PROGRAMMATIC AGREEMENT
AMONG
THE NATIONAL PARK SERVICE,
THE NATIONAL CAPITAL PLANNING COMMISSION,
DISTRICT OF COLUMBIA STATE HISTORIC PRESERVATION OFFICE, AND
VIRGINIA STATE HISTORIC PRESERVATION OFFICE,
REGARDING
THE TRIUMPHAL ARCH PROJECT

This Programmatic Agreement ("PA") is made as of this ___ day of ____, 2026, by and among the National Park Service (NPS), the Virginia State Historic Preservation Office (VA SHPO), the District of Columbia Historic Preservation Office (DC HPO), and the National Capital Planning Commission (NCPC) (referred to collectively herein as the "Parties" or "Signatories" or individually as a "Party" or "Signatory"), pursuant to Section 106 of the National Historic Preservation Act ("NHPA"), 54 U.S.C. § 306108, and its implementing regulations 36 CFR Part 800 ("Section 106") regarding the Triumphal Arch Project (Undertaking); and

WHEREAS, the George Washington Memorial Parkway was established pursuant to what is known as the Capper-Cramton Act, Public Law 71-284, 46 Stat. 482, (May 29, 1930), and became a unit of the national park system pursuant to Executive Order 6166 of June 10, 1933 (taking effect August 10, 1933), and the George Washington Memorial Parkway (hereinafter "GW Parkway") is administered by the National Park Service (hereinafter "NPS"); and

WHEREAS, the NPS is charged in its administration of the units of the NPS System to meet the directives of other laws, regulations, and policies including the NPS Organic Act as codified in Title 54 United States Code (USC) § 100101(a) to "conserve the scenery, natural and historic objects, and wild life in the System units and to provide for the enjoyment of the scenery, natural and historic objects, and wild life in such manner and by such means as will leave them unimpaired for the enjoyment of future generations"; and

WHEREAS, the GW Parkway is a nationally significant historic property in Virginia, Maryland, and the District of Columbia listed in the National Register of Historic Places (hereinafter "NRHP") on June 2, 1995 as a historic district for its commemorative, design, and scenic qualities, and the 25 mile long parkway segment along the Potomac River west shore and 6.8 mile long segment along the Potomac River east shore and their settings are important landscape features that contribute to the significance of the GW Parkway; and

WHEREAS, Memorial Circle, which connects Arlington Memorial Bridge and Memorial Avenue, is located within the GW Parkway and is part of the nationally significant historic property Arlington Memorial Bridge and Related Features in Virginia and the District of Columbia and listed in the NRHP on April 4, 1980 as a historic property for its architectural and engineering design qualities; and

WHEREAS, NPS proposes to construct the Triumphal Arch (“the Undertaking”) within Memorial Circle to celebrate 250 years of American independence by honoring America’s

founding principles through installation of a structure at the intersection of Arlington Memorial Bridge and Memorial Avenue within George Washington Memorial Parkway, in a manner consistent with the avenue's established role as a ceremonial gateway and "Avenue of Heroes" celebrating valor, sacrifice, and American heritage.

WHEREAS, the Undertaking is subject to review under Section 106 of the NHPA as amended (54 U.S.C. § 306108) and NPS will be the federal agency responsible for compliance; and

WHEREAS, the Undertaking is subject to review under National Environmental Policy Act (NEPA) (42 U.S.C. § 4231 et seq), and in accordance with NEPA, the NPS has prepared an Environmental Assessment (EA); and

WHEREAS, in accordance with 36 C.F.R. § 800.3, NPS initiated Section 106 consultation with DC HPO, VA SHPO, and Consulting Parties on June 5, 2026; and
WHEREAS, the NPS, DC HPO, VA SHPO, and NCPC have agreed that the NPS will be the lead agency pursuant to 36 C.F.R. § 800.2(a)(2) for the Undertaking to fulfill their collective Section 106 responsibilities; and

WHEREAS, NCPC is a Consulting Party in the Section 106 process pursuant to 36 CFR § 800.3(f)(1), has approval authority over Federal projects located within the District of Columbia and has approval authority over all land transfers and physical alterations to Federal property pursuant to the National Capital Planning Act (40 U.S.C. § 8722(b)(1) and (d)), and this approval would constitute an Undertaking as defined at 36 CFR § 800.16(y). NCPC has elected to fulfill its Section 106 responsibilities by participating in this consultation and is a Signatory to this PA pursuant to 36 CFR § 800.6(c)(2); and

WHEREAS, the U.S. Commission of Fine Arts (CFA) has a statutory obligation under the Shipstead-Luce Act of 1930 (Public Law 71-231) to regulate construction of private and semiprivate buildings in certain areas of the National Capit**a**l within which the Undertaking falls. CFA has design review authority over new structures erected in the District under the direction of the Federal government (Executive Order 1862) and plans for parks which “in any essential way affect the appearance of the City of Washington, or the District of Columbia” (Executive Order 3524). The CFA is a Consulting Party in the Section 106 process pursuant to 36 CFR § 800.3(f)(1) and is invited to concur with this PA pursuant to 36 CFR § 800.6(c)(3); and

WHEREAS, in letters dated [insert date], the NPS informed the Federally recognized sovereign Indian Nations that have a government-to-government relationship with the United States and an interest in the area affected by the Undertaking, pursuant to 36 C.F.R. § 800.2(c)(2), about the project and invited them to be a Consulting Party. The Federally recognized sovereign Indian Nations include the Absentee Shawnee Tribe of Indians of Oklahoma Nation, Catawba Indian Nation, Chickahominy Indian Tribe, Chickahominy Tribe Eastern Division, Monacan Indian Nation, Nansemond Indian Nation, Pamunkey Indian Tribe, Rappahannock Tribe, Shawnee Tribe, and Upper Mattaponi Indian Tribe (collectively referred to as “Native American Tribes” in this PA). The NPS invited each of these Native American Tribes to concur with this PA pursuant to 36 C.F.R. § 800.6(c)(3). All the letters sent to Native American Tribes can be found in Appendix A; and

WHEREAS, the Native American Tribes that did not respond to the invitation continue to be included in the Section 106 process through invitations to Consulting Parties meetings and will continue to be invited to any subsequent consulting Parties meetings; and

WHEREAS, in accordance with 36 C.F.R. § 800.2(a)(4), the NPS invited certain individuals and organizations with a demonstrated interest in the Undertaking to participate as Consulting Parties in the Section 106 process via meeting virtually held on June 15, 2026. The full list of Consulting Parties invited is provided in Appendix B, along with presentation materials from the consulting party meetings; and

WHEREAS, the NPS, in consultation with DC HPO, VA SHPO, NCPC, and the Consulting Parties, established the Area of Potential Effects (APE), as defined under 36 C.F.R. § 800.16(d). The APE is included in Exhibit C; and

WHEREAS, the NPS identified X historic resources within the APE (that also encompass numerous contributing features), including the [list resources]; and

WHEREAS, pursuant to 36 CFR § 800.5(a) the NPS, in consultation with the DC HPO, VA SHPO, NCPC, and the Consulting Parties, have applied the criteria of 36 CFR § 800.5(a)(1) to the undertaking, and provide all relevant findings in the *Triumphal Arch Assessment of Effects Report* (Appendix C); and

WHEREAS, specific design details are not developed at the concept planning level, therefore, the Triumphal Arch Assessment of Effects includes determinations from portions of the proposed undertaking. These effects will be further assessed as part of future Section 106 reviews of individual project components, as required under the terms of this PA; and

WHEREAS, the NPS conducted X Section 106 Consulting Party meetings to provide opportunities for the Consulting Parties to comment on the Undertaking, the delineation of the APE, the identification of historic properties, the assessment of effects on historic properties, and potential resolution strategies; and

WHEREAS, the NPS completed an EA, published June 5, 2026, as part of NPS's NEPA compliance and issued the Finding of No Significant Impact; and

WHEREAS, in accordance with 36 CFR § 800.6(a)(1), NPS notified the Advisory Council on Historic Preservation (ACHP) of its findings of effects meeting the criteria in 36 CFR § 800.5(a)(1) with specified documentation on June 5, 2026, and on [INSERT DATE] the ACHP [chose or chose not] to participate in the consultation pursuant to 36 CFR § 800.6(a)(1)(iii); and

NOW, THEREFORE, NPS, DC HPO, VA SHPO, and NCPC agree that, if the Undertaking is implemented in accordance with the following stipulations taking into account the adverse effects on historic properties, these stipulations will govern compliance with Section 106 of the NHPA.

STIPULATIONS

The NPS will ensure that the following measures are carried out:

I. GENERAL

A. APPLICABILITY

1. The NPS will use the terms and conditions of this PA to fulfill its Section 106 responsibilities and those of other Federal agencies who designate NPS as the lead Federal agency pursuant to 36 C.F.R. § 800.2(a)(2). Federal agencies that do not designate NPS as the lead Federal agency remain individually responsible for their compliance with Section 106.

2. In the event a Federal agency or other agency issues federal funding or approvals for the Undertaking, such funding or approving agency may comply with Section 106 by agreeing in writing to the terms of this PA and notifying and consulting with the Signatories. Any necessary amendments will be considered in accordance with Stipulation X of this PA.

B. CODES AND STANDARDS

1. The Undertaking will be consistent with *Secretary of the Interior's Standards for the Treatment of Historic Properties*, including the standards for Preservation and Rehabilitation, as applicable, together with the *Secretary of the Interior's Standards and Guidelines for the Treatment of Cultural Landscapes*, the *Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation*, and, where recordation is adopted as a mitigation measure, the *Secretary of the Interior's Standards for Architectural and Engineering Documentation*.

C. TIME AND NOTIFICATIONS

1. All time designations are in calendar days unless otherwise stipulated. If a review period ends on a Saturday, Sunday, or a Federal holiday, the review period will be extended until the first following business day.
2. All communication and notifications required by this PA will be sent by email or other electronic means.

D. ROLES AND RESPONSIBILITIES

1. NPS
   a. Pursuant to 36 C.F.R. § 800.2(a)(2), NPS has the responsibility to ensure the provisions of this PA are carried out.
   b. NPS is responsible for all government-to-government consultation with Federally recognized Native American tribes.

c. NPS is responsible for coordinating Federal agencies' compliance with the Native American Graves Protection and Repatriation Act (NAGPRA) within its jurisdictional areas.
d. NPS is responsible for enforcing the applicable provisions of the Archaeological Resources Protection Act (ARPA) (16 U.S.C. § 470aa et seq.), including but not limited to the issuance of permits, permit oversight, and investigation of any damages resulting from prohibited activities.

2. DC HPO and VA SHPO
   a. DC HPO and VA SHPO will review Project submittals according to the timeframes defined within this PA, and participate in consultation, as requested by NPS.

3. NCPC
   a. NCPC will review Project submittals according to the timeframes defined within this PA, and participate in consultation, as requested by NPS.
   b. These reviews do not supersede the statutory or regulatory obligations of this body, and NCPC will review and approve the project components as required.

4. CFA
   a. CFA will review Project submittals according to the timeframes defined within this PA, and participate in consultation, as requested by NPS.
   b. These reviews do not supersede the statutory or regulatory obligations of this body, and CFA will review and approve the project components as required.

II. PROFESSIONAL QUALIFICATIONS STANDARDS

The NPS will ensure that all historic preservation work performed by the relevant agency pursuant will be accomplished by or under the direct supervision of a person or persons who meet(s) or exceed(s) the pertinent qualifications in The *Secretary of the Interior's Historic Preservation Qualification Standards* (62 CFR § 33708) as amended on June 20, 1997.

III. RESOLUTION OF POTENTIAL ADVERSE EFFECTS

A. Design Review for Minimization and Mitigation Measures
   1. The NPS shall continue to consult with the DC HPO, VA SHPO, and consulting parties during design development in order to avoid and minimize any potential effects to historic properties to the maximum extent feasible.
   2. The NPS shall consider comments received from the DC HPO, VA SHPO, and consulting parties and shall document in writing how those comments were addressed in subsequent design development.
   3. The final design shall account for any potential effects on historic properties through refinement of architectural detailing, materials, lighting, signage, security infrastructure, utility enclosures, stormwater features, pedestrian improvements, and other associated site features

B. Documentation
   1. Preparation of an Updated National Register of Historic Places Nomination.

C. Viewshed and Visual Mitigation
   1. The NPS shall continue to refine the design of the undertaking to minimize visual intrusion on historic properties within the APE to the maximum extent feasible.
   2. Measures to be considered shall include, as appropriate:
      a. refinement of lighting intensity, direction, and shielding to reduce glare and spill;
      b. minimizing the visibility and visual dominance of security features and associated infrastructure;
      c. careful siting and design of utility enclosures, pump station features, and stormwater facilities;
      d. reduction or integration of signage, lighting, and site furnishings; and
      e. preservation or restoration of landscape features that support significant views and enhance the design landscape character.
   3. NPS shall prepare updated visual simulations at agreed-upon design milestones from key viewpoints identified in consultation with the DC SHPO, VA SHPO, and consulting parties.

D. Construction Management Control Plan

   1. The NPS will minimize temporary construction effects to historic properties from noise and vibration and visual effects using a variety of construction management techniques. Visual effects will be minimized to the extent practicable by providing appropriate screening between construction staging areas and cultural resources, limiting the size of construction staging areas, and/or locating them away from sensitive views and viewsheds.
   2. The NPS will develop and implement a construction noise and vibration control plan to ensure that both noise and vibrations are controlled throughout the estimated 2-3 year construction of the Project.
   3. The NPS will develop and implement a plan for visual screening of construction areas throughout the estimated 2-3 year construction of the Project.

E. Archeology

   1. The NPS will continue identification and evaluation of archeological historic properties in accordance with 36 CFR §§ 800.4 and 800.5 and following the findings and recommendations of the Phase IA Archaeological Assessment Report.

   2. Pre-Construction Phase 1B Geoarcheological Investigations
      a. The NPS shall complete geoarcheological investigations to inform the Archeological Monitoring and Documentation Work Plan to investigate and evaluate subsurface areas within the project's Limits of Disturbance (LOD) to

better ascertain the archeological potential within the LOD and the depths at which archeological historic properties could be expected.

b. The results of the geoarcheological investigations shall be incorporated into the Archeological Monitoring and Documentation Work Plan.

3. Archeological Monitoring and Documentation
   a. The NPS shall develop an Archeological Monitoring and Documentation Work Plan in consultation with the DC HPO and VA SHPO. The Archeological Monitoring and Documentation Work Plan shall cover all archeological activities to be carried out throughout the duration of the project's ground disturbing activities.
   b. The Archeological Monitoring and Documentation Work Plan shall include sections describing the following, to an adequate level of detail as concurred upon by the DC HPO and VA SHPO:
      i. Analysis and synthesis of investigations sufficient to identify horizontal and vertical distributed locations of archeological potential and characterization of said archeological potential (low, medium, high);
      ii. Archeological monitoring during mechanical stripping, trenching, and near surface ground disturbing activities;
      iii. Archeological monitoring for deeply buried resources, potential buried surfaces, and potential paleosols;
      iv. Description of archeological documentation methods and standards to identify and evaluate finds for National Register of Historic Places (NRHP) eligibility and recovery of sufficient data to mitigate adverse effects on archeological historic properties, including potential specialized analysis and contextual research);
      v. Description of procedures for notification of finds, determinations of eligibility, review periods, etc.;
      vi. Procedures for artifact collection, cleaning/processing, analysis, and curation;
      vii. Documentation Standards and Reporting.
      viii. The NPS and DC HPO agree to review and return all comments within three (3) business days on drafts of the work plan, unless otherwise agreed upon in writing.
4. Precolonial Finds
   a. The NPS will notify Native American Tribes in the event that any precontact resources are discovered and considered potentially eligible for the National Register of Historic Places. Notification will also be given should additional phases of archeological investigation pertaining to precolonial resources be necessary or identified in a Post Review Discovery.

IV. MONITORING AND REPORTING

Each year, until the PA expires or is terminated, the NPS shall provide the Signatories with a summary report detailing work undertaken pursuant to its terms, or a statement of "no activity". The report will be issued annually on or before July 31st. The report will summarize the efforts carried out during the prior year, updates on current Section 106

consultation processes, and any projects planned for the coming year. The NPS shall convene a meeting to discuss the information contained in the annual report as required, or when requested by a Signatory. Failure to provide such summary report may be considered noncompliance with the terms of the PA pursuant to Stipulation X.

V. POST-REVIEW DISCOVERIES

A. If newly identified historic properties, sites and/or features are discovered during construction or unanticipated effects on known historic properties are identified, the NPS will comply with 36 C.F.R. § 800.13. The NPS shall consult with DC HPO, VA SHPO, and, if applicable, Native American Tribes that may attach religious and/or cultural significance to the affected property, and shall develop and implement avoidance, minimization, or mitigation measures with the concurrence of DC HPO, VA SHPO, and if applicable, Native American Tribes.

1. The NPS will immediately cease all ground disturbing and/or construction activities within a fifty (50)-foot radius of the discovery. The NPS will not resume ground disturbing and/or construction activities until the specified Section 106 process required by this PA is complete.
2. The NPS will inform the Signatories of the discovery within forty-eight (48) hours and, together with the Signatories, will determine the projected path forward to comply with Section 106 within fourteen (14) calendar days.
3. The Signatories will review the plan documents and provide written comments to the NPS within seven (7) calendar days.
4. The NPS will consider the written comments to the fullest reasonable extent. Should the NPS object to any comments made by the Signatories, NPS will provide a written explanation of their objection and will consult with the Signatories to resolve the objection. If no agreement is reached following receipt of a written explanation, the NPS will request the Advisory Council on Historic Preservation (ACHP) to review the dispute in accordance with Stipulation VII.
5. If no Signatory provides written comments within the agreed upon time, NPS will assume they have no comments regarding the discovery and may then proceed with the submitted plan.

B. *Treatment of Human Remains*. In the event that human remains, burials, or funerary objects are discovered during construction of the Plan or any action taken pursuant to this PA, NPS will immediately halt subsurface construction disturbance in the area of the discovery and in the surrounding area where additional remains can reasonably be expected to occur and will immediately notify DC HPO and the District Chief Medical Examiner or the VA SHPO and the Virginia Office of the Chief Examiner, as appropriate.
1. If the CME determines that the human remains are not subject to a criminal investigation by Federal or local authorities, NPS will comply with the applicable Federal or local laws and regulations governing the discovery and disposition of human remains and consider the ACHP's Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects (2007).

2. For actions involving Native American human remains or burials, the appropriate Native American Tribes, the VA SHPO, and the DC HPO will be consulted to determine a treatment plan for the avoidance, recovery, or reburial of the remains.
3. The NPS will ensure compliance with applicable laws in accordance with provisions of NAGPRA, as amended (Public Law 101-601, 25 USC § 3001 *et seq.*) and regulations of the Secretary of the Interior at 43 CFR § 10.

VI. CONFIDENTIALITY

A. If disclosure of locational information could result in the disturbance of a cultural resource, all Signatories to this PA will ensure shared data, including data concerning the precise location and nature of historic properties, archeological sites, and properties of religious and cultural significance, are protected from public disclosure to the greatest extent permitted by law, in accordance with 36 C.F.R. § 800.11(c), Section 304 of the NHPA, Section 9 of the Archeological Resource Protection Act (ARPA) of 1979, and Executive Order on Sacred Sites 13007 CFR § 61-104 dated May 24, 1996.

B. The NPS standard policies, Director's Orders #28 and 28A and the NPS management policies will be followed. In accordance with ARPA, the Superintendent of each park is the arbiter for what information can and cannot be released publicly.

C. Consulting Parties and members of the public are not entitled to receive information protected from public disclosure.

VII. DURATION

This PA will expire if its terms are not carried out within ten (10) years from the date of its execution. Twelve (12) months prior to expiration, the NPS may consult with the Signatories to reconsider the terms of this PA and amend it in accordance with Stipulation X below.

VIII. DISPUTE RESOLUTION

A. Should any Signatory or Consulting Party to this PA object at any time to any actions proposed or the manner in which the terms of the PA are implemented, NPS will consult with such Signatory to resolve the objection. If NPS determines that such objection cannot be resolved within a reasonable time period, NPS will:

1. Forward all documentation relevant to the dispute, including NPS's proposed resolution, to the ACHP with a copy to the Consulting Parties to this PA and request that ACHP provide NPS with its comments on the resolution of the objection within thirty (30) calendar days of receiving the documentation.
2. If the ACHP does not provide comment regarding the dispute within the thirty (30) calendar-day time period, NPS will make a final decision on the dispute and proceed accordingly.
3. The NPS will document this decision in a written response to the objection that takes into account any timely comments regarding the dispute from the Signatories and

Consulting Parties and provide the ACHP and all parties with a copy of such written response.

4. The NPS may then proceed according to its decision.
5. The Signatories remain responsible for carrying out all other actions subject to the terms of the PA that are not the subject of the dispute.

IX. ADOPTABILITY

In the event that a Federal agency other than NPS is considering providing financial assistance, permits, licenses, or approvals for the Plan, such Federal agency may become a Signatory to this PA as a means of satisfying its Section 106 compliance responsibilities. To become a Signatory to this PA, the agency official must provide written notice to the Signatories that the agency agrees to the terms of the PA, specifying the extent of the agency's intent to participate in the PA, and identifying the lead Federal agency for the Undertaking. The participation of the agency is subject to approval by the Signatories, who must respond to the written notice within thirty (30) calendar days, or the approval will be considered implicit. Any other modifications to the PA will be considered in accordance with Stipulation XI.

X. AMENDMENTS TO THE PA AND NON-COMPLIANCE

Any Signatory to this PA may request that it be amended. The Signatories will consult for no more than thirty (30) calendar days (or another time period agreed upon by all Signatories) to consider such amendment. The amendment will be effective on the date a copy, signed by all the Signatories, is filed with the ACHP.

XI. TERMINATION AND WITHDRAWAL

If any Signatory to this PA determines that the terms of the PA will not or cannot be carried out, that Signatory will immediately notify the other Signatories in writing and consult with them to seek resolution or amendment pursuant to Stipulations IX or XI of the PA. If within sixty (60) days a resolution or amendment cannot be reached, any Signatory may terminate their participation in the PA upon written notification to the other Signatories. Once the PA is terminated, and prior to work continuing on the Undertaking, NPS must either (a) execute a new PA pursuant to 36 CFR § 800.6 or (b) request, take into account, and respond to the comments of the ACHP under 36 CFR § 800.7. NPS will notify the Signatories as to the course of action it will pursue.

XII. SIGNATURES AND EFFECTIVE DATE

This PA may be executed in counterparts, with a separate page for each signatory. This PA will become effective immediately upon execution by all Signatories. The NPS will ensure that each signatory party is provided with a copy of the fully executed PA. Execution and implementation of this PA evidences that NPS has considered the effects of this Undertaking on historic properties and satisfied its responsibilities under Section 106 of the NHPA and its implementing regulations.

SIGNATURES AND EXHIBITS FOLLOW ON SEPARATE PAGES

PROGRAMMTIC AGREEMENT
AMONG
THE NATIONAL PARK SERVICE,
THE NATIONAL CAPITAL PLANNING COMMISSION,
DISTRICT OF COLUMBIA STATE HISTORIC PRESERVATION OFFICE, AND
VIRGINIA STATE HISTORIC PRESERVATION OFFICE,
REGARDING
THE TRIUMPHAL ARCH PROJECT

NATIONAL PARK SERVICE

Jennifer Madello — Date
Superintendent
George Washington Memorial Parkway

PROGRAMMTIC AGREEMENT
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VIRGINIA STATE HISTORIC PRESERVATION OFFICE,
REGARDING
THE TRIUMPHAL ARCH PROJECT

DISTRICT OF COLUMBIA HISTORIC PRESERVATION OFFICE

David Maloney — Date
DC Historic Preservation Officer

PROGRAMMTIC AGREEMENT
AMONG
THE NATIONAL PARK SERVICE,
THE NATIONAL CAPITAL PLANNING COMMISSION,
DISTRICT OF COLUMBIA STATE HISTORIC PRESERVATION OFFICE, AND
VIRGINIA STATE HISTORIC PRESERVATION OFFICE,
REGARDING
THE TRIUMPHAL ARCH PROJECT

VIRGINIA STATE HISTORIC PRESERVATION OFFICE

_____

Date

VA Historic Preservation Officer

APPENDIX A. PLANS, SECTIONS, AND RENDERINGS OF PROPOSED UNDERTAKING

TRIUMPHAL ARCH
WASHINGTON, DISTRICT OF COLUMBIA

DISCLAIMER: RENDERINGS ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY NOT REFLECT THE FINAL DESIGN.

SITE LOCATION MAP

MEMORIAL CIRCLE
COLUMBIA ISLAND,
WASHINGTON, DISTRICT OF COLUMBIA

DRAWING INDEX

ARCHITECTURAL

A-1.00	COVER SHEET
A-2.00	GROUND LEVEL FLOOR PLAN
A-2.01	GROUND LEVEL MECHANICAL REFLECTED CEILING PLAN
A-2.10	LOWER MEZZANINE FLOOR PLAN
A-2.30	UPPER MEZZANINE FLOOR PLAN
A-2.40	OBSERVATION DECK LEVEL FLOOR PLAN
A-2.41	OBSERVATION DECK LEVEL REFLECTED CEILING PLAN
A-3.00	FRONT ELEVATION
A-3.10	SIDE ELEVATION
A-3.20	REAR ELEVATION
A-3.30	SIDE ELEVATION
A-4.00	BUILDING SECTION
A-4.10	BUILDING SECTIONS

CIVIL

CD101	DEMOLITION AND SITE PREPARATION PLAN
CG101	GRADING PLAN
CG102	DRAINAGE PLAN
CS101	SITE PLAN
CU101	UTILITY PLAN

HARRISON DESIGN
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Washington, DC 20007
(202) 733-1479
harrisondesign.com

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TRIUMPHAL ARCH - WASHINGTON, DC
WASHINGTON, DC

stamps

issue

date 05-25-2026
scale NTS
drawn JG, KA checked NC
project no. 266206
title COVER SHEET
sheet number A-1.00

NOT RELEASED FOR CONSTRUCTION

NOT RELEASED FOR CONSTRUCTION

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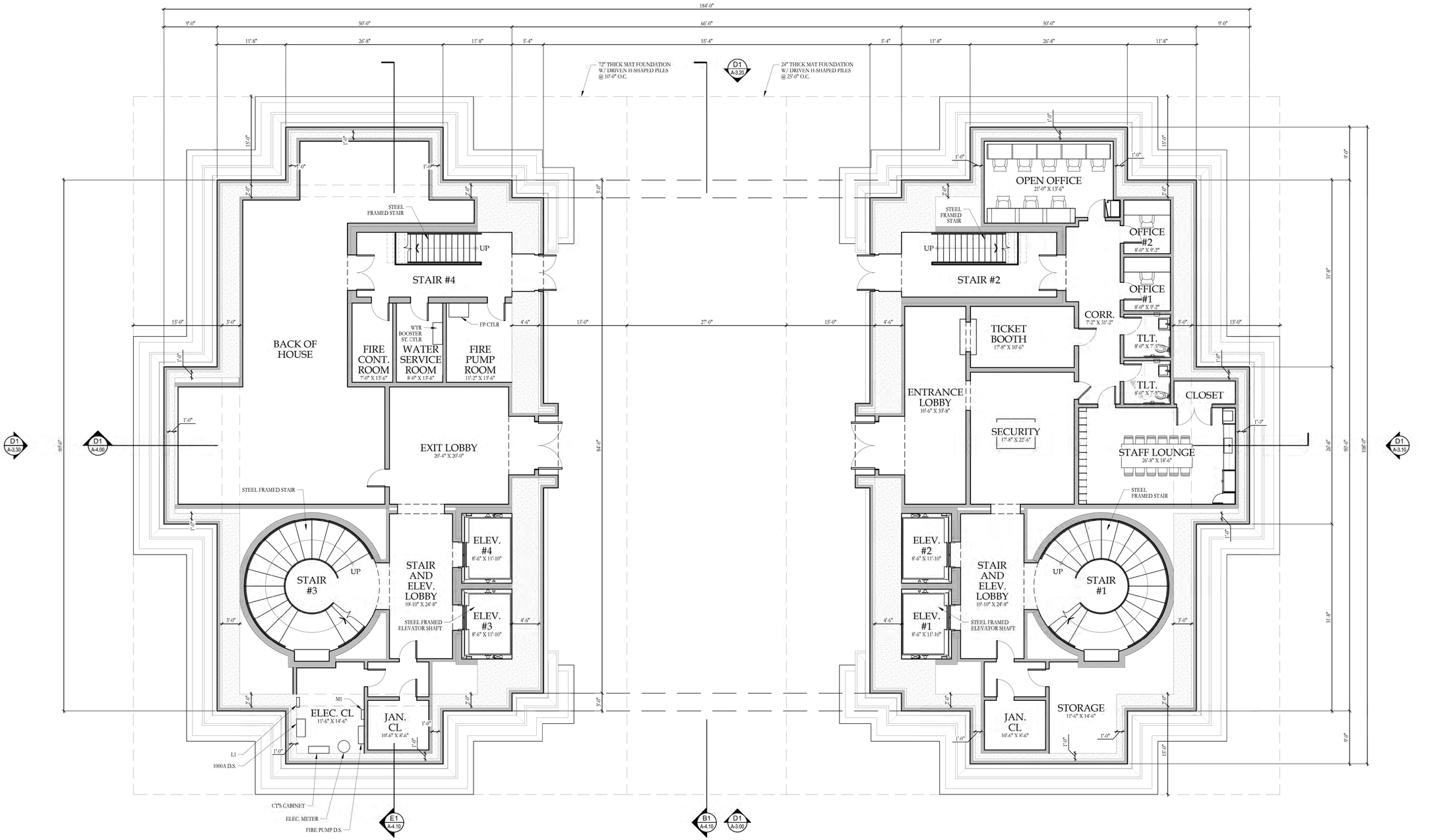

B1 A-2.00 GROUND LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"

N

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WASHINGTON, DC

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issue

date	05-25-2026
scale	1/8" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	GROUND LEVEL FLOOR PLAN
sheet number	A-2.00

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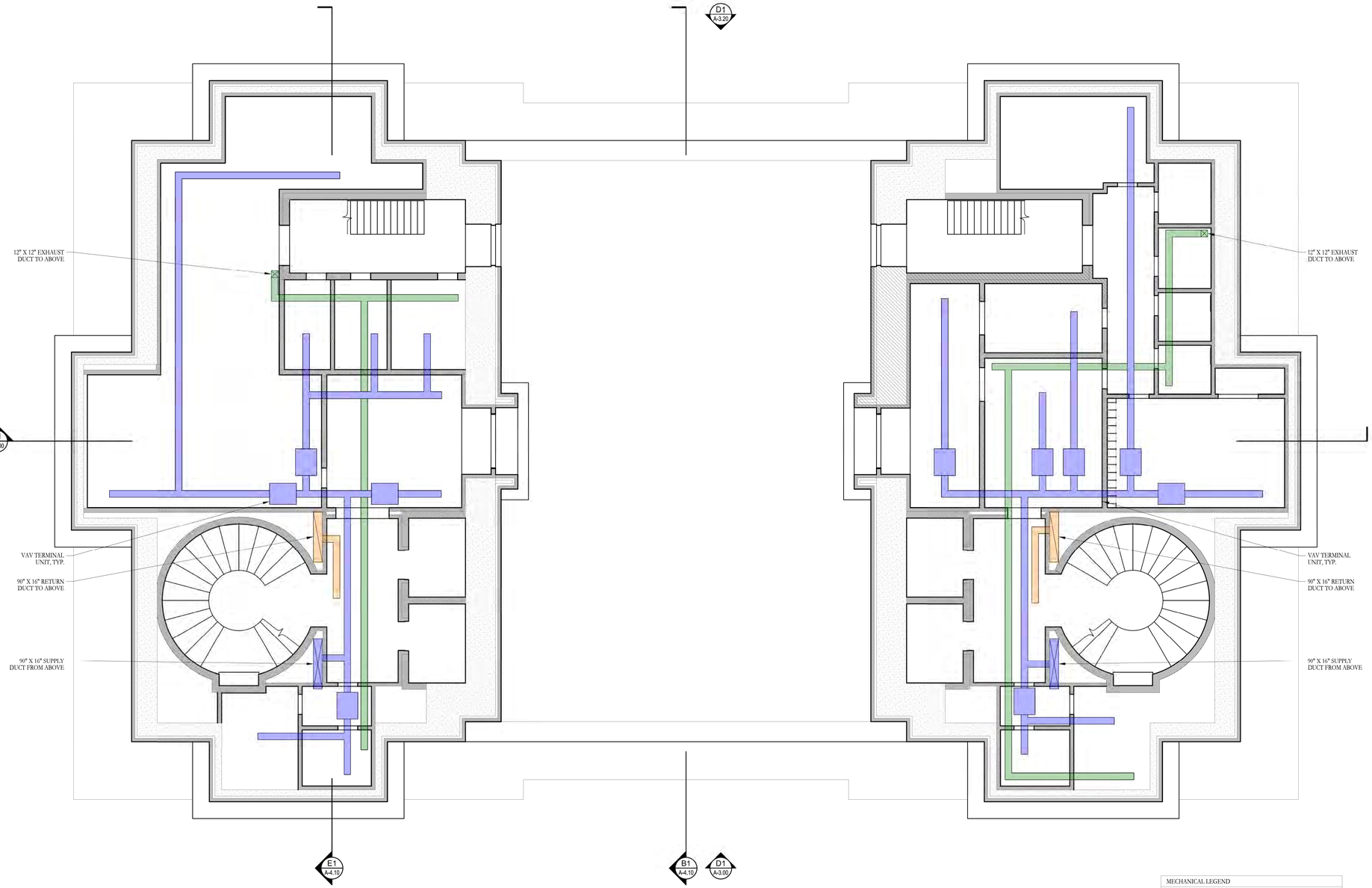

B1 / A-2.00 GROUND LEVEL REFLECTED CEILING PLAN
SCALE: 1/8" = 1'=0"

N

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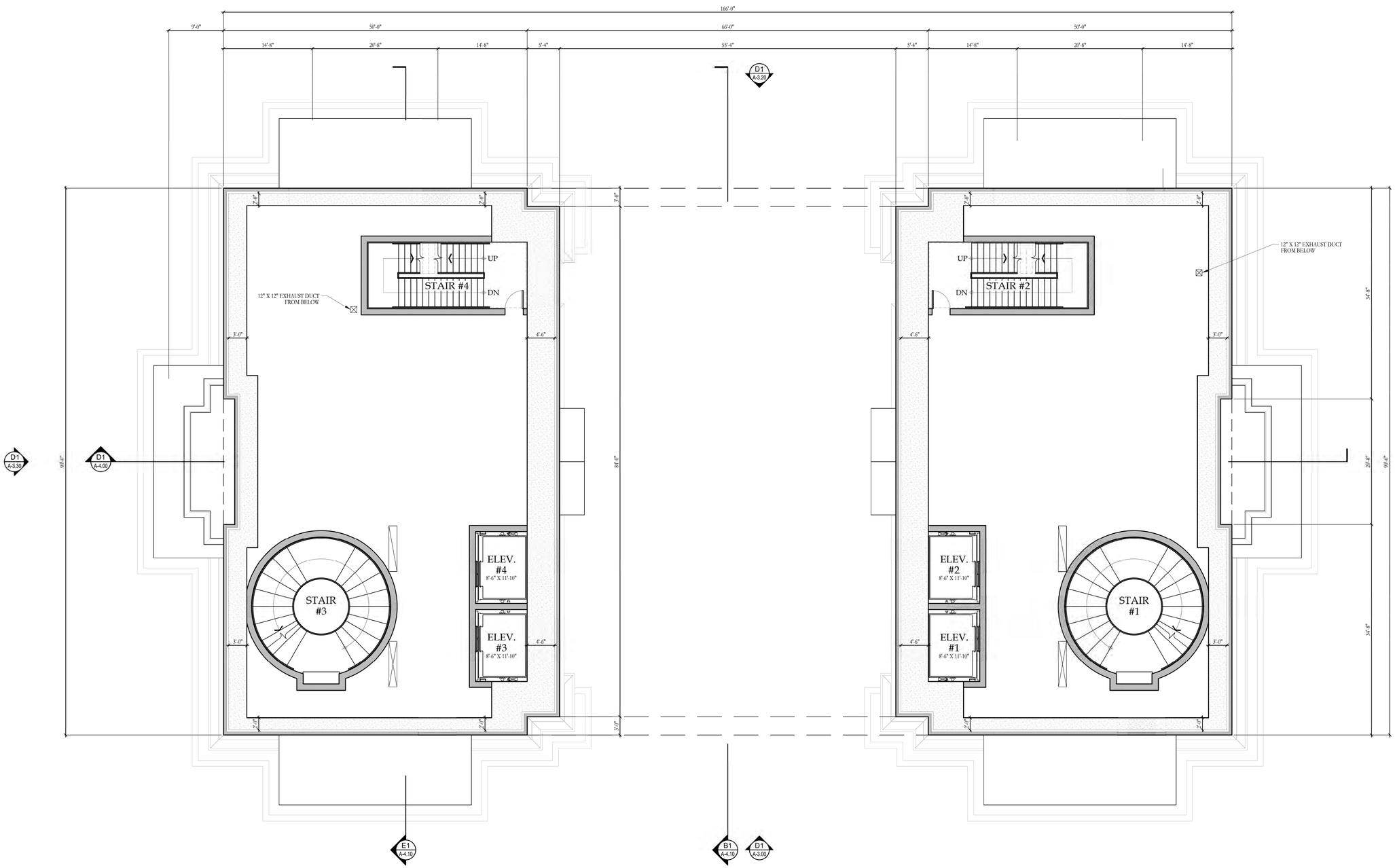
stamps

issue

date	05-25-2026
scale	1/8" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	GROUND LEVEL MECHANICAL REFLECTED CEILING PLAN
sheet number	A-2.01

RELEASED FOR CONSTRUCTION

V:\Projects\St Therese Catholic Church\266206 A200 - Floor Plans.dwg May 26, 2026 - 10:06am



B1
A-2.10
LOWER MEZZANINE FLOOR PLAN
SCALE: 1/8" = 1'=0"

N

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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date	05-25-2026
scale	1/8" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	LOWER MEZZANINE FLOOR PLAN
sheet number	A-2.10

V:\Projects\St Therese Catholic Church\266206 A2\0- Floor Plans.dwg May 26, 2026 - 10:05am

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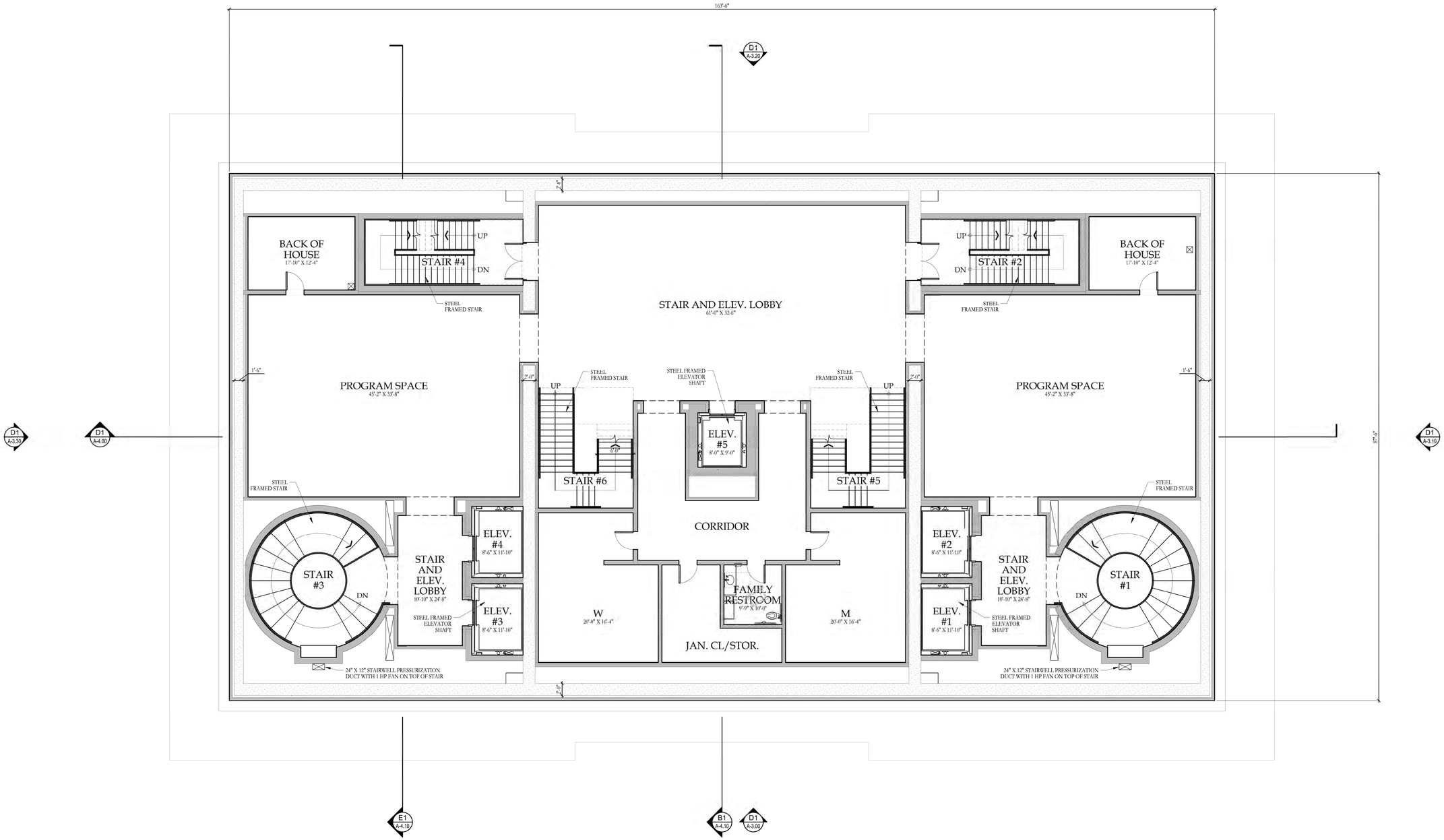

B1 / A-2.20 GALLERY LEVEL FLOOR PLAN
SCALE: 1/8" = 1'=0"

N

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WASHINGTON, DC

stamps

issue

date 05-25-2026

scale 1/8" = 1'-0"

drawn JG, KA checked NC

project no. 266206

title GALLERY LEVEL FLOOR PLAN

sheet number A-2.20

V:\Projects\St Therese Catholic Church\266206 A200 - Floor Plans.dwg May 26, 2026 - 10:00am

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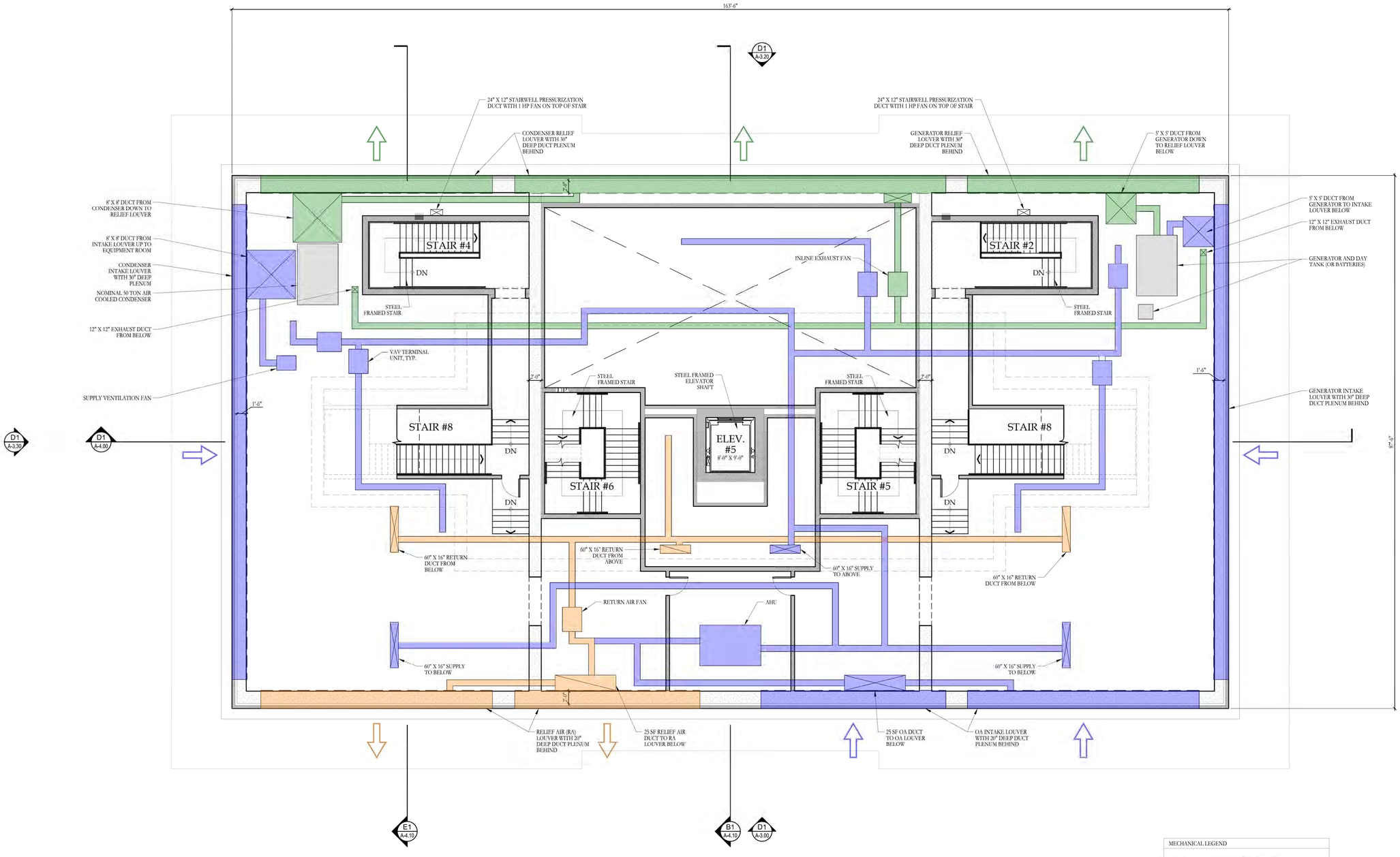

MECHANICAL LEGEND

- SUPPLY AIR
- RETURN / RELIEF AIR
- EXHAUST AIR
- DUCT RISER

B1 / A-2.30 UPPER MEZZANINE FLOOR PLAN

SCALE: 1/8" = 1'=0"

N

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stamps

issue

date 05-25-2026

scale 1/8" = 1'-0"

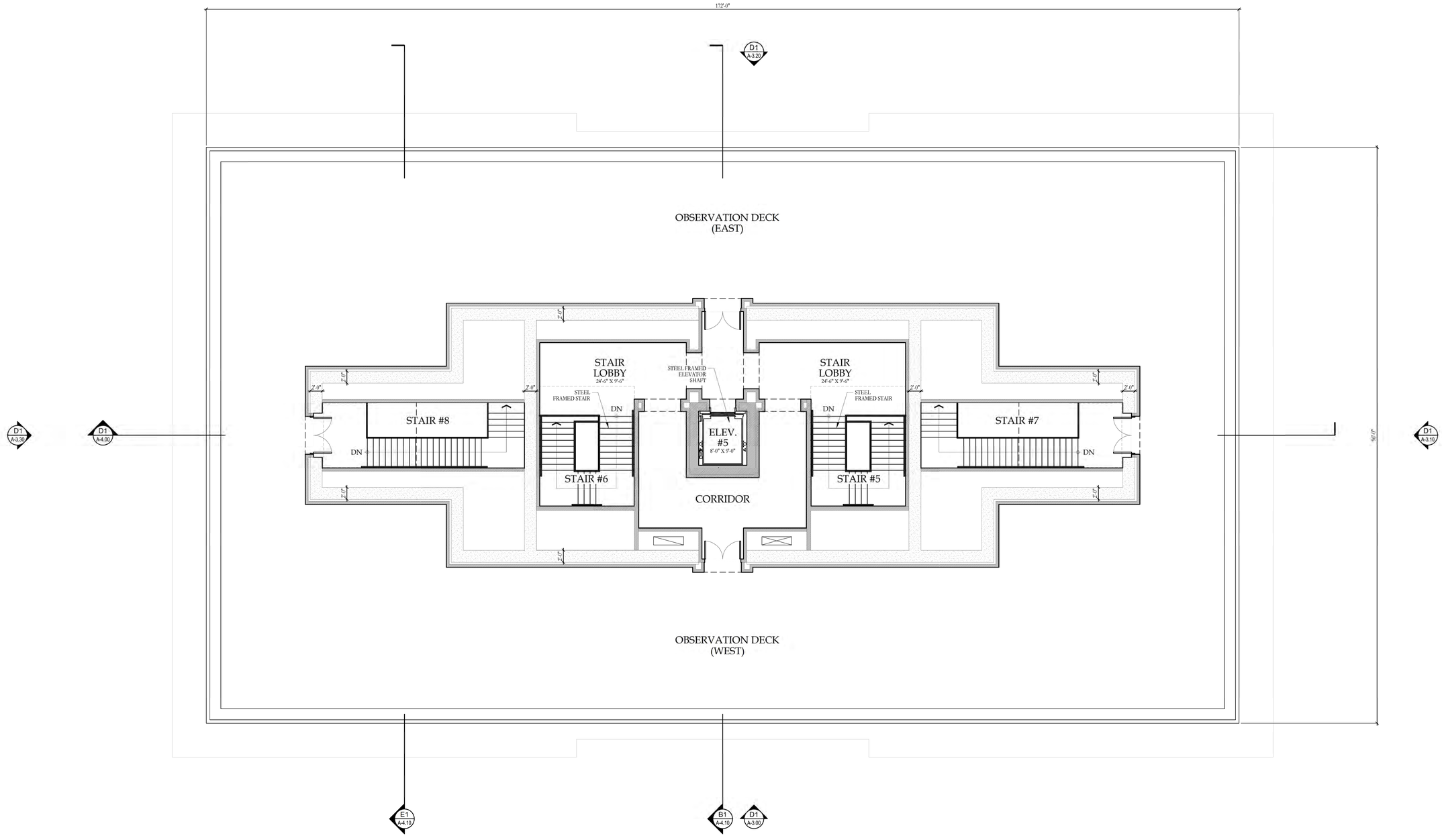
drawn JG, KA checked NC

project no. 266206

title UPPER MEZZANINE FLOOR PLAN

sheet number A-2.30

RELEASED FOR CONSTRUCTION



B1
A-2.40
OBSERVATION DECK LEVEL FLOOR PLAN
SCALE: 1/8" = 1'=0"

N

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WASHINGTON, DC

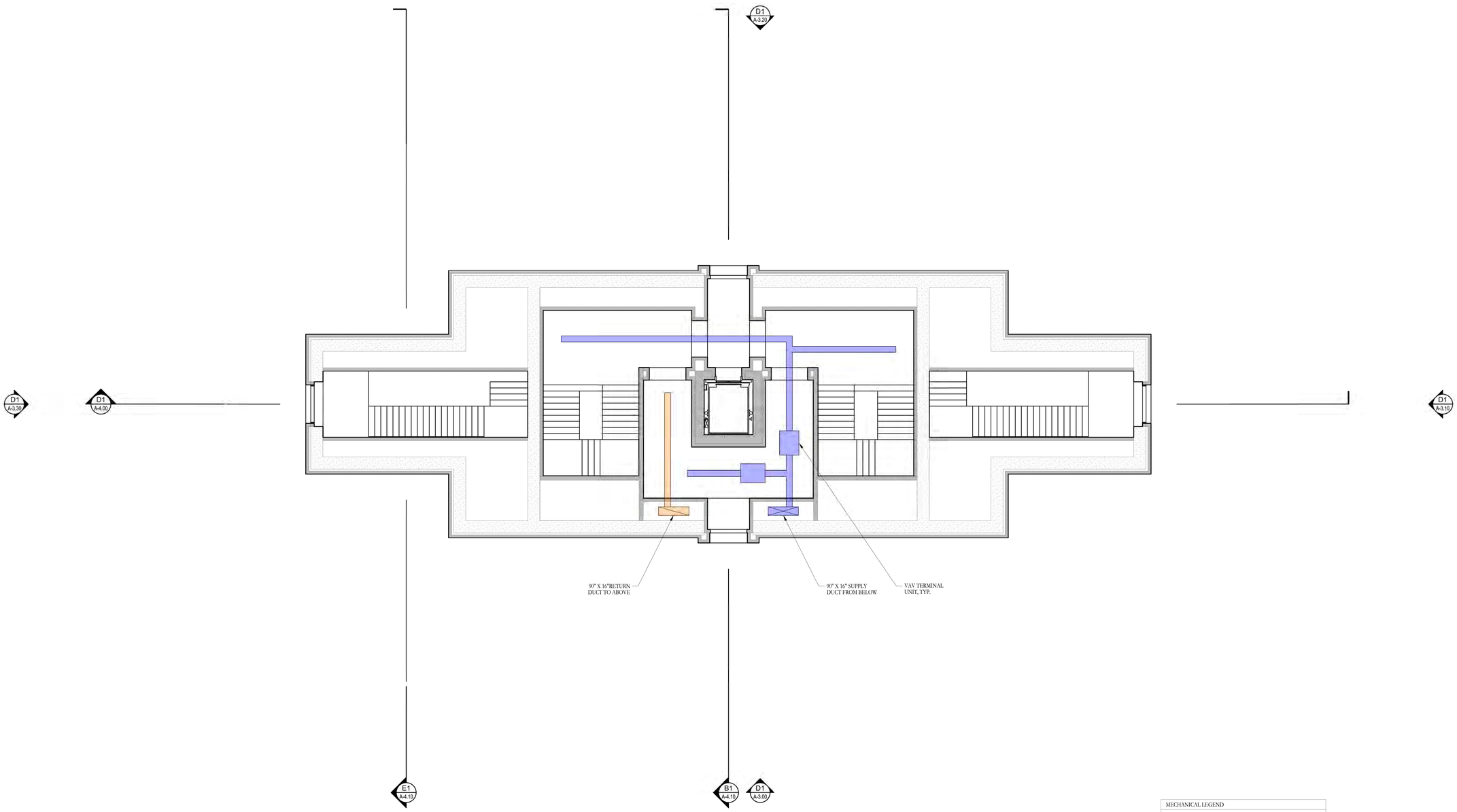
stamps

issue

date	05-25-2026
scale	1/8" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	OBSERVATION DECK LEVEL FLOOR PLAN
sheet number	A-2.40

RELEASED FOR CONSTRUCTION

V:\Projects\St Therese Catholic Church\266206 A200 - Floor Plans.dwg May 26, 2026 - 10:00am



MECHANICAL LEGEND

- SUPPLY AIR
- RETURN / RELIEF AIR
- EXHAUST AIR
- DUCT RISER

B1 / A-2.41 OBSERVATION DECK LEVEL REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

N

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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date	05-25-2026
scale	1/8" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	OBSERVATION DECK LEVEL MECHANICAL REFLECTED CEILING PLAN
sheet number	A-2.41

V:\Projects\St Therese Catholic Church\266206 A2\20 - Floor Plans.dwg May 26, 2026 - 10:05am

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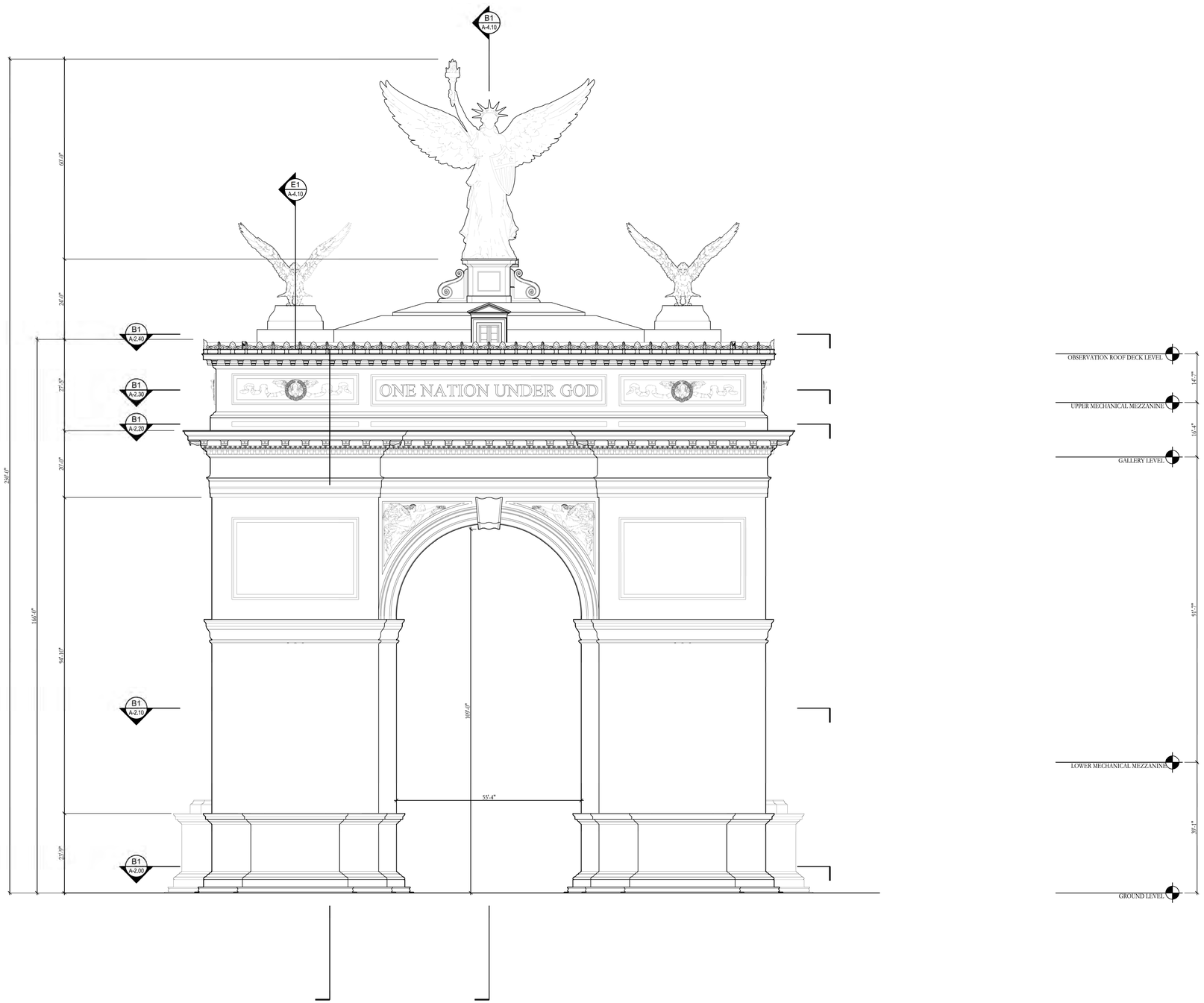

D1
A-3.00
FRONT ELEVATION
SCALE: 1/16" = 1'=0"

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stamps

issue

date	05-25-2026
scale	1/16" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	FRONT ELEVATION
sheet number	A-3.00

RELEASED FOR CONSTRUCTION

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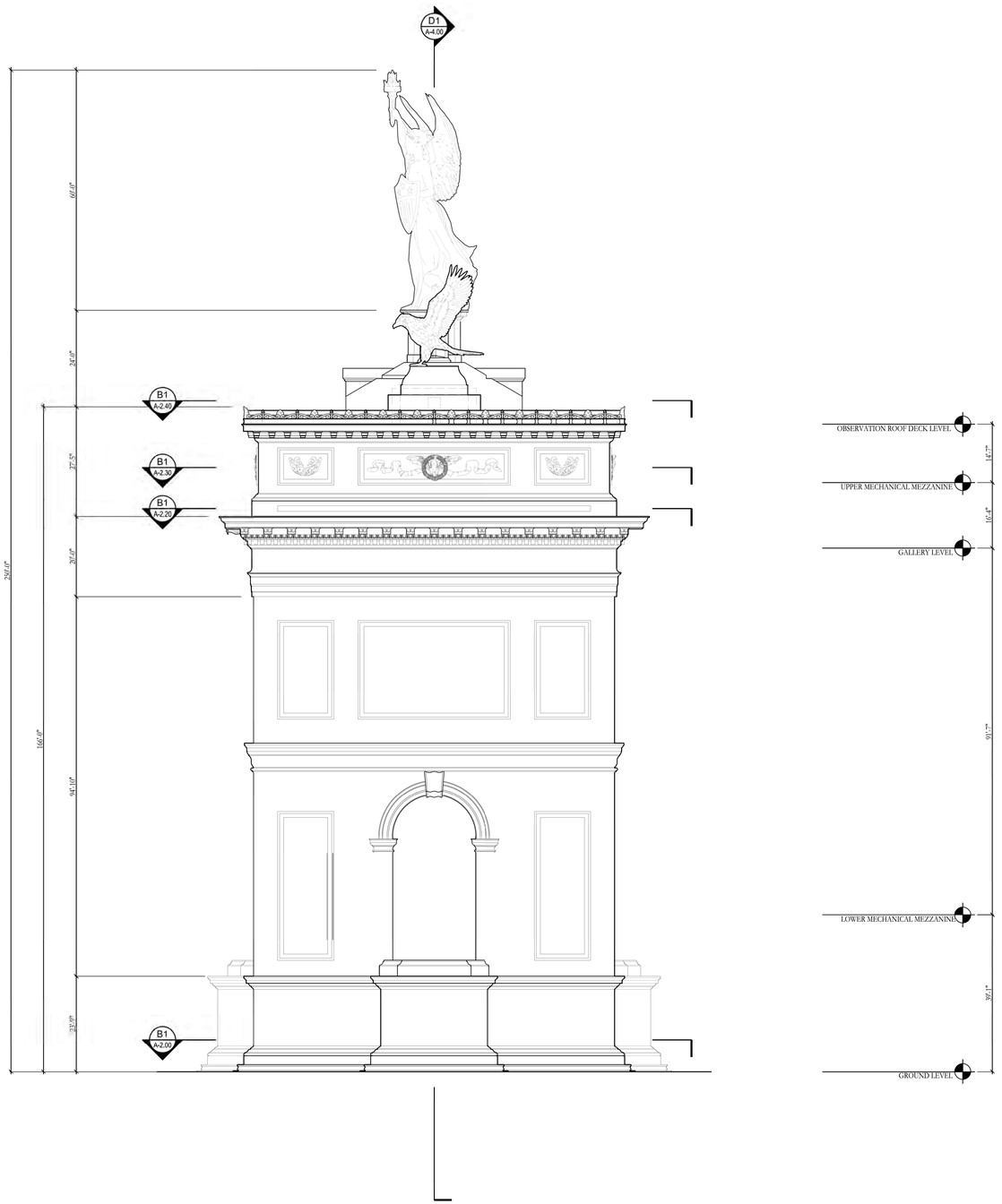

D1 / A-3.10 SIDE ELEVATION

SCALE: 1/16" = 1'=0"

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WASHINGTON, DC

stamps

issue

date 05-25-2026

scale 1/16" = 1'-0"

drawn JG, KA checked NC

project no. 266206

title SIDE ELEVATION

sheet number A-3.10

V:\Projects\St Therese Catholic Church\266206 A3\0 - Elevations.dwg May 26, 2026 - 10:00am

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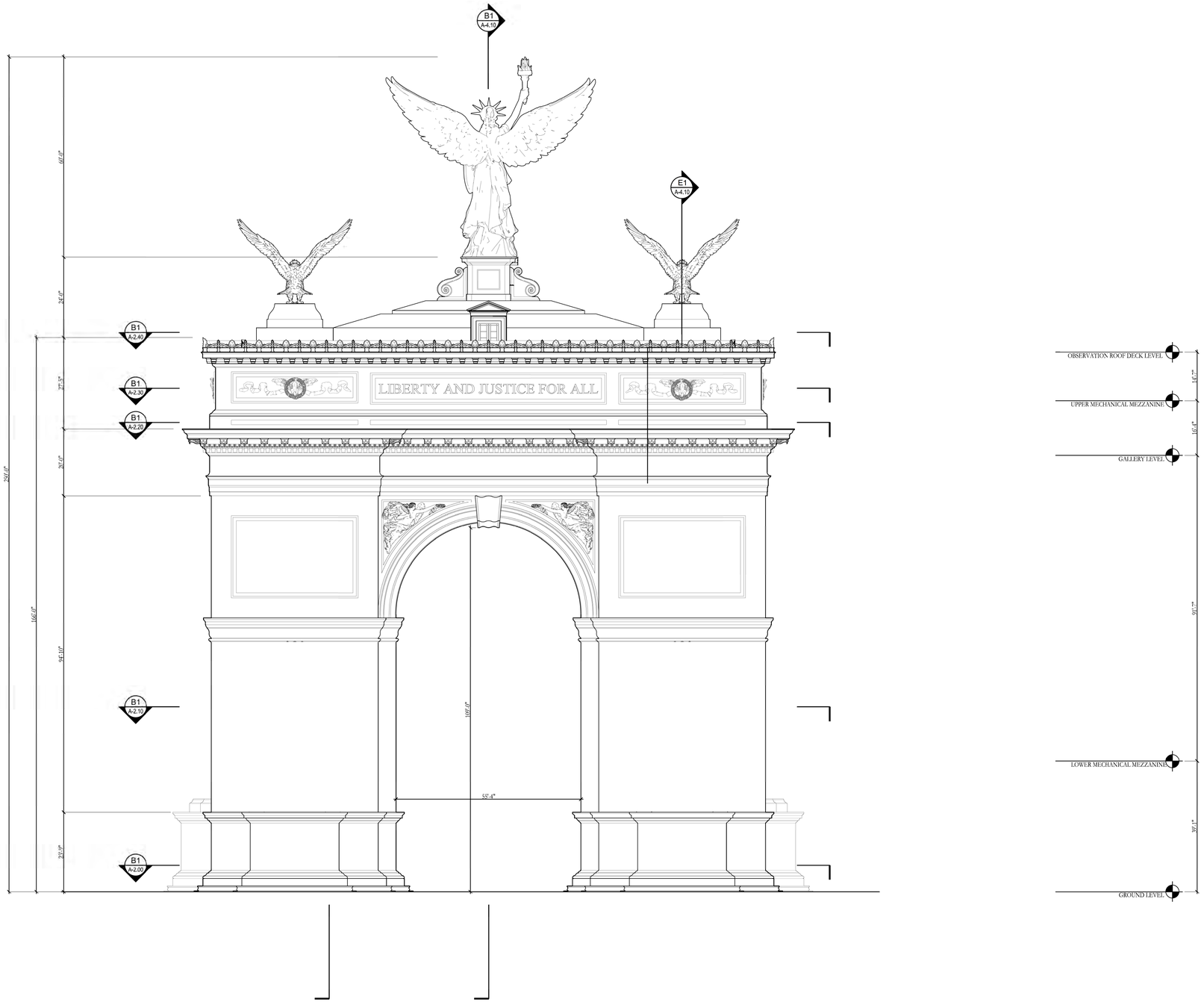

D1
A-3.20
REAR ELEVATION
SCALE: 1/16" = 1'=0"

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WASHINGTON, DC

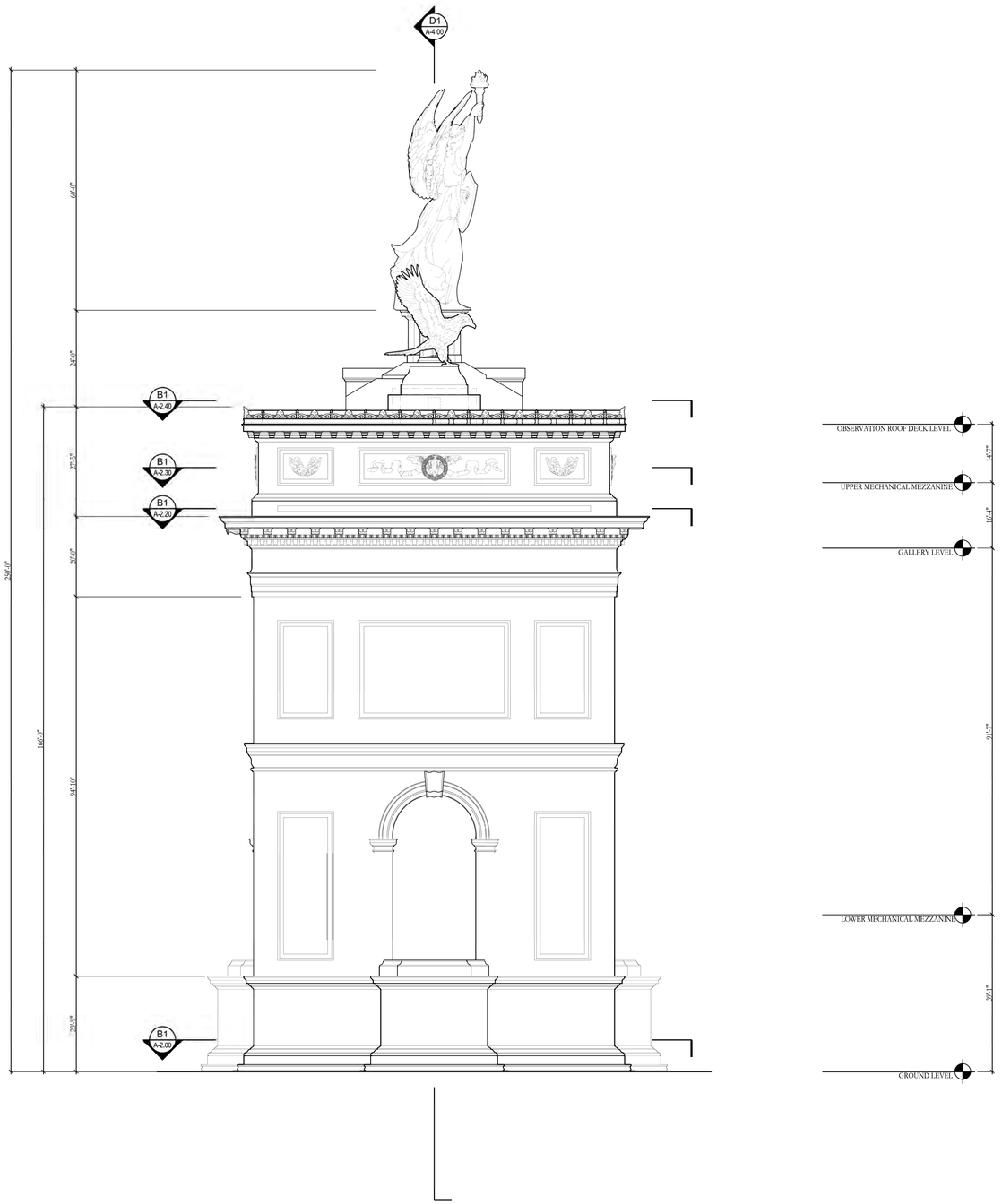
stamps

issue

date	05-25-2026
scale	1/16" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	REAR ELEVATION
sheet number	A-3.20

RELEASED FOR CONSTRUCTION

V:\Projects\St Therese Catholic Church\266206 A300 - Elevations.dwg May 26, 2026 - 10:12am



D1 / A-3.30 SIDE ELEVATION
SCALE: 1/16" = 1'=0"

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WASHINGTON, DC

stamps

issue

date 05-25-2026

scale 1/16" = 1'-0"

drawn JG, KA checked NC

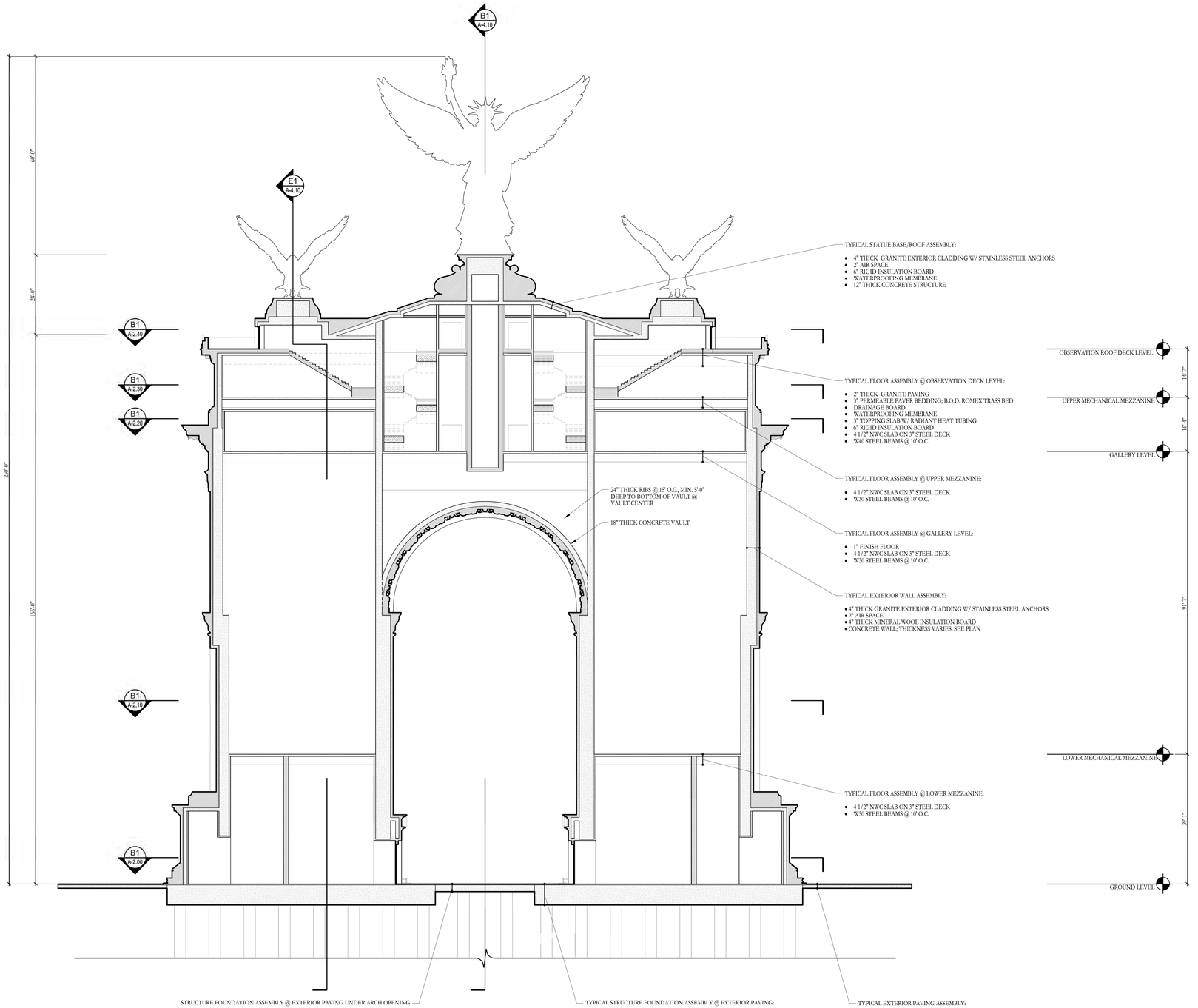
project no. 266206

title SIDE ELEVATION

sheet number A-3.30

V:\Projects\St Therese Catholic Church\266206 A3\3D - Elevations.dwg May 26, 2026 - 10:10am

RELEASED FOR CONSTRUCTION



D1
A-4.00
BUILDING SECTION
SCALE: 1/16" = 1'=0"

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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date 05-25-2026
scale 1/16" = 1'-0"
drawn JG, KA checked NC
project no. 266206
title BUILDING SECTION
sheet number A-4.00

RELEASED FOR CONSTRUCTION

May 26, 2026 - 10:13am
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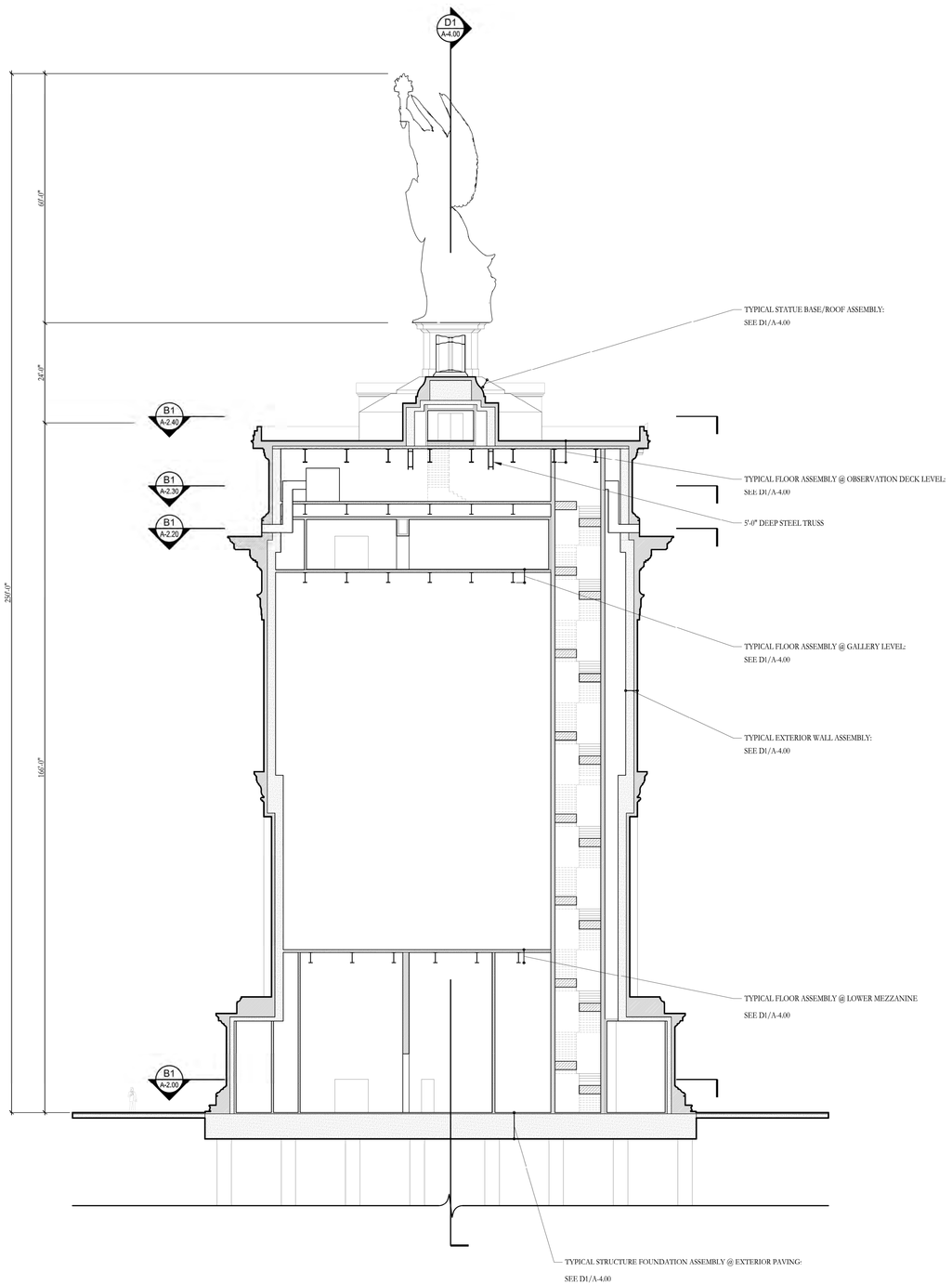

E1 / A-4.10 BUILDING SECTION
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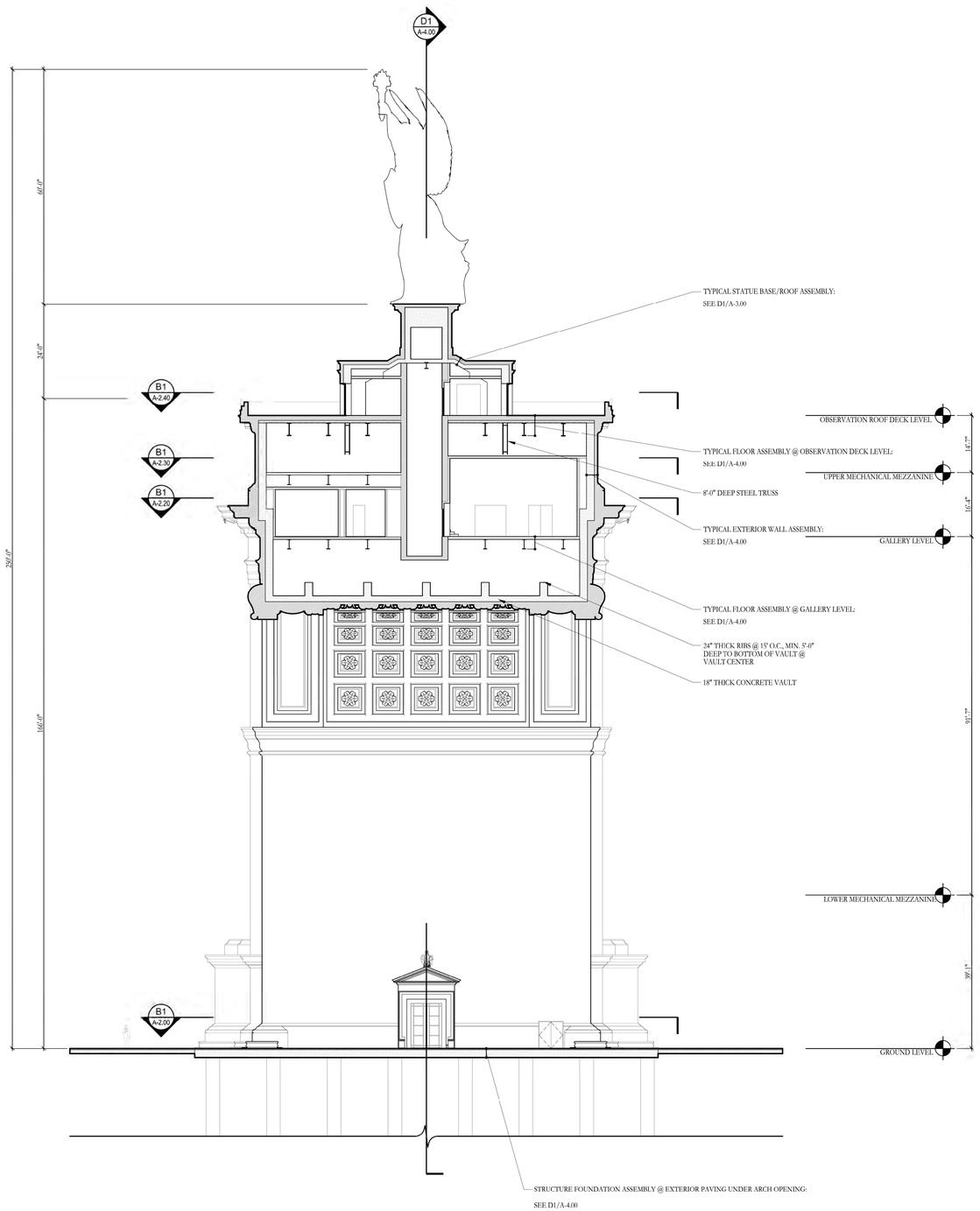

B1 / A-4.10 BUILDING SECTION
SCALE: 1/16" = 1'=0"

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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date	05-25-2026
scale	1/16" = 1'-0"
drawn	JG, KA
checked	NC
project no.	266206
title	BUILDING SECTIONS
sheet number	A-4.10

V:\Projects\St Therese Catholic Church\266206 A\03 - Sections.dwg May 25, 2026 - 10:15am

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MAY 7, 2026

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RENDERING

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

RENDERING

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON HOUSE - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON HOUSE - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM HEMICYCLE - BEFORE

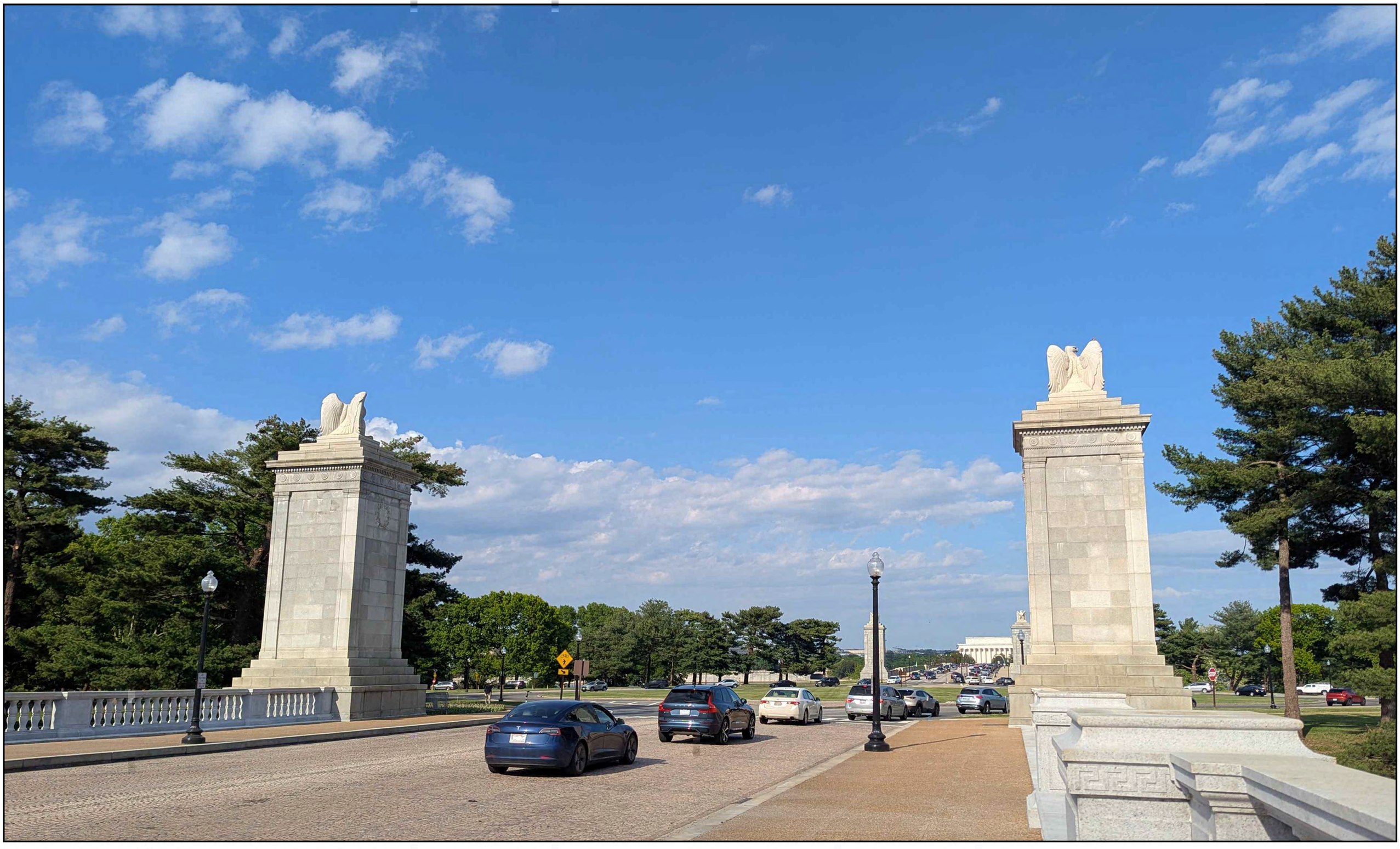
HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM HEMICYCLE - AFTER

HARRISON DESIGN

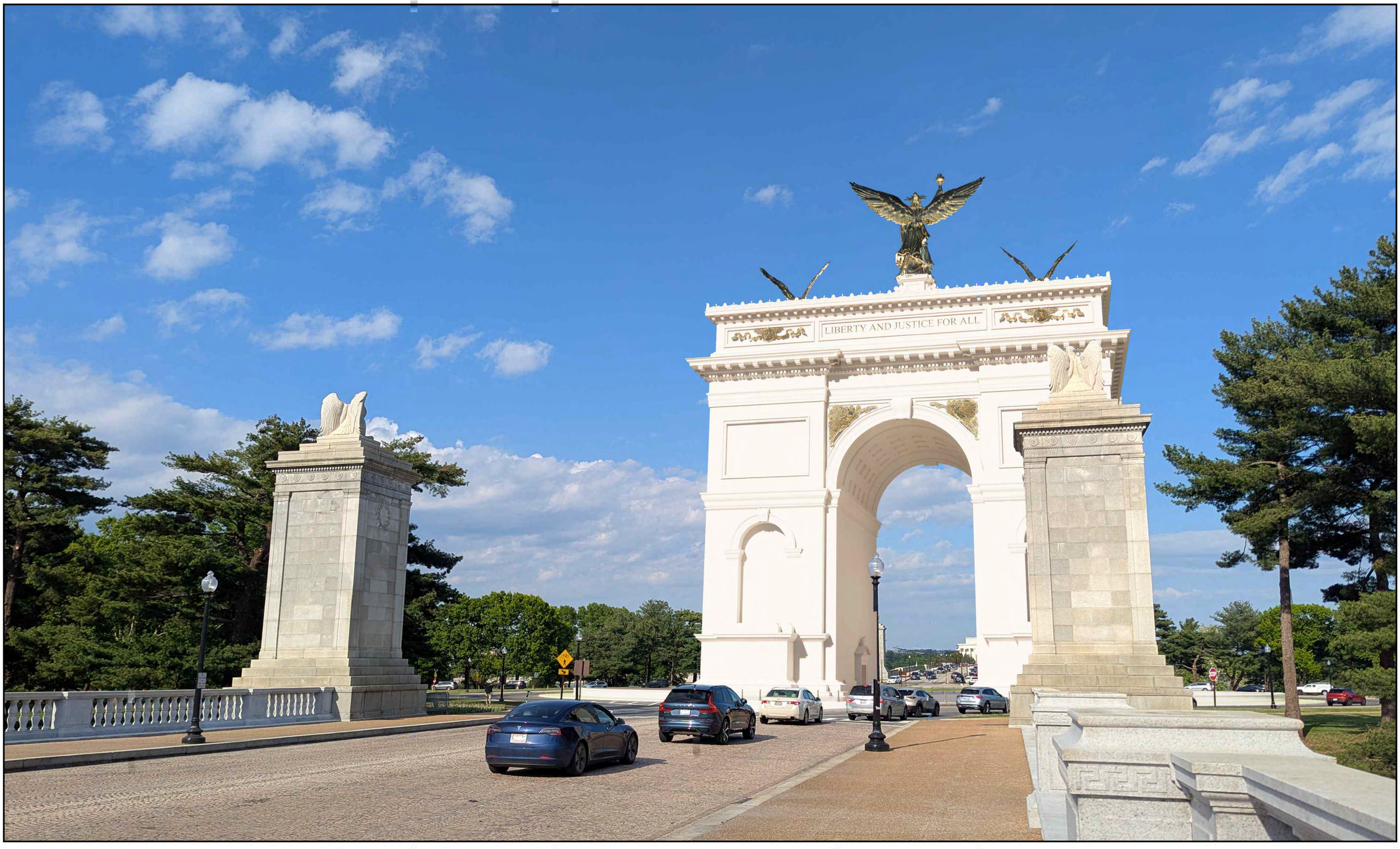


MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON BRIDGE - BEFORE

HARRISON DESIGN

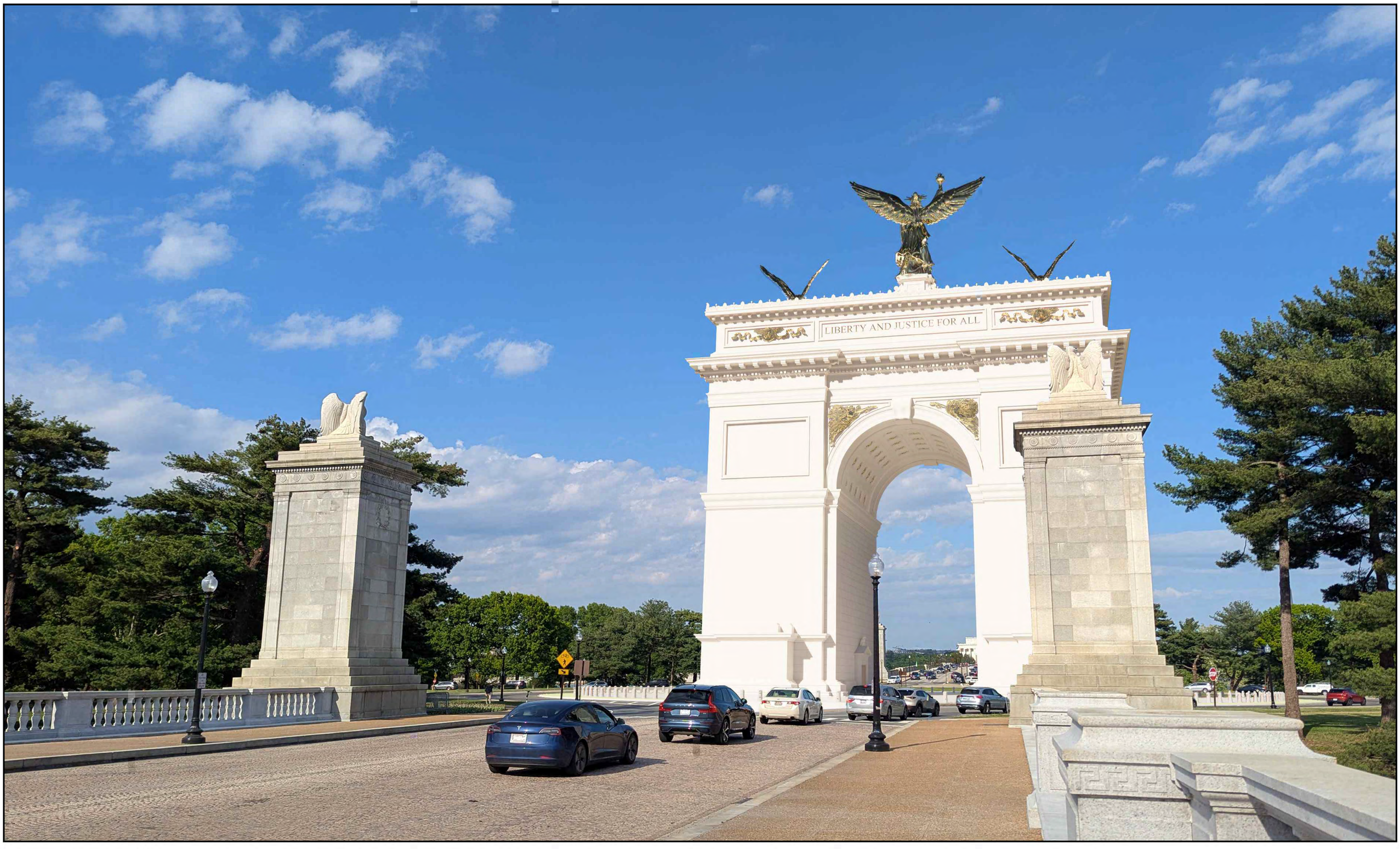


MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON BRIDGE - AFTER

HARRISON DESIGN



MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON BRIDGE - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM MEMORIAL BRIDGE - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM MEMORIAL BRIDGE - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM PARKWAY DR NW - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM PARKWAY DR NW - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL CIRCLE - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL CIRCLE - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - AFTER

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM CAPITOL HILL - BEFORE

HARRISON DESIGN

MAY 7, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM CAPITOL HILL - AFTER

HARRISON DESIGN

MAY 14, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM CAPITOL HILL - BEFORE

HARRISON DESIGN

MAY 14, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM CAPITOL HILL - AFTER

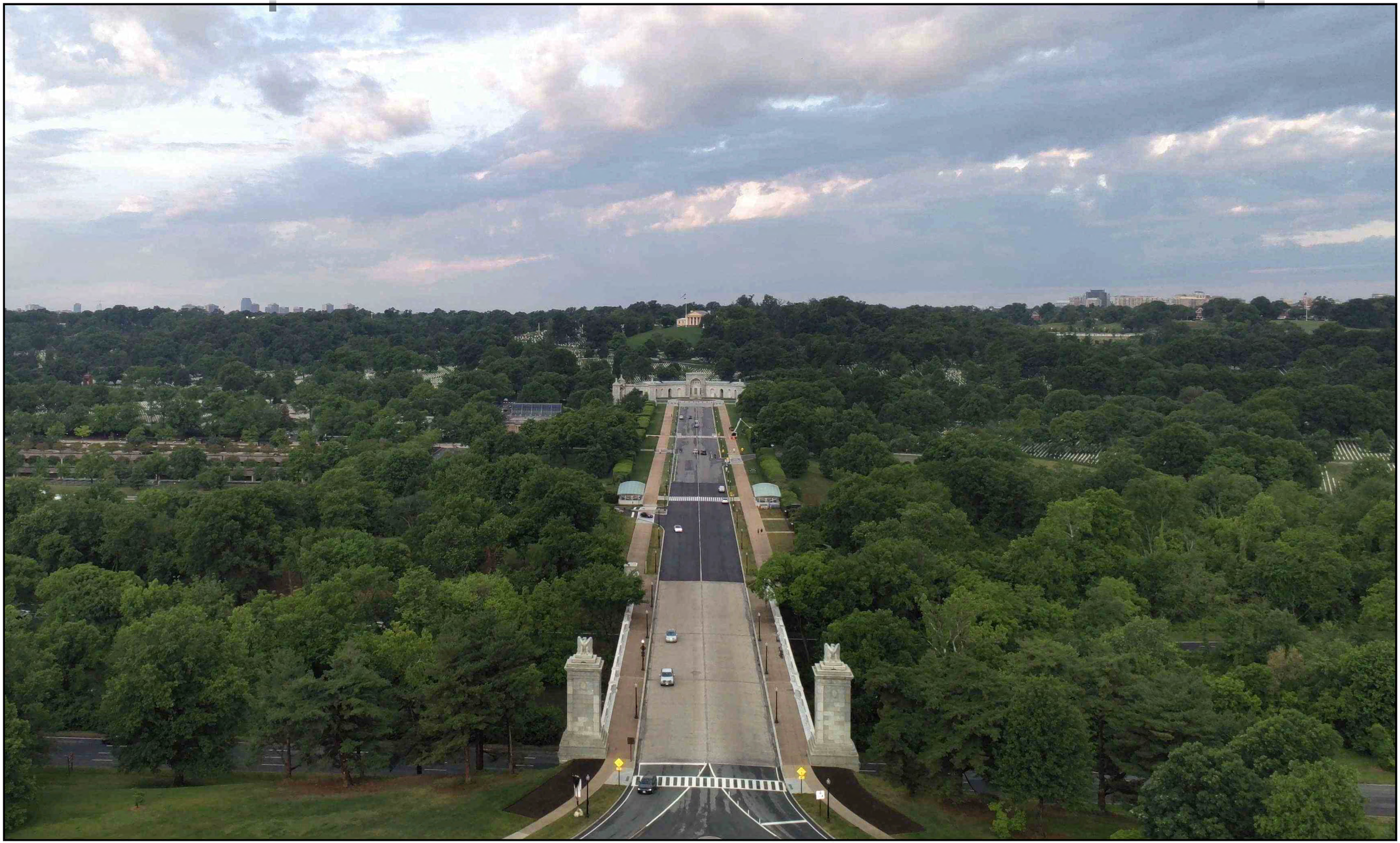
HARRISON DESIGN

MAY 14, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD EAST

HARRISON DESIGN

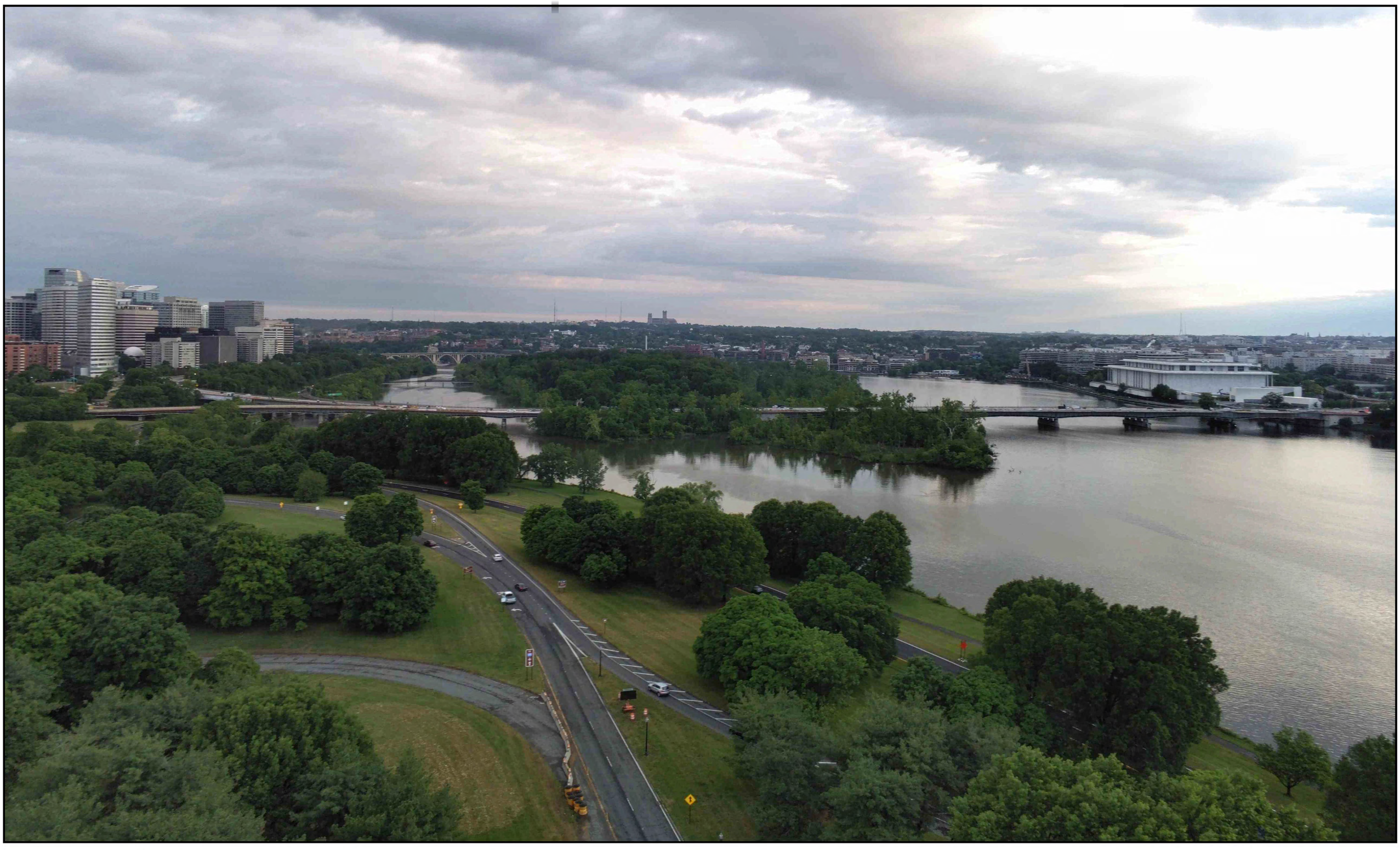


MAY 14, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD WEST

HARRISON DESIGN



MAY 14, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD NORTHEAST

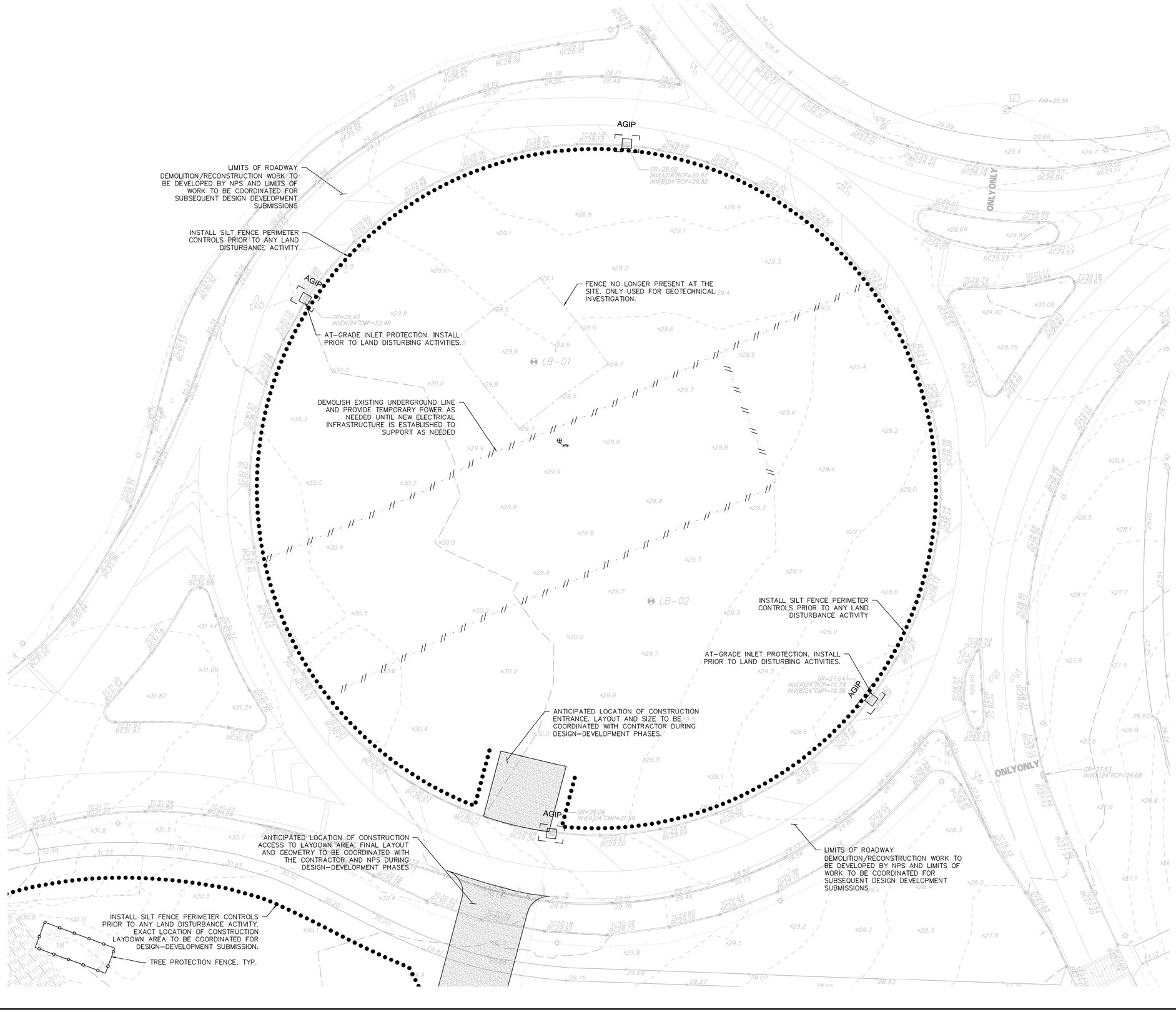
HARRISON DESIGN

MAY 14, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD SOUTH

HARRISON DESIGN



SITE DEMOLITION AND SITE PREPARATION NOTES:

1. 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.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES, INCLUDING BOT NOT LIMITED TO SIGNS, LIGHTS, FENCES, BARRIERS, AND PEDESTRIAN AND TRAFFIC CONTROL MEASURES DURING DEMOLITION.
3. RECYCLED ASPHALT OR CONCRETE MAY NOT BE USED FOR FILL.

DOEE SOIL EROSION AND SEDIMENT CONTROL PLAN NOTES:

1. FOLLOWING INITIAL LAND DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR INTERIM STABILIZATION MUST BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS FOR THE SURFACES OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES,PERIMETER SLOPES, AND SLOPES GREATER THAN 3H:1V, AND FOURTEEN (14) DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THESE REQUIREMENTS DO NOT APPLY TO AREAS SHOWN ON THE PLAN THAT ARE USED FOR MATERIAL STORAGE OTHER THAN STOCKPILING, OR FOR THOSE AREAS ON THE PLAN WHERE ACTUAL CONSTRUCTION ACTIVITIES ARE BEING PERFORMED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY SO THAT STABILIZED AREAS CONTINUOUS MEET THE APPROPRIATE REQUIREMENTS OF THE DISTRICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
2. ESC MEASURES SHALL BE IN PLACE BEFORE AND DURING LAND DISTURBANCE.
3. CONTACT DOEE INSPECTION (202 535-2977 TO SCHEDULE A PRE-CONSTRUCTION MEETING AT LEAST THREE (3) DAYS BEFORE THE COMMENCEMENT OF A LAND-DISTURBING ACTIVITY.
4. A COPY OF THE APPROVED PLAN SET WILL BE MAINTAINED AT THE CONSTRUCTION SITE FROM THE DATE THAT CONSTRUCTION ACTIVITIES BEGIN TO THE DATE OF FINAL STABILIZATION AND WILL BE AVAILABLE FOR DOEE INSPECTORS.
5. ESC MEASURES SHALL BE IN PLACE TO STABILIZE AN EXPOSED AREA AS SOON AS PRACTICABLE AFTER CONSTRUCTION ACTIVITY HAS BEEN OR PERMANENTLY CEASED BUT NO LATER THAN FOURTEEN (14) DAYS FOLLOWING CESSATION, EXCEPT THAT TEMPORARY OR PERMANENT STABILIZATION SHALL BE IN PLACE AT THE END OF EACH DAY OF UNDERGROUND UTILITY WORK THAT IS NOT CONTAINED WITHIN A LARGER DEVELOPMENT SITE.
6. STOCKPILED MATERIAL BEING ACTIVELY USED DURING A PHASE OF CONSTRUCTION SHALL BE PROTECTED AGAINST EROSION BY ESTABLISHING AND MAINTAINING PERIMETER CONTROLS AROUND THE STOCKPILE.
7. STOCKPILED MATERIAL NOT BEING ACTIVELY USED OR ADDED TO SHALL BE STABILIZED WITH MULCH, TEMPORARY VEGETATION, HYDRO-SEE OR PLASTIC WITHIN FIFTEEN CALENDAR DAYS AFTER ITS LAST USE OR ADDITION.
8. PROTECT BEST MANAGEMENT PRACTICES FROM SEDIMENTATION AND OTHER DAMAGE DURING CONSTRUCTION FOR PROPER POST CONSTRUCTION OPERATION.
9. REQUEST A DOEE INSPECTOR'S APPROVAL AFTER THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
10. REQUEST A DOEE INSPECTOR'S APPROVAL AFTER FINAL STABILIZATION OF THE SITE AND BEFORE THE REMOVAL OF EROSION AND SEDIMENT CONTROLS.
11. FINAL STABILIZATION MEANS THAT ALL LAND-DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND EITHER OF THE FOLLOWING TWO CRITERIA HAVE BEEN MET: (1) A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF SEVENTY PERCENT OF THE NATIVE BACKGROUND VEGETATIVE COVER FOR THE AREA HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR (2) EQUIVALENT PERMANENT STABILIZATION MEASURES HAVE BEEN EMPLOYED.
12. FOLLOW THE REQUIREMENTS OF THE UNITED STATED EPS SWPPP AND MAINTAIN A LEGIBLE COPY OF THIS SWPPP ON SITE.
13. POST A SIGN THAT NOTIFIES THE PUBLIC TO CONTACT DOEE IN THE EVENT OF EROSION OR OTHER POLLUTION. THE SIGHT WILL BE PLACED AT EACH ENTRANCE TO THE SITE OR AS DIRECTED BY THE DOEE INSPECTOR. EACH SIGN WILL BE NO LESS THAN 18 x 24 INCHES IN SIZE AND MADE OF MATERIALS THAT WILL WITHSTAND WEATHER FOR THE DURATION OF THE PROJECT. LETTERING WILL BE AT LEAST 1 INCH IN HEIGHT AND EASILY READABLE BY THE PUBLIC FROM A DISTANCE OF TWELVE FEET (12 FT). THE SIGN MUST DIRECT THE PUBLIC, IN SUBSTANTIALLY THE FOLLOWING FORM: " TO REPORT EROSION, RUNOFF OR STORMWATER POLLUTION" AND WILL PROVIDE TEH CONSTRUCTION SITE ADDRESS, DOEE'S TELEPHONE NUMBER, DOEE'S EMAIL ADDRESS AND THE 311 MOBILE APP HEADING.

Date	Description	No.
Revisions		

Signature Date

LANGAN
Langan Engineering and Environmental Services, LLC
1300 Wilson Blvd
Arlington, VA 22209
www.langan.com

Project

CONFIDENTIAL PROJECT

GEORGE WASHINGTON MEMORIAL PARKWAY
PAR03170001
WASHINGTON DISTRICT OF COLUMBIA

Drawing Title

DEMOLITION AND SITE PREPARATION PLAN

Project No.	Drawing No.
270228201	CD101
Date: 05/22/2026	
Drawn By: AMF	
Checked By: RCL	0

LANGAN
Project No. 001234501

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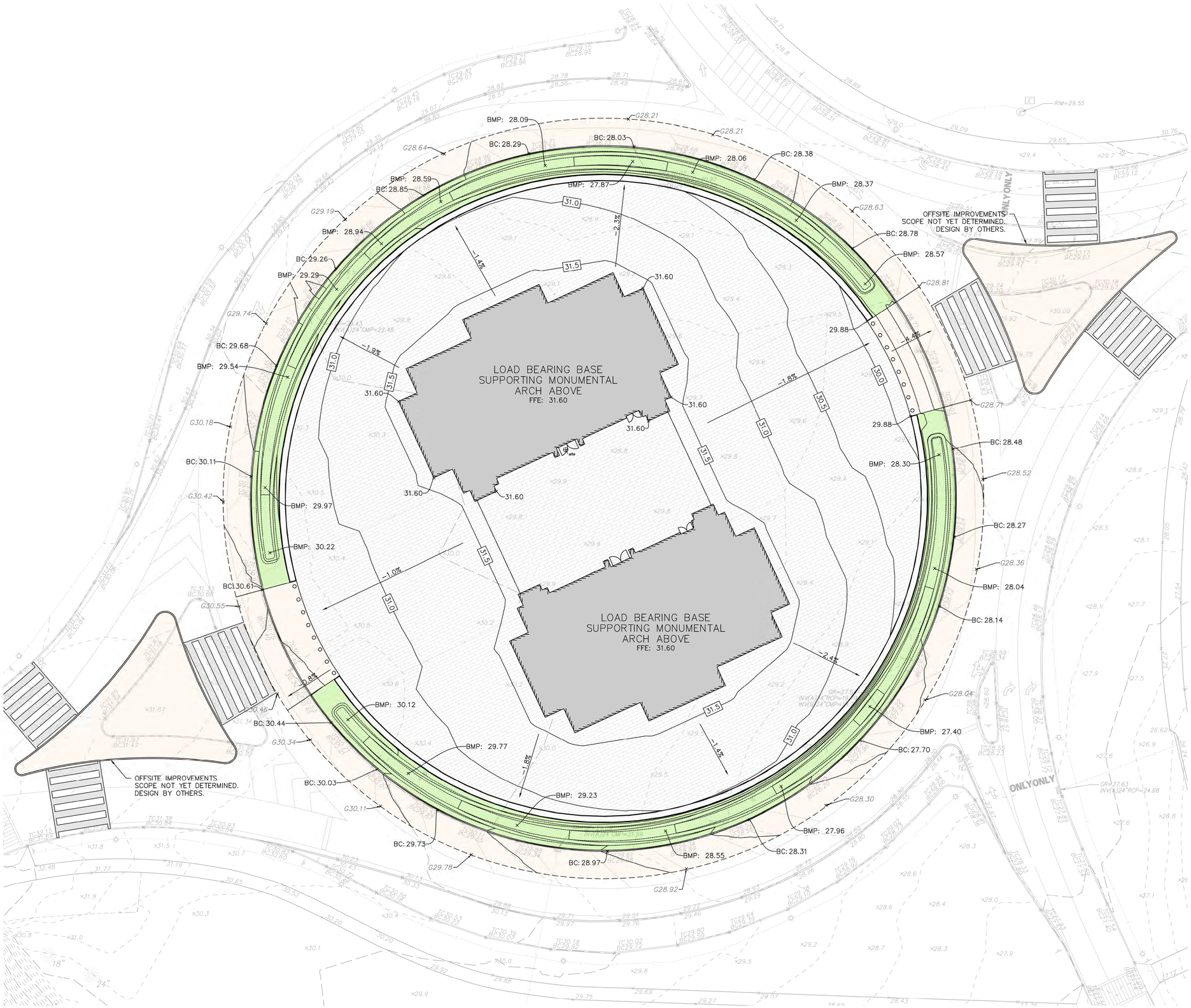

GRADING PLAN NOTES:

1. 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.
2. GRADE ALL AREAS OTHER THAN PAVED GRADED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS TO FINISH GRADE ELEVATIONS OR CONTOURS AS INDICATED ON DRAWINGS. FINISHED SUBGRADE SURFACE SHALL BE UNIFORM AND SMOOTH, FREE FROM ROCK, DEBRIS, OR IRREGULAR SURFACE CHANGES. FINISHED SUBGRADE SHALL NOT BE MORE THAN 0.01 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATION, AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.
3. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC LOADING AND BE INSTALLED ACCORDINGLY.
4. SITE GRADING SHALL NOT PROCEED UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
5. CONTRACTOR SHALL REVIEW ALL DRAINAGE CONNECTIONS TO MANHOLES AND CATCH BASINS AND INCREASE THE INLET BOX SIZES AS NECESSARY TO ACCOMMODATE THE PROPOSED INLET AND OUTLET PIPES.
6. ALL GRADING IS TO PROMOTE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
7. ALL PAVING THICKNESSES SHOWN ARE THE COMPACTED THICKNESS.
8. CURB ELEVATIONS INDICATED "BC" ARE BOTTOM OF CURB ELEVATIONS. CURB ELEVATIONS INDICATED AS "TC" ARE TOP OF CURB ELEVATIONS.

SCALE: 1 INCH = 20 FEET

Date	Description	No.
Revisions		

Signature Date

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Project

CONFIDENTIAL PROJECT

GEORGE WASHINGTON MEMORIAL PARKWAY
PAR03170001
WASHINGTON DISTRICT OF COLUMBIA

Drawing Title

GRADING PLAN

Project No. 270228201	Drawing No. CG101
Date 05/22/2026	
Drawn By AMF	
Checked By RCL	

LANGAN
Project No. 001234501

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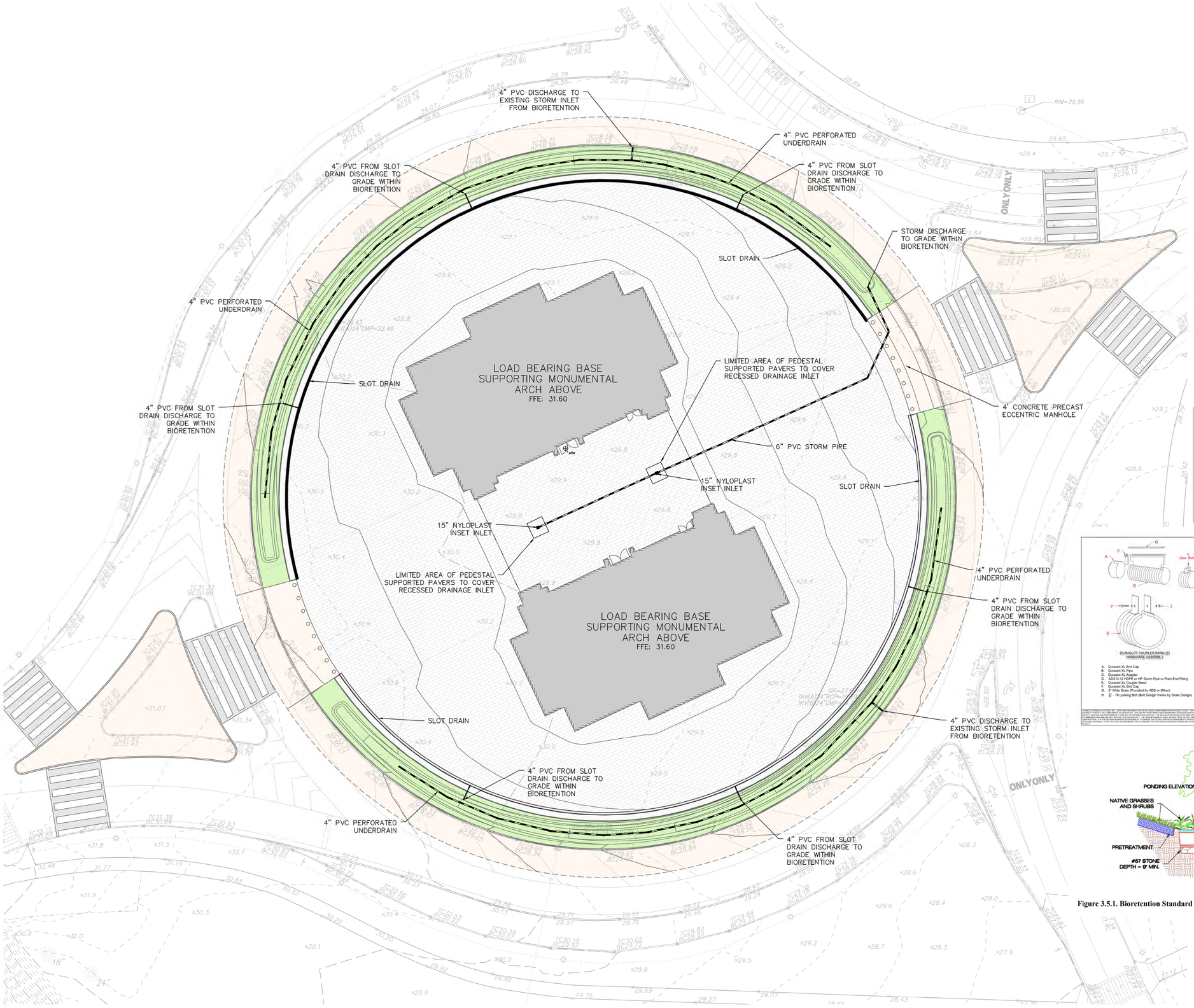


DRAINAGE PLAN NOTES:

1. 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.
2. GRADE ALL AREAS OTHER THAN PAVED GRADED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS TO FINISH GRADE ELEVATIONS OR CONTOURS AS INDICATED ON DRAWINGS. FINISHED SUBGRADE SURFACE SHALL BE UNIFORM AND SMOOTH, FREE FROM ROCK, DEBRIS, OR IRREGULAR SURFACE CHANGES. FINISHED SUBGRADE SHALL NOT BE MORE THAN 0.01 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATION, AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.
3. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC LOADING AND BE INSTALLED ACCORDINGLY.
4. SITE GRADING SHALL NOT PROCEED UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
5. CONTRACTOR SHALL REVIEW ALL DRAINAGE CONNECTIONS TO MANHOLES AND CATCH BASINS AND INCREASE THE INLET BOX SIZES AS NECESSARY TO ACCOMMODATE THE PROPOSED INLET AND OUTLET PIPES.
6. ALL GRADING IS TO PROMOTE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
7. CURB ELEVATIONS INDICATED "BC" ARE BOTTOM OF CURB ELEVATIONS. CURB ELEVATIONS INDICATED AS "TC" ARE TOP OF CURB ELEVATIONS.

STORMWATER CONVEYANCE NARRATIVE

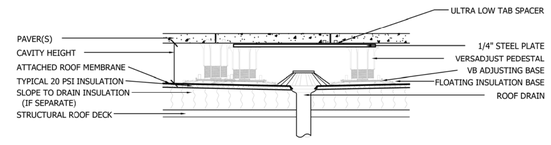
THE PROPOSED STORMWATER CONVEYANCE SYSTEM CONSISTS OF A SERIES OF INLETS AND SLOT DRAINS THAT WILL CAPTURE AND CONVEY STORMWATER RUNOFF FROM THE MONUMENT PLAZA TO SURROUNDING STORMWATER MANAGEMENT INFRASTRUCTURE (IE. BIORETENTION). OVERFLOW DRAINS FROM THE BIO–RETENTION AREA WILL CONNECT TO EXISTING STORM DRAINS LOCATED WITHIN MEMORIAL CIRCLE, BEFORE ULTIMATELY DISCHARGING TO THE POTOMAC RIVER AND BOUNDARY CHANNEL.

STORMWATER MANAGEMENT NARRATIVE

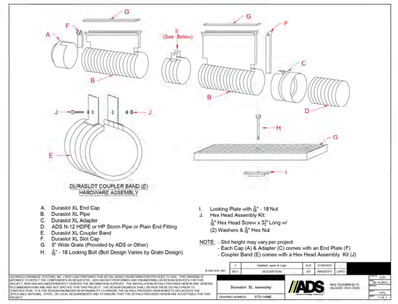
BASED ON DC WATER REGULATIONS AND THE ANTICIPATED LIMITS OF DISTURBANCE (76,000 SQUARE FEET), THE PROJECT IS CONSIDERED A MAJOR LAND DISTURBANCE ACTIVITY. AS SUCH, THE STORMWATER MANAGEMENT RETENTION VOLUME IS DEVELOPED BASED ON A 1.2 INCH STORM, PER DOEE REGULATIONS.

BASED ON A PRELIMINARY CALCULATION FROM THE SURFACE AND GROUNDWATER SYSTEM, THE ANTICIPATED SWRv IS 6,301 CUBIC FEET.

THE PROJECT WILL BE REQUIRED TO RETAIN OR TREAT AT LEAST 50% OF THE SWRv.



A1 **DRAIN PEDESTAL PLACEMENT SECTION DETAIL**



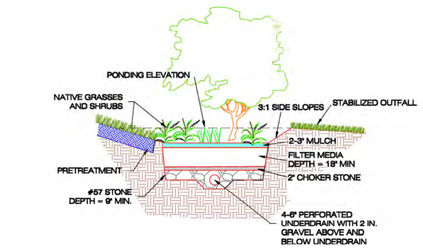


Figure 3.5.1. Bioretention Standard Design.

20 0 5 10 20
SCALE: 1 INCH = 20 FEET

Date	Description	No.
Revisions		

Signature Date

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Project
CONFIDENTIAL PROJECT
GEORGE WASHINGTON MEMORIAL PARKWAY
PAR03170001
WASHINGTON DISTRICT OF COLUMBIA

Drawing Title
DRAINAGE PLAN

Project No.	Drawing No.
270228201	CG102
Date: 05/22/2026	
Drawn By: AMF	
Checked By: RCL	

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Project No. 001234501

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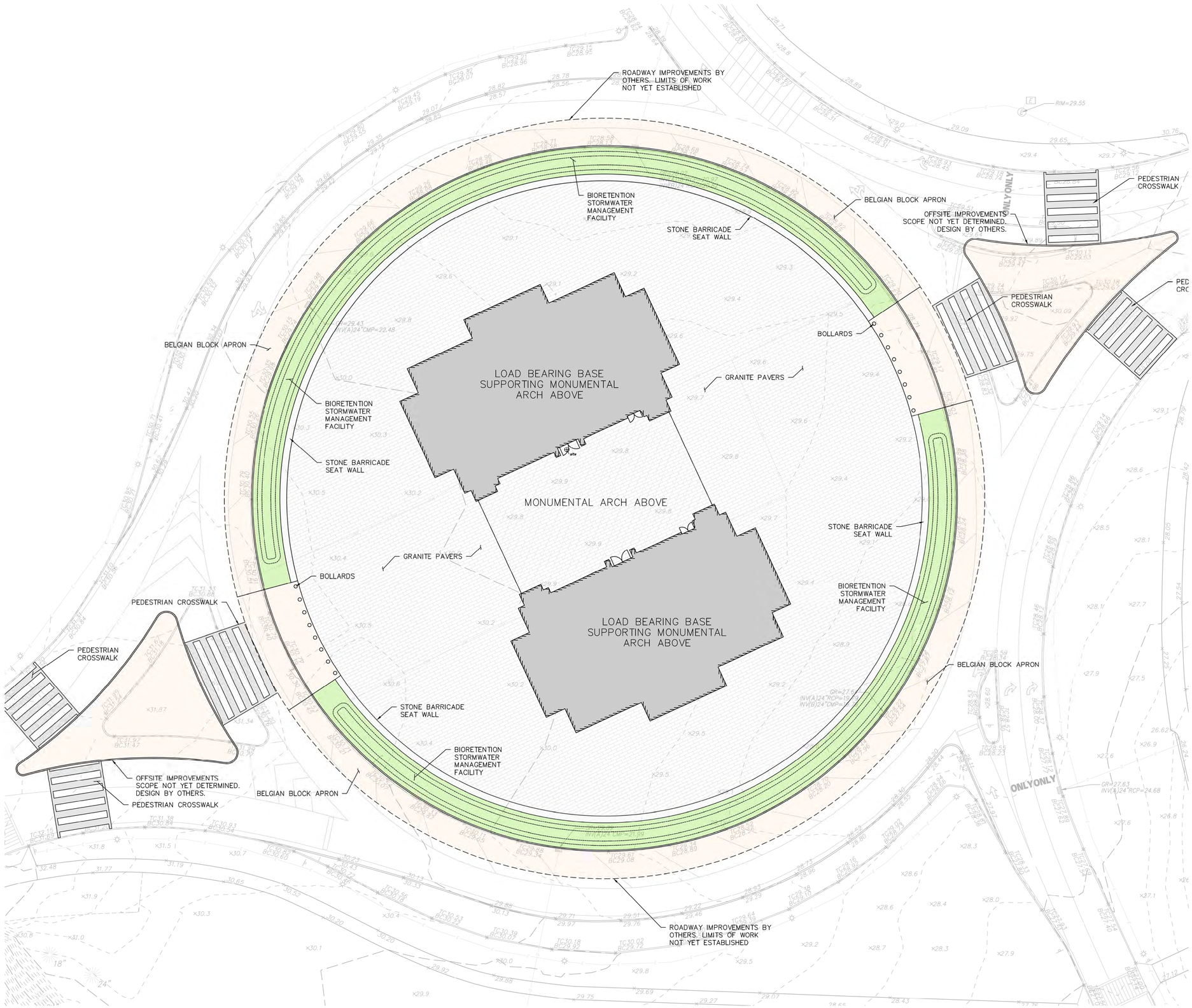

SITE PLAN NOTES:

1. ALL ELEVATIONS ARE SHOWN IN DATUM NAVD 88.
2. CONSTRUCTION INFORMATION AND REQUIREMENTS ARE LOCATED IN NUMEROUS PROJECT DOCUMENTS SUCH AS DRAWINGS, SPECIFICATIONS, DETAILS, NOTES, ORDINANCES, CODES, PERMITS, STANDARDS, GUIDELINES AND MANUFACTURER DOCUMENTS. THE MOST STRINGENT CRITERIA SHALL APPLY.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES, UNDERSTANDING AND IMPLEMENTING THE REFERENCED PROJECT STANDARDS (I.E. ASTM, AWWA, AASHTO, ETC.), PROJECT PERMIT REQUIREMENTS, REGULATORY CODES AND REGULATIONS, AND MANUFACTURER GUIDELINES AND REQUIREMENTS.
4. UNDERGROUND UTILITIES AND INFRASTRUCTURE ARE LOCATED THROUGHOUT THE SITE AND MAY BE PRESENT IN AREAS OF PROPOSED WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND LOCATING UNDERGROUND UTILITIES AND INFRASTRUCTURE PRIOR TO WORK. IF CONFLICTS WITH PROPOSED WORK ARE OBSERVED, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY FOR REVIEW. CONTRACTOR SHALL USE EXTREME CARE WHEN WORKING ADJACENT TO EXISTING UNDERGROUND UTILITIES AND INFRASTRUCTURE.
5. THE ROADWAY IMPROVEMENTS SURROUNDING MEMORIAL CIRCLE AND THE PROPOSED MONUMENT ARE CURRENTLY BEING DEVELOPED BY NPS. THE LIMITS OF ROADWORK SHOWN HEREIN ARE PROVIDED FOR REFERENCE ONLY AND WILL BE COORDINATED WITH NPS DURING THE DESIGN DEVELOPMENT PHASE OF THE PROJECT.

LEGEND:

LOAD BEARING BASE SUPPORTING MONUMENTAL ARCH ABOVE	
ARCH OVERHEAD	
GRANITE PAVERS	
LANDSCAPE	

SCALE: 1 INCH = 20 FEET

Date	Description	No.
Revisions		

Signature Date

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Project

CONFIDENTIAL PROJECT

GEORGE WASHINGTON MEMORIAL PARKWAY
PAR03170001
WASHINGTON DISTRICT OF COLUMBIA

Drawing Title

SITE PLAN

Project No. 270228201	Drawing No. CS101
Date 05/22/2026	
Drawn By AMF	
Checked By RCL	

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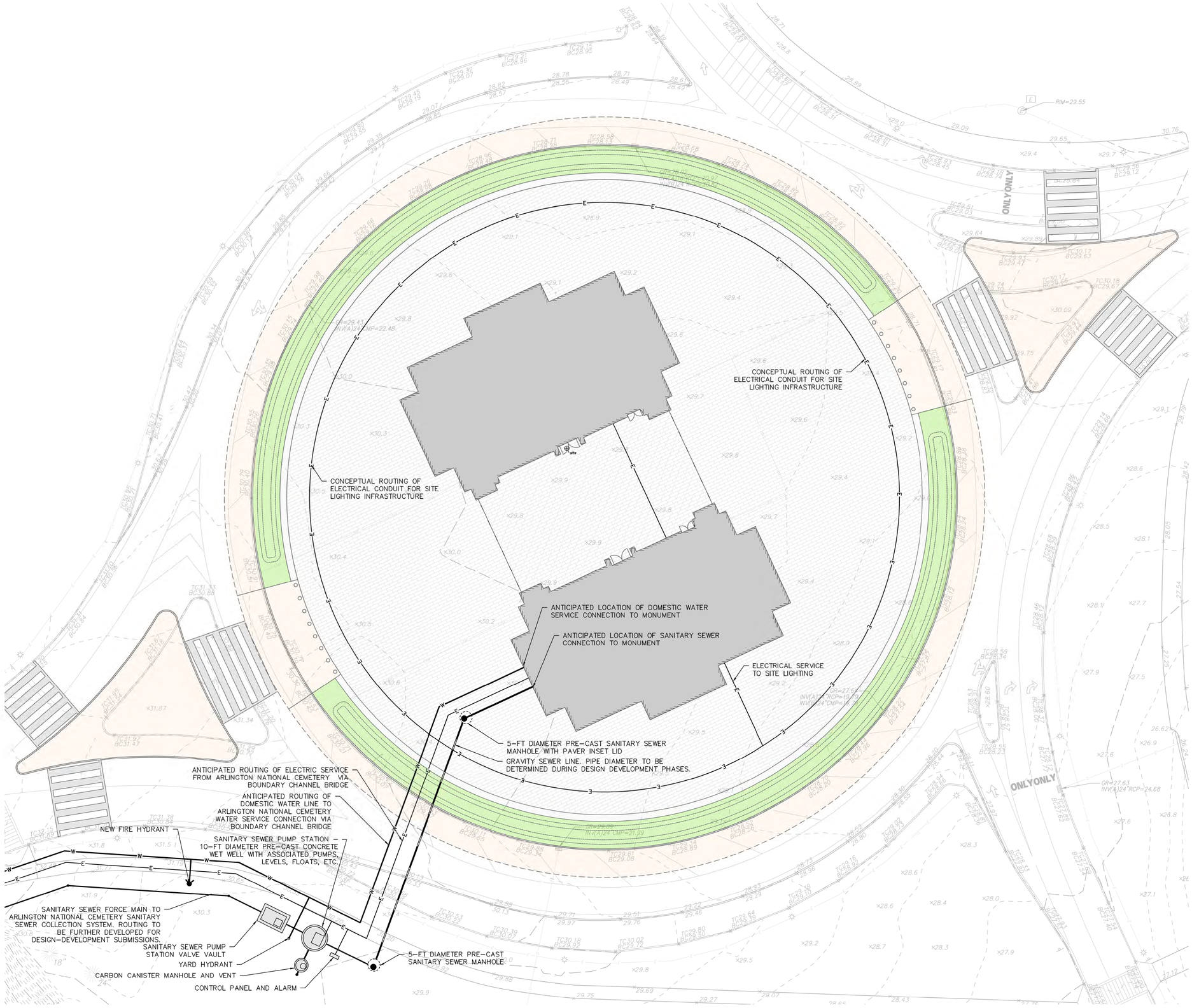
LANGAN Project No. 001234501



UTILITY PLAN NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO THE STRUCTURE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, UTILITY LOCATIONS, AND INVERTS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN BY THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL SANITARY SEWER AND WATER LINE WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (DC WATER, ARLINGTON NATIONAL CEMETERY, NATIONAL PARK SERVICE, AND/OR ARLINGTON COUNTY.
4. ALL PLANS SHALL BE SUBMITTED TO ALL AHJs FOR REVIEW AND APPROVAL AS PART OF THE DESIGN DEVELOPMENT AND PERMITTING PROCESS.
5. CONTRACTOR SHALL PERFORM TEST PITS AT THE LOCATIONS OF ALL PROPOSED UTILITY CROSSINGS.
6. ALL UTILITY INFRASTRUCTURE THAT IS INSTALLED ABOVE GRADE (IE. SUSPENDED FROM BRIDGES) SHALL BE INSTALLED WITH INSULATION AND/OR HEAT TRACE TAPE TO ASSURE YEAR ROUND SYSTEM FUNCTIONALITY.
7. DOMESTIC WATER DEMANDS AND SANITARY SEWER LOADS HAVE NOT YET BEEN DEVELOPED BY THE MEP ENGINEER AND THE PROPOSED INFRASTRUCTURE HAS NOT YET BEEN SIZED.

SCALE: 1 INCH = 20 FEET

Date	Description	No.
Revisions		

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Project

CONFIDENTIAL PROJECT

GEORGE WASHINGTON MEMORIAL PARKWAY
PAR03170001
WASHINGTON DISTRICT OF COLUMBIA

Drawing Title

UTILITY PLAN

Project No. 270228201	Drawing No. CU101
Date 05/22/2026	
Drawn By AMF	
Checked By RCL	

LANGAN
Project No. 001234501

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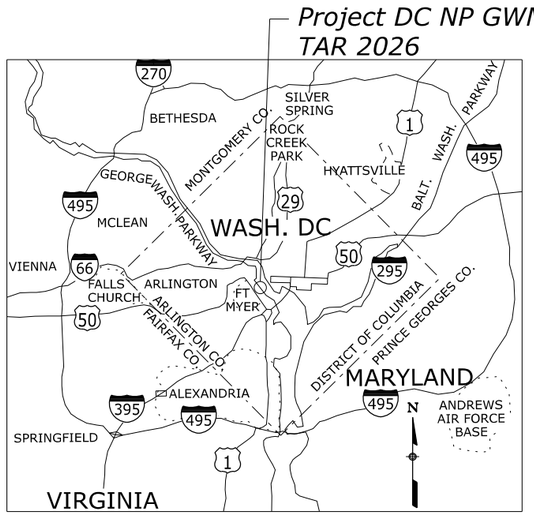
NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	A01



KEYMAP
WASHINGTON DC
AND METROPOLITAN AREA

U. S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GEORGE WASHINGTON MEMORIAL PARKWAY
NATIONAL PARK

PLANS FOR PROPOSED PROJECT

DC NP GWMP ARCH TAR 2026

SIGNAL INSTALLATION AROUND THE MEMORIAL CIRCLE
TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION OF THE ARCH

WASHINGTON,
DISTRICT OF COLUMBIA

DESCRIPTION OF PROJECT

IMPROVEMENT: Work includes the signalization of memorial circle, construction of new sidewalk, pavement markings and signage, maintenance of traffic for the construction of the arch, and other miscellaneous work.

PROJECT LENGTH: 0.03 Miles

LANE MILES: 0.03 Miles

ROAD:	WIDTH	SURFACE	BASE	SUBGRADE
Memorial Circle	30'	4" ACP	6"	N/A

BRIDGE: N/A

DESIGN DESIGNATION:

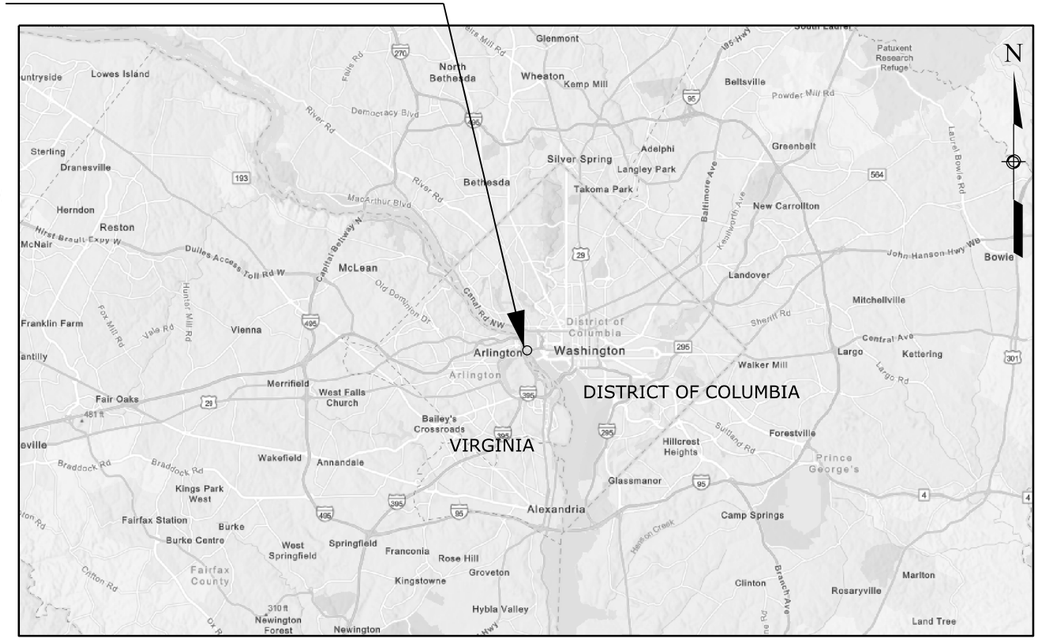
GWMP ADT (2026)	16716
GWMP ADT (2046)	22514
DHV	3
D	50/50
%Truck	0.10%
V (MPH)	30
C/A	None
e(max)	N/A

SPECIFICATIONS:

"Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects", FP-24.

Project Manager	Highway Design Manager	Lead Designer
XXXXX XXXXXX	Chris Burnell	Team Forge

DC NP GWMP ARCH TAR 2026



INDEX TO SHEETS

SHEET NO	DESCRIPTION
A01	Title Sheet
A02-A03	Symbols And Abbreviations
A04	Location Map
B01-B03	Typical Section
C01	Tabulation of Quantities
D01-D05	Plans
H01-H04	Traffic Signal Plan
M01	Erosion and Sediment Control Narrative
M02-M06	Erosion and Sediment Plans
N01	Temporary Traffic Control Narrative
N02-N09	Temporary Traffic Control for Signal and Sidewalk Improvement
N10-N12	Temporary Traffic Control for the Construction of the Arch
P01-P03	Pavement Marking and Signing Plan
S01-S22	Standards And Details

Know what's **below.**
Call before you dig.

30% PLANS

PLANS PREPARED BY
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
ASHBURN, VIRGINIA
MAY, 2026

M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\A01-Memorial Circle_ttl.dgn [Title Sheet NPS]
21 May 2026 6:11 PM

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	A02

Δ	total central angle
Δc	curve central angle
Ø	diameter
θs	spiral central angle
abut.	abutment
ACP	asphalt concrete pavement
ADT	average daily traffic
Agg	aggregate
AH	ahead
AMD	amendment
appr.	approach
ASC	aggregate surface course
Asph	asphalt
BK	back
BL	baseline
bldg.	building
BM	bench mark
BP	balance point
br.	bridge
brg.	bearing
BW	broken white
cc or c. to c.	center to center
CL	centerline
CMP	corrugated metal pipe
col.	column
conc.	concrete
conn.	connection
constr. jt.	construction joint
cont.	continuous
CS	curve to spiral
ctrs.	centers
D	directional distribution factor
DHV	design hourly volume
dia.	diameter
diag.	diagonal
diaph.	diaphragm
dist.	distance
drwg(s).	drawing(s)
DSY	double solid yellow
DW or DTW	dotted white
DY or DTY	dotted yellow
E	east
e	superelevation rate
elec.	electric
elev.	elevation
emb.	embankment
EOP	edge of pavement
EOS	edge of shoulder
EOT	edge of travel way
EQ or eq.	equation
ER	edge of road
ESAL	equivalent single axle load
EW	edge of water
ex. or exist.	existing
exc.	excavation
exp. jt.	expansion joint
fin.	finish
flg.	flange
ftg.	footing
ga.	gage (gauge)
GAB	graded aggregate base
galv.	galvanized
gnd or grnd	ground
hdwl.	headwall
hex.	hexagon
HLSD	headlight sight distance
HW	high water
ID	inside diameter
INF	infinite
inv.	invert
jt.	joint
K	K-Value
L	length of curve
lam.	lamination
lat.	latitude
LOD	Limits of Disturbance
long.	longitudinal
LPSM	lump sum
Ls	length of spiral
lt. or LT	left
LW	low water
ML	main line
MOD	modification
MP	mile post
max.	maximum
min.	minimum
mon.	monument
N	north
NC	normal crown
NMSA	nominal maximum size aggregate
No.	number
o. c.	on center
ohwm	ordinary high water mark
o. to o.	out to out
OD	outside diameter
OG	original ground
PC	point of curve
PCC	point of compound curve
PCS	point of curve to spiral
PGL	profile grade line
PI	point of intersection
pl.	plate
POB	point of beginning
POC	point on curve
POE	point of ending
POS	point on spiral
POT	point on tangent
prop.	proposed
PS	point of tangent to spiral
PSC	point of spiral to curve
PST	point of spiral to tangent
PT	point of tangent
pvmt.	pavement
R	radius
R.	range
R/W	right-of-way
rdwy.	roadway
RECP	rolled erosion control product
reinf.	reinforcement
reqd.	required
rt. or RT	right
rte.	route
S	south
SADT	seasonal average daily traffic
SC	point of spiral to curve
sec.	section
shldr.	shoulder
spa.	spacing, spaces or spaced
sqft	square foot
sqyd	square yard
SRS	point of spiral to reverse spiral
SS	point of spiral to spiral (no curve)
SSD	stopping sight distance
ST	point of spiral to tangent
Sta.	station
std.	standard
stgr.	stringer
stiff.	stiffener
struc.	structural
STS	point of spiral to tangent spiral
SW or SDW	solid white
sym.	symmetrical
S/W	sidewalk
T	tangent distance
T.	township
TBM	temporary bench mark
thd.	thread
traf.	traffic
TS	point of tangent to spiral
Ts	tangent distance (spiraled curve)
typ.	typical
V	design speed
VC	vertical curve
var.	varies
vph	vehicles per hour
VPI	vertical point of intersection
W	west

Control Point (Terrestrial and GPS); Jump Hub

National Boundary

State Boundary

County Boundary

City Boundary

Township or Range Line

Section Line

Section Corner (Found, Projected)

¼ Section Line

¼ Section Corner (Found, Projected)

1/16 Section Line

1/16 Section Corner (Found, Projected)

Property Line w/Found Property Corner

Parcel Number

National Park Boundary

National Forest Boundary

National Wildlife Refuge Boundary

BLM Lands Boundary

Indian Reservation Boundary

Existing Roadway (Road, Paved, Gravel)

Railroad

Trail

Intermittent Drainage or Small Creek

Large Creek or River

Lake, Pond or Reservoir

Spring or Seep

Treeline; Individual Trees

Material Source; Bore Hole; Test Pit

Spot Elevation; Coordinate Grid Tick

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

GEORGE WASHINGTON MEMORIAL PARKWAY

SYMBOLS AND ABBREVIATIONS

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21 May 2026 6:11 PM

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	A03

North Arrow

		EXISTING	PROPOSED
Slope Stake Limits	Top of Cut		
	Toe of Fill		
	Transition		
Fence			
Gate with Fence			
Cattleguard			
Guardrail			
Concrete Barrier			
Retaining Wall			
Signs (single, double post; portable)			
Delineators			
Pipe Culvert (arrow shows flow)			
Pipe Culvert with End Section			
Pipe Culvert with Headwall			
Pipe Culvert with Drop Inlet			DI
Box Culvert			
Underdrain		UD	UD
Overhead/Above Ground Utilities		P P	P P
Underground Utilities		W W	W W

FM = force main, FO = fiber optic, G = gas, IRR = irrigation, O = oil,
P = power, SA = sanitary sewer, SD = storm drain, SS = storm sewer,
STEAM = steam, T = telephone, TV = CATV, W = water

Poles (Power, Telephone, Joint Use, Light, Support w/Anchor)

Miscellaneous Utility Features

EM = electric meter, T = telephone pedestal, TV = CATV pedestal,
UP = transformer or junction box, WF = water fountain

Building

Right-of-Way Line with Monument — r/w — R/W

Permanent Easement — P/E — P/E

Construction Easement — TCE

Riprap

AREA PATTERN

Pavement Removal / Roadway Obliteration

Sidewalk Asphalt/Concrete

Mill and Overlay

Overlay

Silt Fence — SF

Diversion Berm — DB

Drainage Divide

Check Dam

Limits of Disturbance — LOD LOD LOD

Fiber Roll or Wattle

PROJECT SPECIFIC SYMBOLS AND ABBREVIATIONS:

Proposed Traffic Signal Pole

Proposed Pedestrian Pedestal

DW	Dotted white
SSW	Single solid white
SSY	Single solid yellow
RPM	Raised Pavement Markers

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21 May 2026 6:11 PM

NO.	DATE	BY	REVISIONS

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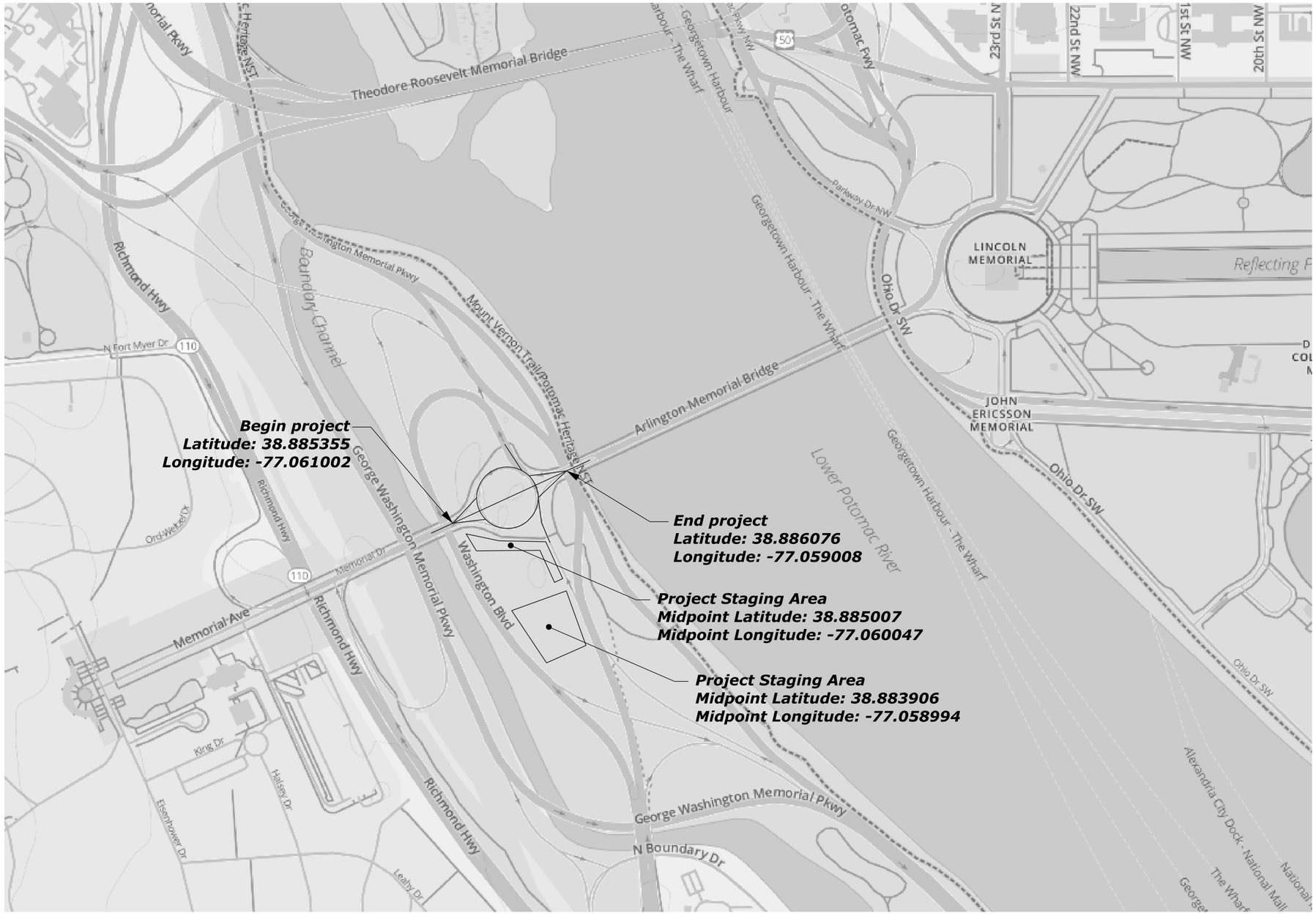
GEORGE WASHINGTON MEMORIAL PARKWAY

SYMBOLS AND ABBREVIATIONS

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	A04



Note:
Final staging area limits as directed.

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NO SCALE

GEORGE WASHINGTON MEMORIAL PARKWAY

LOCATION MAP

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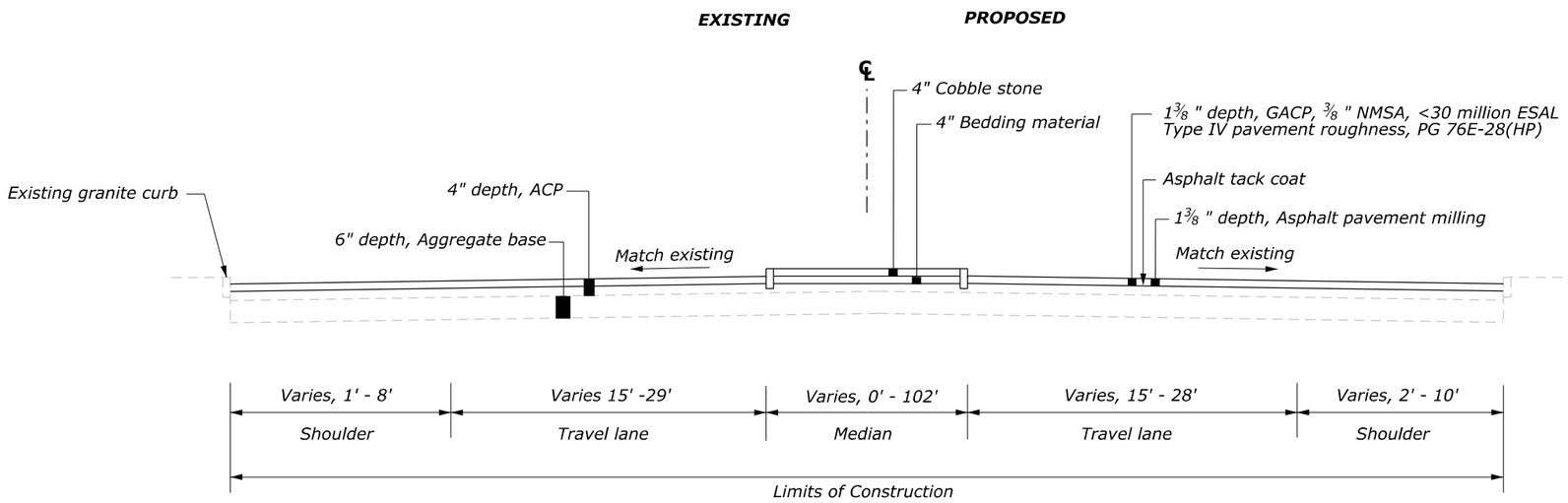
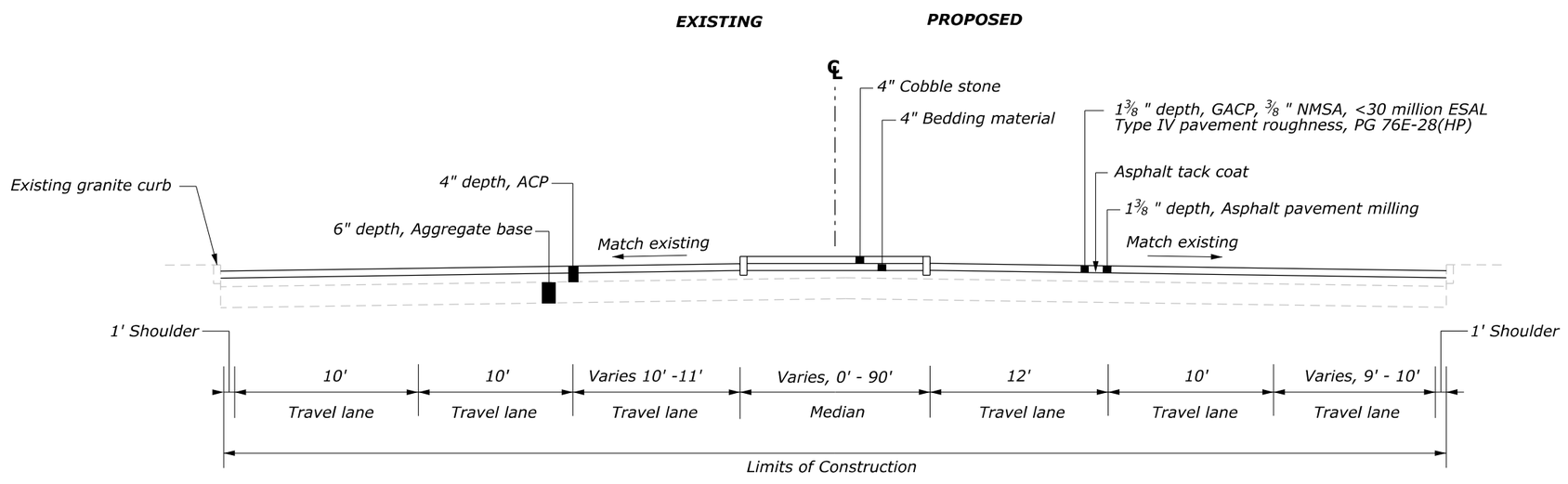
21 May 2026 7:04 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	B01



MEMORIAL AVENUE BRIDGE TO MEMORIAL CIRCLE



MEMORIAL CIRCLE TO ARLINGTON MEMORIAL BRIDGE

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
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GEORGE WASHINGTON MEMORIAL PARKWAY

TYPICAL SECTIONS

MEMORIAL CIRCLE, ARLINGTON MEMORIAL BRIDGE
SCHEDULE A

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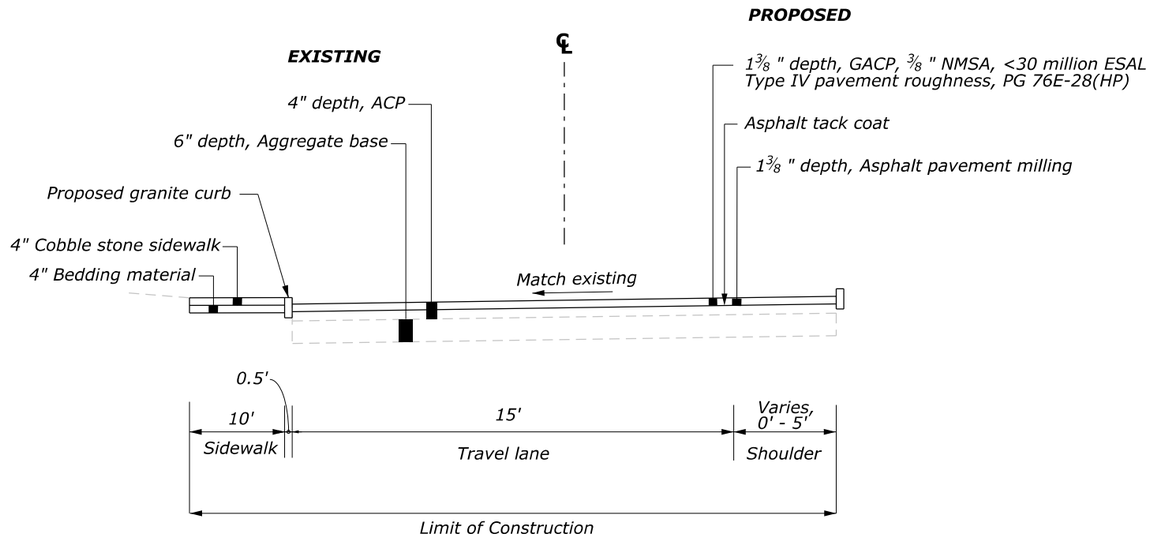
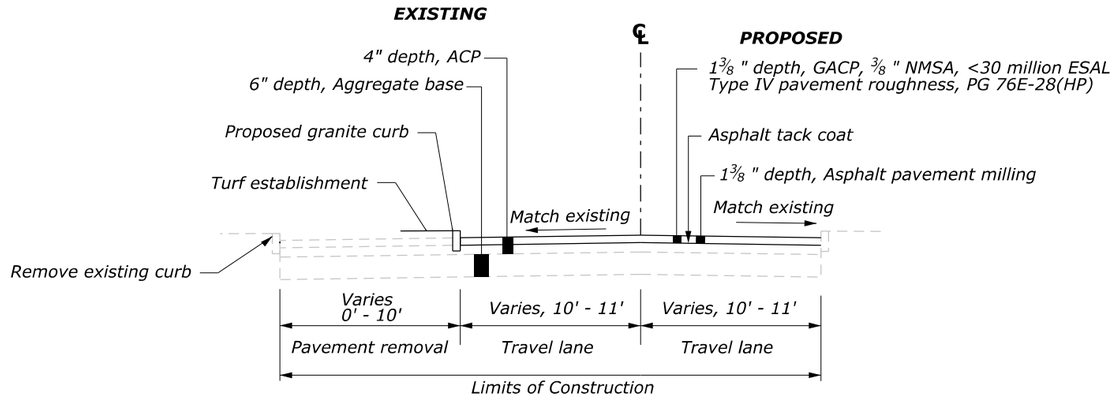
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	B02



MEMORIAL CIRCLE



WASHINGTON BLVD

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
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GEORGE WASHINGTON MEMORIAL PARKWAY

TYPICAL SECTIONS

MEMORIAL CIRCLE, WASHINGTON BLVD
SCHEDULE A

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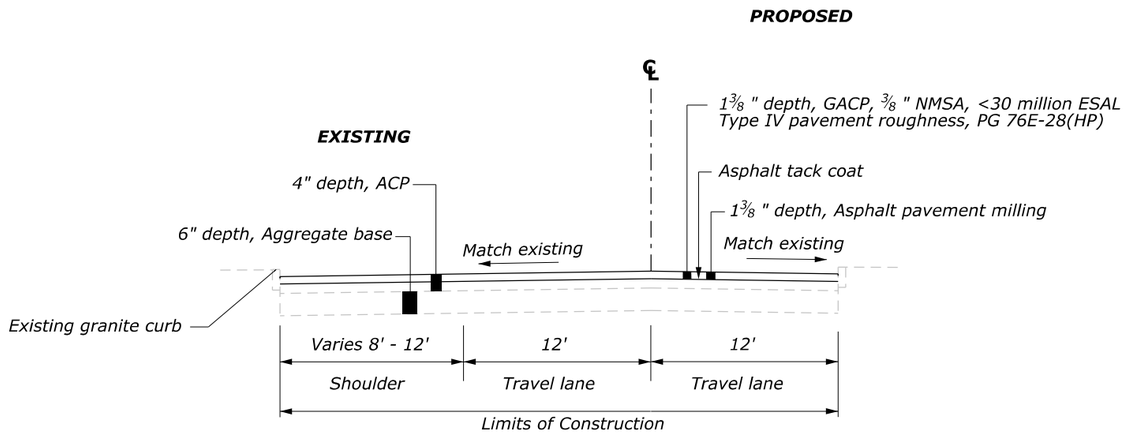
NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	B03



ARLINGTON BLVD

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GEORGE WASHINGTON MEMORIAL PARKWAY

TYPICAL SECTIONS

ARLINGTON BLVD

SCHEDULE A

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	C01

SCHEDULE A

Line Item No.	Pay Item No.	Pay Item Description	Unit	Estimated Quantities
				Bid Schedule
A0100	15101-0000	MOBILIZATION	LPSM	ALL
A0150	15201-0000	CONSTRUCTION SURVEY AND STAKING	LPSM	ALL
A0200	15401-0000	CONTRACTOR TESTING	LPSM	ALL
A0250	15701-0000	SOIL EROSION CONTROL	LPSM	ALL
A0300	15720-0000	STORMWATER POLLUTION PREVENTION PLAN	LPSM	ALL
A0350	20301-2400	REMOVAL OF SIGN	EACH	32
A0400	20302-0600	REMOVAL OF CURB, STONE	LNFT	2,600
A0450	20303-0500	REMOVAL OF GRANITE COBBLES	SQYD	1,700
A0500	20303-1600	REMOVAL OF PAVEMENT, ASPHALT	SQYD	1,400
A0550	20303-3200	REMOVAL OF SIDEWALK, CONCRETE	SQYD	2,100
A0600	20303-3300	REMOVAL OF SIDEWALK, STONE	SQYD	60
A0650	31302-0000	AGGREGATE-TOPSOIL COURSE	SQYD	1,200
A0700	40101-0200	ASPHALT CONCRETE PAVEMENT, GYRATORY MIX, 3/8-INCH NOMINAL MAXIMUM SIZE AGGREGATE, 0.3 TO <3 MILLION ESAL	TON	510
A0750	41201-0000	TACK COAT	TON	4
A0800	41301-0000	ASPHALT PAVEMENT MILLING	SQYD	6,800
A0850	60901-4000	CURB, STONE, TYPE 1, 16-INCH DEPTH	LNFT	3,000
A0900	61001-0500	SIDEWALK, EXPOSED AGGREGATE CONCRETE	SQYD	2,300
A0950	61004-4000	ACCESSIBILITY RAMP, STONE	SQYD	370
A1000	61006-2000	PAVING, COBBLESTONE	SQYD	1,950
A1050	61008-0100	RESET COBBLESTONE PAVERS	SQYD	1,150
A1100	62502-0000	TURF ESTABLISHMENT	SQYD	1,050
A1150	63304-0900	SIGNS, ALUMINUM PANELS, TYPE 3 SHEETING	SQFT	16
A1200	63316-1000	REMOVE AND RESET SIGN SYSTEM	EACH	2
A1250	63401-1500	PAVEMENT MARKINGS, TYPE H, SOLID	LNFT	19,900
A1300	63401-1650	PAVEMENT MARKINGS, TYPE H, DOTTED	LNFT	24
A1350	63405-2900	PAVEMENT MARKINGS, TYPE H, TURN ARROW	EACH	4
A1400	63405-2950	PAVEMENT MARKINGS, TYPE H, STRAIGHT ARROW	EACH	1
A1450	63405-3000	PAVEMENT MARKINGS, TYPE H, STRAIGHT/TURN ARROW COMBINATION	EACH	3
A1500	63405-3050	PAVEMENT MARKINGS, TYPE H, "ONLY" WORD MESSAGE	EACH	4
A1550	63406-0300	RAISED PAVEMENT MARKER, NON-PLOWABLE, MONO-DIRECTIONAL REFLECTIVE	EACH	12
A1600	63501-0000	TEMPORARY TRAFFIC CONTROL	LPSM	ALL
A1650	63602-1000	SYSTEM INSTALLATION, TRAFFIC SIGNAL	EACH	48
A1700	63701-0000	FIELD OFFICE	EACH	1

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GEORGE WASHINGTON MEMORIAL PARKWAY

TABULATION OF QUANTITIES
SCHEDULE A

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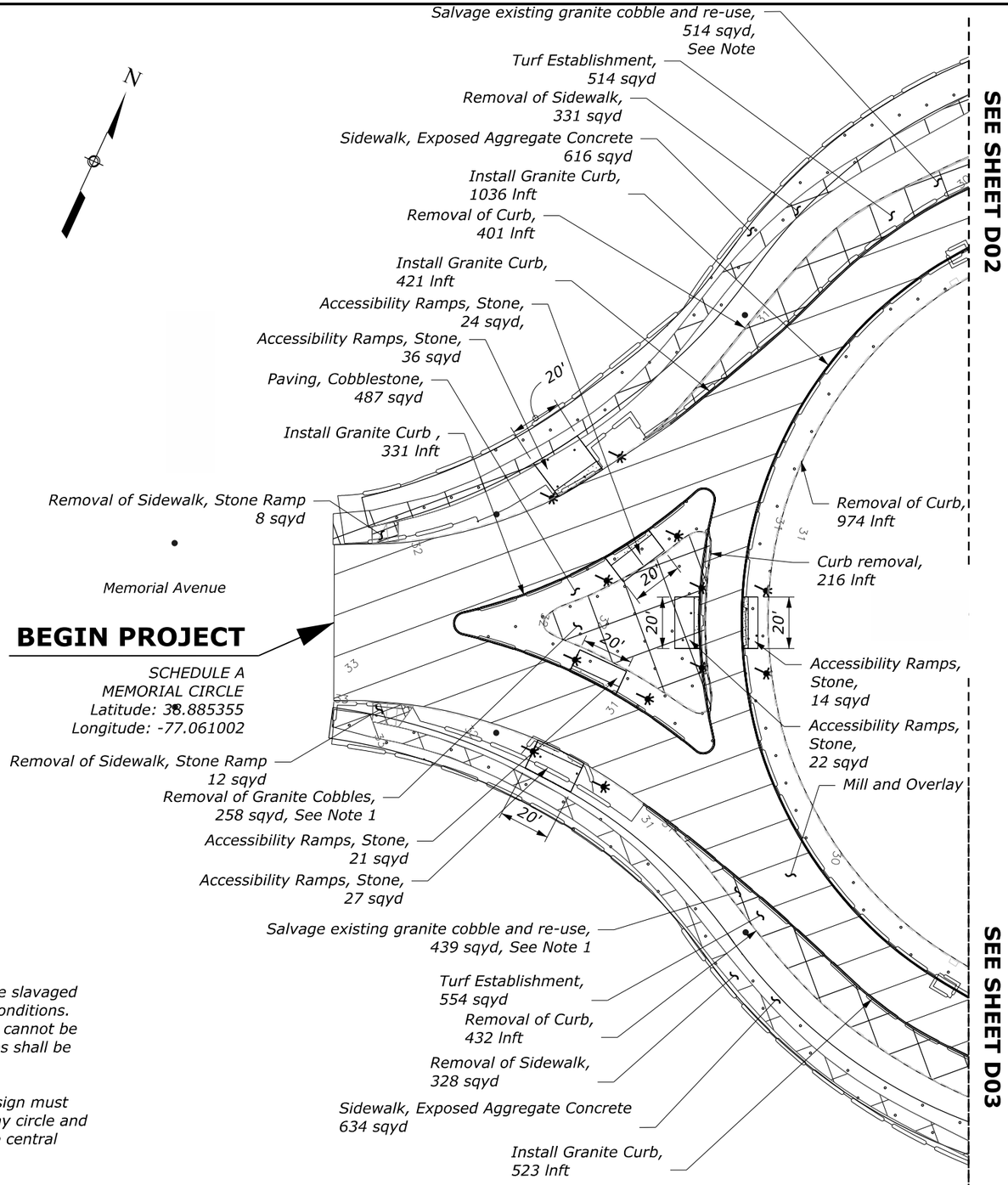
21 May 2026 7:31 PM

PROJECT	SHEET NUMBER
	D02



NOTES

1. *All existing granite cobbles are to be slavaged and re-used as shown in poposed conditions. If the cobbles are not salvagable or cannot be used in proposed conditions, cobbles shall be returned to the NPS.*

2. *Utility and drainage layouts and design must be coordinated between the roadway circle and any planned construction within the central island.*

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SCALE IN FEET

CONSTRUCTION PLAN

MEMORIAL CIRCLE

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21 May 2026 6:46 PM

PROJECT	SHEET NUMBER
	D02

NOTES

1. *All existing granite cobbles are to be slavaged and re-used as shown in poposed conditions. If the cobbles are not salvagable or cannot be used in proposed conditions, cobbles shall be returned to the NPS.*

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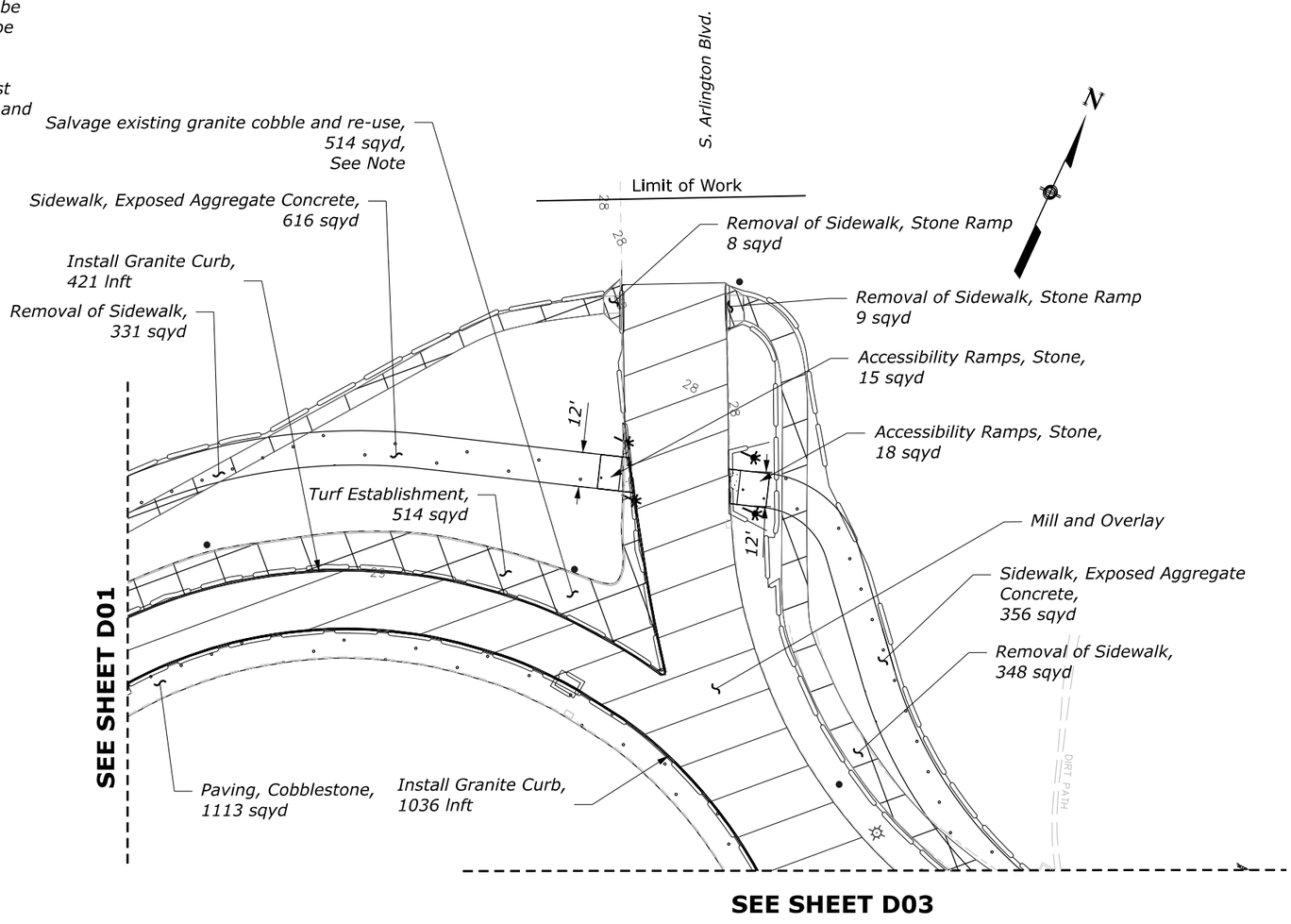

NO.	DATE	BY	REVISIONS

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OFFICE OF FEDERAL LANDS HIGHWAY

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SCALE IN FEET

CONSTRUCTION PLAN

MEMORIAL CIRCLE

S. ARLINGTON BLVD

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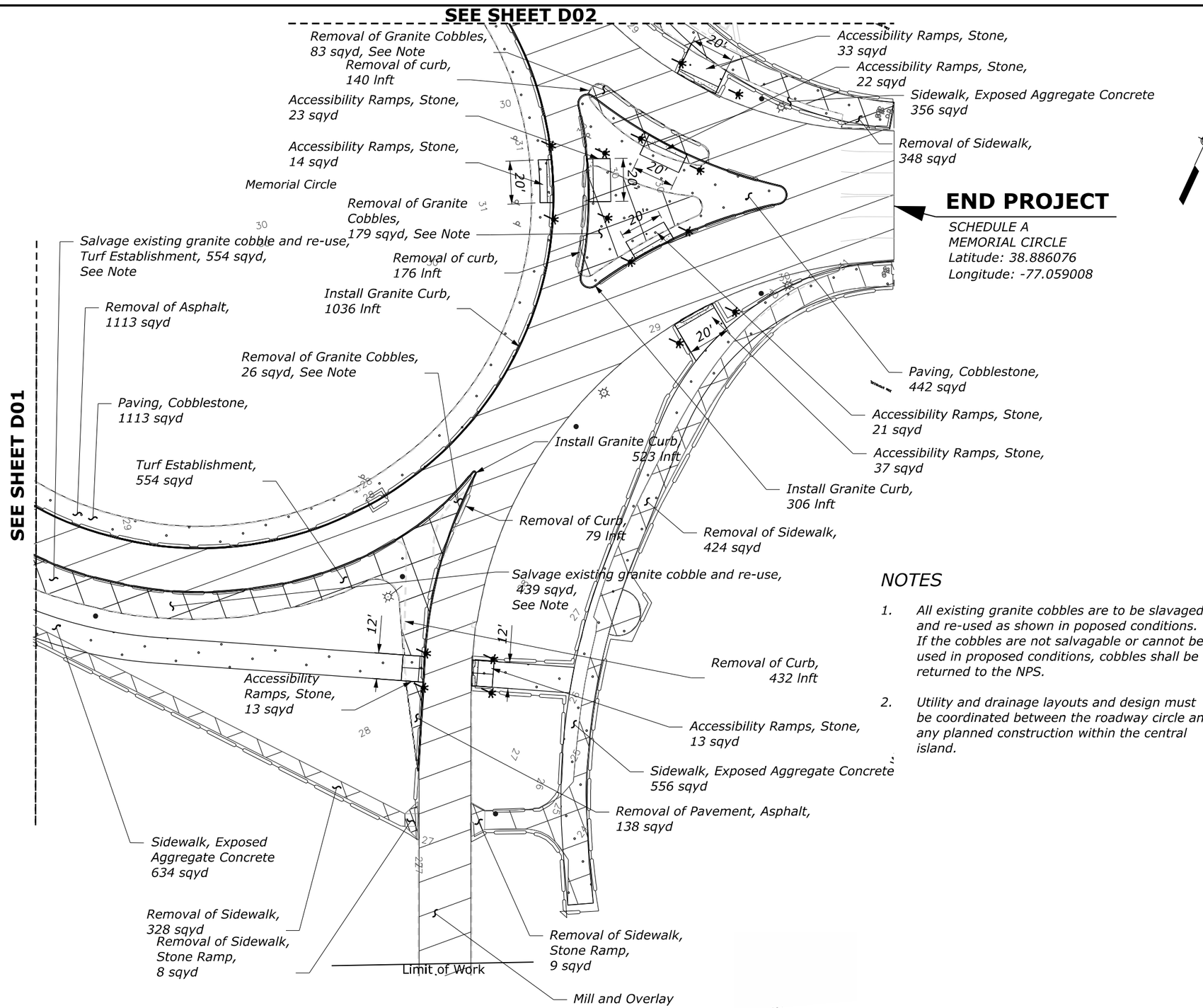
PROJECT	SHEET NUMBER
	D03



NOTES

1. All existing granite cobbles are to be slavaged and re-used as shown in poposed conditions. If the cobbles are not salvagable or cannot be used in proposed conditions, cobbles shall be returned to the NPS.
2. Utility and drainage layouts and design must be coordinated between the roadway circle and any planned construction within the central island.

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SCALE IN FEET

CONSTRUCTION PLAN

MEMORIAL CIRCLE
WASHINGTON BLVD

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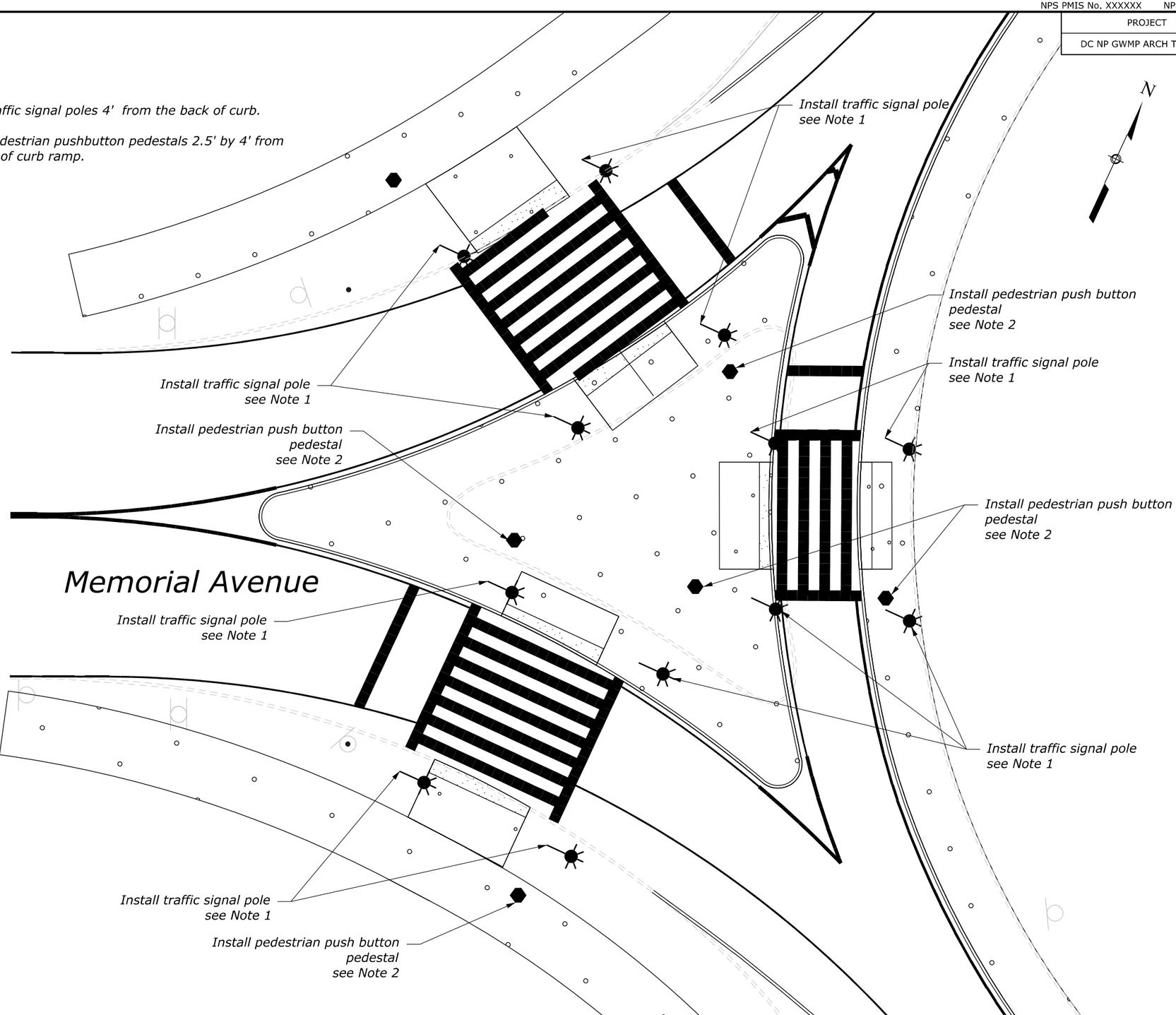
21 May 2026 6:46 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	H01

NOTES

1. *Install traffic signal poles 4' from the back of curb.*
2. *Install pedestrian pushbutton pedestals 2.5' by 4' from the edge of curb ramp.*



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SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TRAFFIC SIGNAL PLAN

MEMORIAL AVENUE
MEMORIAL CIRCLE

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21 May 2026 6:35 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	H02

NOTES

1. Install traffic signal poles 4' from the back of curb.
2. Install pedestrian pushbutton pedestals 2.5' by 4' from the edge of curb ramp.

Install traffic signal pole see Note 1

Install pedestrian push button pedestal see Note 2

Install traffic signal pole see Note 1

Install pedestrian push button pedestal see Note 2

Install pedestrian push button pedestal see Note 2

Install traffic signal pole see Note 1

Install traffic signal pole see Note 1

Install pedestrian push button pedestal see Note 2

Install pedestrian push button pedestal see Note 2

N

"DECIDUOUS TREE"

"DECIDUOUS TREE"

"DECIDUOUS TREE"

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ONE WAY

ONE WAY

Washington

Arlington Memorial Bridge

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SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TRAFFIC SIGNAL PLAN

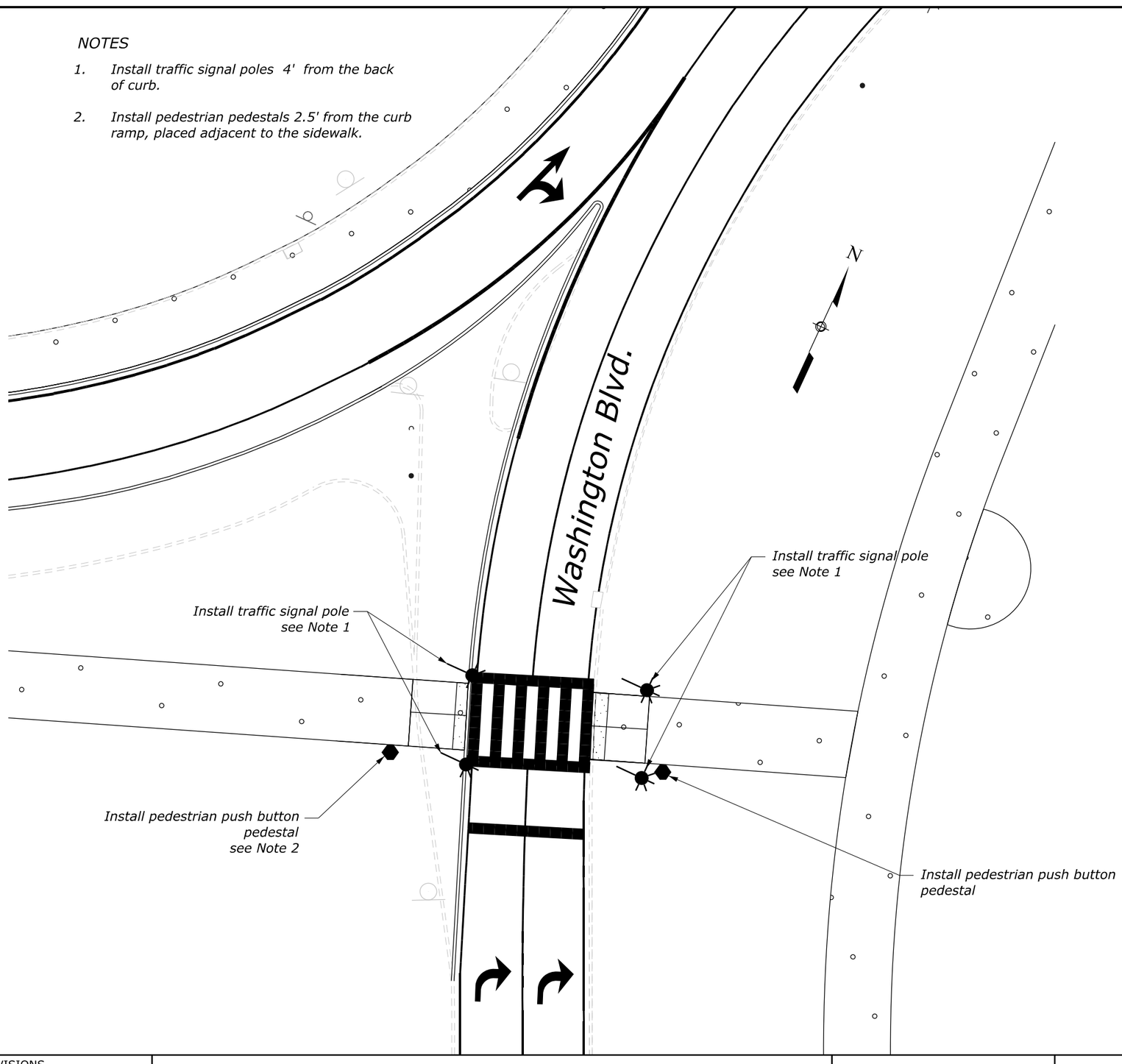
MEMORIAL CIRCLE
ARLINGTON MEMORIAL BRIDGE

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	H03

NOTES

1. *Install traffic signal poles 4' from the back of curb.*
2. *Install pedestrian pedestals 2.5' from the curb ramp, placed adjacent to the sidewalk.*



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SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TRAFFIC SIGNAL PLAN

WASHINGTON BLVD

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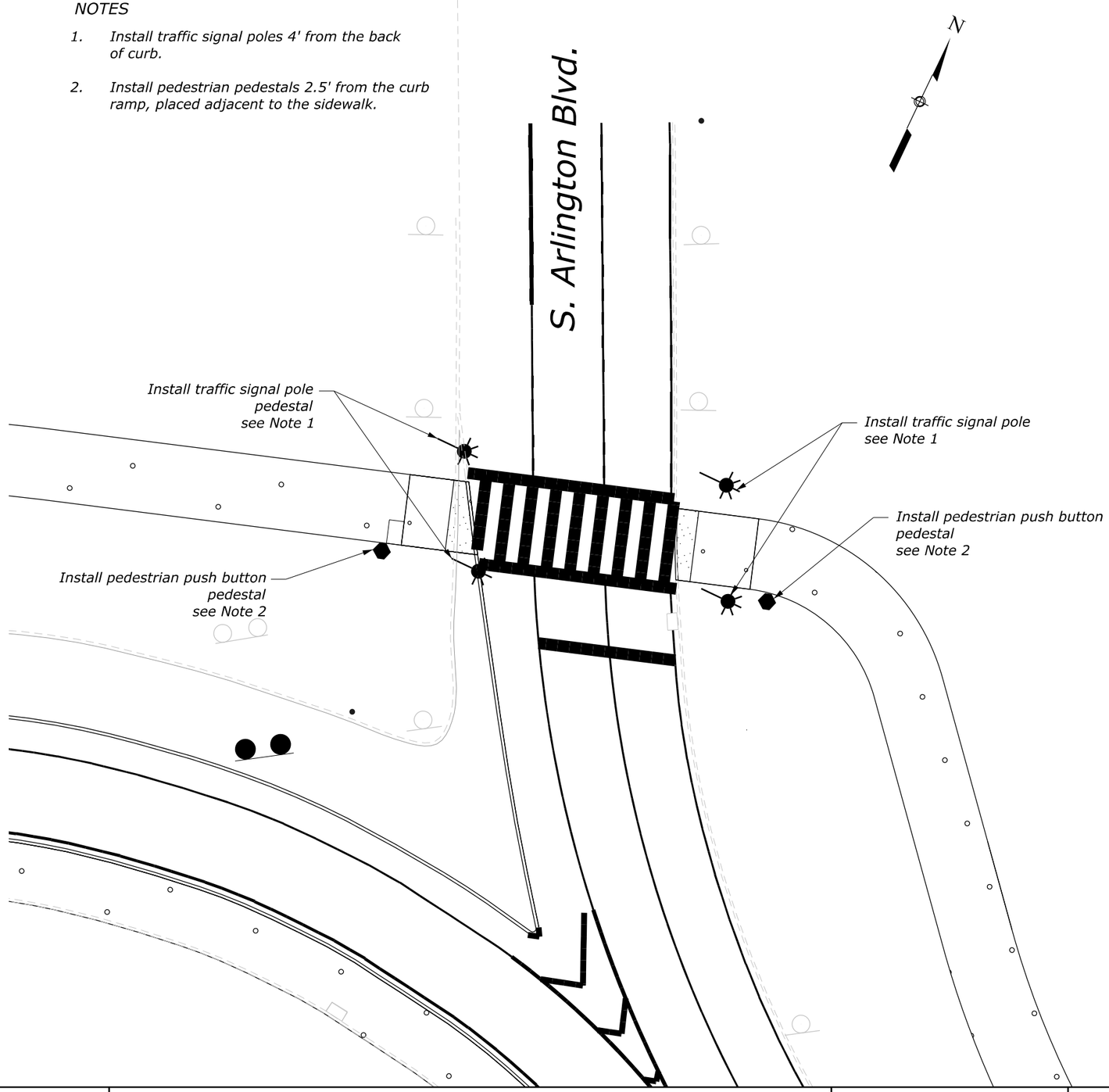
NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	H04

NOTES

1. *Install traffic signal poles 4' from the back of curb.*

2. *Install pedestrian pedestals 2.5' from the curb ramp, placed adjacent to the sidewalk.*



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SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TRAFFIC SIGNAL PLAN

ARLINGTON BLVD

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PROJECT DESCRIPTION

This project consists of asphalt milling and overlay, safety improvements, signaling, pavement markings, and other miscellaneous work.

SOILS

Soil disturbing activities include: sidewalk demolition and construction, concrete island reconstruction and turf establishment.

Area of Disturbance:
Demolition and construction of sidewalk and ramps: 1.57 acres (68,449 sqft)
Construction of islands: 0.22 acres (9,733 sqft)
Construction of asphalt pavers: 0.24 acres (10,535 sqft)

Total: 2.03 acres (79,380 sqft)

The total area of soil disturbance for the project is approximately 2.03 acres. The receiving water is the Potomac River.

GENERAL NOTES AND GUIDELINES

Develop and implement a Spill Prevention Control and Countermeasures (SPCC) Plan following the requirements under 40 CFR 112. Report spills large enough to discharge surface waters to the National Response Center at 1-800-424-8802.

The Erosion and Sediment Control Narrative is intended to act as a guideline for preventing erosion and controlling sediment. The work consists of applying measures throughout the life of the project to control erosion and to minimize the sedimentation of rivers, creeks, and streams. Soil erosion control measures are also defined/outlined in the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects (FP-24) and the Special Contract Requirements. Install all erosion and sediment control devices in accordance with state and county requirements; as well as, Subsection 107.10 and the DOEE 2017 ESC Manual.

No construction access will be permitted through a wetland or a waterway.

Do not place excavated soil material adjacent to creeks, streams, or bodies of water in a manner that will cause it to be washed away by high water or runoff. Stabilize excess borrow material removed from the construction at the site of placement.

Do not allow any construction equipment to operate or access the down-slope side of the perimeter control measures.

Direct storm water to vegetated buffer areas and do not discharge directly into surface waters.

Preserve existing vegetation, trees, and shrubs when possible, and as directed by the CO. Do not disturb or clear vegetated areas outside the limits of work.

Protect all trees meeting the definition for a Special or Heritage trees under the DC Urban Forest Preservation Act, which applies to land maintained by the District of Columbia. Replace impacted trees in accordance with the National Capital Planning Commission Trees Preservation and Replacement Policy.

EROSION & SEDIMENT CONTROL CONSTRUCTION SEQUENCE

Before removal, patching and miliing operation, install erosion and sediment protection devices to ensure disturbed sediment does not leave the project site.

Employ temporary stabilization practices in incremental stages when necessary as construction proceeds. Upon completion of any ground disturbing activity, immediately stabilize the associated disturbed areas. Once installed, do not modify the type, size, or location of any control or practice without approval of the CO.

Prior to any clearing, grubbing, and excavation, install perimeter controls and temporary inlet protection at the locations specified in the plans or as directed by the CO. Install silt fence around the staging area prior to stockpiling and storing equipment.

Once finished grading is achieved and all construction operations in each work area have been completed and all upslope areas are stabilized and vegetation is established, remove all perimeter controls after obtaining approval from the CO.

The contractor must conduct operations and maintain the project site so as to minimize the creation and dispersion of dust. Use dust control throughout the work at the site.

The contractor must provide clean water, free from salt, oil, and other deleterious material to be used for on-site dust control.

EROSION & SEDIMENT CONTROL CONSTRUCTION SEQUENCE (CONTINUED)

The contractor shall supply water-spraying equipment capable of accessing all work areas.

The contractor shall implement strict dust control measures during the active construction periods on-site. These measures shall generally consist of water applications that shall be applied a minimum of once per day during dry weather or more often as required to prevent dust emissions.

For water application to undisturbed soil surfaces, the contractor shall:

Apply water with equipment consisting of tank, spray bar, and pump with discharge pressure guage.

Arrange spray bar height, nozzle spacing and spray pattern to provide complete coverage of ground with water.

Disperse water through the nozzles on spray bar at 20 psi (137.8 kPa) minimum. Keep areas damp without creating nuisance conditions such as ponding.

For water application to soil surfaces during during demolition and/or excavation, the contractor shall:

Apply water with equipment consisting of a tank, pump with discharge gauge, hoses and mist nozzles.

Locate tank and spraying equipment so that the entire excavation area can be misted without interfering with the demolition and/or excavation equipment or operations. Keep areas damp without creating nuisance conditions such as ponding.

Apply water spray in a manner to prevent movment of spray beyond the site boundaries.

MAINTENANCE AND INSPECTION PROCEDURES

Unless stated otherwise, construct and maintain all vegetated and structural erosion control practices according to Section 157, the details shown in the plans, and the individual permitting requirements. Inspect and maintain erosion control facilities daily during construction activities and immediately following a rain event. Repair and replace any damaged measures by the end of the day.

Inlet protection - Inspect weekly to ensure that inlet protection remains firmly in place and is not damaged or clogged. Clean clogged inlet protection or replace clogged or damaged inlet protection as necessary.

Fiber roll - Inspect weekly and after each runoff event. Remove sediment deposits from the fiber when it reaches half the height of the device. Replace damaged fiber roll within 24 hours of inspection.

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

GEORGE WASHINGTON MEMORIAL PARKWAY

EROSION AND SEDIMENT CONTROL NARRATIVE

Pollution Prevention Good Housekeeping Stamp Notes	
Fuels and Oils	On-site refueling will be conducted in a dedicated location away from access to surface waters. Install containment berms and, or secondary containments around refueling areas and storage tanks. Spills will be cleaned up immediately and contaminated soils disposed of in accordance with all federal and District of Columbia regulations. Petroleum products will be stored in clearly labeled tightly sealed containers. All vehicles on site will be monitored for leaks and receive regular preventive maintenance activities. Any asphalt substances used on site will be applied according to manufacturer's recommendations. Spill kits will be included with all fueling sources and maintenance activities.
Solid Waste	No solid materials shall be discharged to surface water. Solid materials including building materials, garbage and paint debris shall be cleaned up daily and deposited into dumpsters, which will be periodically removed and deposited into a landfill.
Abrasive Blasting	Water blasting, sandblasting, and other forms of abrasive blasting on painted surfaces built prior to 1978 may only be performed if an effective containment system prevents dispersal of paint debris.
Fertilizer	Fertilizers will be applied only in the minimum amounts recommended by the manufacturer, worked into the soil to limit exposure to stormwater, and stored in a covered shed. Partially used bags will be transferred to a sealable bin to avoid spills.
Paint and Other Chemicals	All paint containers and curing compounds will be tightly sealed and stored when not required for use. Excess paint will not be discharges to the storm sewers, but will be properly disposed of according to manufacturer's recommendations. Spray guns will be cleaned on a removable tarp. Chemicals used on site are kept in small quantities and in closed containers undercover and kept out of direct contact with stormwater. As with fuels and oils, any inadvertent spills will be cleaned up immediately and disposed of according federal and District of Columbia regulations.
Concrete	Concrete trucks will not be allowed to wash out or discharge surplus concrete or drum wash on site, except in a specially designated concrete disposal area. Form release oil for decorative stone work will be applied over a pallet covered with an absorbent material to collect excess fluid. The absorbent material will be replaced and disposed of properly when saturated.
Water Testing	When testing and, or cleaning water supply lines, the discharge from the tested pipe will be collected and conveyed to a completed stormwater conveyance system for ultimate discharge into a stormwater best management practice (BMP).
Sanitary Waste	Portable lavatories located on site will be services on a regular basis by a contractor. Portable lavatories will be located in an upland area away from direct contact with surface waters. Any spills occurring during servicing will be cleaned immediately and contaminated soils disposed of in accordance with all federal and District of Columbia regulations.

DOEE SOIL EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES
1. Following initial land disturbance or re-disturbance, permanent or interim stabilization must be completed within seven (7) calendar days for the surfaces of all perimeter controls, dikes, swales, ditches, perimeter slopes, and slopes greater than three (3) horizontal to one (1) vertical (3:1); and fourteen (14) days for all other disturbed or graded areas on the project site. These requirements do not apply to areas shown on the plan that are used for material storage other than stockpiling, or for those areas on the plan where actual construction activities are being performed. Maintenance shall be performed as necessary so that stabilized areas continuously meet the appropriate requirements of the District of Columbia Standards and Specifications for Soil Erosion and Sediment Control (ESC). [21 DCMR § 542.9 (o)]
2. ESC measures shall be in place before and during land disturbance. [21 DCMR § 543.6]
3. Contact DOEE Inspection (202) 535-2977 to schedule a preconstruction meeting at least three (3) business days before the commencement of a land-disturbing activity. [21 DCMR § 503.7 (a)]
4. A copy of the approved plan set will be maintained at the construction site from the date that construction activities begin to the date of final stabilization and will be available for DOEE inspectors. [21 DCMR § 542.15]
5. ESC measures shall be in place to stabilize an exposed area as soon as practicable after construction activity has temporarily or permanently ceased but no later than fourteen (14) days following cessation, except that temporary or permanent stabilization shall be in place at the end of each day of underground utility work that is not contained within a larger development site. [21 DCMR § 543.7]
6. Stockpiled material being actively used during a phase of construction shall be protected against erosion by establishing and maintaining perimeter controls around the stockpile. [21 DCMR § 543.16 (a)]
7. Stockpiled material not being actively used or added to shall be stabilized with mulch, temporary vegetation, hydro-seed or plastic within fifteen (15) calendar days after its last use or addition. [21 DCMR § 543.16 (b)]
8. Fill material must be free of contamination levels of any pollutant that is, or may be considered to represent, a possible health hazard to the public or may be detrimental to surface or ground water quality, or which may cause damage to property or the drainage system. All fill material must be free of hazardous materials and comply with all applicable District and federal regulations.
9. Protect best management practices from sedimentation and other damage during construction for proper post construction operation. [21 DCMR § 543.5]
10. Request a DOEE inspector's approval after the installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. [21 DCMR § 542.12 (a)]
11. Request a DOEE inspector's approval after final stabilization of the site and before the removal of erosion and sediment controls. [21 DCMR § 542.12 (b)]
12. Final stabilization means that all land-disturbing activities at the site have been completed and either of the following two criteria have been met: (1) a uniform (for example, evenly distributed, without large bare areas) perennial vegetative cover with a density of seventy percent (70%) of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or (2) equivalent permanent stabilization measures have been employed (such as the use of riprap, gabions, or geotextiles). [21 DCMR § 542.12 (b.1, b.2)]
13. Follow the requirements of the United States Environmental Protection Agency approved Stormwater Pollution Prevention Plan (SWPPP) and maintain a legible copy of this SWPPP on site. [21 DCMR § 543.10 (b)]
14. Post a sign that notifies the public to contact DOEE in the event of erosion or other pollution. The sign will be placed at each entrance to the site or as directed by the DOEE inspector. Each sign will be no less than 18 x 24 inches in size and made of materials that will withstand weather for the duration of the project. Lettering will be at least 1 inch in height and easily readable by the public from a distance of twelve feet (12 ft). The sign must direct the public, in substantially the following form: "To Report Erosion, Runoff, or Stormwater Pollution" and will provide the construction site address, DOEE's telephone number (202-535-2977), DOEE's e-mail address (IEB.scheduling@dc.gov), and the 311 mobile app heading ("Construction-Erosion Runoff"). [21 DCMR § 543.22]
If a site disturbs 5,000 square feet of land or greater, the ESC plan must contain the following statement:
15. A *Responsible Person* must be present or available while the site is in a land-disturbing phase. The *Responsible Person* is charged with being available to (a) inspect the site and its ESC measures at least once biweekly and after a rainfall event to identify and remedy each potential or actual erosion problem, (b) respond to each potential or actual erosion problem identified by construction personnel, and (c) speak on site with DOEE to remedy each potential or actual erosion problem. A *Responsible Person* shall be (a) licensed in the District of Columbia as a civil or geotechnical engineer, a land surveyor, or architect; or (b) certified through a training program that DOEE approves, including a course on erosion control provided by another jurisdiction or professional association. During construction, the *Responsible Person* shall keep on site proof of professional licensing or of successful completion of a DOEE-approved training program. [21 DCMR § 547]

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21 May 2026 6:14 PM

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

GEORGE WASHINGTON MEMORIAL PARKWAY

EROSION AND SEDIMENT CONTROL NARRATIVE

VEGETATIVE STABILIZATION

There will be X.X acres in need of stabilization as a result of this project. Areas of turf establishment will be prepared with fertilizer, topsoil and mulch.

In accordance with Subsection 625.06, apply limestone and fertilizer at the following rates for the roadside turf area mix only:

Permanent Seeding Summary

	Seed Mixture				Fertilizer Rate (10-20-20)			Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	N	P_2O_5	K_2O	
1	Barlexas Tall Fescue	75.0	February 15 to Novemeber 15		45 lb/ac	90 lb/ac	90 lb/ac	2 ton/ac
2	Redcoat Tall Fescue	62.5	February 15 to Novemeber 15					
3	Chewing Fescue	62.5	February 15 to Novemeber 15					
4	Impact Kentucky Bluegrass	25.0	February 15 to Novemeber 15		(1.0 lb/ 1,000 ft^2)	(2.0 lb/ 1,000 ft^2)	(2.0 lb/ 1,000 ft^2)	(90 lb/ 1,000 ft^2)
5	Catalina Perennial Ryegrass	25.0	February 15 to Novemeber 15					

Permanent Seeding Summary

	Seed Mixture				Fertilizer Rate (10-20-20)			Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	N	P_2O_5	K_2O	
1	Barlexas Tall Fescue	75.0	November 16 to February 14		45 lb/ac	90 lb/ac	90 lb/ac	2 ton/ac
2	Redcoat Tall Fescue	62.5	November 16 to February 14					
3	Chewing Fescue	62.5	November 16 to February 14					
4	Impact Kentucky Bluegrass	25.0	November 16 to February 14		(1.0 lb/ 1,000 ft^2)	(2.0 lb/ 1,000 ft^2)	(2.0 lb/ 1,000 ft^2)	(90 lb/ 1,000 ft^2)
5	Catalina Perennial Ryegrass	25.0	November 16 to February 14					

Temporary Seeding Summary

	Seed Mixture				Fertilizer Rate (10-20-20)	Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths		
1	Barlexas Tall Fescue	75.0	February 15 to Novemeber 15		436 lb/ac	2 ton/ac
2	Redcoat Tall Fescue	62.5	February 15 to Novemeber 15			
3	Chewing Fescue	62.5	February 15 to Novemeber 15			
4	Impact Kentucky Bluegrass	25.0	February 15 to Novemeber 15		(10 lb/ 1,000 ft^2)	(90 lb/ 1,000 ft^2)
5	Catalina Perennial Ryegrass	25.0	February 15 to Novemeber 15			

Temporary Seeding Summary

	Seed Mixture				Fertilizer Rate (10-20-20)	Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths		
1	Barlexas Tall Fescue	75.0	November 16 to February 14		436 lb/ac	2 ton/ac
2	Redcoat Tall Fescue	62.5	November 16 to February 14			
3	Chewing Fescue	62.5	November 16 to February 14			
4	Impact Kentucky Bluegrass	25.0	November 16 to February 14		(10 lb/ 1,000 ft^2)	(90 lb/ 1,000 ft^2)
5	Catalina Perennial Ryegrass	25.0	November 16 to February 14			

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FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

GEORGE WASHINGTON MEMORIAL PARKWAY

EROSION AND SEDIMENT CONTROL NARRATIVE

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
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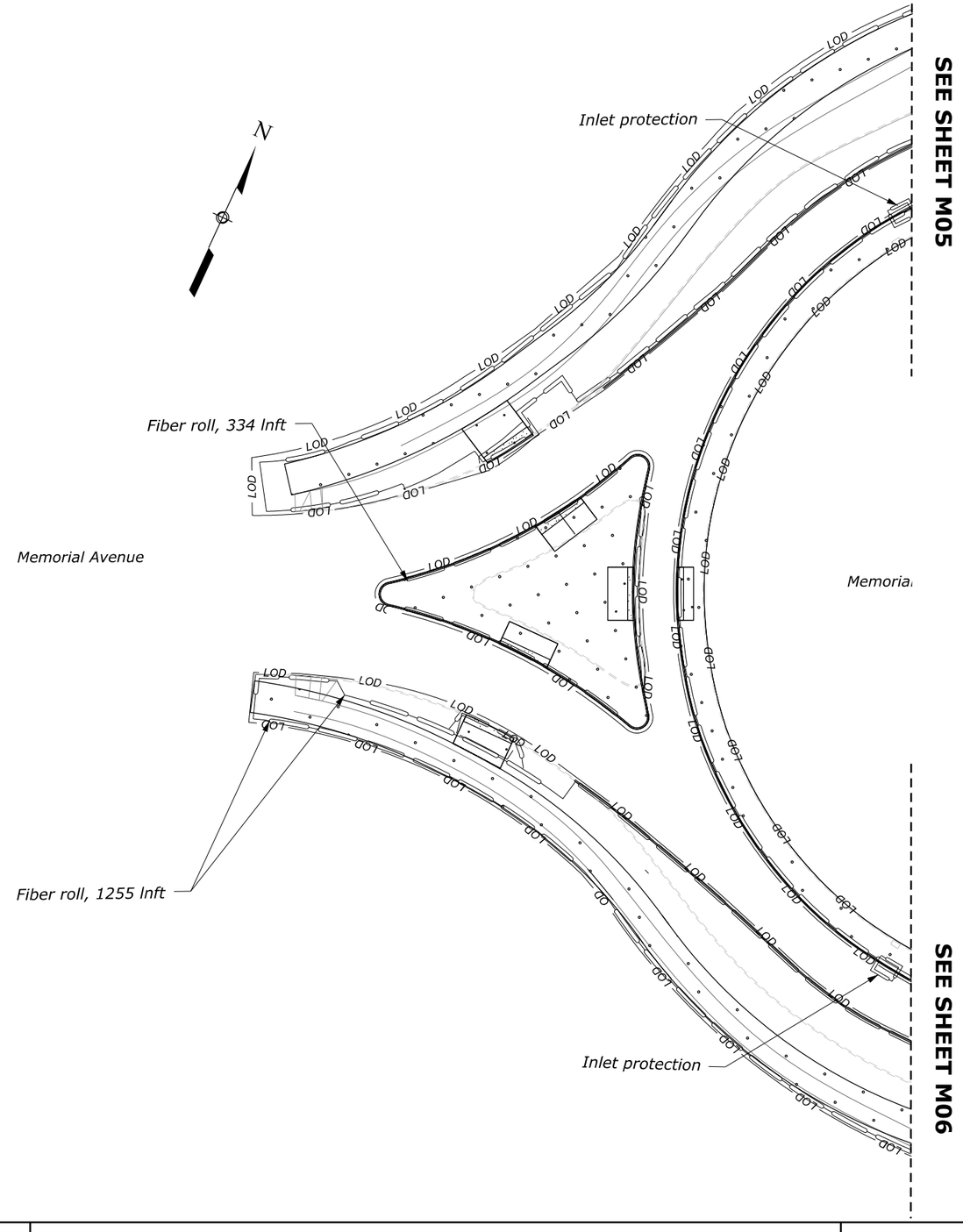

SEE SHEET M05

SEE SHEET M06

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FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

EROSION AND SEDIMENT CONTROL PLAN

MEMORIAL CIRCLE

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PROJECT	SHEET NUMBER
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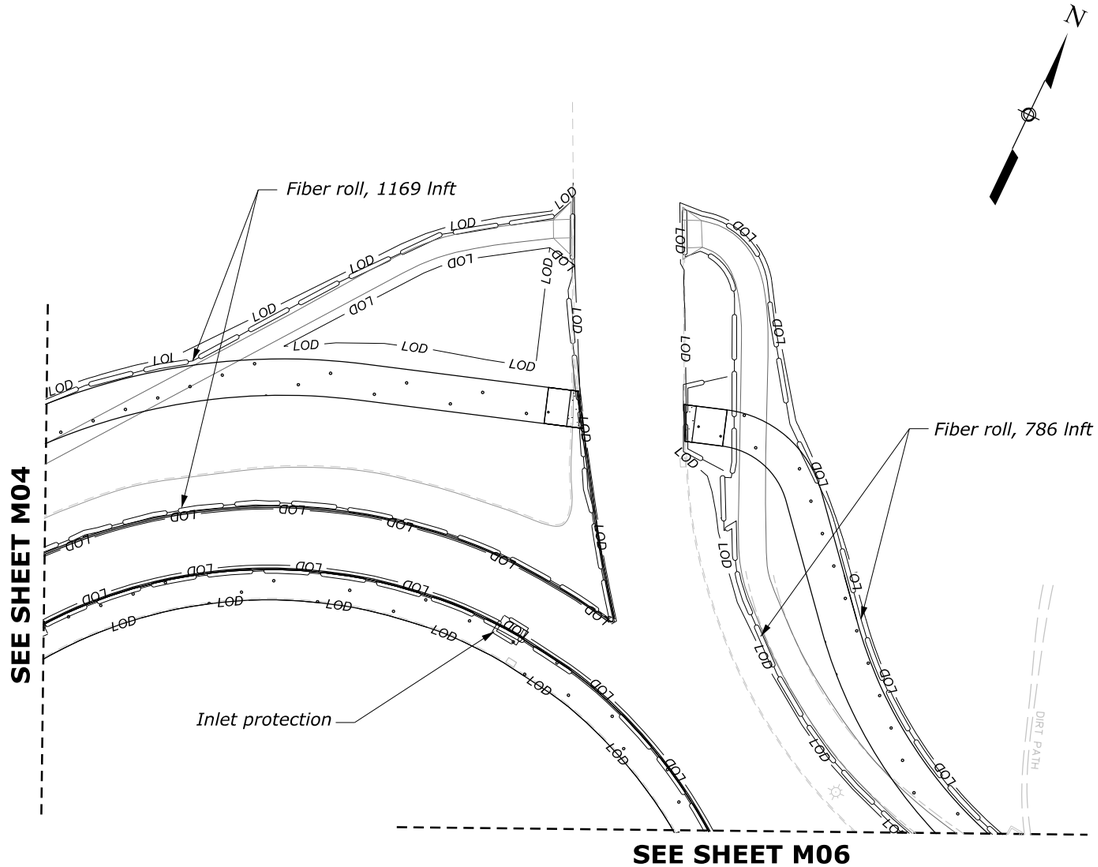

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U.S. DEPARTMENT OF TRANSPORTATION
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GEORGE WASHINGTON MEMORIAL PARKWAY

EROSION AND SEDIMENT CONTROL PLAN

MEMORIAL CIRCLE
S. ARLINGTON BLVD

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NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
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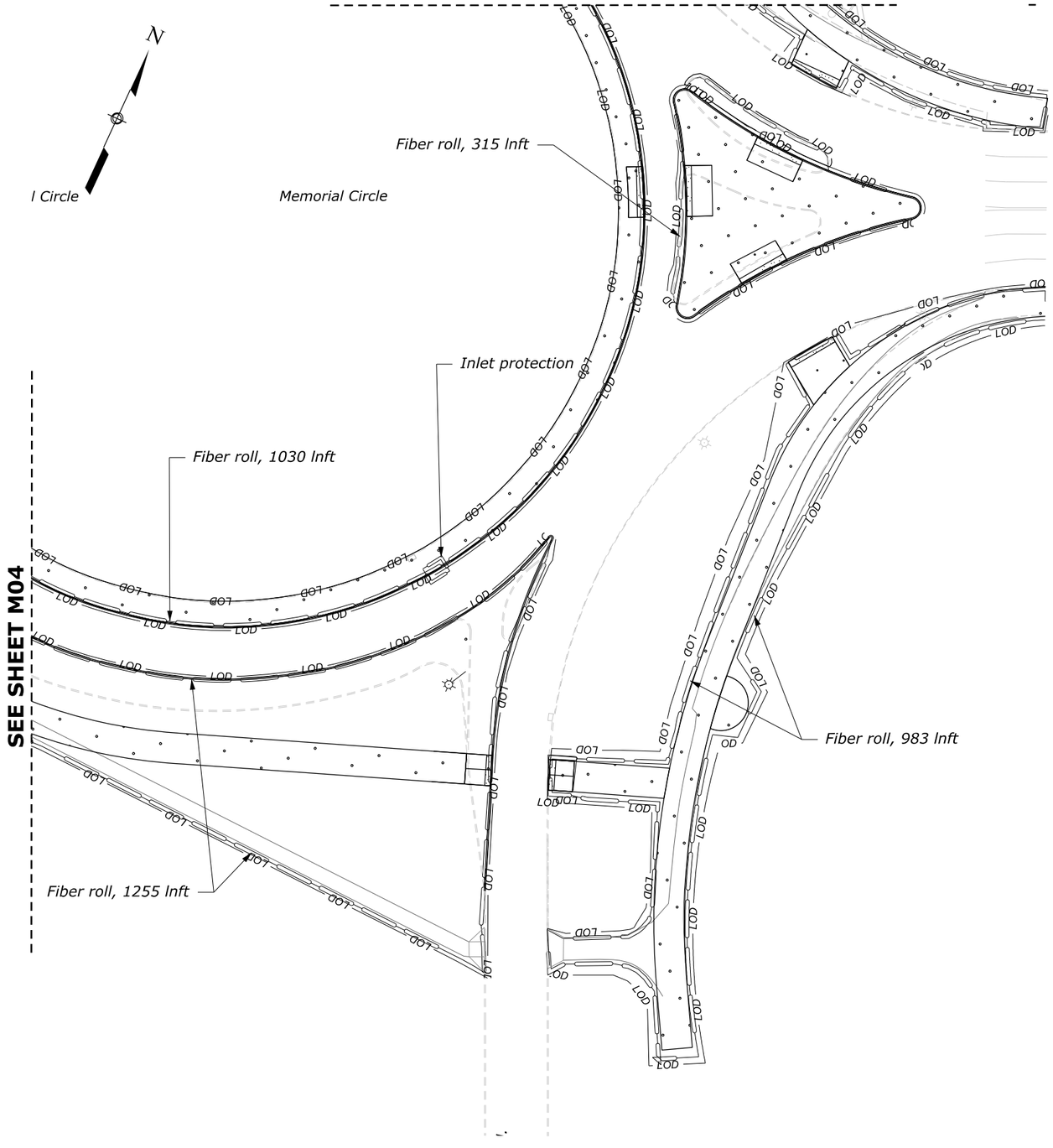

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FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

EROSION AND SEDIMENT CONTROL PLAN

MEMORIAL CIRCLE
WASHINGTON BLVD

TRAFFIC CONTROL PLAN GENERAL NOTES:

1. *The Traffic Control Plans have been designed in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), latest edition, and Section 635 of the Eastern Federal Lands Highway Division (EFLHD) detail drawings.*

2. *Traffic control signing, devices, workzone and overall set up is located within National Park Service (NPS)-owned and maintained roadways. If applicable, coordinate with DDOT, VDOT, Arlington County or other local agencies for work taking place along roadways under their respective jurisdiction. If applicable, all lane closure hours on VDOT-maintained roadways shall be in accordance with the Lane Closures in NOVA District Memorandum, dated February, 2024. If applicable, all work along DDOT-maintained roadways shall be in accordance with the DDOT Design and Engineering Manual (2023) and the DDOT Work Zone Temporary Traffic Control Manual (2006).*

3. *The allowable lane closure hours apply to the Memorial Circle Safety Improvements.*

   (a) *Maintain a minimum of one lane of traffic in each direction from 9:00 PM to 5:00 AM and during non-rush hours.*
   (b) *During rush hours, maintain existing number of lanes of traffic.*
   (c) *Lane closures must be scheduled to not conflict with local events.*
   (d) *Definition of Rush Hours and Night Hours*
   EB Morning Rush Hours: 5:00 AM to 9:30 AM
   WB Evening Rush Hours: 2:30 PM to 7:00 PM
   Night Hours: 9:00 PM to 5:00 AM

4. *Take all appropriate measures to ensure that adequate sight distances are provided during construction operations. Traffic control devices, signs, construction equipment, material storage or any other obstacle should not interfere with sight distances.*

5. *Do not store equipment and/or materials within the established clear zone unless positive protection is provided.*

6. *Do not perform any work, park vehicles or equipment, or store materials in buffer areas of lane closures.*

7. *Place signs as shown in the Traffic Control Plans. Temporary sign locations can be adjusted in the field so that they do not conflict with permanent existing signs or other existing features, such as sidewalk ramps, railing or light poles. Maintain all existing permanent signs during construction, unless otherwise noted in each stage of the Traffic Control Plans.*

8. *The Temporary Traffic Control Plans depict the major traffic control devices and safety measures required for construction. The daily control of traffic including placement, maintenance, and removal of traffic control devices is the Contractor's responsibility.*

9. *Implement additional measures as needed to provide separation between pedestrians, bicycles, and the work zone.*

10. *Remove traffic control devices no longer needed at the end of each shift. Cover signs that conflict with the current traffic set-up.*

11. *Coordinate traffic control signing and devices as needed with all other work zones in the vicinity, and make adjustments as necessary.*

TRANSPORTATION OPERATIONS PLAN:

The following is a list of local emergency contact agencies:

Fire and Emergency Medical Services:	*911*
US Park Police:	*202-619-7500*
Virginia State Police:	*703-803-0026*
Arlington County Police:	*703-558-2222*
Arlington County Public Safety Communications and Emergency Management:	*703-228-7935*
Arlington County Transportation:	*703-228-5000*
Metropolitan Area Transportation Operations Coordination (MATOC):	*301-405-7841*
DDOT Transportation Management Center:	*202-673-6813*
VDOT Northern Region Operations Center:	*703-877-3401*
MDOT Operations Center:	*410-582-5605*
US Department of Homeland Security:	*202-282-8000*

For utility company contact information, call 811.

POSTED SPEED LIMITS TABLE

Road Name	*Posted Speed Limit (mph)*
Arlington Memorial Bridge	*30*
Memorial Avenue	*20-30*
Washington Boulevard	*25-40*
George Washington Memorial Parkway	*50*
GWMP Distributor Ramp at Memorial Circle	*30*
Washington Blvd to Memorial Circle	*30-45*
Washington Blvd from Memorial Circle to US Hwy 50	*30-40*
Washington Blvd Turnaround	*30*

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL NARRATIVE

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
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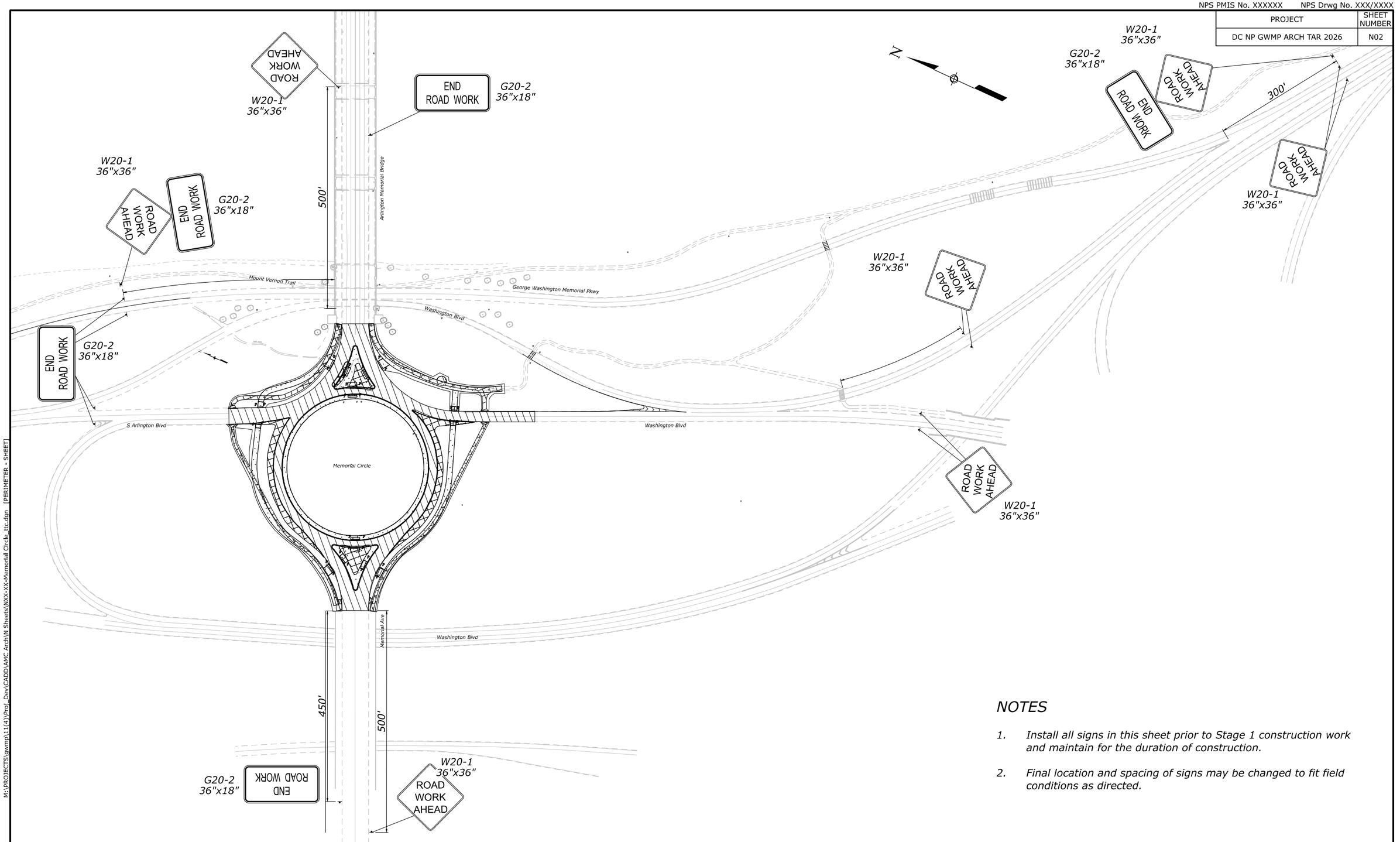

NOTES

1. *Install all signs in this sheet prior to Stage 1 construction work and maintain for the duration of construction.*
2. *Final location and spacing of signs may be changed to fit field conditions as directed.*

NO.	DATE	BY	REVISIONS

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GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

PERIMETER PLAN

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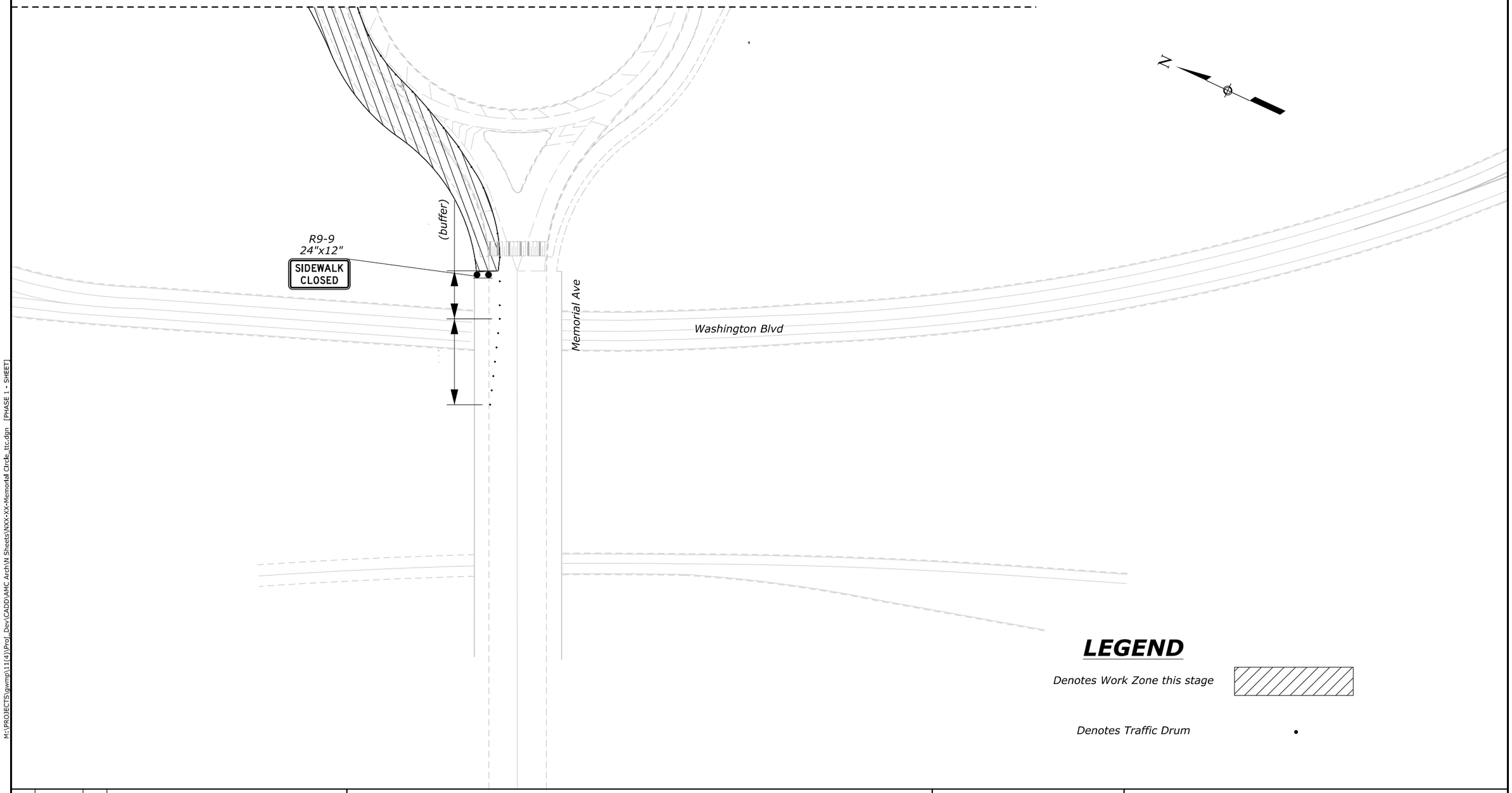
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N03

SEE SHEET N05



LEGEND

Denotes Work Zone this stage

Denotes Traffic Drum

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 1

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PROJECT	SHEET NUMBER
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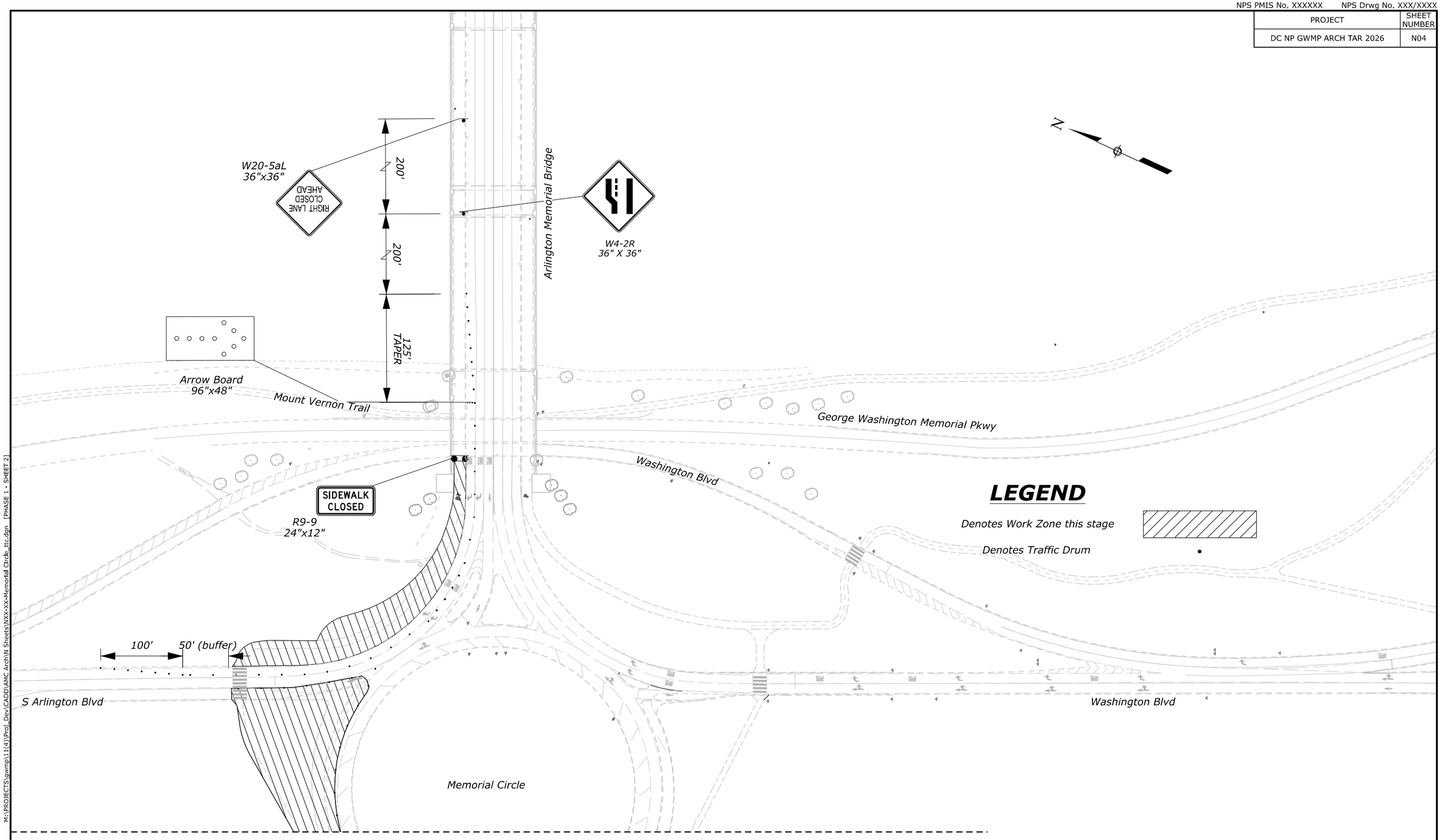

SEE SHEET N04

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 1

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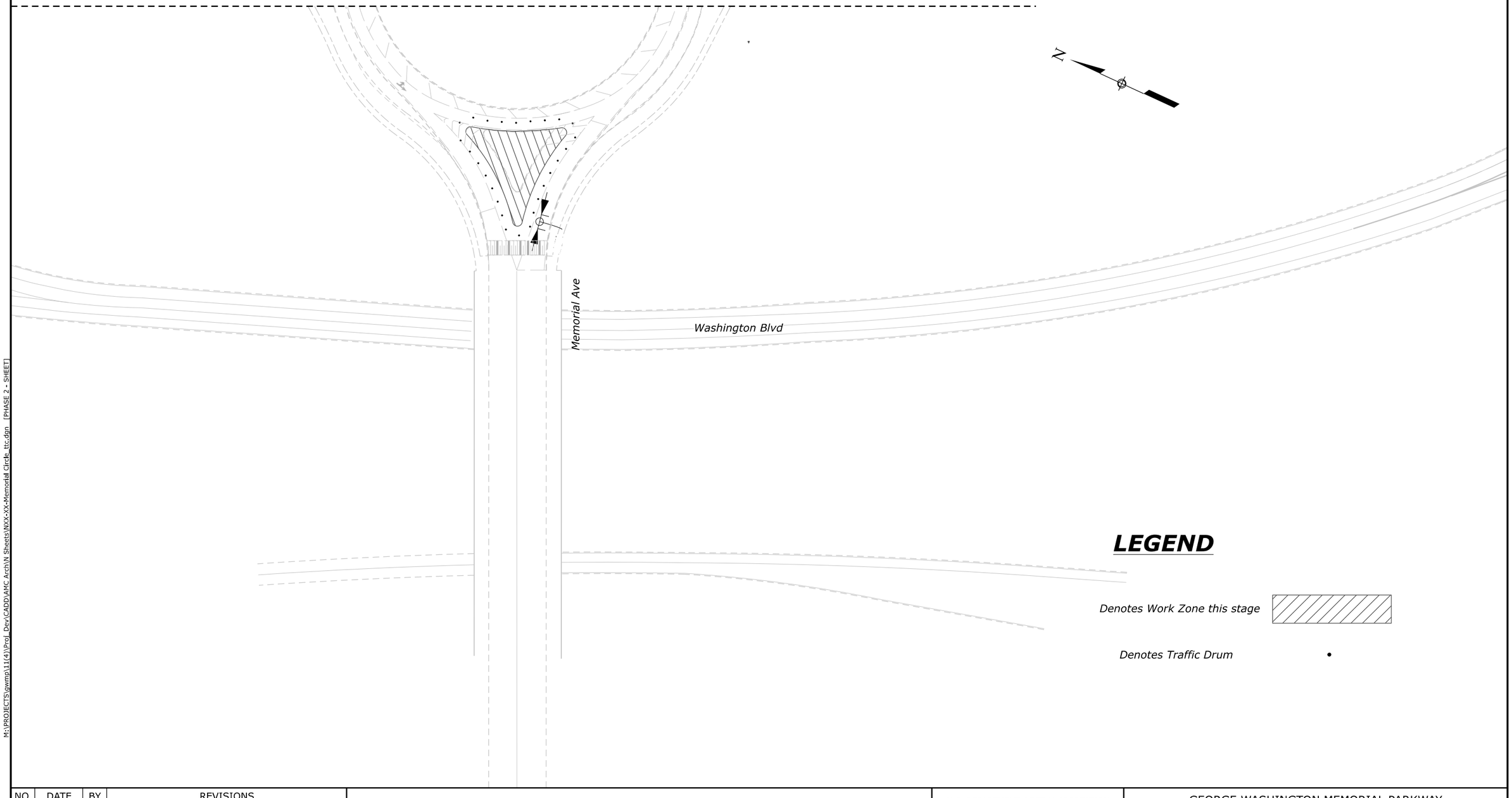
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N05

SEE SHEET N07



LEGEND

Denotes Work Zone this stage

Denotes Traffic Drum

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 2

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PROJECT	SHEET NUMBER
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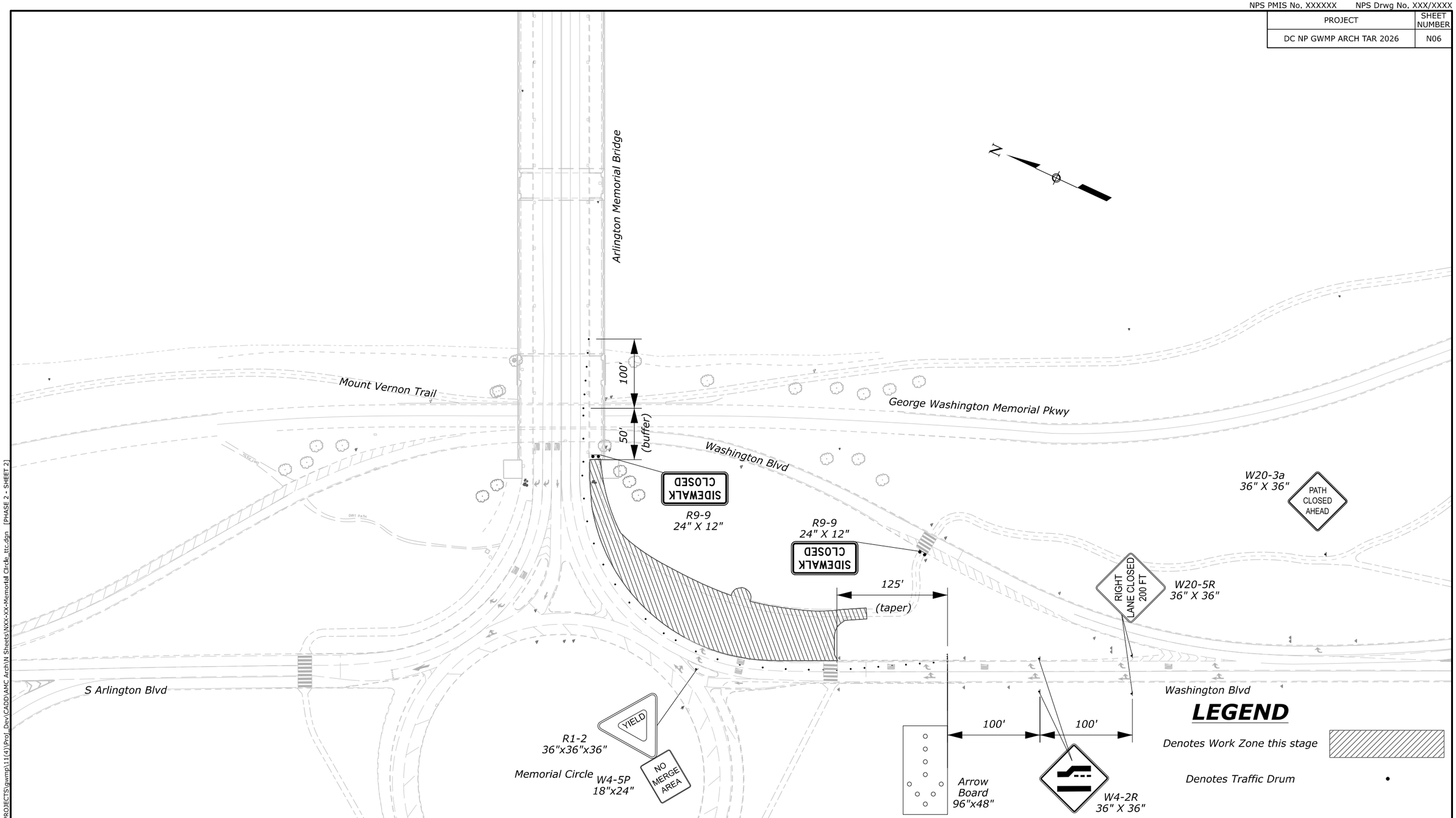

SEE SHEET N06

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 2

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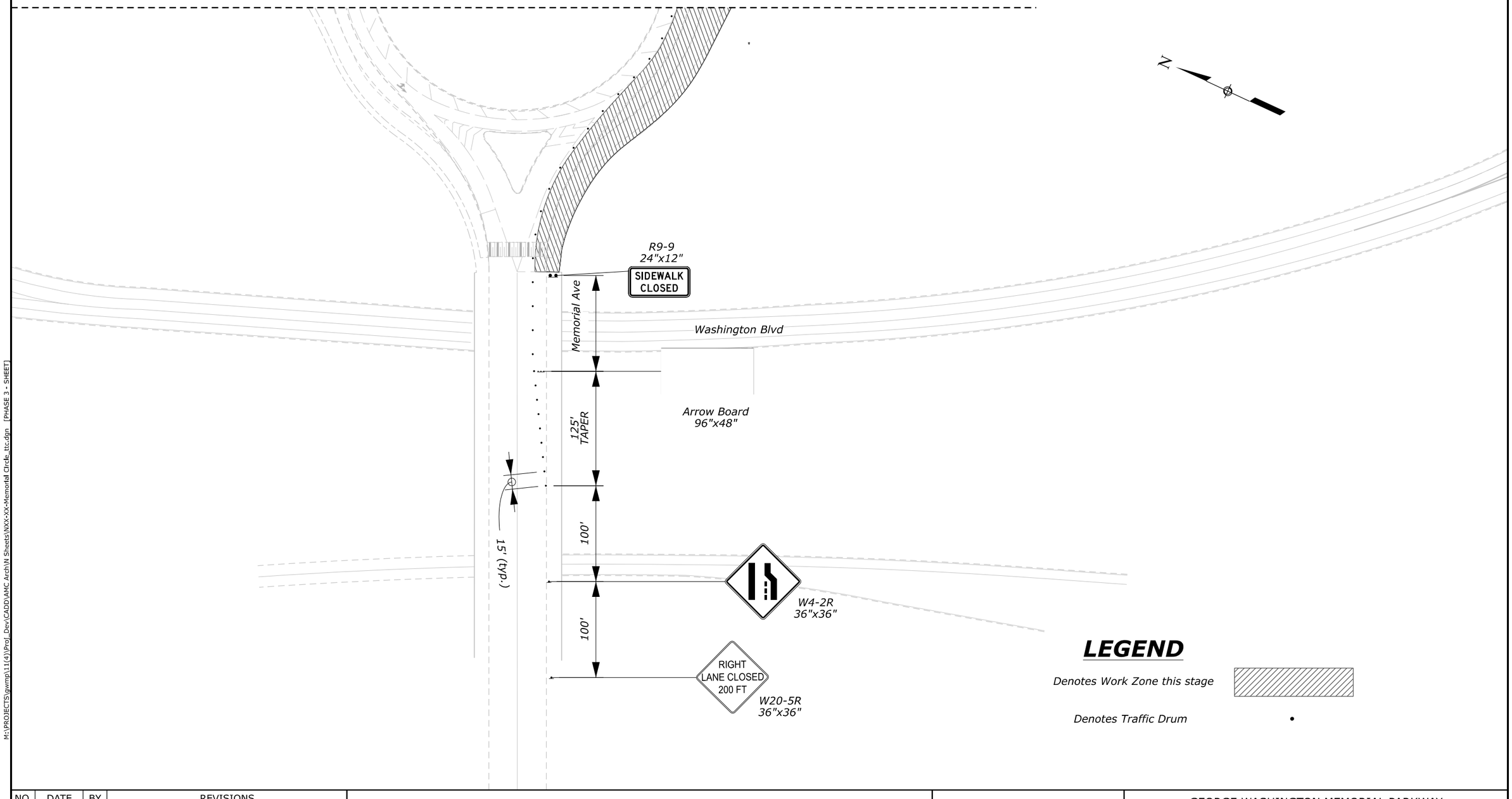
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N07

SEE SHEET N09



LEGEND

Denotes Work Zone this stage

Denotes Traffic Drum •

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 3

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21 May 2026 6:19 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N08

W20-5aL
36"x36"

2 LEFT LANES CLOSED AHEAD

100'

100'

125'
TAPER

Arrow Board
96"x48"

Arlington Memorial Bridge

W4-2L
36" X 36"

N

Mount Vernon Trail

George Washington Memorial Pkwy

Washington Blvd

DIRT PATH

LEGEND

Denotes Work Zone this stage

Denotes Traffic Drum

R9-9
24"x12"

SIDEWALK CLOSED

125'
TAPER

S Arlington Blvd

Arrow Board
96"x48"

Washington Blvd

200'

W4-2L
36"x36"

LEFT LANE CLOSED AHEAD

W20-5L
36"x36"

Memorial Circle

SEE SHEET N08

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FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

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GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 3

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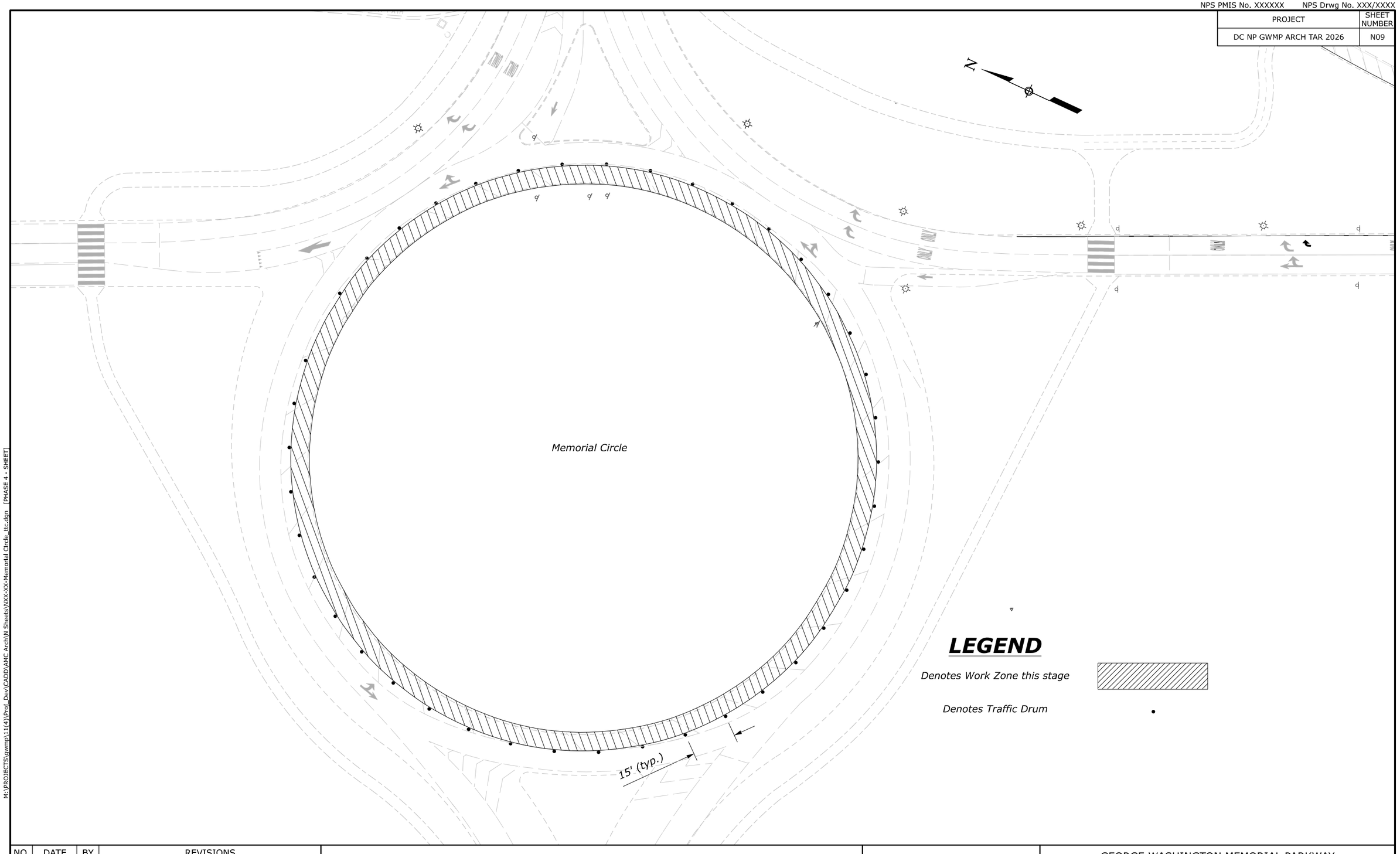

LEGEND

Denotes Work Zone this stage

Denotes Traffic Drum

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 25 50
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE SIGNAL AND SIDEWALK IMPROVEMENT

STAGE 4

M:\PROJECTS\gwmp\111(4)\Proj_Dev\CADD\AMC Arch\N Sheets\NXX-XX-Memorial Circle_ ttc.dgn [PHASE 4 - SHEET]
21 May 2026 6:19 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N10

W20-5L 36"x36"

W4-2L 36"x36"

200'

200'

125' TAPER

Mount Vernon Trail

GEORGE WASHINGTON MEMORIAL PKWY

WASHINGTON BLVD

DIRT PATH

DIRT PATH

Arlington

George Washington Memorial Pkwy

Washington Blvd

W4-3 36"x36"

N

END DETOUR

M4-8a 24"x18"

Place temporary crosswalk

S Arlington Blvd

Rapid Flashing Beacon

W11-15 36"x36"

W16-7PL 21"x16"

STATE LAW STOP FOR IN CROSSWALK

R1-6e 12"x36" (double-sided)

Rapid Flashing Beacon

Memorial Circle

W11-15 36"x36"

W16-7PR 21"x16"

M4-9aL 30"x24"

DETOUR

M4-9aR 30"x24"

DETOUR

Construct temporary aggregate path

W6-3 36"x36"

Place temporary pavement markings, white, 293 lnft

Place temporary pavement markings, yellow, 2756 lnft

350'

Washington Blvd

ROAD CLOSED

R9-9 24"x12"

M4-9aR 30"x24"

SIDEWALK CLOSED

DETOUR

ARLINGTON MEMORIAL CIRCLE CLOSED AHEAD

W20-3 (mod.) 36"x36"

R11-2 48"x30" mounted on Type 3 barricade

W1-6R 48"x24"

R9-9 24"x12"

M4-9aR 30"x24" mounted on Type 3 barricade

R11-2 48"x30" mounted on Type 3 barricade

W1-6L 48"x24"

ROAD CLOSED

SEE SHEET N12

LEGEND

Type 3 barricade

Traffic Drum

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 50 100
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE CONSTRUCTION OF THE ARCH

DETOUR ROUTE

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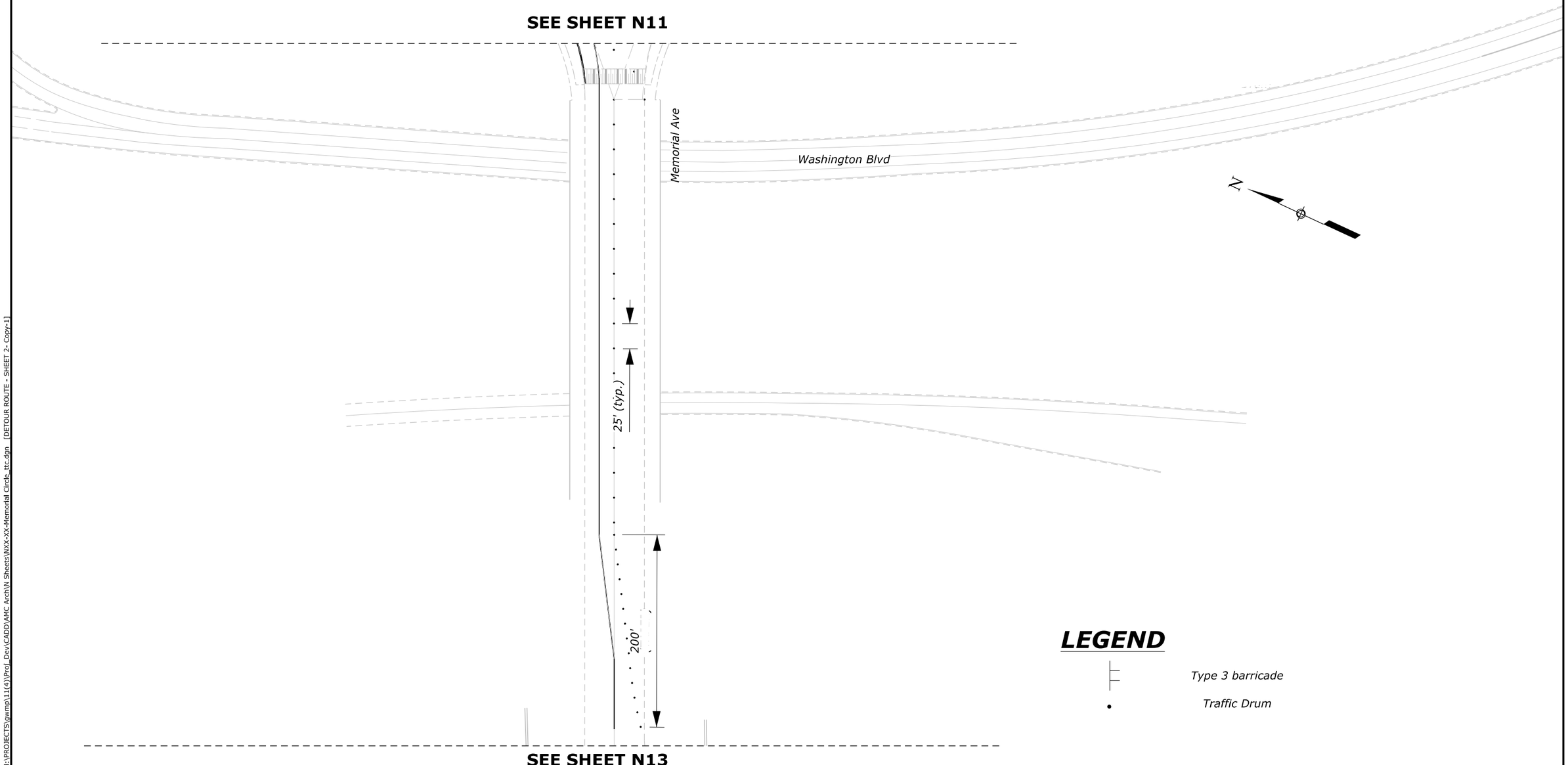
21 May 2026 6:19 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N11

SEE SHEET N11



SEE SHEET N13

LEGEND

Type 3 barricade

Traffic Drum

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 50 100
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE CONSTRUCTION OF THE ARCH

DETOUR ROUTE

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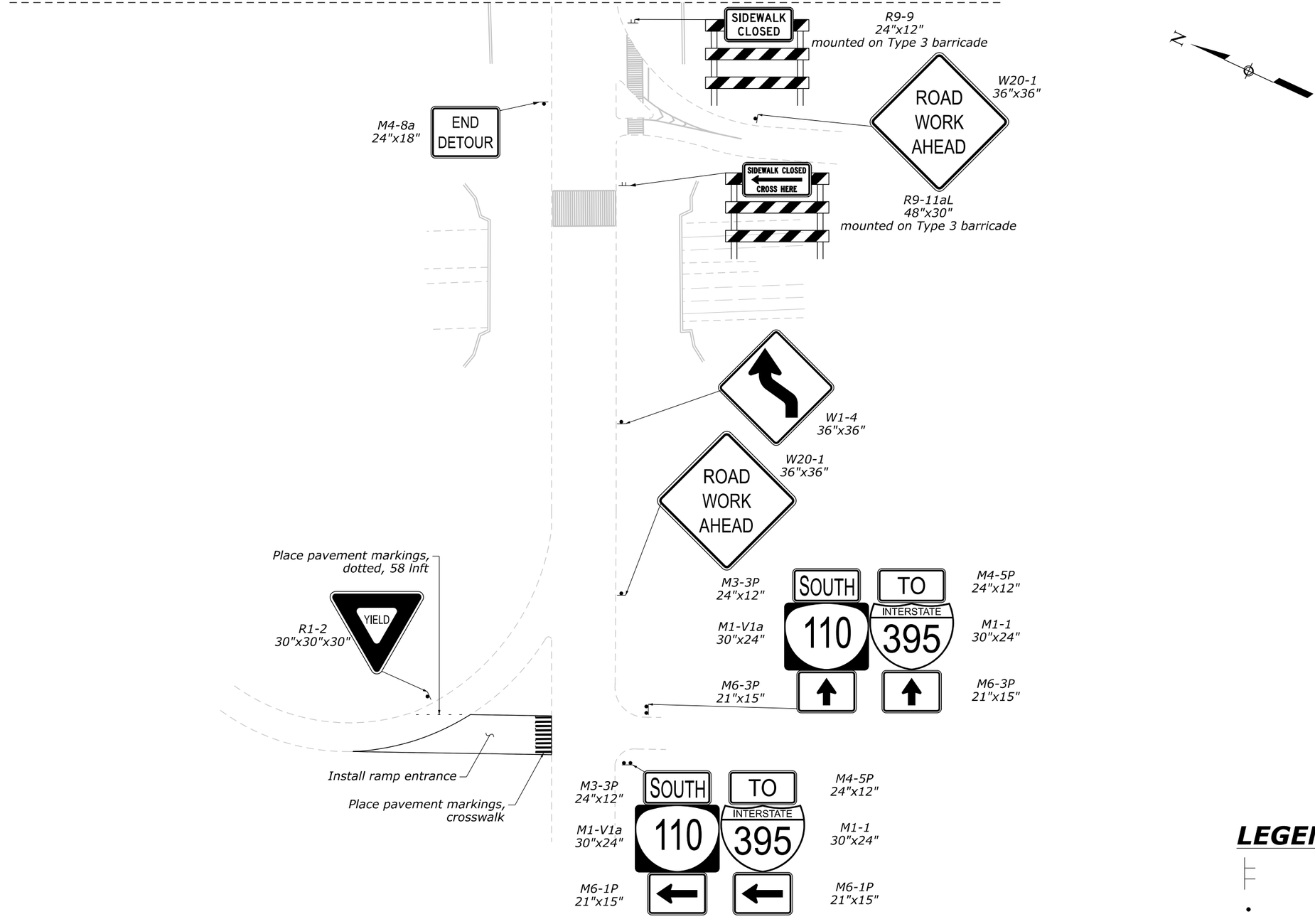
21 May 2026 6:19 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	N12

SEE SHEET N12



LEGEND

Type 3 barricade

Traffic Drum

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 50 100
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARKWAY

TEMPORARY TRAFFIC CONTROL PLAN FOR THE CONSTRUCTION OF THE ARCH

DETOUR ROUTE

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21 May 2026 6:19 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXXXX

PROJECT	SHEET NUMBER
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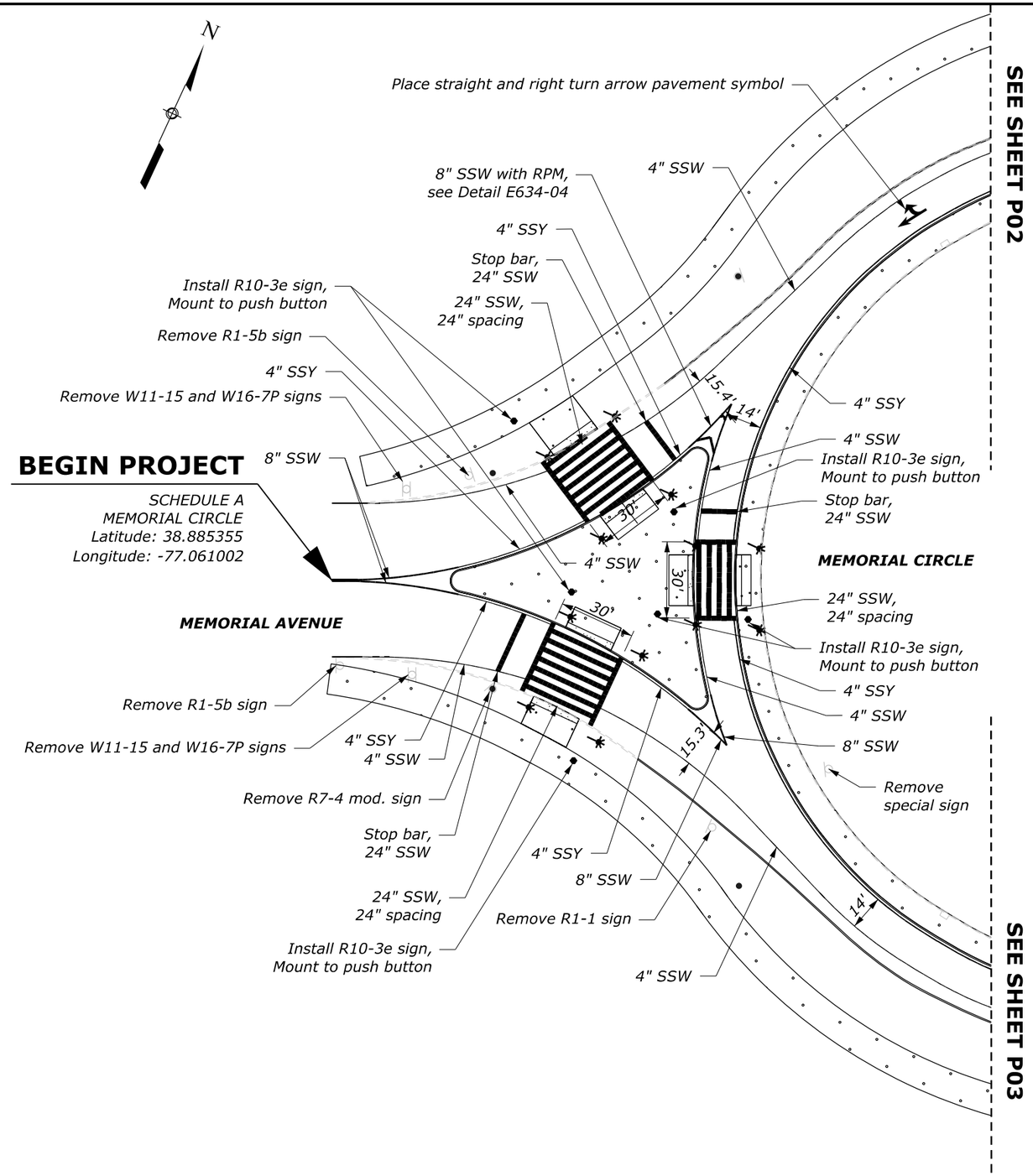

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 25 50
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARK

PAVEMENT MARKING AND SIGNING PLAN

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21 May 2026 7:12 PM

PROJECT	SHEET NUMBER
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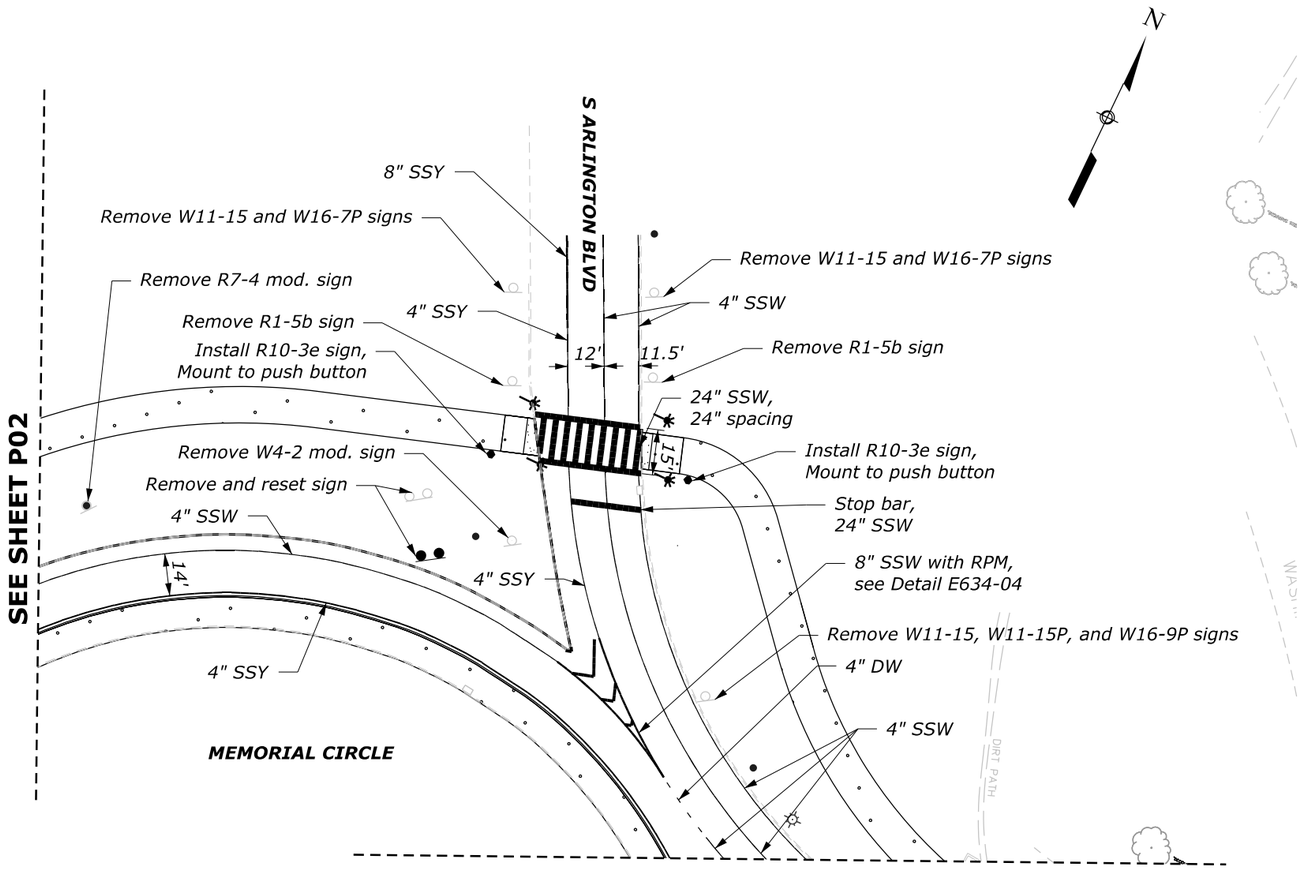

NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 25 50
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARK

PAVEMENT MARKING AND SIGNING PLAN

M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\P01-P03_Memorial Circle.dgn [P02 SHEET]
21 May 2026 7:12 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXXXX

PROJECT	SHEET NUMBER
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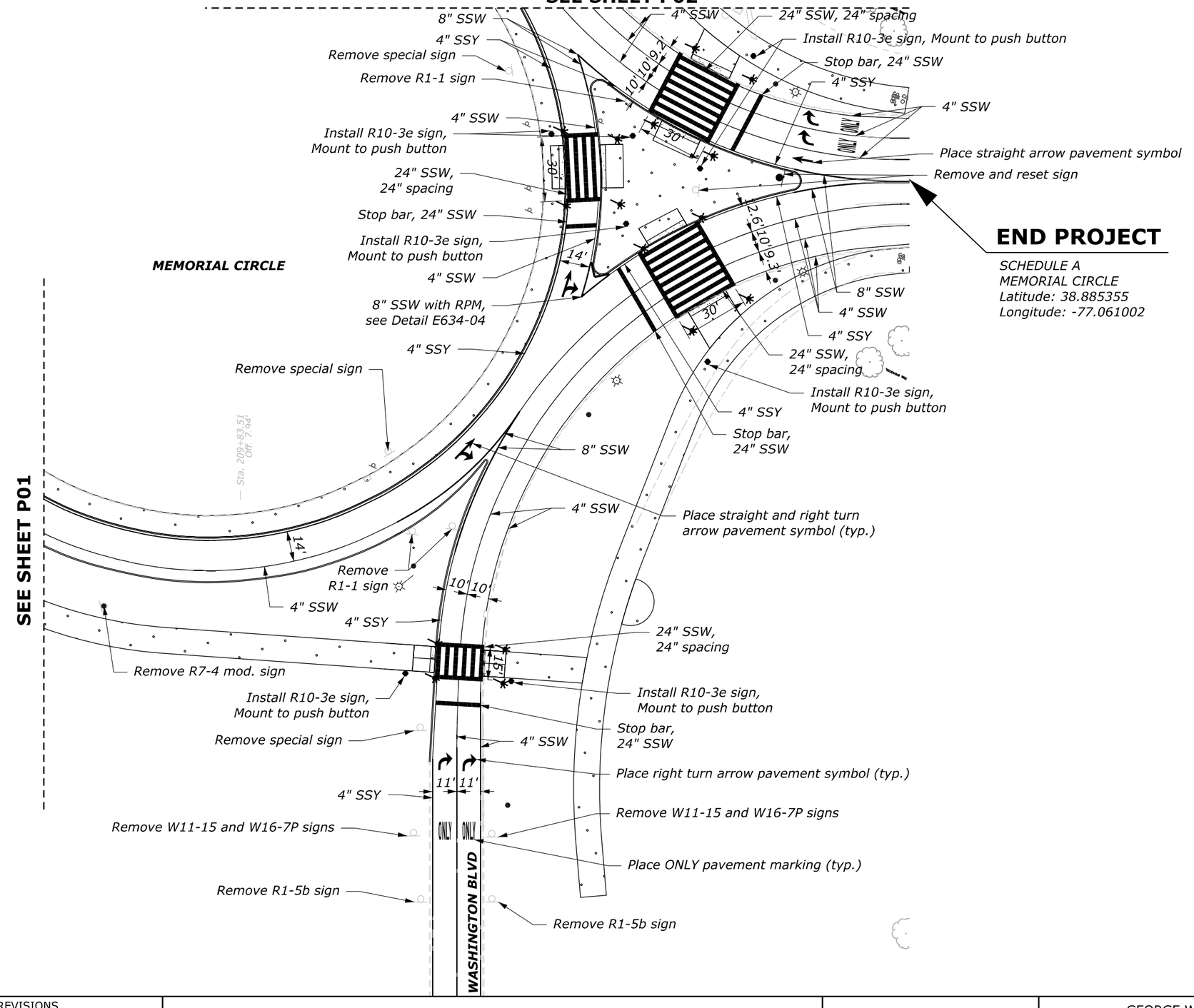
SEE SHEET P02



NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

0 25 50
SCALE IN FEET

GEORGE WASHINGTON MEMORIAL PARK

PAVEMENT MARKING AND SIGNING PLAN

21 May 2026 7:12 PM M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\P01-P03_Memorial Circle.dgn [P03 [SHEET]]

PROJECT	SHEET NUMBER
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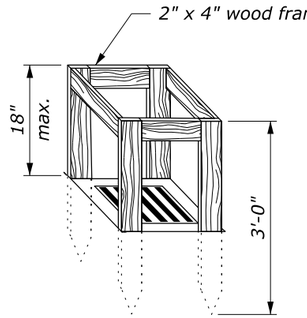
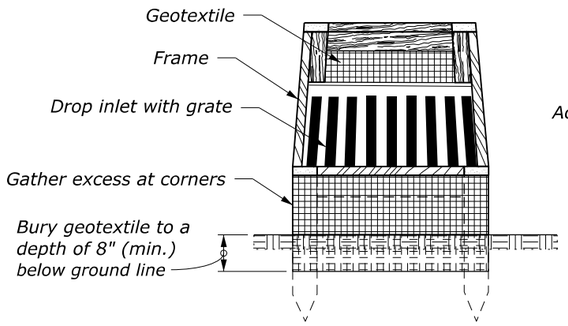
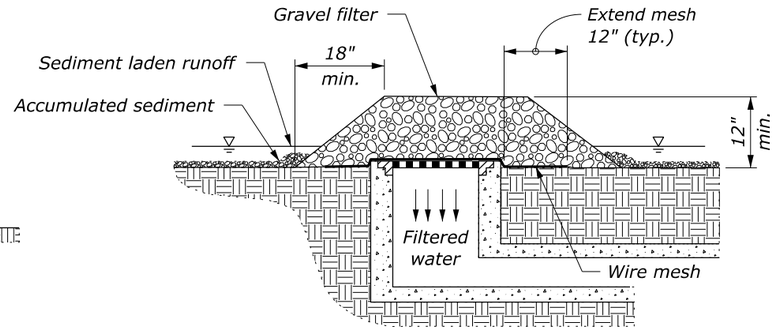




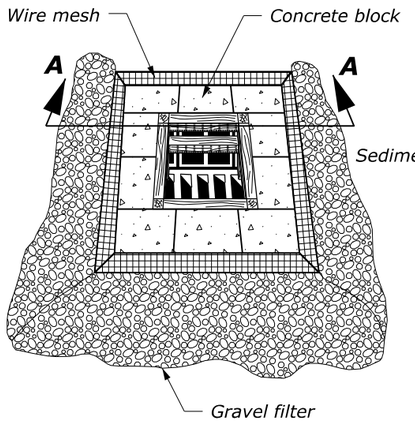
SILT FENCE DROP INLET PROTECTION (TYPE A)

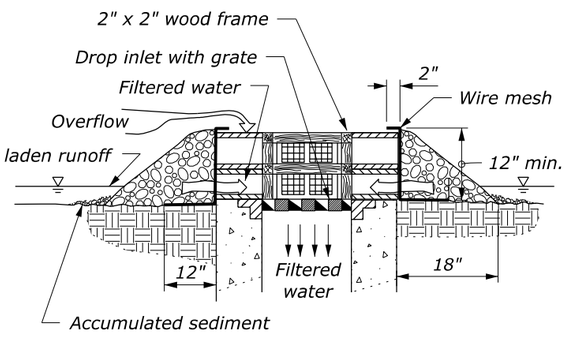


GRAVEL AND WIRE MESH DROP INLET PROTECTION (TYPE B)

NOTE:

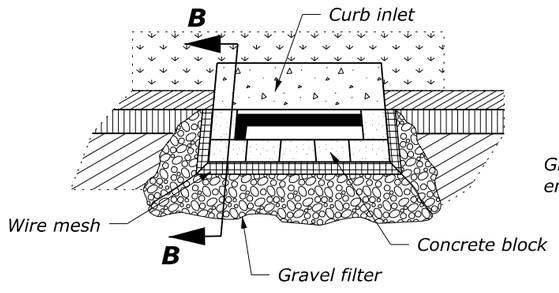
1. *For gravel filters use 2" to 3" diameter coarse aggregate.*
2. *Use wire mesh with ½" x ½" openings.*
3. *Use type A inlet protection in sump locations only.*
4. *Use type B inlet protection only in sump locations where heavy concentrated flows are not expected. Do not use where ponding around the structure might cause inconvenience or damage.*
5. *Provide silt fence drop inlet protection geotextile conforming to subsection 713.16(a).*

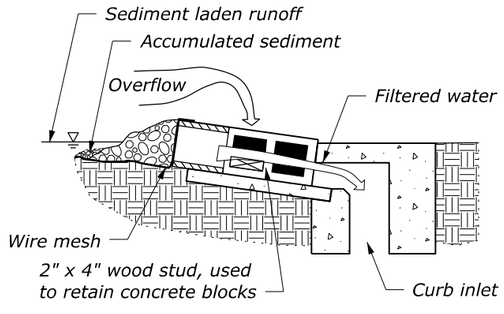




SECTION A-A

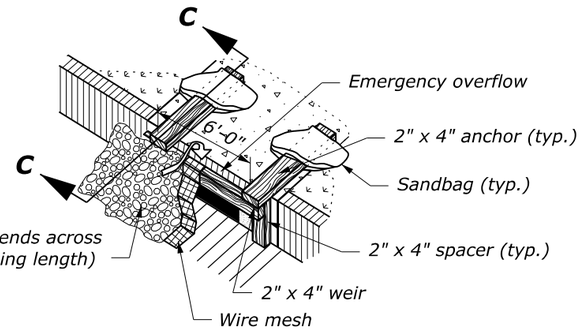
BLOCK AND GRAVEL DROP INLET PROTECTION (TYPE C)

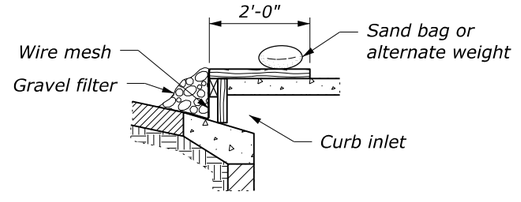




SECTION B-B

CURB INLET PROTECTION, BLOCK AND GRAVEL (TYPE D)





SECTION C-C

CURB INLET PROTECTION, WOODEN WEIR (TYPE E)

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	FLH STANDARD 157-2
TEMPORARY INLET PROTECTION	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 1/2024

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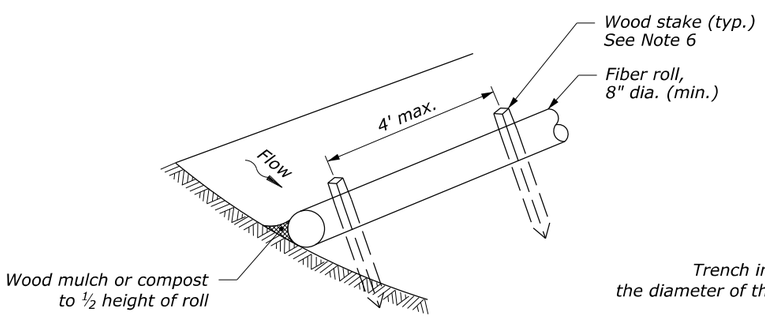
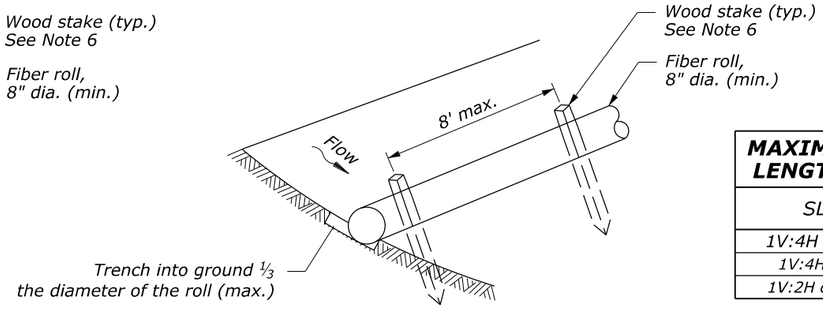
21 May 2026 1:49 PM

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S02



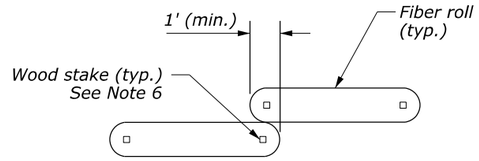
UNTRENCHED INSTALLATION



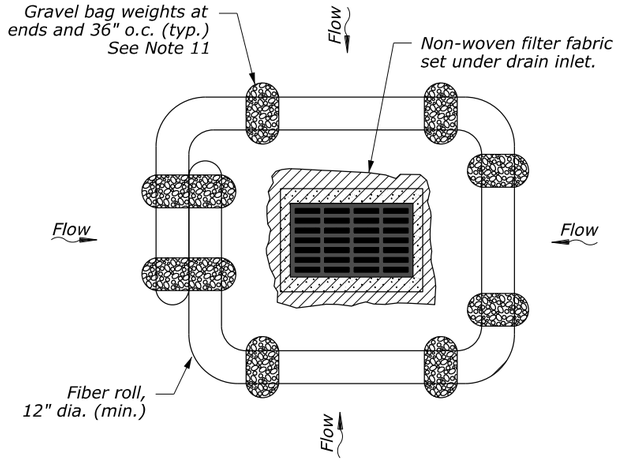
ENTRENCHED INSTALLATION

FIBER ROLL ISOMETRIC VIEW

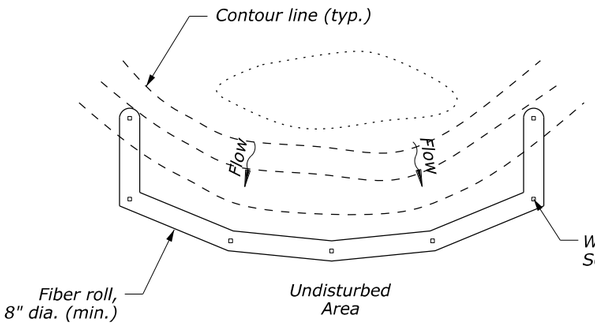
MAXIMUM ALLOWABLE SLOPE LENGTH ABOVE FIBER ROLLS	
SLOPE	MAX INTERVAL
1V:4H or Flatter	20 ft
1V:4H - 1V:2H	15 ft
1V:2H or Steeper	10 ft



FIBER ROLL OVERLAP



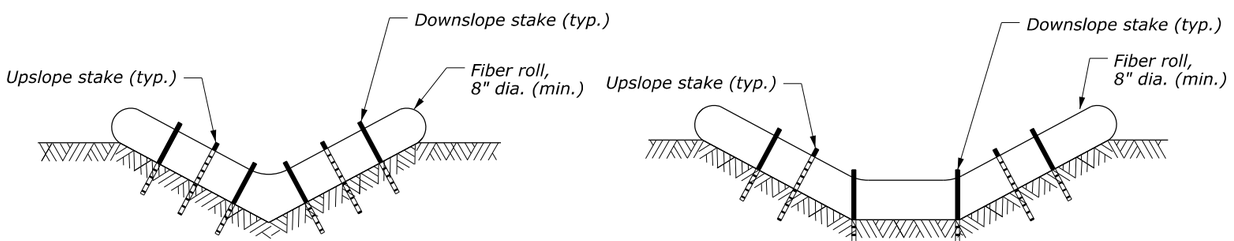
INLET PROTECTION



PLAN VIEW

NOTES:

1. *Provide fiber rolls meeting the requirements of Subsection 713.12.*
2. *Use fiber rolls with a minimum 8-inch diameter. For drain inlet protection, use fiber rolls with a minimum 12-inch diameter.*
3. *Prior to installation, clear all obstructions including rocks, clods, and debris greater than 1-inch that may interfere with proper function of the fiber roll.*
4. *For untrenched installation, blow or hand place mulch or compost on uphill side of the slope along the fiber roll.*
5. *Place fiber rolls on level grade and parallel to contours. Extend both ends of the fiber roll at least 8 feet upslope at 45 degrees to the main alignment.*
6. *Use wood stakes with a minimum nominal cross section of 2- by 2-inch and of sufficient length to attain a minimum of 12 inches into the ground and 3 inches protruding above the roll. Provide wood stakes meeting the requirements of Subsection 713.08(a).*
7. *When more than one fiber roll is needed, overlap ends 12 inches minimum and stake.*
8. *Remove sediment deposits when accumulation is one-half the height of the exposed fiber roll.*
9. *Replace biodegradable fiber rolls 6 months after installation and photodegradable fiber rolls 12 months after installation.*
10. *When fiber rolls are required on paved surfaces, use gravel bags to support them as shown on the inlet protection view.*
11. *Provide gravel bag weights meeting the requirements of Subsection 713.13.*

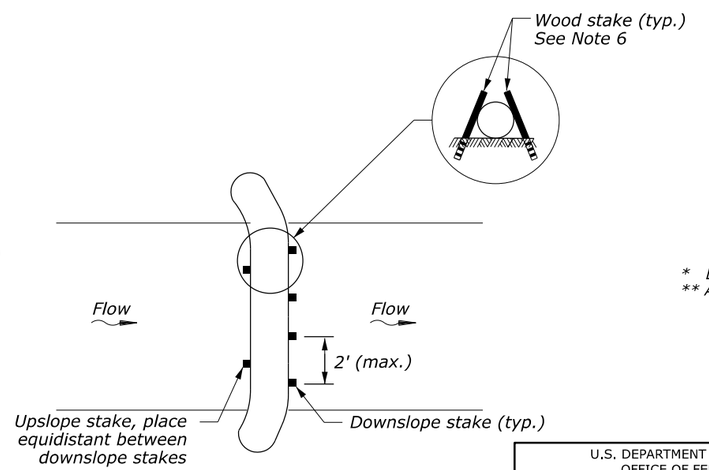


V-DITCH TRAPEZOIDAL DITCH

FIBER ROLL CHECK DAM CROSS-SECTIONS

FIBER ROLL CHECK DAM SPACING TABLE		
DITCH GRADE *	CHECK DAM SPACING (S)**	
	8" HIGH	12" HIGH
2%	33'	50'
3%	22'	33'
4%	16'	25'
5%	13'	20'

* Do not install check dams on grades below 2%
** Adjust spacing as approved based on site conditions



FIBER ROLL CHECK DAM PLAN VIEW

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E157-04
FIBER ROLL	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 05/2024

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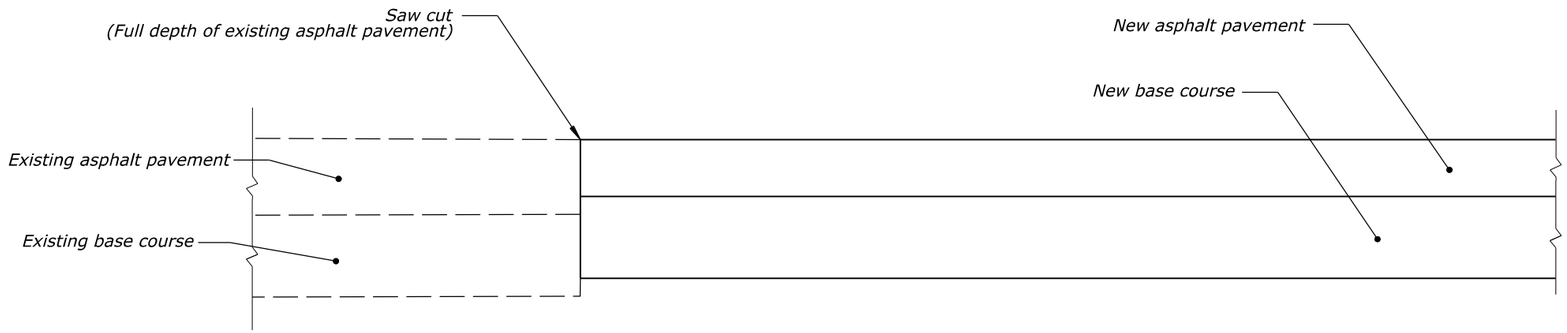
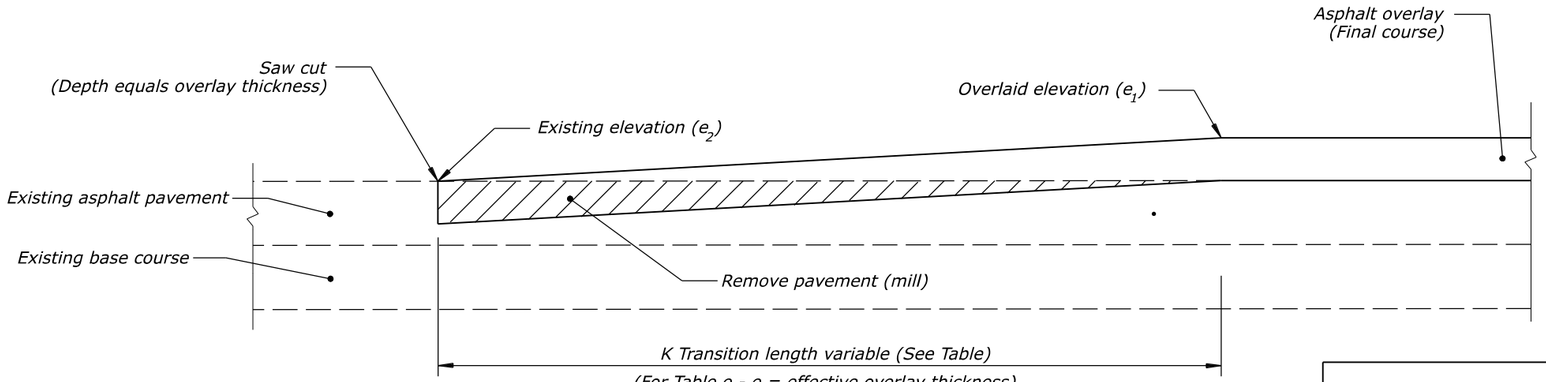
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S03



NEW PAVEMENT



OVERLAY

NOTE:

Provide a transition length in feet that is not less than the value obtained by multiplying the effective overlay thickness in inches (difference between the existing and overlaid elevations) by the K value from the Table for the posted speed of the roadway.

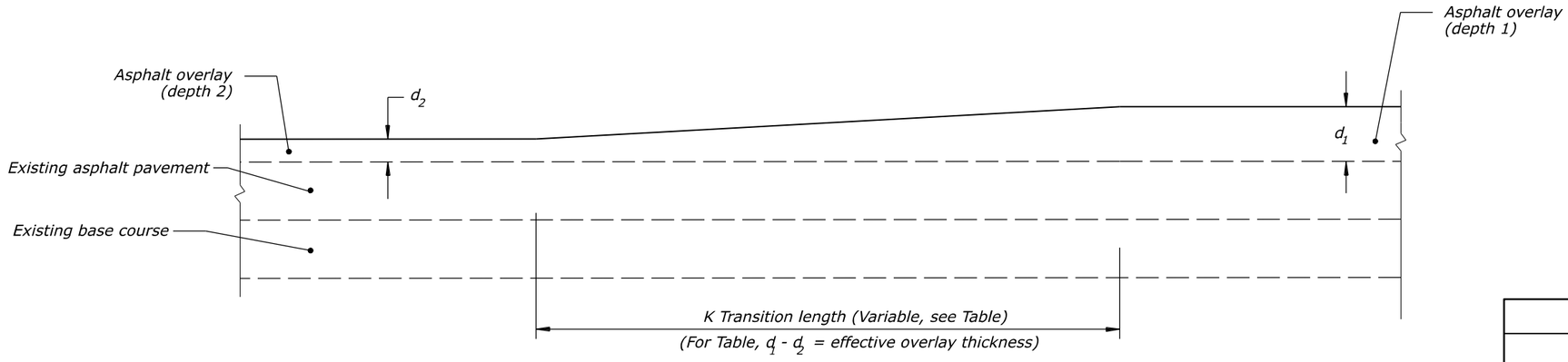
Use $K*[e_1 - e_2] = T$, or $K*[d_1 - d_2] = T$ (whichever applies), to obtain the transition length. (Minimum transition length=30 feet)

Example :
If the posted speed is 55 MPH
Effective overlay thickness = 2 inches
Then the minimum transition length =
2 inches x 42.5 ft./in. = 85 feet.

K VALUE TABLE (ft/in)

POSTED SPEED (MPH) *	30	35	40	45	50	55	60	65	70	75
K	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5

* Use a K Value of 30 for speeds less than 30 MPH.



OVERLAY - DEPTH TRANSITIONS

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

PAVEMENT TRANSITIONS

EFLHD DETAIL	E401-01
SPECIFICATION	FP-24, FP-14
APPROVED FOR USE	05/2024

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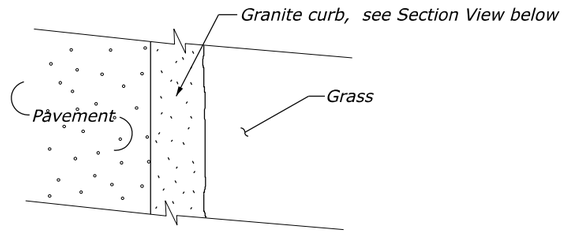
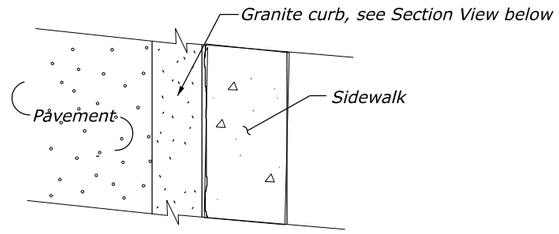
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S04

NOTE:

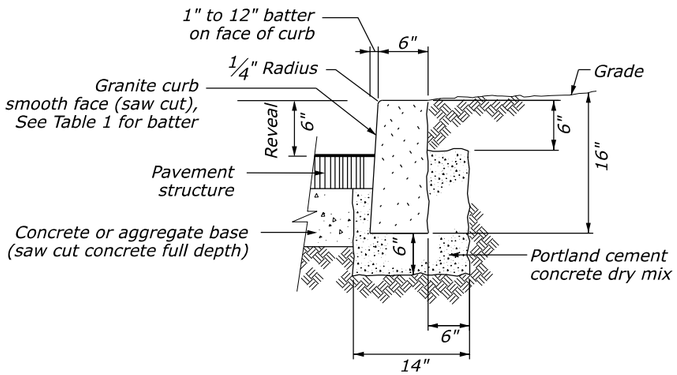
Place transverse expansion joints at intervals of not more than 60 feet for curbs and sidewalks.



PLAN VIEW

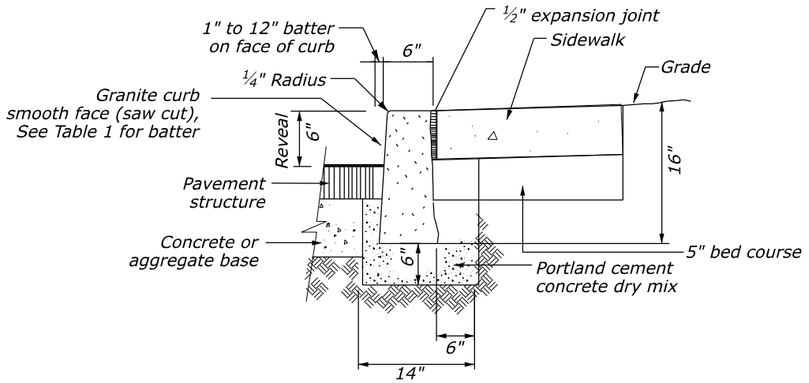


PLAN VIEW



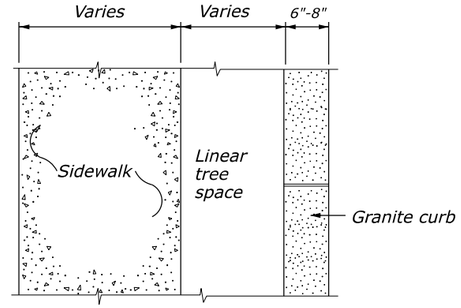
SECTION VIEW

STONE CURB TYPE 1, 16" DEPTH (GRANITE TYPE A OR B) (WITHOUT SIDEWALK)



SECTION VIEW

STONE CURB TYPE 1, 16" DEPTH (GRANITE TYPE A OR B) (WITH SIDEWALK)



PLAN VIEW

STONE CURB TYPE 1, 16" DEPTH (GRANITE TYPE A OR B) (WITH SIDEWALK AND LINEAR TREE SPACE)

TABLE 1

BATTER FOR GRANITE CURB	
TYPE	**BATTER (H:V)**
A	1:12
B	3/4:10

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

GRANITE CURBS

EFLHD DETAIL
E609-02

SPECIFICATION
FP-24. FP-14

APPROVED FOR USE
05/2024

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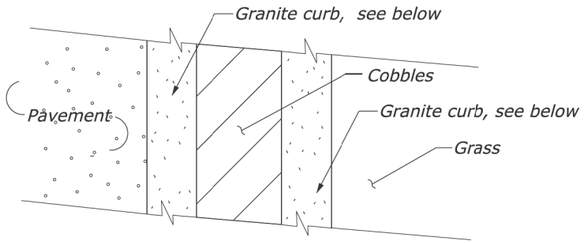
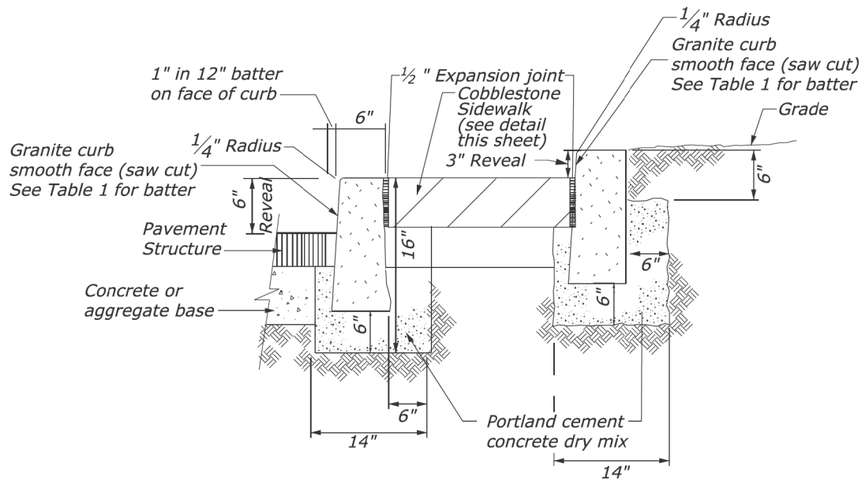
21 May 2026 2:31 PM

NPS PMIS No. XXXXXX NPS Drwg No. XXX/XXXXXX

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S05



PLAN



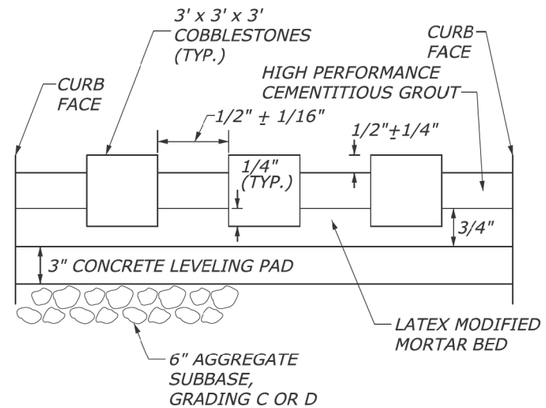
SECTION

(WITH COBBLES)

STONE CURB TYPE 1, 16" DEPTH (GRANITE TYPE A OR B)

NOTE:

Place transverse expansion joints at intervals of not more than 60 feet for curbs and sidewalks.



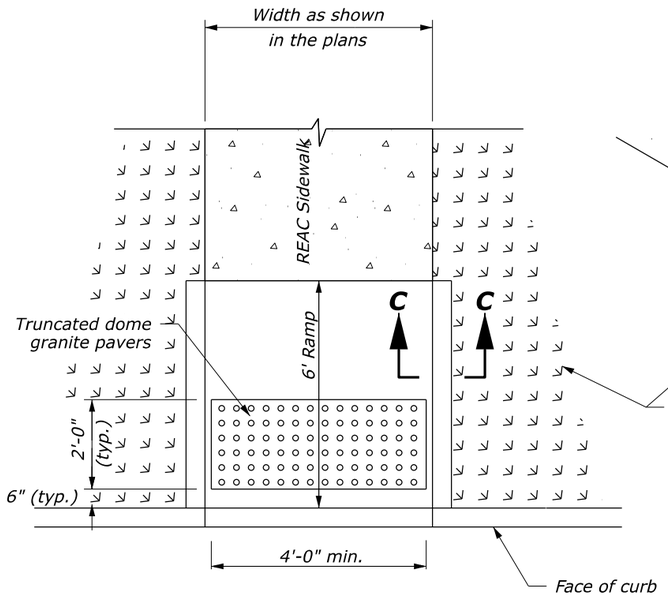
COBBLESTONE SIDEWALK DETAIL (NTS)

NO SCALE

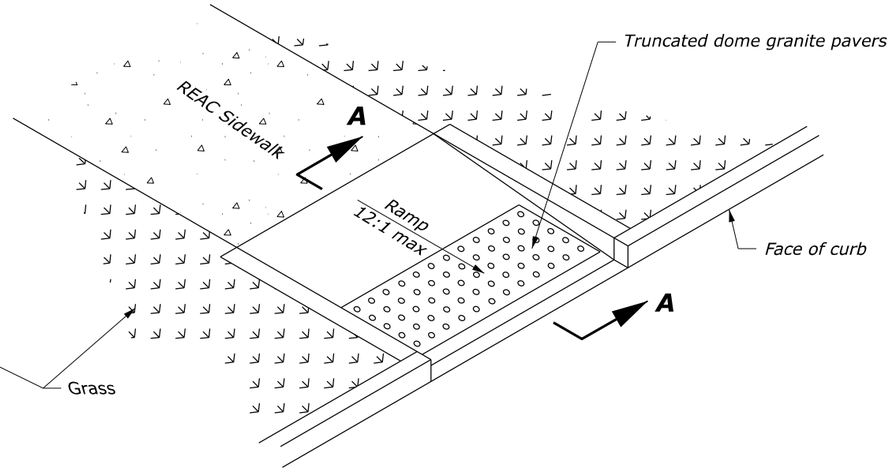
U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E609-02A
EXPOSED AGGREGATE CONCRETE SIDEWALK	

M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\Std-Det\E609-02A_Granite Curb w Cobbles.dgn [Sheet]
21 May 2026 2:32 PM

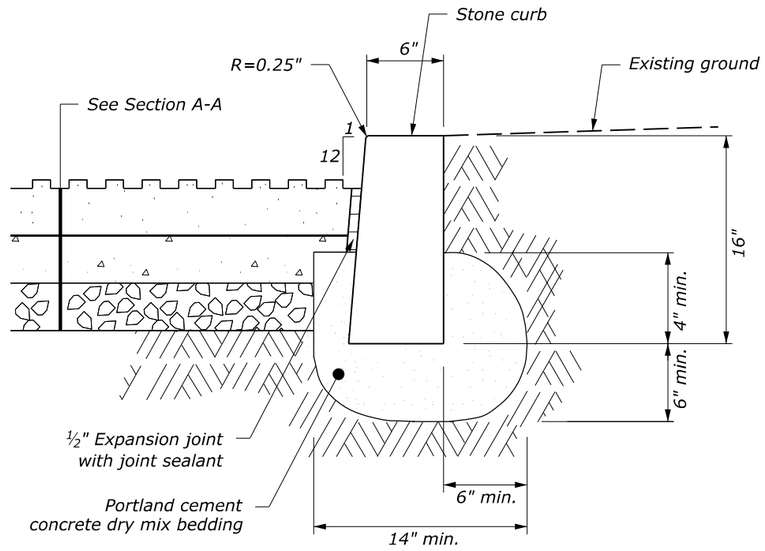
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S06



PLAN VIEW

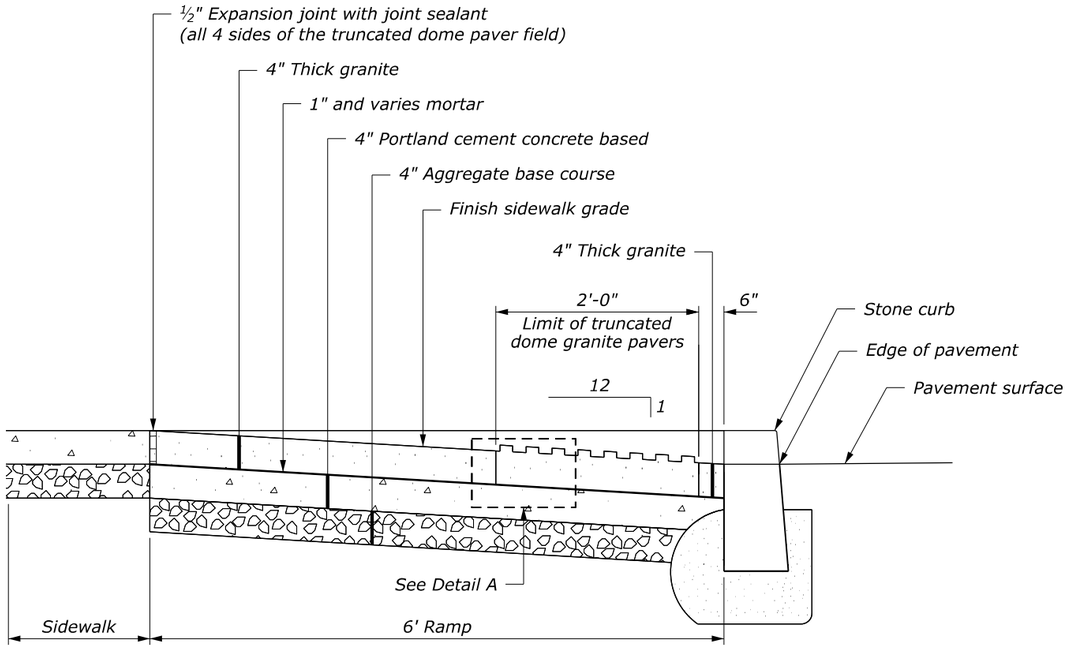


ISOMETRIC VIEW

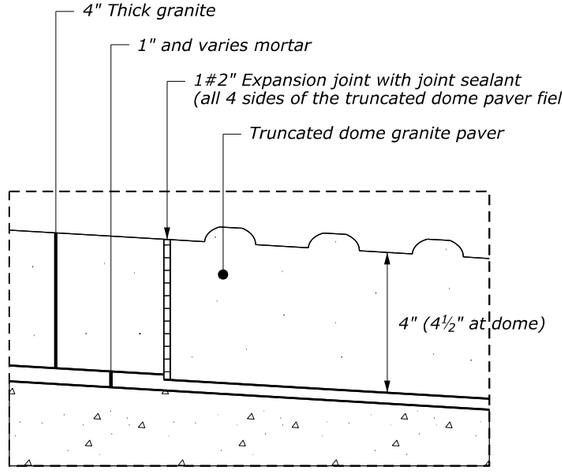


SECTION C-C

TYPE C RAMP

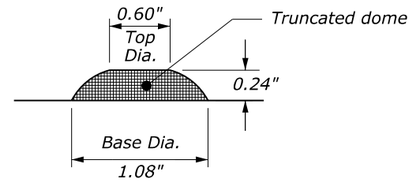


SECTION A-A

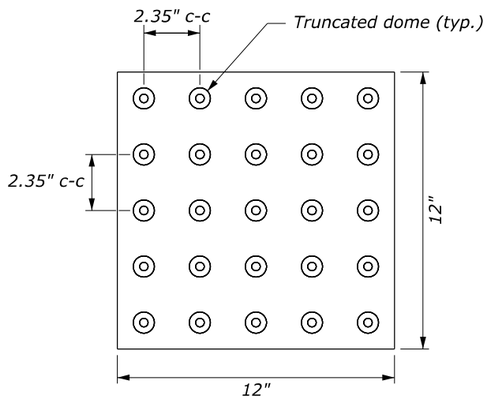


DETAIL A

NO SCALE



ELEVATION VIEW



PLAN VIEW

TRUNCATED DOMES PAVERS

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E610-A
STONE ACCESSIBILITY RAMP CURB RETURN	

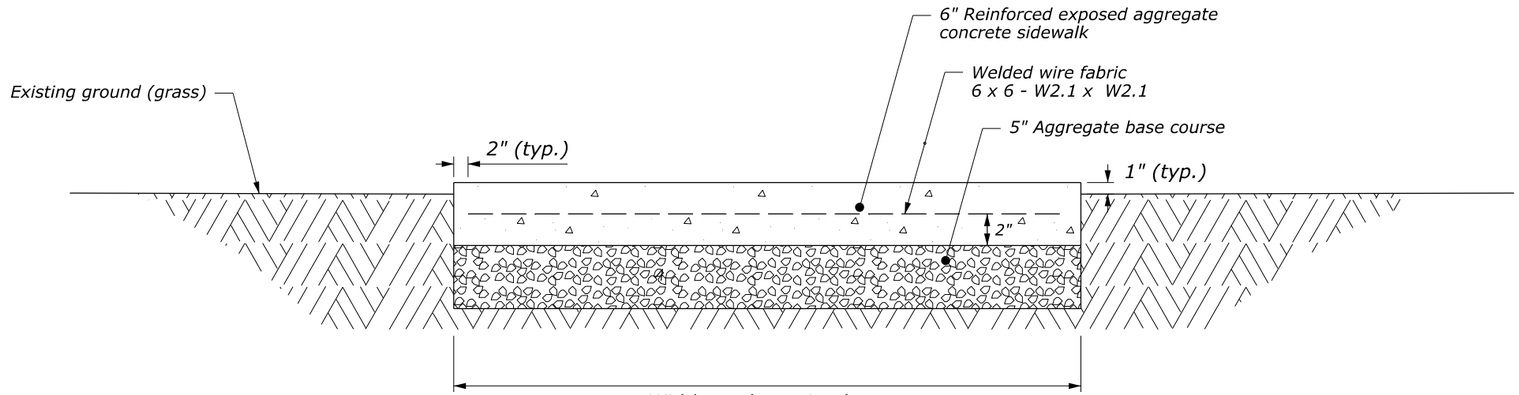
M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\Std-Det\std610A_AccessibilityTyp-Ramp.dgn [615-A]

21 May 2026 2:40 PM

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S07

NOTES:

1. *Place 1/2-inch transverse expansion joints as directed.*
2. *Place 1/4-inch wide dummy joints to match the adjacent curb or at intervals equal to the width as directed. Place dummy joints to 1/3-inch depth of the sidewalk.*
3. *Finish sidewalks according to Subsection 615.04(b).*
4. *Place construction joints around all structures in the sidewalk.*
5. *Place welded wire fabric on chairs.*



SIDEWALK WITHOUT CURB

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E610-B
EXPOSED AGGREGATE CONCRETE SIDEWALK	

M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\Std-Det\st610B_Exp-Aggregate-Sidewalk.dgn [Sheet]
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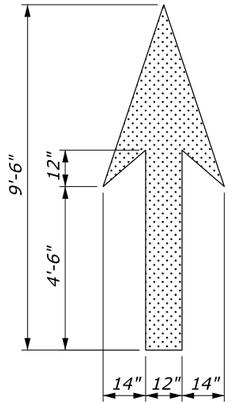
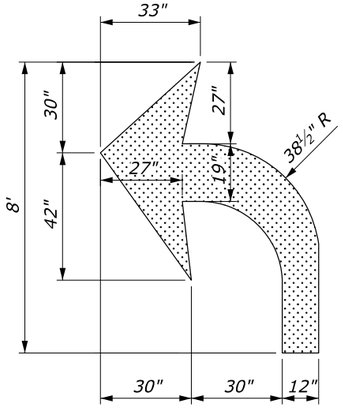
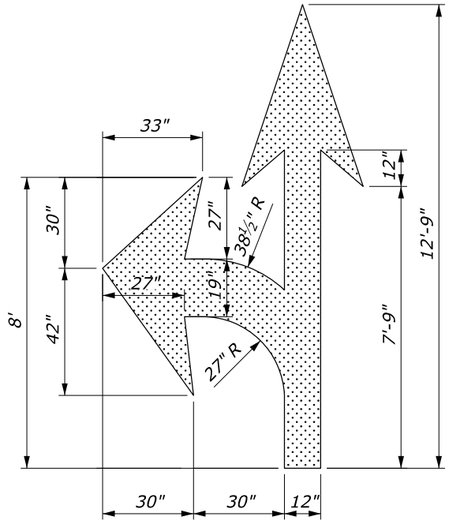
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S08



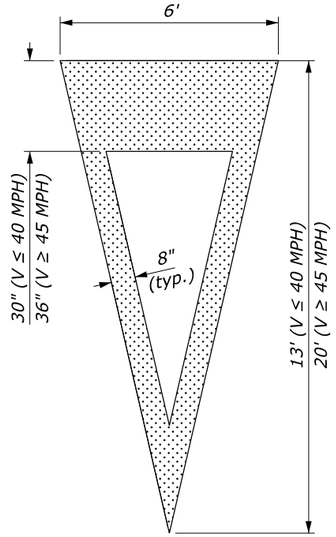
STRAIGHT ARROW SYMBOL



TURN ARROW SYMBOL



STRAIGHT/TURN ARROW COMBINATION SYMBOL

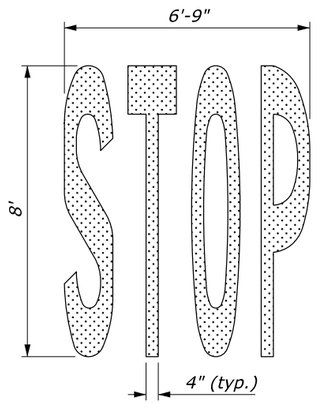


YIELD AHEAD TRIANGLE SYMBOL

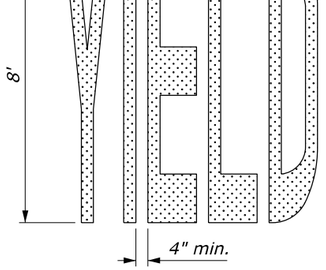
NOTES:

1. Place pavement word and symbol markings in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. Place all letters, numerals, and symbols in accordance with the "Standard Highway Signs", latest edition.
3. Provide Accessibility Symbol marking as indicated in the plans or directed otherwise by the CO in one of the following configurations:

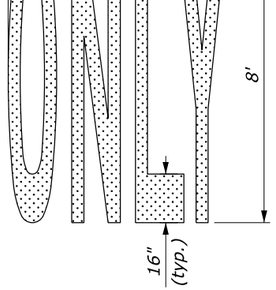
   (a) w/ Symbol only; or
   (b) w/ Symbol, blue background, and white border



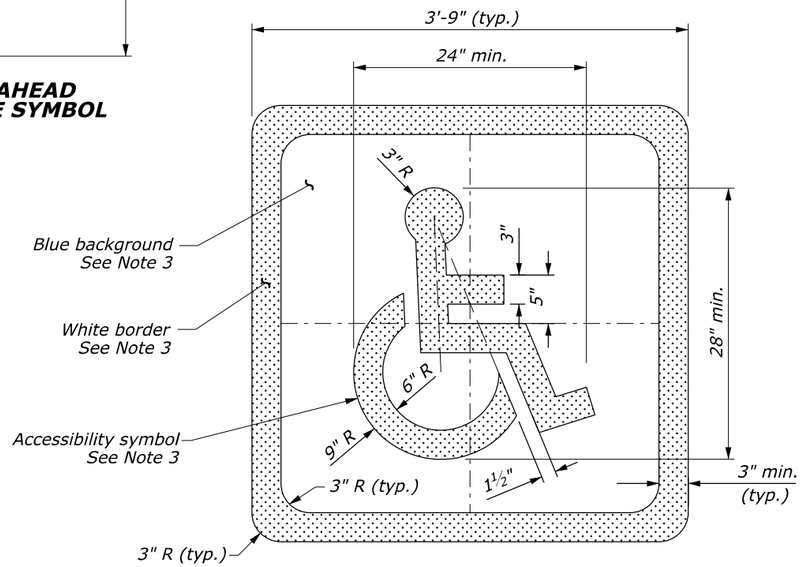
"STOP" WORD MESSAGE

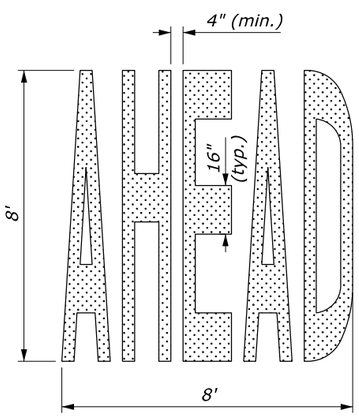


"YIELD" WORD MESSAGE

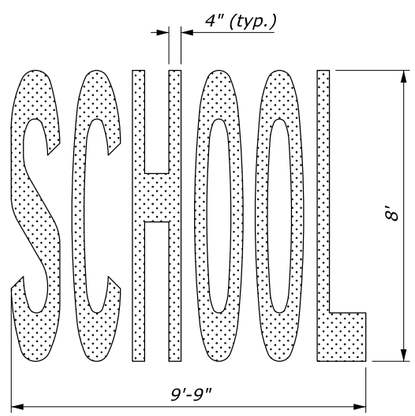


"ONLY" WORD MESSAGE





"AHEAD" WORD MESSAGE



"SCHOOL" WORD MESSAGE

PAVEMENT MARKING AREAS	
TYPE	*SQFT*
Accessibility Symbol:	--
w/ Symbol only	2
w/ Symbol, blue background, and white border	16
Straight Arrow Symbol	12
Straight/Turn Arrow Combination Symbol	26
Turn Arrow Symbol	16
Yield Ahead Triangle Symbol (V<45 mph)	26
Yield Ahead Triangle Symbol (V≥45 mph)	37
"AHEAD" Word Message Marking	30
"ONLY" Word Message Marking	21
"SCHOOL" Word Message Marking	33
"STOP" Word Message Marking	22
"YIELD" Word Message Marking	24

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

PAVEMENT MARKINGS SYMBOLS AND WORDS

EFLHD DETAIL
E634-01

SPECIFICATION
FP-24, FP-14

APPROVED FOR USE
06/2024

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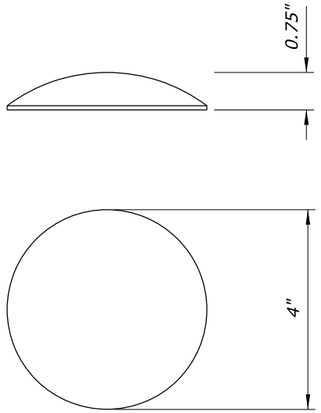
21 May 2026 2:33 PM

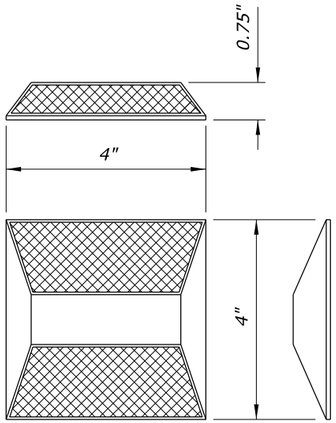
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S09

NOTES:

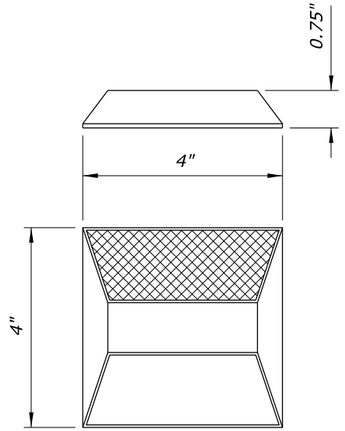
1. *Provide reflective markers with either clear (white), yellow or red colors as specified.*
2. *Ensure the shell of the marker is made of one color or a combination of colors the same as the reflector.*



NON-REFLECTIVE

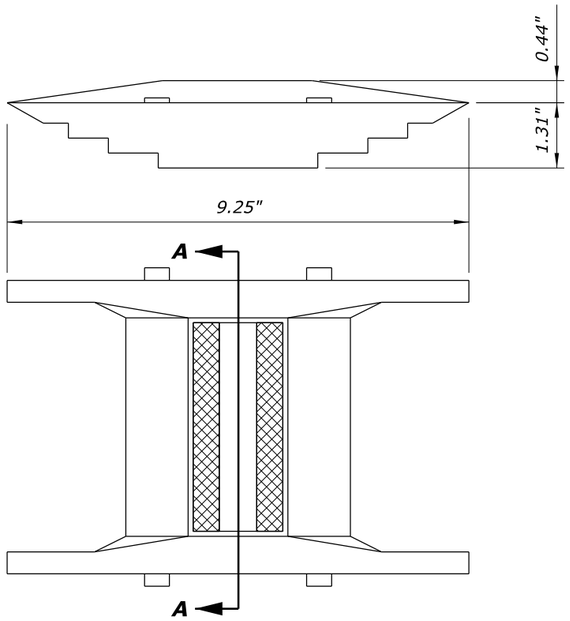


BI-DIRECTIONAL

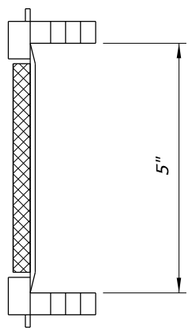


MONO-DIRECTIONAL

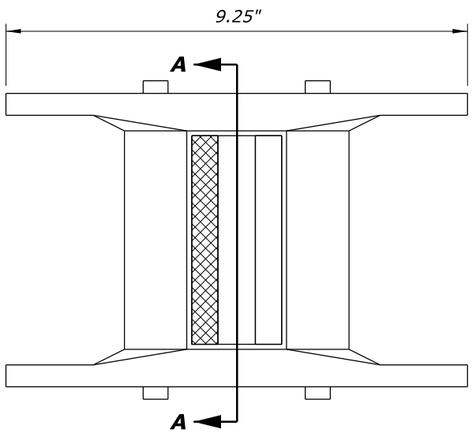
NON-PLOWABLE PAVEMENT MARKERS



BI-DIRECTIONAL



SECTION A-A



MONO-DIRECTIONAL

LEGEND:

Reflective material

PLOWABLE PAVEMENT MARKERS

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E634-02
RAISED PAVEMENT MARKERS	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 06/2024

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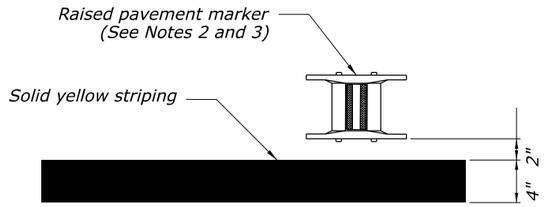
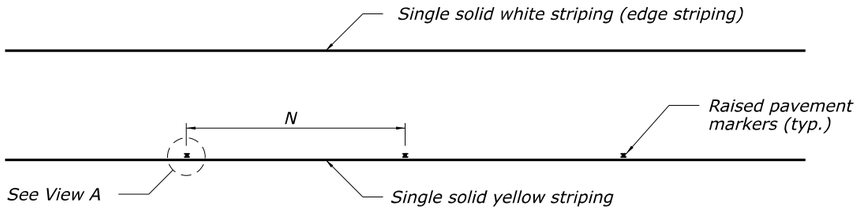
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S10



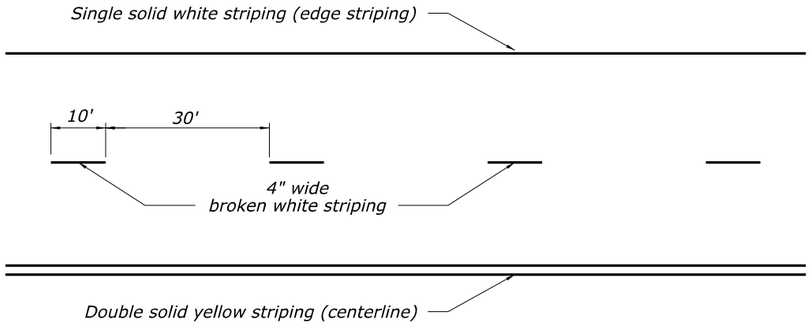
VIEW A



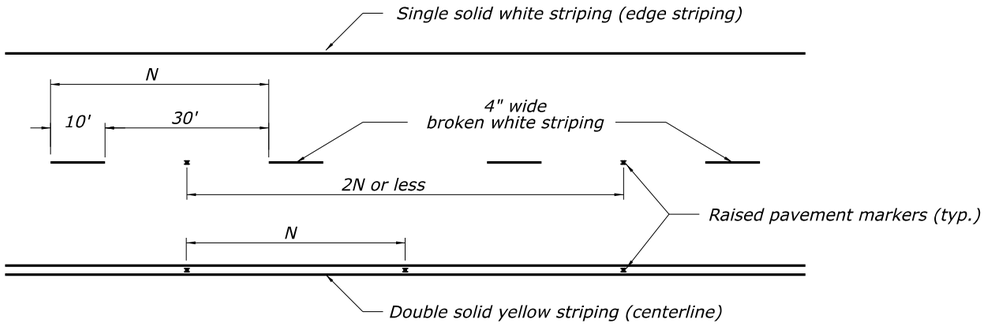
**SINGLE SOLID YELLOW STRIPING
WITH RAISED PAVEMENT MARKERS**

NOTES:

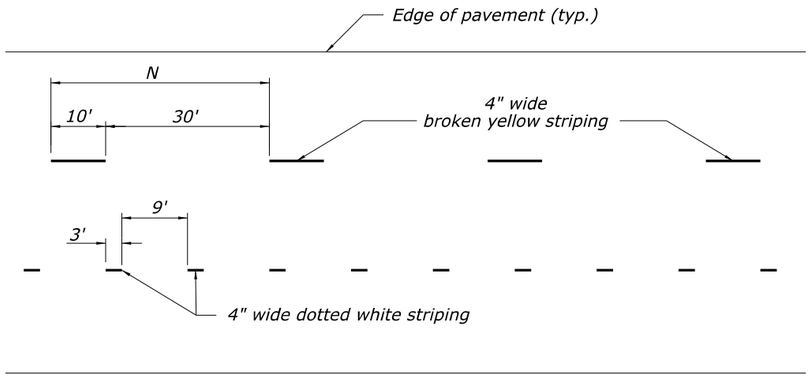
1. Install striping in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. When raised pavement markers are required, space and install in accordance with the MUTCD and as shown in this Detail or as directed.
3. When raised pavement markers are required, see Detail E634-02.



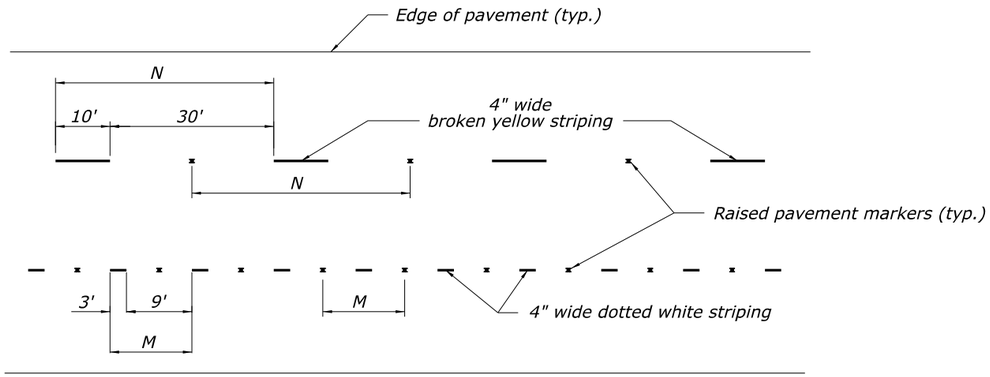
**BROKEN SINGLE WHITE AND
DOUBLE SOLID YELLOW STRIPING**



**BROKEN SINGLE WHITE AND
DOUBLE SOLID YELLOW STRIPING
WITH RAISED PAVEMENT MARKERS**



**BROKEN SINGLE YELLOW AND
DOTTED WHITE STRIPING**



**BROKEN SINGLE YELLOW AND
DOTTED WHITE STRIPING
WITH RAISED PAVEMENT MARKERS**

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

PAVEMENT MARKINGS WITH AND WITHOUT RAISED PAVEMENT MARKERS

EFLHD DETAIL	SPECIFICATION	APPROVED FOR USE
E634-03	FP-24, FP-14	06/2024

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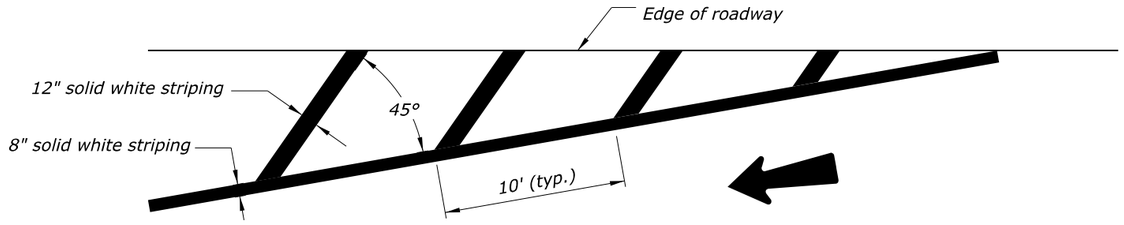
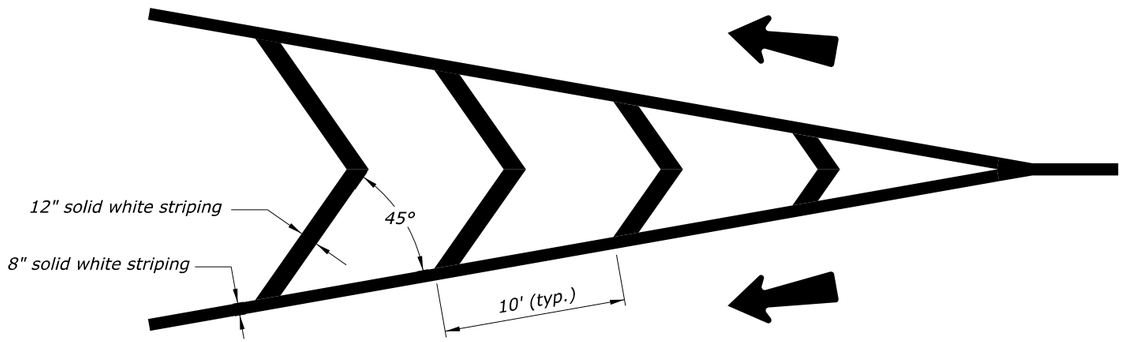
21 May 2026 2:33 PM

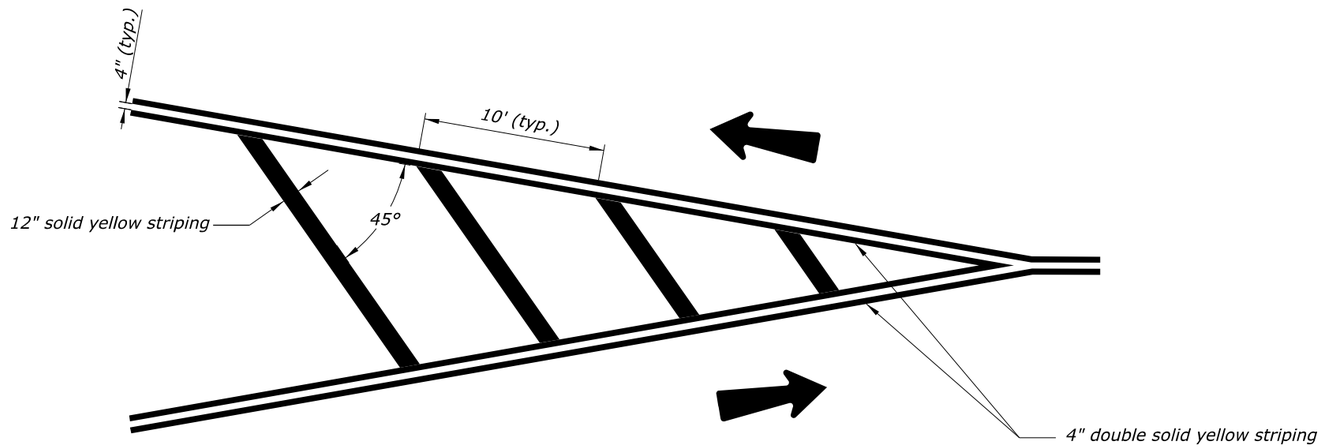
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S11



ONE-WAY TRAFFIC, LANE SHIFT



ONE-WAY TWO-LANE TRAFFIC, LANES SEPARATE



TWO-WAY TWO-LANE TRAFFIC, LANES SEPARATE

NO SCALE

NOTES:

1. Install striping in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.
2. Typical pavement marking widths are shown. Use wider pavement markings when specified in the plans or as directed.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

PAVEMENT MARKINGS IN NEUTRAL AREAS

EFLHD DETAIL	SPECIFICATION	APPROVED FOR USE
E634-04	FP-24, FP-14	06/2024

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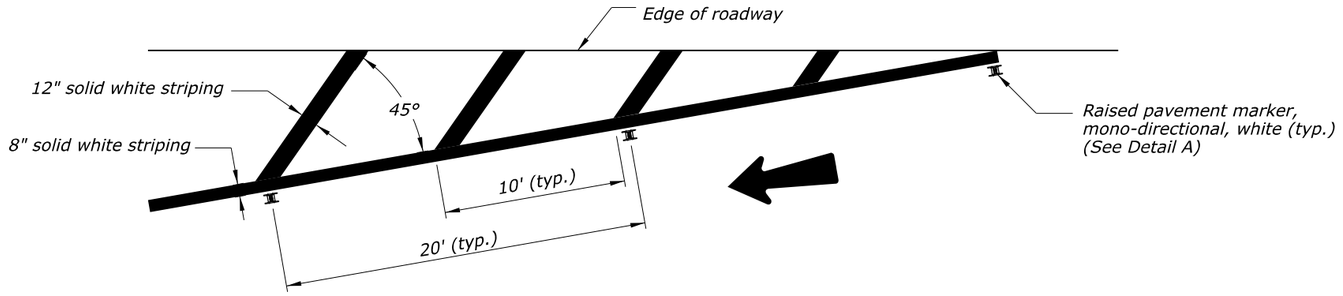
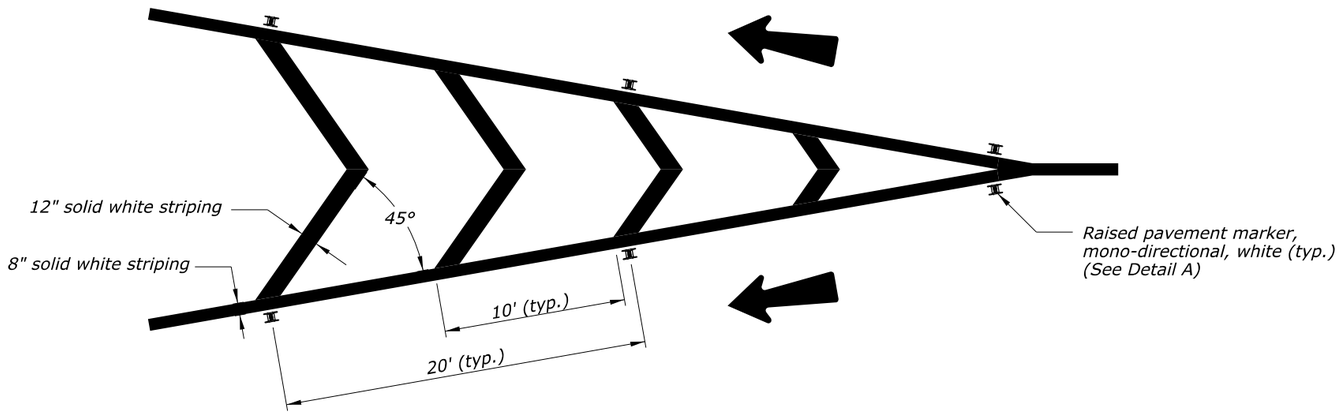
21 May 2026 2:34 PM

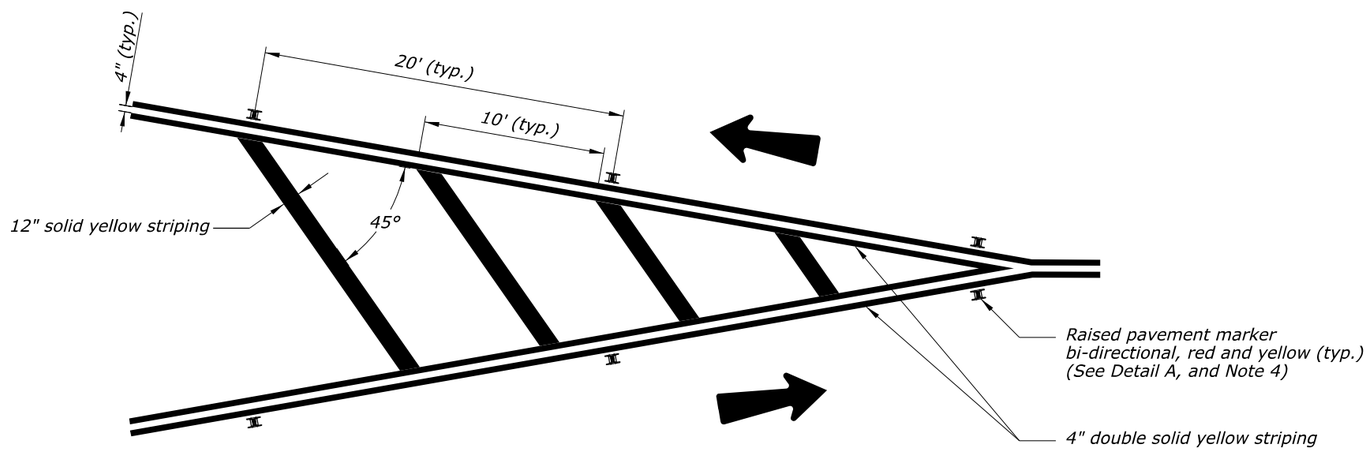
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S12



ONE-WAY TRAFFIC, LANE SHIFT



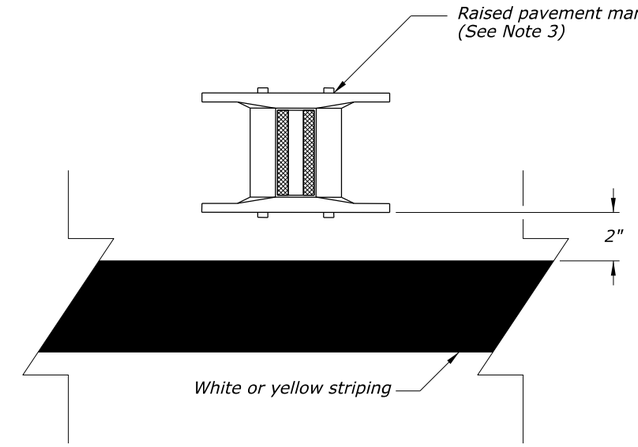
ONE-WAY TWO-LANE TRAFFIC, LANES SEPARATE



TWO-WAY TWO-LANE TRAFFIC, LANES SEPARATE

NOTES:

1. *Install striping in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.*
2. *Typical pavement marking widths are shown. Use wider pavement markings when specified in the plans or as directed.*
3. *Space and install raised pavement markers (RPMs) in accordance with the MUTCD, latest edition, and as shown or as directed.*
4. *Detail A shows plowable RPM only; the same positioning applies to non-plowable RPMs. See Detail E634-02 for RPM details.*
5. *Install bi-directional RPMs so that the yellow reflective side is facing the traffic flow and the red reflective side is facing the opposing traffic.*



DETAIL A

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E634-04
PAVEMENT MARKINGS IN NEUTRAL AREAS WITH RAISED PAVEMENT MARKERS	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 06/2024

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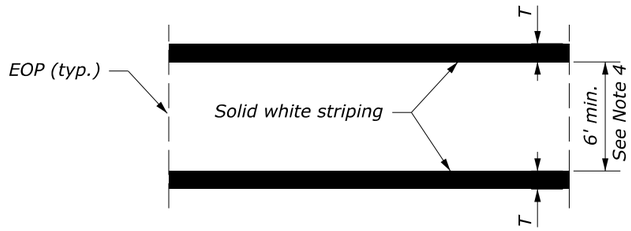
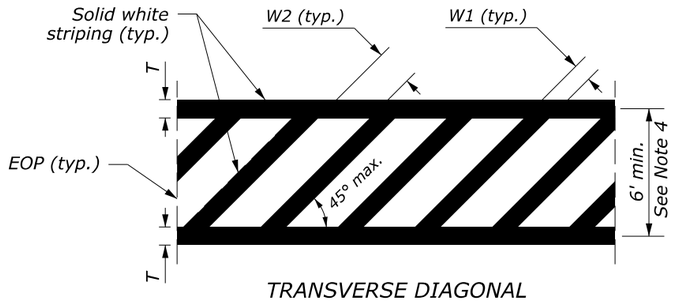
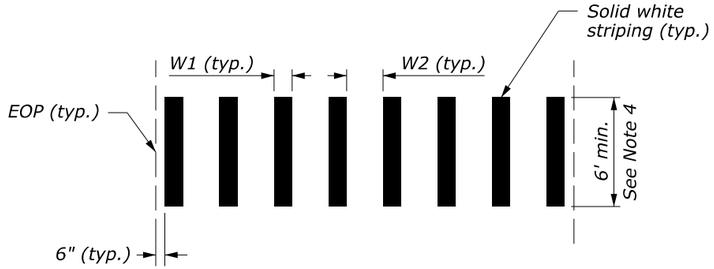
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S13



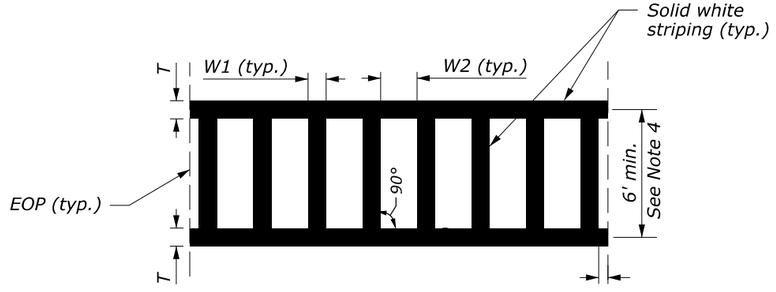
TRANSVERSE



TRANSVERSE DIAGONAL
See Note 3



LONGITUDINAL BAR



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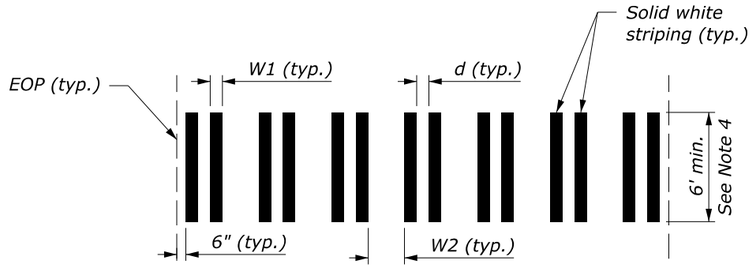

BAR PAIR

TYPICAL CROSSWALK LAYOUTS

NOTES:

1. *Install striping and signing in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.*
2. *For longitudinal bar, bar pair, and ladder crosswalk layouts, space line bars to avoid wheel path as shown in the plans or as approved.*
3. *Use transverse diagonal crosswalk layout only at locations with complex roadway geometry where rotated interior longitudinal bars are needed to remain parallel to approaching traffic.*
4. *At non-intersection crosswalk where the posted speed limit is 40 MPH or greater, provide a minimum crosswalk width of 8 feet unless otherwise specified in the plans.*

CROSSWALK STRIPING DIMENSIONS TABLE

CROSSWALK TYPE	W1		W2*		T		d	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Transverse					6"	24"		
Longitudinal Bar	12"	24"	12"	60"				
Longitudinal Bar Pair	8"	12"	24"	60"			8"	12"
Ladder		24"		24"	6"	24"		
Transverse Diagonal	12"	24"	12"	60"	6"	24"		

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

PAVEMENT MARKINGS
PEDESTRIAN CROSSWALK
SHEET 1 of 2

EFLHD DETAIL
E634-06A

SPECIFICATION
FP-24, FP-14

APPROVED FOR USE
06/2024

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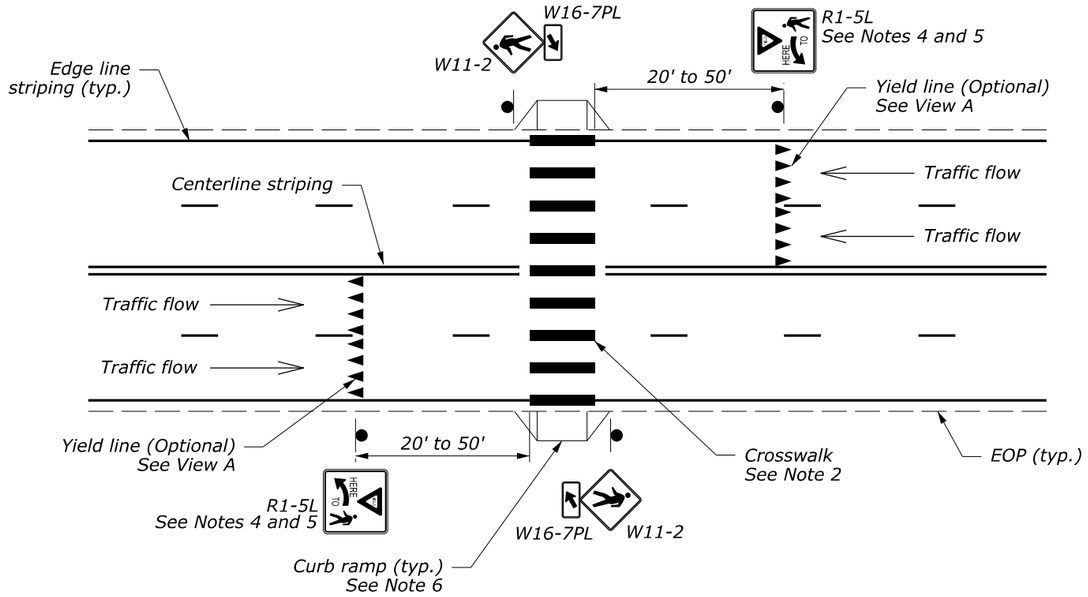
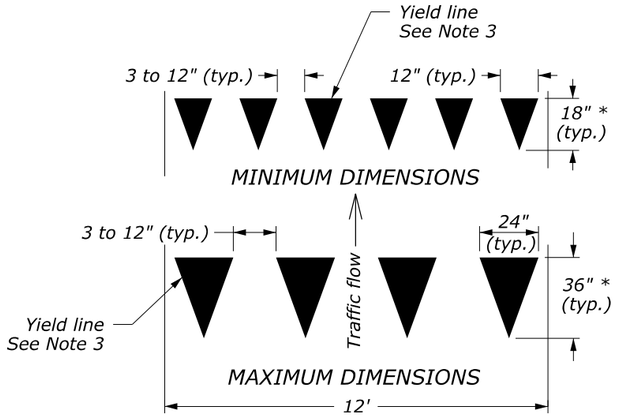


TWO-WAY ROADWAY

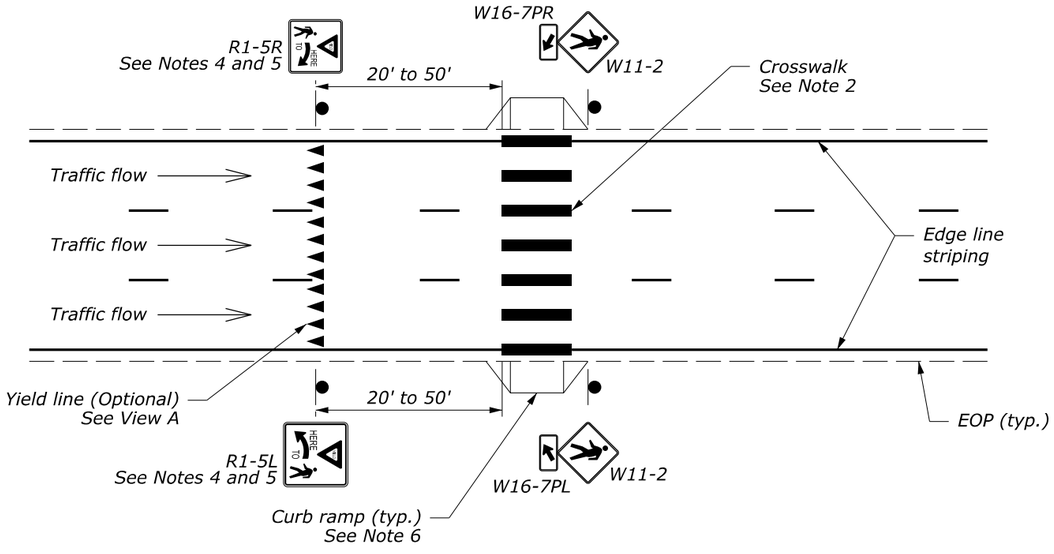


VIEW A - YIELD LINE LAYOUTS

* *Ensure triangle height for yield lines is equal to 1.5 times the base dimension.*

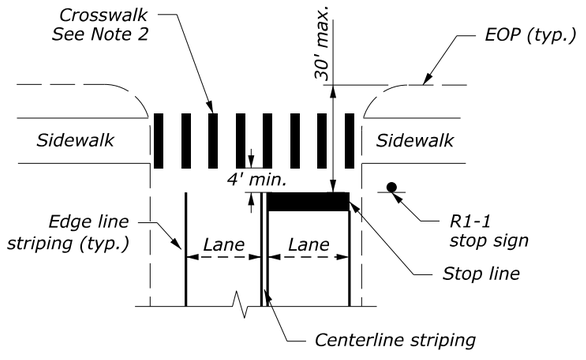
NOTES:

1. *Install striping and signing in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD), latest edition.*
2. *Longitudinal bar crosswalk layout is used for illustration purposes only. Refer to the plans for project crosswalk layout and actual striping dimensions. See Sheet 1 of 2 for typical crosswalk layouts.*
3. *Smaller than shown yield lines may be used when installed on narrower, slow-speed facilities as approved.*
4. *If Stop Here for Pedestrians signs (R1-5b or R1-5c) are used instead of Yield Here to Pedestrians signs (R1-5 or R1-5a), use stop lines instead of yield lines.*
5. *The In-Street Pedestrian Crossing (R1-6 or R1-6a) sign may be used to remind road users of laws regulating right-of-way at an unsignalized pedestrian crosswalk according to the latest edition of the MUTCD as approved.*
6. *When curb ramps are present, ensure that crosswalk markings are located so that the curb ramps are within the extension of the crosswalk markings.*



ONE-WAY ROADWAY

HIGH-VISIBILITY CROSSWALK AT UNSIGNALIZED MIDBLOCK



STANDARD CROSSWALK AT INTERSECTION

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E634-06A
PAVEMENT MARKINGS PEDESTRIAN CROSSWALK SHEET 2 of 2	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 06/2024

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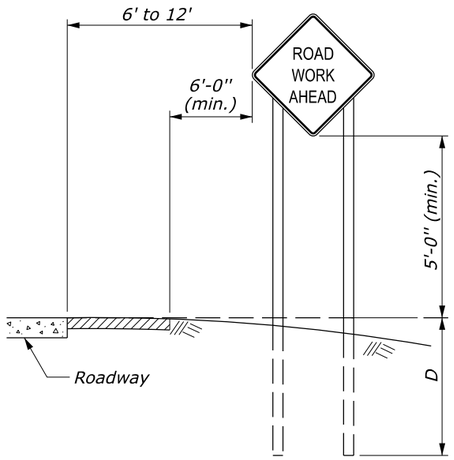
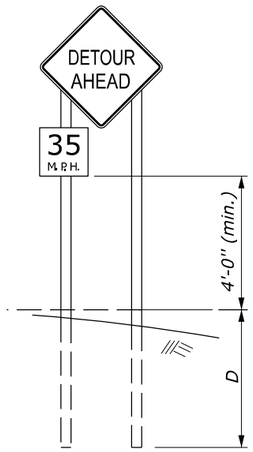
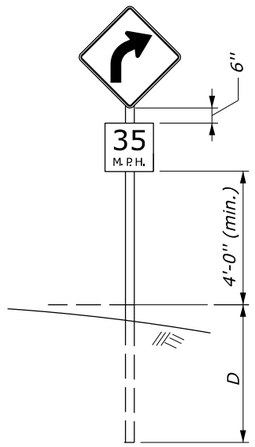
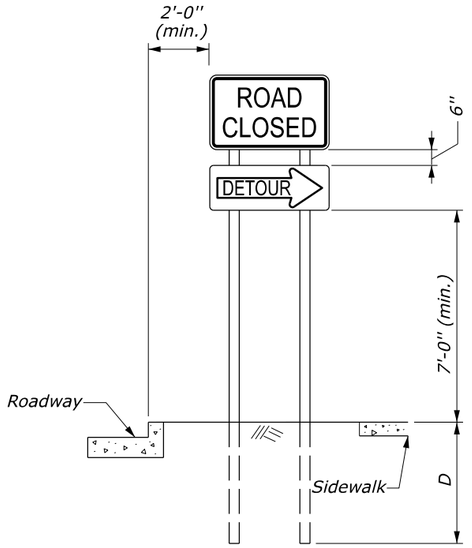
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S15







RURAL AREA

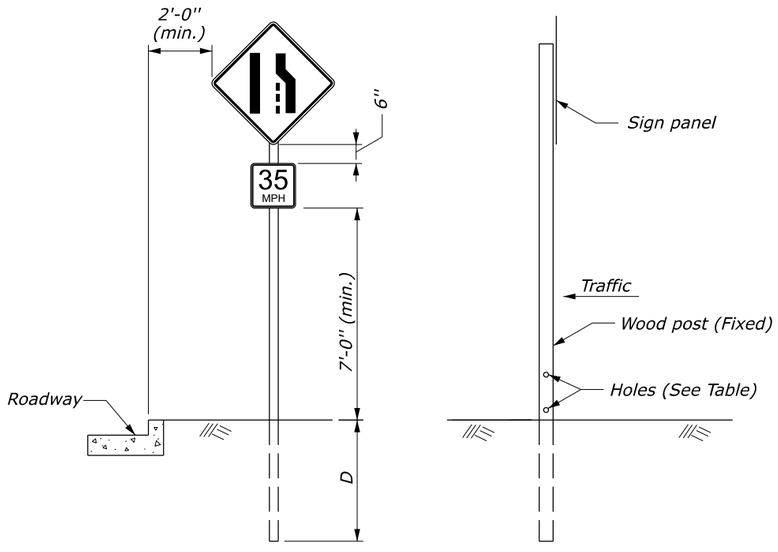


URBAN AREA

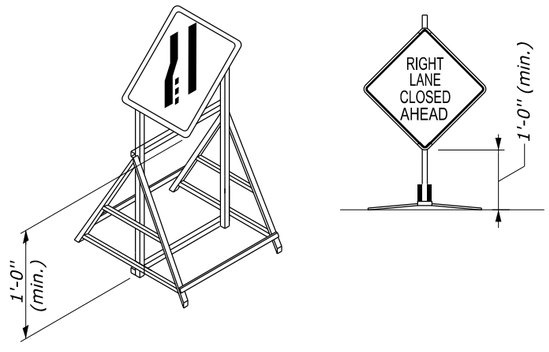
FIXED ROADWAY SIGNS

NOTES:

1. *Mount signs that are wider than 3 feet or larger than 10 square feet on double posts.*
2. *All lumber dimensions are nominal.*
3. *Submit alternate details for portable signs. Ensure sign mounts hold the sign face in a vertical plane. Portable signs may be mounted lower than fixed signs when approved. Ensure all portable sign supports are crashworthy.*
4. *When parking is permitted within 200 feet of the sign, mount the sign a minimum of 7 feet above the pavement surface.*
5. *When approved by the CO and the Utility Company, utility poles may be used for sign mounting.*
6. *For 4- by 6-inch and greater posts, see the Breakaway Sign Support View. If breakaway design cannot be used due to post spacing, place the sign outside the clearzone or shield with a barrier. Do not place holes in posts of non-breakaway signs.*
7. *Signs requiring 6- by 6-inch and greater posts are considered non-breakaway if multiple posts are required and the posts cannot be spaced a minimum of 7 feet apart.*



BREAKAWAY SIGN SUPPORT
(FIXED SIGNS 4" X 6" AND GREATER POSTS)
See Notes 6 and 7



PORTABLE SIGNS
See Notes 3 and 4

POST SIZE TABLE

POST SIZE	D	HOLE DIAMETER	MAXIMUM SIGN AREA (SQFT)			
			1 Post	2 Post	3 Post	4 Post
4" x 4"	4'	None Required	10	20	X	X
4" x 6"	4'	1.5"	X	35	50	70
6" x 6"	5'	2"	X	50	75	100
6" x 8"	5'	3"	X	85	125	165

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

EFLHD DETAIL
E635-01

SPECIFICATION
FP-24, FP-14

APPROVED FOR USE
06/2024

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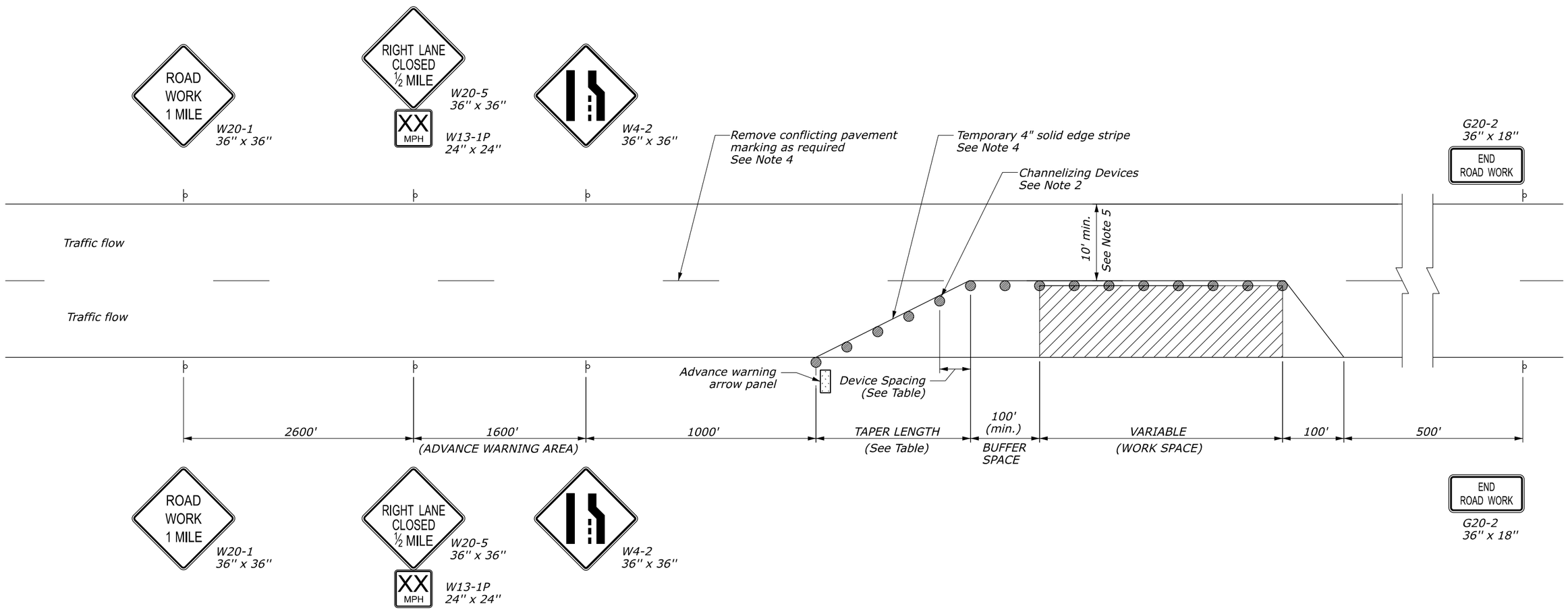
TYPICAL APPLICATION: ONE WAY, TWO LANE ROADWAY, CLOSING ONE LANE



NOTES:

1. Final location and spacing of temporary traffic control devices may be changed to fit field conditions as approved.
2. For operations that require a lane closure for a day or less, drums may be substituted with cones, type A in the work area as approved.
3. Right lane closure is shown. For left lane closure, substitute W20-5 and W4-2 left lane closure signs.
4. For long-term operations (operations where the lane is continuously closed for more than three days) remove conflicting pavement markings and place edge stripe as shown.
5. Use minimum width shown unless otherwise specified in Section 156.

LENGTH AND SPACING TABLE

APPROACH SPEED (MPH)	MINIMUM TAPER LENGTH (LNFT) LANE WIDTH (LNFT)			CHANNELIZING DEVICE SPACING (LNFT)	
	10	11	12	TAPER AREA	WORK AREA
25	105	115	125	25	50
30	150	165	180	30	60
35	205	225	245	35	70
40	270	295	320	40	80
45	450	495	540	45	90
50	500	550	600	50	100
55	550	605	660	55	100

* Approach speed based on the regulatory posted speed, not the advisory speed.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

TEMPORARY TRAFFIC CONTROL SINGLE LANE CLOSURE LAYOUT

EFLHD DETAIL	SPECIFICATION	APPROVED FOR USE
E635-05	FP-24, FP-14	06/2024

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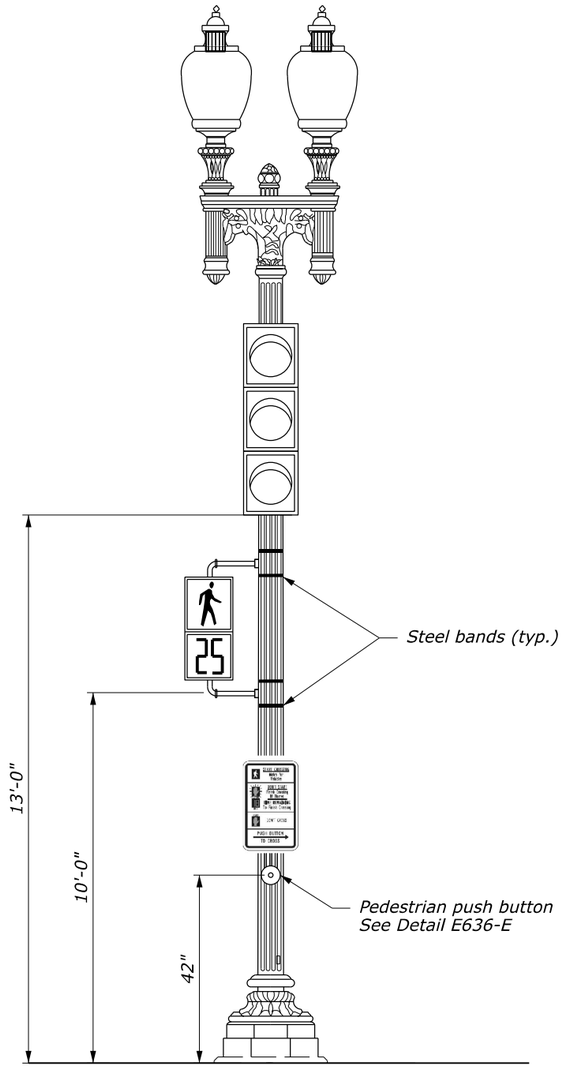
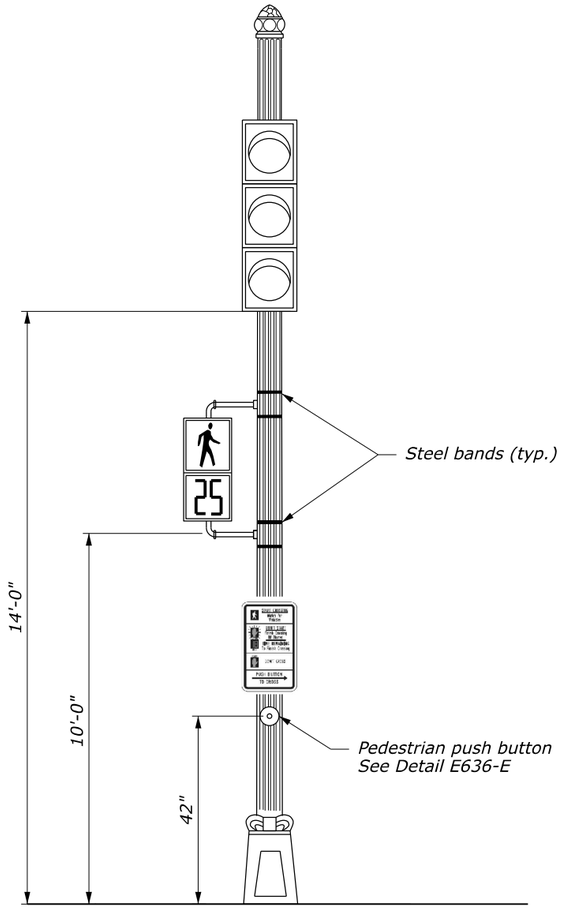
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S17

NOTES:

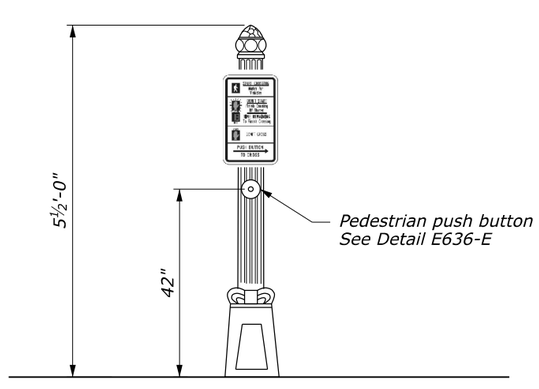
1. *Mount all new steel traffic signal poles on a transformer. See Detail E636-D for transformer base details.*
2. *Use stainless steel strapping to affix hardware to poles, unless otherwise specified.*



TWIN 20 STYLE LIGHTING STANDARD WITH LED RETROFIT UPGRADE



20 FOOT TALL STEEL TRAFFIC SIGNAL POLE



STEEL PEDESTAL POLE

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E636-A
TRAFFIC SIGNAL HARDWARE ARRANGEMENT ON METAL POLES	SPECIFICATION FP-24
	APPROVED FOR USE

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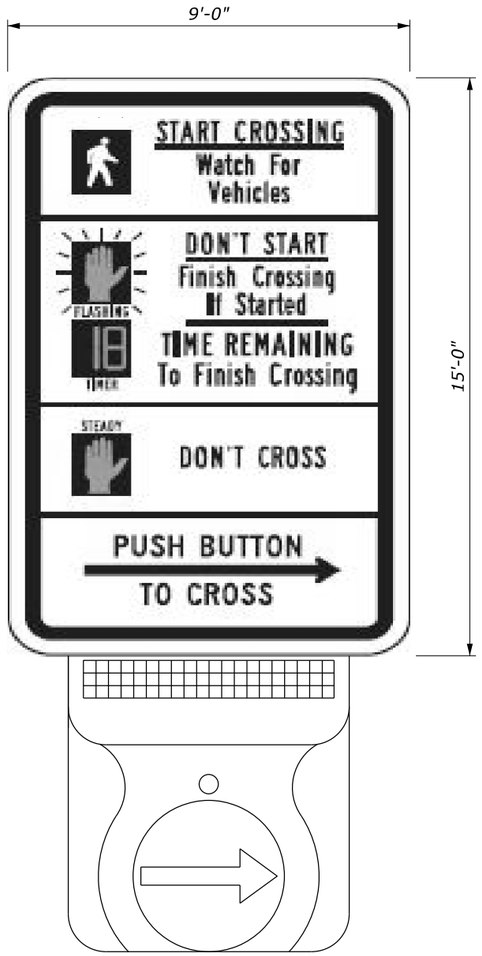
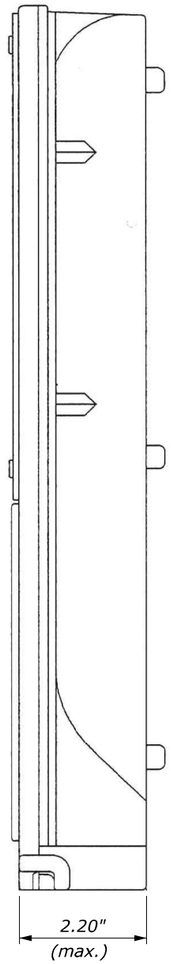
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S18



FRONT VIEW



SIDE VIEW

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	EFLHD DETAIL E636-B
PEDESTRIAN PUSH BUTTON	SPECIFICATION FP-24
	APPROVED FOR USE

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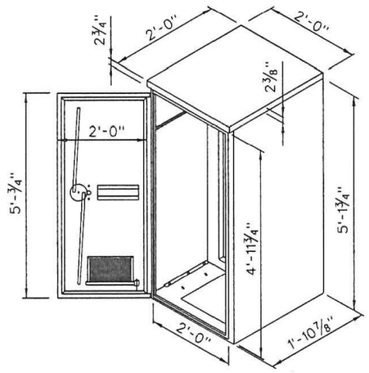
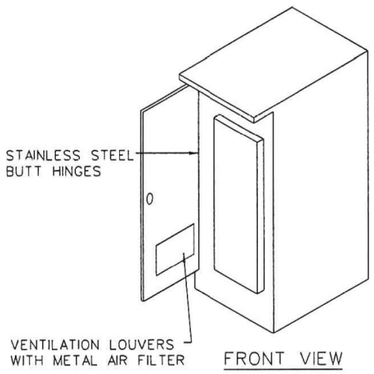
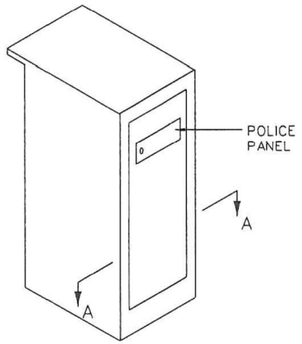
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S19

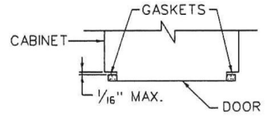




FRONT VIEW

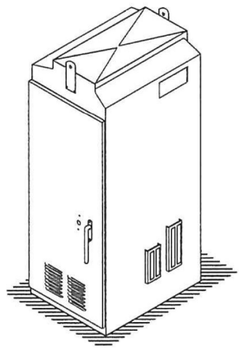


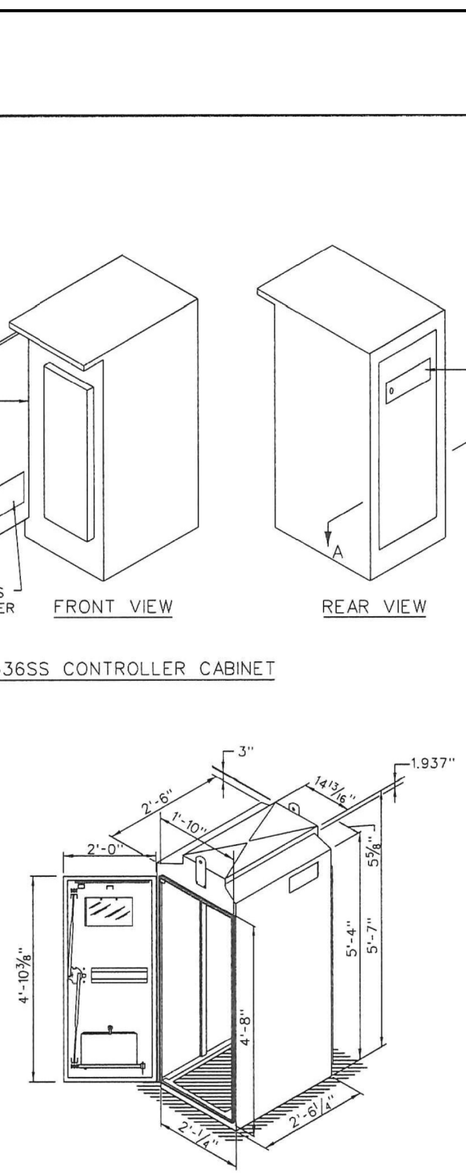
REAR VIEW



SECTION A-A

MODEL 336SS CONTROLLER CABINET





MODEL 332 CONTROLLER CABINET DETAILS

NOTE:

DO NOT PLACE CABINETS IN SIDEWALK.

Adopted from District of Columbia Department of Transporation Standard Drawings, August 2015, DWG. NO. 613.10

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL CONTROLLER CABINET DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.10

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

TRAFFIC SIGNAL CONTROLLER CABINET DETAILS

EFLHD DETAIL E636-C

SPECIFICATION FP-24

APPROVED FOR USE

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PROJECT	SHEET NUMBER
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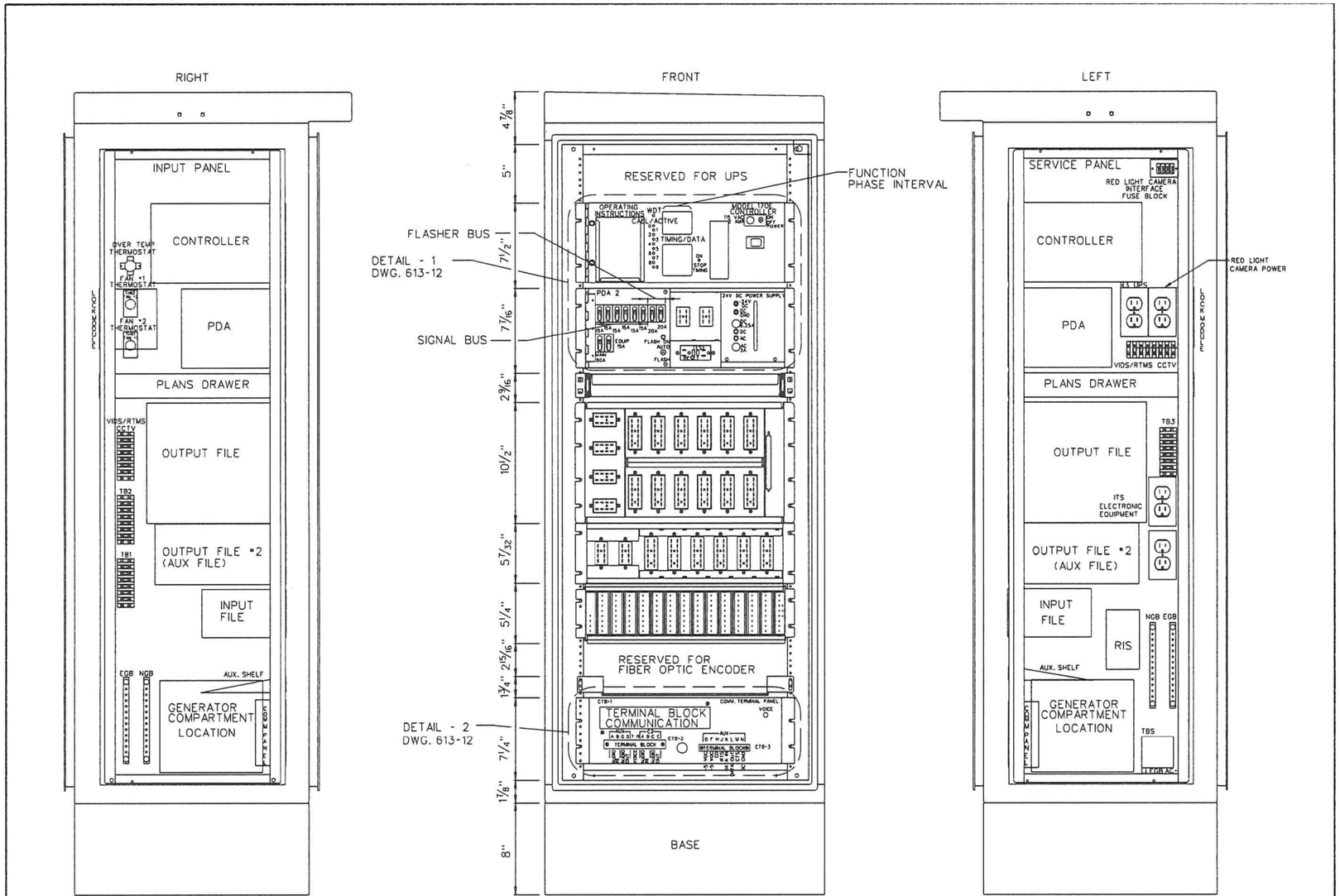

Adopted from District of Columbia Department of Transporation Standard Drawings, August 2015, DWG. NO. 613.11

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

336SS TRAFFIC SIGNAL CABINET FRONT, LEFT, AND RIGHT VIEWS

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.11

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

336SS TRAFFIC SIGNAL CABINET FRONT, LEFT, AND RIGHT VIEWS

EFLHD DETAIL E636-D

SPECIFICATION FP-24

APPROVED FOR USE

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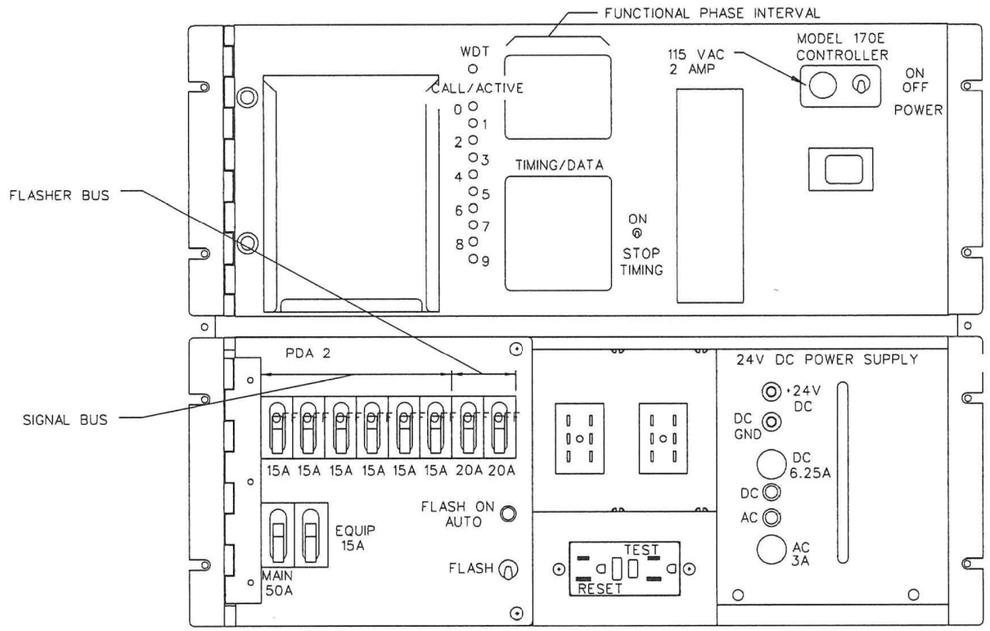
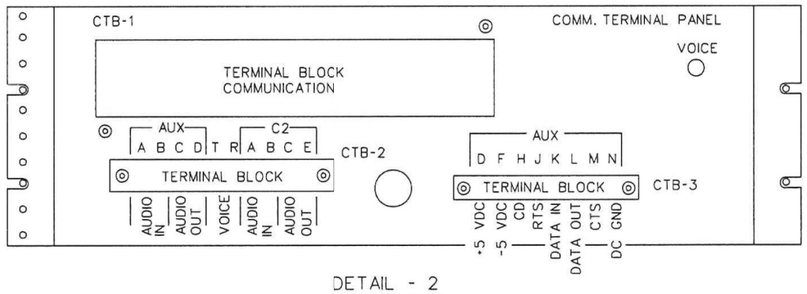
PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S21



DETAIL - 1
DWG. 613.11



DETAIL - 2
DWG. 613.11

Adopted from District of Columbia Department of Transporation Standard Drawings, August 2015, DWG. NO. 613.12

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

336SS TRAFFIC SIGNAL CABINET DETAILS

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.12

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

336SS TRAFFIC SIGNAL CABINET DETAILS

EFLHD DETAIL
E636-E
SPECIFICATION
FP-24
APPROVED FOR USE

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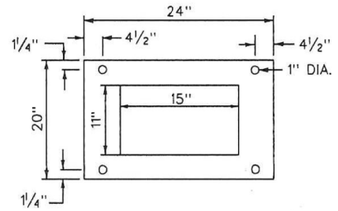
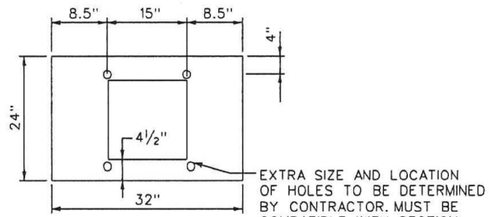
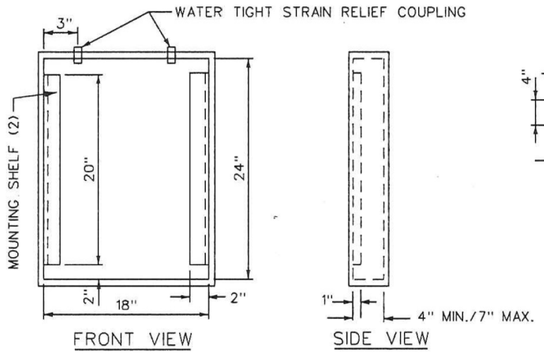


TOP VIEW



EXTRA SIZE AND LOCATION OF HOLES TO BE DETERMINED BY CONTRACTOR. MUST BE COMPATIBLE WITH SECTION D-D, DWG. NO. 613.11.

TOP VIEW



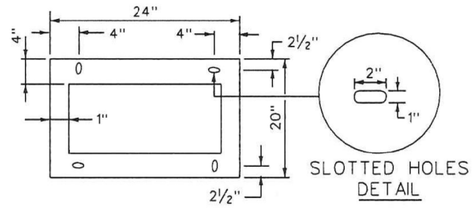
FRONT VIEW

SIDE VIEW

AERIAL TERMINATION CABINET

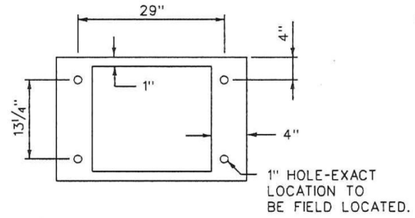
NOTES:

1. CABINET TYPE 3R ELECTRICAL ENCLOSURE.
2. THE SIZE OF THE WATER TIGHT STRAIN RELIEF COUPLINGS WILL BE SPECIFIED BY THE ENGINEER.
3. THE DOOR SHALL BE HINGED, AND LATCHED.
4. REAR OF THE CABINET SHALL HAVE TWO (2) WOOD POLE MOUNTING BRACKETS TO BE USED WITH METAL STRAPPING.
5. THE CABINET SHALL BE MADE OF ALUMINUM SHEET WITH A MIN. OF 0.125" THICKNESS.



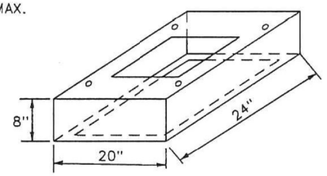
SLOTTED HOLES DETAIL

BOTTOM VIEW



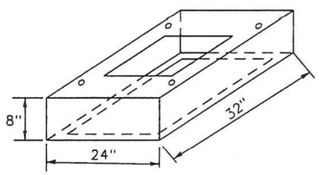
1" HOLE-EXACT LOCATION TO BE FIELD LOCATED.

BOTTOM VIEW



ADAPTOR BASE NO. 1

USE WITH STANDARD 336SS FOUNDATIONS



ADAPTOR BASE NO. 2

USE WITH FOUNDATIONS FOR 332 AND 336SS CABINETS ON EXISTING TYPE N FOUNDATIONS

CONTROLLER AND TERMINATION CABINET ADAPTOR BASES

NOTES:

1. WHEN ADAPTOR BASE NO. 2 IS USED FOR A TYPE 332 CABINET, NEW HOLES MUST BE DRILLED IN THE TOP PLATE. THE HOLES SHALL BE 29" APART ON THE LONG SIDE AND 13¼" APART ON THE SHORT SIDE (29"x13¼").
2. TYPE N FOUNDATIONS WILL NOT BE CONSTRUCTED.

Adopted from District of Columbia Department of Transporation Standard Drawings, August 2015, DWG. NO. 613.13

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL AERIAL TERMINATION CABINETS AND CONTROLLER CABINET ADAPTER BASES

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.13

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

TRAFFIC SIGNAL AERIAL TERMINATION CABINETS AND CONTROLLER CABINET ADAPTER BASES

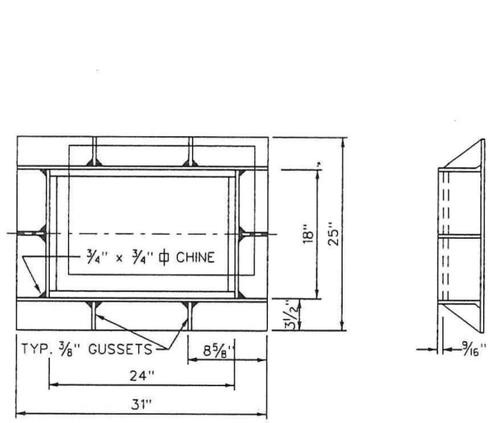
EFLHD DETAIL E636-F

SPECIFICATION FP-24

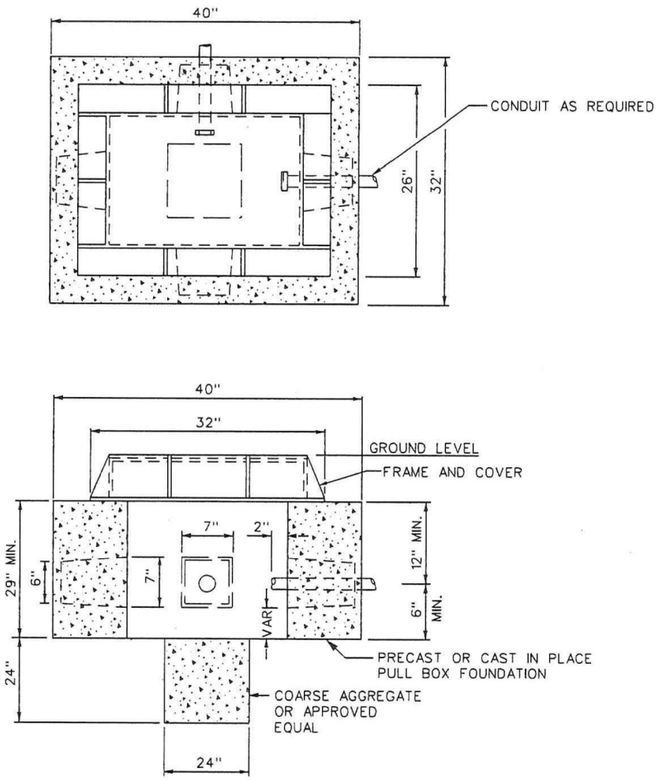
APPROVED FOR USE

M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\Std-Det\S28-34-det E636_C.dgn [E636-F]
21 May 2026 2:38 PM

PROJECT	SHEET NUMBER
DC NP GWMP ARCH TAR 2026	S23



FRAME AND COVER



PULL BOX INSTALLATION

NOTES:

1. PULL BOX AND HANDBOX CONCRETE TO SATISFY D.C. SPECIFICATION 803.01 (3500 PSI).
2. SEE DWG. NO. 613.14 : GROUND ROD MAY BE REQUIRED IF MAST ARM POLE FOUNDATION IS CONNECTED TO THE PULL BOX.

Adopted from District of Columbia Department of Transporation Standard Drawings, August 2015, DWG. NO. 613.20

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER
REVISION / APPROVAL	APPROVED: Muhammed Khalid CHIEF ENGINEER

TRAFFIC SIGNAL DISTRICT PULL BOX DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 613.20

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

TRAFFIC SIGNAL DISTRICT PULL BOX DETAILS

EFLHD DETAIL	E636-G
SPECIFICATION	FP-24
APPROVED FOR USE	

M:\PROJECTS\gwmp\11(4)\Proj_Dev\CADD\AMC Arch\Std-Det\S23-34-det E636_C.dgn [E636-G]
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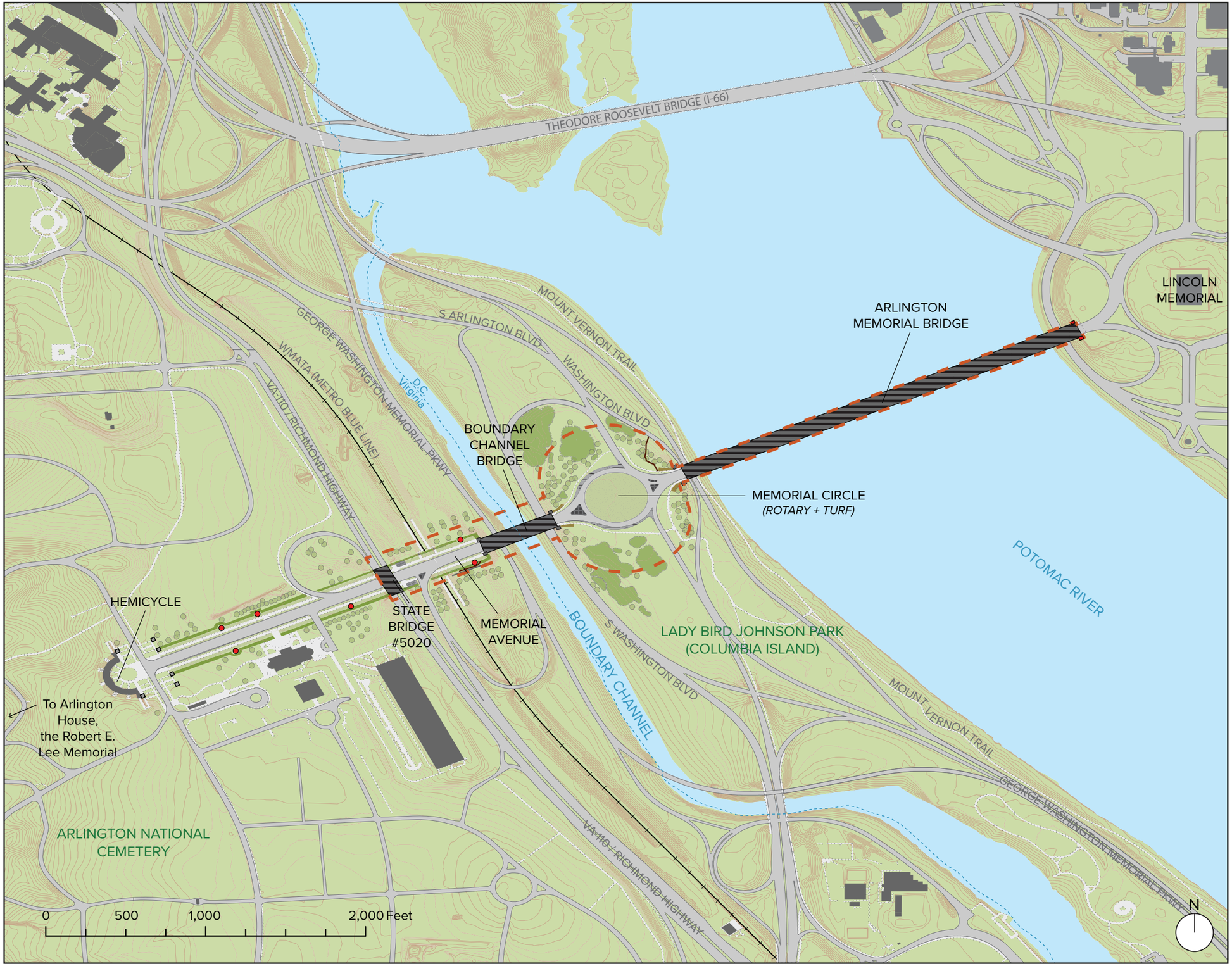
APPENDIX B. FIGURES



Memorial Avenue Corridor Cultural Landscape Report

George Washington Memorial Parkway

Locator Map

SOURCES

1. Open data DC, https://opendata.dc.gov/, accessed Sept. 2022
2. Field survey and data collection, 2022
3. Commonwealth of Virginia, DC GIS, Maxar, Microsoft (base imagery)
4. NPS Geospatial data

DRAWN BY

Ruth Penberthy / Chen Mao / Meg Frisbie / Molly Lester, University of Pennsylvania
ArcGIS Pro, Adobe Illustrator, 2023

LEGEND

- Cultural Landscape Boundary
- Topography (2ft intervals)
- Water
- Metro (WMATA) Line
- Building / Structure *(other than bridge)*
- Bridge (Structure)
- *Arts of War* (Structure)
- Memorial (Structure)
- Circulation - Road
- Circulation - Sidewalk
- Vegetation

NOTES

1. All features shown in approximate scale and locations
2. Vegetation locations, scale, and quantities are approximated from fieldwork and aerial photography

Weitzman School of Design
University of Pennsylvania
Urban Heritage Project
Department of Historic Preservation | PennPraxis
www.cultural-landscapes.org

DRAWING #1

Figure 1

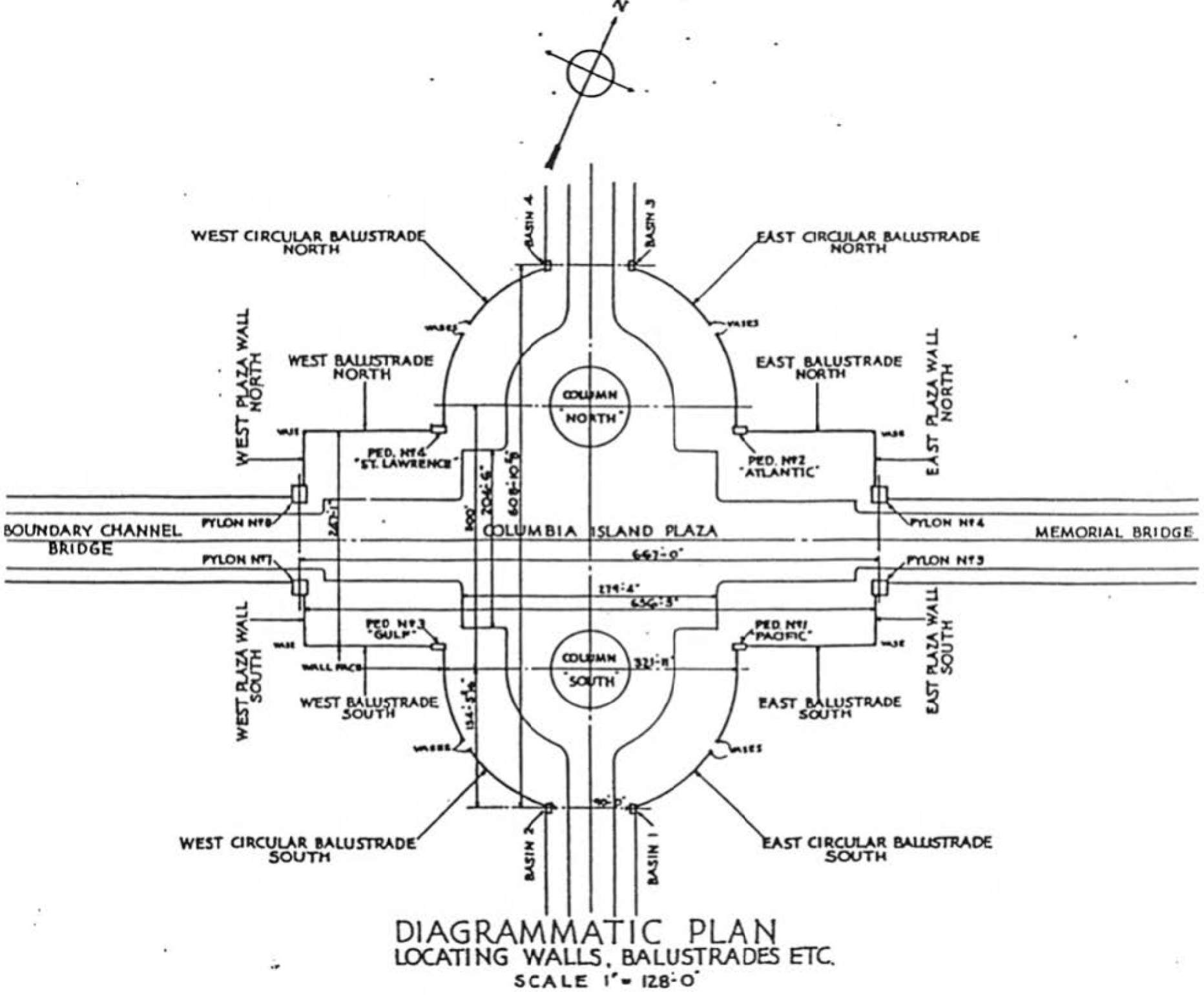
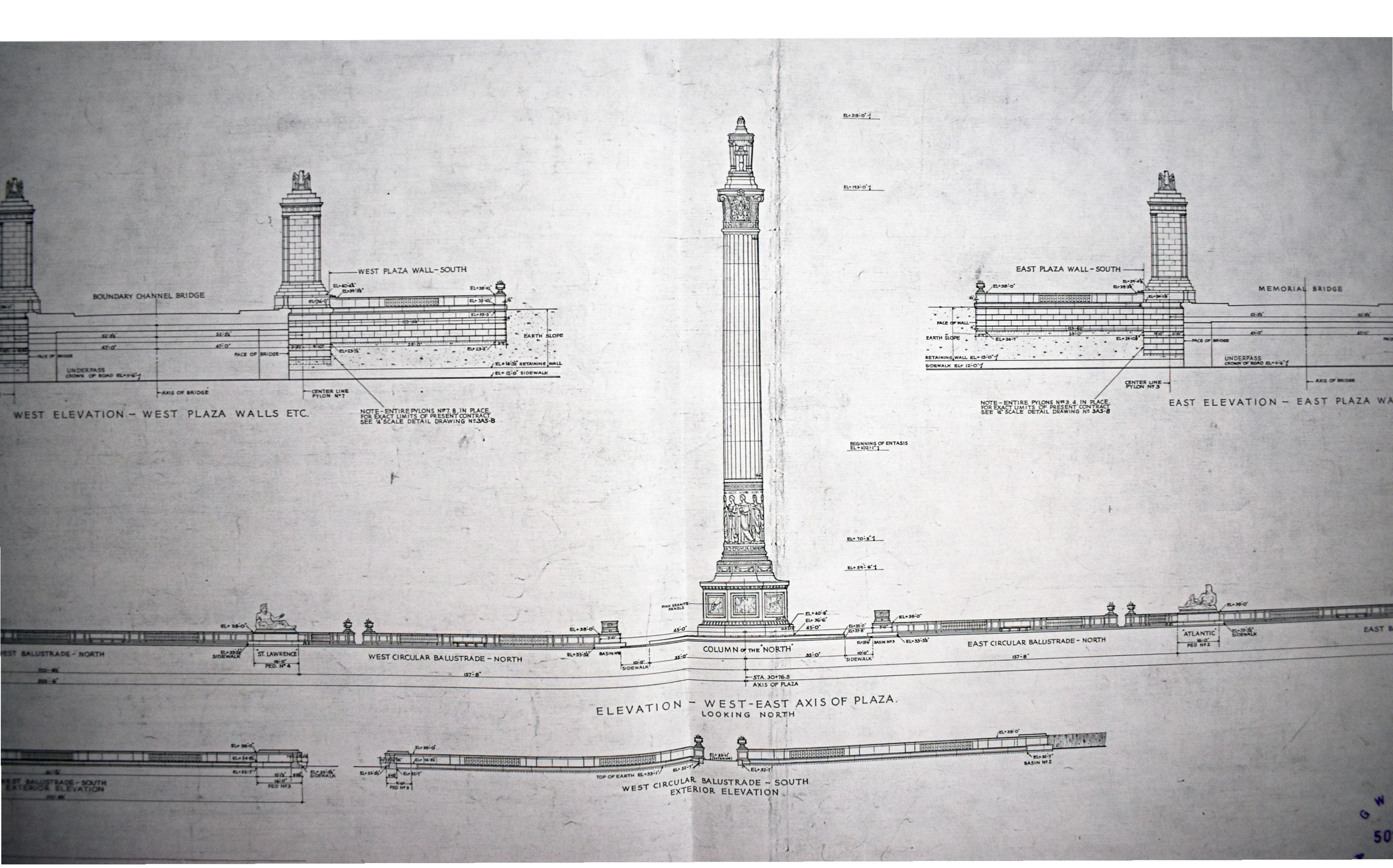

WEST CIRCULAR BALUSTRADE NORTH
BASIN 4
BASIN 3
EAST CIRCULAR BALUSTRADE NORTH
WEST PLAZA WALL NORTH
WEST BALUSTRADE NORTH
COLUMN "NORTH"
EAST BALUSTRADE NORTH
EAST PLAZA WALL NORTH
PED. N°4 "ST. LAWRENCE"
PED. N°2 "ATLANTIC"
PYLON N°8
PYLON N°4
BOUNDARY CHANNEL BRIDGE
COLUMBIA ISLAND PLAZA
MEMORIAL BRIDGE
PYLON N°1
PYLON N°3
WEST PLAZA WALL SOUTH
PED. N°3 "GULF"
PED. N°1 "PACIFIC"
COLUMN "SOUTH"
EAST PLAZA WALL SOUTH
WEST BALUSTRADE SOUTH
EAST BALUSTRADE SOUTH
WEST CIRCULAR BALUSTRADE SOUTH
BASIN 2
BASIN 1
EAST CIRCULAR BALUSTRADE SOUTH
DIAGRAMMATIC PLAN
LOCATING WALLS, BALUSTRADES ETC.
SCALE 1" = 128'-0"

Figure 2

WEST ELEVATION - WEST PLAZA WALLS ETC.



ELEVATION - WEST-EAST AXIS OF PLAZA.
LOOKING NORTH

EAST ELEVATION - EAST PLAZA WA

Figure 3

Area of Potential Effects on Historic Properties

George Washington Memorial Parkway
Washington, D.C.

Area of Potential Effects on Historic Properties | Triumphal Arch Site

National Register Historic Properties

Sources

1. ESRI World Imagery Basemap
2. NCR Cultural Resources GIS

LEGEND

- Area of Potential Effects
- Direct Effects Boundary
- Project Area
- Construction Staging Area
- Potential Utility Corridors

Individual Structures

- 6 Arlington House (Robert E. Lee Memorial)
- 15 Lockkeeper's House, C & O Canal Extension
- 16 56 Signers Memorial
- 20 Civil War Monuments in Washington, D.C. (Adjacent Lands)
- 23 American Revolutionary Statuary in the District of Columbia
- 25 Cuban Friendship Urn
- 30 Quarters 1 (NHL- Adjacent Lands)
- 33 Washington Canoe Club
- 39 U.S. Capitol Gatehouses and Gateposts

District Boundaries

- 2 Arlington Memorial Bridge and Related Features
- 4 Arlington National Cemetery Historic District
- 5 Arlington House Historic District (also known as Robert E. Lee Historic District)
- 8 Lyndon Baines Johnson Memorial Grove on the Potomac
- 9 Mount Vernon Memorial Highway
- 11 Lincoln Memorial
- 12 National Mall
- 13 World War II Memorial
- 14 Martin Luther King Jr. Memorial
- 18 Washington Monument and Grounds Historic District
- 21 Rock Creek Park and Potomac Parkway Historic District
- 22 East and West Potomac Parks Historic District
- 26 Franklin Delano Roosevelt Memorial
- 27 Arlington Ridge Park
- 28 Pentagon (NHL- Adjacent Lands)
- 29 Fort Myer Historic District (NHL- Adjacent Lands)
- 31 Theodore Roosevelt Island
- 35 Thomas Jefferson Memorial
- 37 DC War Memorial
- 38 United States Capitol (NHL- Adjacent Lands)
- 40 Smithsonian Building (NHL- Adjacent Lands)
- 41 Georgetown Historic District (NHL- NPS and Adjacent Lands)
- 42 Old Naval Observatory (NHL- Adjacent Lands)
- 43 Pennsylvania Avenue National Historic Site

Notes

1. Projection: NAD 1983
2. PRELIMINARY (2026)

National Park Service
National Capital Region

Drawing #1

Area of Potential Effects on Historic Properties

George Washington Memorial Parkway
Washington, D.C.

Area of Potential Effects on Historic Properties | Triumphal Arch Site

National Register Historic Properties

Sources

1. ESRI World Imagery Basemap
2. NCR Cultural Resources GIS

Legend

- Area of Potential Effects
- Direct Effects Boundary
- Project Area
- Construction Staging Area
- Potential Utility Corridors

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- 6 Arlington House
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- 37 DC War Memorial
- 40 Smithsonian Building (NHL- Adjacent Lands)
- 42 Old Naval Observatory (NHL- Adjacent Lands)
- 43 Pennsylvania Avenue National Historic Site

Notes

1. Projection: NAD 1983
2. PRELIMINARY (2026)

National Park Service
National Capital Region

Drawing #1A

0 0.125 0.25 0.5 Miles

Area of Potential Effects on Historic Properties

George Washington Memorial Parkway
Washington, D.C.

Area of Potential Effects on Historic Properties | Triumphal Arch Site

Cultural Landscapes

Sources

1. ESRI World Imagery Basemap
2. NCR Cultural Resources GIS

Legend

- Area of Potential Effects
- Direct Effects Boundary
- Project Area
- Construction Staging Area
- Potential Utility Corridors

- 1 Memorial Avenue Corridor
- 3 Lady Bird Johnson Park
- 7 Arlington House
- 8 Lyndon Baines Johnson Memorial Grove on the Potomac
- 10 Lincoln Memorial
- 17 The Mall
- 19 Washington Monument Grounds
- 24 Mount Vernon Memorial Highway - North of Alexandria
- 27 Arlington Ridge Park
- 32 Theodore Roosevelt Island
- 33 Washington Canoe Club
- 34 George Mason Memorial
- 36 Thomas Jefferson Memorial
- 37 DC War Memorial

Notes

1. Projection: NAD 1983
2. PRELIMINARY (2026)

National Park Service
National Capital Region

Drawing #2

Area of Potential Effects on Historic Properties

George Washington Memorial Parkway
Washington, D.C.

Area of Potential Effects on Historic Properties | Triumphal Arch Site

Cultural Landscapes

Sources

1. ESRI World Imagery Basemap
2. NCR Cultural Resources GIS

Legend

- Area of Potential Effects
- Direct Effects Boundary
- Project Area
- Construction Staging Area
- Potential Utility Corridors

- 1 Memorial Avenue Corridor
- 3 Lady Bird Johnson Park
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- 8 Lyndon Baines Johnson Memorial Grove on the Potomac
- 10 Lincoln Memorial
- 17 The Mall
- 19 Washington Monument Grounds
- 24 Mount Vernon Memorial Highway - North of Alexandria
- 27 Arlington Ridge Park
- 32 Theodore Roosevelt Island
- 34 George Mason Memorial
- 36 Thomas Jefferson Memorial
- 37 DC War Memorial

Notes

1. Projection: NAD 1983
2. PRELIMINARY (2026)

National Park Service
National Capital Region

Drawing #2A

APPENDIX D. HISTORIC PROPERTIES AND ASSESSMENT OF ADVERSE EFFECTS TABLES

Table 1. Historic Properties within the Area of Direct Effects

Map ID	Resource Name		NRHP Designation
1	Memorial Avenue Corridor Cultural Landscape		National Register of Historic Places (NRHP) cultural landscape
		Memorials: 101st Airborne Division Memorial, 4th Infantry Division Memorial, American Armored Force Memorial, Seabees Memorial, United Spanish War Veterans Memorial (The Hiker), Women in Military Service for America Memorial	Contributing
		Statues and Monuments: Arts of War-Sacrifice, Arts of War-Valor, Rear Admiral Richard Evelyn Byrd Monument	Contributing
		Arlington Hemicycle and Pylons	Contributing
		Arlington Hemicycle circular pool (including basin in central niche)	Contributing
		Arlington National Cemetery Gates and Gate Pylons (Gatehouses)	Contributing
2		Arlington Memorial Bridge and Related Features	Contributing/NRHP
		Memorial Avenue Bridge (Arlington Memorial Bridge Extension, also referenced as Boundary Channel Bridge)	Contributing
		Memorial Circle Pylons	Contributing
		Circulation: Memorial Avenue, Memorial Circle, and the pedestrian system on the two bridges (Memorial and Arlington) and avenues	Contributing
		Boundary Channel below Memorial Avenue Bridge (Arlington Memorial Bridge Extension)	Contributing
		Small-scale features: original cast-iron inlet grates along both bridges and Memorial Avenue; Washington standard lampposts, "Durax" centerline of Memorial Avenue and both bridges; granite block "Durax" surface of Memorial Avenue Bridge; granite curbstones; granite header stones at the ends of bridges; granite lamppost bases; paving of sidewalks on two bridges and avenue, and triangular "islands" of granite blocks at east and west ends of Memorial Circle	Contributing
		Vegetation: Grass panels and Holly hedge along Memorial Avenue, White oak border of Memorial Avenue, White pines at four pylons near Memorial Circle, White oaks near Arlington Cemetery gates and hemicycle stairways, Yews along hemicycle stairways and wrought iron fence	Contributing
		Views and vistas: View of the Washington Monument from various locations along the corridor, view to hemicycle and Arlington House - the Robert E. Lee Memorial, view to Lincoln Memorial, views of green parkland along both sides of Potomac from Arlington Memorial Bridge, and views to river, the Capitol dome, and other monuments from Memorial Circle	Contributing
3	Lady Bird Johnson Park Cultural Landscape		NRHP cultural landscape
		Circulation: George Washington Memorial Parkway (GWMP) (see below under George Washington Memorial Parkway Cultural Landscape); Lyndon B. Johnson Memorial Grove; Memorial Circle; Mount Vernon Memorial Highway; Mount Vernon Trail (southern portion, to Humpback Bridge); Columbia Island Marina, parking lot and entrance to Lyndon Baines Johnson (LBJ) Memorial Grove	Contributing
		Vegetation: All of the stone plantings, Cottonwoods, crabapple, pear and elm trees remaining from 1932 planting, daffodils, dogwoods, large white pines near pylons, plantings of LBJ Memorial Grove, yews at Navy and Merchant Marine Memorial	Contributing

Map ID	Resource Name		NRHP Designation
		Buildings and Structures: Arlington Memorial Bridge Boundary Channel Extension; Bridge over Boundary Channel; Boundary Channel Bridge (New); Columbia Island Marina snack bar; Memorial Circle, four pylons; rip rap, historic, south end of island; LBJ Memorial Grove, wooden entrance deck on Virginia shore including walks, stone walls, etc.; LBJ Memorial Grove, megalith; LBJ Memorial Grove, flagstone plaza; LBJ Memorial Grove, entire site; LBJ Memorial Grove, pedestrian bridge; Navy and Merchant Marine Memorial; flagstone plaza; U.S. Route 50 Overpass, westbound; Washington Boulevard Bridge; Washington Boulevard Overpass; Arlington Memorial Bridge; LBJ Memorial Grove, low stone-and-concrete wall along flagstone walk	Contributing
		Views and vistas: GWMP, northbound views north of Arlington Memorial Bridge to Theodore Roosevelt Island, D.C. shoreline, Kennedy Center; GWMP, northbound views to LBJ Memorial Grove, megalith, and Navy and Merchant Marine Memorial; GWMP, northbound views to Washington shoreline and National Mall; GWMP, northbound views up river to Arlington Memorial Bridge; LBJ Memorial Grove views and vistas along entry route, from plaza on VA shore, across bridge, along walks to meadow area and to Grove and flagstone plaza; LBJ Memorial Grove vistas from flagstone plaza to National Mall and East and West Potomac Parks; Memorial Circle views east to Lincoln Memorial, west to Arlington House and Arlington National Cemetery, north up island and south down island; Mount Vernon Trail views along trail near Potomac River shore, corresponding to views from northbound and southbound GWMP	Contributing
		Small-scale features: benches, granite panels, light posts, plaque, drinking fountains, guardrails	Contributing
		Water features: Boundary Channel; Columbia Lagoon (also called Columbia Basin, Pentagon Lagoon)	Contributing
4	Arlington National Cemetery Historic District		NRHP historic district
		Vegetation and Landscapes: Argonne Cross Landscape; Arlington Hemicycle Landscape; Chaplains Hill; Civil War Unknowns Landscape; Columbarium Courts Landscape; Confederate Memorial Section; Custis Woods; James Tanner Amphitheater; Kennedy Family Gravesites; Memorial Amphitheater; Memorial Arboretum; Millenium Woods and Stream; Nurses Memorial Associated Features; Pershing Gravesite Landscape; Red Spring Landscape; Scatter Area; Trees, Medal of Honor; Trees, Memorial Tres; Trees, State Champions and Co-Champions; U.S. Coast Guard Memorial; picturesque plantings patterns, hedgerows, oak trees	Contributing
		Views and vistas: View of Air Force Memorial; View of Arlington House from Kennedy Memorial; View to Arlington House down Crook Walk from Memorial Amphitheater; View of Arlington National Cemetery (ANC) from Memorial Bridge Memorial Drive, and Lincoln Memorial; View of ANC from Washington D.C. Potomac Shoreline (between 14th Street Bridge and Memorial Bridge); View of Lincoln Memorial and Washington Monument from Arlington House, Kennedy Gravesite; View to Main Gates from Southern perspective and Northern perspective; Views to Memorial Amphitheater from various locations; View to Netherlands Carillon; View of Old Amphitheater from various locations; View of the Pentagon from Pentagon Memorial; View to Spanish-American War Memorial from U.S.S Maine Memorial; View to U.S.S Maine Memorial from Memorial Amphitheater; View toward Fort Myer Gate and Chapel from ANC; Views of Washington Monument from ANC	Contributing
		Boundary Gates, Demarcations and Walls: Welcome Center Gate; Welcome Center Parking Gate; Administration Building Gate; East /Jefferson Davis Highway Gate; Service Complex Gate; South/Clayton Gate; Hobson Gate; Memorial Chapel Gate; West Gate (Selfridge); Fort Meyer/Old Post Chapel Gate; Ord & Weitzel Gate (New); Memorial Avenue north gate; Memorial Avenue south gat	Contributing
		Circulation Systems: Crook Walk; Custis Walk; Custis Walk Extension; Footbridges, Crook Walk; Memorial Avenue ("Avenue of Heroes"); Memorial Avenue Fountain Plaza; Memorial Avenue West Terminus (Cobblestone Drive); Millenium Bridge (Gifford Drive Bridge); Pedestrian Bridge; Road System; Sidewalks; Stairs and stone steps	Contributing
		Drainage Features: Select Drainage Ditches and Culverts; Historic Concrete Channels; Red Spring	Contributing

Map ID	Resource Name		NRHP Designation
		Monuments and Memorials: 2nd Connecticut (Volunteer) Heavy Artillery Regiment; Civil War Headstones; Confederate Headstones; 1903 Government Headstones; USCT and Freedman Village Residents; “Standard” Headstones; Flat Headstones; Victorian-Era Monuments; Group Headstones; 3rd Infantry Division Memorial; 4th Infantry (Ivy) Division Memorial; 101st Airborne Division Memorial; Air Force Memorial Complex; Apollo 1 Memorial Plaque; Argonne Cross (and associated features); Armored Forces Memorial; Chaplains Hill; Battle of the Bulge Memorial; Richard Evelyn Byrd Memorial; Canadian Cross Memorial; Civil War Unknown; Confederate Memorial; Iran Rescue Mission Memorial; John F. Kennedy Memorial Gravesite; Robert F. Kennedy Memorial Gravesite; Korean War Veterans Memorial; Nurses Memorial; Office of Strategic Services Memorial; Pan Am Flight 103 Memorial; Pentagon Group Burial Marker; Rough Riders Memorial; Space Shuttle Challenger Memorial; Space Shuttle Columbia Memorial; Spanish-American War Memorial; Third Infantry Division Memorial; Tomb of Remembrance; Tomb of the Unknowns and Associated Features; U.S. Coast Guard Monument; U.S.S. Maine Memorial; U.S.S. Serpens Memorial; U.S.S Thresher Memorial; Unknown Dead of 1812; Tree Memorial Markers & Living Memorials	Contributing
		Memorial Graves: Custis Graves; George Crook; Sir John Dill Monument; Matthew Henson; Philip Kearny Monument; Edward M. Kennedy; Major Pierre L’Enfant; Robert Todd Lincoln; Audie Murphy; Gen. John Pershing; Robert Edwin Peary; Mary Randolph; Wallace Fitz Randolph; Revolutionary War Ground Tablets; Philip Henry Sheridan; William H. Taft; John Wingate Weeks; MG Horatio Wright	Contributing
		Small-scale features: Arlington House Flagpole, benches, bollards, drinking fountains, exterior lighting,	Contributing
		Arlington House	Contributing/NRHP
		Arlington Memorial Bridge	Contributing/NRHP
		Arlington House Cultural Landscape	Contributing/NRHP
		Arlington Hemicycle / Military Women’s Memorial	Contributing
		Administration Building	Contributing
		Columbarium Pavilion 1	Contributing
		Columbarium Pavilion 2	Contributing
		Millenium Pavilion 11	Contributing
		Millenium Pavilion 12	Contributing
		Hemicycle (“The Court of Honor”, “The Great Entrance”, Military Women’s Memorial)	Contributing
		Lodge 1 (Superintendent’s Lodge)	Contributing
		Lodge 1 Gazebo	Contributing
		Lodge 2 (Assistant Superintendent's Lodge)	Contributing
		Lodge 2 Garage	Contributing
		Memorial Amphitheater	Contributing
		Old Amphitheater (James R. Tanner Amphitheater)	Contributing
		Parking: Chaffee Lot; Funereal Queuing; Wheaton Lot	Contributing

Map ID	Resource Name		NRHP Designation
		Receiving Vault	Contributing
		Service Complex #1 (4 buildings)	Contributing
		Service Complex #2 (8 buildings)	Contributing
		Tourmobile (Tram) Bus Stop Structure (Tour Bus Shelter)	Contributing
		Welcome Center (Visitor's Center)	Contributing
5	Arlington House Historic District (also known as Robert E. Lee Historic District)		NRHP historic district
		Site: Landscape and associated features	Contributing
6		Arlington House (also known as the Robert E. Lee Memorial)	Contributing/NRHP
		North Slave Quarter and Kitchen	Contributing
		South Slave Quarter, Storehouse, and Smokehouse	Contributing
		Potting Shed	Contributing
		National Park Service Administration Building, 1931	Contributing
		Mary Randolph's Tomb	Contributing
		Custis Burial Plot	Contributing
		Civil War-era Officers' Graves and Grave Markers Site along Lee Avenue and East of Mansion	Contributing
		Well, ca. 1805, superstructure	Contributing
		Civil War Unknown Soldiers Monument, 1866	Contributing
		Arlington National Cemetery Old Amphitheater	Contributing
		General Sheridan, Admiral Porter, and General Wright Monuments	Contributing
		Pierre Charles L'Enfant Grave and Monument	Contributing
		Arlington House Cultural Landscape	Contributing
7	Arlington House Cultural Landscape		NRHP cultural landscape
		Land Use: Arlington Woods; Flower and Vegetable Gardens	Contributing
		Spatial Organization: Building locations; yard; garden terraces; Arlington Woods	Contributing
		Buildings and Structures: Arlington House; North Slave Quarters; South Slave Quarters; Potting shed; Below-ground section of well	Contributing

Map ID	Resource Name		NRHP Designation
		Circulation: Trace road at the north end of Arlington Woods; Flower garden central path; Kitchen garden central path; East/west oriented road connecting Lee Drive and Sherman Avenue between yard and flower garden; Potting shed access road; Portion north/south section of Custis Walk on National Park Service property	Contributing
		Vegetation: trees in mixed hardwood forest of Arlington Woods ravine	Contributing
		Views and Vistas: View between Arlington House and Washington, D.C.; View between kitchen garden, through yard to flower garden; view north and south along Lee Drive	Contributing
		Small-scale features: rectangular cut bench or mounting stone	Contributing
8	LBJ Memorial Grove		NRHP
9	Mount Vernon Memorial Highway		NRHP historic district
		Richmond, Fredericksburg & Potomac Railroad (RF&P) Underpass	Contributing
		Route 1/I-395 Downstream Underpass	Contributing
		Route 1/I-395 Upstream Underpass	Contributing
		Mount Vernon Memorial Highway alignment	Contributing
		Mount Vernon Trail adjacent to the Mount Vernon Memorial Highway	Contributing
10	Lincoln Memorial Cultural Landscape		NRHP cultural landscape
		Spatial organization: axial relationship with the Mall, axial alignment of the Lincoln Memorial statue with the Approachway, Washington Monument, and U.S. Capitol, axiality of the Reflecting Pool, radial arrangement of central rond-point around Lincoln Memorial Circle, radial arrangement of secondary allées, descent of the Watergate plaza and steps to the Potomac River, location of monuments and memorials establishing the landscapes termini, layout of Ohio Drive SW and Parkway Drive NW along the western edge of the cultural landscape, parallel with the Potomac River shoreline, Open character of playing fields and turf panels between the radial roads and the parkway	Contributing
		Land Use: Commemorative land use as a memorial landscape, dedicated to President Abraham Lincoln, John Ericsson, and Martin Luther King, Jr., Commemorative use as a memorial tree grove, dedicated to the individuals and organizations represented, a space of protest associated with the Civil Rights Movement and First Amendment causes, passive and active recreational use	Contributing
		Topography: Generally flat topography consistent with the construction of East/West Potomac Parks via reclamation, Mounded (round point) topography within Lincoln Memorial Circle, Steeply sloped topography on the east and west sides of Lincoln Memorial Circle, descending to the Reflecting Pool and the Potomac River, Gently sloping topography from the Belvedere and Parkway Drive to 23rd Street NW, Steeply sloping abutments flanking the Parkway Drive and Arlington Memorial Bridge overpasses	Contributing
		Vegetation: plantings in Lincoln Memorial Circle, elm allées and trees, turf island at Constitution Avenue Belvedere, turf panels along Reflecting Poll, in Lincoln Memorial Circle, and between radial roads and parkway, plantings along Watergate Steps area and approach road, remnant naturalistic groves of memorial trees	Contributing

Map ID	Resource Name		NRHP Designation
		Circulation: Lincoln Memorial Circle and associated concrete sidewalks, Parkway Drive NW and associated concrete sidewalks, 23rd Street NW/SW and associated concrete sidewalks, Henry Bacon Drive NW and associated concrete sidewalks, Daniel French Drive SW and concrete sidewalk on northeast side, Ohio Drive SW and associated concrete sidewalks, traffic circle and concrete sidewalks at the Belvedere, gravel service road to underground storage area, remnant bridle paths west of Lincoln Memorial Circle, primary, east-west asphalt allée paths, Secondary, north-south concrete paths at east end of Reflecting Pool, Paths and stairs between Reflecting Pool plaza and Lincoln Memorial Circle, Approachway, raised terrace stairs, and stylobate, Gravel walk around outer edge of raised terrace, Lincoln Memorial Circle former parking area, including granite block edging, Watergate Steps area concrete sidewalks, Concrete sidewalks around Ericsson Monument, Concrete sidewalk along south side of Constitution Avenue	Contributing
		Potomac River seawall between Theodore Roosevelt Bridge and John Ericsson Monument	Contributing
11		Lincoln Memorial statue and structure, including raised terrace, marble stylobate steps, and granite walls	Contributing/NRHP
		John Ericsson Monument* and compass terrace	Contributing
		Parkway Drive overpass, including integrated balustrades and benches	Contributing
		Statuary on approach pedestals (Music and Harvest, and Aspiration and Literature)	Contributing
		Underground storage area and retaining walls on Parkway Drive NW	Contributing
		Watergate Steps including plaza wing walls, integrated balustrades and benches	Contributing
		Constitution Avenue Belvedere	Contributing
		Reflecting Pool	Contributing
		Views and vistas: reciprocal views along and between contributing features, panoramic views from the Lincoln Memorial structure toward Watergate Steps, Arlington Memorial Bridge, Arlington House—The Robert E. Lee Memorial, and Parkway Drive, and framed views long Lincoln Memorial porticoes	Contributing
		Small-scale features: granite benches at entrance to Approachway	Contributing
		Small-scale features: cast-iron frame wooden slat benches, Alaska and Hawaii plaque, Martin Luther King Jr “I have a Dream” plaque, memorial tree plaques, Washington Standard lampposts, and Twin-20 lampposts.	Managed as cultural resource
12	National Mall Historic District		NRHP historic district
		Vistas/Views: views from Mall to Union Square; views to building facades from Mall; views up cross streets; vista Capitol to Washington Monument	Contributing
		Circulation roads and walkways and small-scale features	Contributing
		The Mall (Reservation Nos. 3, 3A, 3B, 4, 5, 6, and 6A)	Contributing site/NRHP
		Reservation No. 553	Contributing site
		Reservation No. 201	Contributing site
		National Gallery of Art Sculpture Garden	Contributing site
		President’s Park South	Contributing site

Map ID	Resource Name		NRHP Designation
		Ellipse	Contributing site
		Washington Monument Grounds (Reservation No. 2)	Contributing site
		Sylvan Theater	Contributing site
		German-American Friendship Garden	Contributing site
		West Potomac Park (Reservation No. 332)	Contributing site
		Constitution Gardens	Contributing site
		Vietnam Veterans Memorial	Contributing site
		Lincoln Memorial grounds	Contributing site
		District of Columbia War Memorial grounds	Contributing site
		Korean War Veterans Memorial	Contributing site
13		World War II Memorial	Contributing site
		Thomas Jefferson Memorial grounds	Contributing site
		Franklin Delano Roosevelt Memorial	Contributing site
		George Mason Memorial	Contributing site
14		Martin Luther King, Jr. Memorial	Contributing site/NRHP
		Lock B Archeological Site	Contributing site
		Lockkeeper's House Foundation Archeological Site	Contributing site
		White House Stable Archeological Site	Contributing site
		Tiber Creek Sewer Archeological Site	Contributing site
		Smithsonian Institution Building	Contributing building
		Arts and Industries Building	Contributing building
		U.S. Department of Agriculture Administration Building	Contributing building
		National Museum of Natural History	Contributing building
		Freer Gallery of Art	Contributing building
		National Gallery of Art West Building	Contributing building
		National Museum of American History	Contributing building
		Hirshhorn Museum and Sculpture Garden	Contributing building
		National Air and Space Museum	Contributing building

Map ID	Resource Name		NRHP Designation
		National Gallery of Art East Building	Contributing building
		Quadrangle	Contributing building
		National Museum of the American Indian	Contributing building
		Survey Lodge	Contributing building
		Monument Lodge	Contributing building
		National Museum of African American History and Culture	Contributing building
		Constitution Gardens Refreshment Kiosk	Contributing building
15		Lockkeeper's House	Contributing structure/NRHP
		Bulfinch Gatehouses (U.S. Capitol Gatehouse)	Contributing structure
		Bulfinch Gatepost (U.S. Capitol Gateposts)	Contributing structure
		Washington Monument	Contributing structure/NRHP
		Flood Control Levee	Contributing structure
		Lincoln Memorial*	Contributing structure/NRHP
		Reflecting Pool	Contributing structure
		Watergate steps	Contributing structure
		Constitution Avenue Belvedere	Contributing structure
		District of Columbia War Memorial	Contributing structure
		Stone Seawalls	Contributing structure
		Tidal Basin	Contributing structure
		Outlet Bridge	Contributing structure
		Inlet Bridge	Contributing structure
		Kutz Bridge	Contributing structure
		Independence Avenue Extension	Contributing structure
		Thomas Jefferson Memorial	Contributing structure/NRHP
		Constitution Avenue, NW	Contributing structure
		Madison Drive	Contributing structure

Map ID	Resource Name		NRHP Designation
		Jefferson Drive	Contributing structure
		Maryland Avenue, SW	Contributing structure
		Pennsylvania Avenue, NW	Contributing structure
		Henry Bacon Drive	Contributing structure
		Daniel French Drive	Contributing structure
		Lincoln Circle	Contributing structure
		Ohio Drive	Contributing structure
		Terminus of the Rock Creek and Potomac Parkway	Contributing structure
		3rd Street, SW	Contributing structure
		4th Street, SW	Contributing structure
		7th Street, NW-SW	Contributing structure
		14th Street, NW-SW	Contributing structure
		Raoul Wallenberg Place (15th Street south of Independence Avenue)	Contributing structure
		17th Street, NW	Contributing structure
		23rd Street, NW	Contributing structure
		E Street, NW	Contributing structure
		Downing Urn	Contributing object
		Joseph Henry Memorial	Contributing object
		National Grange Marker	Contributing object
		Ellipse Meridian Stone	Contributing object
		General William Tecumseh Sherman Memorial	Contributing object
		Butt-Millet Memorial Fountain	Contributing object
		Zero Milestone	Contributing object
		First Division Monument	Contributing object
		Original Patentees of the District of Columbia Memorial	Contributing object
		Second Division Memorial	Contributing object
		Boy Scout Commemorative Tribute	Contributing object
		John Saul Plaque	Contributing object

Map ID	Resource Name		NRHP Designation
		National Christmas Tree Plaque	Contributing object
		Jefferson Pier	Contributing object
		Elevation Obelisk	Contributing object
		100th Anniversary Plaques	Contributing object
		Washington City Canal Memorial Stone and Plaque	Contributing object
16		Memorial to the 56 Signers of the Declaration of Independence	Contributing object/NRHP
		John Ericsson Monument	Contributing object
		The Arts of Peace: Aspiration and Literature	Contributing object
		The Arts of Peace: Music and Harvest	Contributing object
		The Arts of War: Sacrifice	Contributing object
		The Arts of War: Valor	Contributing object
		First Airmail Flight Marker	Contributing object
		Number 4 Fountain	Contributing object
		Commodore John Paul Jones Statue	Contributing object
		First Cherry Tree Planting Plaque	Contributing object
		Japanese Lantern	Contributing object
		Japanese Pagoda	Contributing object
		Cuban Friendship Urn	Contributing object/NRHP
17	The Mall Cultural Landscape		NRHP cultural landscape
		Vegetation: grass panels, elm tree panels, Ulmus americana planted 1920s-1975, Ulmus americana cultivars replacement of the original elms	Contributing
		Circulation: Jefferson Drive, Madison Drive, 3rd Street, 4th Street, 7th Street, 14th Street, North Vista Walk (formerly Washington Drive), South Vista Walk (formerly Adams Drive), sidewalks along Madison and Jefferson Drives, walk along 5th Street axis, walk along 6th Street axis, walk along 8th Street axis, walk along 9th Street axis, walk along 10th Street axis, walk along 12th Street axis, walk along 13th Street axis	Contributing
		Views and vistas: vista from the Capitol to Washington Monument, views from Mall to Union Square, views to building facades from Mall, views to elms from walks and grass panels, views up cross streets	Contributing
		Small-scale features: benches (1930s design for NCP) and streetlights (1930s design for Mall)	Contributing

Map ID	Resource Name		NRHP Designation
18	Washington Monument and Grounds Historic District		NRHP historic district
		Views and vistas: Axial views through Jefferson Pier of the White House and Thomas Jefferson Memorial; Views from the site to the Lincoln Memorial, White House, Thomas Jefferson Memorial, and the U.S. Capitol; Views from top of Monument to the surrounding city and important sites	Contributing
		Circulation roads and walkways, vegetation, and small-scale features	Contributing
		Monument Lodge	Contributing building
		Survey Lodge/Boiler House	Contributing building
		Washington Monument Grounds cultural landscape	Contributing site
		German-American Friendship Garden	Contributing site
		Sylvan Theater	Contributing site
		Washington Monument	Contributing structure/NRHP
		Bulfinch Gateposts (2) (U.S. Capitol Gateposts)	Contributing structure
		Raoul Wallenberg Place (15th Street south of Independence Avenue)	Contributing structure
		Independence Avenue corridor (including Maine Avenue corridor)	Contributing structure
		Tidal Basin Parking Lot Corridor	Contributing structure
		Tidal Basin Walk with metal pipe handrail – near Tidal Basin Parking Lot	Contributing structure
		Survey Lodge service drive	Contributing structure
		100th Anniversary Plaques (2)	Contributing object
		Benches – cast-iron-and-wood slat at perimeter of site (1 group)	Contributing object
		Cobblestone gutters along Survey Lodge service drive (1 group)	Contributing object
		Washington Globe lights along the service drive behind the Survey Lodge (1 group)	Contributing object
		Twin-20 streetlights along Independence and Maine Avenues (1 group)	Contributing object
		Ring of 50 aluminum flagpoles (1 group)	Contributing object
		Jefferson Pier Marker	Contributing object
		Elevation Obelisk	Contributing object
19	Washington Monument Grounds Cultural Landscape		NRHP cultural landscape

Map ID	Resource Name		NRHP Designation
		Vegetation: Street Trees along Tidal Basin Parking; Lawn; Mulberry Tree; Street Trees along 17th Street, Constitution Avenue, 14th Street; Cherry Groves along Tidal Basin; Open Groves; Elm tree along Raoul Wallenberg Place; Elms along Tidal Basin Parking Lot; Elm in southwest grove near Survey Lodge; Catalpa tree behind Survey Lodge; and Large Elm along Tidal Basin near intersection of Raoul Wallenberg and Maine Avenue	Contributing
		Circulation: 17th Street corridor, including sidewalks; Constitution Avenue corridor, including sidewalks; 14th Street corridor, including sidewalks; Independence and Maine Avenue corridors; Tidal Basin Parking Lot corridor; Tidal Basin walk; Raoul Wallenberg Place corridor; Flagstone steps at the Sylvan Theater	Contributing
		Washington Monument	Contributing/NRHP
		Monument Lodge	Contributing
		Survey Lodge	Contributing
		Jefferson Pier survey marker	Contributing
		Bulfinch gateposts (U.S. Capitol Gateposts)	Contributing/NRHP
		Independence Avenue Overpass	Contributing
		Seawall	Contributing
		Views and vistas: Views from D.C. and surrounding region to Monument, Views from top of Monument to the surrounding city and important sites, Views from the site to the Lincoln Memorial, White House, Thomas Jefferson Memorial, and the U.S. Capitol, Vistas of the Monument from Lincoln Memorial, White House, Thomas Jefferson Memorial, and the U.S. Capitol, Axial views through Jefferson Pier of the White House and Thomas Jefferson Memorial, Screened views of the site features	Contributing
		Small-scale features: Elevation Obelisk, Twin-20 double lamp streetlights, Washington Globe single lamp streetlights, Cast-iron and wood slat benches, Ring of flagpoles, Dedication plaque at monument base, Stone-lined drainage ditch at Survey Lodge Service Drive, and Pipe Handrail - Tidal Basin	Contributing
20	Civil War Monuments in Washington, D.C.	Inclusive of Ulysses S. Grant Memorial	NRHP
21	Rock Creek Park and Potomac Parkway Historic District		NRHP historic district
		Spatial organization: the linear arrangement of the parkway including component roads, pedestrian circulation, open spaces, etc. from north to south; the linear arrangement of the seawall, shared use trail and lawn, parkway roadway proper, and lawn from west to east	Contributing
		Land use as a link connecting Rock Creek Park to West Potomac Park, as a commuter roadway, and a recreational area	Contributing
		Circulation: Rock Creek Potomac Parkway roadway; Pedestrian path to the west of the parkway, between Virginia Avenue, N.W., and F Street, N.W.; Kennedy Center Promenade; granite block median and shoulder; and granite curbs	Contributing
		Topography: human-made site, with a gentle slope rolling downwards from the adjacent properties to the east toward the Potomac River seawall	Contributing

Map ID	Resource Name		NRHP Designation
		Vegetation: Sycamore Allée, ca. 1936 vegetation, ca. 1966 vegetation, medium to large specimen trees, trees adjacent to the Roosevelt bridge	Contributing
		Stone seawall along the Potomac Waterfront Section of the Rock Creek Potomac Parkway	Contributing
		The Belvedere (Constitution Avenue, N.W.)	Contributing
		Retaining walls and rip rap along the banks of the Rock Creek	Contributing
		Kennedy Center Stone Retaining Wall	Contributing
		Aluminum handrail along the promenade and integrated bench seat to the east of the promenade	
		Views and vistas from the parkway to the surrounding environs, including the Potomac River, Theodore Roosevelt Island, Georgetown and Key Bridge, Arlington Memorial Bridge, Virginia, shoreline, and West Potomac Park.	Contributing
		Twin-20 Lampposts at the Belvedere	Contributing
22	East and West Potomac Park Historic District		
		Views and Vistas from locations: Tidal Basin; Tidal Basin Inlet Bridge; Tidal Basin Outlet Bridge; Potomac River Seawall; Commodore John Paul Jones Statue; Cuban Friendship Urn; Franklin Delano Roosevelt Memorial; Korean War Veterans Memorial; Martin Luther King, Jr. Memorial; World War II Memorial; Franklin Delano Roosevelt Memorial Visitor Center; Martin Luther King, Jr. Memorial Visitor Center; World War II Memorial Restrooms; World War II Memorial Visitor Center; East Basin Drive Bridge.	
		Lockkeeper's House	Contributing/NRHP
		Stone Seawalls	Contributing
		Tidal Basin	Contributing
		Tidal Reservoir Outlet Bridge	Contributing
		Commodore John Paul Jones Statue	Contributing
		Japanese Cherry Trees	Contributing
		Lincoln Memorial	Contributing/NRHP
		Dutch Elm Trees	Contributing
		Reflecting Pool	Contributing
		Lincoln Memorial Grounds	Contributing
		John Ericsson Monument	Contributing
		Arlington Memorial Bridge	Contributing/NRHP
		District of Columbia World War I Memorial	Contributing
		Flood Control Levee	Contributing

Map ID	Resource Name		NRHP Designation
		Jefferson Memorial	Contributing
		Independence Avenue Extension	Contributing
		Jefferson Memorial Grounds	Contributing
		Kutz Bridge	Contributing
		Guard House	Contributing
		Japanese Lantern	Contributing
		Japanese Pagoda	Contributing
		Constitution Gardens	Contributing
		56 Signers Memorial	Contributing/NRHP
		Vietnam Veterans Memorial	Contributing
		Vietnam Women's Memorial	Contributing
		Franklin Delano Roosevelt Memorial	Contributing/NRHP
		Korean War Veterans Memorial	Contributing
		Stone Seawalls	Contributing
		Potomac Railroad Bridge	Contributing
		Ohio Drive, SW	Contributing
		U.S. Engineers' Storehouse	Contributing
		East Potomac Park Field House	Contributing
		East Potomac Park Golf Course	Contributing
		East Potomac Park Miniature Golf Course	Contributing
		East Potomac Park Swimming Pool	Contributing
23	American Revolutionary Statuary in the District of Columbia	Inclusive of Commodore John Paul Jones Statue	NRHP

Sources: Army National Military Cemeteries and Virginia State Historic Preservation Officer (2026); Arlington National Cemetery et al. (n.d. [2026]); Bobeczko and Robinson (1998); Dillon (1972); EDAW, Inc. (1992a, 1992b); EHT Traceries, Inc. and Stantec (2018); Frisbie et al. (2024); Krakow (1993); McIntosh (1979, 1980a, 1980b); National Park Service (2004, 2005, 2006a, 2006b, 2009a, 2009b, 2015, 2016, 2018a, 2018b, 2022a, 2022b, 2024); Pfanz (1980, 1981); Robinson et al. (2016); Scott (1977); Seagraves et al. (1980); Smith et al. (2013); Virginia Polytechnic Institute and State University (2009).

NHL: National Historic Landmark; NRHP: Designated Lised/Eligible for the National Register of Historic Places.

Table 2. Historic Properties within the Area of Indirect Effects

Map ID	Resource Name	NRHP Designation	Contributing Views/Vistas
24	Mount Vernon Memorial Highway Cultural Landscape – North of Alexandria	NRHP	Views and Vistas: Northbound vista of the Washington Monument; Northbound views of the Potomac; Views of the U.S. Capitol Building Northbound vista of the Washington Monument; Southbound view of the Roaches Run lagoon.
25	Cuban Friendship Urn	NRHP	Located in West Potomac Park with views of the Potomac River.
26	FDR Memorial	NRHP	Views from memorial to the Tidal Basin. View from Eleanor Roosevelt statue to the White House.
27	Arlington Ridge Park	NRHP	Views and Vistas: view along Ridge Path to Netherlands Carillon; view from Marine Corps War Memorial to parade ground; view from Netherlands Carillon to flower beds below; view from Netherlands Carillon to Mall; view from reviewing stand to parade ground, and across parade ground to Marine Corps War Memorial; view from U.S. Marine Corps War Memorial to Lincoln Memorial, Watergate Steps, and National Mall; views along entrance drive into park; views along pedestrian walks to Marine Corps Memorial statue; views along Ridge Path and from Netherlands Carillon grounds to National Mall; views from park to Arlington National Cemetery.
28	Pentagon	NHL/NRHP	View/vista: view of Arlington National Cemetery, vistas of the Monumental Core of Washington D.C., across the Potomac, clear views of Washington from Arlington National Cemetery, and vice versa.
29	Fort Myer Historic District	NHL/NRHP	Views toward Washington D.C, Arlington Cemetery; the Pentagon; Potomac River.
30	Quarters 1	NHL/NRHP	Views toward Washington D.C, Arlington Cemetery; the Pentagon.
31	Theodore Roosevelt Island Historic District	NRHP	Views to and from the memorial plaza and statue.
32	Theodore Roosevelt Island Cultural Landscape	NRHP	Views and Vistas: Internal views within and across memorial plaza.
33	Washington Canoe Club	NRHP	Views and Vistas: Views from north of the Washington Canoe Club (WCC) boathouse toward the Chesapeake & Ohio Canal (C&O Canal) and Georgetown; Views from the aqueduct's northern abutment toward the Potomac River, the WCC, the C&O Canal, Georgetown, the Potomac Boat Club, and Key Bridge; Views from the C&O Canal toward the Potomac River, the WCC boathouse, and the aqueduct's northern abutment; Views from the WCC boathouse's façade toward the Virginia shore, Key Bridge, and Three Sisters Islands; Vista along the C&O Canal.
34	George Mason Memorial	NRHP	Views and Vistas: Inward views of the George Mason Memorial; vista from the George Mason Memorial Sculpture to the Inlet Bridge.
35	Thomas Jefferson Memorial	NRHP	Views and Vista to and from to the Thomas Jefferson statue to the Tidal Basin and White House and Washington Monument.
36	Thomas Jefferson Memorial Cultural Landscape	NRHP	Views and vistas: View across Tidal Basin to Cherry Trees; view south to Interstate 395 and 14th Street Bridge; View West to Potomac River past Franklin Delano Roosevelt Memorial; Vista North to White House and Washington Monument; Vista to Lincoln Memorial; Vistas to East and West of Memorial.
37	DC War Memorial Cultural Landscape	NRHP	Views and Vistas: View looking north of the Reflecting Pool; View looking south of the Tidal Basin.
38	United States Capitol	NHL/NRHP	Views/vistas of the National Mall, the Tidal Pool, the Washington Monument; and other adjacent resources. Axial views up Pennsylvania Avenue NW and SE. Views to Union Station.

Map ID	Resource Name	NRHP Designation	Contributing Views/Vistas
39	U.S. Capitol Gatehouses and Gateposts	NRHP	No contributing views. Gateposts flank 15th Street and Constitution Avenue, NW in Washington Monument Grounds and President's Park. Gatehouse in SE corner of President's P*ark.*
40	Smithsonian Building	NHL/NRHP	Views/vistas of the National Mall, within the National Mall. Views of the Potomac River from the waterfront.
41	Georgetown Historic District	NHL/NRHP	Views/vistas of Rock Creek and Potomac Parkway.
42	Old Navy Observatory	NHL/NRHP	View of the Potomac River below Theodore Roosevelt Island, including Memorial Bridge, Arlington Cemetery, and Arlington House; view over Theodore Roosevelt Island and the Georgetown waterfront, including Key Bridge; view over West Potomac Park and the Lincoln Memorial.
43	Pennsylvania Avenue National Historic Site	NRHP	Contributing resources include Old Post Office and Clock Tower. Views and vistas of the Pennsylvania Avenue National Historic Site.

Sources: Army National Military Cemeteries and Virginia State Historic Preservation Officer (2026); Arlington National Cemetery et al. (n.d. [2026]); Bobeczko and Robinson (1998); Dillon (1972); EDAW, Inc. (1992a, 1992b); EHT Traceries, Inc. and Stantec (2018); Frisbie et al. (2024); Krakow (1993); McIntosh (1979, 1980a, 1980b); National Park Service (2004, 2005, 2006a, 2006b, 2009a, 2009b, 2015, 2016, 2018a, 2018b, 2022a, 2022b, 2024); Pfanz (1980, 1981); Robinson et al. (2016); Seagraves et al. (1980); Scott (1977); Smith et al. (2013); Virginia Polytechnic Institute and State University (2009).

NRHP = Designated listed/eligible for the National Register of Historic Places; NHL = National Historic Landmark.

Table 3. Assessment of Adverse Effects

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Memorial Avenue Corridor Cultural Landscape	A, B, C, D, F, G	The proposed undertaking may adversely affect the corridor's setting, context and viewshed, including the obstruction of distant views that characterize the historic resource, and which serve as a defining feature of the corridor, including: the view of the Washington Monument from various locations along the corridor; view to Hemicycle and Arlington House; view to Lincoln Memorial; and views to the Capitol dome and other resources of the D.C. monumental core from Memorial Circle.	Memorial Avenue corridor is architecturally significant as a mile-long axial composition. Memorial Circle is the one portion of the Memorial Avenue composition that was not designed by McKim Mead and White architectural firm; the circle is attributed to Gilmore Clarke, an early designer of the American Parkway. With the proposed undertaking, the corridor would be physically altered with an intrusion that changes the circulation patterns, and contributing viewsheds, and modifies the design continuity of the corridor. The corridor is identified as meeting moderate rather than high integrity, although its primary architectural features are identified as retaining high integrity. With the proposed undertaking, these architectural resources may be adversely affected. In addition, the proposed undertaking may result in the loss of contributing landscape elements The pines at the four pylons near Memorial Circle are identified as contributing to the cultural landscape and may be adversely affected. The granite block paving surfaces, along the bridges as well as appearing in triangular islands to the east and west of Memorial Circle, are also contributing elements and should be retained.	The proposed undertaking would introduce adverse direct and indirect effects.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Arlington Memorial Bridge and Associated Features	C	Views from the resource and to the resource, as well as the bridge's immediate setting would be altered.	The Arlington Memorial Bridge historic resource encompasses architectural, landscape, and sculptural features to the east and west, including Memorial Circle. The bridge and associated features serve as a symbolic linkage of the North and South by connecting the Lincoln Memorial and Arlington House. With the proposed undertaking, this balanced architectural relationship would be altered and the visual continuity would be obstructed. The sculptural and landscape elements that define Memorial Circle, including two sets of 35-foot-tall granite pylons and the circulation pattern, circular lawn and annual floral plantings, would be removed or diminished. The design continuity of Memorial Drive is also a contributing element of the resource.	The proposed undertaking would result in adverse direct and indirect effects.
Lady Bird Johnson Park Cultural Landscape	A, C	The proposed undertaking would physically obstruct contributing views within the landscape and along Arlington Memorial Bridge, and it would alter views to resources such as Arlington House, Lincoln Memorial, the Potomac River, and Arlington Memorial Bridge.	The island's significance is tied to its central role in the axial composition linking the Lincoln Memorial with the entrance to Arlington National Cemetery. The main axis of Arlington Memorial Bridge, Memorial Cricle, and Boundary Channel Extension bridge are as originally built, with medium integrity, and are significant for their design as well as their association with the history of the American parkway. The proposed undertaking would directly affect the circulation of Memorial Circle, a contributing resource of the cultural landscape. Anticipated construction staging is planned for a portion of the Park, which may have a direct effect on contributing vegetation.	The proposed undertaking would result in adverse direct and indirect effects.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Arlington National Cemetery Historic District	A, B, C, D, F, G	The proposed undertaking would alter and partially obstruct contributing views from Arlington House and Kennedy Gravesite to Lincoln Memorial and Washington Monument. The undertaking would also alter contributing views to and from Memorial Amphitheater from various locations. The proposed undertaking would alter contributing views of ANC from the Lincoln Memorial, Memorial Bridge, Memorial Drive.	The proposed undertaking would result in direct effects to contributing resources in the Arlington National Cemetery Historic District, including circulation system resources that are identified as contributing to the historic district and contributing monuments adjacent to the proposed site. Direct effects from the proposed undertaking would also result from the partial obstruction of the resource's visual relationship with Lincoln Memorial and the Memorial Avenue Corridor. The axial relationship of the historic property to other major monuments is integral to its historic significance.	The proposed undertaking would result in adverse direct and indirect effects.
Arlington House Historic District	A, B, C, D	The proposed undertaking would alter contributing views east from Arlington House. There is potential that the proposed undertaking would partially obstruct views of Lincoln Memorial and Arlington Memorial Bridge from Arlington House.	Arlington House is oriented with long views toward Washington D.C. This relationship to Washington D.C. and the Potomac is a character-defining feature of the resource. Contributing resources in the historic district also derive significance from their orientation and views toward the Potomac River and Washington D.C.	The proposed undertaking would result in adverse direct and indirect effects.
Arlington House (Robert E. Lee Memorial)	A, B, C, D	The proposed undertaking has the potential to alter contributing views. The proposed undertaking would alter contributing views east from Arlington House. There is potential that the proposed undertaking would alter views of Lincoln Memorial and Arlington Memorial Bridge from Arlington House.	Direct effects from the proposed undertaking would result from the property's partial obstruction from its relation to the Lincoln Memorial and the Memorial Avenue Corridor, a symbolic spatial relationship.	The proposed undertaking would result in adverse direct and indirect effects.
Arlington House Cultural Landscape	A, B, C, D, F	The proposed undertaking would alter contributing views from and to the resource, including the view between the house and Washington D.C.	Due to the changes to contributing views and vistas, the proposed undertaking would present a direct adverse effect to the cultural landscape.	The proposed undertaking would result in adverse direct and indirect effects.
Lyndon B. Johnson Memorial Grove	A, C	Primary views from the resource are generally eastward across the Potomac River and views of the undertaking would therefore not be prominent or direct but may have indirect effects on the setting.	The proposed undertaking would be physically distinct from the historic resource and would not introduce a direct adverse effect.	The proposed undertaking may result in adverse indirect effects.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Mount Vernon Memorial Highway Historic District	A, C	The resource's setting would be changed with the proposed undertaking.	The proposed undertaking would occupy the northern terminus of the resource, altering circulation patterns in this designed landscape.	The proposed undertaking would result in adverse indirect and direct effects.
Lincoln Memorial Cultural Landscape	A, C	The setting and context of the cultural landscape may be adversely affected by the loss of contributing vistas as well as the altered character of the landscape and built environment in westward views from the Lincoln Memorial grounds.	The proposed undertaking may result in a direct adverse effect to the reciprocal views between the Lincoln Memorial and Arlington House, which are identified as a contributing resource in the cultural landscape.	The proposed undertaking would result in adverse indirect and direct effects.
Lincoln Memorial	A, B, C,	The Lincoln Memorial west façade is oriented toward the proposed undertaking. . Views across the river would therefore be altered by the proposed undertaking.	The resource is significant for its architectural design, as a major element of the McMillan Commission Plan to form the western terminus of the Mall composition and as the northeastern terminus of an axis that extends across the Arlington Memorial Bridge to Arlington House. The proposed undertaking may result in a direct adverse effect to the Lincoln Memorial as it would change the interrelationships of the existing monumental landscape, which forms an intentional balance between natural and built features, axial and picturesque landscape elements.	The proposed undertaking would result in adverse indirect and direct effects.
National Mall Site and National Mall Historic District	A, C, D, F	The character of views of the Potomac River would be altered with the proposed undertaking, as the proposed undertaking introduces a feature that is dissimilar to its surroundings on the west side of the river.	The resource includes grounds and memorials that derive significance from their distant views, with designs and orientations that rely on direct views of civic monuments.	The proposed undertaking would result in adverse indirect and direct effects.
The Mall Cultural Landscape	A, B, C	The character of views of the Potomac River would be altered with the proposed undertaking, as the proposed undertaking introduces a feature that is dissimilar to its surroundings on the west side of the river.	The resource includes grounds and memorials that derive significance from their distant views, with designs and orientations that rely on direct views of civic monuments.	The proposed undertaking would result in adverse indirect and direct effects.
World War II Memorial	F, G	The proposed undertaking would not adversely affect the resource's contributing views, due to distance, and intervening vegetation and buildings.	No direct effects	No adverse effect is anticipated.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Martin Luther King Jr. Memorial	F, G	The proposed undertaking would not adversely affect the resource's contributing views, due to distance, and intervening vegetation and buildings. Primary views from the memorial are southeast to the Jefferson Memorial. The undertaking would therefore not be prominent or direct.	No direct effects	No adverse effect is anticipated.
Lockkeeper's House and C&O Extension	A, C	The resource is located on the south side of Constitution Avenue, situated with its primary elevation oriented north and away from the proposed undertaking.	No direct effects	No adverse effect is anticipated.
56 Signers Memorial	F, G	No indirect effects	No direct effects	No adverse effect is anticipated.
Washington Monument Structure and Washington Monument and Grounds Historic District	A, C, B, F, G	Views from the top of the monument are a contributing resource and would be altered with the proposed undertaking. The grounds and base of the monument would not include direct and prominent views of the proposed undertaking due to distance and intervening vegetation and topography.	No direct effects.	The proposed undertaking would result in adverse indirect effects.
Washington Monument and Grounds Cultural Landscape	A, C, F	The context and setting of the resource would not be adversely affected by the proposed undertaking, due to distance and intervening vegetation and buildings.	Views to the monument are identified as a contributing resource; these views would be altered and obstructed by the proposed undertaking, resulting in a direct adverse effect to the cultural landscape.	The proposed undertaking would result in adverse direct effects.
Rock Creek and Potomac Parkway Historic District	A, C	Views southwest toward Memorial Bridge are a contributing resource in the Historic District and would be altered with the proposed undertaking.	No direct effects.	The proposed undertaking would result in adverse indirect effects.
Civil War Monuments in Washington, D.C.	A, C	Civil War Monuments include the Ulysses S, Grant Statue Views west along the primary mall axis from the front of the Grant Statue near the U.S. Capitol would encompass the proposed undertaking across the Potomac River. However, the proposed undertaking would not diminish the resource's immediate setting and primary views to the National Mall.	No direct effects	No adverse effect is anticipated.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
East and West Potomac Park Historic District	A, B, C, F, G	Contributing views from the resource are generally oriented toward the Tidal Basin as well as vistas from built resources within the parks. The West Potomac Park riverfront would have direct views of the proposed undertaking. Views across the river would therefore be adversely changed by the proposed undertaking.	No direct effects	The proposed undertaking would result in adverse indirect effects.
American Revolutionary Statuary in the District of Columbia	A, C	One resource includes the John Paul Jones Memorial. Due to the distance of this resource from the proposed undertaking site, and the diminished visibility, this resource would not experience adverse indirect effects.	No direct effects	No adverse effect is anticipated.
Mount Vernon Memorial Highway Cultural Landscape - North of Alexandria	C	The resource's setting would not be changed with the proposed undertaking.	No direct effects	No adverse effect is anticipated.
Cuban Friendship Urn	B, C	The resource would not be adversely affected by changes to its distant viewshed.	No direct effects	No adverse effect is anticipated.
FDR Memorial	F, G	The resource is oriented primarily toward the Tidal Basin, away from the site of the proposed undertaking.	No direct effects	No adverse effect is anticipated.
Arlington Ridge Park	A, C, F, G	Situated on a ridge with long views across the Potomac River, to the monumental core, the park's southeastern views may include the proposed undertaking.	No direct effects	The proposed undertaking would result in adverse indirect effects.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Pentagon	A, B, C	It is anticipated that contributing views, including the views to and from Washington D.C., may be adversely affected with the proposed undertaking. The proposed undertaking would not adversely affect the resource's setting and context, due to distance and the existence of intervening roadway infrastructure.	The northeastern and eastern facades of the Pentagon are designed to capture unobstructed vistas of Washington D.C.'s Monumental Core across the Potomac River, with large terraces including the River Entrance Terrace and Mall Entrance Terrace, the parade ground, and landscaping that are designed to interface with these views. The proposed undertaking would be constructed within this contributing viewshed and there is a potential the proposed undertaking would result in direct adverse effects to the architectural resource	It is anticipated that the proposed undertaking may result in adverse direct and indirect adverse effects, due to visibility.
Fort Myer Historic District and Quarters 1	A	The proposed undertaking would likely not be prominently visible from the resource, due to differentiation in elevation and intervening tree cover. However, the undertaking may be visible in some conditions.	No direct effects	The proposed undertaking would result in adverse indirect effects.
Theodore Roosevelt Island	A, C, D, F	The island is characterized by thick vegetation, and with the Theodore Roosevelt Memorial bridge intervening between the site and proposed undertaking.	No direct effects	No adverse effect is anticipated.
Washington Canoe Club	A, C	The resource is located at a substantial distance from the proposed undertaking; the resource's waterfront setting and views may include distant views of the proposed undertaking however it would not adversely affect the resource's setting, context, and relation to the waterfront.	No direct effects	No adverse effect is anticipated.
George Mason Memorial	A, F	Contributing view from the George Mason Memorial Sculpture to the Inlet Bridge. In leaf off condition, the proposed undertaking would potentially be visible.	No direct effects	The proposed undertaking would result in adverse indirect effects.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Thomas Jefferson Memorial	A, C, F	The resource is oriented toward the Tidal Basin with primary views north, away from the proposed undertaking. It is anticipated that the vegetation bordering the Tidal Basin would obscure direct views to the proposed undertaking, and the distance across the Potomac River would diminish the undertaking's effect on the resource's context and setting.	No direct effects	No adverse effect is anticipated.
Thomas Jefferson Memorial Cultural Landscape	A, C	Contributing views from the cultural landscape include views to the east and west of the Lincoln Memorial. It is anticipated that the proposed undertaking would be situated within this vista.	No direct effects	The proposed undertaking would result in adverse indirect effects.
DC War Memorial Cultural Landscape	A, F	The resource is within a park setting of mature trees that largely block long views to the west.	No direct effects	No adverse effect is anticipated.
United States Capitol	A, C	The proposed undertaking would not adversely affect the resource's contributing views, due to distance, and intervening vegetation and buildings.	No direct effects	No adverse effect is anticipated.
U.S. Capitol Gatehouses and Gateposts	C	The proposed undertaking would not adversely affect the resource's contributing views, due to distance, and intervening vegetation and buildings.	No direct effects	No adverse effect is anticipated.
Smithsonian Building	A, C	The proposed undertaking would not adversely affect the resource's contributing views, due to distance, and intervening vegetation and buildings.	No direct effects	No adverse effect is anticipated.
Georgetown Historic District	A, C, D	The proposed undertaking would not adversely affect the resource's contributing views, due to distance, and intervening vegetation and buildings.	No direct effects	No adverse effect is anticipated.
Old Navy Observatory	A, B, C	Views from the Old Navy Observatory may include the upper portion of the proposed undertaking. However, it is not anticipated that the proposed undertaking would substantially alter the resource's general setting or views.	No direct effects	No adverse effect is anticipated.

Resource Name	Criteria of Significance	Indirect Effects	Direct Effects	Summary of Adverse Effects
Pennsylvania Avenue National Historic Site (Old Post Office and Clock Tower)	A, C	The proposed undertaking would not adversely affect the resource's significance views, due to the property's orientation and primary views as well as its distance from the proposed undertaking. Distant views of the resource from the west would not be adversely affected.	No direct effects	No adverse effect is anticipated.

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