603<br>PMIS/PKG NO.<br>312325<br>SHEET<br>___ OF X |

GENERAL NOTES: (APPLICABLE TO ALL PLUMBING SCHEDULES)

1. UNIT NUMBERS ARE INDICATED WHERE ALL UNITS ARE LISTED AND NUMBERED INDIVIDUALLY.
2. UNIT SYMBOLS ARE INDICATED WHERE ALL UNITS ARE NOT LISTED AND NUMBERED INDIVIDUALLY.
3. UNIT TYPES ARE DESCRIBED IN THE SPECIFICATIONS.
4. TEMPERATURE VALUES ARE LISTED IN DEGREES FAHRENHEIT.
5. FLUID PRESSURE VALUES ARE LISTED IN FEET OF WATER GAGE.
6. PIPE SIZES ARE LISTED IN SINGLE–NUMBER INCHES OF NOMINAL DIAMETER OR MULTIPLE NUMBER INCHES OF INDICATED PARAMETER. CONNECTION SIZES ARE BRANCH SIZES FROM MAINS TO UNIT INLETS. SINGLE PIPE SIZE IS TYPICAL FOR SUPPLY AND RETURN.

## PUMPS – CONDENSATE

| UNIT NO | TYPE | LOCATION | SERVICE | FLUID | | | MOTOR | ELECTRICAL | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | GPM | FPD | HP | V | PH | |
| CP–1 | | BASEMENT | CONDENSATE | WATER | 0.25 | 15 | 1/50 | 115 | 1 | |

## PLUMBING FIXTURES

| UNIT SYMBOL (NOTE 1) | FIXTURE | CW (NOTE 2) | HW (NOTE 2) | TW (NOTE 2) | SAN (NOTE 2) | VENT (NOTE 3) | NOTES |
|---|---|---|---|---|---|---|---|
| P–1A | WATER CLOSET – WALL MOUNTED | 1 | – | – | 4 | 2 | |
| P–1B | WATER CLOSET – FLOOR MOUNTED | 1 | – | – | 4 | 2 | |
| P–2 | LAVATORY – WALL MOUNTED | 1/2 | 1/2 | – | 1–1/2 | 1–1/2 | |
| P–3 | SINGLE COMPARTMENT SINK | 1/2 | 1/2 | – | 1–1/2 | 1–1/2 | |
| P–4 | DRINKING WATER COOLER | 1/2 | – | – | 1–1/2 | 1–1/2 | |
| P–5 | ICE MAKER BOX | 1/2 | – | – | – | – | |

NOTES FOR PLUMBING FIXTURE SCHEDULES:
1. PLAN DESIGNATION MAY INCLUDE LETTER(S) FOR DIFFERENT FEATURES OR "WC" TO DESIGNATE MOUNTING HEIGHT FOR WHEELCHAIR USE. PIPING CONNECTION SIZES ARE THE SAME FOR ALL FIXTURES WITH THE SAME NUMBER DESIGNATION.
2. PIPING CONNECTION SIZES ARE BRANCH SIZES WHICH SHALL BE TO FIXTURE ROUGH–IN LOCATION. PROVIDE ADAPTER WHERE PIPE CONNECTION SIZE AT FIXTURE IS DIFFERENT THAN ROUGH IN SIZE.
3. INDIVIDUAL VENT PIPE SIZE SHALL BE FROM FIXTURE DRAIN OR DRAINAGE FITTING TO BRANCH VENT OR VENT STACK, EXCEPT WHERE INDICATED ON DRAWINGS.

## DOMESTIC WATER HEATERS

| UNIT NO | LOCATION | SERVICE | CAPACITY (GAL) | EWT | LWT | RECOVERY GPH | ELECTRICAL | | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | KW | V | PH | |
| DWH–1 | BASEMENT | DOMESTIC HOT WATER | 40 | 40 | 140 | 16 | 4 | 240 | 1 | |

## EXPANSION TANKS – PLUMBING

| UNIT NO | LOCATION | SERVICE | TANK VOLUME (GAL) | ACCEPTANCE VOLUME (GAL) | APPROX SIZE (DxL) | INITIAL CHARGE (PSI) | PIPE SIZE TANK CONNECTION | NOTES |
|---|---|---|---|---|---|---|---|---|
| ET–1 | BASEMENT | DOMESTIC HOT WATER | 2 | 1.5 | 8x14 | 60 | 3/4 | |

## PUMPS – PLUMBING

| UNIT NO | TYPE | LOCATION | SERVICE | FLUID | | | | MOTOR | | | ELECTRICAL | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE | GPM | HEAD | TEMP | HP | BHP | RPM | V | PH | |
| PUMP–1 | C | BASEMENT | HOT WATER RECIRC | WATER | 4 | 8 | 110 | 0.125 | – | 3500 | 120 | 1 | |
| PUMP–2 | K | BASEMENT | SUMP PIT | WATER | 75 | 15 | – | 0.74 | – | 1750 | 120 | 1 | |

## MIXING VALVES

| UNIT NO | LOCATION | SERVICE | MINIMUM GPM | MAXIMUM GPM | PSI PRESSURE DROP ACROSS VALVE | CW/HW INLET | HW OUTLET | DISCHARGE TEMPERATURE (DEGREES F) | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| MV–1 | BASEMENT | DOMESTIC HOT WATER | 0.5 | 14 | 10 | 3/4 | 3/4 | 120 | |

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO | TITLE OF SHEET | DRAWING NO. 895 179603 |
| CADD MAV | P8.1 | PLUMBING SCHEDULES | PMIS/PKG NO. 312325 |
| TECH. REVIEW CEL | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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## ELECTRICAL LEGEND

| SYMBOL | DESCRIPTION | MOUNTING HEIGHT |
|---|---|---|
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (NOMINAL 2X2) | -- |
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (NOMINAL 1X4) | -- |
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (INDUSTRIAL) | -- |
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (WALL SCONCE) | AS NOTED |
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (RECESSED OR CEILING MOUNTED) | -- |
| | LUMINAIRE - EXISTING LUMINAIRE TO BE RE-LAMPED AND RE-WIRED | -- |
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (WALL MOUNTED) | AS NOTED |
| | LUMINAIRE - SEE SCHEDULE FOR TYPE (TRACK MOUNTED) | -- |
| | EMERGENCY LUMINAIRE, BATTERY POWERED - SEE SCHEDULE FOR TYPE | - - / 90" |
| | ILLUMINATED EXIT SIGN, SINGLE FACE - SEE SCHEDULE FOR TYPE (ARROW INDICATED DIRECTIONAL CHEVRON) (CEILING/WALL MOUNTED) | - - / 90" |
| | ILLUMINATED EXIT SIGN, DOUBLE FACE - SEE SCHEDULE FOR TYPE (CEILING/WALL MOUNTED) | - - / 90" |
| $ | SINGLE POLE TOGGLE SWITCH | 46" |
| $3 | THREE-WAY TOGGLE SWITCH | 46" |
| $OS | OCCUPANCY SENSOR SWITCH | 46" |
| $OSD | OCCUPANCY SENSOR SWITCH WITH 0-10V DIMMING | 46" |
| $LV1 | LIGHTING CONTROL SYSTEM - LOW VOLTAGE SWITCH FOR ONE ZONE, ON/OFF CONTROL. | 46" |
| $LV1D | LIGHTING CONTROL SYSTEM - LOW VOLTAGE SWITCH FOR ONE ZONE, ON/OFF AND UP/DOWN DIMMING. | 46" |
| $LV2D | LIGHTING CONTROL SYSTEM - LOW VOLTAGE SWITCH FOR TWO ZONES, ON/OFF AND UP/DOWN DIMMING. | 46" |
| R | RELAY | -- |
| RPF | LIGHTING CONTROL SYSTEM - RELAY PACK | -- |
| RPE | LIGHTING CONTROL SYSTEM - RELAY PACK FOR EMERGENCY, UL924 | -- |
| RPD | LIGHTING CONTROL SYSTEM - RELAY PACK FOR DIMMING 0-10V LOADS | -- |
| RPDE | LIGHTING CONTROL SYSTEM - RELAY PACK FOR DIMMING 0-10V LOADS, AND EMERGENCY | -- |
| PC | PHOTOCELL CONTROLLER (WALL AND CEILING MOUNTED) | -- |
| GWY | LIGHTING CONTROL SYSTEM - GATEWAY (MAIN HEADEND CONTROLLER) | 46" |
| OS | OCCUPANCY SENSOR (CEILING AND WALL MOUNTED)<br>SUBSCRIPTS:<br>DT: DUAL TECHNOLOGY (DEFAULT IF NO SUBSCRIPT INDICATED)<br>U: ULTRASONIC<br>P: PASSIVE INFRARED | - - / 92" |
| (SIMPLEX)<br>(DUPLEX)<br>(QUAD) | RECEPTACLE - NEMA CONFIGURATION 5-20R (SHADING INDICATES CONNECTED TO EMERGENCY/STANDBY POWER CIRCUIT)<br>SUBSCRIPTS:<br>GFI: WITH 5mA GROUND FAULT INTERRUPTER<br>IG: ISOLATED GROUND TYPE<br>SPD: INTEGRAL SURGE PROTECTION AND INDICATOR LIGHT<br>TR: TAMPER-RESISTANT<br>EXP: EXPLOSION PROOF<br>WP: WEATHER-RESISTANT RECEPTACLE WITH WEATHERPROOF WHILE-IN-USE COVER | 18" |
| J | JUNCTION BOX (CEILING AND WALL MOUNTED) | - - / AS NOTED |
| $M | FRACTIONAL HORSEPOWER MANUAL MOTOR SWITCH | 46" |
| | MOTOR | -- |
| | SAFETY SWITCH | 60" TO TOP |
| | PANELBOARD | 78" TO TOP |
| SPD | SURGE PROTECTIVE DEVICE | 60" TO TOP |
| FS | FIRE ALARM SYSTEM - SPRINKLER FLOW DETECTION SWITCH | -- |
| TS | FIRE ALARM SYSTEM - VALVE WITH TAMPER DETECTION SWITCH | -- |

## ELECTRICAL LEGEND (CONTINUED)

| SYMBOL | DESCRIPTION | MOUNTING HEIGHT |
|---|---|---|
| | TELEPHONE OUTLET, WALL MOUNTED | 18" |
| | DATA OUTLET, WALL MOUNTED | 18" |
| | COMBINATION TELEPHONE/DATA OUTLET, WALL MOUNTED | 18" |
| | TELEPHONE TERMINAL BACKBOARD | -- |
| | GROUNDING SYSTEM - GROUND CONNECTION | -- |
| | MOLDED CASE CIRCUIT BREAKER (600V AND BELOW) | -- |
| | FIXED CURRENT TRANSFORMER WITH TURN RATIO | -- |
| | CURRENT LIMITING FUSE (600V AND BELOW) | -- |
| | DISCONNECT SWITCH (600V AND BELOW) | -- |
| KW | KILOWATT METER (KWH = KILOWATT HOURS) | -- |
| | TRANSFORMER | -- |
| | GROUNDING SYSTEM WYE GROUNDED NEUTRAL WINDING | -- |
| | DELTA WINDING | -- |

NOTES: (APPLICABLE TO ELECTRICAL LEGEND ONLY)

1. THE MOUNTING HEIGHTS GIVEN ON THIS SHEET IN THE ELECTRICAL LEGEND ARE GENERAL AND SHALL BE USED ONLY WHEN MOUNTING HEIGHTS CANNOT BE ESTABLISHED BY REFERENCE TO DETAILS, ELEVATIONS, AND NOTES ON THE DRAWINGS.
2. ALL MOUNTING HEIGHTS, UNLESS OTHERWISE NOTED, SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET OR DEVICE.
3. HEIGHTS OF ALL ITEMS NOT COVERED BY THE ELECTRICAL LEGEND AND NOT SHOWN ON THE DRAWINGS SHALL BE AS DIRECTED BY THE CONTRACTING OFFICER.
4. WHERE PLACING ANY ITEM AT THE HEIGHTS LISTED OR NOTED WILL CAUSE INTERFERENCE WITH THE WORK OF OTHER TRADES, OR IS NOT PHYSICALLY POSSIBLE OR DESIRABLE FOR ONE REASON OR ANOTHER, THE ITEM SHALL BE INSTALLED AT A LOCATION APPROVED BY THE CONTRACTING OFFICER.

## ELECTRICAL ABBREVIATIONS

| | |
|---|---|
| A | AMPERE |
| ACH | ABOVE CABINET HEIGHT |
| ACU | AIR CONDITIONING UNIT |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AHU | AIR HANDLING UNIT |
| AIC | AMPERE INTERRUPTING CAPACITY |
| AL | ALUMINUM |
| ASYM | ASYMMETRICAL |
| C | CONDUIT |
| CB | CIRCUIT BREAKER |
| CKT | CIRCUIT |
| CT | CURRENT TRANSFORMER |
| CU | COPPER |
| CX | CONNECT TO EXISTING |
| DP | DISTRIBUTION PANEL |
| DT | DOUBLE THROW |
| DWC | DRINKING WATER COOLER |
| DWG | DRAWING |
| E | EMERGENCY |
| EQUIP | EQUIPMENT |
| ETR | EXISTING TO REMAIN |
| EWH | ELECTRIC WATER HEATER |
| EX | EXISTING |
| F | FUSED OR FUSIBLE |
| FDR | FEEDER |
| GEC | GROUNDING ELECTRODE CONDUCTOR |
| GFI | GROUND FAULT INTERRUPTER |
| GFEP | GROUND FAULT EQUIPMENT PROTECTION |
| GW | GROUND WIRE |
| HOA | HAND–OFF–AUTOMATIC |
| HP | HORSE POWER |
| HPU | HEAT PUMP UNIT |
| HV | HIGH VOLTAGE |
| HZ | HERTZ |
| IG | ISOLATED GROUND |
| JB | JUNCTION BOX |
| KCMIL | THOUSAND CIRCULAR MILS |
| KV | KILO–VOLTS |
| KVA | KILO–VOLT–AMPERE |
| KW | KILOWATTS |
| LAD | LOCATE AS DIRECTED |
| LC | LOAD CENTER |
| LP | LIGHTING PANEL |
| LV | LOW VOLTAGE |
| LSI | LONG TIME, SHORT TIME, INSTANTANEOUS |
| LSIG | LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND– FAULT |
| MCB | MAIN CIRCUIT BREAKER |
| MCC | MOTOR CONTROL CENTER |
| MDP | MAIN DISTRIBUTION PANEL |
| MH | MANHOLE |
| M/L | MAIN LUGS |
| MOA | MULTI OUTLET ASSEMBLY |
| MSP | MOTOR STARTER PANEL |
| MTD | MOUNTED |
| MV | MEDIUM VOLTAGE |
| NC | NORMALLY CLOSED |
| NF | NON–FUSED |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| OCP | OVERCURRENT PROTECTION |
| OH | OVERHEAD |
| OHE | OVERHEAD ELECTRIC |
| P | POLE(1P., 2P., 3P.) |
| PB | PUSH BUTTON |
| PH | PHASE |
| PL | PILOT LIGHT |
| PP | POWER PANEL |
| PT | POTENTIAL TRANSFORMER |
| PVC | POLYVINYL CHLORIDE |
| R | RACEWAY |
| RCS | REMOTE CONTROL SWITCH |
| RP | RECEPTACLE PANEL |
| RX | REMOVE EXISTING |
| SN | SOLID NEUTRAL |
| SS | SAFETY SWITCH |
| ST | SINGLE–THROW |
| SW | SWITCH |
| SWBD | SWITCHBOARD |
| SWGR | SWITCHGEAR |
| SYM | SYMMETRICAL |
| TS | TIE SWITCH |
| TTB | TELEPHONE TERMINAL BOARD |
| TYP | TYPICAL |
| UE | UNDERGROUND ELECTRIC |
| UH | UNIT HEATER |
| UON | UNLESS OTHERWISE NOTED |
| UT | UNDERGROUND TELECOM |
| V | VOLTS |
| W | WIRE |
| WP | WEATHER PROOF |
| XFMR | TRANSFORMER |

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.: E0.1 | TITLE OF SHEET: ELECTRICAL COVER SHEET<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603<br>PMIS/PKG: 312325<br>SHEET: ___ o X |

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## GENERAL ELECTRICAL NOTES
(APPLICABLE TO ALL ELECTRICAL DRAWINGS)

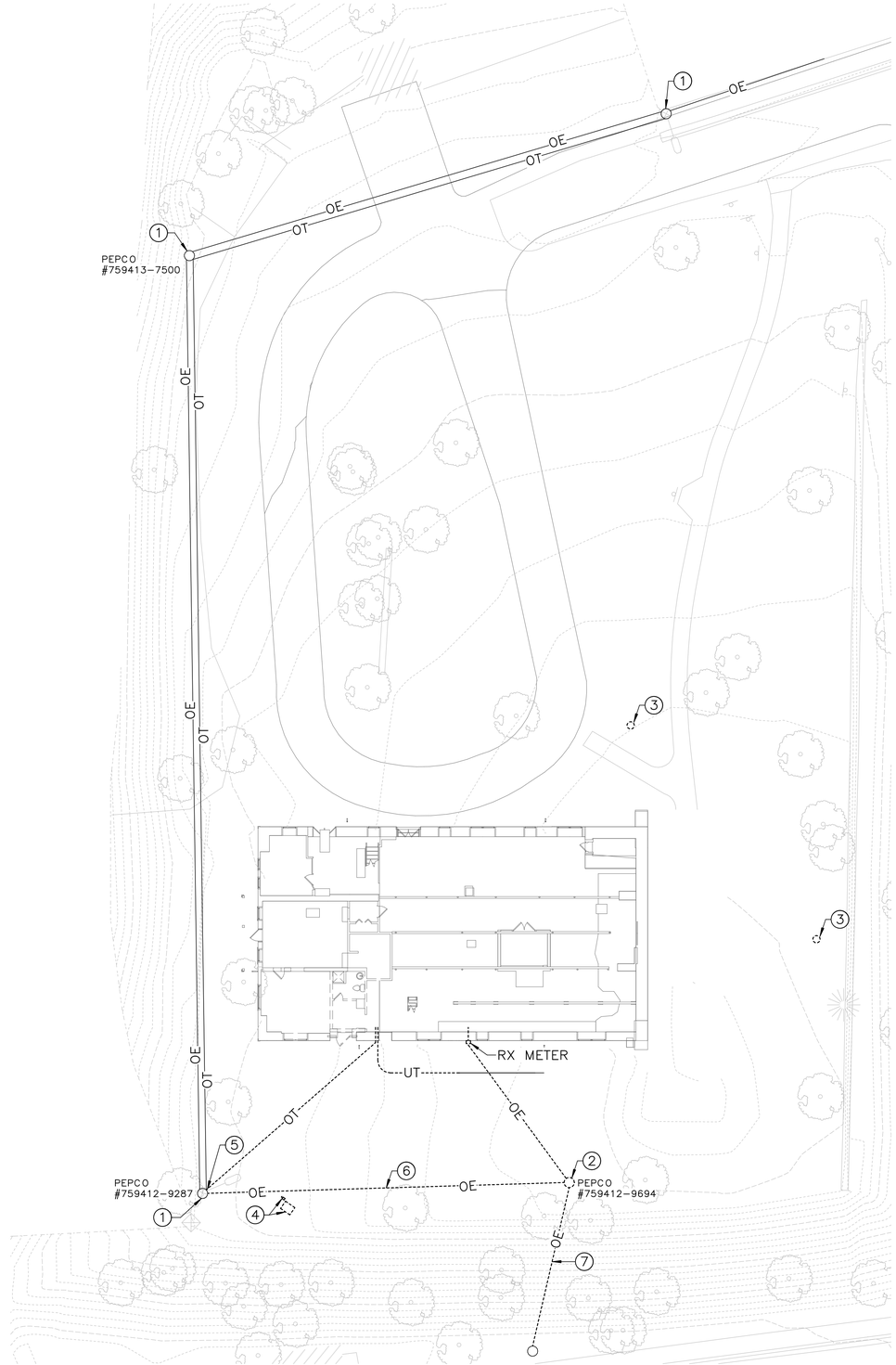
1. PROVIDE LABOR, MATERIALS, TOOLS, EQUIPMENT, COORDINATION, DELEGATED DESIGN AND INCIDENTALS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM.
2. PERFORM WORK AS REQUIRED BY APPLICABLE CODES, REGULATIONS AND LAWS OF LOCAL, STATE AND FEDERAL GOVERNMENTS AND OTHER AUTHORITIES WITH LAWFUL JURISDICTION.
3. MATERIAL AND EQUIPMENT SHALL BE LISTED AND LABELED BY NATIONALLY RECOGNIZED TESTING LABORATORIES FOR INTENDED SERVICE.
4. GIVE NOTICES, FILE PLANS, OBTAIN PERMITS AND LICENSES, PAY FEES AND BACK CHARGES, AND OBTAIN NECESSARY APPROVALS FROM AUTHORITIES THAT HAVE JURISDICTION.
5. MAINTAIN RECORD DRAWINGS ON SITE. RECORD SET SHALL BE COMPLETE, CURRENT, AND AVAILABLE UPON REQUEST.
6. SUBMIT FOR APPROVAL, SHOP DRAWINGS FOR EQUIPMENT AND MATERIALS USED ON PROJECT. OBTAIN APPROVAL BY ENGINEER PRIOR TO PURCHASE OF EQUIPMENT AND MATERIALS.
7. REPAIR OR REPLACE DAMAGE TO FACILITIES AND EQUIPMENT AT NO ADDITIONAL EXPENSE TO OWNER.
8. PATCH AND REPAIR DISTURBED AREAS TO MATCH ADJACENT SURFACES AND FINISHES.
9. PROVIDE TEMPORARY POWER AND LIGHTING FOR OTHER TRADES AS REQUIRED TO COMPLETE PROJECT IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
10. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. PROVIDE COMPONENTS INDICATED ON RISER DIAGRAMS WHETHER OR NOT INDICATED ON PLANS, AND VICE VERSA.
11. LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND REQUIRE COORDINATION WITH OTHER TRADES. ROUTING OF CONDUIT IS DIAGRAMMATIC IN NATURE AND NOT INTENDED TO SHOW REQUIRED OFFSETS AND DETAILS. OBTAIN DRAWINGS AND SPECIFICATIONS FROM OTHER TRADES AND COORDINATE WITH OTHER TRADES.
12. COORDINATE ELECTRICAL INSTALLATION WITH FIELD CONDITIONS. LOCATIONS SHOWN ARE DIAGRAMMATIC AND MAY REQUIRE ADJUSTMENT IN FIELD.
13. COORDINATE LOCATIONS OF ELECTRICAL DEVICES WITH ARCHITECTURAL [ELEVATIONS,] [CASEWORK DETAILS,] [AND KITCHEN EQUIPMENT] DRAWINGS PRIOR TO INSTALLATION.
14. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF MECHANICAL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.
15. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE [AND SOUND RATED] WALLS REQUIRING SPECIAL CONSTRUCTION.
16. PERMANENTLY LABEL NEW ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, DEVICE DESIGNATION AND SUPPLY CIRCUIT DESIGNATION.
17. CORE DRILL CONCRETE WALLS AND FLOORS TO PROVIDE OPENINGS FOR CONDUIT INSTALLATION. PRIOR TO CORE DRILLING, LOCATE REINFORCING BARS IN EXISTING WALLS AND FLOORS USING A NON-DESTRUCTIVE METHOD. COORDINATE AND OBTAIN FINAL APPROVAL OF CORE DRILL LOCATIONS FROM [CONTRACTING OFFICER] [STRUCTURAL ENGINEER]. DO NOT CUT THROUGH EXISTING REINFORCING BARS [WITHOUT APPROVAL OF CONTRACTING OFFICER] [WITHOUT APPROVAL OF STRUCTURAL ENGINEER]. MAXIMUM CORE DRILL SIZE SHALL BE 5-INCH DIAMETER. SPACE CORE DRILL LOCATIONS A MINIMUM OF 6 INCHES FROM EACH OTHER, MEASURED FROM CORE DRILL OPENINGS. PROPERLY SEAL OPENINGS ACCORDING TO LOCATION AND APPLICATION.
18. PROVIDE EACH CIRCUIT WITH A DEDICATED NEUTRAL UNLESS NOTED OTHERWISE.
19. CONDUIT HOMERUNS SHOWN ON DRAWINGS WITH MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE SHOWN DIAGRAMMATICALLY. DO NOT INSTALL MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A SINGLE RACEWAY UNLESS INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
20. PROVIDE FIRESTOPPING FOR ELECTRICAL PENETRATIONS IN FIRE RATED ASSEMBLIES.
21. INSTALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER, RECTILINEAR TO BUILDING STRUCTURE. INSTALL RACEWAYS TIGHT TO STRUCTURAL CEILING AND AS HIGH AS POSSIBLE WITHIN CEILING SPACES TO MAINTAIN MAXIMUM AMOUNT OF CLEAR SPACE BELOW RACEWAY.
22. INSTALL RACEWAYS CONCEALED IN BUILDING FINISHES FOR ALL EXTERIOR MOUNTED DEVICES. DO NOT ROUTE EXPOSED ON BUILDING EXTERIOR.
23. INSTALL RACEWAYS CONCEALED IN WALLS, UNDER FLOORS, ABOVE CEILINGS, ETC., EXCEPT AS FOLLOWS:
    -WHERE SUSPENDED CEILINGS ARE NOT PROVIDED
    -IN VERTICAL SHAFTS, ELECTRICAL CLOSETS, ETC., MECHANICAL AND ELECTRICAL EQUIPMENT SPACES WHERE CONCEALMENT IS NOT PRACTICAL.
    -AT SURFACE-MOUNT PANELBOARDS IN OTHERWISE FINISHED SPACES LIMITED TO VERTICAL RUNS ABOVE AND BELOW PANEL
    -WHERE REQUIRED FOR EQUIPMENT CONNECTIONS
    -WHERE SPECIFICALLY INDICATED ON DRAWINGS
24. OWNER-FURNISHED EQUIPMENT: VERIFY AND COORDINATE ELECTRICAL ROUGH-IN REQUIREMENTS FOR OWNER-FURNISHED EQUIPMENT WITH OWNER PRIOR TO PULLING CONDUCTORS AND MAKING FINAL CONNECTIONS. LACK OF COORDINATION SHALL NOT JUSTIFY CHANGE ORDERS.
25. WHERE SUBMITTED EQUIPMENT REQUIRES REVISION TO OVERCURRENT PROTECTION, CONDUIT, AND WIRING, COORDINATE AND MAKE CHANGE TO PROVIDE A COMPLETE INSTALLATION IN ACCORDANCE WITH APPLICABLE CODES.
26. [PRIOR TO SUBMITTING BID, VISIT SITE AND BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS AND PROPOSED CONSTRUCTION]
27. [COORDINATE WORK WITH PHASES INDICATED ON DRAWINGS OF OTHER TRADES.]
28. PROVIDE NECESSARY SUPPORTING STRUT CHANNEL AND ALL MISCELLANEOUS HARDWARE FOR MOUNTING ELECTRICAL EQUIPMENT. MAINTAIN NEC WORKING CLEARANCES. COORDINATE EXACT LOCATION IN FIELD. DO NOT MOUNT ON EQUIPMENT ACCESS PANELS OR IN EQUIPMENT MANUFACTURER'S RECOMMENDED MAINTENANCE CLEARANCES.

## GENERAL ELECTRICAL DEMOLITION/RENOVATION NOTES
(APPLICABLE TO ALL ELECTRICAL DRAWINGS)

1. THE FACILITY WILL [NOT] REMAIN OCCUPIED DURING RENOVATIONS.
2. MINIMIZE OUTAGES. COORDINATE OUTAGES WITH OWNER. [PERFORM WORK REQUIRING SUSTAINED EQUIPMENT OUTAGE CONTINUOUSLY AROUND THE CLOCK UNTIL WORK IS COMPLETE, UNLESS NOTED OTHERWISE.]
3. PRIOR TO DEMOLITION, FIELD VERIFY CONDUITS, CONDUCTORS, AND CABLES THAT PASS THROUGH AND SERVE AREAS OUTSIDE THE SCOPE OF WORK. MAINTAIN CONTINUITY OF SYSTEMS. PROTECT OR RELOCATE SYSTEMS TO PREVENT DAMAGE. RESTORE SYSTEMS TO NORMAL OPERATION. COORDINATE SYSTEM OUTAGES WITH OWNER.
4. IDENTIFY NONFUNCTIONING EQUIPMENT AND DEVICES TO REMAIN AFTER DEMOLITION. NOTIFY OWNER IN WRITING PRIOR TO DEMOLITION. UPON COMPLETION OF WORK, ENSURE THAT EXISTING EQUIPMENT AND DEVICES OPERATE PROPERLY.
5. IN AREAS REQUIRING THE PERFORMANCE OF WORK OF OTHER TRADES, CAREFULLY DISCONNECT, MAKE SAFE, REMOVE AND STORE ELECTRICAL ITEMS IN PATH OF WORK. REINSTALL AND RECONNECT SAME AFTER COMPLETION OF OTHER TRADE'S WORK. COORDINATE REMOVAL OF EQUIPMENT WITH OTHER TRADES PRIOR TO DEMOLITION.
6. AFTER DEMOLITION VERIFY AND SUPPORT REMAINING CABLES, WIRES, AND CONDUIT IN ACCORDANCE WITH THE APPLICABLE VERSION OF THE NEC. DISCONNECT, MAKE SAFE AND REMOVE ABANDONED AND TEMPORARY WIRE WITHIN SPACE.
7. EXISTING CONDITIONS REFLECT GENERAL OBSERVATIONS AND ARE NOT INTENDED TO INDICATE DETAILS OR DIMENSIONS. NO ATTEMPT HAS BEEN MADE TO SHOW ALL ELECTRICAL EQUIPMENT. VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. NOTIFY [ARCHITECT, ENGINEER] IN WRITING IF CONDITIONS ARE DISCOVERED THAT PREVENT EXECUTION OF WORK.
8. PROTECT REMAINING ELECTRICAL SYSTEMS AND COMPONENTS FROM DAMAGE. REMOVE PROTECTIVE MATERIALS UPON COMPLETION OF WORK.
9. IN AREAS NOTED TO REMOVE ELECTRICAL WORK, REMOVE CONDUITS AND ASSOCIATED SUPPORTS BACK TO POINT OF CONCEALMENT AND REMOVE WIRING BACK TO REMAINING ACTIVE DEVICES OR SOURCE.
10. DISPOSE OF LIGHTING BALLASTS AND CAPACITORS CONTAINING PCB'S, AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA), IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, FEDERAL AND EPA REGULATIONS.
11. PROVIDE OWNER WITH INVENTORY OF MAJOR ELECTRICAL ITEMS TO BE REMOVED. OWNER WILL SELECT ITEMS TO BE SALVAGED. TURN SALVAGED ITEMS OVER TO OWNER. ITEMS REJECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVE DEMOLISHED ITEMS FROM SITE.
12. UPDATE PANELBOARD DIRECTORIES TO INCLUDE MODIFICATIONS BY THIS PROJECT. TRACE CIRCUITS TO IDENTIFY UNLABELED LOADS.
13. REPAIR DISTURBED AREAS TO MATCH EXISTING CONDITIONS.
14. PROVIDE BLANK COVER PLATES FOR DEVICES REMOVED WHEN A REPLACEMENT DEVICE IS NOT INDICATED.
15. MAINTAIN CONTINUITY OF CIRCUITS AND FEEDERS REMAINING AFTER DEMOLITION IN PANELS INDICATED TO BE DEMOLISHED OR REPLACED. EXTEND EXISTING CIRCUITS AND FEEDERS REMAINING AFTER DEMOLITION TO NEW PANELS. CIRCUIT BREAKER, CONDUIT, AND WIRE SHALL MATCH EXISTING TYPES AND SIZES.
16. [PRIOR TO SUBMITTING BID, VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND CHALLENGES THAT WILL AFFECT DEMOLITION AND CONSTRUCTION. REPORT DISCREPANCIES TO OWNER DURING BID PROCESS. ADDITIONAL COMPENSATION WILL NOT BE GRANTED FOR WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS.] *{DESIGNER NOTE: USE FOR PRIVATE PROJECTS ONLY}*
17. [WHERE CIRCUITS ARE REMOVED BACK TO PANELS, REMOVE ASSOCIATED BREAKERS. USE SPACES FOR NEW BREAKERS AND CIRCUITING.] [WHERE CIRCUITS ARE REMOVED BACK TO PANELS, ASSOCIATED BREAKERS WILL BE UTILIZED FOR NEW CIRCUITING.]

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E0.2 | TITLE OF SHEET<br>**ELECTRICAL NOTES**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING<br>895<br>179603<br>PMIS/PKG<br>312325<br>SHEET<br>___ OF X |

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1 E0.3 ELECTRICAL SITE PLAN – DEMOLITION
SCALE A

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

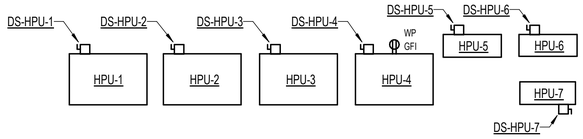
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) ETR UTILITY POLE.
(2) RX UTILITY POLE AND POLE TRANSFORMER (BY PEPCO).
(3) RX GROUND–MOUNTED FLOOD LUMINAIRE AND WIRING BACK TO SOURCE PANELBOARD.
(4) RX HVAC UNIT, DISCONNECT, AND WIRING BACK TO SOURCE PANELBOARD.
(5) RX OVERHEAD TELECOMMUNICATIONS CABLING BACK TO NETWORK BOX ON POLE.
(6) REMOVE APPROXIMATELY 82 FEET OF OH WIRE (BY PEPCO).
(7) REMOVE APPROXIMATELY 40 FEET OF OH WIRE (BY PEPCO).

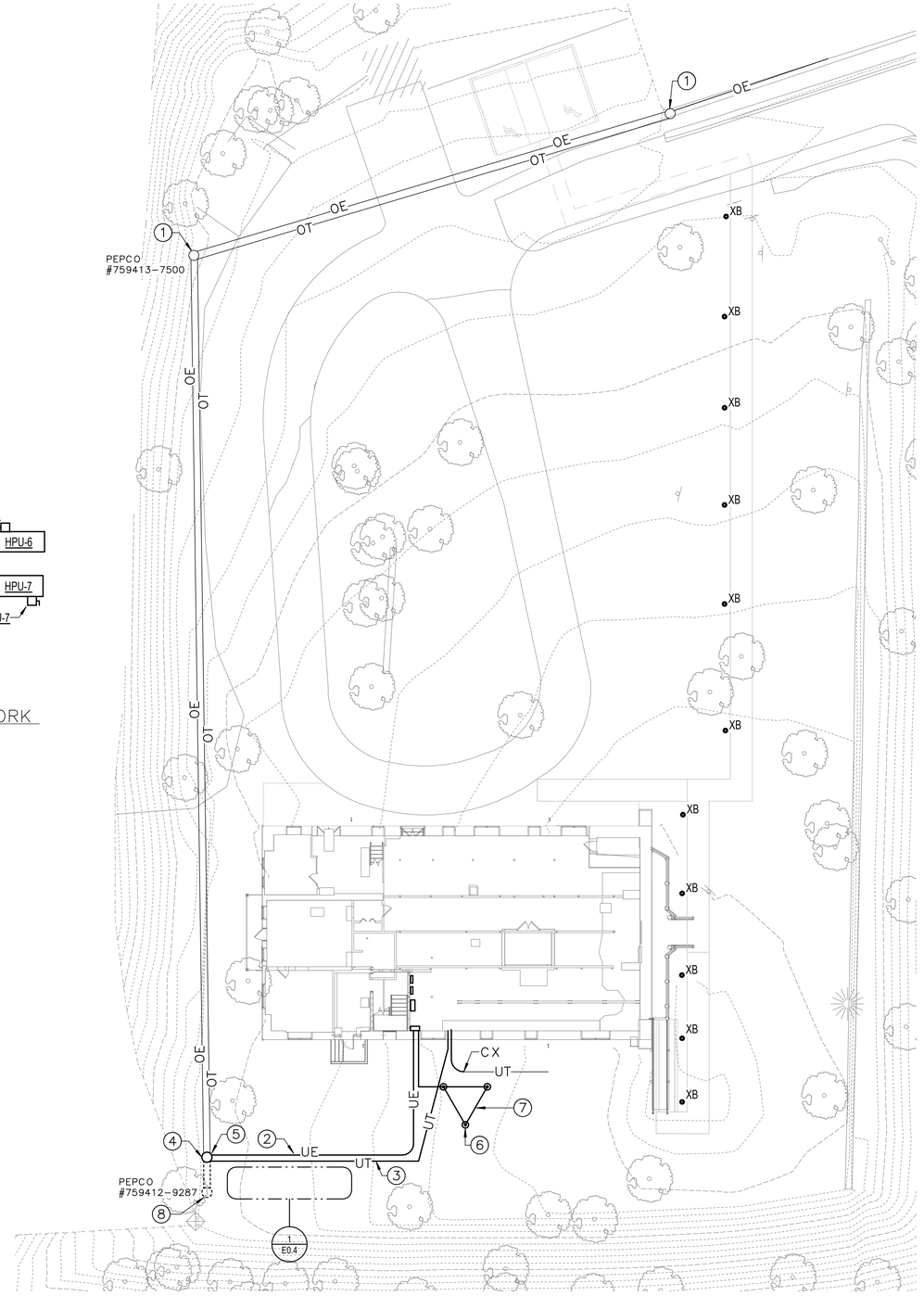
SCALE A
16 0 16 32
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>DRAWN: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO: E0.3 | TITLE OF SHEET: **ELECTRICAL SITE PLAN - DEMOLITION**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 / 179603<br>PMIS/PKG: 312325<br>SHEET: ___ o X |

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1 E0.4 ELECTRICAL SITE PART PLAN – NEW WORK
SCALE (B)




2 E0.4 ELECTRICAL SITE PLAN – NEW WORK
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
3. COORDINATE INSTALLATION OF NEW ELECTRICAL UTILITIES WITH UTILITIES PROVIDED UNDER OTHER DIVISIONS. REFER TO CIVIL, LANDSCAPE, MECHANICAL, AND ARCHITECTURAL SITE PLANS.
4. COORDINATE ELECTRICAL PENETRATIONS THROUGH BUILDING FOUNDATION WALLS WITH STRUCTURAL DIVISION.
5. PERFORM GROUND DISTURBING SITE WORK WITHIN ARCHEOLOGICAL BOUNDARIES IN ACCORDNACE WITH ARCHEOLOGICAL PROTECTION REQUIREMENTS. REFER TO CIVIL DRAWINGS.

## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

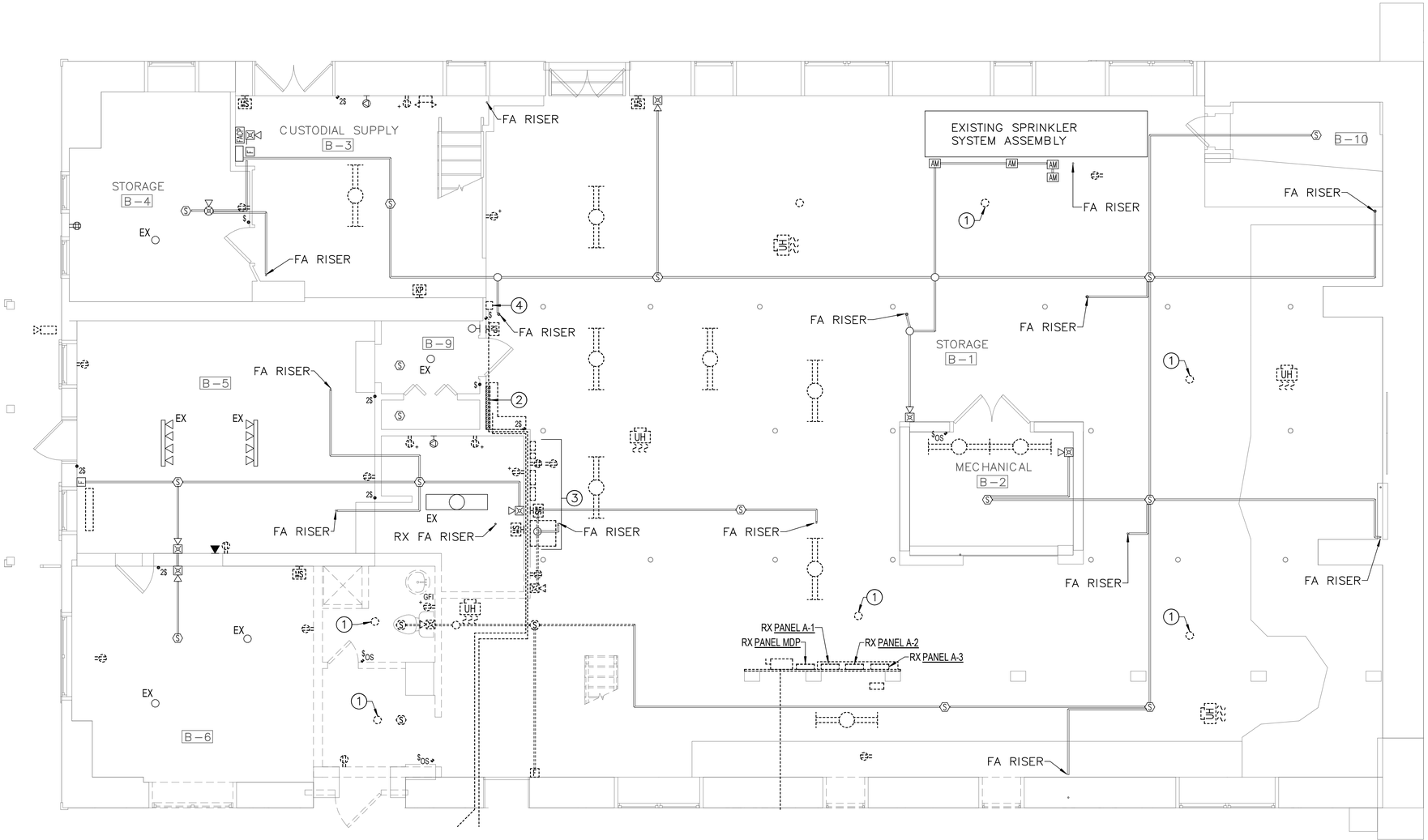
(1) ETR UTILITY POLE.
(2) PROPOSED THREE TRADE SIZE 4" CONDUITS.
(3) PROPOSED ONE TRADE SIZE 4" CONDUIT.
(4) NEW UTILITY COMPANY POLE AND POLE-MOUNTED TRANSFORMER (BY PEPCO).
(5) RELOCATE EXISTING TELECOMMUNICATIONS NETWORK BOX ON NEW POLE.
(6) GROUND ROD, TYPICAL OF 3.
(7) BURY GROUNDING CONDUCTOR 24 INCHES BELOW FINISHED GRADE, MINIMUM. REFER TO GROUNDING DETAILS ON SHEET E5.2 FOR ADDITIONAL GROUNDING REQUIREMENTS.
(8) REMOVE EXISTING UTILITY COMPANY POLE AND LIGHT (BY PEPCO).

SCALE (A) 16 0 16 32 SCALE OF FEET

SCALE (B) 4 0 4 8 SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>DRAWN JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO. E0.4 | TITLE OF SHEET<br>ELECTRICAL SITE PLAN - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895<br>179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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1 ED1.0 BASEMENT – ELECTRICAL DEMOLITION
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

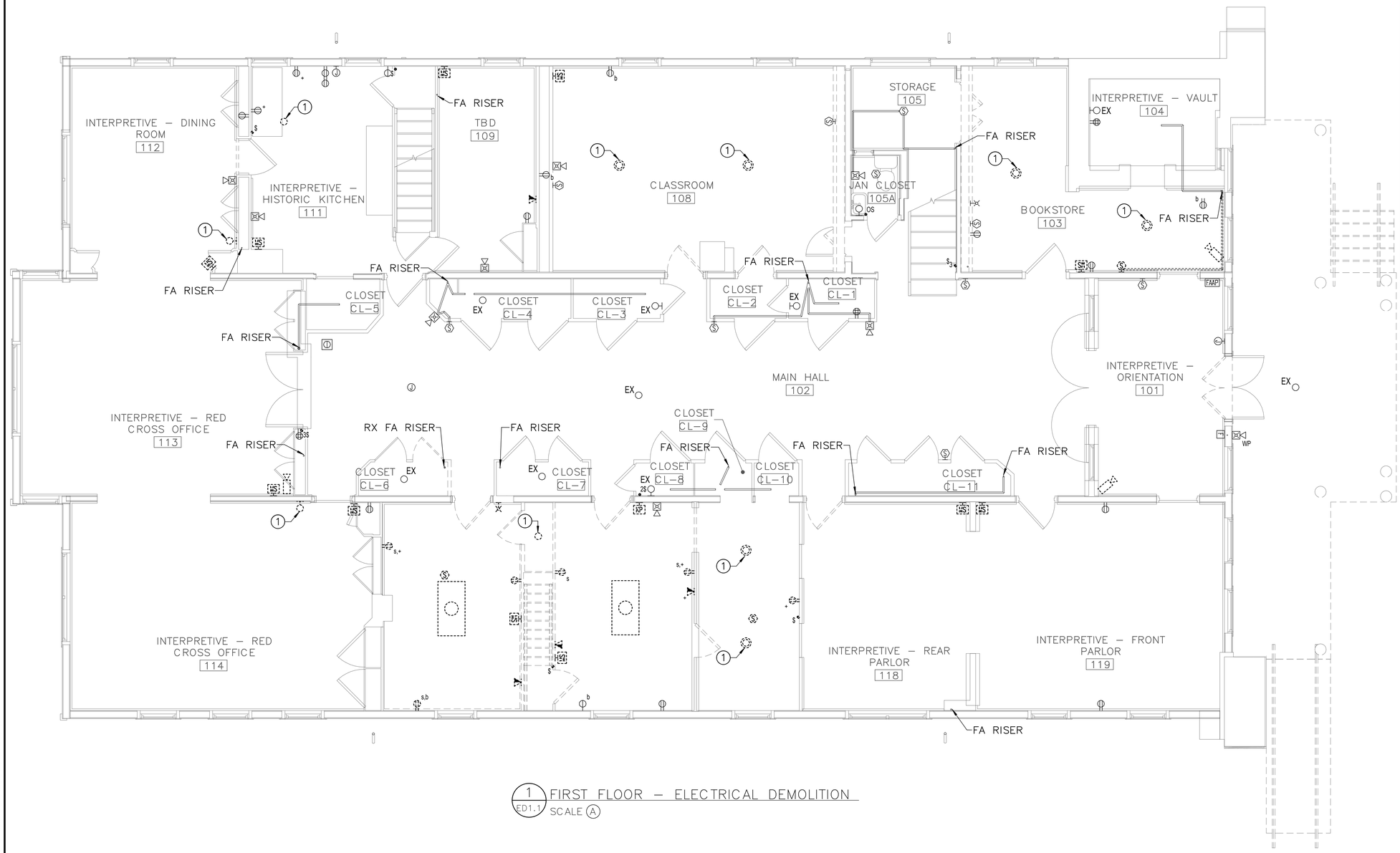
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) RX LIGHT FIXTURE.
(2) RX FIBER, VOICE, AND DATA CONNECTION BOXES AND NETWORK SWITCHES.
(3) RX SECURITY AND ALARM PANELS.
(4) RX TELEPHONE LAND LINE CONNECTIONS.

SCALE (A)
4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>DrADD JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO. ED1.0 | TITLE OF SHEET<br>**BASEMENT ELECTRICAL DEMOLITION**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ OF X |

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1 ED1.1 FIRST FLOOR – ELECTRICAL DEMOLITION
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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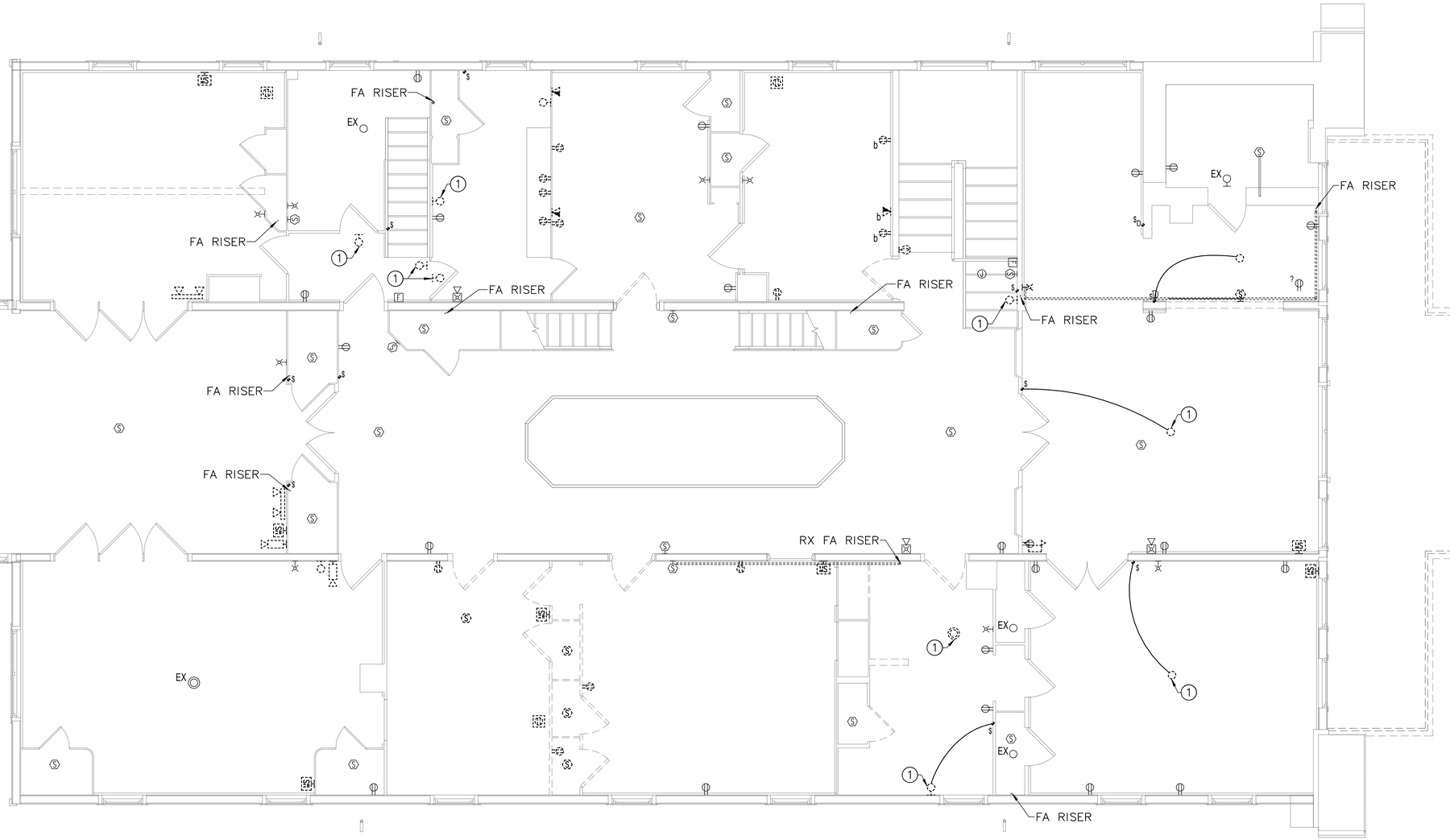
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) RX LIGHT FIXTURE.
(2) XXX

SCALE (A)
4 0 4 8
SCALE OF FEET

| DESIGNE | SUB SHEET NO. | TITLE OF SHEET | DRAWING |
|---|---|---|---|
| JLW | ED1.1 | FIRST FLOOR ELECTRICAL DEMOLITION | 895 179603 |
| CADD JLW | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG 312325 |
| TECH. JST | | | SHEET ___ o X |
| DATE: 1/10/2025 | | | |

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1 ED1.2 SECOND FLOOR – ELECTRICAL DEMOLITION
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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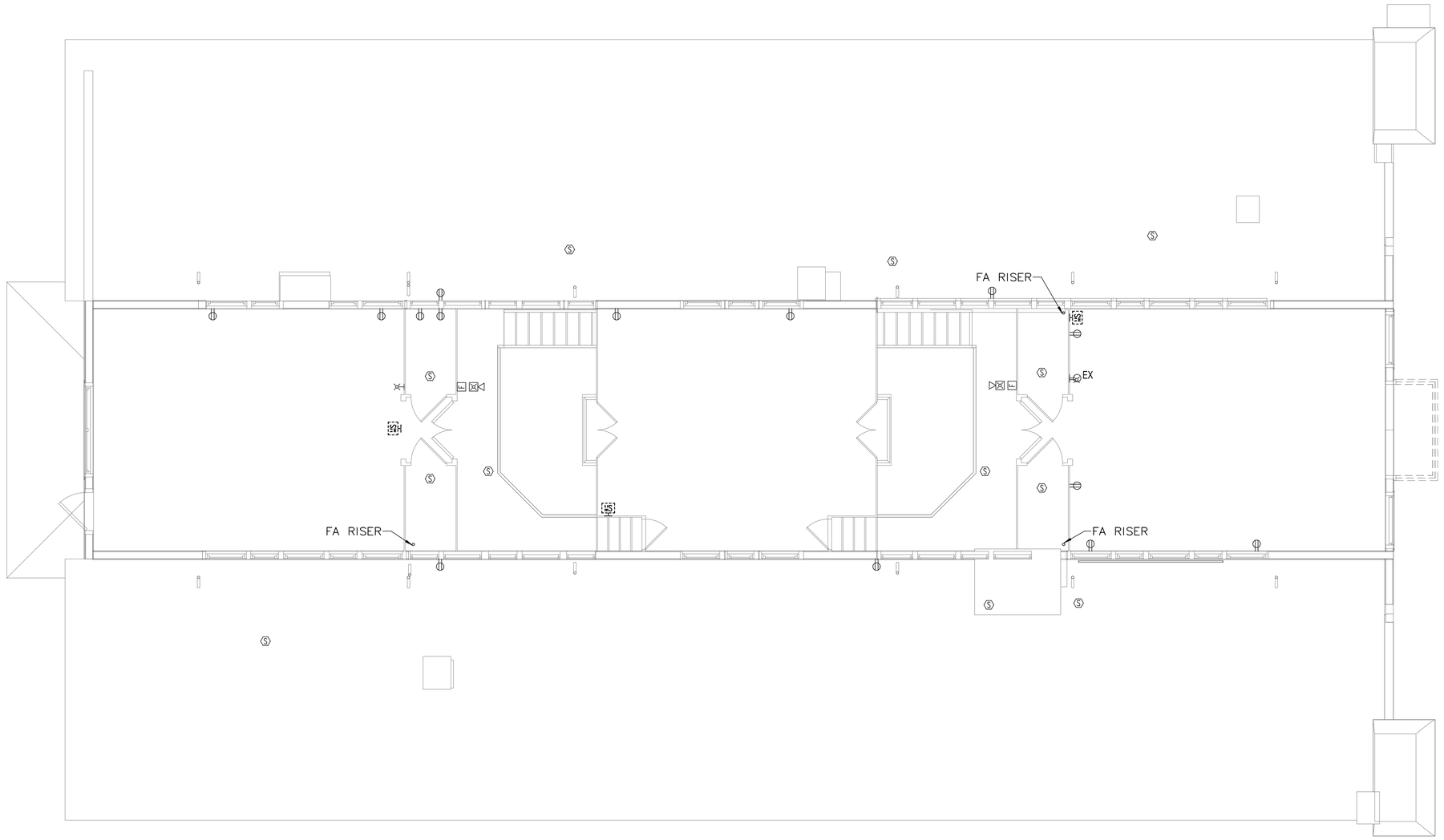
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) RX LIGHT FIXTURE.
(2) XXX

SCALE (A)
4 0 4 8
SCALE OF FEET

| DESIGNE | SUB SHEET NO. | TITLE OF SHEET | DRAWING |
|---|---|---|---|
| JLW | ED1.2 | SECOND FLOOR ELECTRICAL DEMOLITION | 895 179603 |
| DRAWN: JLW | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG 312325 |
| TECH. JST | | | SHEET ___ o X |
| DATE: 1/10/2025 | | | |

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1/9/2025 1:39:58 PM




1 ED1.3 THIRD FLOOR – ELECTRICAL DEMOLITION
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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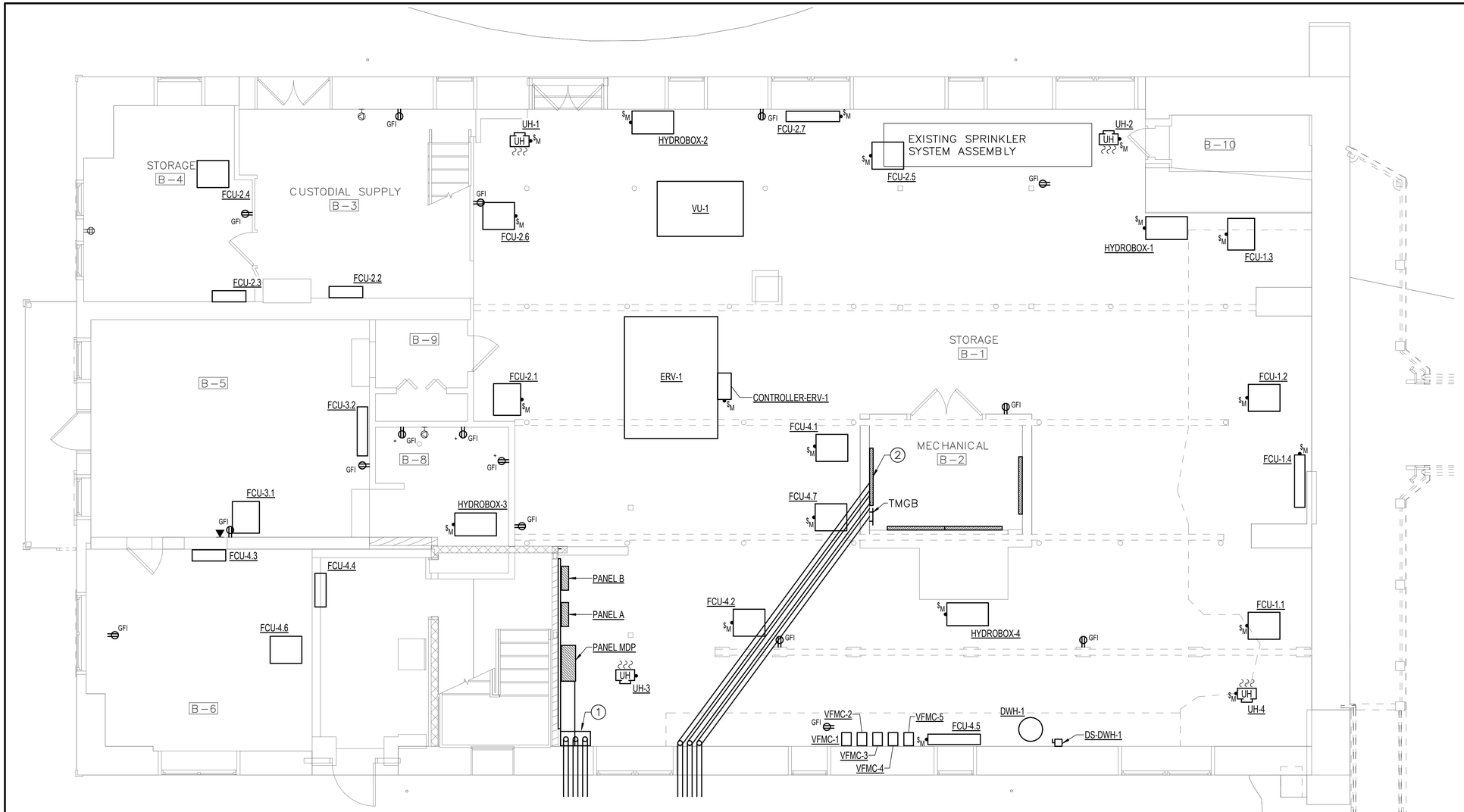
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX

SCALE (A)
4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>ED1.3 | TITLE OF SHEET<br>THIRD FLOOR ELECTRICAL DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ OF X |

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1/9/2025 1:39:58 PM




1 E1.0 BASEMENT – POWER AND COMMUNICATIONS
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

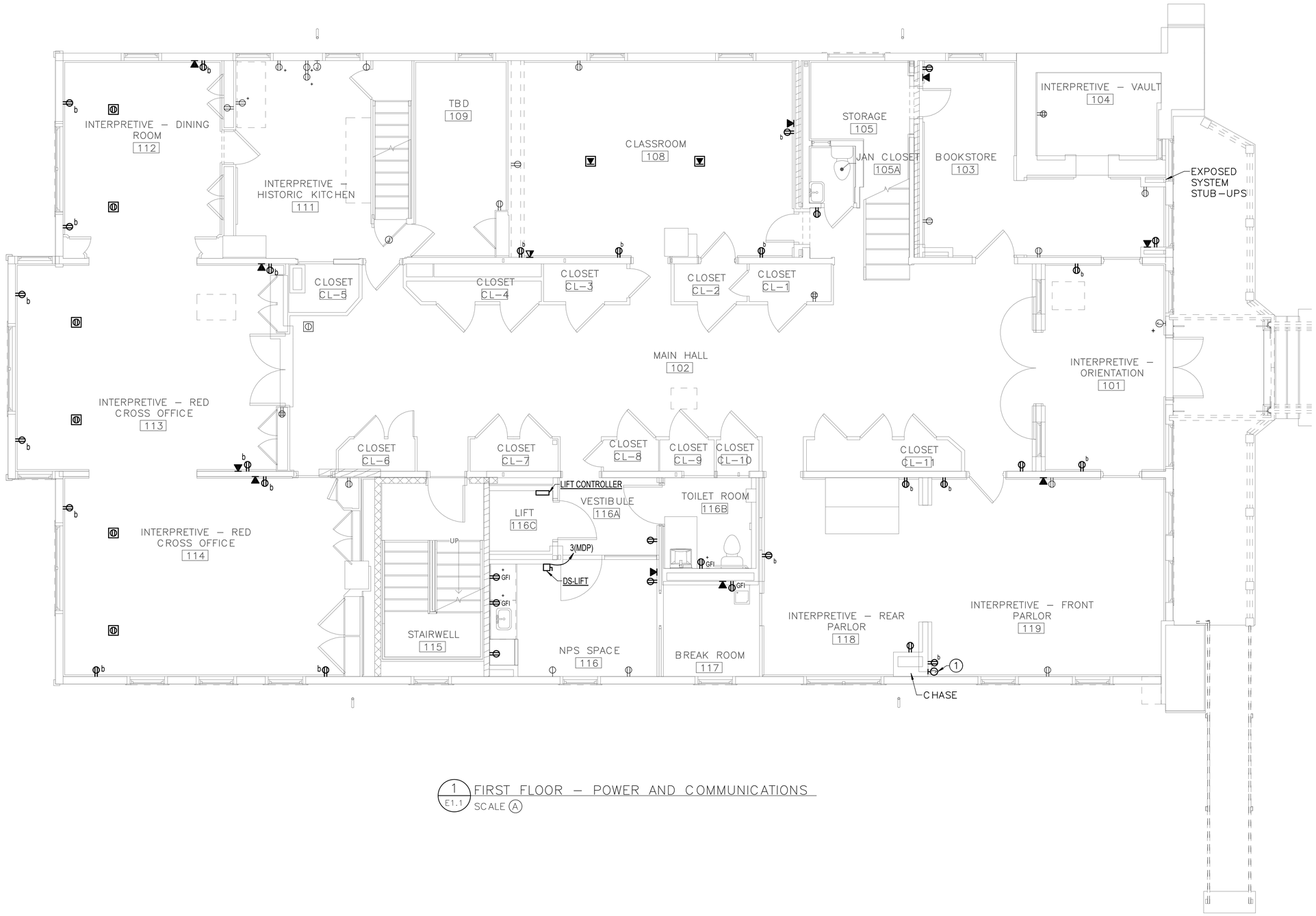
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) UTILITY CT CABINET AND METER.
(2) TELEPHONE TERMINAL BACKBOARD.

SCALE (A)
4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>DRAWN JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO. E1.0 | TITLE OF SHEET<br>**BASEMENT - POWER AND COMMUNICATIONS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ OF X |

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1 E1.1 FIRST FLOOR – POWER AND COMMUNICATIONS
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

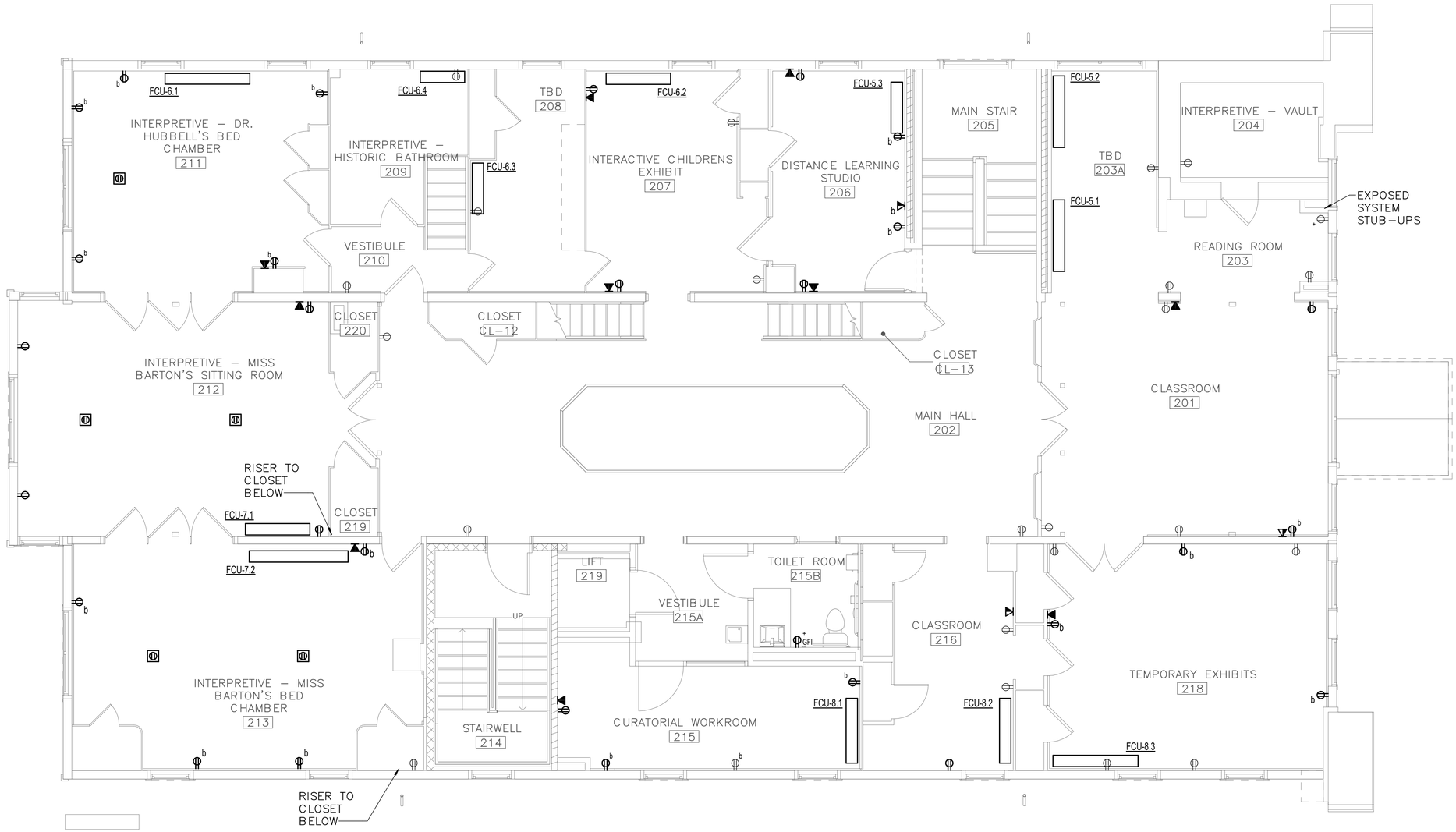
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) FOR RECESSED SPEAKER.
(2) XXX.

SCALE (A)
4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>CADD JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO. E1.1 | TITLE OF SHEET<br>**FIRST FLOOR-POWER AND COMMUNICATIONS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ OF X |

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1 / E1.2 SECOND FLOOR – POWER AND COMMUNICATIONS
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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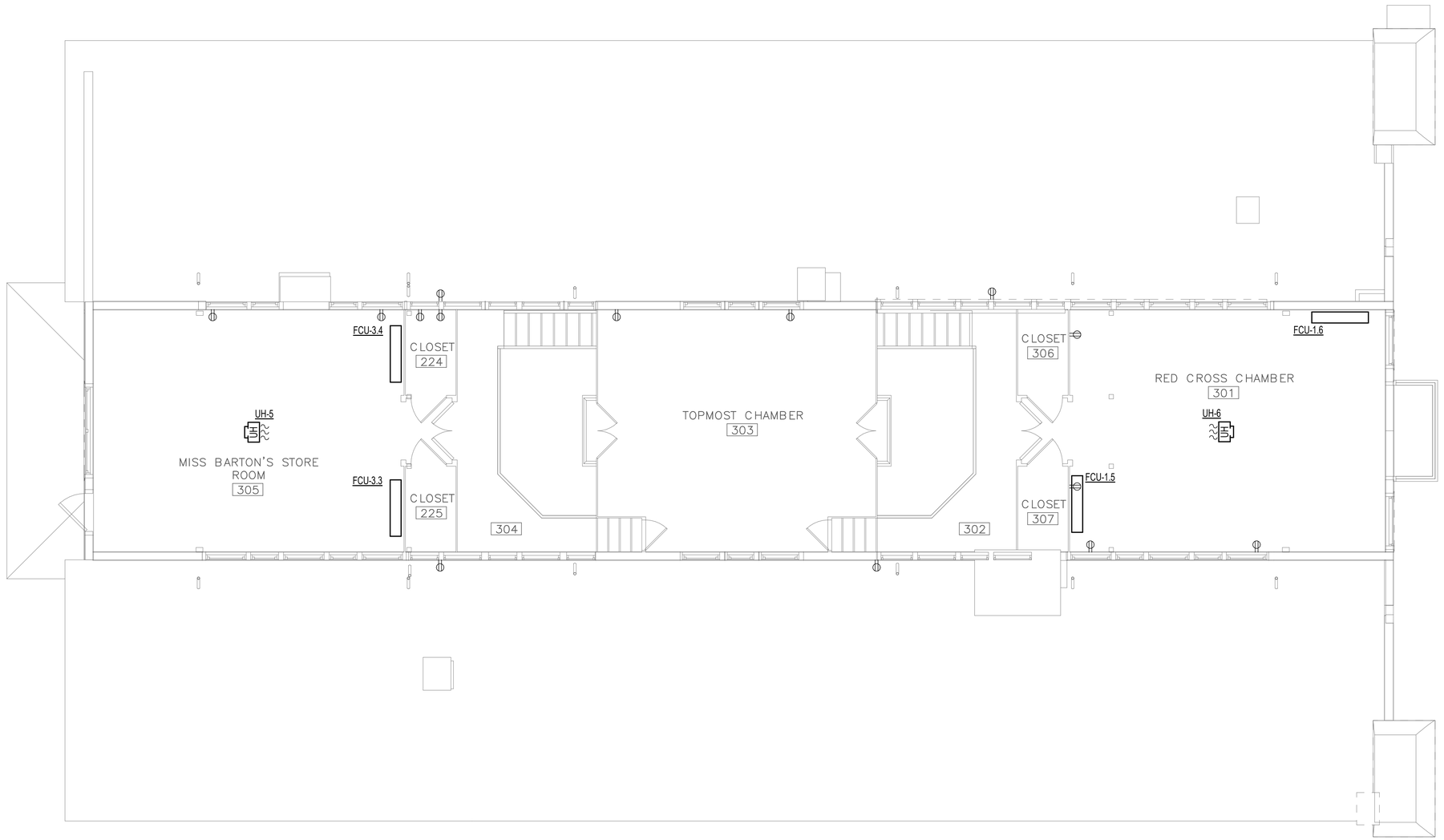
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

SCALE (A)
4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>CADD JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO. E1.2 | TITLE OF SHEET<br>SECOND FLOOR-POWER AND COMMUNICATIONS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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1 / E1.3 THIRD FLOOR – POWER AND COMMUNICATIONS
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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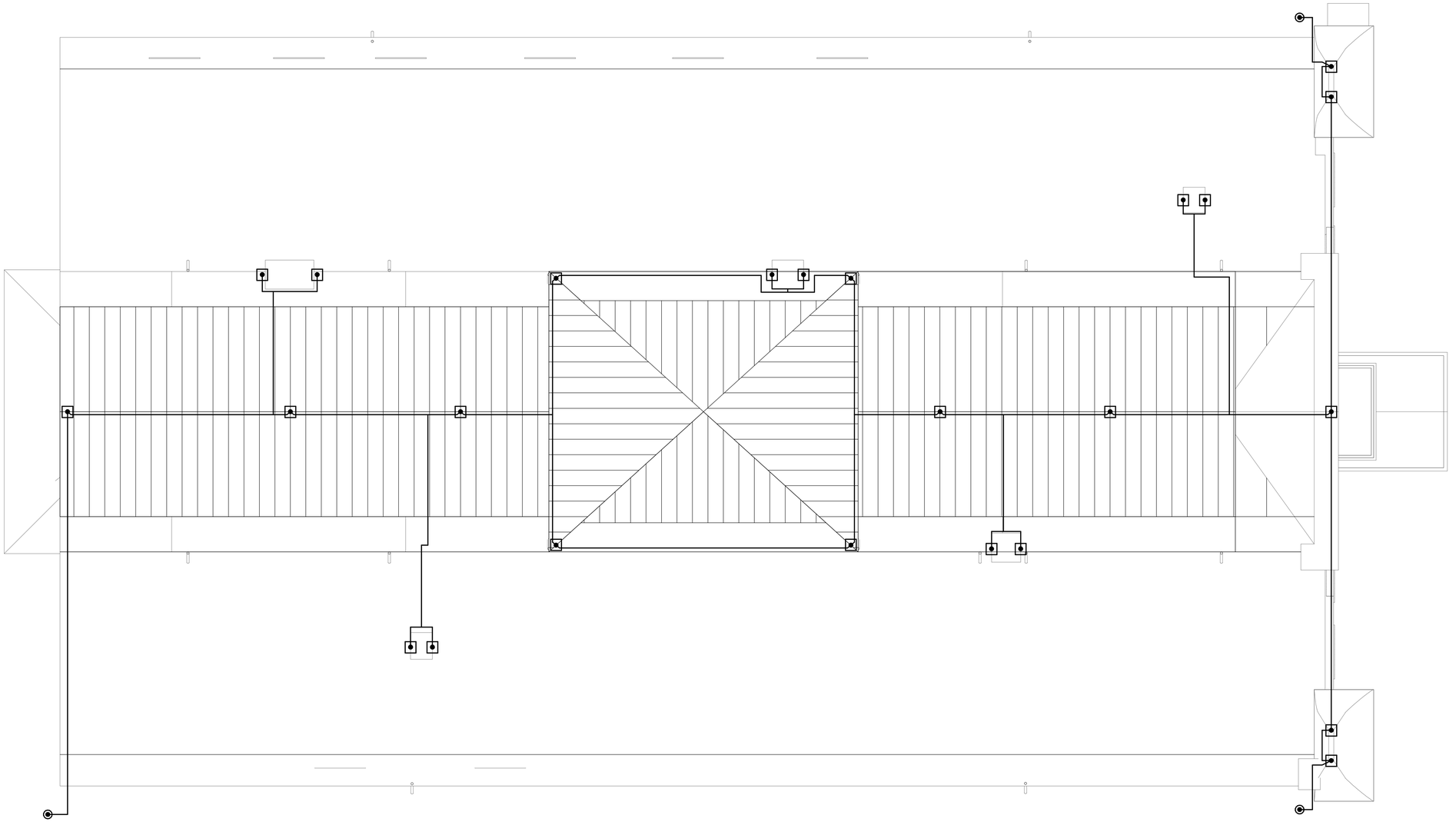
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

SCALE (A)
4 0 4 8
SCALE OF FEET

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|---|---|---|---|
| DESIGNE: JLW<br>DrADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E1.3 | TITLE OF SHEET<br>THIRD FLOOR-POWER AND COMMUNICATIONS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING<br>895<br>179603<br>PMIS/PKG<br>312325<br>SHEET<br>___ o X |

Autodesk Docs://Clara Barton National Historic Site/Clara Barton Elec.rvt
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1 E1.4 ROOF LIGHTNING PROTECTION
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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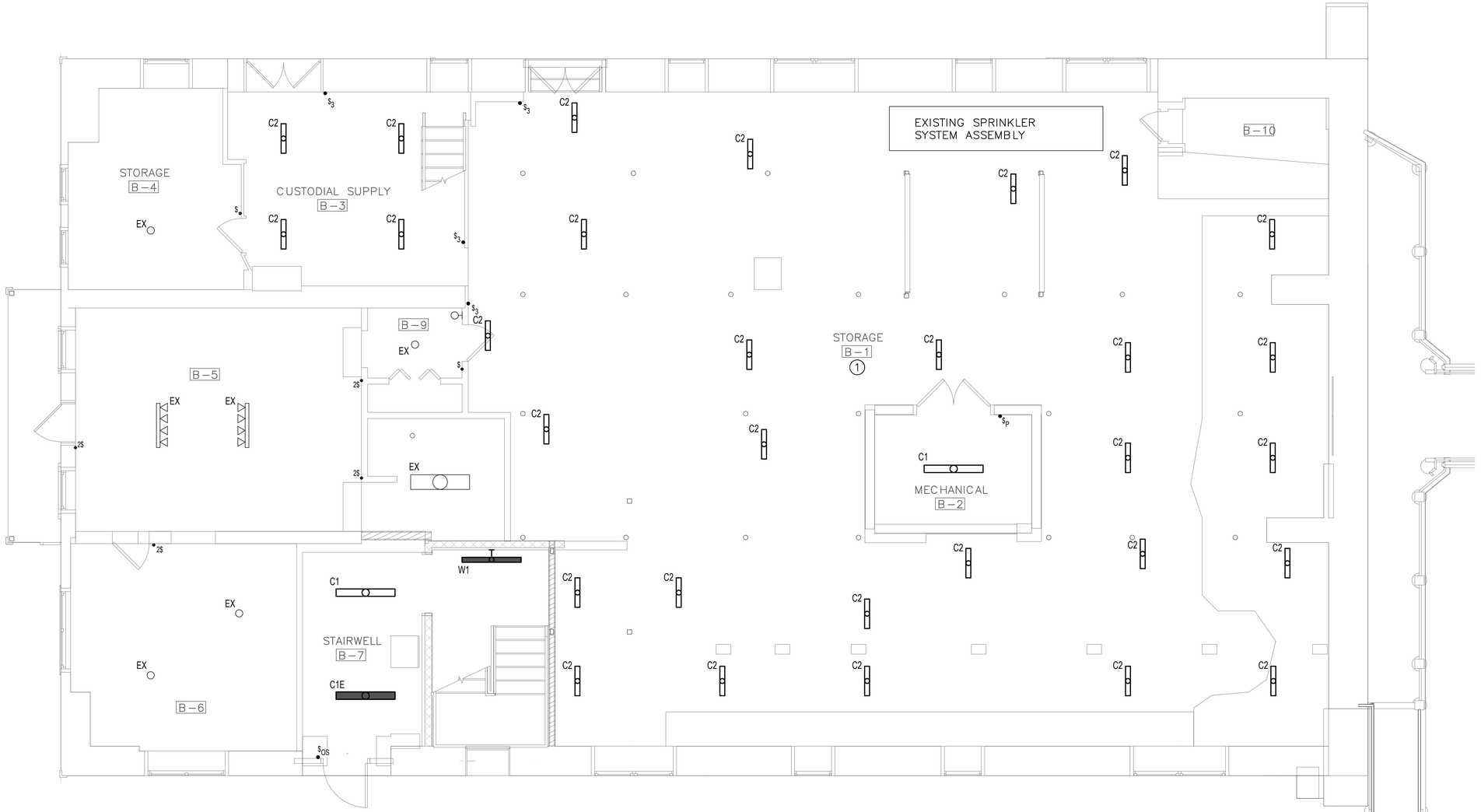
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

SCALE (A)
4 0 4 8
SCALE OF FEET

| DESIGNE | SUB SHEET NO. | TITLE OF SHEET | DRAWING |
|---|---|---|---|
| JLW | E1.4 | ROOF LIGHTNING PROTECTION | 895 179603 |
| ADD JLW | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG 312325 |
| TECH. JST | | | SHEET ___ o X |
| DATE: 1/10/2025 | | | |

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1 E2.0 BASEMENT – LIGHTING
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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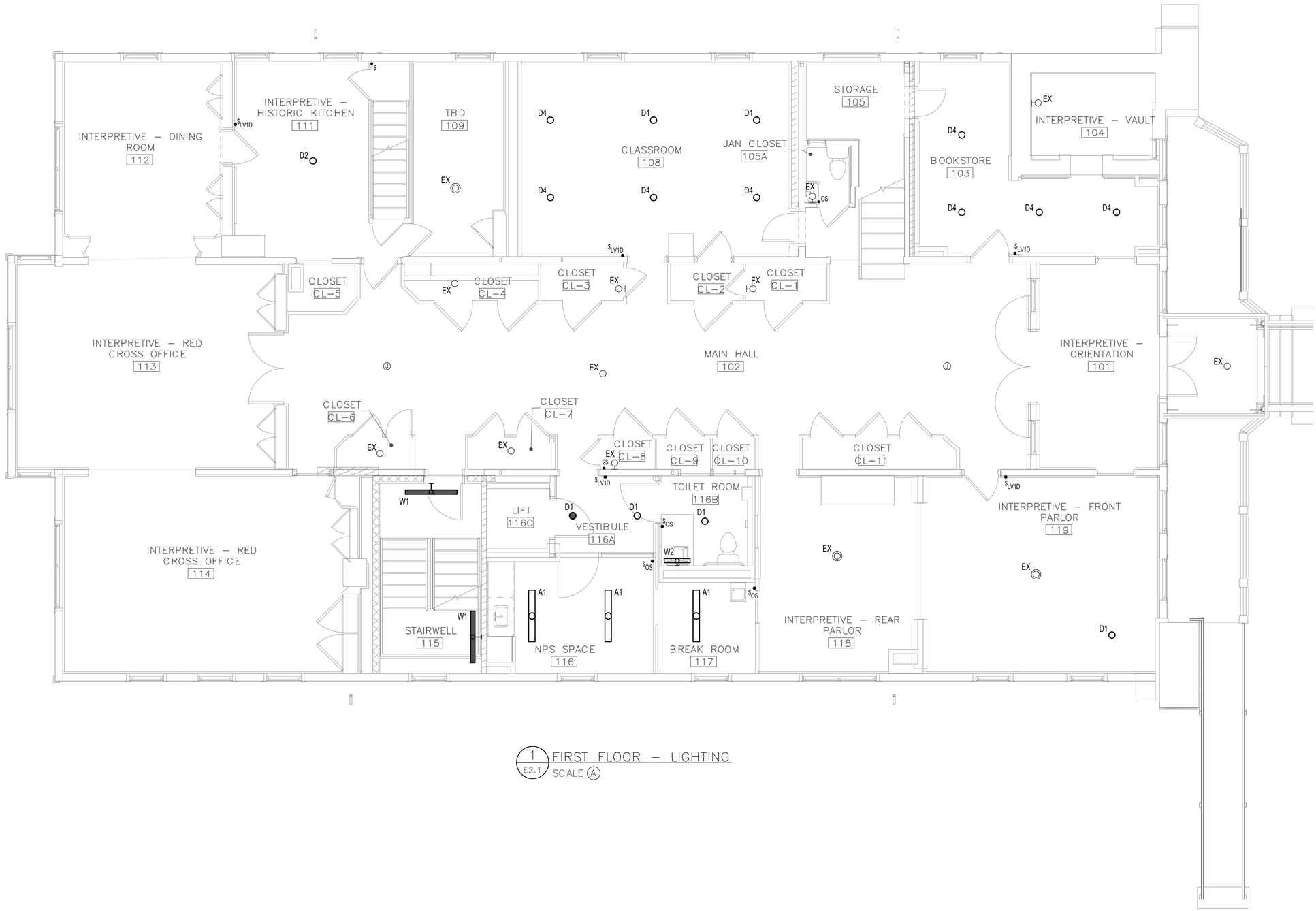
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) COORDINATE EXACT LOCATION OF LUMINAIRES IN THIS SPACE WITH DUCTWORK, PIPING, AND OTHER BUILDING SYSTEMS.

SCALE (A)
4 0 4 8
SCALE OF FEET

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E2.0 | TITLE OF SHEET<br>**BASEMENT - LIGHTING**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING<br>895<br>179603<br>PMIS/PKG<br>312325<br>SHEET<br>___ o X |

Autodesk Docs://Clara Barton National Historic Site/Clara Barton Elec.rvt
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1 E2.1 FIRST FLOOR – LIGHTING
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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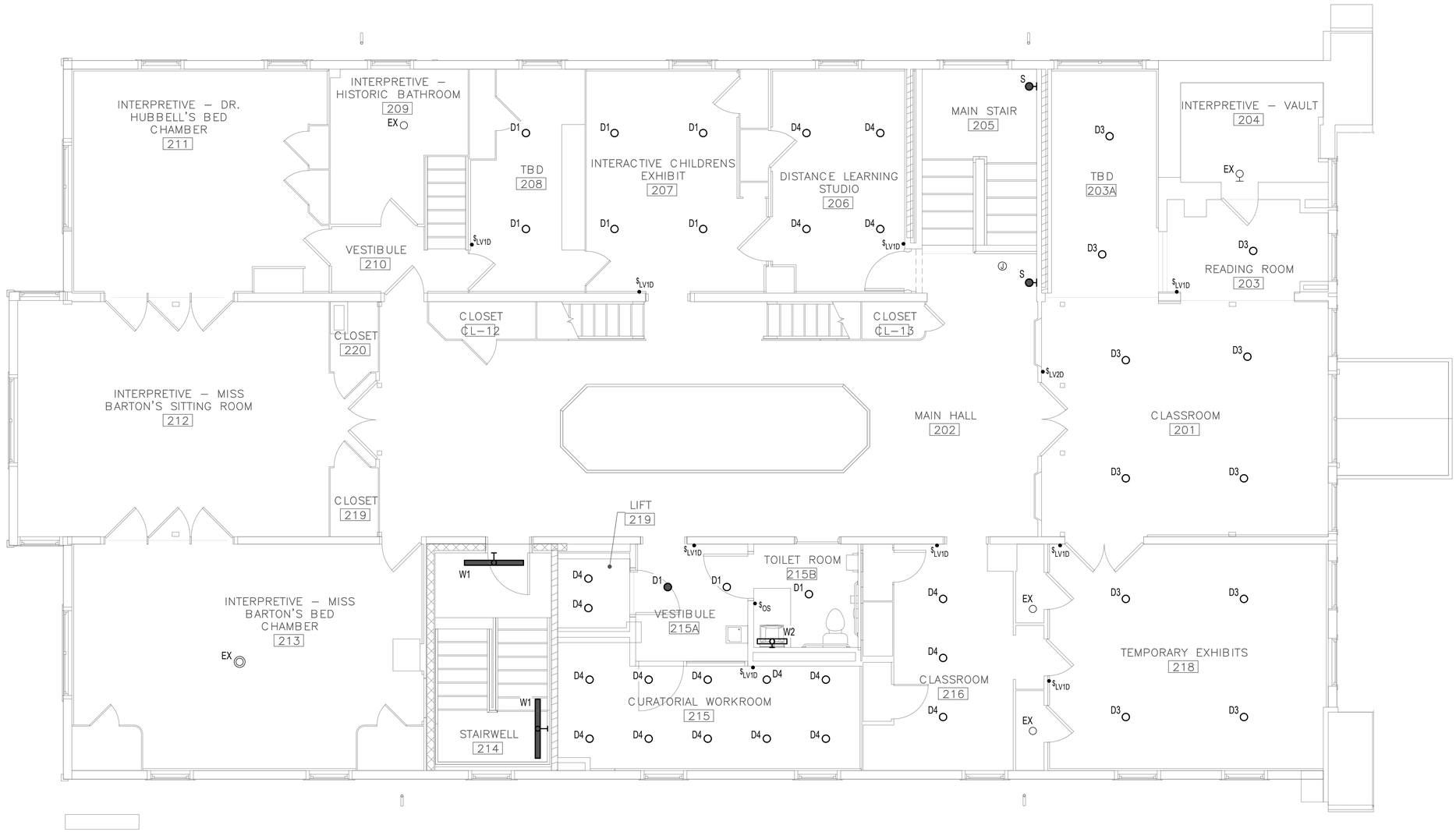
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX

SCALE (A)
4 0 4 8
SCALE OF FEET

| DESIGNE | SUB SHEET NO. | TITLE OF SHEET | DRAWING |
|---|---|---|---|
| JLW | E2.1 | FIRST FLOOR - LIGHTING | 895 179603 |
| DADD: JLW | | | PMIS/PKG: 312325 |
| TECH.: JST | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET: ___ o X |
| DATE: 1/10/2025 | | | |

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1 E2.2 SECOND FLOOR – LIGHTING
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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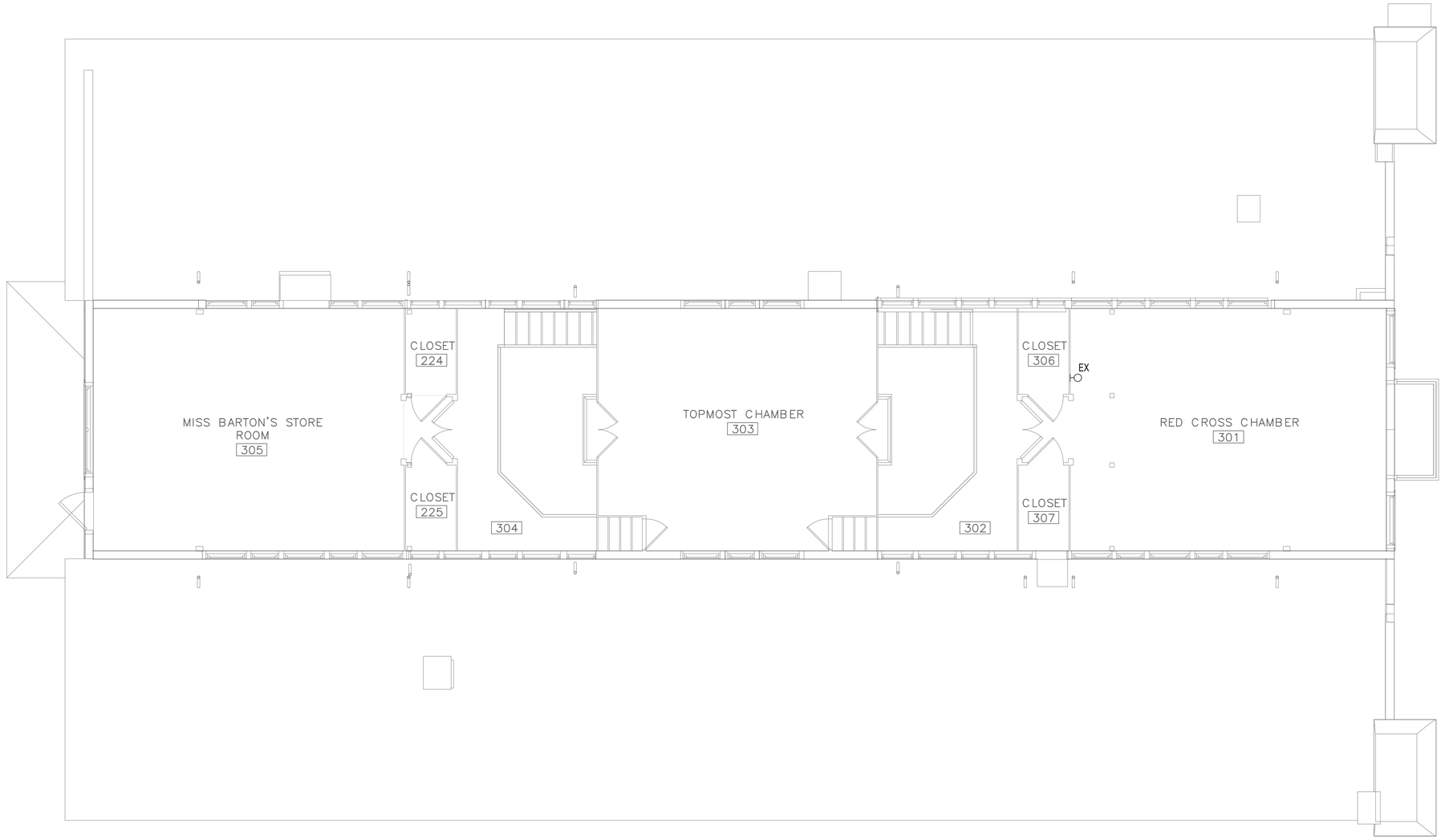
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

SCALE (A) 4 0 4 8
SCALE OF FEET

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|---|---|---|---|
| DESIGNE JLW<br>CADD JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO<br>E2.2 | TITLE OF SHEET<br>SECOND FLOOR - LIGHTING<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895<br>179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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1 E2.3 THIRD FLOOR – LIGHTING
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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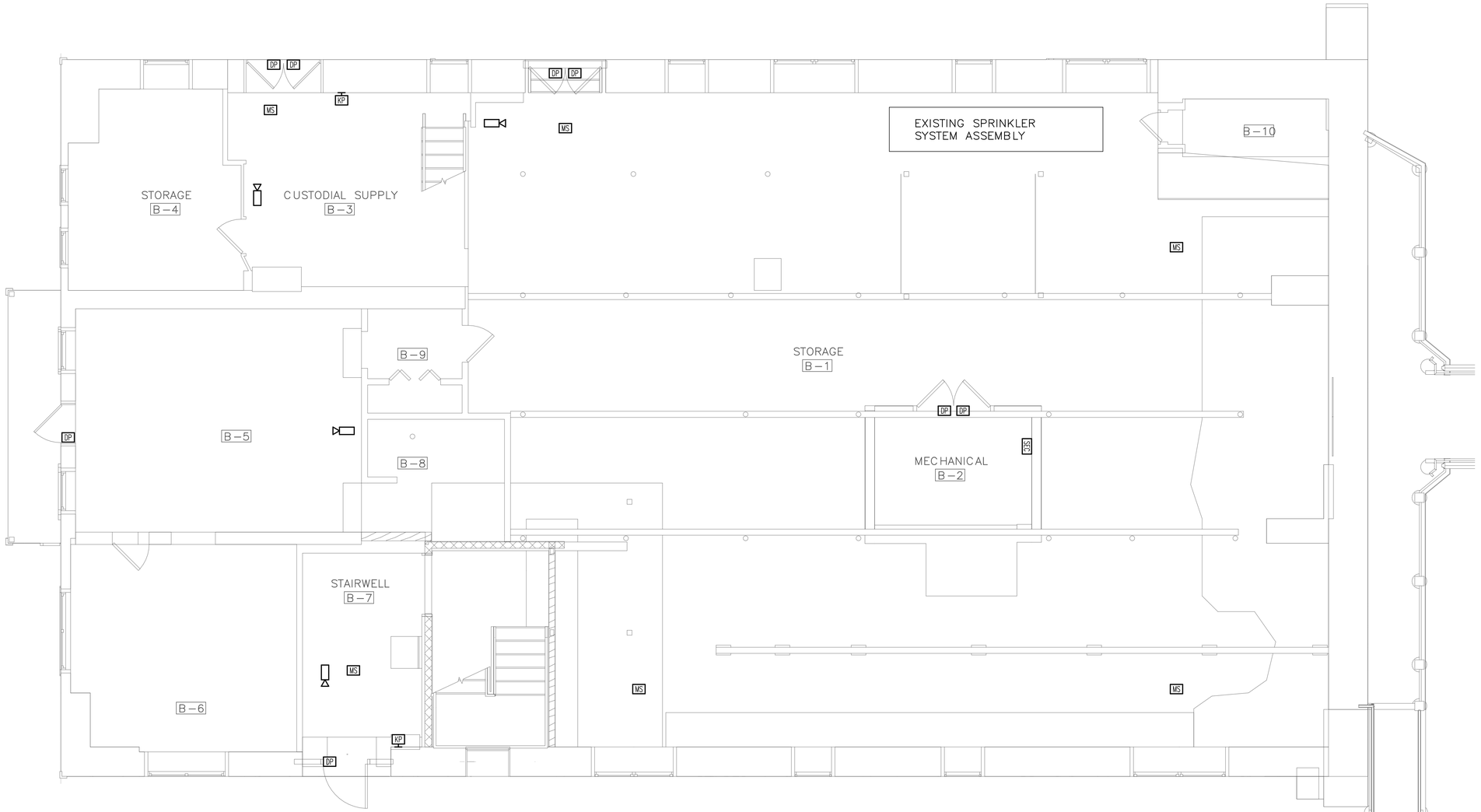
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

SCALE (A)
4 0 4 8
SCALE OF FEET

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|---|---|---|---|
| DESIGNE: JLW<br>DRAWN: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E2.3 | TITLE OF SHEET<br>THIRD FLOOR - LIGHTING<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING<br>895<br>179603<br>PMIS/PKG<br>312325<br>SHEET<br>___ o X |

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1 E3.0 BASEMENT – SECURITY
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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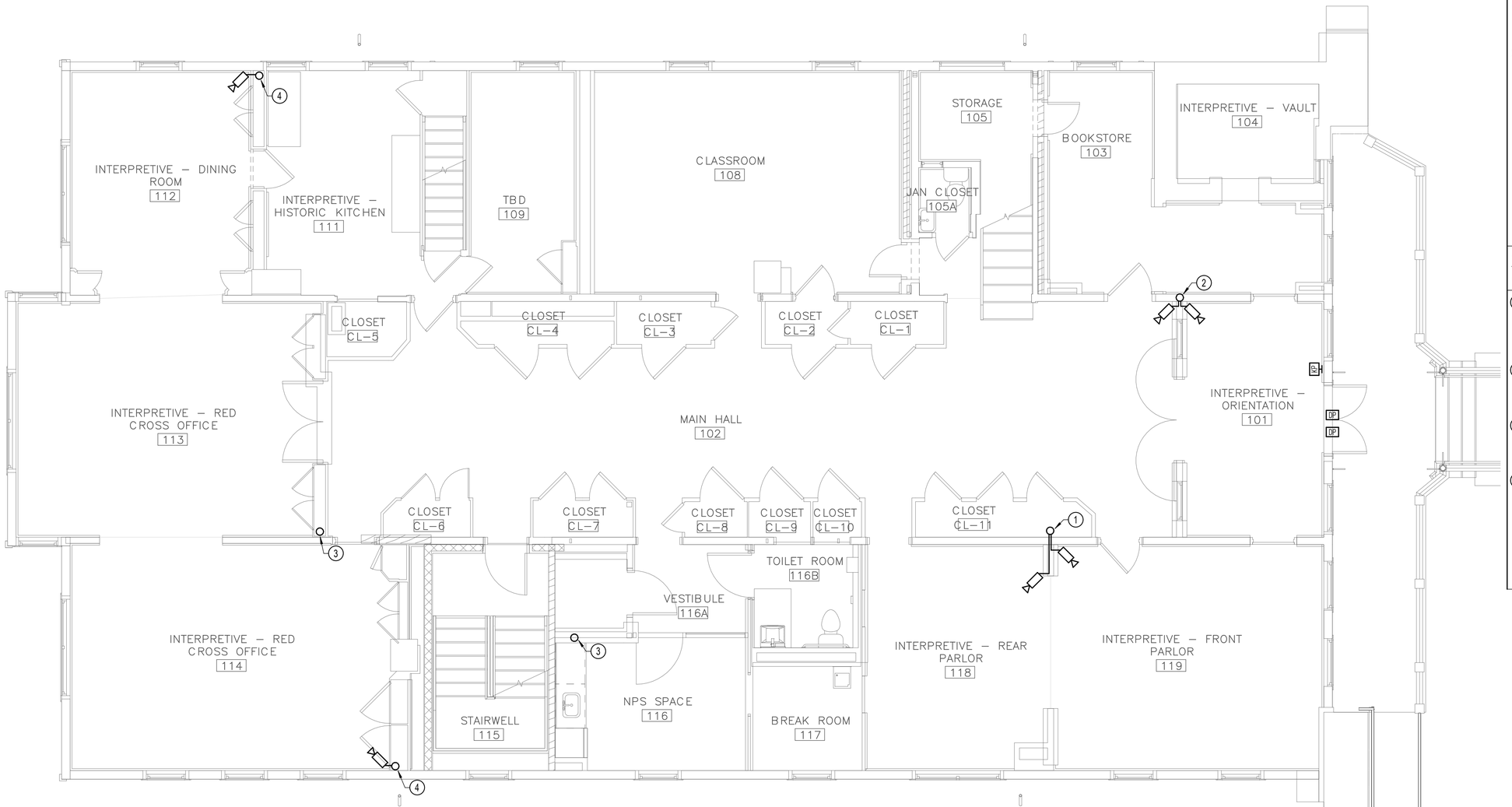
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

SCALE (A)
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SCALE OF FEET

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|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E3.0 | TITLE OF SHEET<br>BASEMENT - SECURITY<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING<br>895<br>179603<br>PMIS/PKG<br>312325<br>SHEET<br>___ o X |

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1 / E3.1 FIRST FLOOR – SECURITY
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) FOUR VERTICAL CONDUITS COMING FROM BASEMENT LEVEL. TWO CONDUITS CONTINUE TO THE SECOND FLOOR, THE TWO REMAINING CONDUITS BRANCH OFF HORIZONTALLY ABOVE CEILING. SEE SECURITY RISER DIAGRAM ON SHEET E6.6 FOR MORE INFORMATION.

(2) TWO VERTICAL CONDUITS COMING FROM BASEMENT LEVEL AND BRANCHING OFF HORIZONTALLY ABOVE CEILING. SEE SECURITY RISER DIAGRAM ON SHEET E6.6 FOR MORE INFORMATION.

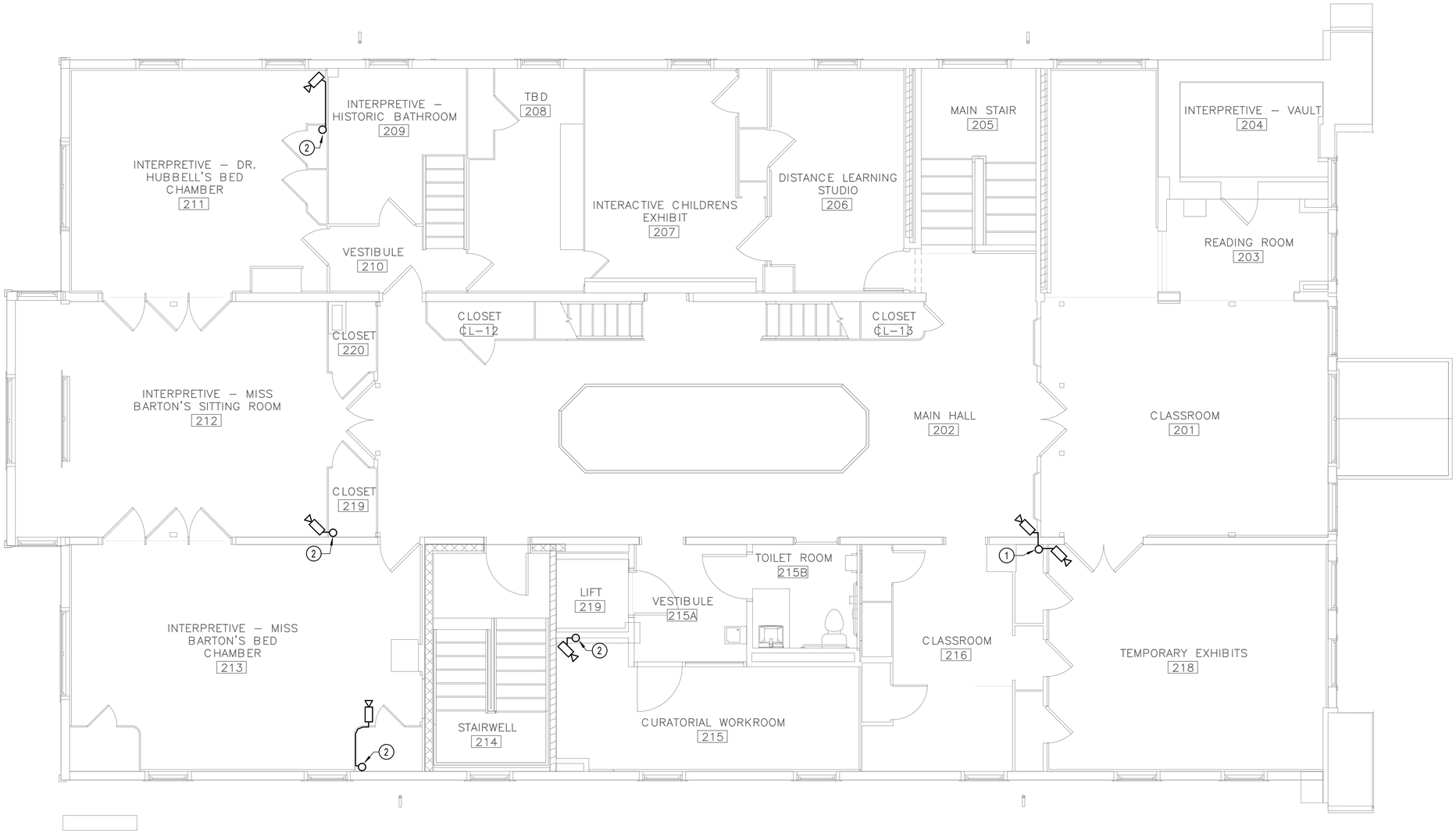
(3) ONE VERTICAL CONDUIT COMING FROM BASEMENT LEVEL AND CONTINUING VERTICALLY TO THE SECOND FLOOR LEVEL. SEE SECURITY RISER DIAGRAM ON SHEET E6.6 FOR MORE INFORMATION.

(4) TWO VERTICAL CONDUITS COMING FROM BASEMENT LEVEL. ONE CONDUIT CONTINUES TO THE SECOND FLOOR, THE REMAINING CONDUIT BRANCHES OFF HORIZONTALLY ABOVE CEILING. SEE SECURITY RISER DIAGRAM ON SHEET E6.6 FOR MORE INFORMATION.

SCALE (A)
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SCALE OF FEET

| DESIGNE | SUB SHEET NO. | TITLE OF SHEET | DRAWING |
|---|---|---|---|
| JLW | E3.1 | FIRST FLOOR - SECURITY | 895 179603 |
| DRAWN: JLW | | | PMIS/PKG: 312325 |
| TECH.: JST | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET: ___ OF X |
| DATE: 1/10/2025 | | | |

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1 / E3.2 SECOND FLOOR – SECURITY
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

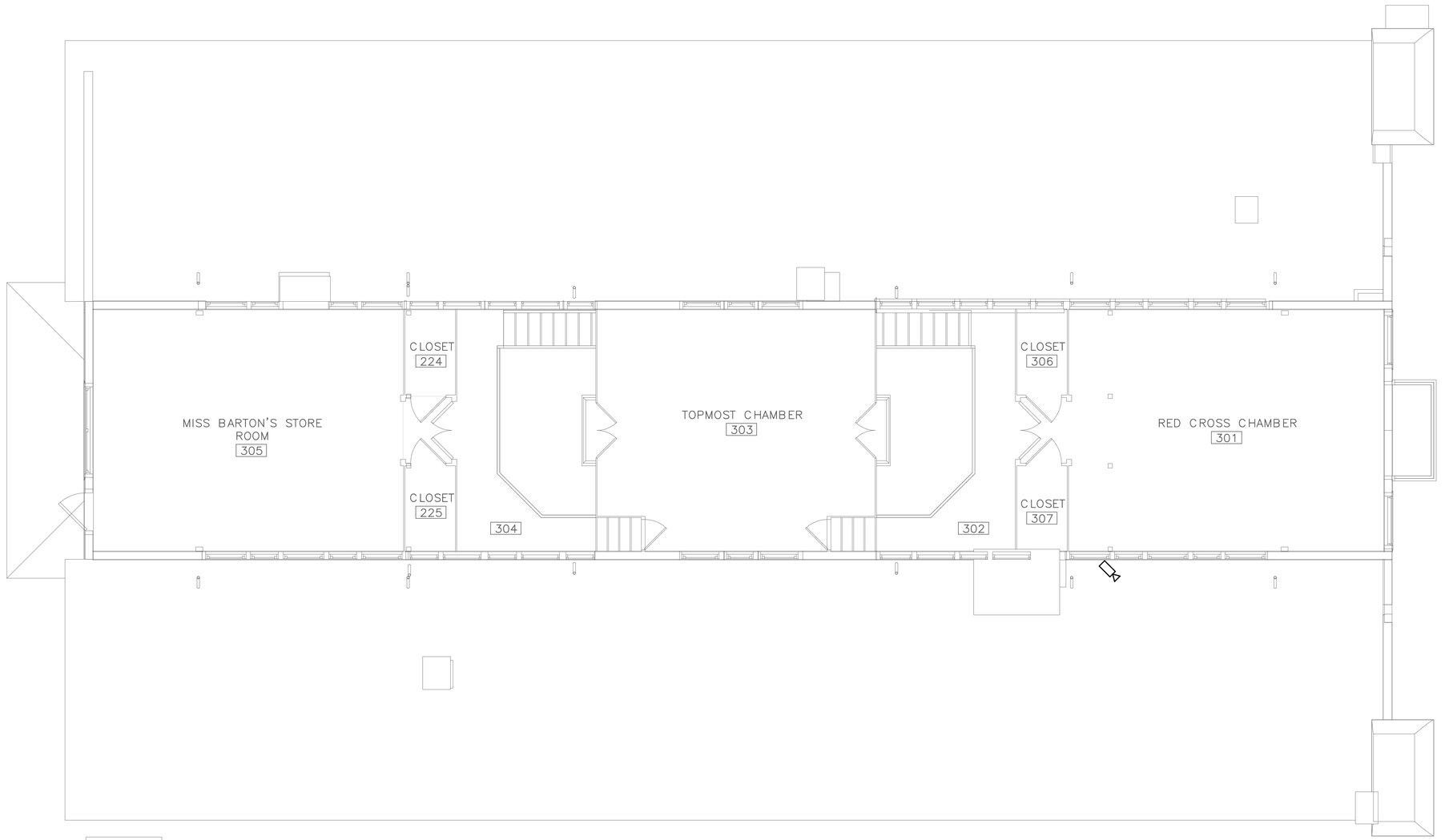
(1) TWO VERTICAL CONDUITS COMING FROM FIRST FLOOR LEVEL AND BRANCHING OFF HORIZONTALLY ABOVE CEILING. SEE SECURITY RISER DIAGRAM ON SHEET E6.6 FOR MORE INFORMATION.

(2) ONE VERTICAL CONDUIT COMING FROM FIRST FLOOR LEVEL AND BRANCHING OFF HORIZONTALLY ABOVE CEILING. SEE SECURITY RISER DIAGRAM ON SHEET E6.6 FOR MORE INFORMATION.

SCALE (A)
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SCALE OF FEET

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|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E3.2 | TITLE OF SHEET<br>SECOND FLOOR - SECURITY<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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1 / E3.3 THIRD FLOOR – SECURITY
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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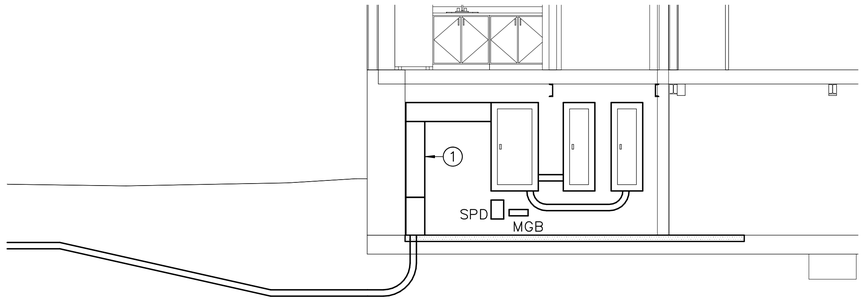
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX.

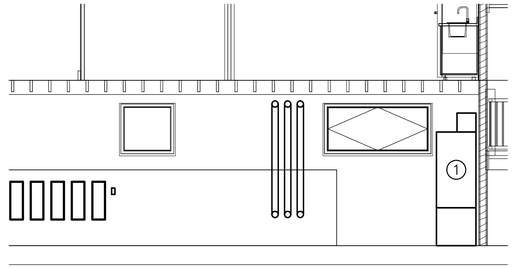
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SCALE OF FEET

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1 / E4.1 BASEMENT SOUTH WALL ELEVATION – POWER AND COMMUNICATIONS
SCALE (A)




2 / E4.1 BASEMENT EAST WALL ELEVATION – POWER AND COMMUNICATIONS
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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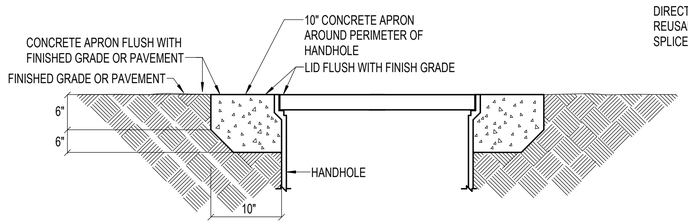
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) UTILITY CT CABINET AND METER
(2) XXX.
(3) XXX.

SCALE (A) 4 0 4 8
SCALE OF FEET

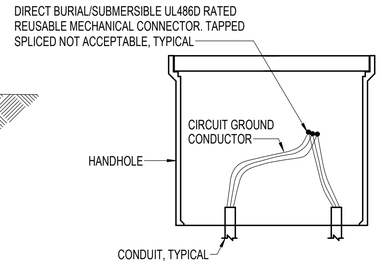
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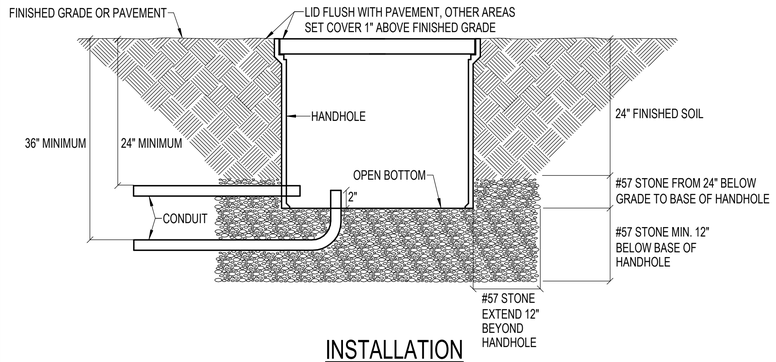
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## INSTALLATION WITH CONCRETE APRON

NOTE: THIS DETAIL ONLY APPLIES WHERE SPECIFICALLY INDICATED WITH CONCRETE APRON



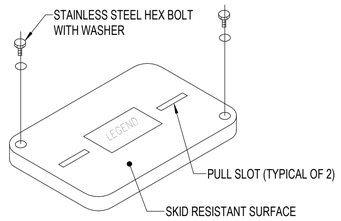

## INSTALLATION

NOTES: (APPLICABLE TO HANDHOLE DETAIL ONLY)

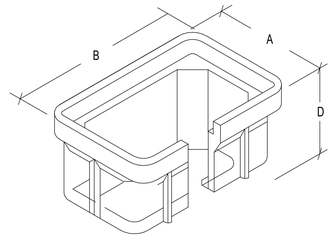
BASIS OF DESIGN: QUAZITE PG STYLE OR APPROVED EQUAL

2. FIELD-CUT OPENING FOR SIDE-ENTRY CONDUITS ACCORDING TO ENCLOSURE MANUFACTURER'S WRITTEN INSTRUCTIONS. SIDE ENTRY CONDUITS ONLY ALLOWED IF CONDUIT IS MINIMUM 36" BELOW GRADE.
3. MODIFY AS REQUIRED FOR RACEWAY LAYOUTS
4. COORDINATE DEPTH OF HANDHOLES WITH CONDITIONS IN FIELD. PROVIDE BOX EXTENSION AS REQUIRED TO MATCH DEPTHS OF DUCTS.
5. COLOR OF ENCLOSURE, BOX AND COVER:
   LIGHT GREEN FOR APPLICATIONS IN GRASS
   LIGHT GRAY FOR APPLICATIONS IN CONCRETE
   DARK GRAY FOR APPLICATIONS IN MACADAM
   RED FOR APPLICATIONS IN RED BRICK PAVERS
   COORDINATE WITH ARCHITECT FOR OTHER APPLICATIONS
6. COVER LEGEND: MOLDED LETTERING AS INDICATED FOR EACH SERVICE:
   "ELECTRIC"
   "TELEPHONE"
   "COMMUNICATION"
   "SECURITY"
   "GROUND"
   "CATV"
   "FIRE ALARM"
7. MINIMUM ANSI SCTE TIER RATING, INSTALLATION IN:
   LAWN AND SIDEWALKS: 8
   PARKING LOT/DRIVEWAYS: 15
   LOADING DOCKS: 22
   AREAS SUBJECT TO HEAVY VEHICULAR TRAFFIC: 22

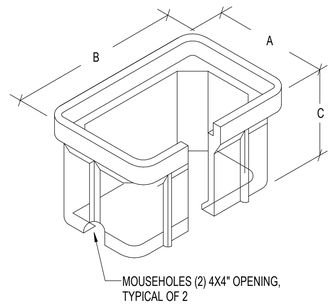
## HANDHOLE WIRING/GROUNDING




## COVER




## EXTENSION

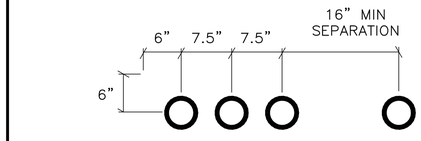



## BASE

### HANDHOLE SCHEDULE

| DESIGNATION | NOMINAL BOX DIMENSIONS A | B | C | EXTENSION D | NOTES |
|---|---|---|---|---|---|
| A | 12 | 12 | 12 | - | PC |
| B | 24 | 24 | 24 | - | PG |
| C | 36 | 36 | 36 | - | PG |

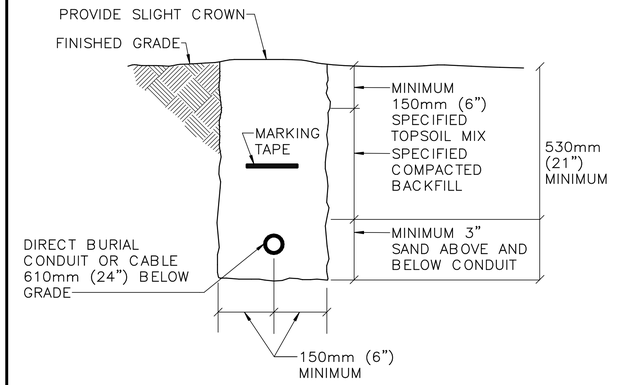
1 E5.1 HANDHOLE INSTALLATION
NO SCALE



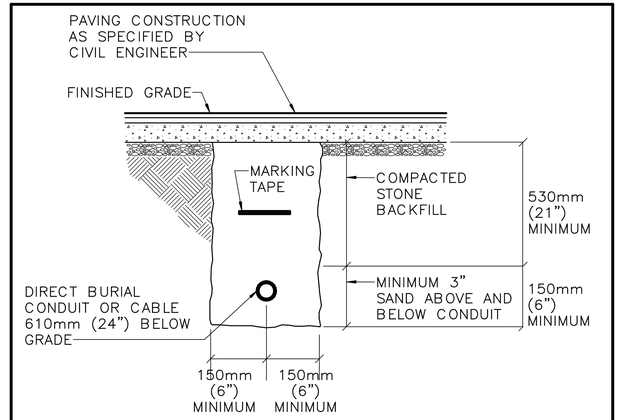

NOTES:

1. PROVIDE ACTUAL NUMBER OF POWER AND COMMUNICATION DUCTS PER PLANS.
2. PROVIDE DUCT CONSTRUCTION PER DUCT DETAILS.

2 E5.1 COMBINED POWER/COMMUNICATIONS DUCTS
NO SCALE



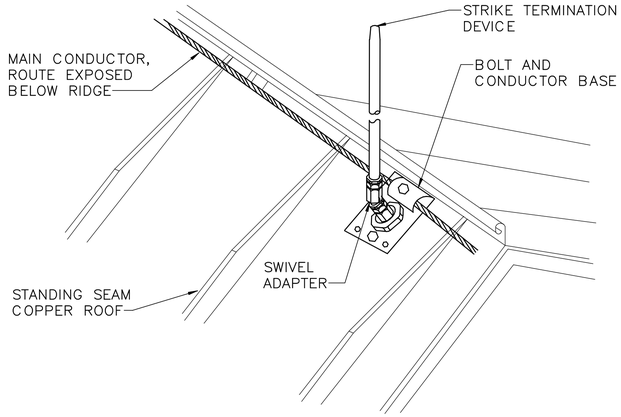

3 E5.1 DIRECT BURIAL CONDUIT AND CABLE
NO SCALE



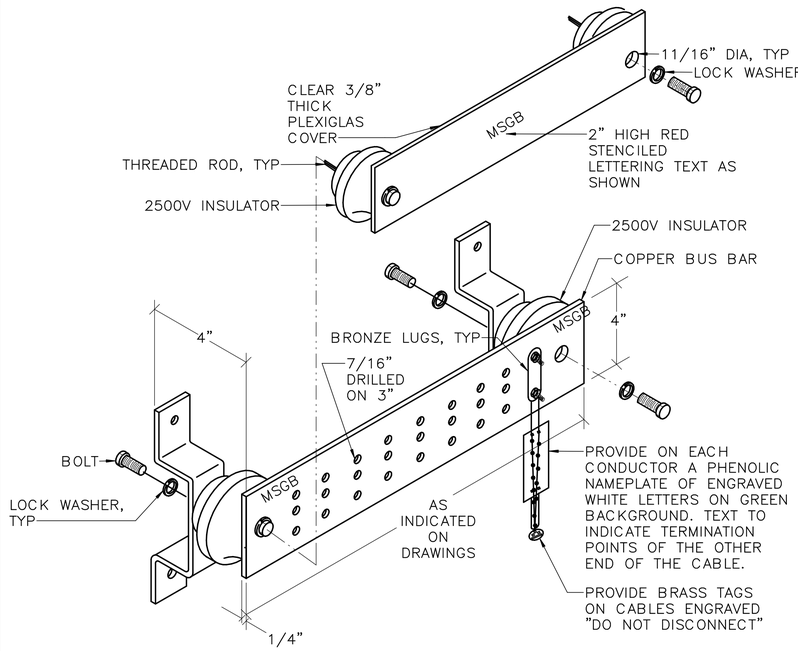

4 E5.1 DIRECT BURIAL CONDUIT BENEATH PAVING
NO SCALE

| | | | |
|---|---|---|---|
| DESIGNE: JLW | SUB SHEET NO: E5.1 | TITLE OF SHEET: ELECTRICAL DETAILS | DRAWING: 895 179603 |
| DRAWN: JLW | | | PMIS/PKG: 312325 |
| TECH.: JST | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET: ___ OF X |
| DATE: 1/10/2025 | | | |

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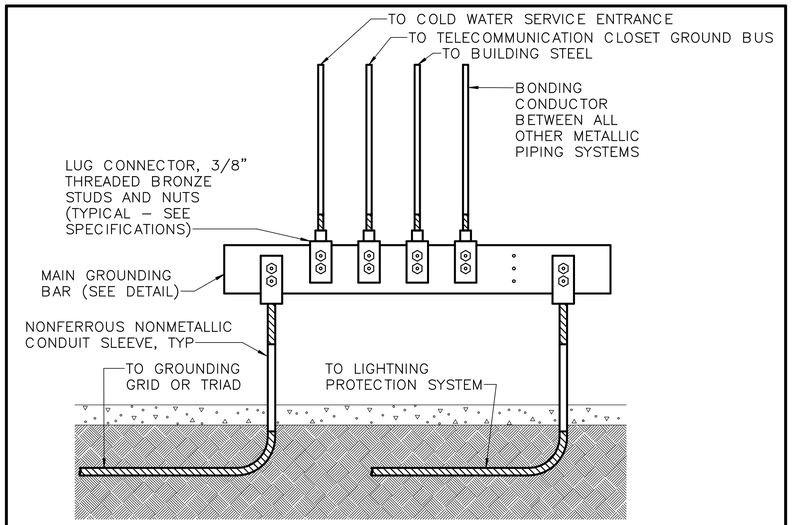



4 E5.2 AIR TERMINAL – STANDING SEAM ROOF
NO SCALE

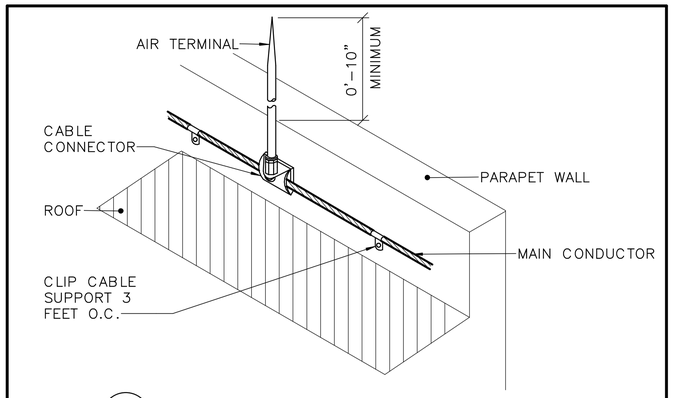



NOTES: (APPLY TO THIS DETAIL ONLY)
1. BUS BARS OVER 3' IN LENGTH REQUIRE ONE ADDITIONAL INSULATOR SUPPORT EVERY 3'.
2. MOUNT AT HEIGHT SCHEDULED.
3. PROVIDE METAL BACKING BEHIND SHEETROCK WALLS.
4. USE 3/8" DIAMETER EXPANSION BOLTS FOR MASONRY WALLS. USE 3/8" DIAMETER SPRING-WING TOGGLE BOLT FOR DRYWALL.

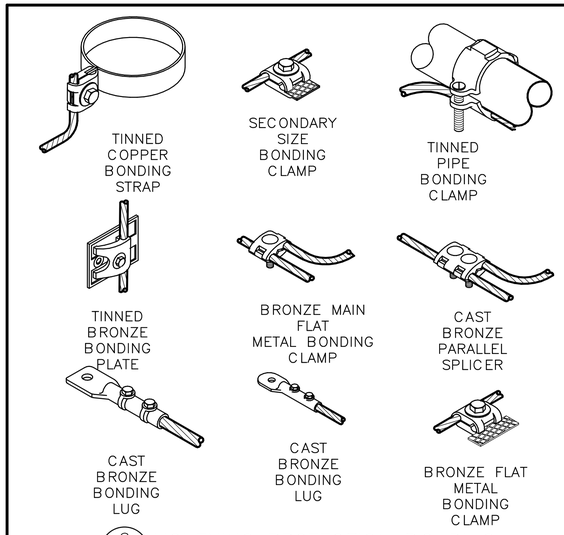
1 E5.2 MAIN GROUNDING BAR INSTALLATION
NO SCALE



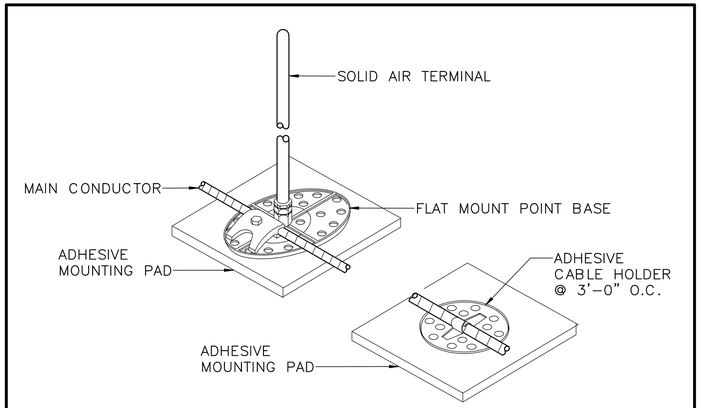

2 E5.2 MAIN GROUNDING BAR
NO SCALE



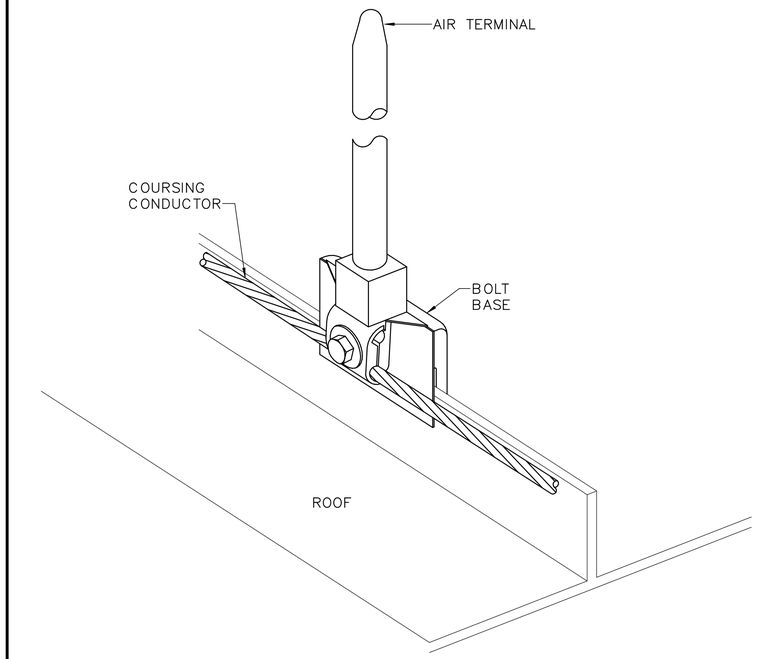

5 E5.2 PARAPET AIR TERMINAL MOUNTING
NO SCALE




6 E5.2 LIGHTNING PROTECTION BONDING
NO SCALE



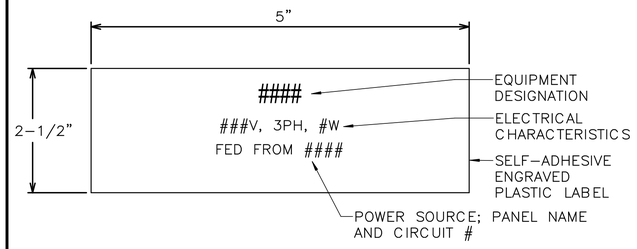

7 E5.2 AIR TERMINAL – FLAT SEAM AND CHIMNEY
NO SCALE




3 E5.2 BOLT BASE FOR CABLE RUN PARALLEL TO STANDING SEAM
NO SCALE

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>CADD JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO<br>E5.2 | TITLE OF SHEET<br>ELECTRICAL DETAILS<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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GENERAL NOTES:

A. ALL NEW SAFETY SWITCHES, STARTERS, ENCLOSED CIRCUIT BREAKERS, AND VARIABLE SPEED MOTOR CONTROLLERS SHALL BE PROVIDED WITH LABELS.

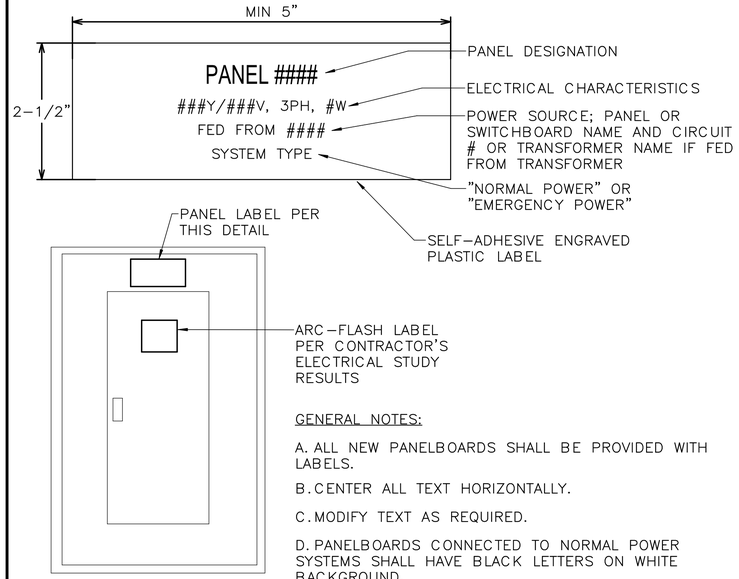
B. CENTER ALL TEXT HORIZONTALLY.

C. MODIFY TEXT AS REQUIRED.

D. EQUIPMENT CONNECTED TO NORMAL POWER SYSTEMS SHALL HAVE BLACK LETTERS ON WHITE BACKGROUND.

E. EQUIPMENT CONNECTED TO EMERGENCY POWER SYSTEMS SHALL HAVE WHITE LETTERS ON RED BACKGROUND.

3 E5.3 DISCONNECT/STARTER/SWITCH/VFD LABEL
NO SCALE




GENERAL NOTES:

A. ALL NEW PANELBOARDS SHALL BE PROVIDED WITH LABELS.

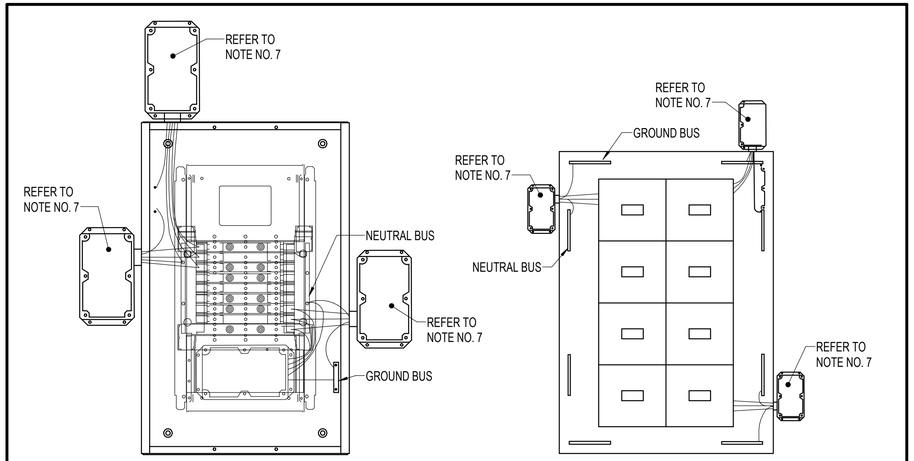
B. CENTER ALL TEXT HORIZONTALLY.

C. MODIFY TEXT AS REQUIRED.

D. PANELBOARDS CONNECTED TO NORMAL POWER SYSTEMS SHALL HAVE BLACK LETTERS ON WHITE BACKGROUND.

E. PANELBOARDS CONNECTED TO EMERGENCY POWER SYSTEMS SHALL HAVE WHITE LETTERS ON RED BACKGROUND.

2 E5.3 PANELBOARD LABELS
NO SCALE




BRANCH CIRCUIT PANELBOARD

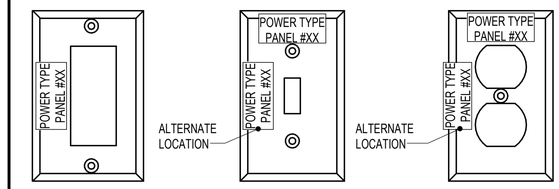
DISTRIBUTION PANELBOARD

NOTES: (APPLICABLE TO THIS DETAIL ONLY)

1. PROVIDE MULTIPOLE, 30 AMP DEDICATED CIRCUIT BREAKER TO SERVE AS DISCONNECT FOR SURGE PROTECTIVE DEVICE. COORDINATE WITH VOLTAGE CONFIGURATION OF PROTECTED EQUIPMENT.
2. FOR SERVICE ENTRANCE APPLICATIONS, INSTALL DEVICE ON LOAD SIDE OF SERVICE ENTRANCE AND BOND GROUND LEAD CONDUCTOR TO SERVICE ENTRANCE GROUND.
3. INSTALL CONDUCTORS BETWEEN SURGE PROTECTIVE DEVICE AND TERMINATION POINTS AS SHORT AND STRAIGHT AS POSSIBLE. DO NOT EXCEED MANUFACTURER'S RECOMMENDED CABLE LENGTH. DO NOT BOND NEUTRAL AND GROUND.
4. LOCATE SURGE PROTECTIVE DEVICE TO MINIMIZE CONDUCTOR LENGTHS BETWEEN SURGE PROTECTIVE DEVICE AND CIRCUIT BREAKER TO WHICH IT IS CONNECTED. ROUTE CONDUCTORS IN METAL CONDUIT USING RIGID NIPPLE. KEEP CONDUCTORS AS SHORT AND STRAIGHT AS POSSIBLE. WIRE SIZE FOR CONDUCTORS SHALL BE AS REQUIRED BY MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS: MINIMUM SIZE #10 AWG; MAXIMUM SIZE #4 AWG.
5. CONNECT SURGE PROTECTIVE DEVICE TO GROUNDING SYSTEM.
6. INSTALL CONDUCTORS FOR SURGE PROTECTIVE DEVICES NEATLY. BIND PHASE, NEUTRAL, AND GROUND CONDUCTORS TIGHTLY OVER ENTIRE LENGTH FROM SURGE PROTECTIVE DEVICE TO CIRCUIT BREAKER. USE THE SHORTEST LENGTH OF CONNECTING CABLE POSSIBLE.
7. EXTERNALLY MOUNTED SPD. WIRE CONNECTIONS SHOWN TO NEAREST BREAKER FOR DISCONNECT. MOUNT SPD ON EITHER SIDE, TOP OR BOTTOM OF PANEL.
8. REFER TO ONE-LINE DIAGRAM FOR PANELBOARDS THAT REQUIRE SURGE PROTECTIVE DEVICES.

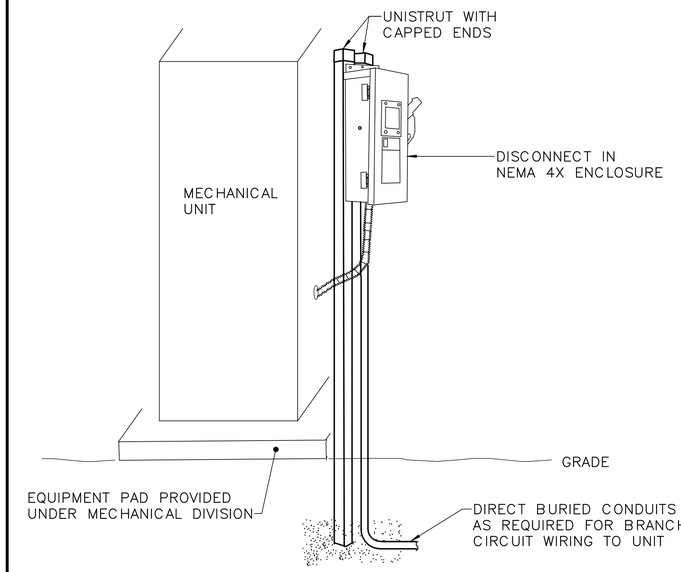
SYMBOL SHOWN ON RISER/ONE-LINE DIAGRAM WHICH THIS DETAIL APPLIES: SPD

1 E5.3 TYPICAL SURGE PROTECTIVE DEVICE INSTALLATION
NO SCALE

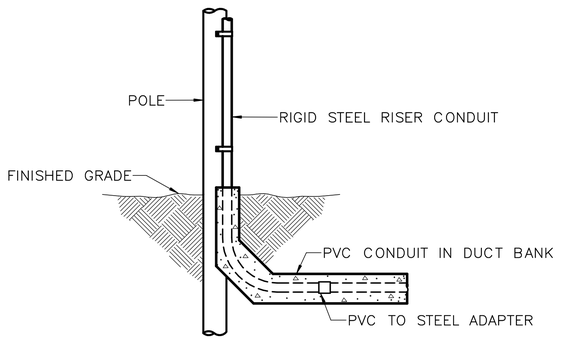



PROVIDE 0.59" WIDE POLYESTER ADHESIVE TAPE LABELS, 1.77" LONG WITH BLACK 1/8" HIGH TIMES NEW ROMAN TEXT. REPLACE POWER TYPE WITH PANEL SOURCE, EXAMPLE: "NORMAL POWER", "PANEL" WITH THE PANEL NAME, AND "XX" WITH THE CIRCUIT NUMBER OR NUMBERS SEPARATED BY COMMAS. DO NOT COVER SCREWS.

4 E5.3 WIRING DEVICES COVER PLATE MARKING
NO SCALE




5 E5.3 DISCONNECT FOR OUTDOOR HVAC UNITS
NO SCALE

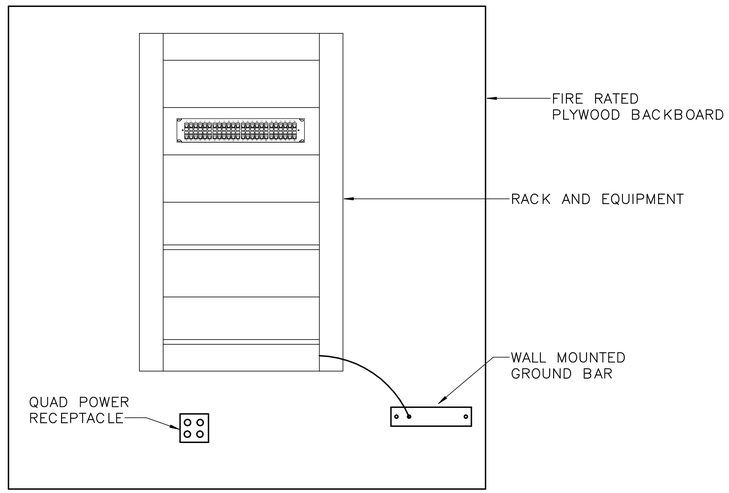



6 E5.3 POLE RISER TO DUCT BANK TRANSITION
NO SCALE

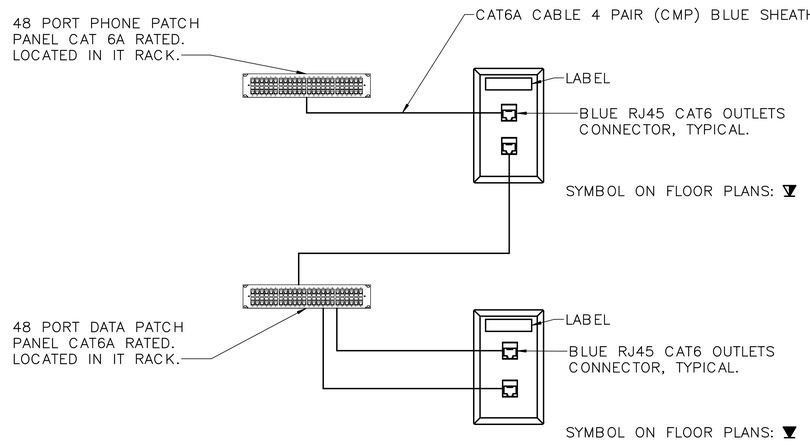
| | | | |
|---|---|---|---|
| DESIGNE: JLW | SUB SHEET NO: E5.3 | TITLE OF SHEET: ELECTRICAL DETAILS | DRAWING: 895 179603 |
| CADD: JLW | | | PMIS/PKG: 312325 |
| TECH.: JST | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET: ___ o X |
| DATE: 1/10/2025 | | | |

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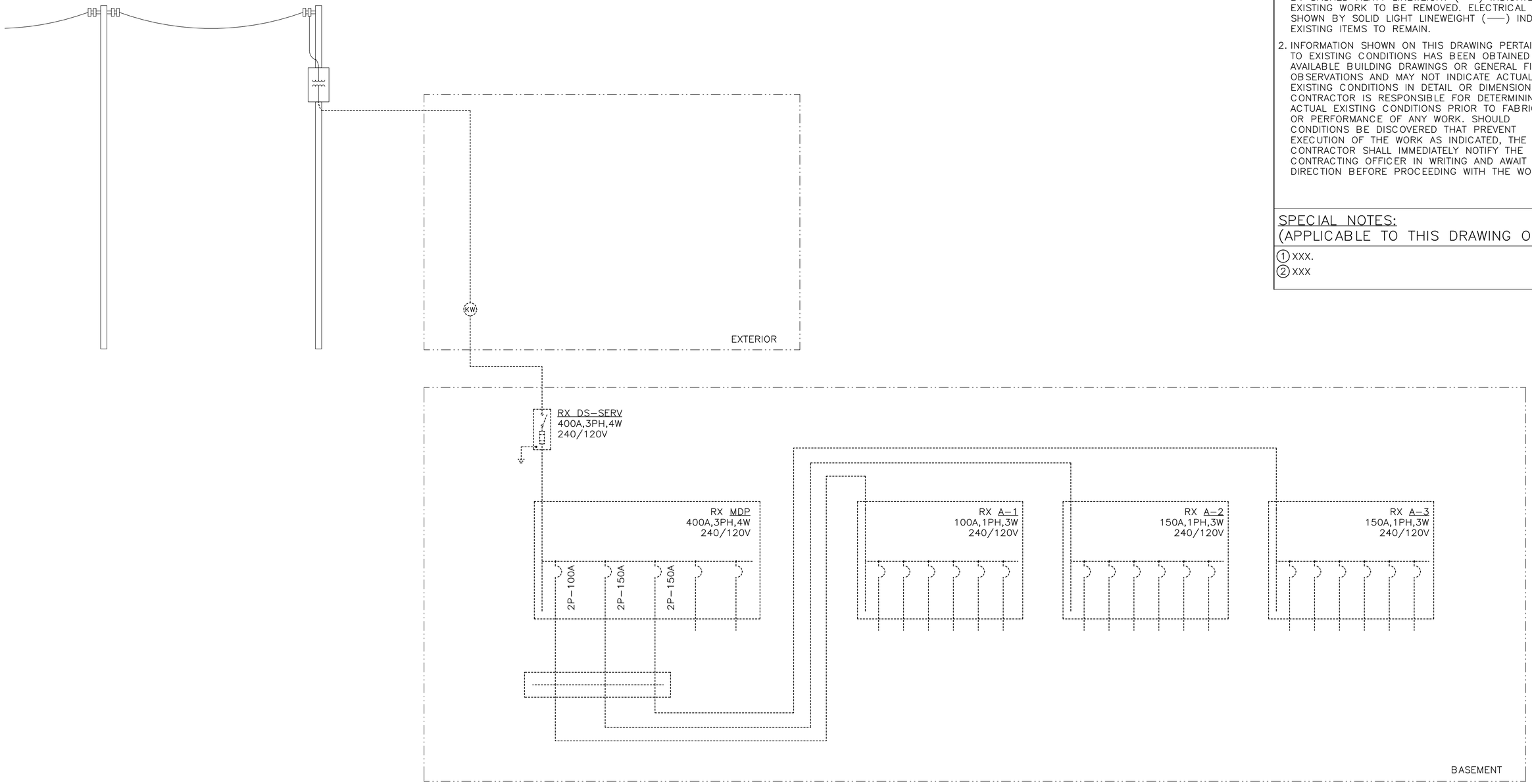

2 E5.4 TYPICAL IT RACK INSTALLATION
NO SCALE




1 E5.4 TYPICAL TELEPHONE AND DATA OUTLET WIRING DIAGRAM
NO SCALE

| | | | |
|---|---|---|---|
| DESIGNE JLW<br>CADD JLW<br>TECH. JST<br>DATE: 1/10/2025 | SUB SHEET NO. E5.4 | TITLE OF SHEET<br>**ELECTRICAL DETAILS**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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1 E6.1 ELECTRICAL ONE-LINE DIAGRAM - DEMOLITION
NO SCALE

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

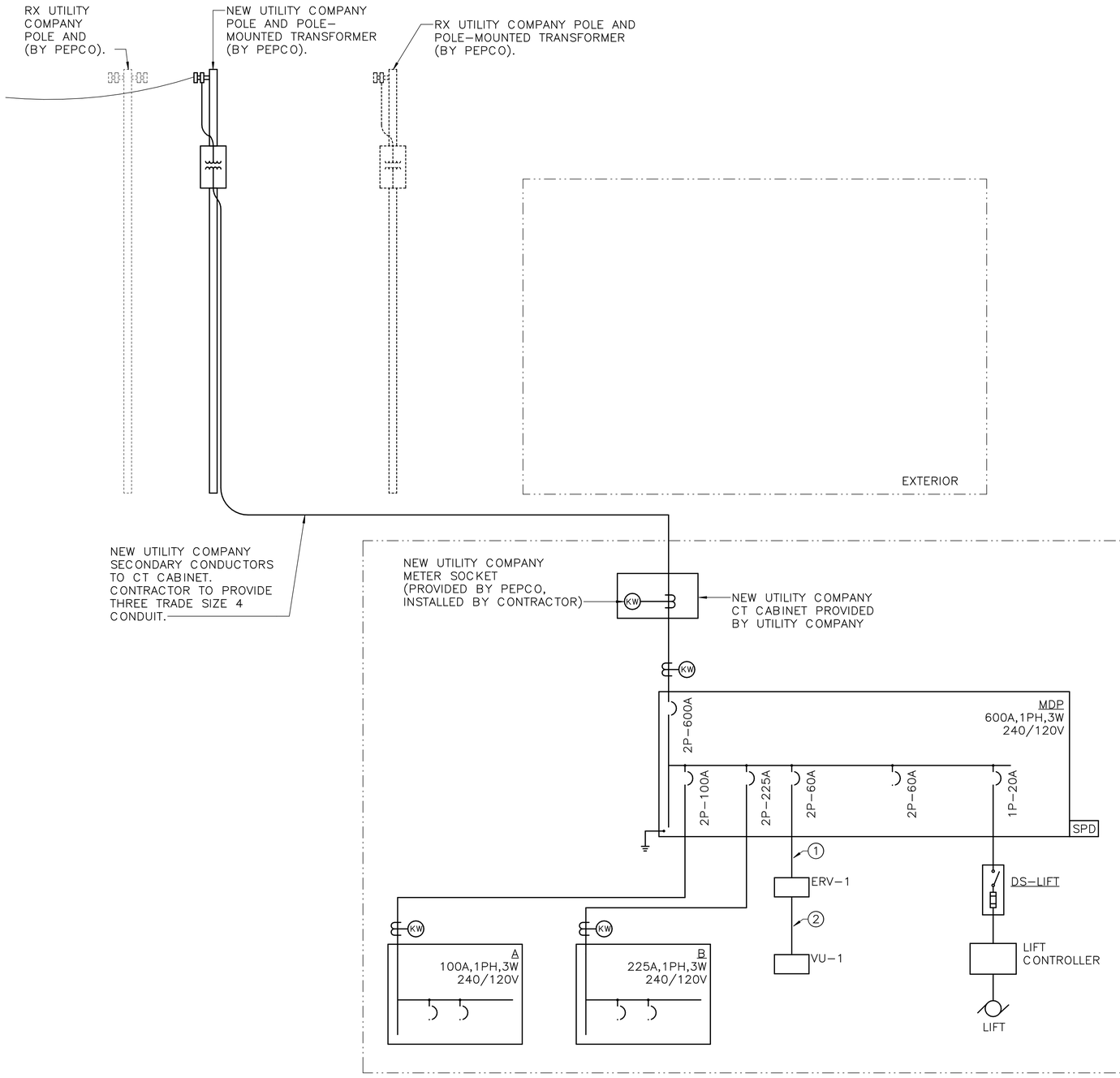
1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

① XXX.
② XXX

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO: E6.1 | TITLE OF SHEET: **ELECTRICAL ONE-LINE DIAGRAM - DEMOLITION**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603<br>PMIS/PKG: 312325<br>SHEET: ___ o X |

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## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) REFER TO MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE ON SHEET E8.2 FOR CONDUIT AND WIRING INFORMATION.
(2) 2#12+#12GW IN TRADE SIZE 3/4 CONDUIT.

1 / E6.2 ELECTRICAL ONE-LINE DIAGRAM – NEW WORK
NO SCALE

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>DRAWN: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO. E6.2 | TITLE OF SHEET<br>**ELECTRICAL ONE-LINE DIAGRAM - NEW WORK**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ OF X |

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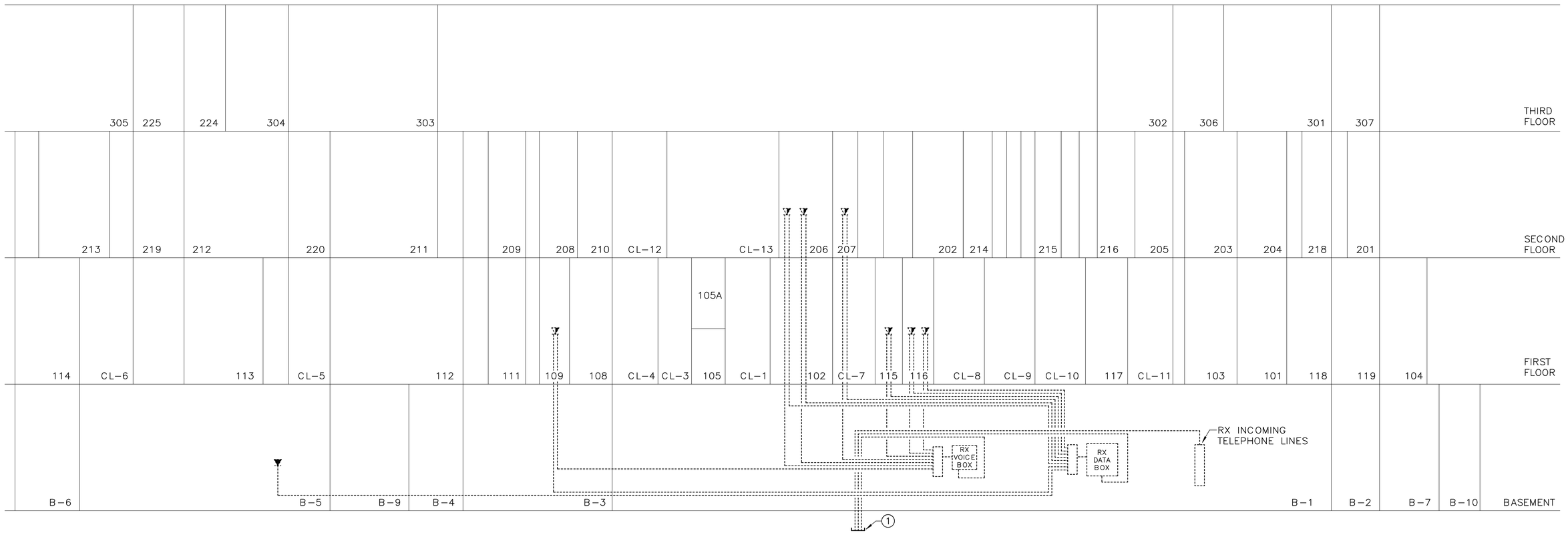
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) RX EXISTING TELEPHONE, VOICE AND DATA LINES OUTSIDE OF THE BUILDUING FOR CONNECTION TO NEW LINES IN THE NEW WORK PHASE.

(2) XXX

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.




1 / E6.3 COMMUNICATIONS RISER DIAGRAM – DEMOLITION
NO SCALE

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E6.3 | TITLE OF SHEET<br>COMMUNICATIONS RISER DIAGRAM - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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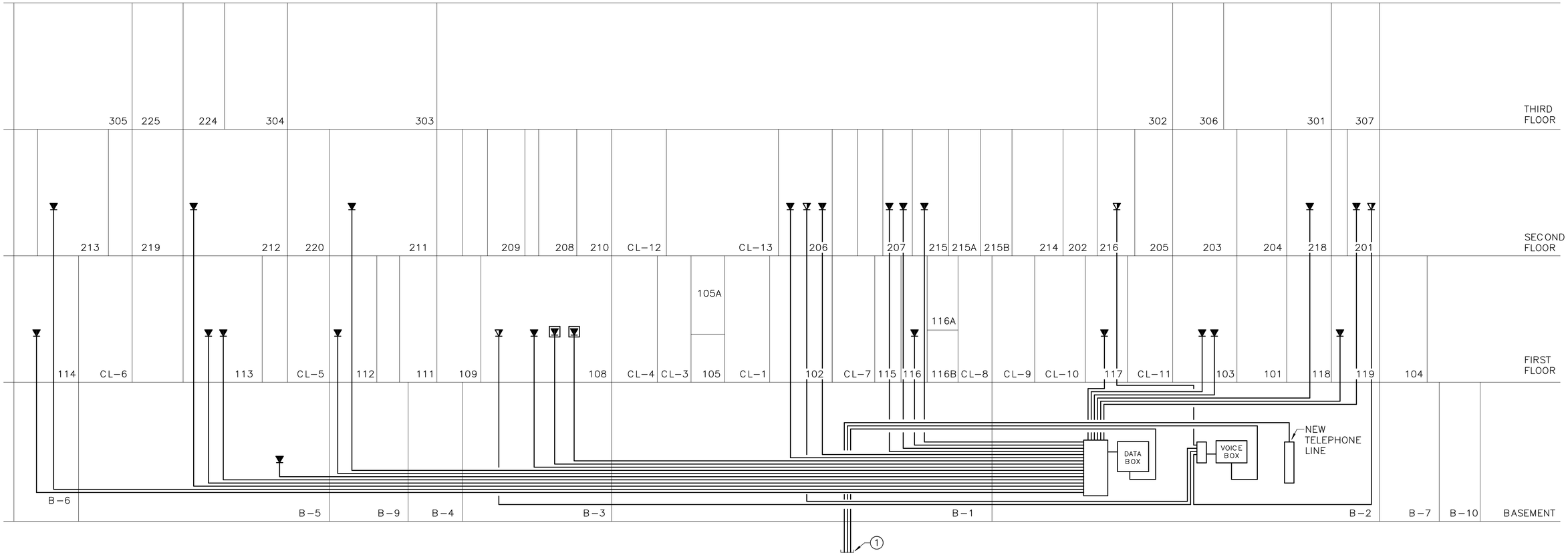
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) CONNECT NEW TELEHONE, VOICE AND DATA LINES TO PREVIOUS LINES SALVAGED IN THE DEMOLITION PHASE.

(2) XXX

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

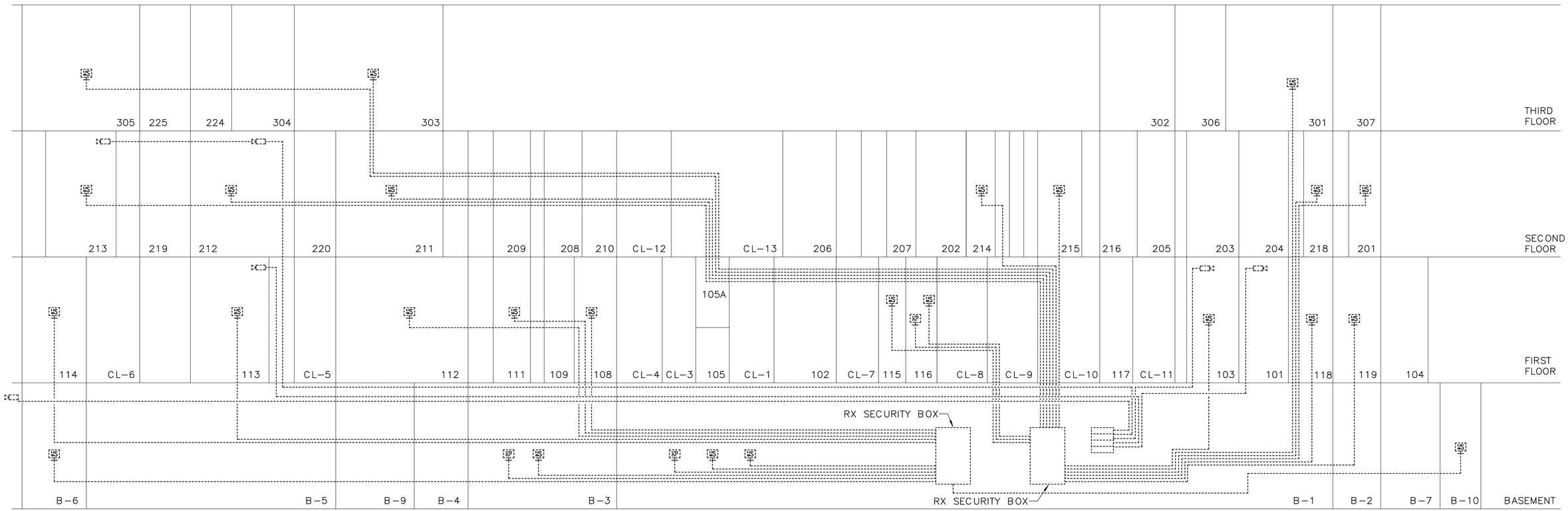



3 / E6.4 COMMUNICATIONS RISER DIAGRAM – NEW WORK
NO SCALE

| | | | |
|---|---|---|---|
| DESIGNE: JLW<br>DRAWN: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO. E6.4 | TITLE OF SHEET<br>**COMMUNICATIONS RISER DIAGRAM - NEW WORK**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ o X |

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| SPECIAL NOTES: (APPLICABLE TO THIS DRAWING ONLY) | DRAWING NOTES: (APPLICABLE TO THIS DRAWING ONLY) |
|---|---|
| (1) XXX.<br>(2) XXX | 1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (------) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.<br>2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK. |




1 / E6.5 SECURITY RISER DIAGRAM – DEMOLITION
NO SCALE

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| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO: E6.5 | TITLE OF SHEET: SECURITY RISER DIAGRAM - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603<br>PMIS/PKG: 312325<br>SHEET: ___ o X |

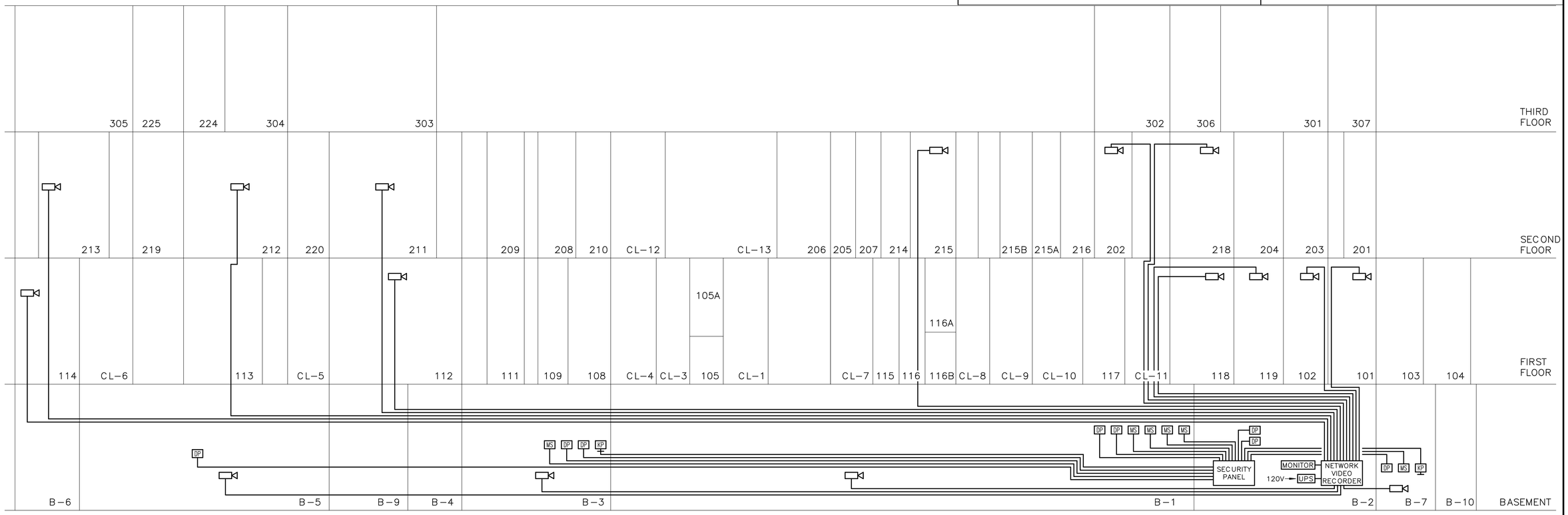
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## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.




1 / E6.6 SECURITY RISER DIAGRAM – NEW WORK
NO SCALE

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| DESIGNE: JLW<br>DRAWN: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO: E6.6 | TITLE OF SHEET: SECURITY RISER DIAGRAM - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895<br>179603<br>PMIS/PKG: 312325<br>SHEET: ___ o X |

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# LUMINAIRE SCHEDULE

| TYPE | MOUNTING | LUMINAIRE DESCRIPTION | MANUFACTURER | CATALOG NUMBER | LAMP | | | | | | DRIVER / BALLAST | | | VOLTAGE | INPUT WATTS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | TYPE | CRI | CCT | QTY | WATTS / LAMP | LUMENS / LAMP | TYPE | QTY | BALLAST FACTOR | | | |
| A1 | RECESSED | 48" X 2-1/4" X 4" LINEAR LUMINAIRE WITH EXTRUDED ALUMINUM HOUSING, DIFFUSE SPREAD OPTIC LENS, INTEGRAL DRIVER, AND WHITE FINISH. RECESS IN CEILING BETWEEN JOISTS. | FINELITE (BASIS-OF-DESIGN) | HP-2-R-D-4'-B-830-DSO-96LG-120-SC-FC-10%-VF-FE-SW | LED | 80 | 3000 | 1 | 19 | 1692 | 0-10V DIM | 1 | 1.00 | 120 | 19 | – |
| C1 | SURFACE | 48" X 3.5" X 3" LINEAR STRIP LUMINAIRE WITH STEEL HOUSING, FLAT DIFFUSE LENS, 3000 LUMEN PACKAGE, INTEGRAL DRIVER, AND BLACK FINISH. MOUNT BETWEEN JOISTS IN EXPOSED CEILING AREAS. | LITHONIA (BASIS-OF-DESIGN) | CLX-L48-3000LM-SEF-FDL-120-GZ10-30K-80CRI-MB-THCLX | LED | 80 | 3000 | 1 | 20 | 3000 | 0-10V DIM | 1 | 1.00 | 120 | 20 | – |
| C1E | SURFACE | 48" X 3.5" X 3" LINEAR STRIP LUMINAIRE WITH STEEL HOUSING, FLAT DIFFUSE LENS, 3000 LUMEN PACKAGE, INTEGRAL DRIVER AND BATTERY PACK, AND BLACK FINISH. MOUNT BETWEEN JOISTS IN EXPOSED CEILING AREAS. | LITHONIA (BASIS-OF-DESIGN) | CLX-L48-3000LM-SEF-FDL-120-GZ10-30K-80CRI-E10W-MB-THCLX | LED | 80 | 3000 | 1 | 20 | 3000 | 0-10V DIM | 1 | 1.00 | 120 | 20 | – |
| C2 | SURFACE | 24" X 3.5" X 3" LINEAR STRIP LUMINAIRE WITH STEEL HOUSING, FLAT DIFFUSE LENS, 2000 LUMEN PACKAGE, INTEGRAL DRIVER, AND BLACK FINISH. MOUNT BETWEEN JOISTS IN EXPOSED CEILING AREAS. | LITHONIA (BASIS-OF-DESIGN) | CLX-L24-2000LM-SEF-FDL-120-GZ10-30K-80CRI-MB-THCLX | LED | 80 | 3000 | 1 | 15 | 2000 | 0-10V DIM | 1 | 1.00 | 120 | 15 | – |
| D1 | RECESSED | 3" DIAMETER X 4" HIGH DOWNLIGHT LUMINAIRE WITH 30 DEGREE BEAM, INSTALL FROM BELOW INTEGRAL DRIVER AND FLEX DRIVER CASE, AND WHITE TRIM FINISH. | USAI (BASIS-OF-DESIGN) | S2RD-F-09V2M-30KS-30-P1-WH-WH-RT-UNV-D6E | LED | 80 | 3000 | 1 | 9 | 1000 | 0-10V DIM | 1 | 1.00 | 120 | 9 | – |
| D2 | SURFACE | 14" WIDE X 13" SCHOOL HAUS STYLE LUMINAIRE WITH WHITE GLASS DIFFUSER, HEAVY GAUGE SPUN METAL CANOPY, INTEGRAL DRIVER, AND FINISH SELECTED BY ARCHITECT. | VISA LIGHTING (BASIS-OF-DESIGN) | CM1005-L30K(L)-MVOLT-FINISH | LED | 80 | 3000 | 1 | 19 | 2400 | 0-10V DIM | 1 | 1.00 | 120 | 19 | – |
| D3 | SURFACE | 16" DIAMETER X 4-3/4" HALF DOME LUMINAIRE WITH TRANSLUCENT WHITE ACRYLIC DIFFUSER, SPUN METAL TRIM, INTEGRAL DRIVER, AND FINISH SELECTED BY ARCHITECT. | VISA LIGHTING (BASIS-OF-DESIGN) | CM2038-L30K(H)-MVOLT-FINISH | LED | 80 | 3000 | 1 | 20 | 2100 | 0-10V DIM | 1 | 1.00 | 120 | 20 | – |
| D4 | RECESSED | 3" DIAMETER X 5" HIGH DOWNLIGHT LUMINAIRE WITH 30 DEGREE BEAM, INSTALL FROM BELOW INTEGRAL DRIVER AND FLEX DRIVER CASE, AND WHITE TRIM FINISH. | USAI (BASIS-OF-DESIGN) | S2RD-F-15V2M-30KS-30-P1-WH-WH-RT-UNV-D6E | LED | 80 | 3000 | 1 | 15 | 1400 | 0-10V DIM | 1 | 1.00 | 120 | 15 | – |
| S | SURFACE | 16" X 4" HALF DOME WALL SCONCE WITH WHITE ACRYLIC DIFFUSER, AND FINISH SELECTED BY CONTRACTING OFFICER. | TERON (BASIS-OF-DESIGN) | NES-STD-L10.5-LT-UNIV-FINISH-30K | LED | 80 | 3000 | 1 | 10.5 | 1158 | ELV DIM | 1 | 1.00 | 120 | 10.5 | – |
| W1 | SURFACE | 50" X 5" X 4" WALL LUMINAIRE WITH STEEL HOUSING, IMPACT MODIFIED LINEAR REFRACTOR, INTEGRAL DRIVER AND OCCUPANCY SENSOR, INTEGRAL BATTERY PACK, AND WHITE FINISH. | LITHONIA (BASIS-OF-DESIGN) | WL4-20L-GZ10-LP830-MSD7-E10W | LED | 80 | 3000 | 1 | 19 | 2050 | 0-10V DIM | 1 | 1.00 | 120 | 19 | – |
| W2 | SURFACE | 24" X 2-1/4" X 3" VANITY LUMINAIRE WITH STEEL HOUSING, CLEAR ACRYLIC LENS, WHITE INNER DIFFUSER, INTEGRAL DRIVER, AND FINISH SELECTED BY CONTRACTING OFFICER. | TERON (BASIS-OF-DESIGN) | VCY-24-ODL-L12.0-LT-UNIV-FINISH-30K | LED | 80 | 3000 | 1 | 12 | 1300 | ELV DIM | 1 | 1.00 | 120 | 12 | – |
| XB | BOLLARD | 22" TALL FULL CUT-OFF BOLLARD LUMINAIRE WITH EXTRUDED ALUMINUM HOUSING, CLEAR SAFETY GLASS, ASYMMETRIC DISTRIBUTION, AND FINISH SELECTED BY CONTRACTING OFFICER. | BEGA (BASIS-OF-DESIGN) | 99 056-K3-FINISH | LED | 80 | 3000 | 1 | 14 | 1361 | 0-10V DIM | 1 | 1.00 | 120 | 14 | – |

NOTES: (APPLICABLE TO LUMINAIRE SCHEDULE ONLY)

1. LAMP TYPES ARE INDICATED BY INDUSTRY GENERIC DESIGNATIONS.
2. CATALOG NUMBERS FOR LUMINAIRES INDICATE THE TYPE AND QUALITY OF THE LUMINAIRE TO BE PROVIDED BY THE CONTRACTOR AND ARE GENERAL IN NATURE. THE CATALOG NUMBERS ARE NOT INTENDED TO INDICATE AN ACTUAL ORDER MODEL NUMBER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LUMINAIRES WITH THE TYPE OF LAMP, BALLAST, LENS OR DIFFUSER, AND CONSTRUCTION FEATURES AS INDICATED IN THE SPECIFICATIONS.
3. WHERE A LUMINAIRE IS NOTED AS "NO EQUAL," SUBSTITUTIONS WILL NOT BE ACCEPTED. EQUIVALENT LUMINAIRES WILL BE ACCEPTED PROVIDED THEY ARE PROVEN TO BE EQUAL TO, OR BETTER THAN, THE SPECIFIED LUMINAIRE IN ALL RESPECTS. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, CONSTRUCTION FEATURES, APPEARANCE, AND PERFORMANCE. SUBMIT THE FOLLOWING FOR EACH PROPOSED SUBSTITUTION:
   A. POINT-BY-POINT COMPARATIVE DATA IN SIDE-BY-SIDE FORMAT COMPARING FEATURES OF SUBSTITUTE LUMINAIRE TO BASIS-OF-DESIGN LUMINAIRE.
   B. ALL REQUIREMENTS OF DIVISION 1 SECTION "SUBSTITUTION PROCEDURES."
4. COORDINATE CONTROL COMPATIBILITY BETWEEN BALLAST/DRIVER TYPES FOR ALL DIMMED LUMINAIRES WITH MANUFACTURER AND MODEL OF DIMMING CONTROL DEVICES.
5. PROVIDE EXIT SIGNS WITH SINGLE FACE OR DOUBLE FACE AND WITH OR WITHOUT CHEVRONS AS INDICATED ON THE DRAWINGS. PROVIDE RED OR GREEN LETTERING AS REQUIRED BY AHJ.
6. ALL MOUNTING HEIGHTS SHALL BE AS INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CONTRACTING OFFICER. MOUNTING HEIGHTS OF WALL MOUNTED LUMINAIRES SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE LUMINAIRE. MOUNTING HEIGHTS OF CEILING SUSPENDED LUMINAIRES SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE BOTTOM OF THE LUMINAIRE.

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| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>E8.1 | TITLE OF SHEET<br>LUMINAIRE SCHEDULE<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING 895 179603<br>PMIS/PKG 312325<br>SHEET ___ OF X |

## MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE

| EQUIPMENT DESIGNATION | KW | HP | MCA | MOCP | FLA | VOLTAGE | PHASE | LOAD (kVA) | WIRING | DISCONNECTING MEANS | CONTROL MEANS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CONTROLLER–ERV–1 | | | 0.3 | 15 | 0.2 | 240 | 1 | 0.05 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | – | 1,2 |
| DWH–1 | 4 | | 21 | 35 | 16.7 | 240 | 1 | 4.00 | 2#10+#10GW IN 3/4"C | DS–DWH–1 | BY MECHANICAL | 1,2 |
| ERV–1 | | | 57.85 | 60 | 46.7 | 240 | 1 | 11.20 | 2#4+#10GW IN 1"C | DS–ERV–1 | CONTROLLER–ERV–1 | 1,2 |
| FCU–1.1 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–1.2 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–1.3 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–1.4 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–1.5 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–1.6 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.1 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.2 | | | 0.3 | 15 | 0.2 | 240 | 1 | 0.05 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.3 | | | 0.5 | 15 | 0.3 | 240 | 1 | 0.08 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.4 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.5 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.6 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–2.7 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–3.1 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–3.2 | | | 0.5 | 15 | 0.3 | 240 | 1 | 0.08 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–3.3 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–3.4 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.1 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.2 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.3 | | | 0.5 | 15 | 0.3 | 240 | 1 | 0.08 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.4 | | | 0.3 | 15 | 0.2 | 240 | 1 | 0.05 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.5 | | | 0.6 | 15 | 0.4 | 240 | 1 | 0.10 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.6 | | | 4.9 | 15 | 3.8 | 240 | 1 | 0.90 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–4.7 | | | 8.6 | 15 | 6.8 | 240 | 1 | 1.62 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–5.1 | | 1/4 | 7.25 | 15 | 5.8 | 240 | 1 | 1.40 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–5.2 | | 1/4 | 7.25 | 15 | 5.8 | 240 | 1 | 1.40 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–5.3 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–6.1 | | 1/4 | 7.25 | 15 | 5.8 | 240 | 1 | 1.40 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–6.2 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–6.3 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–6.4 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–7.1 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–7.2 | | 1/4 | 7.25 | 15 | 5.8 | 240 | 1 | 1.40 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–8.1 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–8.2 | | 1/4 | 3.6 | 15 | 2.9 | 240 | 1 | 0.70 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| FCU–8.3 | | 1/4 | 7.25 | 15 | 5.8 | 240 | 1 | 1.40 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| HPU–1 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HPU–2 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HPU–3 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HPU–4 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HPU–5 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HPU–6 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HPU–7 | | | | | 0.0 | 240 | 1 | 0.00 | | | | |
| HYDROBOX–1 | | | 2.5 | 15 | 2.0 | 240 | 1 | 0.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| HYDROBOX–2 | | | 2.5 | 15 | 2.0 | 240 | 1 | 0.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| HYDROBOX–3 | | | 2.5 | 15 | 2.0 | 240 | 1 | 0.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| HYDROBOX–4 | | | 2.5 | 15 | 2.0 | 240 | 1 | 0.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| UH–1 | 3 | | 18.2 | 25 | 14.5 | 240 | 1 | 3.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| UH–2 | 3 | | 18.2 | 25 | 14.5 | 240 | 1 | 3.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| UH–3 | 3 | | 18.2 | 25 | 14.5 | 240 | 1 | 3.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| UH–4 | 3 | | 18.2 | 25 | 14.5 | 240 | 1 | 3.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| UH–5 | 3 | | 18.2 | 25 | 14.5 | 240 | 1 | 3.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |
| UH–6 | 3 | | 18.2 | 25 | 14.5 | 240 | 1 | 3.48 | 2#12+#12GW IN 3/4"C | MANUAL MOTOR SWITCH | BY MECHANICAL | 1,2 |

NOTES: (APPLICABLE TO MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE ONLY)

1. REVIEW EQUIPMENT SUBMITTALS FROM OTHER TRADES PRIOR TO ORDERING OR INSTALLING ASSOCIATED ELECTRICAL WORK. ELECTRICAL CONTRACTOR SHALL MODIFY COMPONENTS OF THE ELECTRICAL CONNECTIONS AS NECESSARY TO MATCH NAMEPLATE DATA OF APPROVED EQUIPMENT AND PROVIDE A CODE COMPLIANT INSTALLATION, INCLUDING BUT NOT LIMITED TO CIRCUIT BREAKERS, WIRE, CONDUITS, CONNECTION TYPES, SWITCHES, AND FUSES. CHANGE ORDERS AND EXTRAS WILL NOT BE AWARDED FOR FAILURE TO COORDINATE WITH OTHER TRADES' EQUIPMENT SUBMITTALS.
2. PROVIDE NECESSARY SUPPORTING STRUT CHANNEL AND ALL MISCELLANEOUS HARDWARE FOR MOUNTING ELECTRICAL EQUIPMENT. MAINTAIN NEC WORKING CLEARANCES. FIELD COORDINATE EXACT LOCATIONS. DO NOT MOUNT ON EQUIPMENT ACCESS PANELS OR IN EQUIPMENT MANUFACTURERS' RECOMMENDED MAINTENANCE CLEARANCES. COORDINATE EXACT LOCATION OF SAFETY SWITCHES WITH MECHANICAL EQUIPMENT/CONTRACTOR.

## DISCONNECT SWITCH SCHEDULE

| DESIGNATION | AMP RATING | POLES | VOLT RATING | FUSE AMPS | FUSE CLASS | NEMA ENCLOSURE | NOTES |
|---|---|---|---|---|---|---|---|
| DS–DWH–1 | 30 | | | | | | |
| DS–HPU–1 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–HPU–2 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–HPU–3 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–HPU–4 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–HPU–5 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–HPU–6 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–HPU–7 | 30 | 2 | 240 | | RK1 | 3R | 1,2,3,4 |
| DS–LIFT | 30 | 1 | 120 | 20 | RK1 | 3R | 1,2,3,4 |

NOTES: (APPLICABLE TO DISCONNECT SWITCH SCHEDULE ONLY)

1. PROVIDE FUSE AND COORDINATE EXACT EQUIPMENT FUSE SIZE WITH MOTOR OR EQUIPMENT NAMEPLATE DATA DURING CONSTRUCTION.
2. ALL DISCONNECT SWITCHES SHALL BE HEAVY DUTY TYPE WITH GROUND LUG.
3. PROVIDE ALL FUSIBLE DISCONNECT SWITCHES WITH CLASS R FUSE KIT.
4. LABEL DISCONNECT SWITCHES WITH THE DESIGNATION IDENTIFIED IN THIS SCHEDULE AND THE CIRCUIT NUMBER AND PANELBOARD FROM WHICH IT IS FED, INCLUDING VOLTAGE AND PHASE.

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|---|---|---|---|
| DESIGNE: JLW | SUB SHEET NO. E8.2 | TITLE OF SHEET: ELECTRICAL EQUIPMENT SCHEDULES<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603 |
| CADD: JLW | | | PMIS/PKG: 312325 |
| TECH.: JST | | | SHEET: ___ OF X |
| DATE: 1/10/2025 | | | |

## PANEL SCHEDULE NOTES:
## (APPLICABLE TO PANEL SCHEDULES NOTE COLUMN ON THIS DRAWING ONLY)

1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING AVAILABLE SPACE. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING.
2. REMOVE EXISTING CIRCUIT BREAKER AND PROVIDE NEW IN SAME LOCATION. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING. TURN OVER EXISTING CIRCUIT BREAKER TO OWNER FOR USE AS SPARE.
3. CONNECT NEW LOAD TO EXISTING SPARE CIRCUIT BREAKER.
4. CONNECT NEW LOAD TO EXISTING CIRCUIT BREAKER MADE SPARE AFTER DEMOLITION.
5. REMOVE EXISTING LOAD AND RELABEL EXISTING CIRCUIT BREAKER AS "SPARE".

## RX PANEL A–1

BUS AMPACITY: 100 A
MAIN TYPE: 100 A MLO
SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE
MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS

MOUNTING: SURFACE
SECTIONS: 1
ENCLOSURE: NEMA 1
LOCATION: STORAGE B–1

SERVICE TYPE: NORMAL
MANUFACTURER: TRULAND TYPE: QO LC

| CKT | LOAD DESCRIPTION | P | TA | AUX/NOTE | A | | B | | AUX/NOTE | TA | P | LOAD DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPARE | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | SPARE | 2 |
| 3 | SPARE | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | SPARE | 4 |
| 5 | SPARE | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | SPARE | 6 |
| 7 | SPARE | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | SPARE | 8 |
| 9 | SPARE | 1 | 20 | | 0.00 | 0.00 | | | | 15 | 1 | SPARE | 10 |
| 11 | SPARE | 2 | 30 | | | | 0.00 | 0.00 | | 15/15 | 1 | SMALL FIRE PANEL | 12 |
| 13 | | | | | 0.00 | -- | | | | -- | 1 | SPACE | 14 |
| 15 | SPARE | 1 | 20 | | | | 0.00 | -- | | -- | 1 | SPACE | 16 |
| 17 | SPARE | 1 | 20 | | 0.00 | -- | | | | -- | 1 | SPACE | 18 |
| 19 | SPARE | 1 | 20 | | | | 0.00 | -- | | -- | 1 | SPACE | 20 |
| 21 | SPARE | 1 | 20 | | 0.00 | -- | | | | -- | 1 | SPACE | 22 |
| 23 | BIG FIRE PANEL | 1 | 15/15 | | | | 0.00 | -- | | -- | 1 | SPACE | 24 |
| | | | | PHASE LOAD: | 0.00 kVA | | 0.00 kVA | | | | | | |
| | | | | PHASE AMPS: | 0 A | | 0 A | | | | | | |

| PANEL TOTALS | |
|---|---|
| CONNECTED LOAD: | 0.00 kVA |
| DEMAND LOAD: | 0.00 kVA |
| DEMAND AMPS: | 0 A |

- [X] GROUND BUS
- [ ] SERVICE ENTRANCE LABEL
- [ ] INTEGRAL SPD/TVSS
- [ ] 200% NEUTRAL BUS & LUGS
- [ ] ISOLATED GROUND BUS
- [ ] FEED THROUGH LUGS

AUXILIARIES:
- a AFCI BREAKER
- b GFCI BREAKER (5mA)
- c GFEP BREAKER (30mA)
- d SHUNT TRIP BREAKER
- e HANDLE PADLOCK
- f HANDLE CLAMP
- g RED BREAKER LOCKOUT

## RX PANEL MDP

BUS AMPACITY: 200 A
MAIN TYPE: 200 A MLO
SERVICE: 240 VOLTS W/ CENTER TAP 120 VOLTS, 3 PHASE, ...
MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS

MOUNTING: SURFACE
SECTIONS: 1
ENCLOSURE: NEMA 1
LOCATION: STORAGE B–1

SERVICE TYPE: NORMAL
MANUFACTURER: TRULAND TYPE: QO LC

| CKT | LOAD DESCRIPTION | P | TA | AUX/NOTE | A | | B | | C | | AUX/NOTE | TA | P | LOAD DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 0.00 | 0.00 | | | | | | | | | 2 |
| 3 | PANEL A–2 | 2 | 150 | | | | 0.00 | 0.00 | | | | 30 | 2 | BASEMENT RANGE REC | 4 |
| 5 | | | | | | | | | 0.00 | -- | | -- | 1 | SPACE | 6 |
| 7 | { } | 2 | 20 | | 0.00 | 0.00 | | | | | | 30 | 2 | A/C CONDENSER REAR OF HOUSE | 8 |
| 9 | { } | 2 | 20 | | | | 0.00 | 0.00 | | | | | | | 10 |
| 11 | | | | | | | | | 0.00 | -- | | -- | 1 | SPACE | 12 |
| 13 | | | | | 0.00 | 0.00 | | | | | | | | | 14 |
| 15 | PANEL A–1 | 3 | 100 | | | | 0.00 | 0.00 | | | | 50 | 2 | 2ND FLOOR RANGE | 16 |
| 17 | | | | | | | | | 0.00 | -- | | -- | 1 | SPACE | 18 |
| 19 | | | | | 0.00 | 0.00 | | | | | | 15 | 1 | 2ND FLOOR KITCHEN REC | 20 |
| 21 | PANEL A–3 | 2 | 20 | | | | 0.00 | 0.00 | | | | 15 | 1 | 2ND FLOOR KITCHEN REC | 22 |
| 23 | { } | 2 | 20 | | | | | | 0.00 | -- | | -- | 1 | SPACE | 24 |
| 25 | | | | | 0.00 | 0.00 | | | | | | 15 | 1 | SUMP PUMP, CURATOR... | 26 |
| 27 | { } | 2 | 20 | | | | 0.00 | 0.00 | | | | 15 | 1 | PANEL REC | 28 |
| 29 | | | | | | | | | 0.00 | -- | | -- | 1 | SPACE | 30 |
| | | | | PHASE LOAD: | 0.00 kVA | | 0.00 kVA | | 0.00 kVA | | | | | | |
| | | | | PHASE AMPS: | 0 A | | 0 A | | 0 A | | | | | | |

| PANEL TOTALS | |
|---|---|
| CONNECTED LOAD: | 0.00 kVA |
| DEMAND LOAD: | 0.00 kVA |
| DEMAND AMPS: | 0 A |

- [X] GROUND BUS
- [ ] SERVICE ENTRANCE LABEL
- [ ] INTEGRAL SPD/TVSS
- [ ] 200% NEUTRAL BUS & LUGS
- [ ] ISOLATED GROUND BUS
- [ ] FEED THROUGH LUGS

AUXILIARIES:
- a AFCI BREAKER
- b GFCI BREAKER (5mA)
- c GFEP BREAKER (30mA)
- d SHUNT TRIP BREAKER
- e HANDLE PADLOCK
- f HANDLE CLAMP
- g RED BREAKER LOCKOUT

## RX PANEL A–2

BUS AMPACITY: 150 A
MAIN TYPE: 150 A MLO
SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE
MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS

MOUNTING: SURFACE
SECTIONS: 1
ENCLOSURE: NEMA 1
LOCATION: STORAGE B–1

SERVICE TYPE: NORMAL
MANUFACTURER: TRULAND TYPE: QO LC

| CKT | LOAD DESCRIPTION | P | TA | AUX/NOTE | A | | B | | AUX/NOTE | TA | P | LOAD DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 2 |
| 3 | BASEMENT STRG RECS | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | A/V STORAGE LTS | 4 |
| 5 | BASEMENT LNDRY RM RECS | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | HALLWAY STORAGE QUAD REC | 6 |
| 7 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 8 |
| 9 | SPARE | 1 | 15 | | 0.00 | 0.00 | | | | 20 | 2 | BOILER PUMP | 10 |
| 11 | BASEMENT COM & A/V RECS | 1 | 15 | | | | 0.00 | 0.00 | | | | | 12 |
| 13 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 14 |
| 15 | SPARE | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | SPARE | 16 |
| 17 | SPARE | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | BASEMENT RECS | 18 |
| 19 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 20 |
| 21 | CURATOR OFFICE RECS | 1 | 15 | | 0.00 | 0.00 | | | | 30 | 2 | WATER HEATER | 22 |
| 23 | HALLWAY HEATER | 1 | 15 | | | | 0.00 | 0.00 | | | | | 24 |
| 25 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 26 |
| 27 | BASEMENT LTS & DOORBELL | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | SPARE | 28 |
| 29 | SPACE | 1 | -- | | -- | 0.00 | | | | 20 | 1 | SPARE | 30 |
| 31 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 32 |
| 33 | HPS FRONT OF HOUSE | 1 | 15 | | 0.00 | -- | | | | -- | 1 | SPACE | 34 |
| 35 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 36 |
| 37 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 38 |
| 39 | 1ST FLR BOOK STR LTS &... | 1 | 15 | | | | 0.00 | -- | | -- | 1 | SPACE | 40 |
| 41 | STEP LTS IN MAIN STAIRWAY | 1 | 15 | | 0.00 | -- | | | | -- | 1 | SPACE | 42 |
| | | | | PHASE LOAD: | 0.00 kVA | | 0.00 kVA | | | | | | |
| | | | | PHASE AMPS: | 0 A | | 0 A | | | | | | |

| PANEL TOTALS | |
|---|---|
| CONNECTED LOAD: | 0.00 kVA |
| DEMAND LOAD: | 0.00 kVA |
| DEMAND AMPS: | 0 A |

- [X] GROUND BUS
- [ ] SERVICE ENTRANCE LABEL
- [ ] INTEGRAL SPD/TVSS
- [ ] 200% NEUTRAL BUS & LUGS
- [ ] ISOLATED GROUND BUS
- [ ] FEED THROUGH LUGS

AUXILIARIES:
- a AFCI BREAKER
- b GFCI BREAKER (5mA)
- c GFEP BREAKER (30mA)
- d SHUNT TRIP BREAKER
- e HANDLE PADLOCK
- f HANDLE CLAMP
- g RED BREAKER LOCKOUT

## RX PANEL A–3

BUS AMPACITY: 150 A
MAIN TYPE: 150 A MLO
SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE
MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS

MOUNTING: SURFACE
SECTIONS: 1
ENCLOSURE: NEMA 1
LOCATION: STORAGE B–1

SERVICE TYPE: NORMAL
MANUFACTURER: TRULAND TYPE: QO LC

| CKT | LOAD DESCRIPTION | P | TA | AUX/NOTE | A | | B | | AUX/NOTE | TA | P | LOAD DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 2 |
| 3 | MICROWAVE | 1 | 20 | | | | 0.00 | -- | | -- | 1 | SPACE | 4 |
| 5 | 2ND FLR A/V RM & KITCH | 1 | 20 | | 0.00 | 0.00 | | | | 15 | 1 | BASEMENT BATH LTS | 6 |
| 7 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 8 |
| 9 | 1ST FLR LTS STAFF KITCH | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | APT LTS & RECS | 10 |
| 11 | OVERHEAD LTG MAIN HALL | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | FRONT PORCH LTG | 12 |
| 13 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 14 |
| 15 | DRYER | 2 | 30 | | | | 0.00 | 0.00 | | 15 | 1 | LAUNDRY RM REC | 16 |
| 17 | | | | | 0.00 | 0.00 | | | | 15 | 1 | SPARE | 18 |
| 19 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 20 |
| 21 | BATTERY PACK BASEMENT | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | BSMT APT LTG & RECS | 22 |
| 23 | 2ND FLR HALL RECS | 1 | 20 | | | | 0.00 | 0.00 | | 15 | 1 | KITCH/LIVING RM RECS | 24 |
| 25 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 26 |
| 27 | BASEMENT APT RECS | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | BASEMENT SEC & PHONE | 28 |
| 29 | BATHROOM HEATER | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | BASEMENT APT LTG & RECS | 30 |
| 31 | SPACE | 1 | -- | | | | -- | -- | | -- | 1 | SPACE | 32 |
| 33 | BASEMENT APT GFI RECS | 1 | 15 | | 0.00 | 0.00 | | | | 15 | 1 | HALL CLOSET LTG | 34 |
| 35 | BASEMENT BED RM RECS | 1 | 15 | | | | 0.00 | 0.00 | | 15 | 1 | BASEMENT LTG | 36 |
| 37 | SPACE | 1 | -- | | -- | -- | | | | -- | 1 | SPACE | 38 |
| 39 | 2ND FLR LNDRY RM RECS | 1 | 15 | | | | 0.00 | -- | | -- | 1 | SPACE | 40 |
| 41 | SPARE | 1 | 15 | | 0.00 | -- | | | | -- | 1 | SPACE | 42 |
| | | | | PHASE LOAD: | 0.00 kVA | | 0.00 kVA | | | | | | |
| | | | | PHASE AMPS: | 0 A | | 0 A | | | | | | |

| PANEL TOTALS | |
|---|---|
| CONNECTED LOAD: | 0.00 kVA |
| DEMAND LOAD: | 0.00 kVA |
| DEMAND AMPS: | 0 A |

- [X] GROUND BUS
- [ ] SERVICE ENTRANCE LABEL
- [ ] INTEGRAL SPD/TVSS
- [ ] 200% NEUTRAL BUS & LUGS
- [ ] ISOLATED GROUND BUS
- [ ] FEED THROUGH LUGS

AUXILIARIES:
- a AFCI BREAKER
- b GFCI BREAKER (5mA)
- c GFEP BREAKER (30mA)
- d SHUNT TRIP BREAKER
- e HANDLE PADLOCK
- f HANDLE CLAMP
- g RED BREAKER LOCKOUT

| | | | |
|---|---|---|---|
| DESIGNE: JLW | SUB SHEET NO: E8.3 | TITLE OF SHEET: PANELBOARD SCHEDULES - DEMOLITION<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 / 179603 |
| CADD: JLW | | | PMIS/PKG: 312325 |
| TECH.: JST | | | SHEET: ___ o X |
| DATE: 1/10/2025 | | | |

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## DISTRIBUTION PANEL MDP

**SERVICE TYPE: NORMAL**
**FED FROM:**

**BUS AMPACITY: 600 A**
**MAIN TYPE: 600 A MCB**
**SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE**
**MIN. RATING: 22K AIC RMS SYMMETRICAL AMPS**

**MOUNTING: SURFACE**
**SECTIONS:**
**ENCLOSURE: NEMA 1**
**LOCATION: STORAGE B-1**

| CKT | LOAD DESCRIPTION | AUX/NOTE | # OF POLES | FRAME | TRIP | Load |
|---|---|---|---|---|---|---|
| 1 | PANEL A | | 2 | 100 A | 100 A | 0.00 kVA |
| 2 | PANEL B | | 2 | 225 A | 225 A | 0.00 kVA |
| 3 | PLATFORM LIFT | | 1 | 20 A | 20 A | 0.20 kVA |
| 4 | SPD | | 2 | 30 A | 30 A | 0.00 kVA |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |

| PANEL TOTALS | |
|---|---|
| **CONNECTED LOAD:** | 0.20 kVA |
| **DEMAND LOAD:** | 0.20 kVA |
| **DEMAND AMPS:** | 1 A |

| | |
|---|---|
| X | GROUND BUS |
| | SERVICE ENTRANCE LABEL |
| | INTEGRAL SPD/TVSS |
| | 200% NEUTRAL BUS & LUGS |
| | ISOLATED GROUND BUS |
| | FEED THROUGH LUGS |

**AUXILIARIES:**

| | | | |
|---|---|---|---|
| a | AFCI BREAKER | e | HANDLE PADLOCK |
| b | GFCI BREAKER (5mA) | f | HANDLE CLAMP |
| c | GFEP BREAKER (30mA) | g | RED BREAKER LOCKOUT |
| d | SHUNT TRIP BREAKER | | |

## PANEL SCHEDULE NOTES:
(APPLICABLE TO PANEL SCHEDULES NOTE COLUMN ON THIS DRAWING ONLY)

1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING AVAILABLE SPACE. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING.
2. REMOVE EXISTING CIRCUIT BREAKER AND PROVIDE NEW IN SAME LOCATION. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING. TURN OVER EXISTING CIRCUIT BREAKER TO OWNER FOR USE AS SPARE.
3. CONNECT NEW LOAD TO EXISTING SPARE CIRCUIT BREAKER.
4. CONNECT NEW LOAD TO EXISTING CIRCUIT BREAKER MADE SPARE AFTER DEMOLITION.
5. REMOVE EXISTING LOAD AND RELABEL EXISTING CIRCUIT BREAKER AS "SPARE".

## PANEL A

SERVICE TYPE: NORMAL
FED FROM: MDP

BUS AMPACITY: 100 A
MAIN TYPE: 100 A MLO
SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE
MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS

MOUNTING: SURFACE
SECTIONS: 1
ENCLOSURE: NEMA 1
LOCATION: STORAGE B-1

| CKT | LOAD DESCRIPTION | P | TA | AUX/NOTE | A | B | AUX/NOTE | TA | P | LOAD DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | 34 |
| 35 | | | | | | | | | | | 36 |
| 37 | | | | | | | | | | | 38 |
| 39 | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | 42 |
| | PHASE LOAD: | | | | 0.00 kVA | 0.00 kVA | | | | | |
| | PHASE AMPS: | | | | 0 A | 0 A | | | | | |

| PANEL TOTALS | |
|---|---|
| CONNECTED LOAD: | 0.00 kVA |
| DEMAND LOAD: | 0.00 kVA |
| DEMAND AMPS: | 0 A |

| | |
|---|---|
| X | GROUND BUS |
| | SERVICE ENTRANCE LABEL |
| | INTEGRAL SPD/TVSS |
| | 200% NEUTRAL BUS & LUGS |
| | ISOLATED GROUND BUS |
| | FEED THROUGH LUGS |

AUXILIARIES:

| | | | |
|---|---|---|---|
| a | AFCI BREAKER | e | HANDLE PADLOCK |
| b | GFCI BREAKER (5mA) | f | HANDLE CLAMP |
| c | GFEP BREAKER (30mA) | g | RED BREAKER LOCKOUT |
| d | SHUNT TRIP BREAKER | | |

## PANEL B

SERVICE TYPE: NORMAL
FED FROM: MDP

BUS AMPACITY: 225 A
MAIN TYPE: 225 A MLO
SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE
MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS

MOUNTING: SURFACE
SECTIONS: 1
ENCLOSURE: NEMA 1
LOCATION: STORAGE B-1

| CKT | LOAD DESCRIPTION | P | TA | AUX/NOTE | A | B | AUX/NOTE | TA | P | LOAD DESCRIPTION | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | 2 |
| 3 | | | | | | | | | | | 4 |
| 5 | | | | | | | | | | | 6 |
| 7 | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | 10 |
| 11 | | | | | | | | | | | 12 |
| 13 | | | | | | | | | | | 14 |
| 15 | | | | | | | | | | | 16 |
| 17 | | | | | | | | | | | 18 |
| 19 | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | 22 |
| 23 | | | | | | | | | | | 24 |
| 25 | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | 28 |
| 29 | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | 34 |
| 35 | | | | | | | | | | | 36 |
| 37 | | | | | | | | | | | 38 |
| 39 | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | 42 |
| | PHASE LOAD: | | | | 0.00 kVA | 0.00 kVA | | | | | |
| | PHASE AMPS: | | | | 0 A | 0 A | | | | | |

| PANEL TOTALS | |
|---|---|
| CONNECTED LOAD: | 0.00 kVA |
| DEMAND LOAD: | 0.00 kVA |
| DEMAND AMPS: | 0 A |

| | |
|---|---|
| X | GROUND BUS |
| | SERVICE ENTRANCE LABEL |
| | INTEGRAL SPD/TVSS |
| | 200% NEUTRAL BUS & LUGS |
| | ISOLATED GROUND BUS |
| | FEED THROUGH LUGS |

AUXILIARIES:

| | | | |
|---|---|---|---|
| a | AFCI BREAKER | e | HANDLE PADLOCK |
| b | GFCI BREAKER (5mA) | f | HANDLE CLAMP |
| c | GFEP BREAKER (30mA) | g | RED BREAKER LOCKOUT |
| d | SHUNT TRIP BREAKER | | |

PANEL SCHEDULE NOTES (APPLICABLE TO PANEL SCHEDULES NOTE COLUMN ON THIS DRAWING ONLY):
1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING AVAILABLE SPACE. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING.
2. REMOVE EXISTING CIRCUIT BREAKER AND PROVIDE NEW IN SAME LOCATION. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING. TURN OVER EXISTING CIRCUIT BREAKER TO OWNER FOR USE AS SPARE.
3. CONNECT NEW LOAD TO EXISTING SPARE CIRCUIT BREAKER.
4. CONNECT NEW LOAD TO EXISTING CIRCUIT BREAKER MADE SPARE AFTER DEMOLITION.
5. REMOVE EXISTING LOAD AND RELABEL EXISTING CIRCUIT BREAKER AS "SPARE".

| | | | |
|---|---|---|---|
| DESIGNE: JLW | SUB SHEET NO. | TITLE OF SHEET | DRAWING: 895 / 179603 |
| DADD: Author | E8.4 | PANELBOARD SCHEDULES - NEW | PMIS/PKG: 312325 |
| TECH.: JST | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | SHEET: ___ OF X |
| DATE: 1/10/2025 | | | |

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## FIRE PROTECTION ABBREVIATIONS

(APPLICABLE TO ALL FIRE PROTECTION DRAWINGS)

| | |
|---|---|
| BFP | BACKFLOW PREVENTER |
| CW | COLD WATER |
| D | DEEP / DEPTH / DIAMETER / DRAIN / DROP |
| DN | DOWN |
| F | FIRE / FIRE LINE |
| FDC | FIRE DEPARTMENT CONNECTION |
| FDV | FIRE DEPARTMENT VALVE |
| FP | FIRE PROTECTION |
| FS | FLOW SWITCH |
| FT | FEET / FOOT |
| N | NORTH |
| SP | SPRINKLER PIPING |
| TS | TAMPER SWITCH |
| TYP | TYPICAL |
| W/ | WITH |

## FIRE PROTECTION LEGEND

(APPLICABLE TO ALL FIRE PROTECTION DRAWINGS)

| SYMBOL | DESCRIPTION |
|---|---|
| | COLD WATER |
| | PRESSURE GAUGE |
| | UNION |
| | SHUTOFF VALVE |
| F | FIRE LINE |
| SP | SPRINKLER PIPING |
| | ALARM CHECK VALVE |
| | FIRE SERVICE CHECK VALVE |
| | FLOW ALARM SWITCH |
| | SUPERVISED VALVE |
| | FIRE DEPARTMENT CONNECTION |
| | FIRE SERVICE DOUBLE CHECK BACKFLOW PREVENTER |

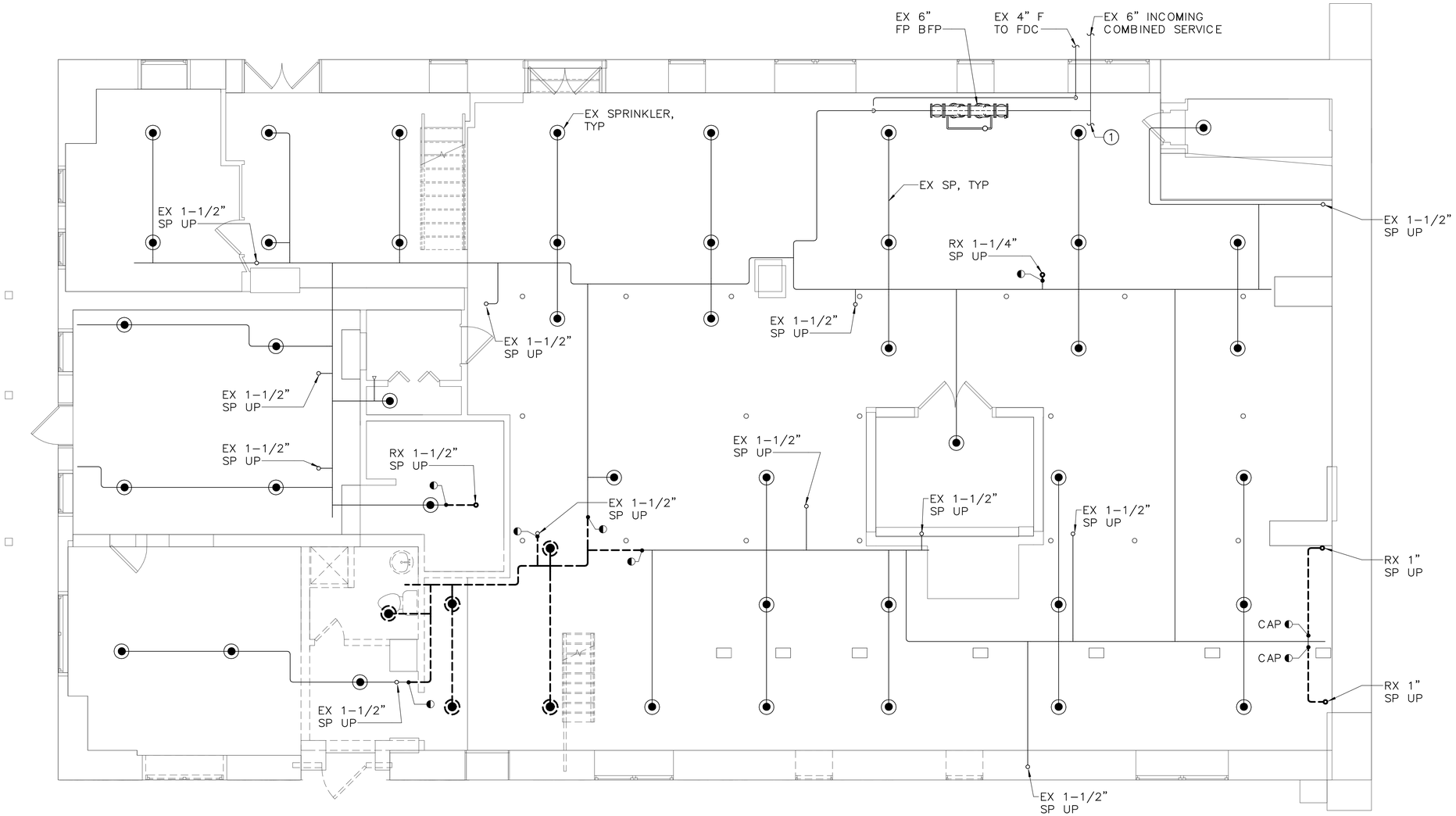
## GENERAL FIRE PROTECTION NOTES

(APPLICABLE TO ALL FIRE PROTECTION DRAWINGS)

1. PROVIDE A MODIFICATION TO THE EXISTING AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE BUILDING INCLUDING PIPING, HANGERS, SPRINKLERS, AND ALL ASSOCIATED EQUIPMENT. ALL WORK AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 13, IBC, LOCAL AND STATE AUTHORITIES AND THE SPECIFICATIONS.
2. SPRINKLER SYSTEM FOR THIS PROJECT SHALL BE HYDRAULICALLY DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13.
3. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH FABRICATION AND INSTALLATION OF WORK.
4. SPRINKLER SYSTEM SHALL BE A SINGLE WET PIPE TYPE THROUGHOUT THE ENTIRE FACILITY.
5. COORDINATE CONNECTION OF SPRINKLER FLOW AND SUPERVISORY DEVICES WITH FIRE ALARM DRAWINGS.
6. OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONDUCTING WELDING AND CUTTING OPERATIONS.
7. MAINTAIN MINIMUM 6' – 8" HEAD ROOM CLEARANCE BETWEEN BOTTOM OF SPRINKLER PIPE AND FLOOR INCLUDING ACCESS ROUTES IN MECHANICAL AND ELECTRICAL ROOMS.
8. UNLESS OTHERWISE NOTED, INSTALL PIPING OVERHEAD, TIGHT TO UNDERSIDE OF STRUCTURE.
9. INSTALL EXPOSED PIPING TO MAXIMIZE AESTHETICS AND MINIMIZE OBSTRUCTION TO OCCUPANTS. INSTALL PIPING AND VALVES TIGHT TO CEILINGS AND WALLS AS MUCH AS PRACTICAL WITH SPACE TO REMOVE ACCESSIBLE CEILINGS. COORDINATE PIPING WITH OTHER TRADES. PRIOR TO INSTALLATION, SUBMIT DRAWINGS TO COR FOR APPROVAL.
10. INSTALL PIPING SO THAT ALL VALVES ARE ACCESSIBLE.
11. COORDINATE FIRE PROTECTION WORK WITH THE WORK OF OTHER TRADES SHOWN ON OTHER DRAWINGS.
12. COORDINATE EXACT SPRINKLER HEAD LOCATIONS WITH LIGHTING FIXTURES, DIFFUSERS, GRILLES, DUCTS, STRUCTURAL MEMBERS, SPEAKERS, AND OTHER DEVICES AND OBSTRUCTIONS ENCOUNTERED.
13. SPRINKLERS INSTALLED IN PROXIMITY TO DUCTS AND OTHER OBSTRUCTIONS SHALL BE LOCATED TO MINIMIZE OBSTRUCTION TO DISCHARGE IN ACCORDANCE WITH NFPA 13.
14. PROVIDE SPRINKLER COVERAGE AROUND FIXED OBSTRUCTIONS, SUCH AS LARGE DUCTS, ETC. IN ACCORDANCE WITH NFPA 13.
15. LOCATE SPRINKLER HEADS IN ACCORDANCE WITH NFPA 13. PROVIDE ADDITIONAL HEADS TO SATISFY REQUIREMENTS OF SYMMETRY AND AESTHETICS.
16. INSTALL SPRINKLER PIPING SO THAT ALL PORTIONS CAN BE DRAINED BACK THROUGH DRAIN VALVES.
17. CERTAIN ITEMS SUCH AS RISES AND DROPS IN PIPING ARE INDICATED ON THE DRAWINGS FOR CLARITY OR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THESE ITEMS AS REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS.
18. PATCH PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRE STOPPING MATERIAL TO MAINTAIN THE RATING OF THE WALL.
19. CONCEAL ALL SPRINKLER PIPING IN AREAS PROVIDED WITH SUSPENDED CEILINGS.
20. REFER TO ARCHITECTURAL PLANS AND INTERIOR FINISH SCHEDULES FOR ALL CEILING HEIGHTS.
21. PROTECT SPRINKLERS SUBJECT TO MECHANICAL DAMAGE WITH GUARDS IN ACCORDANCE WITH NFPA 13.
22. DO NOT CUT, DRILL, BURN OR MODIFY STRUCTURAL MEMBERS AND SYSTEMS.
23. ARRANGE FOR APPROVAL OF SPRINKLER SYSTEM AND CONDUCT TESTS IN ACCORDANCE WITH NFPA 13.
24. SUBMIT FULLY COORDINATED SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND MANUFACTURER'S DATA SHEETS TO COR FOR APPROVAL BEFORE PURCHASE AND INSTALLATION. COORDINATE FINAL DESIGN OF THE SYSTEM WITH FILED CONDITIONS, THE COR AND AVAILABLE WATER SUPPLY.
25. PROVIDE ALL NECESSARY PARTS AND ACCESSORIES EVEN THOUGH THE PARTS AND ACCESSORIES ARE NOT SPECIFICALLY MENTIONED OR SHOWN HEREIN.
26. THE SPRINKLER SYSTEM SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE TO NFPA 13.
27. PROVIDE PIPE HANGERS IN ACCORDANCE WITH NFPA 13. HANGER MATERIALS SHALL BE UL LISTED AND FM APPROVED.
28. REFER TO SPECIFICATION SECTION 212000 FOR FIRE PROTECTION PIPING REQUIREMENTS. SCHEDULE 10 PIPE IS NOT PERMITTED.

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| DESIGNED: CEL<br>DRAWN: MAV<br>TECH. REVIEW: CEL<br>DATE: 01/10/2025 | SUB SHEET NO.<br>FP0.1 | TITLE OF SHEET<br>FIRE PROTECTION COVER SHEET<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO.<br>895<br>179603<br>PMIS/PKG NO.<br>312325<br>SHEET<br>___ OF X |

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1/9/2025 9:38:45 AM




1 FD1.0 BASEMENT – FIRE PROTECTION – DEMOLITION PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

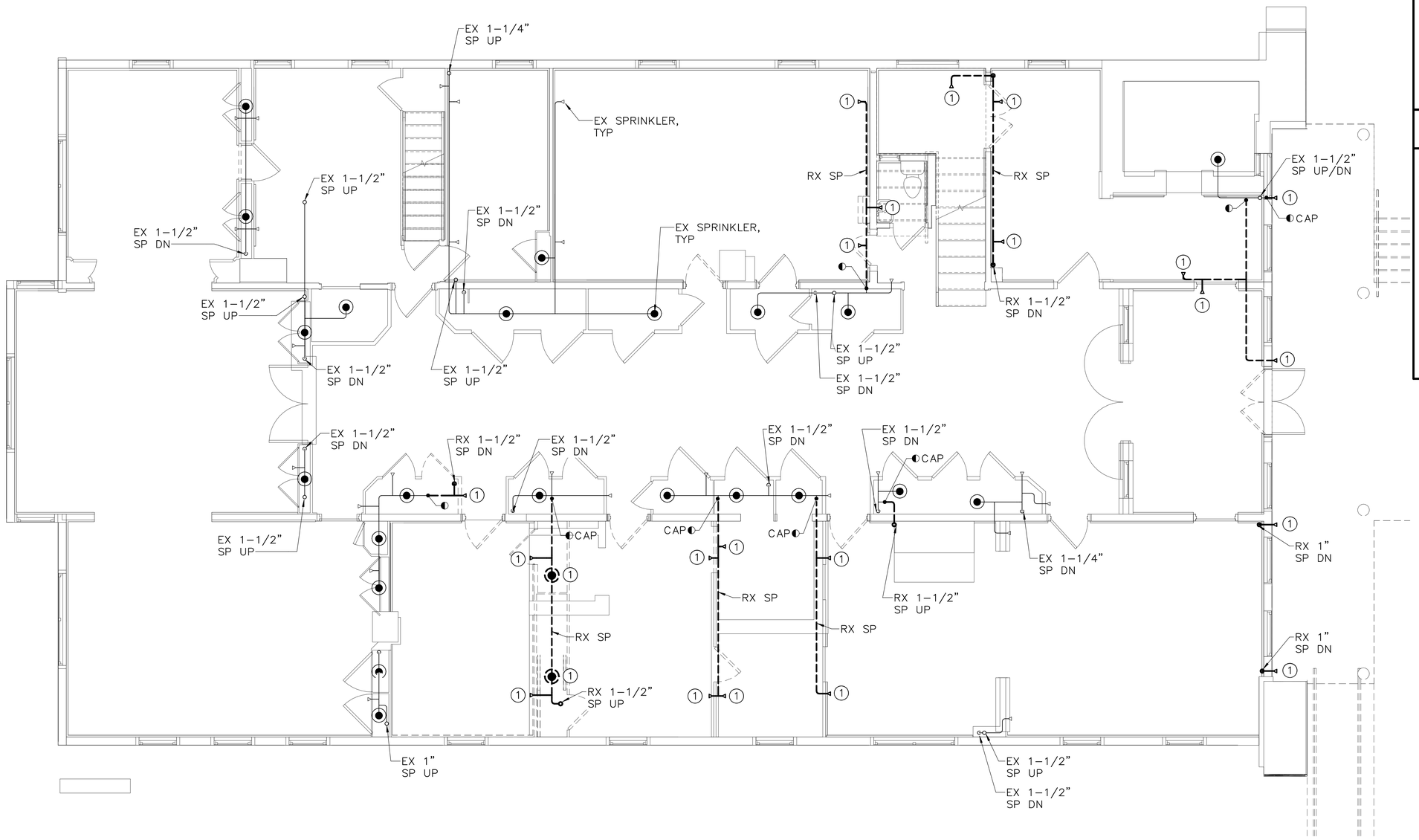
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. VERIFY THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, IMMEDIATELY NOTIFY THE COR IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) EX 2" CW. SEE PLUMBING DRAWINGS FOR CONTINUATION.
(2) NOT USED

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1 FD1.1 FIRST FLOOR – FIRE PROTECTION – DEMOLITION PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

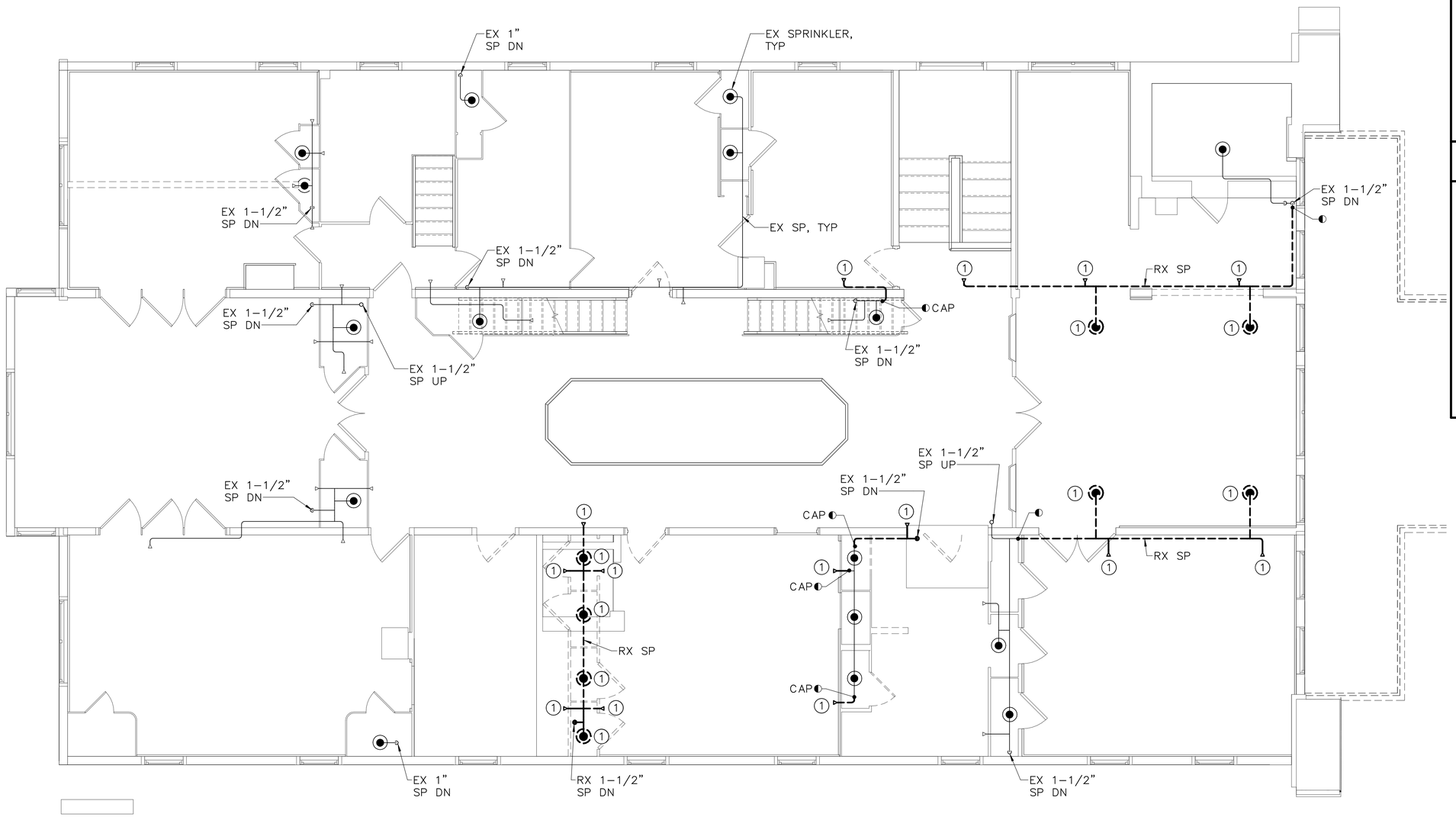
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DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) RX SPRINKLER
(2) NOT USED

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| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 FD1.2 SECOND FLOOR – FIRE PROTECTION – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

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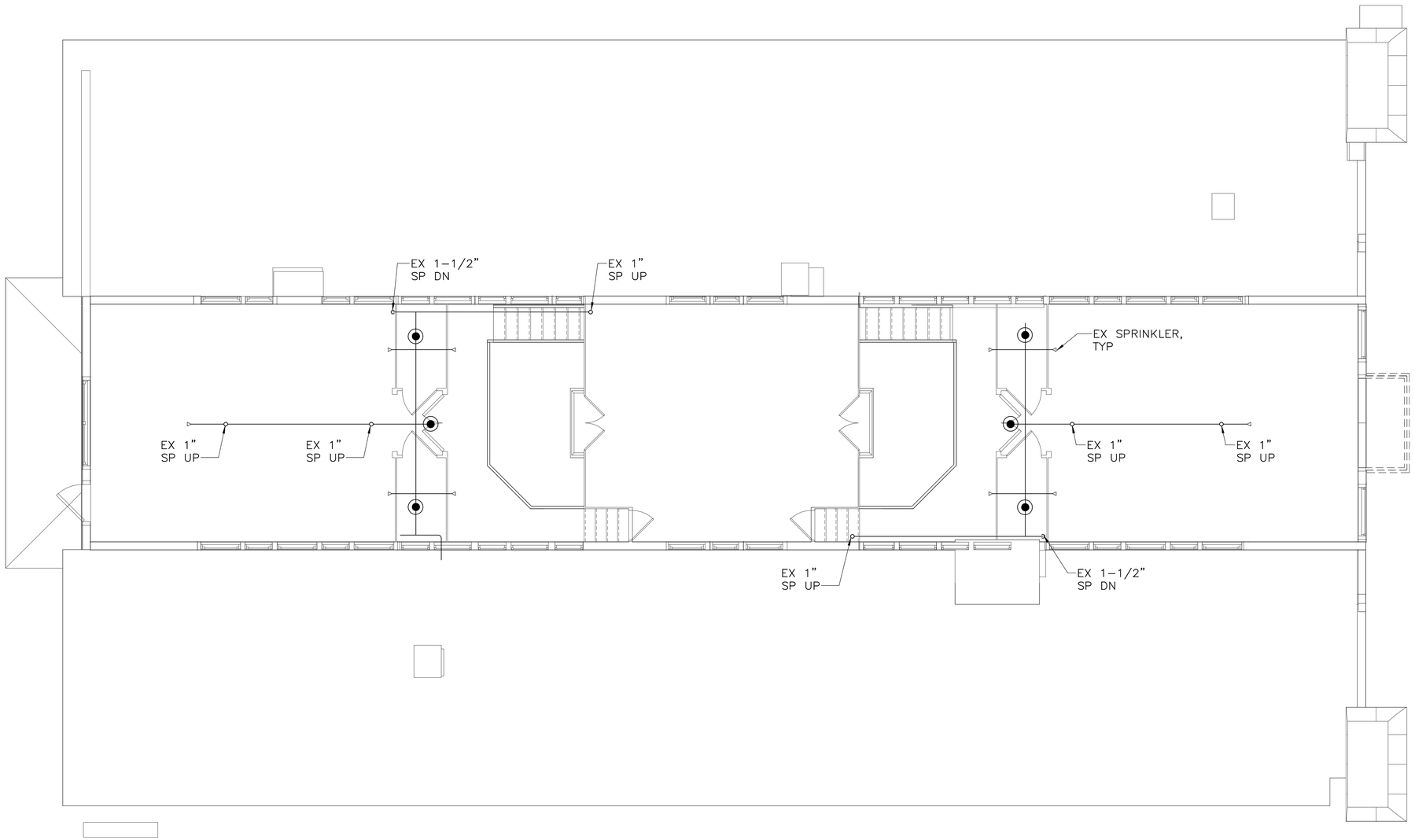
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(APPLICABLE TO THIS DRAWING ONLY)

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(2) NOT USED

4 0 4 8
SCALE OF FEET

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| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 FD1.3 THIRD FLOOR – FIRE PROTECTION – DEMOLITION PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. DEMOLITION WORK SHOWN WITH HEAVY WEIGHT DASHED LINE, – – – –
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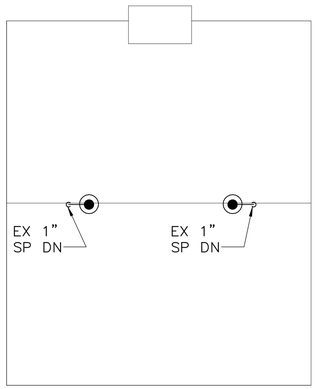
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(APPLICABLE TO THIS DRAWING ONLY)

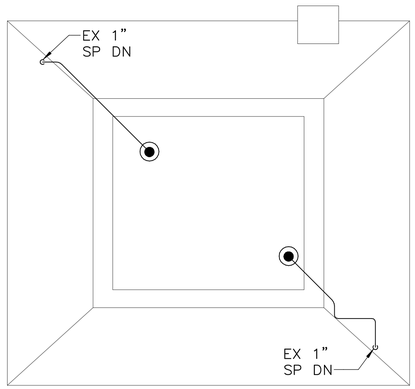
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(2) NOT USED

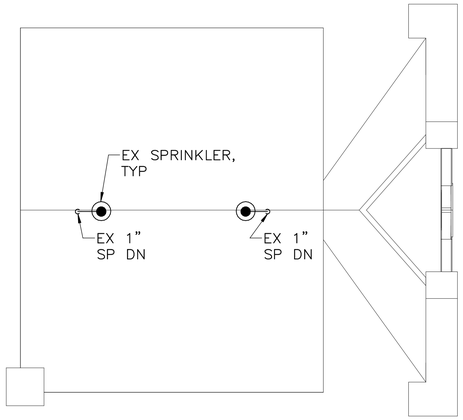
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SCALE OF FEET

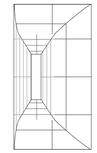
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| CADD MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

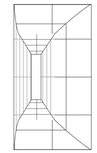
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1 FD1.4 ATTIC – FIRE PROTECTION – DEMOLITION PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

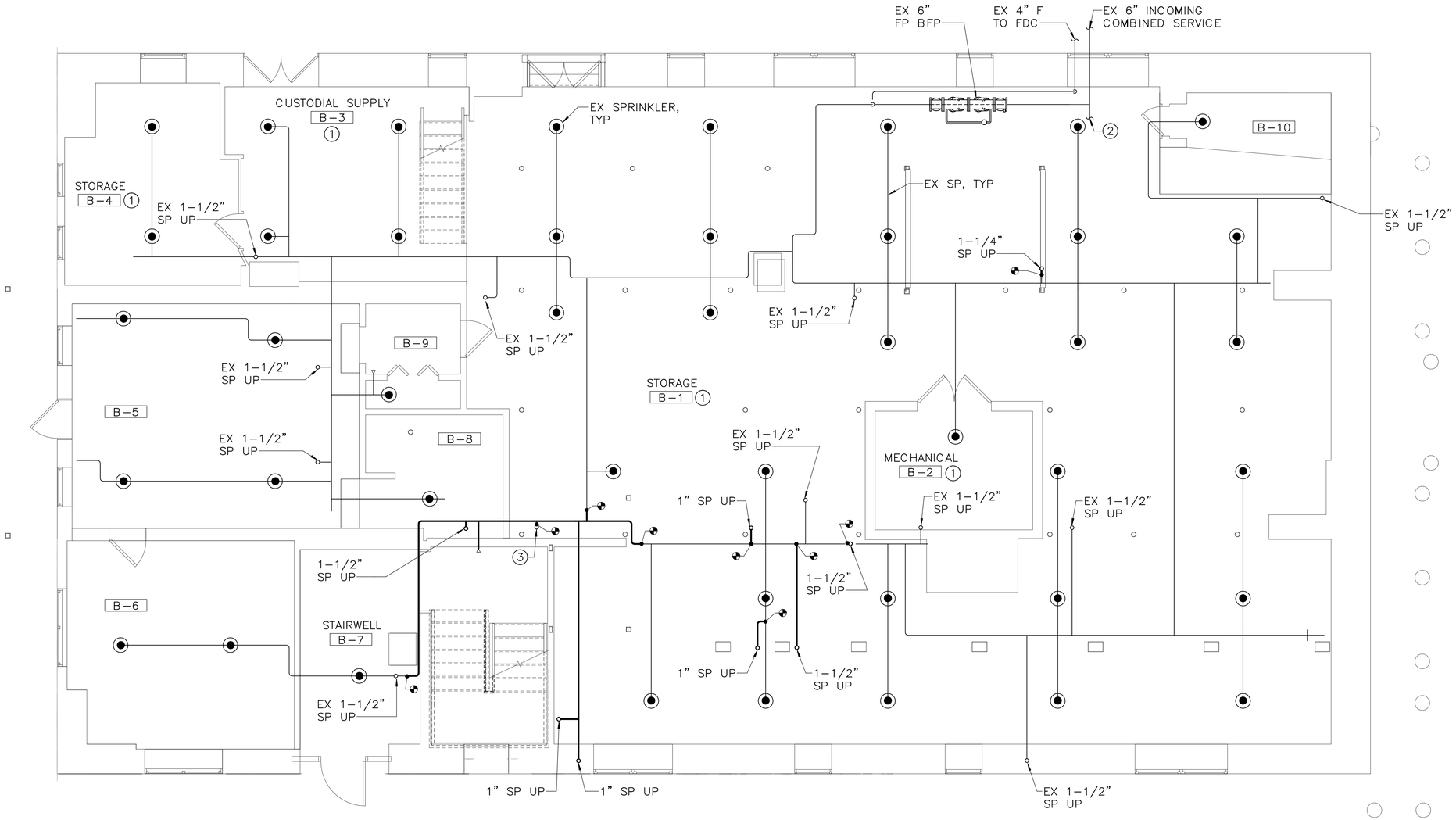
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
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DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

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| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 FP1.0 BASEMENT – FIRE PROTECTION – NEW WORK PLAN
SCALE (A)

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
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6. PIPE SIZES INDICATED ON THE PLAN ARE FOR INFORMATION ONLY. ALL SPRINKLER PIPING SHALL BE HYDRAULICALLY SIZED BY THE SPRINKLER CONTRACTOR.
7. ALL SPACES SHALL BE LIGHT HAZARD UNLESS OTHERWISE NOTED.
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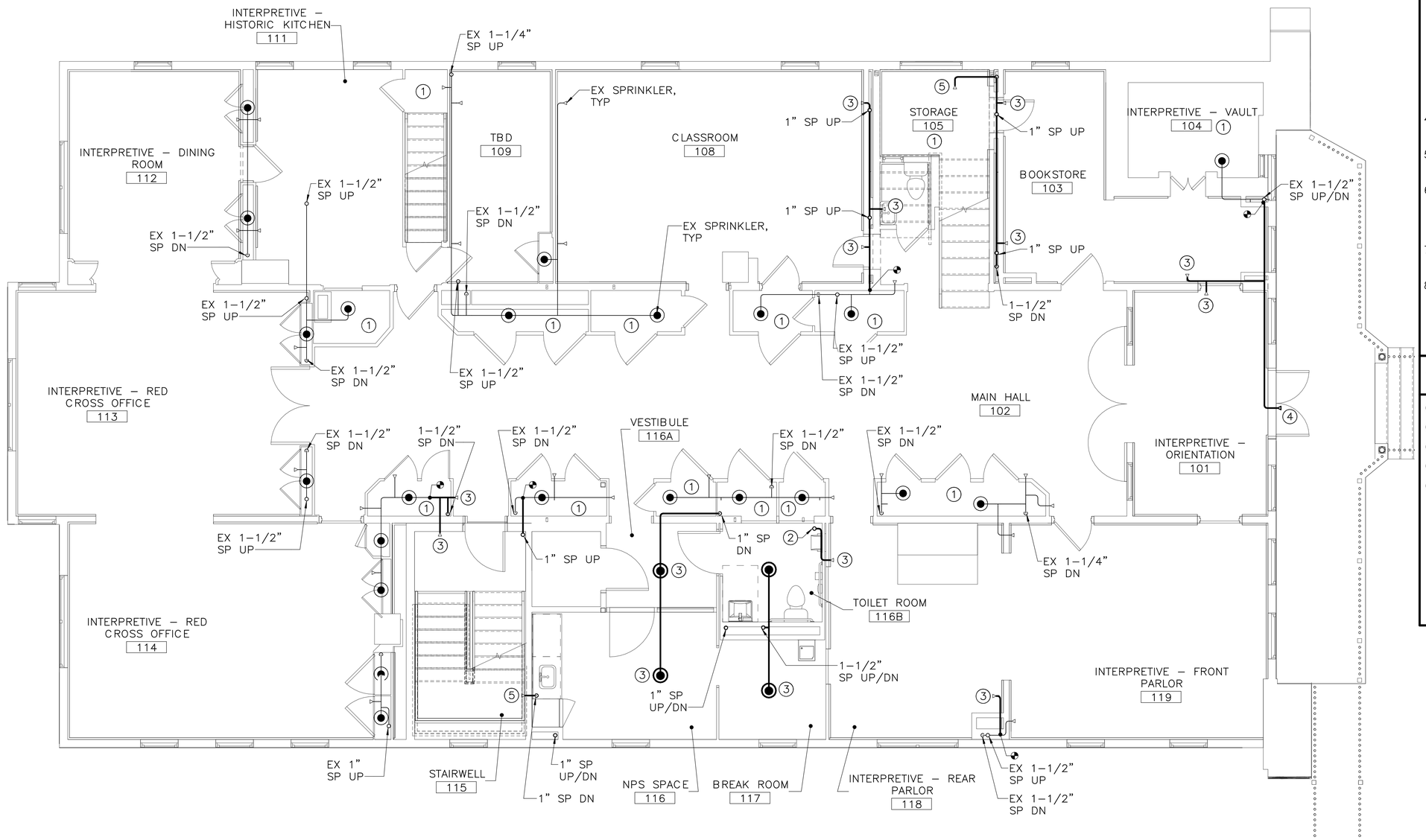
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. ORDINARY HAZARD I
2. EX 2" CW. SEE PLUMBING DRAWINGS FOR CONTINUATION.
3. EX 1-1/2" SP UP

4 0 4 8
SCALE OF FEET

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| DESIGNED: CEL | SUB SHEET NO. FP1.0 | TITLE OF SHEET: BASEMENT - FIRE PROTECTION - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| DRAWN: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1/9/2025 9:38:51 AM




1 FP1.1 FIRST FLOOR – FIRE PROTECTION – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

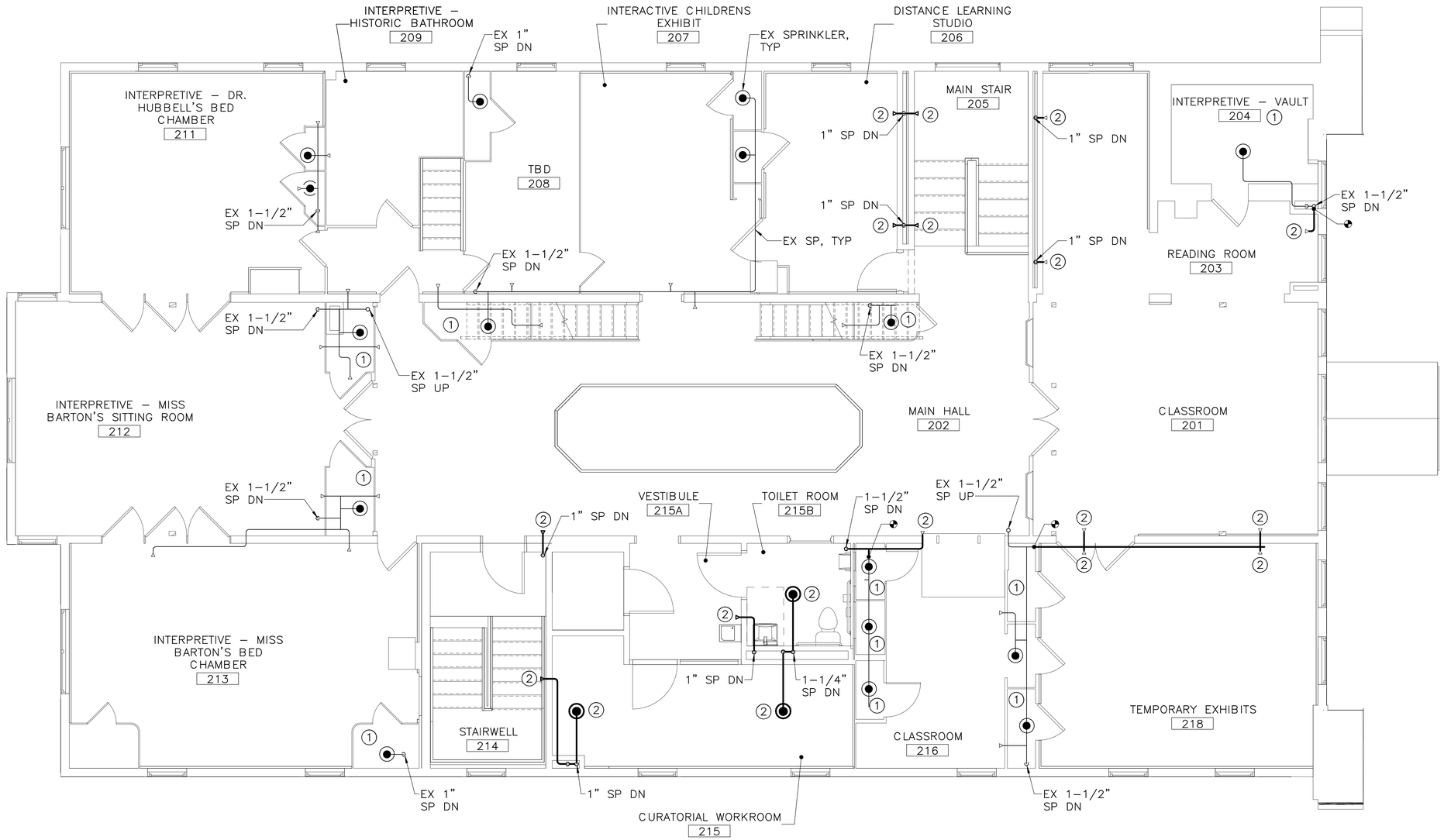
1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
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DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) ORDINARY HAZARD I
(2) 1–1/2" SP UP/DN
(3) NEW WET SPRINKLER
(4) NEW DRY SPRINKLER
(5) NEW WET SPRINKELR BELOW STAIR LANDING

| | | | |
|---|---|---|---|
| DESIGNED: CEL | SUB SHEET NO | TITLE OF SHEET: FIRST FLOOR - FIRE PROTECTION - NEW WORK | DRAWING NO. 895 179603 |
| CADD: MAV | FP1.1 | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 FP1.2 SECOND FLOOR – FIRE PROTECTION – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

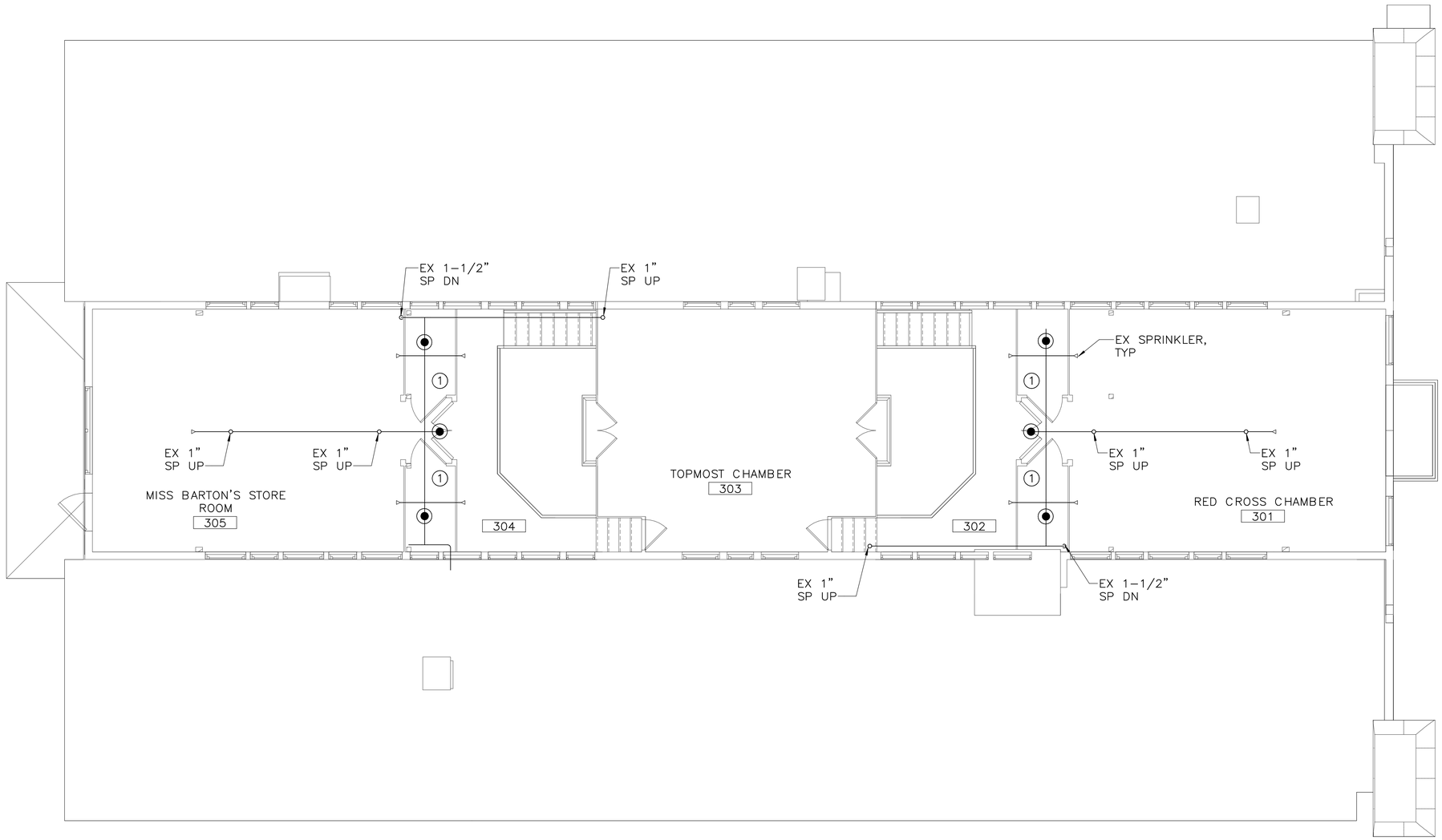
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DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) ORDINARY HAZARD I
(2) NEW WET SPRINKELR

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| DESIGNED: CEL | SUB SHEET NO. FP1.2 | TITLE OF SHEET: SECOND FLOOR - FIRE PROTECTION - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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1 / FP1.3 THIRD FLOOR – FIRE PROTECTION – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

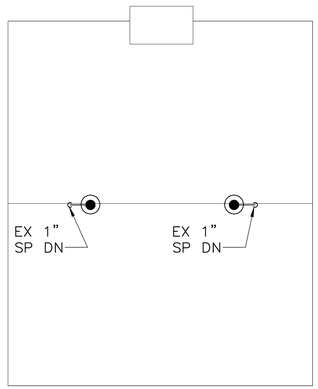
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8. CONCEALED SPRINKLERS SHALL BE PROVIDED IN ALL SPACES WITH A CEILING UNLESS OTHERWISE NOTED. CONCEALED SPRINKLERS SHALL BE PROVIDED WITH FACTORY FINISHED COVER PLATE WITH COLOR AS SELECTED BY THE COR.

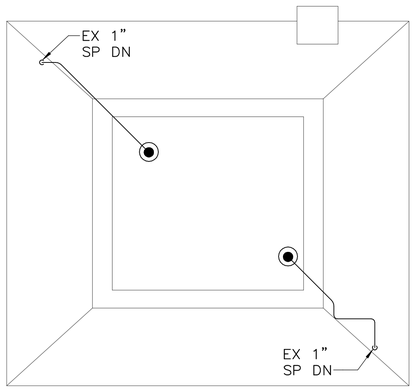
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(APPLICABLE TO THIS DRAWING ONLY)

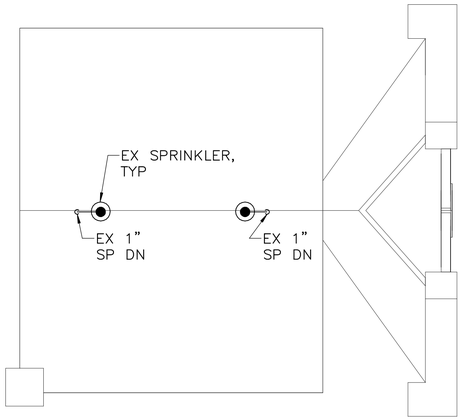
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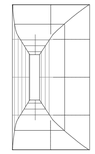
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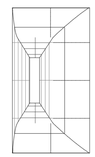
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1 FP1.4 ATTIC – FIRE PROTECTION – NEW WORK PLAN
SCALE (A)

4 0 4 8
SCALE OF FEET

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE, ——
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE, ——
3. ALL ITEMS THAT REQUIRE ACCESS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS, STRAINERS, TRANSMITTERS, AND CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS IN WRITING TO THE COR FOR RESOLUTION AND AWAIT WRITTEN DIRECTIONS BEFORE PROCEEDING W/ WORK.
4. COORDINATE SHUTDOWN AND DRAINING/FILLING OF SPRINKLER SYSTEM WITH COR.
5. FINAL SPRINKLER LOCATIONS SHALL BE DETERMINED BY THE SPRINKLER CONTRACTOR.
6. PIPE SIZES INDICATED ON THE PLAN ARE FOR INFORMATION ONLY. ALL SPRINKLER PIPING SHALL BE HYDRAULICALLY SIZED BY THE SPRINKLER CONTRACTOR.
7. ALL SPACES SHALL BE LIGHT HAZARD UNLESS OTHERWISE NOTED.
8. CONCEALED SPRINKLERS SHALL BE PROVIDED IN ALL SPACES WITH A CEILING UNLESS OTHERWISE NOTED. CONCEALED SPRINKLERS SHALL BE PROVIDED WITH FACTORY FINISHED COVER PLATE WITH COLOR AS SELECTED BY THE COR.

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) NOT USED
(2) NOT USED

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| DESIGNED: CEL | SUB SHEET NO. FP1.4 | TITLE OF SHEET: ATTIC - FIRE PROTECTION - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING NO. 895 179603 |
| CADD: MAV | | | PMIS/PKG NO. 312325 |
| TECH. REVIEW: CEL | | | SHEET ___ OF X |
| DATE: 01/10/2025 | | | |

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TO BE DEVELOPED NEXT SUBMISSION

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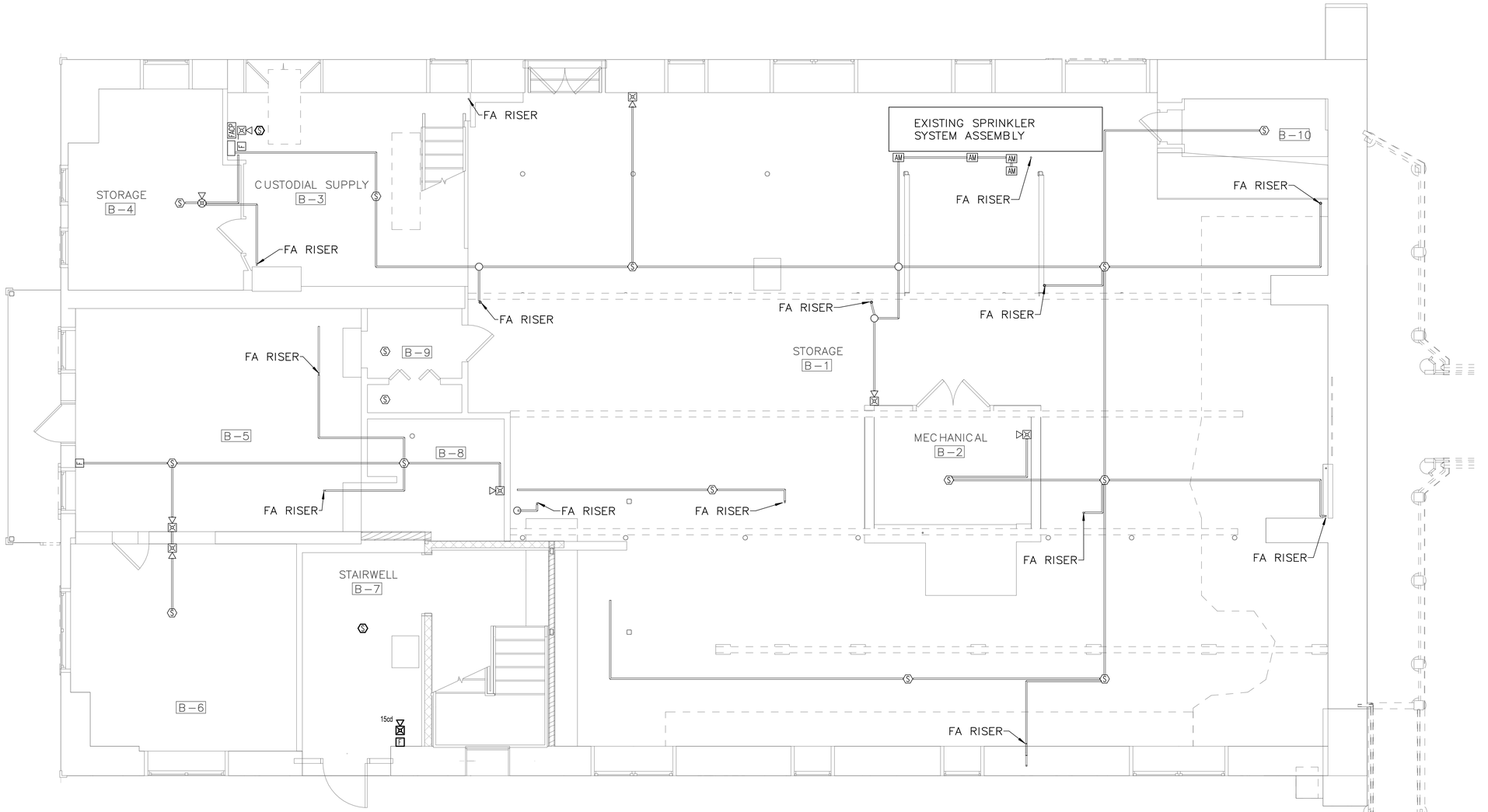
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# GENERAL FIRE ALARM NOTES
(APPLICABLE TO ALL FIRE ALARM DRAWINGS)

1. VERIFY THAT EXISTING FIRE ALARM SYSTEM IS OPERATIONAL BEFORE MAKING CHANGES OR CONNECTIONS.
2. DO NOT INTERRUPT EXISTING FIRE ALARM SYSTEM WITHOUT [CONTRACTING OFFICER'S] [OWNER'S] [OWNER'S REPRESENTATIVE'S] [ENGINEER'S] [ARCHITECT'S] WRITTEN PERMISSION.
3. ENGAGE A MANUFACTURER'S AUTHORIZED SERVICE COMPANY TO PERFORM MODIFICATIONS TO THE FIRE ALARM SYSTEM.
4. FOR NEW DEVICES THAT RECEIVE POWER FROM AN EXISTING CONTROL UNIT'S INITIATING DEVICE CIRCUIT OR SIGNALING LINE CIRCUIT, PROVDE DEVICES THAT ARE LISTED FOR USE WITH THE EXISTING CONTROL UNIT.
5. DRAWINGS ARE CONCEPTUAL, INTENDED TO SHOW GENERAL SYSTEM CONFIGURATION AND PERFORMANCE. PREPARE SHOP DRAWINGS AND PROVIDE CONDUITS, WIRING, SYSTEM COMPONENTS AND EQUIPMENT FOR A COMPLETE AND OPERATIONAL SYSTEM IN COMPLIANCE WITH NFPA 70, NFPA 72, NFPA 90A, NFPA 101 IBC, THE AUTHORITY HAVING JURISDICTION AND THE CONTRACT DOCUMENTS.
6. CONNECT NEW FIRE ALARM DEVICES TO RESPECTIVE EXISTING FLOOR INITIATING AND SIGNALING CIRCUITS.
7. EXISTING FIRE ALARM SYSTEM IS A [MANUFACTURER AND MODEL] [ANALOG ADDRESSABLE] [DIGITAL ADDRESSABLE] [CONVENTIONAL] FIRE ALARM CONTROL PANEL WITH [TONE EVACUATION] [VOICE EVACUATION] [MASS NOTIFICATION].
8. COORDINATE FIRE ALARM WORK WITH LOCAL FIRE MARSHAL, FIRE ALARM PLANS REVIEW, AND FIRE DEPARTMENT INSPECTORS.
9. OBTAIN AND PAY FOR PERMITS REQUIRED FOR INSTALLATION OF FIRE ALARM SYSTEM. PROVIDE SHOP DRAWING SUBMITTAL DOCUMENTS TO AUTHORITY HAVING JURISDICTION TO OBTAIN PERMIT. SUBMITTAL MUST INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
   A. SCALED FLOOR PLANS WITH ROOM NAMES AND NUMBERS WHICH INDICATE USE OF ALL ROOMS.
   B. FIRE ALARM DEVICE AND CABLE SYMBOL LEGEND
   C. FLOOR PLAN LAYOUT SHOWING LOCATIONS OF ALL DEVICES AND CONTROL EQUIPMENT, INCLUDING MOUNTING HEIGHTS OF ALARM INITIATING DEVICES AND NOTIFICATION DEVICES.
   D. FIRE ALARM CONTROL PANEL AND ANNUNCIATOR LOCATION.
   E. POWER CONNECTION.
   F. BATTERY CALCULATIONS.
   G. VOLTAGE DROP CALCULATIONS FOR NOTIFICATION APPLIANCE CIRCUITS.
   H. SIZE, TYPE, AND NUMBER OF CONDUCTORS.
   I. MANUFACTURER'S TECHNICAL DATA SHEETS INCLUDING MODEL NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES, AND MATERIALS.
   J. DETAILS OF CEILING HEIGHT AND CONSTRUCTION.
   K. INTERFACE OF FIRE SAFETY CONTROL FUNCTIONS.
   L. FIRE ALARM SYSTEM RISER.
   M. SEQUENCE OF OPERATIONS INPUT/OUTPUT MATRIX.
   N. DEVICE TO DEVICE WIRING.
   O. LOUDNESS AND CANDELA SETTINGS FOR EVERY NOTIFICATION APPLIANCE.
10. INCREASE BATTERY CAPACITY OF FIRE ALARM SYSTEM TO ACCOMMODATE ADDITIONAL LOAD.
11. FIRE ALARM BRANCH CIRCUIT IDENTIFICATION MUST COMPLY WITH NFPA 70 AND NFPA 72:
    PROVIDE APPROVED RED CIRCUIT BREAKER LOCKOUT DEVICE FOR EACH CIRCUIT BREAKER SERVING A FIRE ALARM CIRCUIT.
    IDENTIFY EACH FIRE ALARM CIRCUIT WITH A RED PHENOLIC NAMEPLATE WITH WHITE LETTERING. NAMEPLATE MUST READ "FIRE ALARM CIRCUIT". FASTEN NAMEPLATE IN PANELBOARD ADJACENT TO CIRCUIT BREAKER.
12. IDENTIFY POWER SOURCE AND LOCATION OF BRANCH CIRCUIT DISCONNECTING SERVING FIRE ALARM EQUIPMENT. FASTEN PHENOLIC NAMEPLATE TO FIRE ALARM SYSTEM PANEL(S) INDICATING LOCATION OF DEDICATED BRANCH CIRCUIT DISCONNECTING MEANS. NAMEPLATE MUST READ "THIS PANEL FED FROM PANEL _____, CIRCUIT NO. _____, LOCATED IN _____."
13. IDENTIFY EACH FIRE ALARM DEVICE AND EQUIPMENT ENCLOSURE. DEVICE LABELS MUST INDICATE ADDRESS AND ZONE.
14. IDENTIFY FIRE ALARM CIRCUITS AT TERMINAL AND JUNCTION LOCATIONS WITH PERMANENT LABELS. PAINT FIRE ALARM CIRCUIT JUNCTION BOX COVERS RED AND LABEL COVER "FIRE ALARM". [MARK CONDUITS CARYING FIRE ALARM SYSTEM CIRCUITS WITH RED STRIPE EVERY 10 FEET] [PAINT CONDUITS CARRYING FIRE ALARM SYSTEM CIRCUITS RED].
15. PERFORM RE-ACCEPTANCE TESTING IN ACCORDANCE WITH NFPA 72 TO VERIFY PROPER OPERATION OF ADDED OR REPLACED DEVICES INCLUDING BUT NOT LIMITED TO INITIATING DEVICES, NOTIFICATION APPLIANCES, EMERGENCY CONTROL FUNCTION DEVICES AND CONTROL EQUIPMENT.
16. FIRE ALARM SYSTEM AUDIBLE NOTIFICATION APPLIANCES INSTALLED IN [DWELLING UNITS][SLEEPING UNITS][HOTEL ROOMS] MUST PRODUCE A LOW FREQUENCY ALARM SIGNAL HAVING A FUNDAMENTAL FREQUENCY OF 520 HZ +/- 10 PERCENT. THESE APPLIANCES MUST BE LISTED AND LABELED FOR PRODUCING THE LOW FREQUENCY WAVEFORM.

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| DESIGNE: JLW<br>CADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.<br>FA0.1 | TITLE OF SHEET<br>**FIRE ALARM COVER SHEET**<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING<br>895<br>179603<br>PMIS/PKG<br>312325<br>SHEET<br>___ o X |

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1 / FA1.0 BASEMENT – FIRE ALARM
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

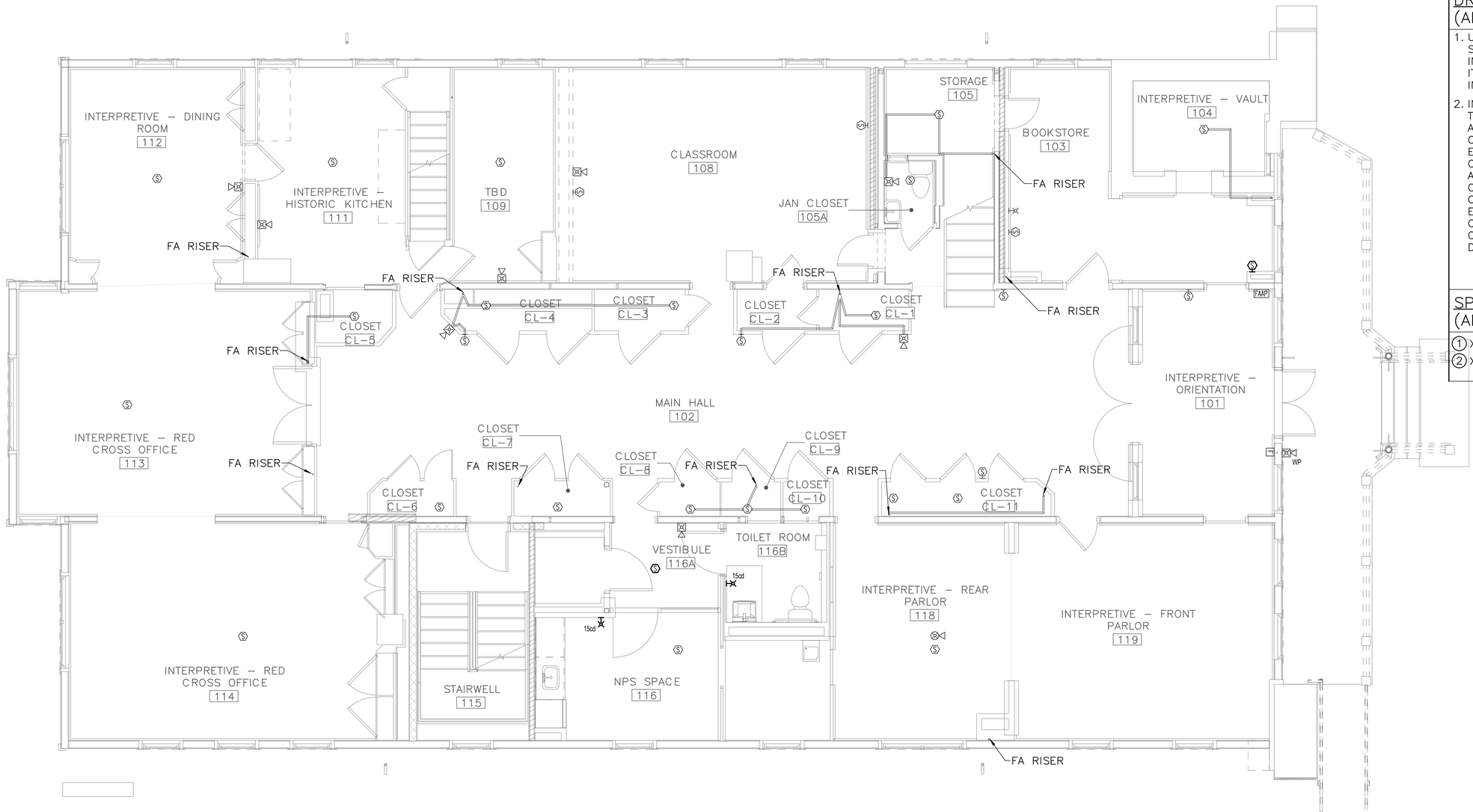
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

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SCALE (A)
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SCALE OF FEET

| DESIGNE | SUB SHEET NO. | TITLE OF SHEET | DRAWING |
|---|---|---|---|
| JLW | FA1.0 | BASEMENT - FIRE ALARM | 895 |
| DADD: JLW | | | 179603 |
| TECH.: JST | | REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | PMIS/PKG: 312325 |
| DATE: 1/10/2025 | | | SHEET: ___ o X |

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1 FA1.1 FIRST FLOOR – FIRE ALARM
SCALE (A)

## DRAWING NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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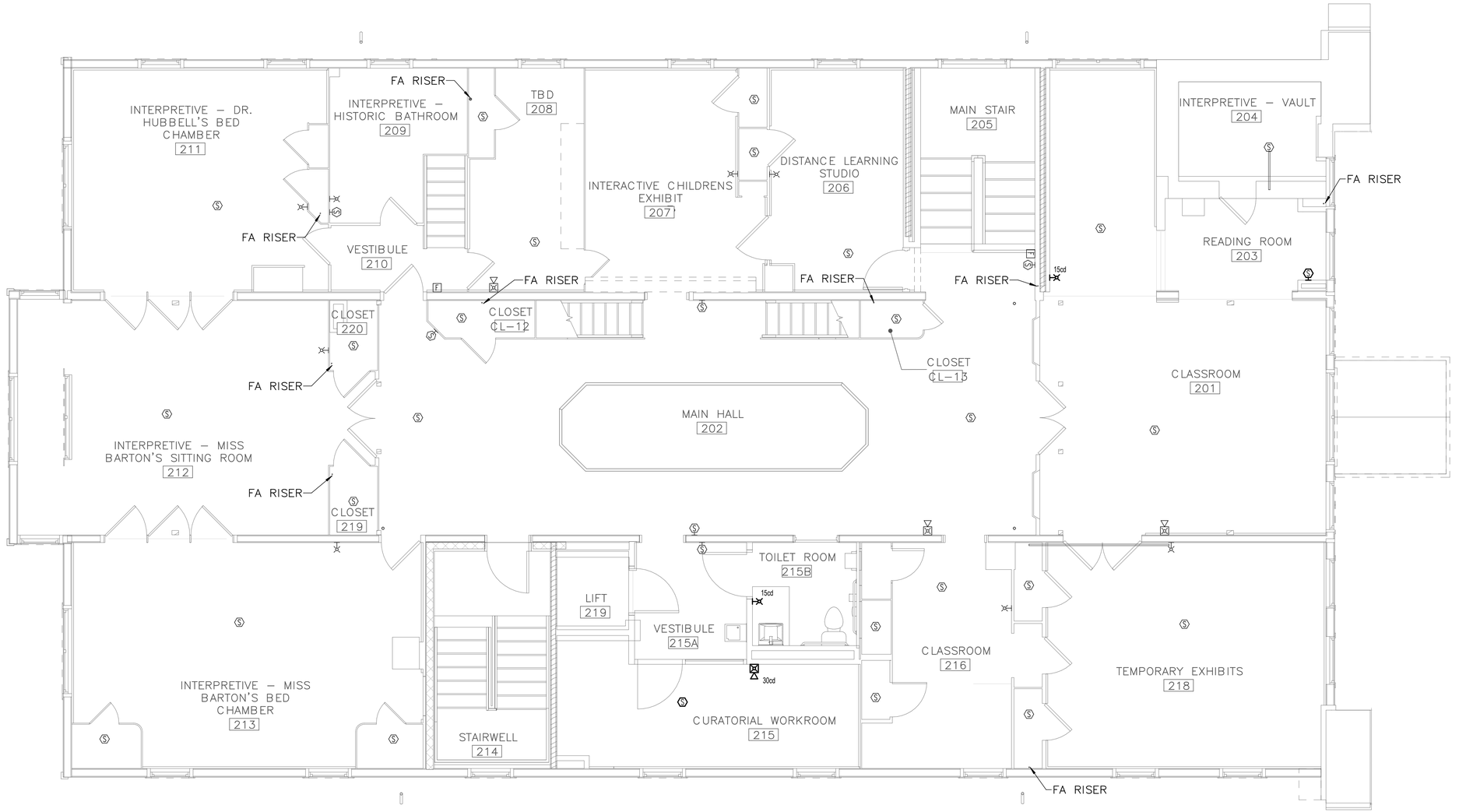
## SPECIAL NOTES:
## (APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
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SCALE (A)
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SCALE OF FEET

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| DESIGNE: JLW<br>DRAFTED: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.: FA1.1 | TITLE OF SHEET: FIRST FLOOR - FIRE ALARM<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603<br>PMIS/PKG: 312325<br>SHEET: ___ OF X |

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1 FA1.2 SECOND FLOOR – FIRE ALARM
SCALE A

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

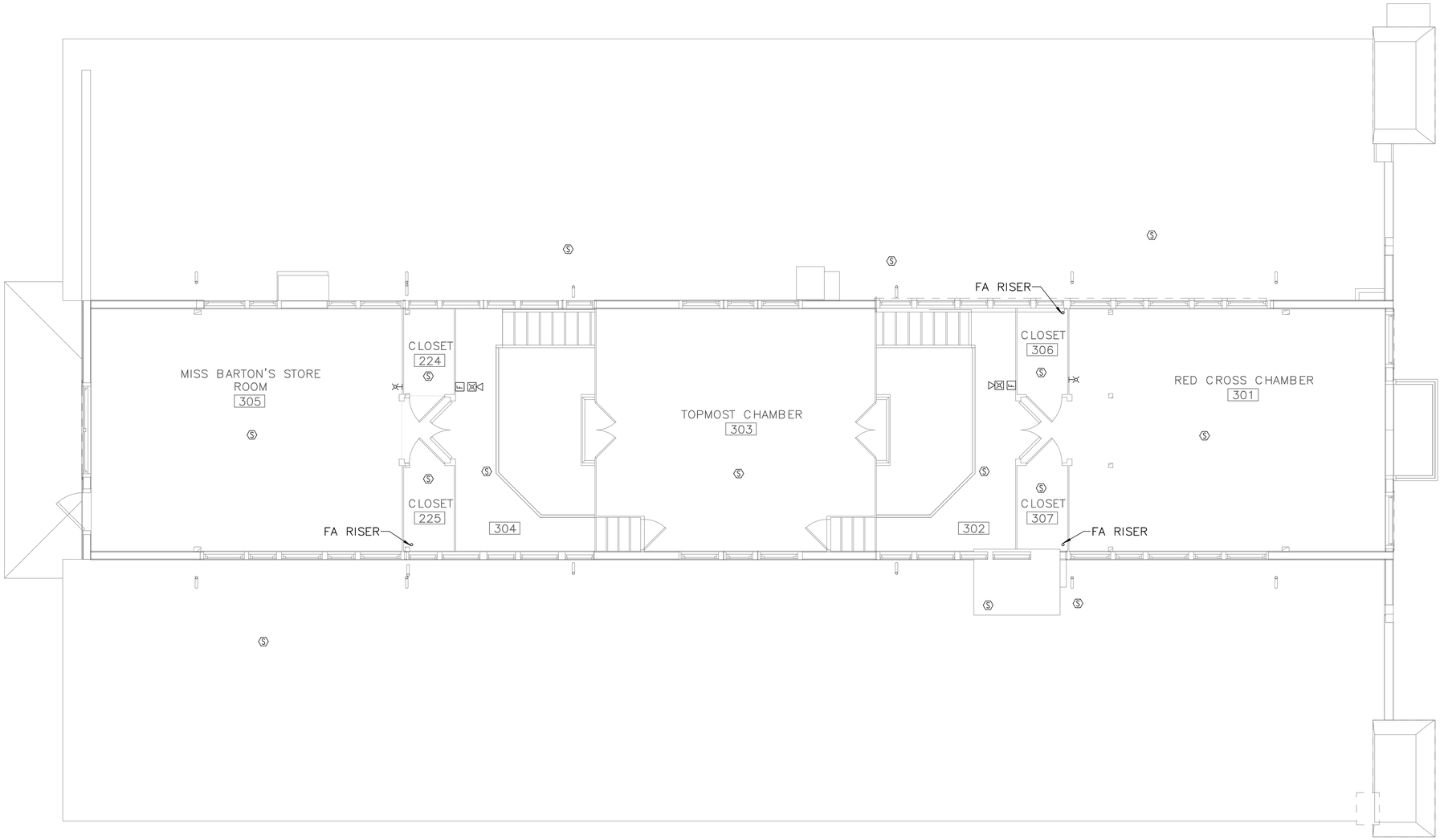
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX

SCALE A
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SCALE OF FEET

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| DESIGNE: JLW<br>ADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO.: FA1.2 | TITLE OF SHEET: SECOND FLOOR - FIRE ALARM<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603<br>PMIS/PKG: 312325<br>SHEET: ___ OF X |

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1 / FA1.3 THIRD FLOOR – FIRE ALARM
SCALE (A)

## DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (——) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
2. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTING OFFICER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

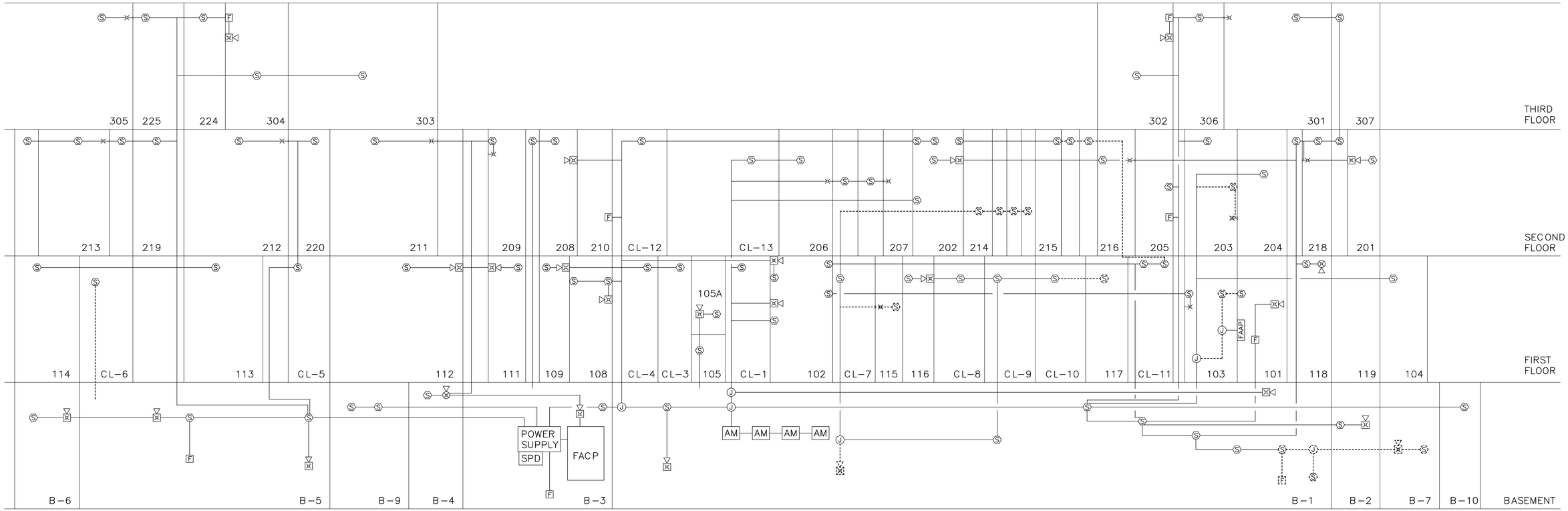
## SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

(1) XXX.
(2) XXX

SCALE (A)
4 0 4 8
SCALE OF FEET

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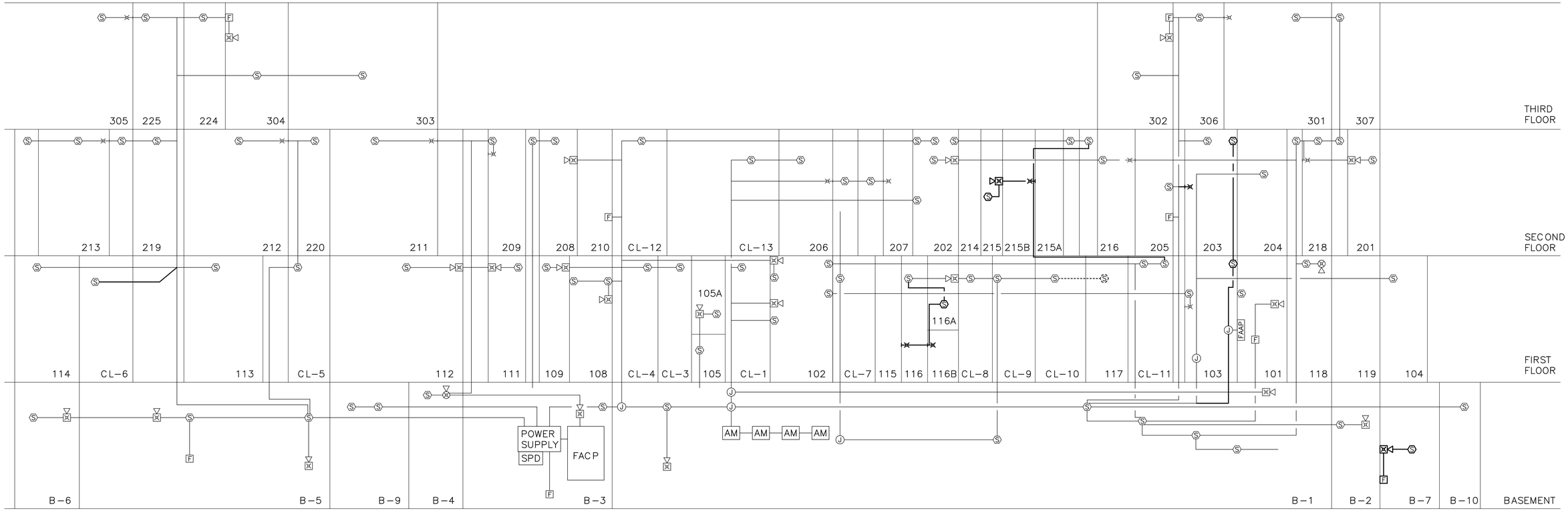



1 / FA6.1 FIRE ALARM RISER DIAGRAM – DEMOLITION

NO SCALE

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| DADD: JLW | | | PMIS/PKG: 312325 |
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1 FA6.2 FIRE ALARM RISER DIAGRAM – NEW WORK
NO SCALE

NOTES: (APPLICABLE TO FIRE ALARM RISER DIAGRAM ONLY)

1. FIRE ALARM SYSTEM RISER DIAGRAM IS DIAGRAMMATIC. PROVIDE CONDUITS, WIRING, AND SYSTEM COMPONENTS FOR A COMPLETE AND OPERATIONAL SYSTEM IN COMPLIANCE WITH NFPA 70, NFPA 72, NFPA 90A, NFPA 101, IBC, THE LOCAL AUTHORITY HAVING JURISDICTION AND THE CONTRACT DOCUMENTS.
2. REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS OF FIRE ALARM DEVICES AND COMPONENTS. INSTALL PULL STATIONS SHOWN ADJACENT TO EXTERIOR DOORS WITHIN 5'–0" HORIZONTALLY OF DOOR OPENINGS. FIELD COORDINATE ACTUAL LOCATION AND SPACING OF INITIATING AND NOTIFICATION DEVICES AND CONDUIT RUNS WITH OTHER WORK INCLUDING BUT NOT LIMITED TO LUMINAIRES, DIFFUSERS, DUCT WORK, WALLS AND CEILINGS.

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| DESIGNE: JLW<br>DADD: JLW<br>TECH.: JST<br>DATE: 1/10/2025 | SUB SHEET NO: FA6.2 | TITLE OF SHEET: FIRE ALARM RISER - NEW WORK<br>REHABILITATE CLARA BARTON NATIONAL HISTORIC SITE | DRAWING: 895 179603<br>PMIS/PKG: 312325<br>SHEET: ___ o X |

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