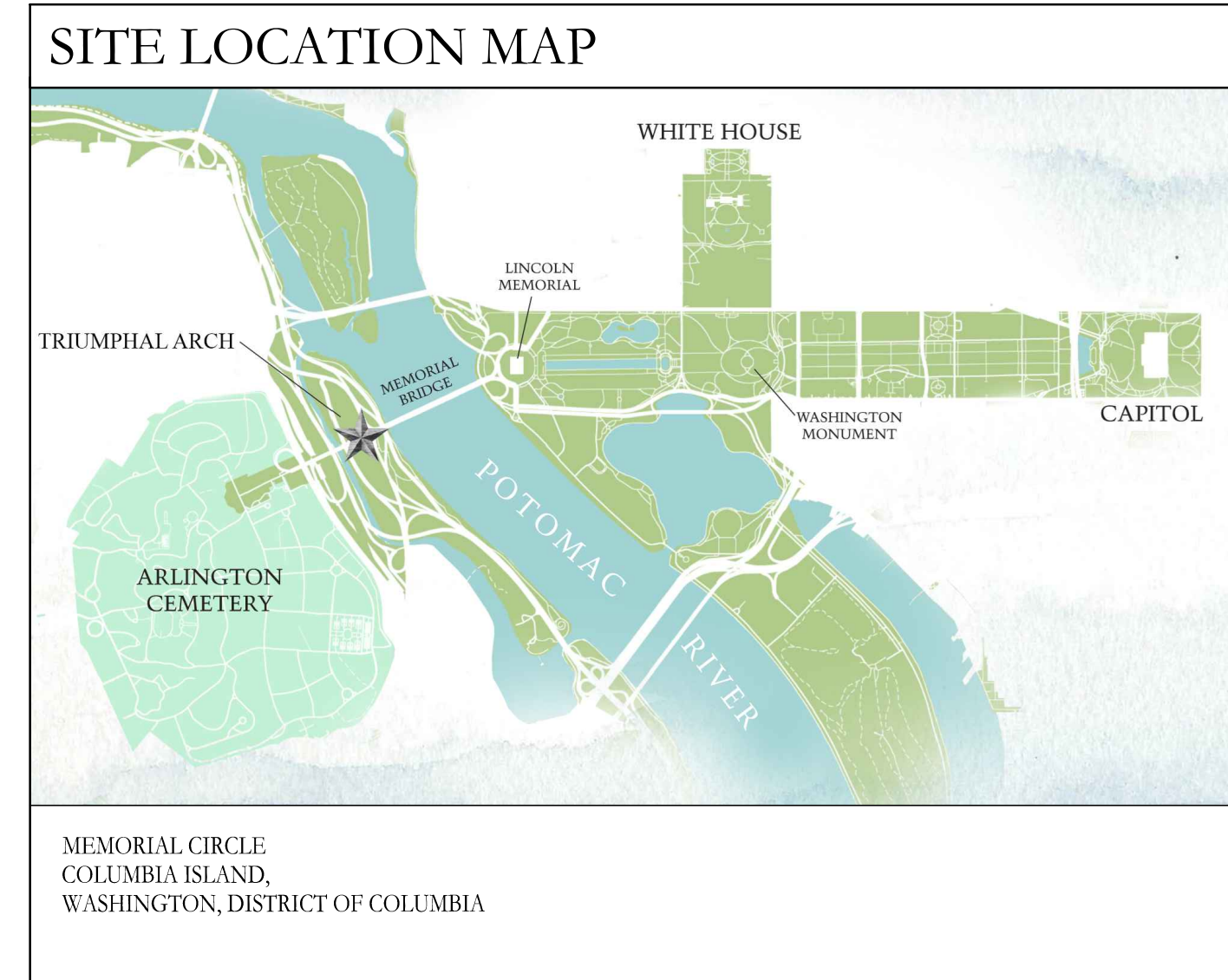


# TRIUMPHAL ARCH WASHINGTON, DISTRICT OF COLUMBIA



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



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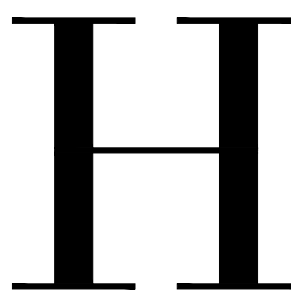
TRIUMPHAL ARCH - WASHINGTON, DC  
WASHINGTON, DC

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Date	06-05-2026
Scale	NTS
Drawn	JG, KA
Checked	NC
Project No.	266206
Title	COVER SHEET
Sheet Number	A-1.00

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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date 06-05-2026

scale NTS

drawn JG, KA checked NC

project no. 266206

title SITE PLAN

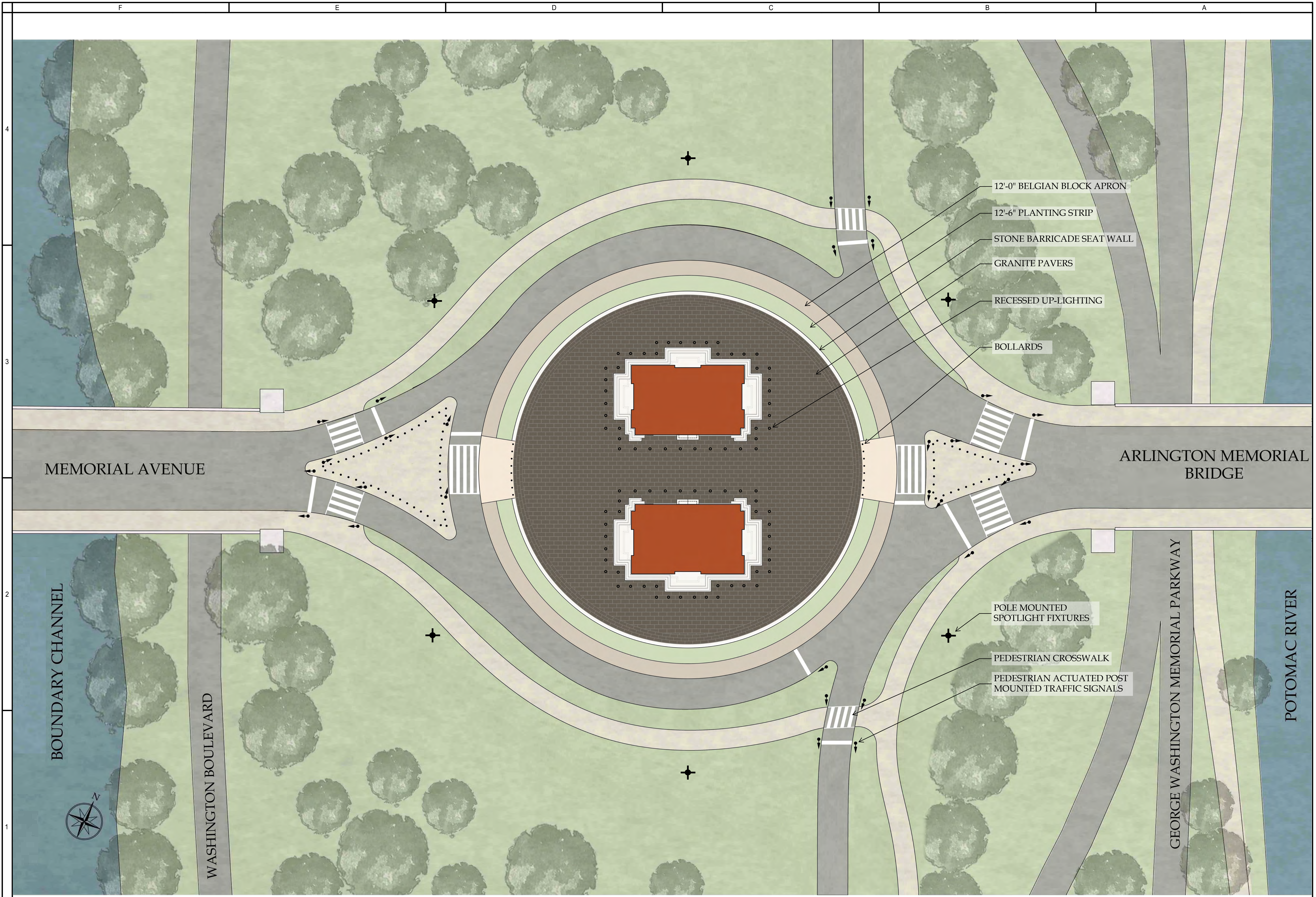
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A-1.20

NOT RELEASED FOR CONSTRUCTION

V:\Projects\ST-Theresa Catholic Church\HD DC Arch-Site Plan.dwg Jun 05, 2026 - 3:50pm

NOT RELEASED FOR CONSTRUCTION



12'-0" BELGIAN BLOCK APRON

12'-6" PLANTING STRIP

STONE BARRICADE SEAT WALL

GRANITE PAVERS

RECESSED UP-LIGHTING

BOLLARDS

POLE MOUNTED SPOTLIGHT FIXTURES

PEDESTRIAN CROSSWALK

PEDESTRIAN ACTUATED POST MOUNTED TRAFFIC SIGNALS

MEMORIAL AVENUE

ARLINGTON MEMORIAL BRIDGE

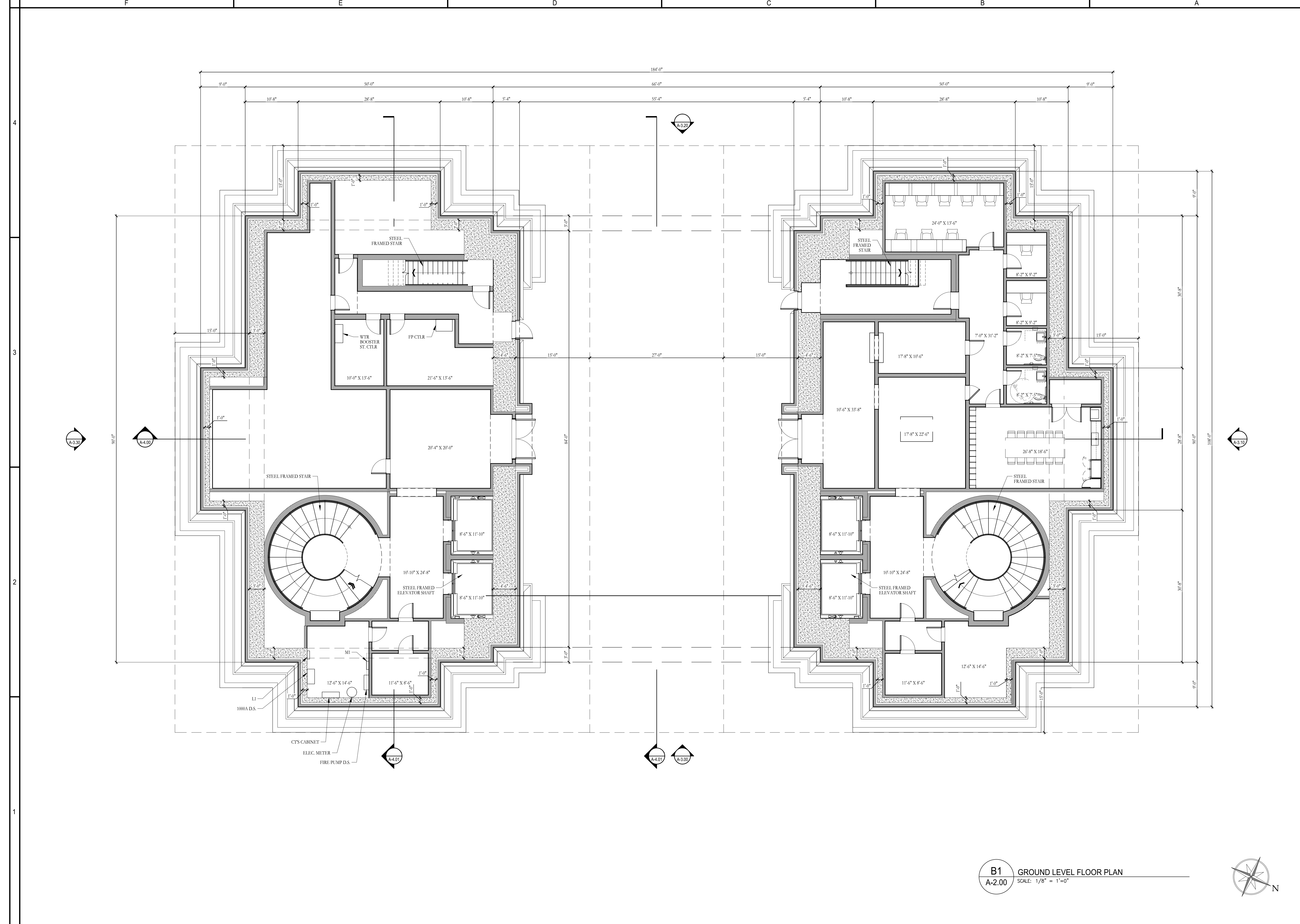
BOUNDARY CHANNEL

WASHINGTON BOULEVARD

GEORGE WASHINGTON MEMORIAL PARKWAY

POTOMAC RIVER

A1 SITE PLAN  
A-1.20 SCALE: 1" = 1'-0"

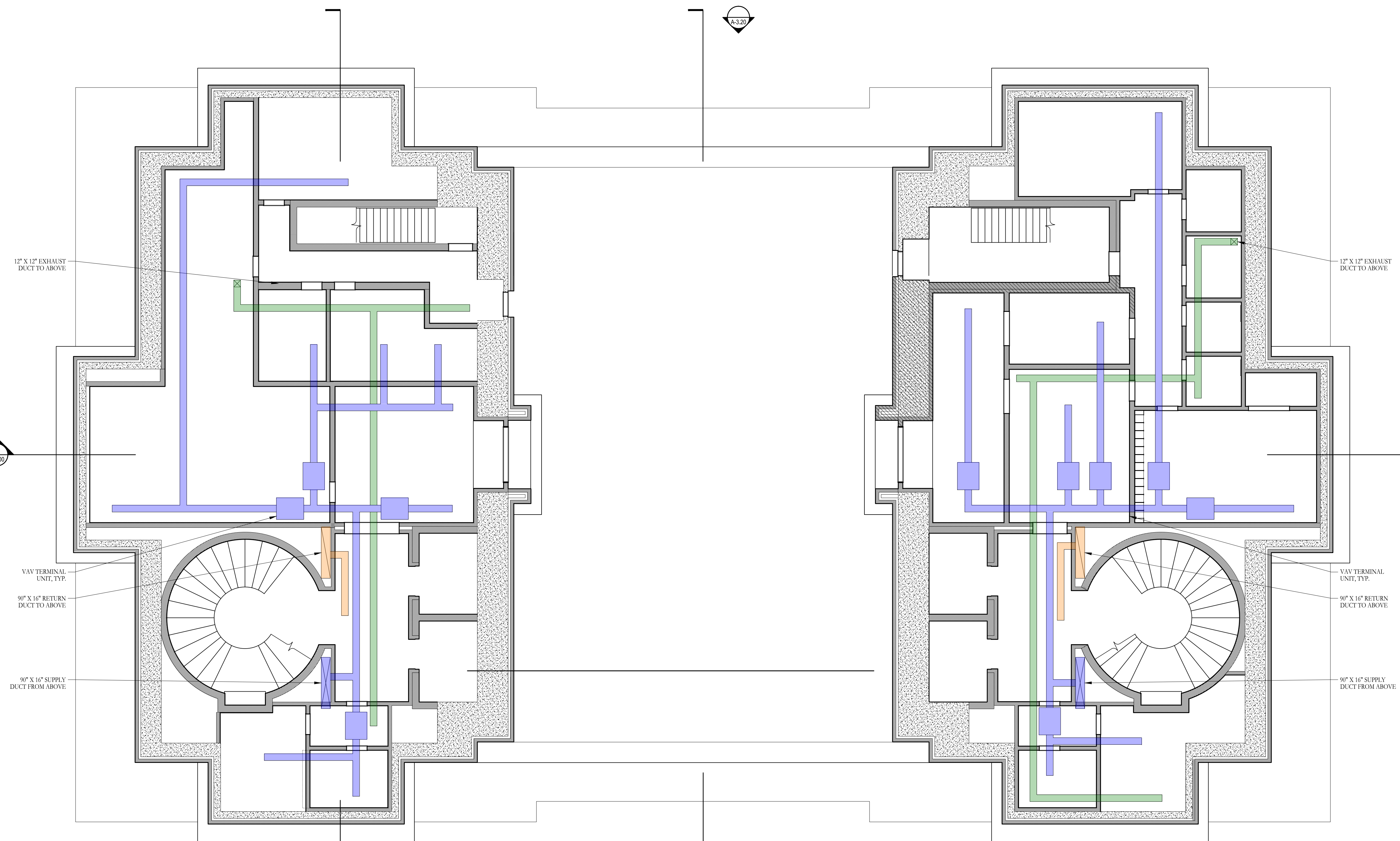


**B1** GROUND LEVEL FLOOR PLAN  
**A-2.00** SCALE: 1/8" = 1'-0"



4  
3  
2  
1

F E D C B A



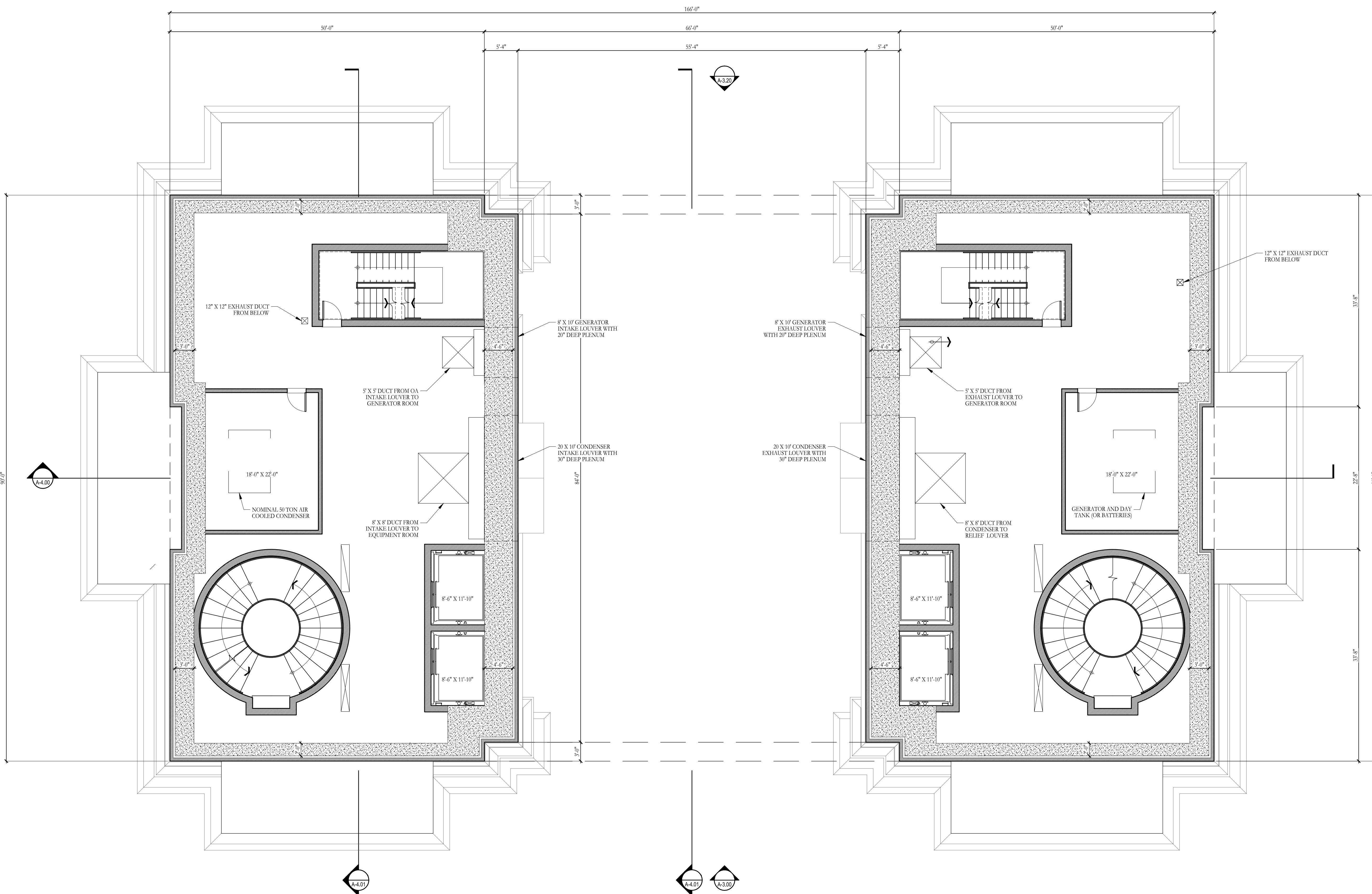
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	SUPPLY AIR
	RETURN / RELIEF AIR
	EXHAUST AIR
	DUCT RISER

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

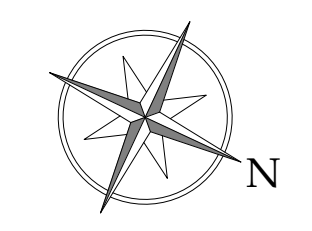


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project no.	266206
title	GROUND LEVEL MECHANICAL REFLECTED CEILING PLAN
sheet number	A-2.01

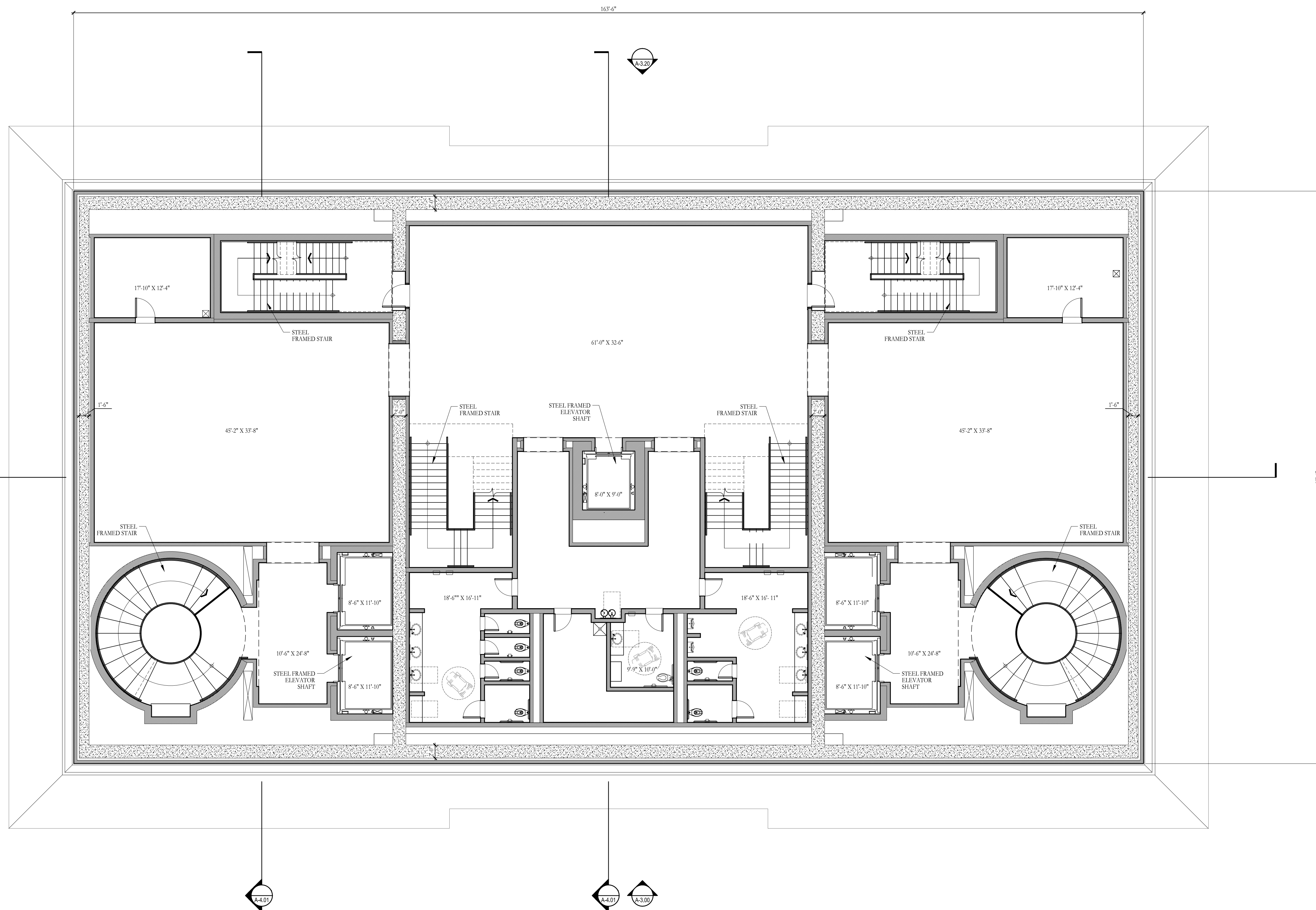
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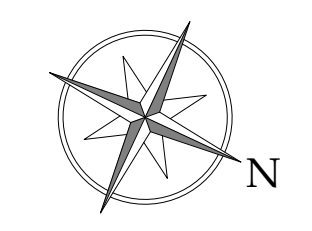
**B1** MECHANICAL LEVEL FLOOR PLAN  
**A-2.10** SCALE: 1/8" = 1'-0"



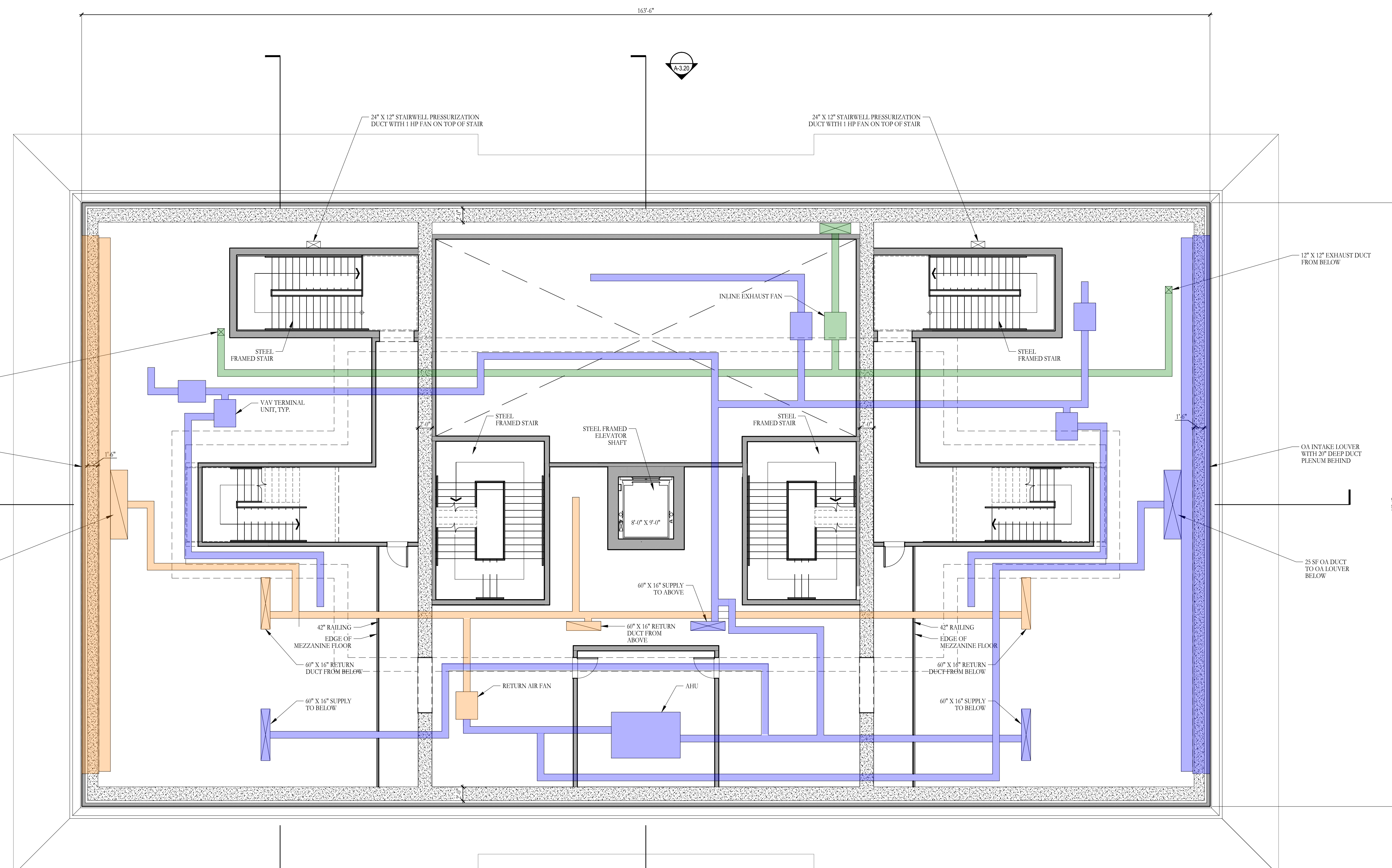
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drawn	JG, KA checked NC
project no.	266206
title	LOWER MEZZANINE FLOOR PLAN
sheet number	A-2.10



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

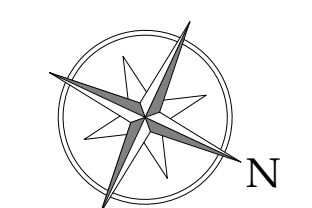


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project no.	266206
title	GALLERY LEVEL FLOOR PLAN
sheet number	A-2.20



MECHANICAL LEGEND	
	SUPPLY AIR
	RETURN / RELIEF AIR
	EXHAUST AIR
	DUCT RISER

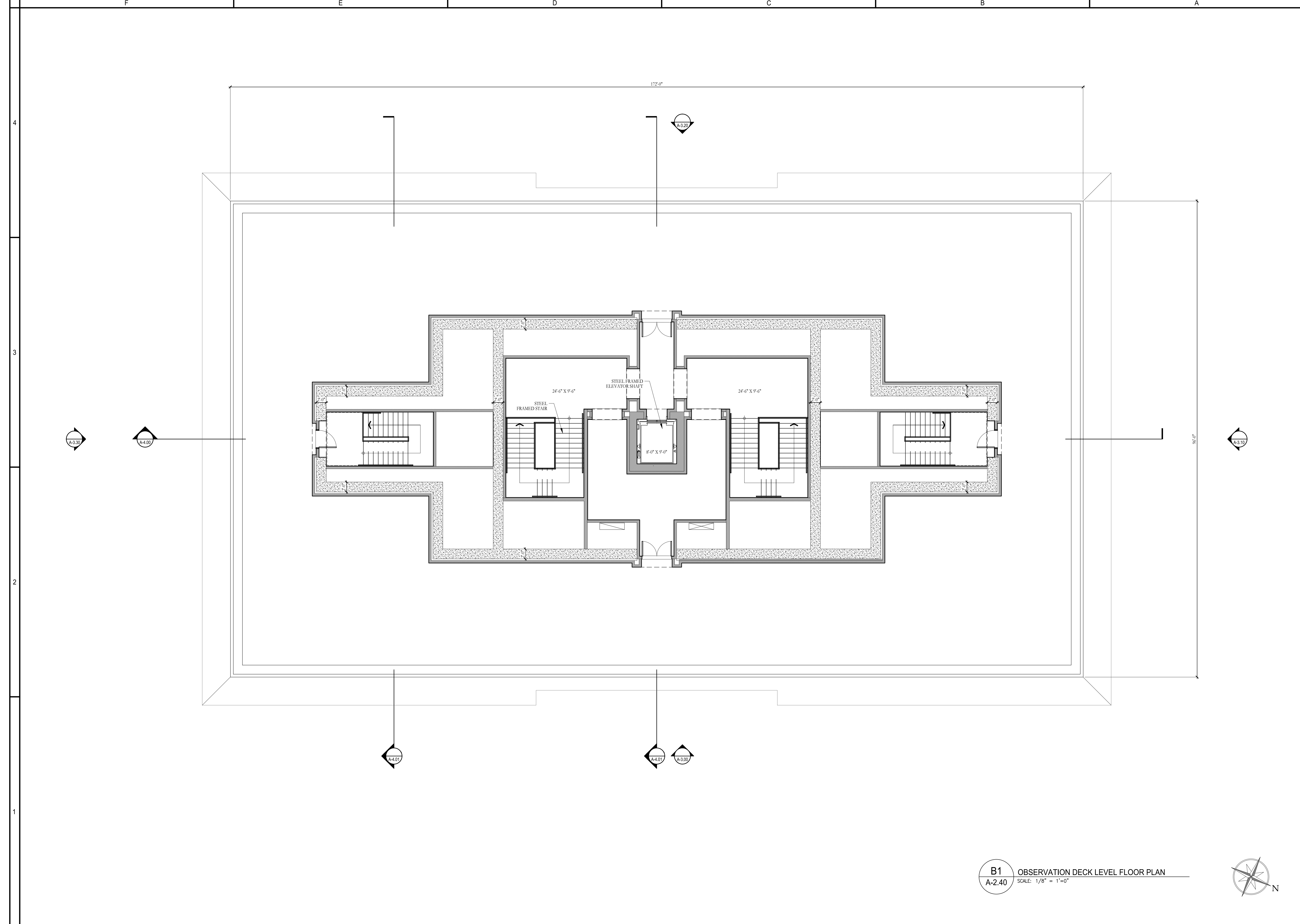
**B1** MEZZANINE FLOOR PLAN  
A-2.30 SCALE: 1/8" = 1'-0"



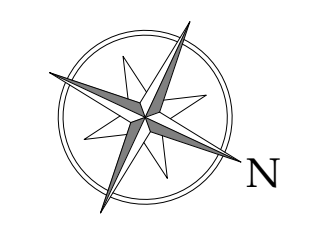
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project no.	266206
title	UPPER MEZZANINE FLOOR PLAN
sheet number	A-2.30

V:\Projects\St. Theresa Catholic Church\266206 AC20 - Floor Plans.dwg Jun 05, 2026 - 6:46pm

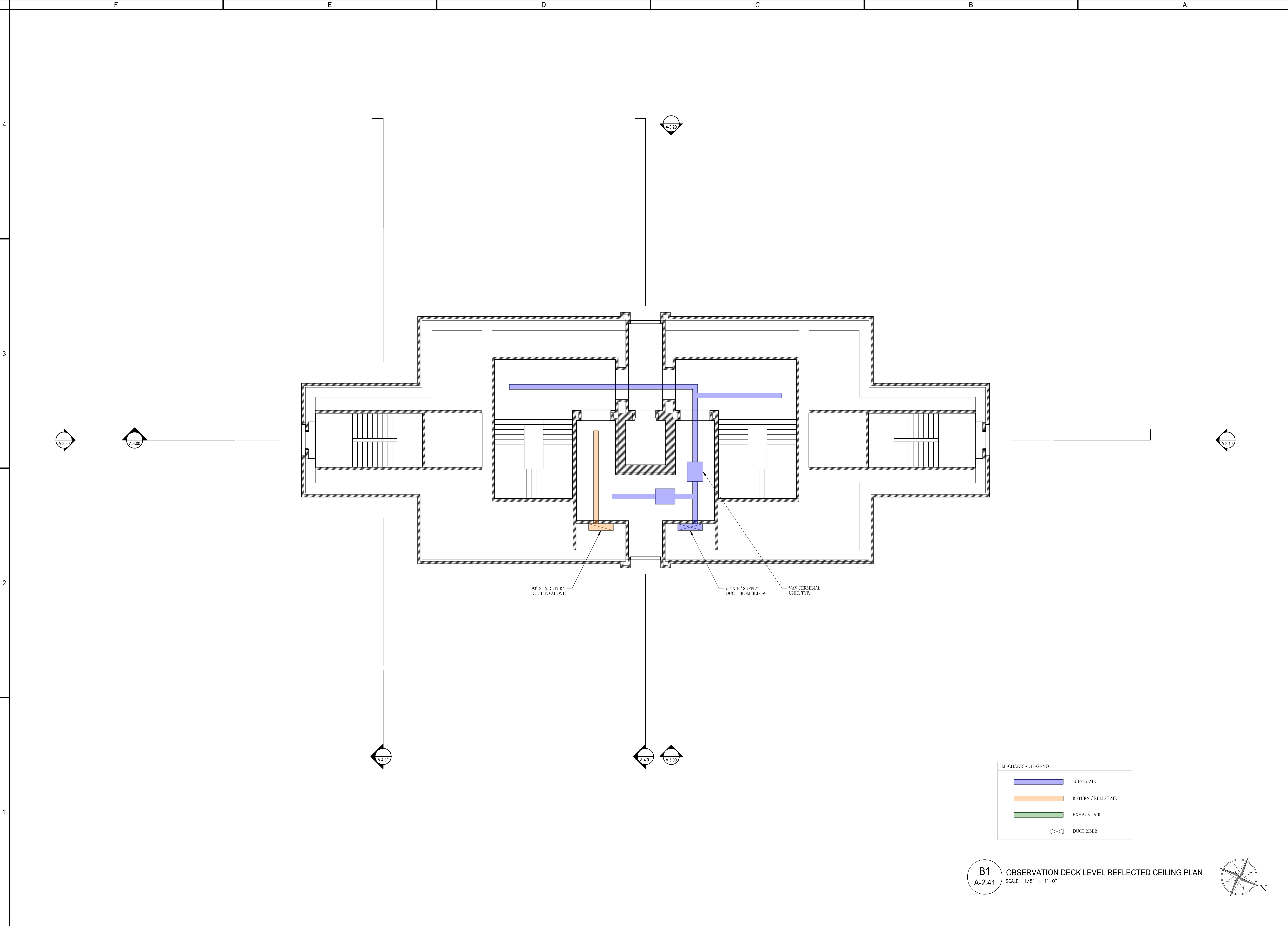
RELEASED FOR CONSTRUCTION



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



issue	
date	06-05-2026
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project no.	266206
title	OBSERVATION DECK LEVEL FLOOR PLAN
sheet number	A-2.40



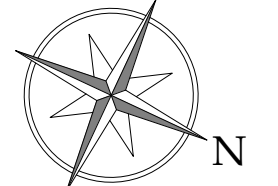
90° X 16" RETURN  
DUCT TO ABOVE

90° X 16" SUPPLY  
DUCT FROM BELOW

VAV TERMINAL  
UNIT, TYP.

MECHANICAL LEGEND	
	SUPPLY AIR
	RETURN / RELIEF AIR
	EXHAUST AIR
	DUCT RISER

**B1** OBSERVATION DECK LEVEL REFLECTED CEILING PLAN  
**A-2.41** SCALE: 1/8" = 1'-0"

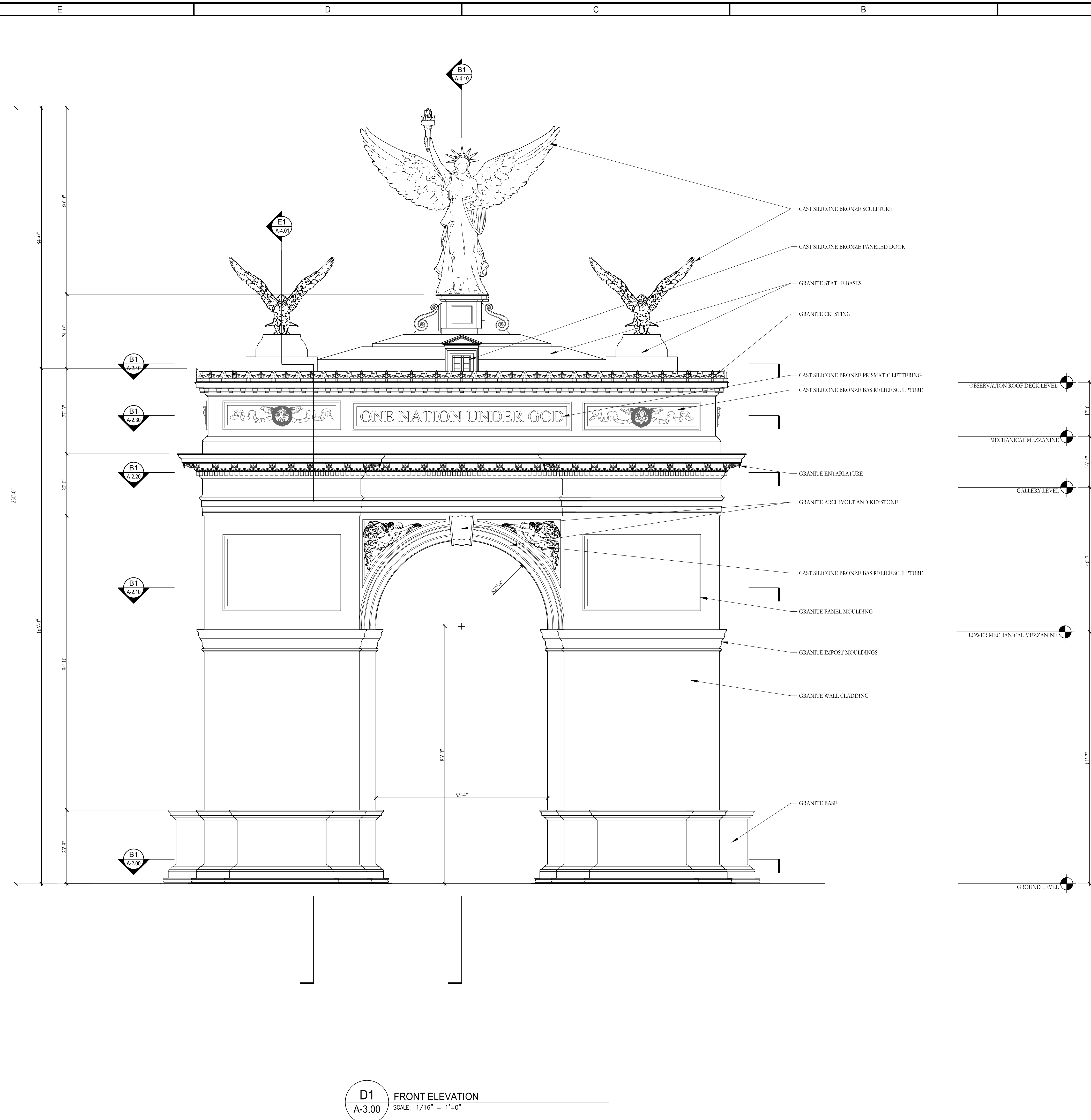


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date	06-05-2026
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drawn	JG, KA checked NC
project no.	266206
title	OBSERVATION DECK LEVEL MECHANICAL REFLECTED CEILING PLAN
sheet number	<b>A-2.41</b>

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WASHINGTON, DC

stamps	
issue	
date	06-05-2026
scale	1/16" = 1'-0"
drawn	JG, KA checked NC
project no.	266206
title	FRONT ELEVATION
sheet number	A-3.00



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

**TRIUMPHAL ARCH - WASHINGTON, DC**

WASHINGTON, DC

stamps

issue

date 06-05-2026

scale 1/16" = 1'-0"

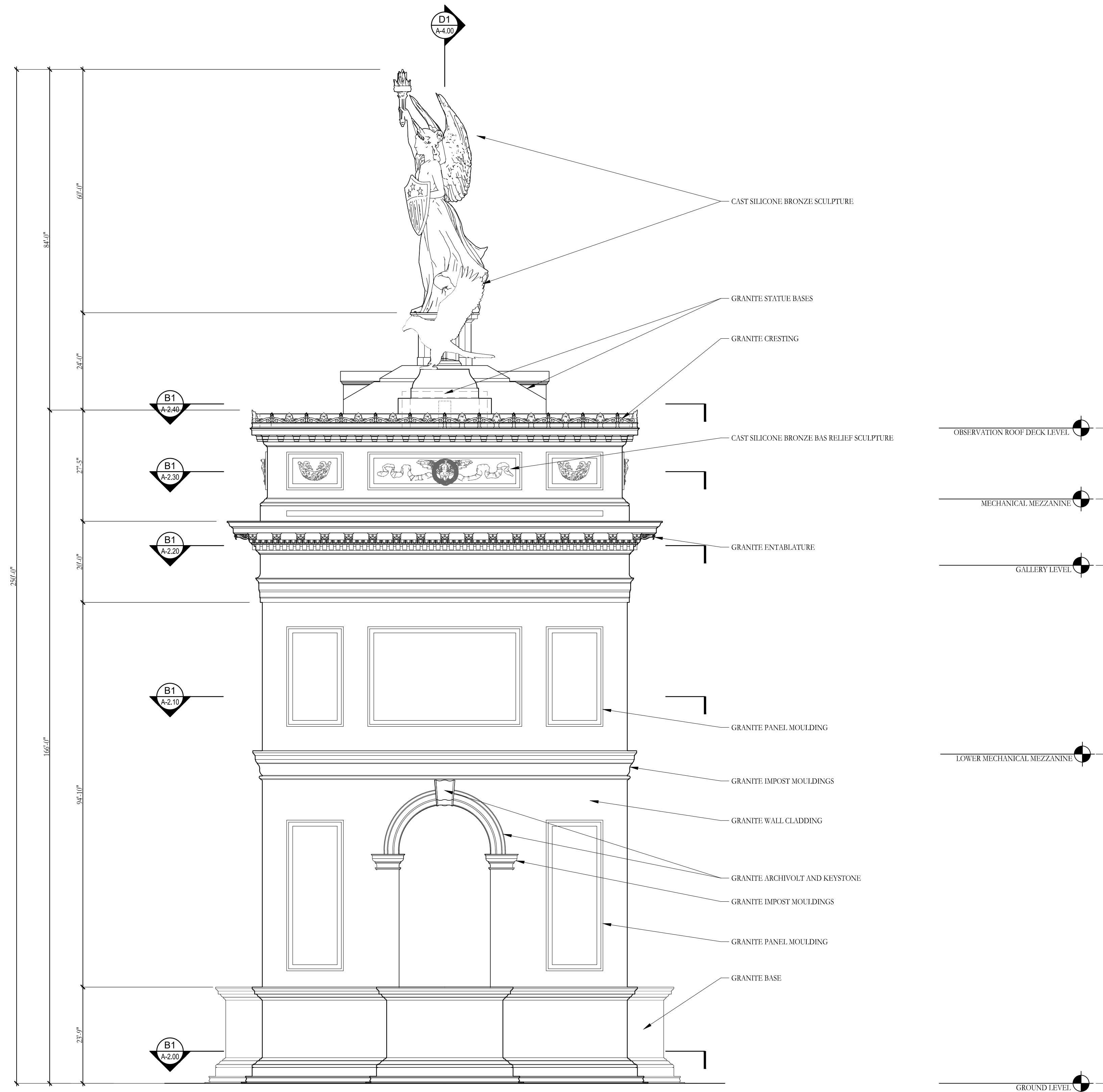
drawn JG, KA checked NC

project no. 266206

title SIDE ELEVATION

sheet number

**A-3.10**



**D1** SIDE ELEVATION  
A-3.10 SCALE: 1/16" = 1'-0"

F

E

D

C

B

A

4

3

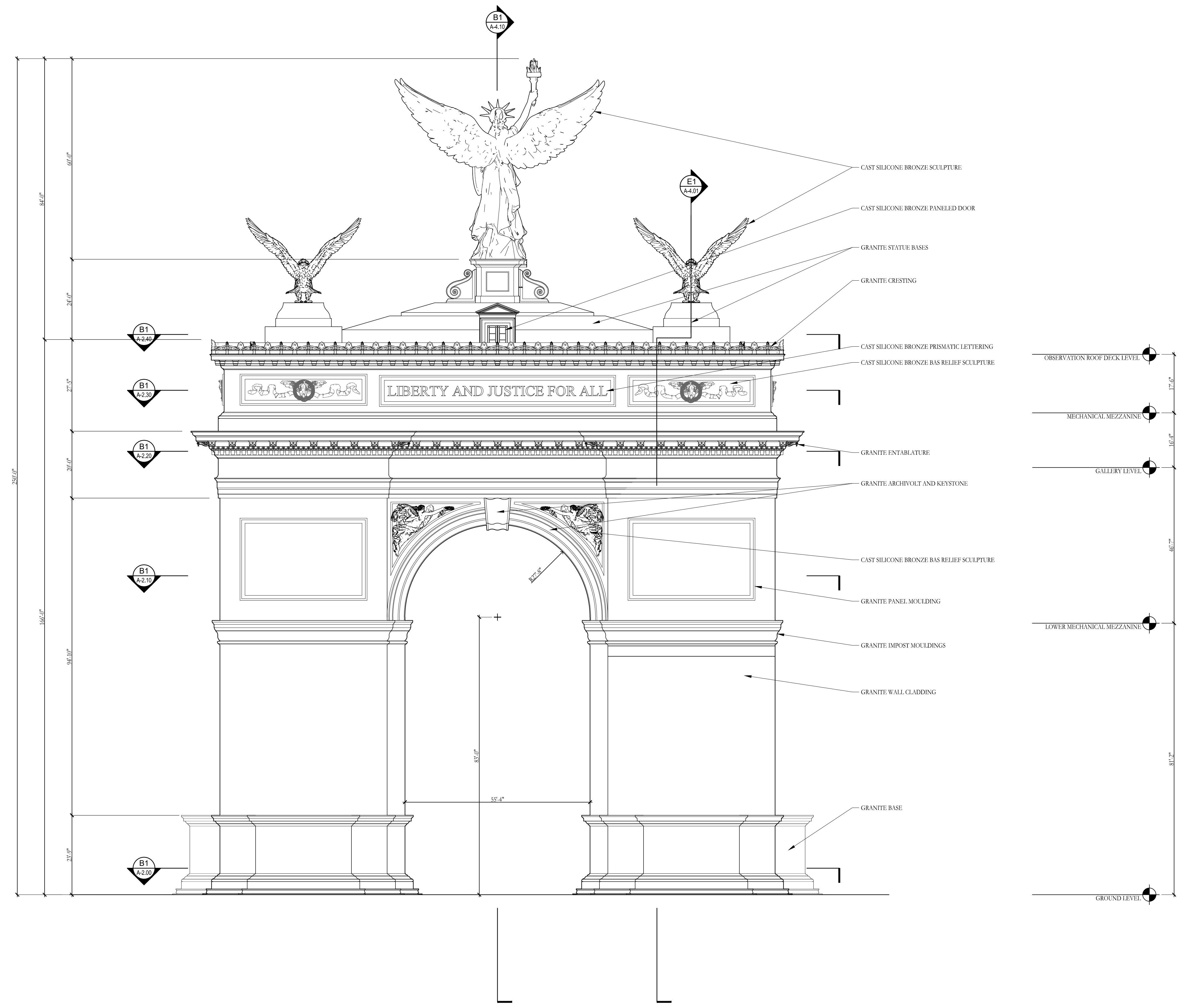
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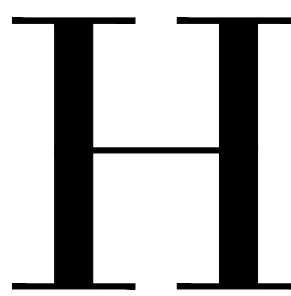
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 WASHINGTON, DC

stamps	
issue	
date	06-05-2026
scale	1/16" = 1'-0"
drawn	JG, KA checked NC
project no.	266206
title	REAR ELEVATION
sheet number	A-3.20



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



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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date 06-05-2026

scale 1/16" = 1'-0"

drawn JG, KA checked NC

project no. 266206

title SIDE ELEVATION

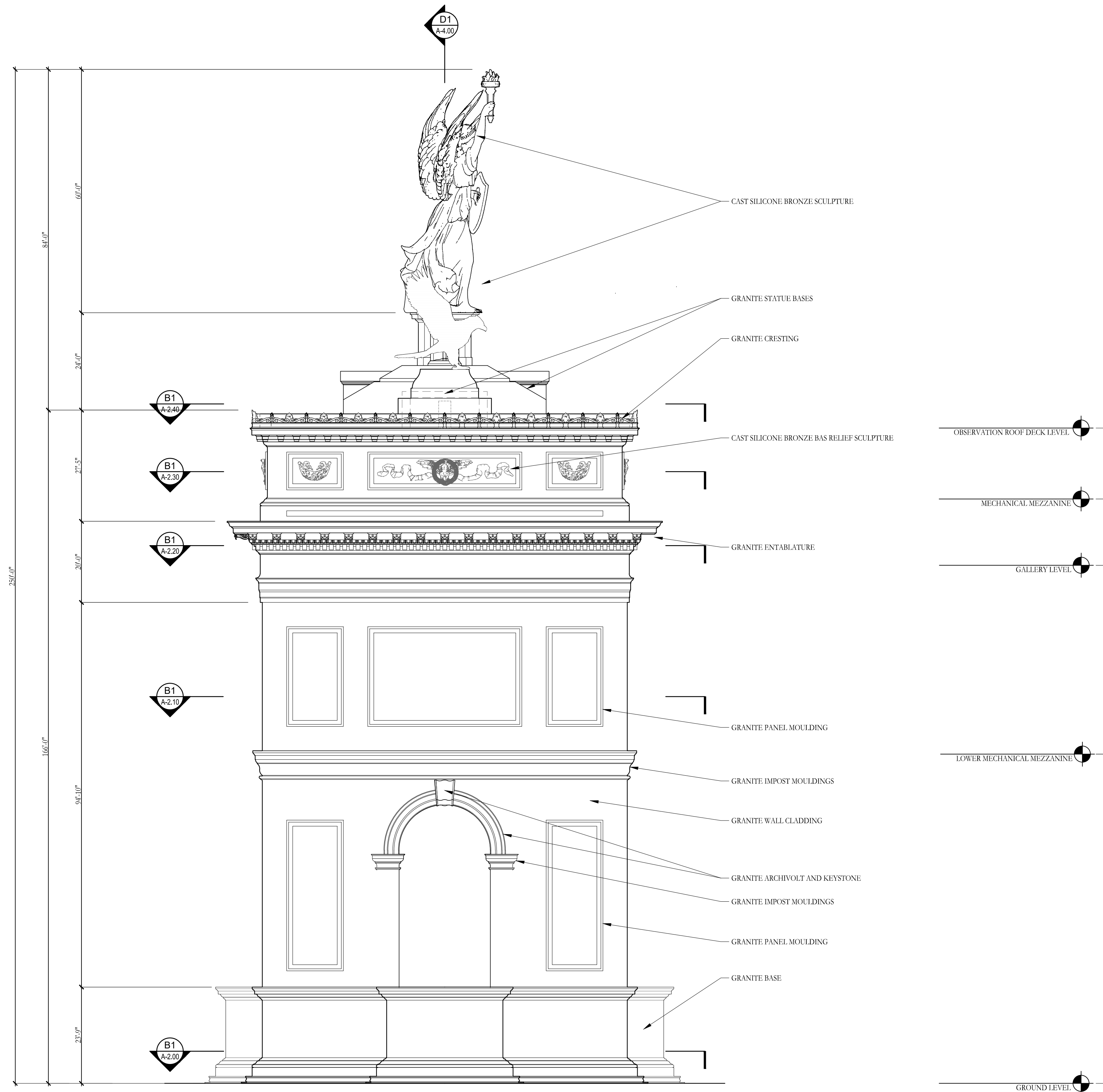
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A-3.30

RELEASED FOR CONSTRUCTION

V:\Project\St. Theresa Catholic Church\266206 A330 - Elevations.dwg Jun 05, 2026 - 6:15pm

RELEASED FOR CONSTRUCTION



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

F

E

D

C

B

A

4

3

2

1

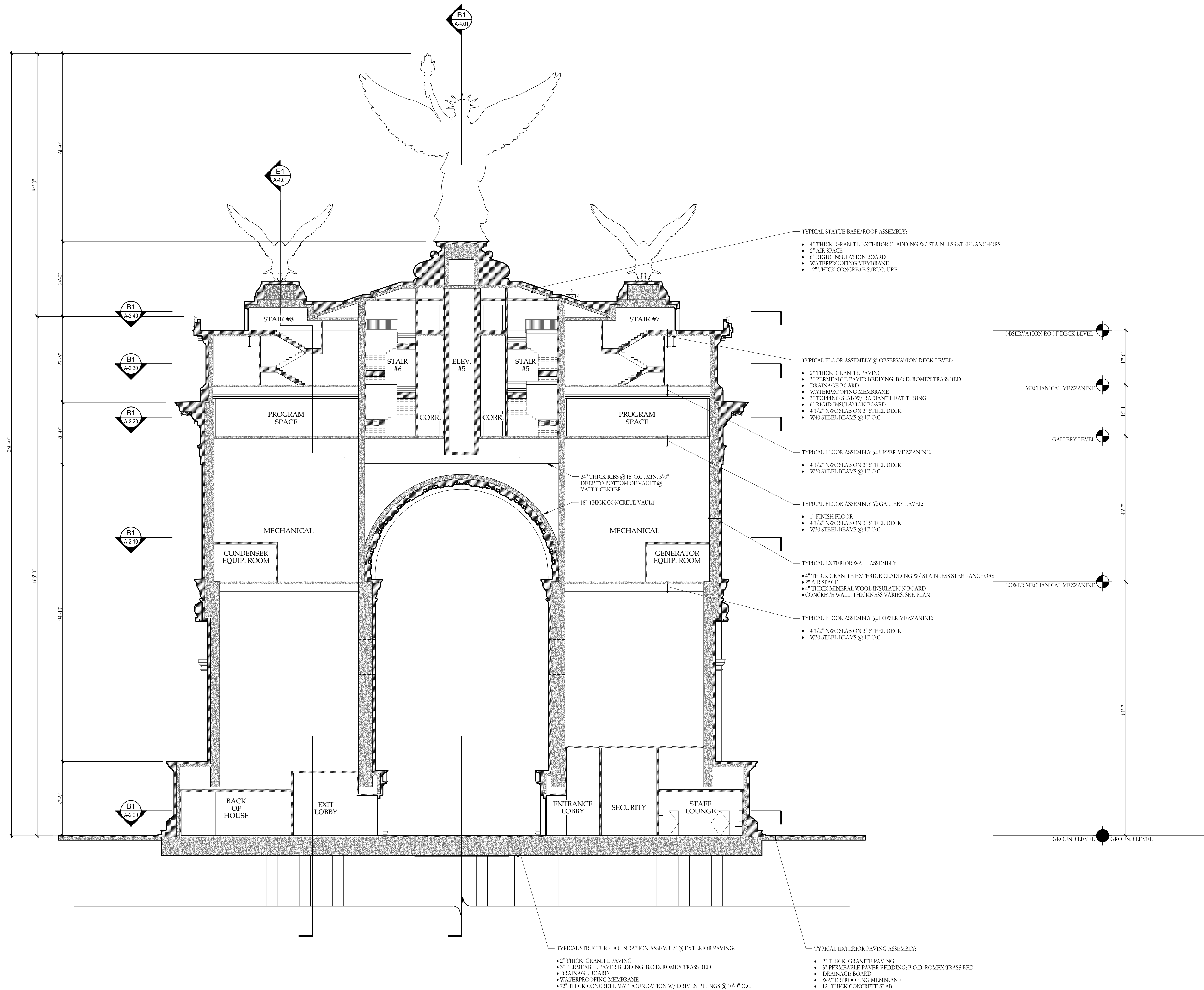
TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

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V:\Project\St. Theresa Catholic Church\266206 A400 - Sections.dwg Jun 05, 2026 - 5:47pm

RELEASED FOR CONSTRUCTION



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

stamps	
issue	
date	06-05-2026
scale	1/16" = 1'-0"
drawn	JG, KA checked NC
project no.	266206
title	BUILDING SECTION
sheet number	A-4.00

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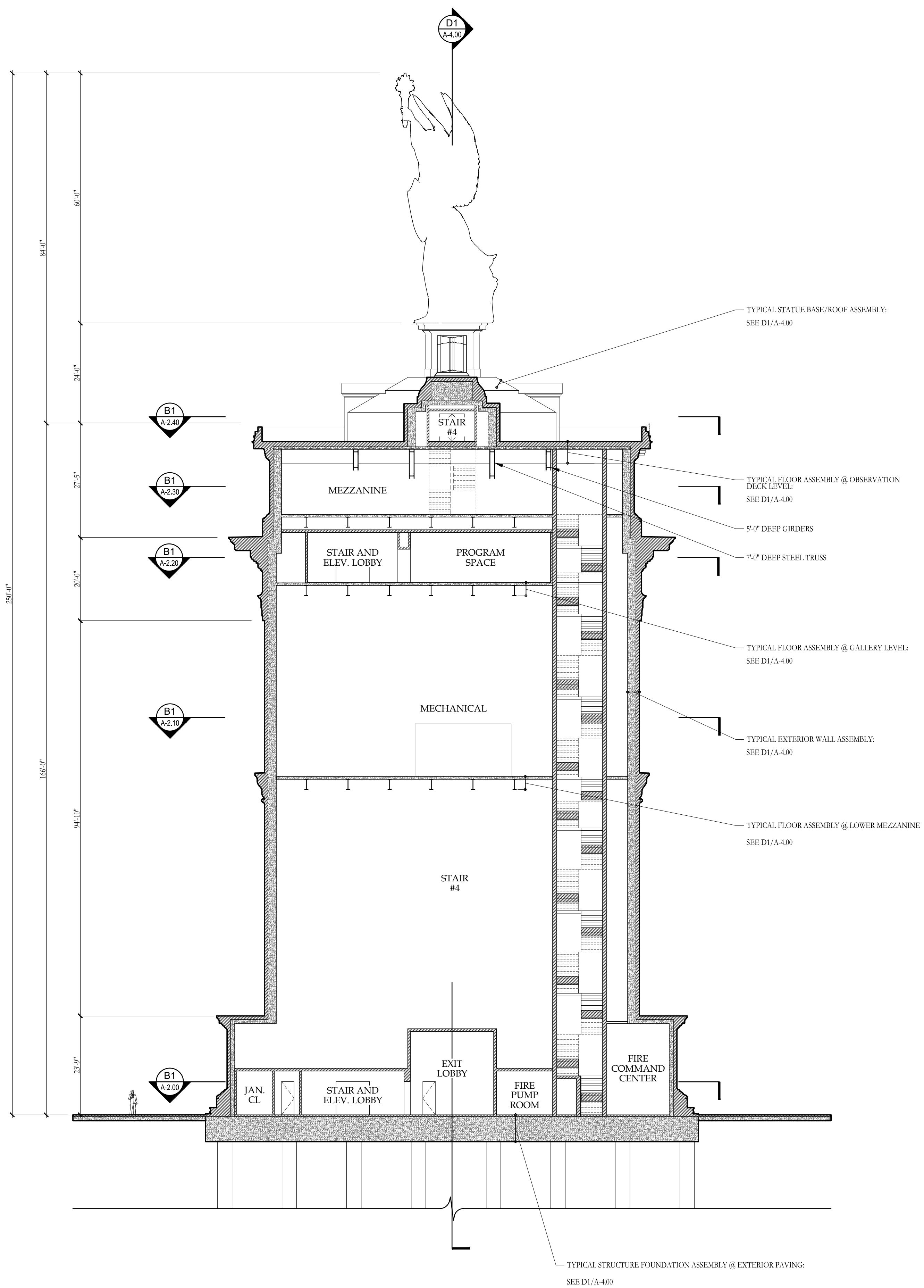
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WASHINGTON, DC

stamps	
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drawn	JG, KA checked NC
project no.	266206
title	BUILDING SECTIONS
sheet number	A-4.01

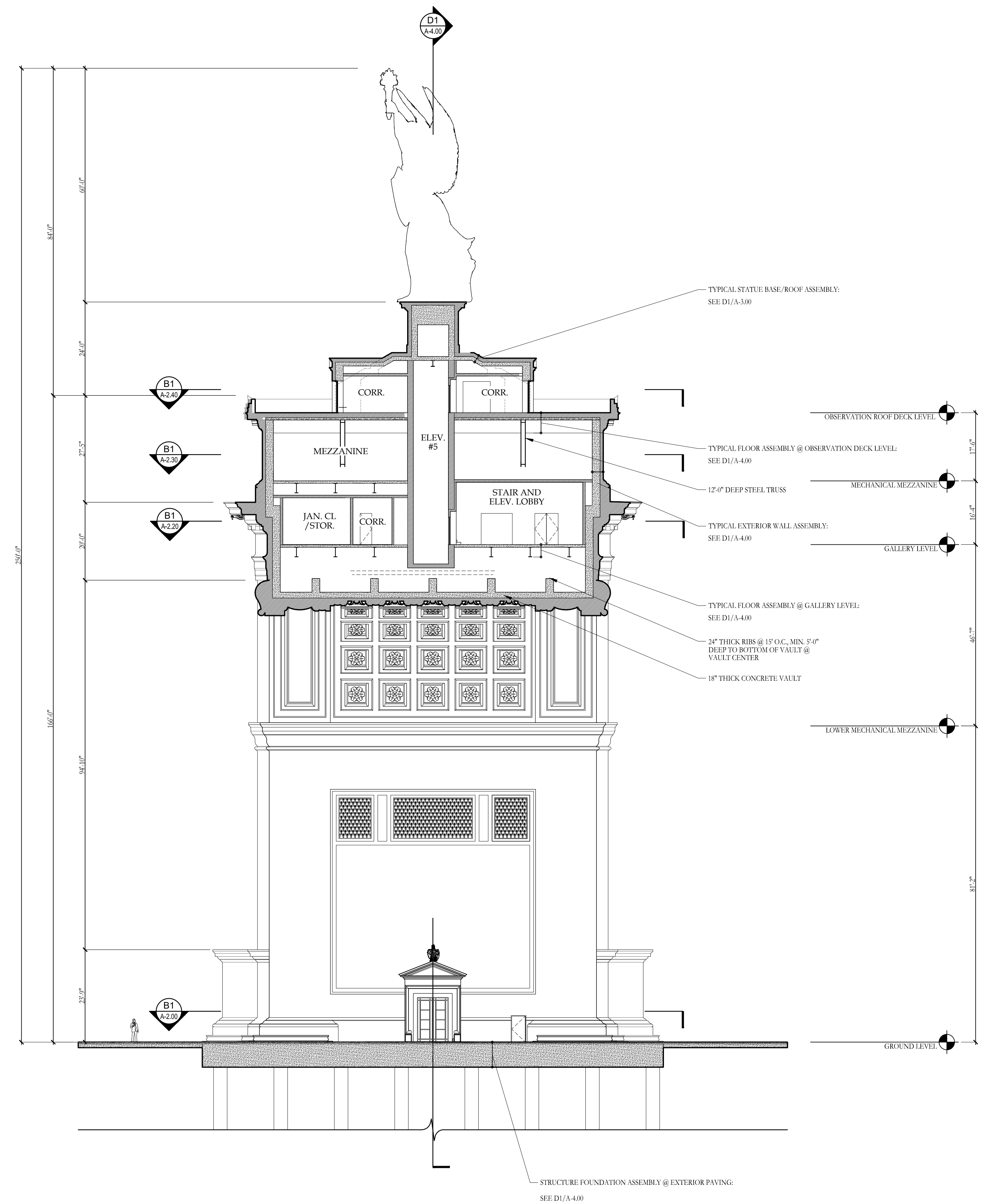
RELEASED FOR CONSTRUCTION

V:\Project\ST-Therese Catholic Church\266206 A401 - Sections.dwg Jun 05, 2026 - 5:48pm

RELEASED FOR CONSTRUCTION



**E1** BUILDING SECTION  
A-4.01 SCALE: 1/16" = 1'-0"



**B1** BUILDING SECTION  
A-4.01 SCALE: 1/16" = 1'-0"



TRIUMPHAL ARCH - WASHINGTON, DC  
FRONT & SIDE ELEVATION

HARRISON  
DESIGN



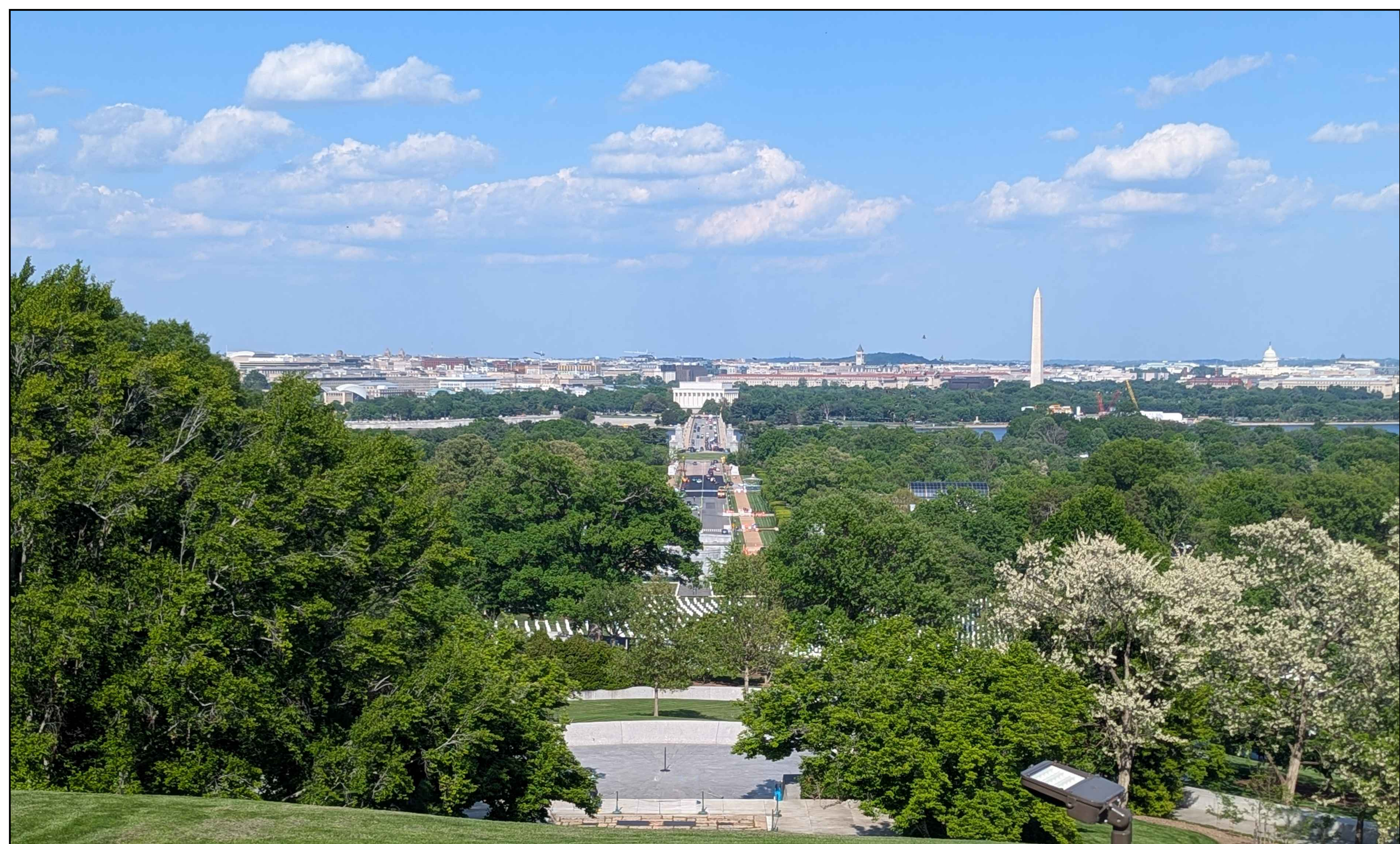
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RENDERING

HARRISON  
DESIGN



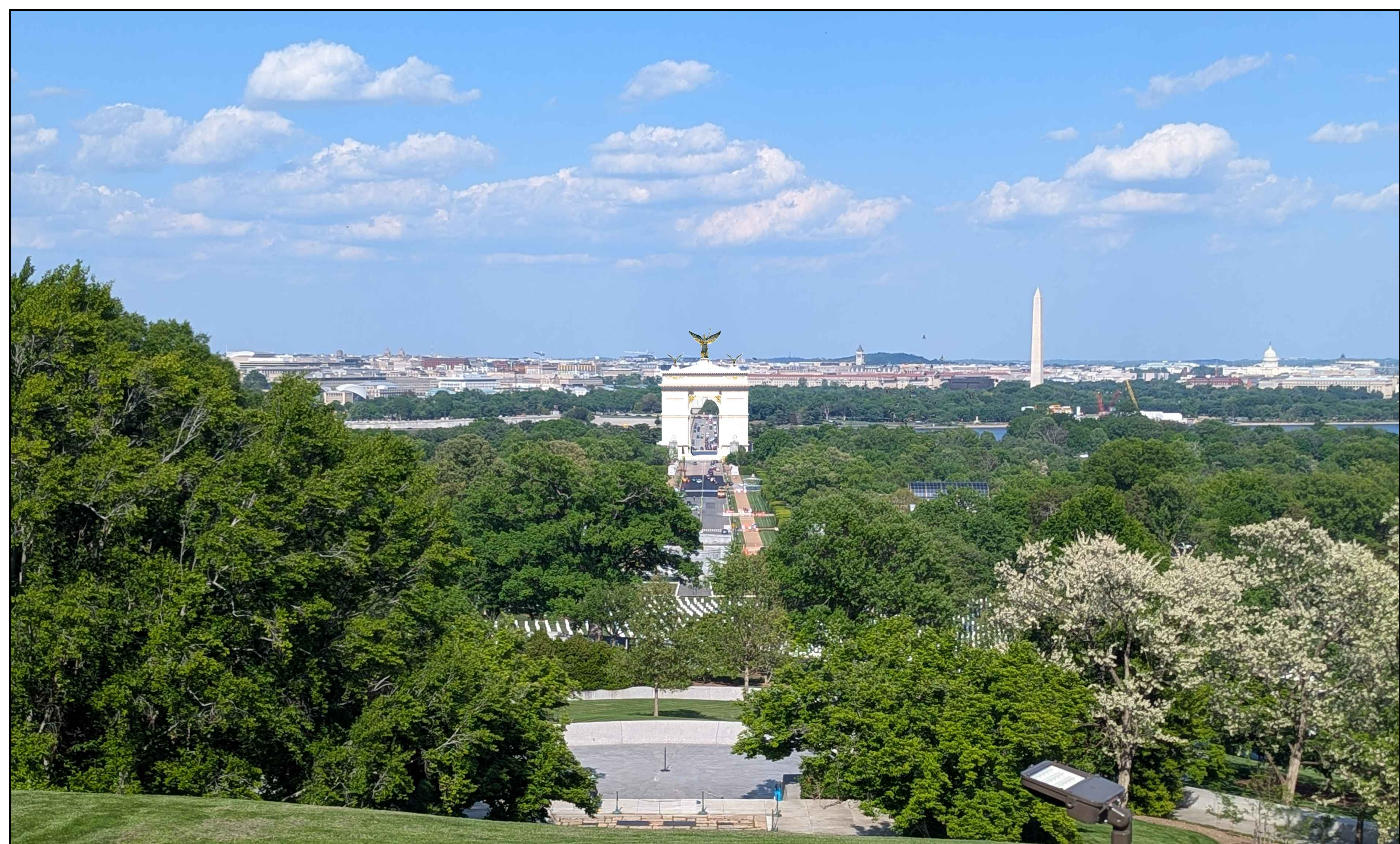
TRIUMPHAL ARCH - WASHINGTON, DC  
RENDERING

HARRISON  
DESIGN



TRIUMPHAL ARCH - WASHINGTON, DC  
VIEW FROM ARLINGTON HOUSE - BEFORE

HARRISON  
DESIGN



A-7.01.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON HOUSE - AFTER

HARRISON  
DESIGN



A-7.02.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM HEMICYCLE - BEFORE

HARRISON  
DESIGN



A-7.02.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM HEMICYCLE - AFTER

HARRISON  
DESIGN



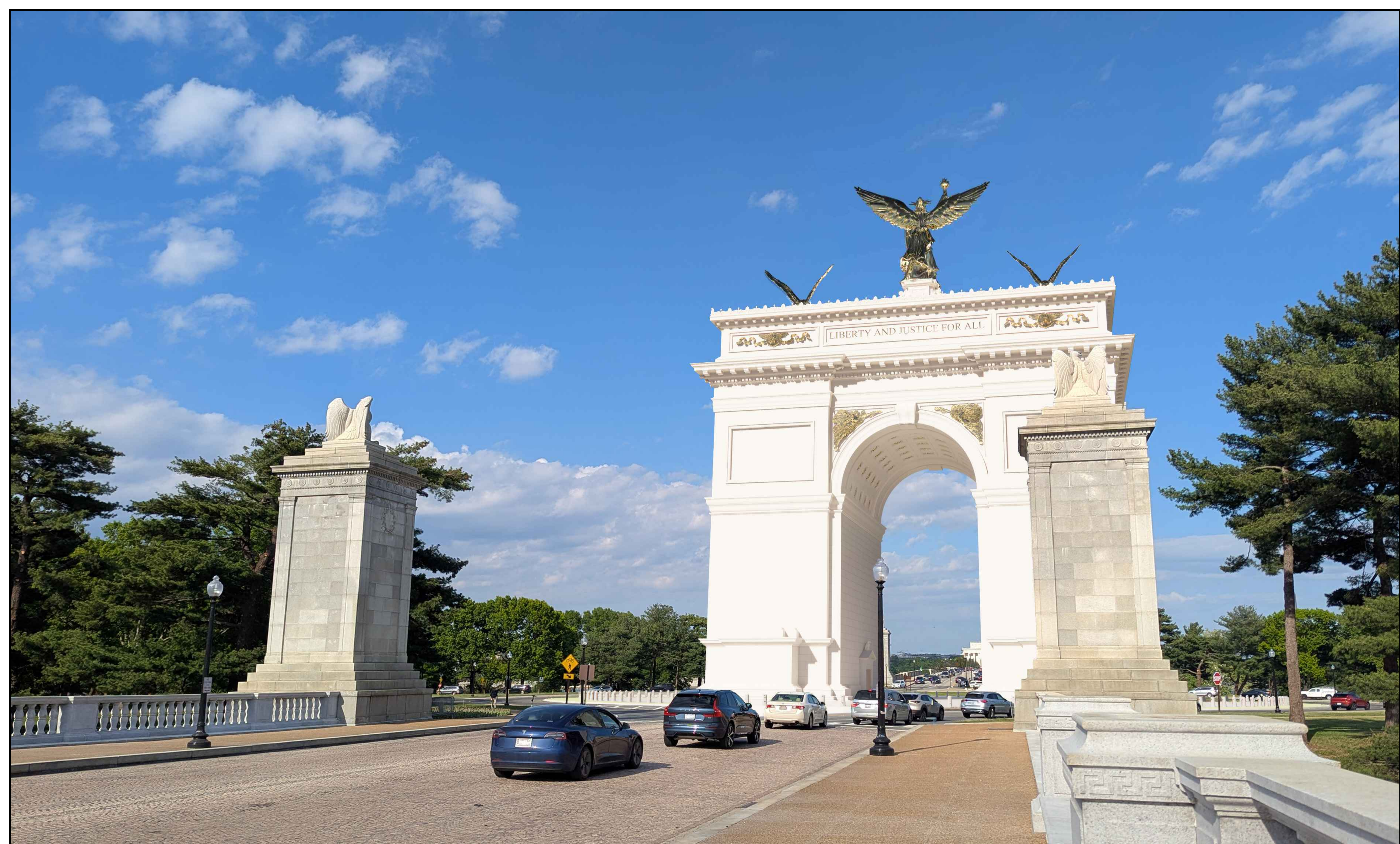
A-7.03.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON BRIDGE - BEFORE

HARRISON  
DESIGN



A-7.03.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM ARLINGTON BRIDGE - AFTER

HARRISON  
DESIGN



A-7.04.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM MEMORIAL BRIDGE - BEFORE

HARRISON  
DESIGN



A-7.04.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM MEMORIAL BRIDGE - AFTER

HARRISON  
DESIGN



A-7.05.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM PARKWAY DR NW - BEFORE

HARRISON  
DESIGN



A-7.05.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM PARKWAY DR NW - AFTER

HARRISON  
DESIGN



A-7.06.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM GW PARKWAY - BEFORE

HARRISON  
DESIGN



A-7.06.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM GW PARKWAY - AFTER

HARRISON  
DESIGN



A-7.07.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL CIRCLE - BEFORE

HARRISON  
DESIGN



A-7.07.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL CIRCLE - AFTER

HARRISON  
DESIGN



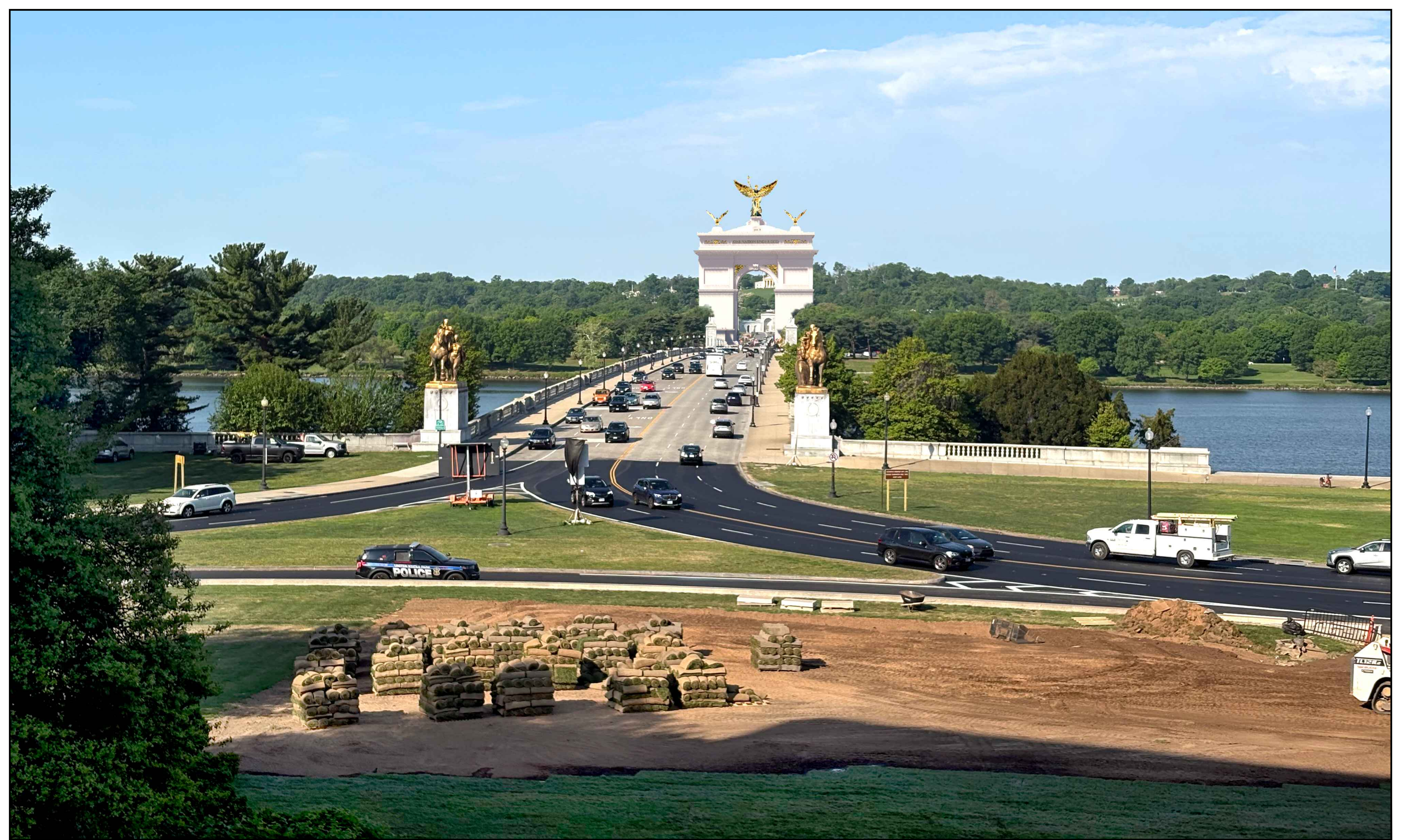
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JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL - BEFORE

HARRISON  
DESIGN



A-7.08.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM LINCOLN MEMORIAL - AFTER

HARRISON  
DESIGN



A-7.09.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - BEFORE

HARRISON  
DESIGN



A-7.09.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - AFTER

HARRISON  
DESIGN



A-7.10.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - BEFORE

HARRISON  
DESIGN



A-7.10.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM WASHINGTON MONUMENT - AFTER

HARRISON  
DESIGN



A-7.11.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM JEFFERSON STEPS - BEFORE

HARRISON  
DESIGN



A-7.11.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM JEFFERSON STEPS - AFTER

HARRISON  
DESIGN



A-7.12.1

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM CAPITOL HILL - BEFORE

HARRISON  
DESIGN



A-7.12.2

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM CAPITOL HILL - AFTER

HARRISON  
DESIGN



TRIUMPHAL ARCH - WASHINGTON, DC  
NIGHT VIEW FROM HEMICYCLE - BEFORE

HARRISON  
DESIGN



TRIUMPHAL ARCH - WASHINGTON, DC  
NIGHTTIME VIEW FROM AERIALYCAETEREFORE

HARRISON  
DESIGN



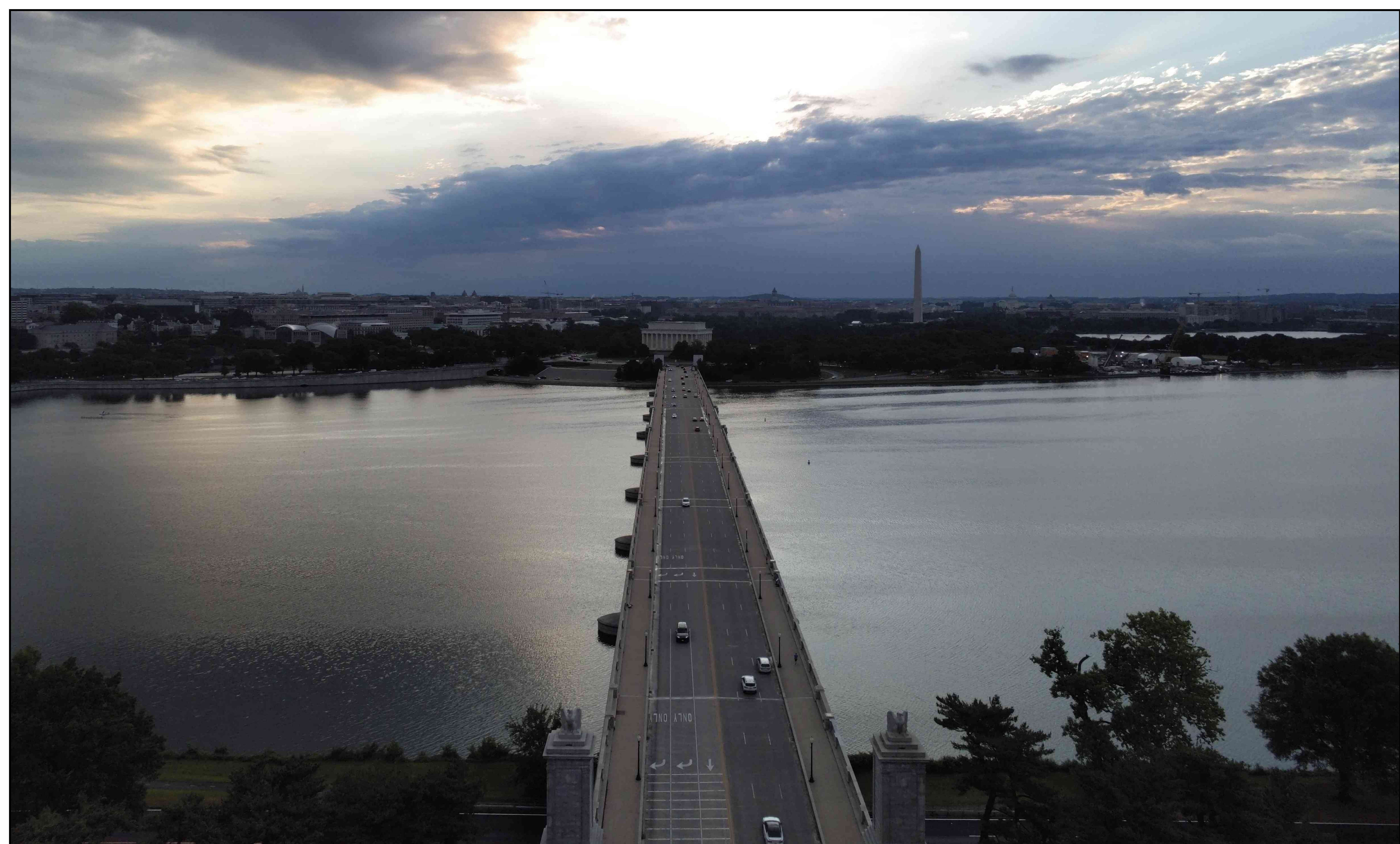
TRIUMPHAL ARCH - WASHINGTON, DC  
NIGHT VIEW FROM LINCOLN MEMORIAL CIRCLE - BEFORE

HARRISON  
DESIGN



TRIUMPHAL ARCH - WASHINGTON, DC  
NIGHT VIEW FROM LINCOLN MEMORIAL CIRCLE - AFTER

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DESIGN



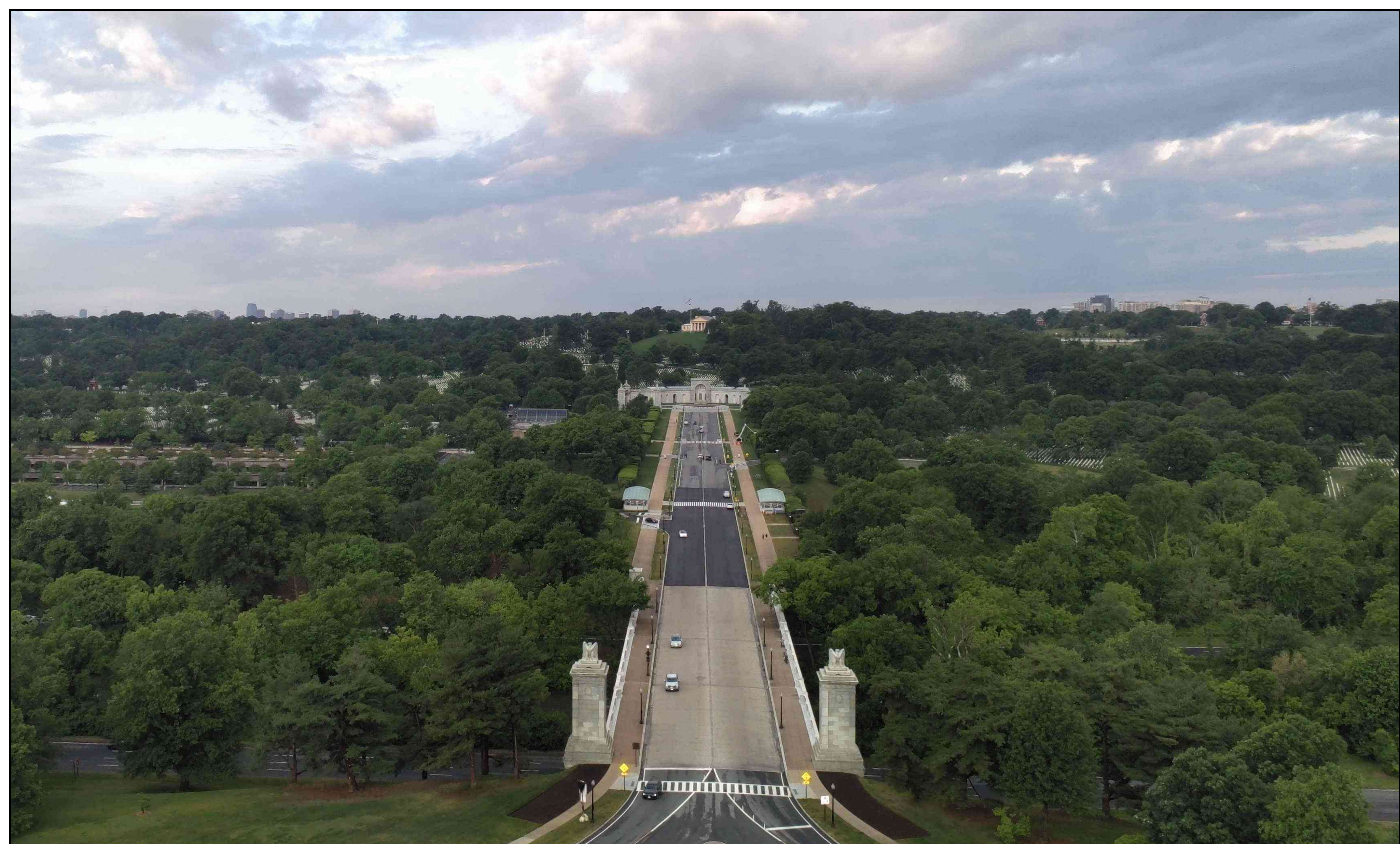
A-7.31

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD EAST

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DESIGN



A-7.32

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD WEST

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DESIGN



A-7.33

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD NORTHEAST

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DESIGN



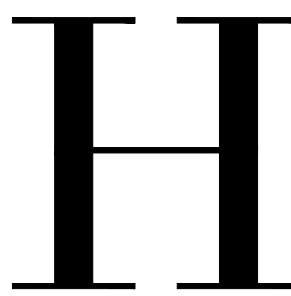
A-7.34

JUNE 05, 2026

TRIUMPHAL ARCH - WASHINGTON, DC

VIEW FROM OBSERVATION DECK TOWARD SOUTH

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TRIUMPHAL ARCH - WASHINGTON, DC

WASHINGTON, DC

stamps

issue

date 06-05-2026

scale 1/8" = 1'-0"

drawn JG, KA checked NC

project no. 266206

title FOUNDATION PLAN OPTION 1

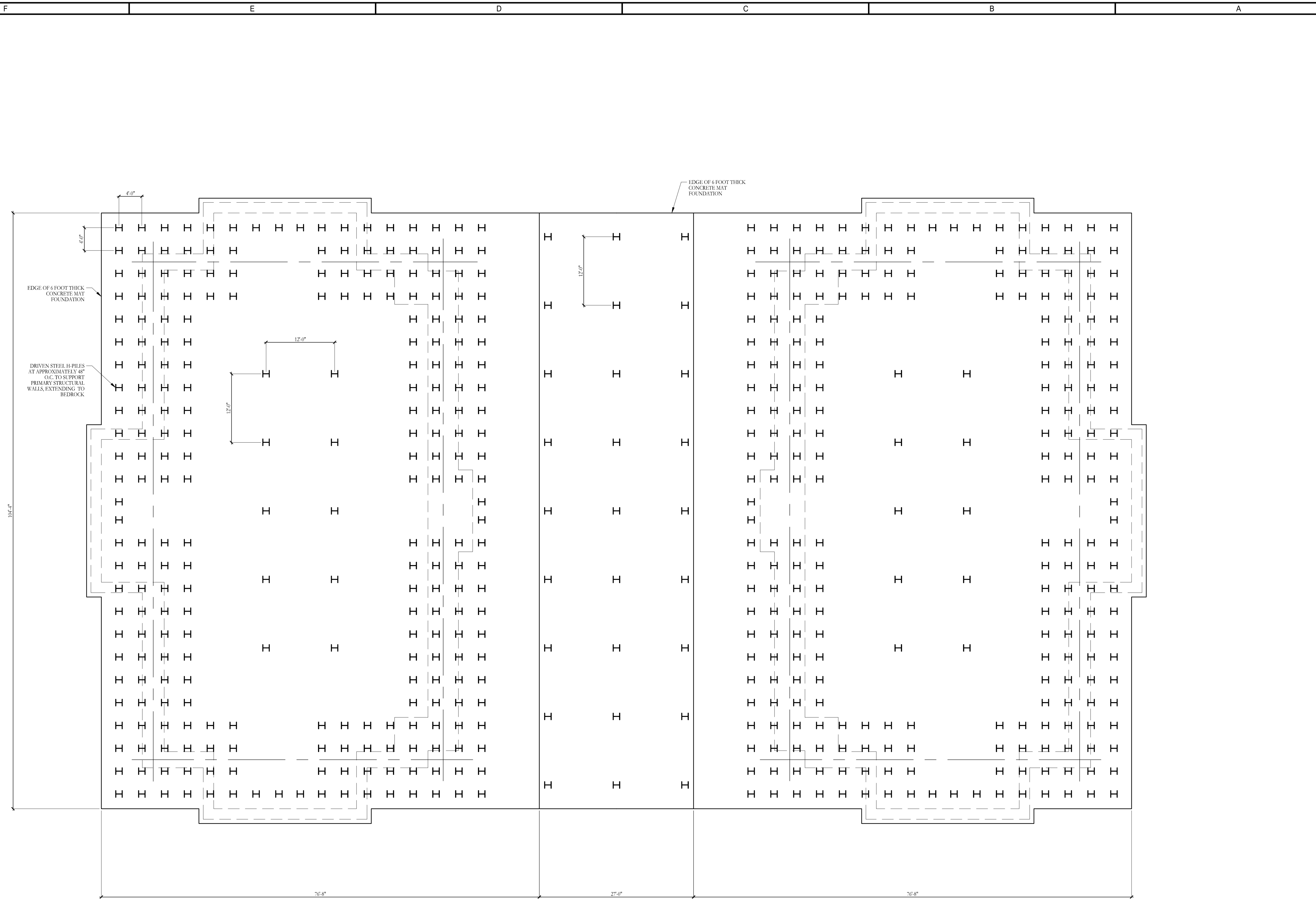
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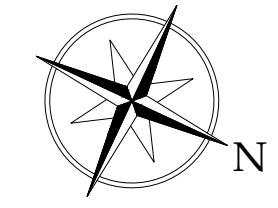
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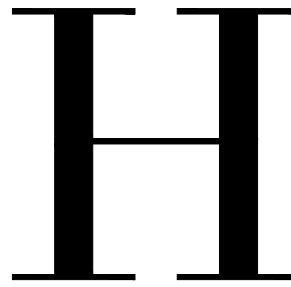
V:\Project\SI\Therese Catholic Church\266206-Foundation Plan.dwg Jun 05, 2026 - 5:56pm

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B1 FOUNDATION PLAN - OPTION 1  
S-1.00 SCALE: 1/8" = 1'-0"





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stamps

issue

date 06-05-2026

scale 1/8" = 1'-0"

drawn JG, KA checked NC

project no. 266206

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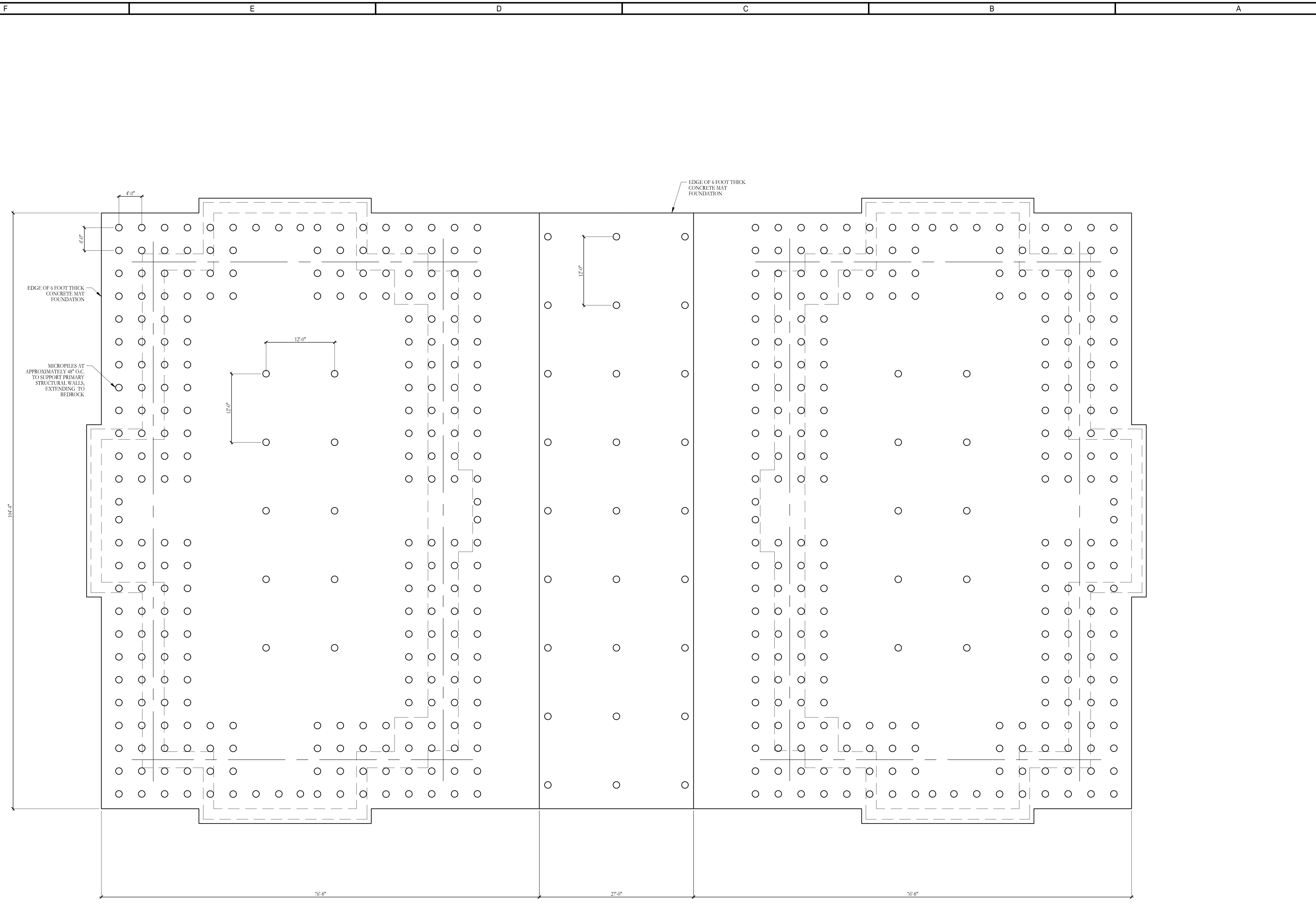
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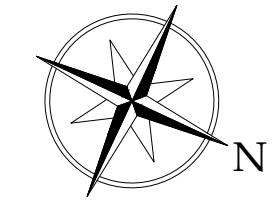
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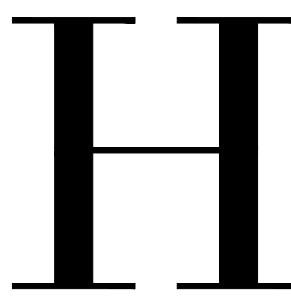
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**B1**  
S-1.00 FOUNDATION PLAN - OPTION 2  
SCALE: 1/8" = 1'-0"





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stamps

issue

date 06-05-2026

scale 1/8" = 1'-0"

drawn JG, KA checked NC

project no. 266206

title FOUNDATION PLAN OPTION 3

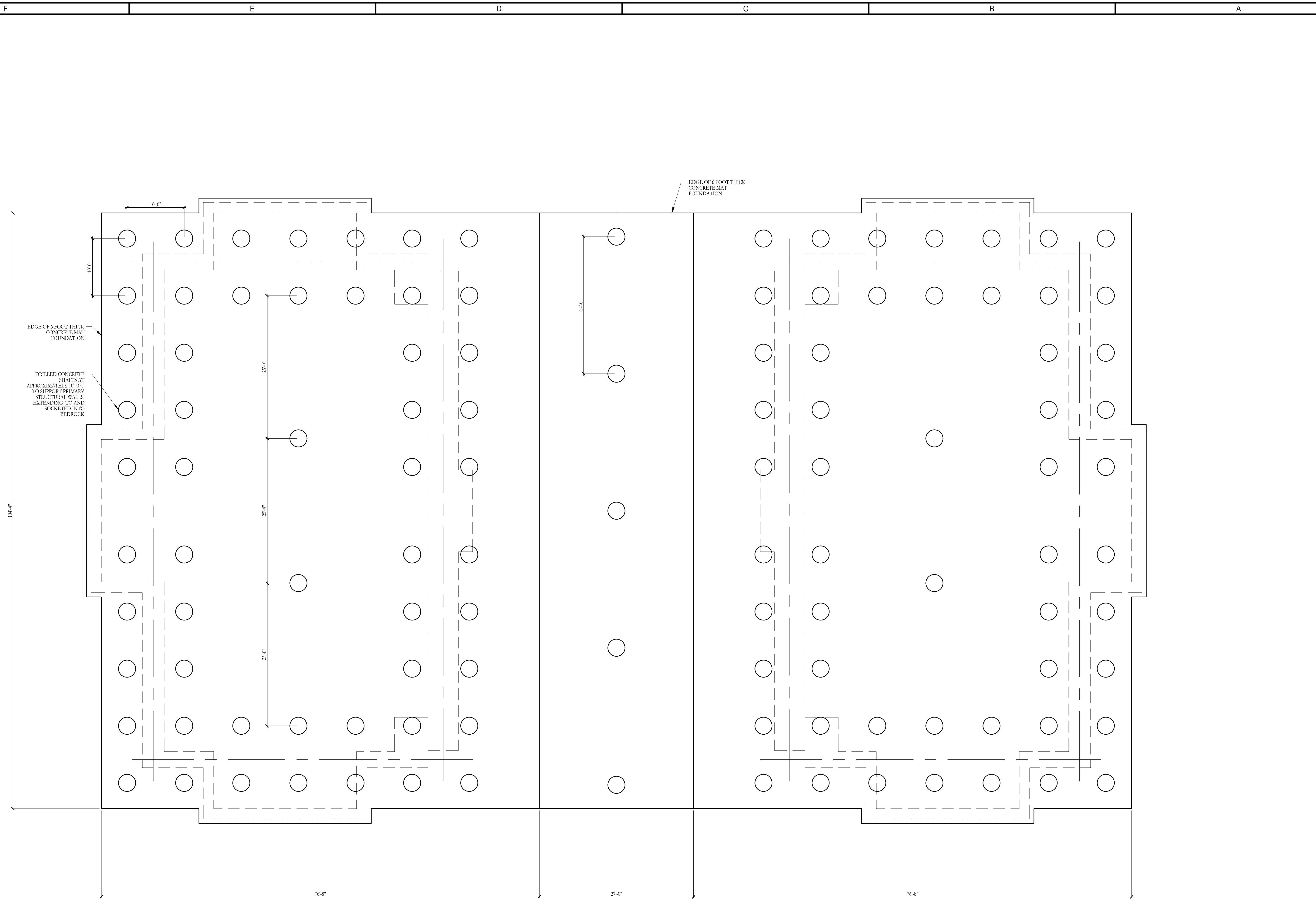
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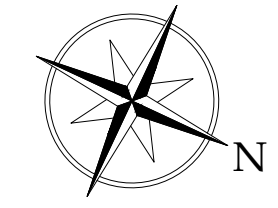
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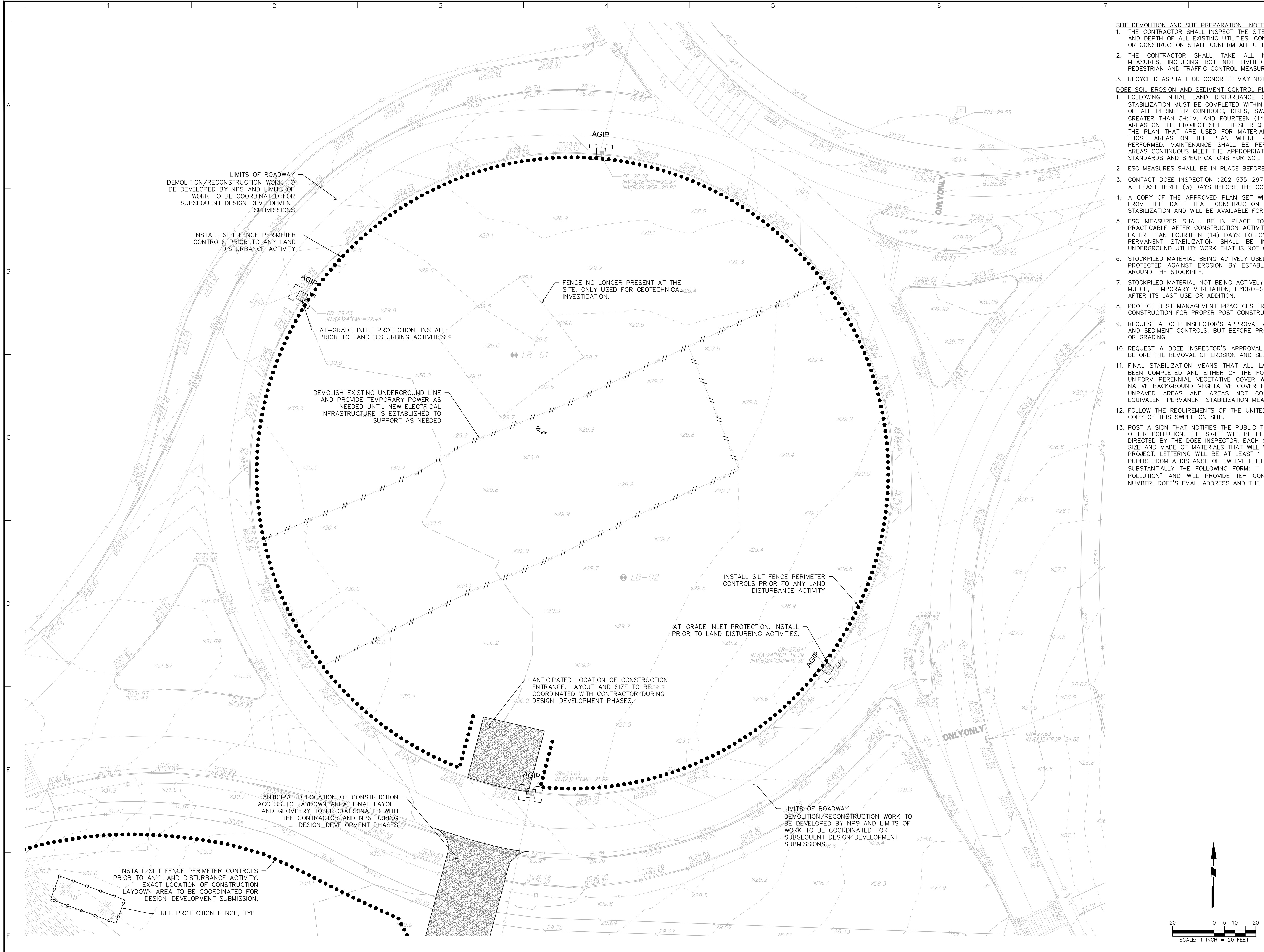
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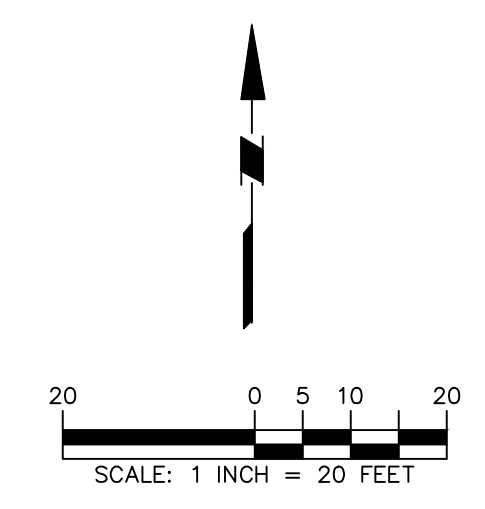
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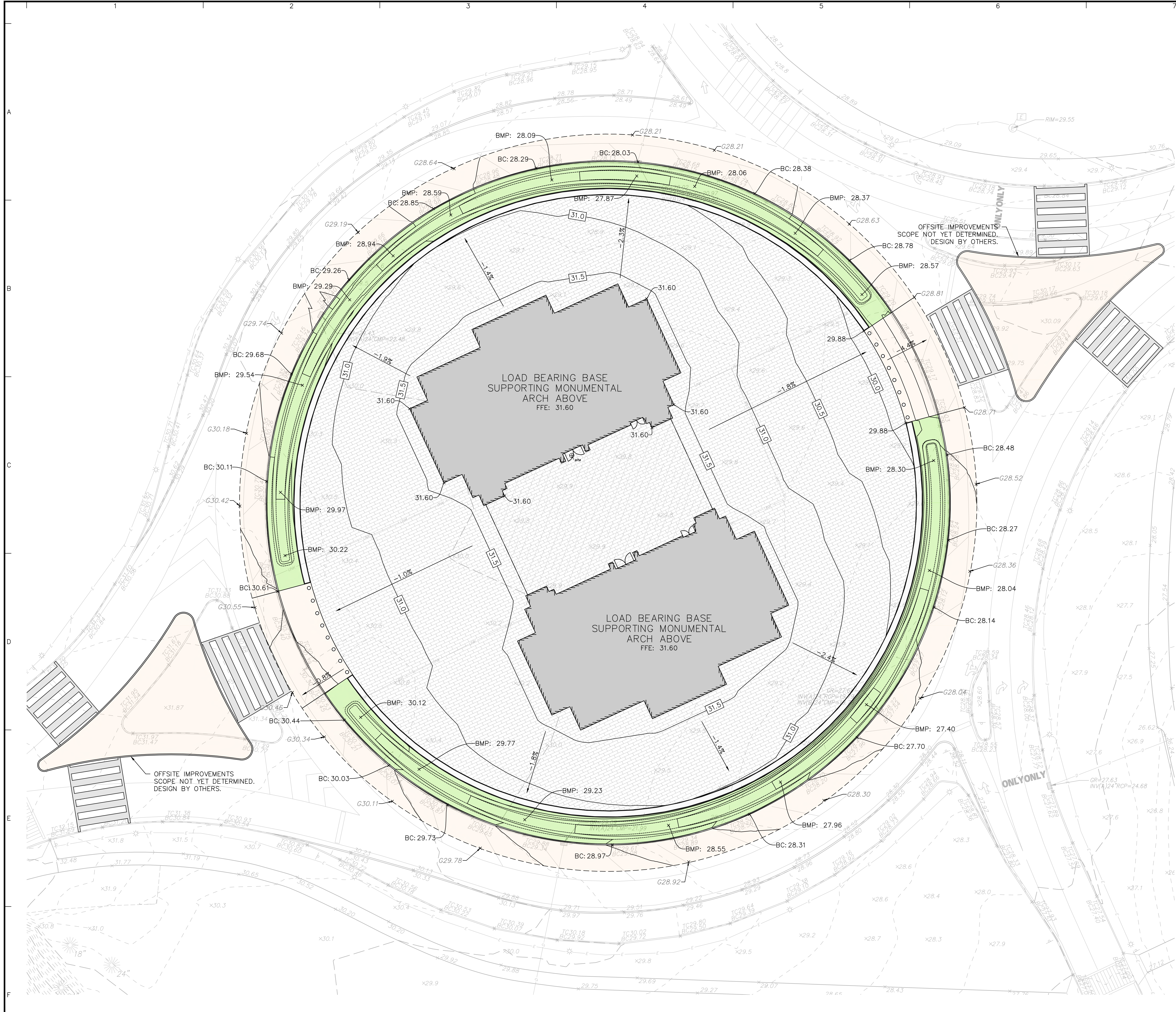


- SITE DEMOLITION AND SITE PREPARATION NOTES:**
1. THE CONTRACTOR SHALL INSPECT THE SITE THOROUGHLY AND FIELD-VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES. CONTRACTORS USING THESE PLANS FOR DEMOLITION OR CONSTRUCTION SHALL CONFIRM ALL UTILITIES IN THE FIELD.
  2. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES, INCLUDING BUT 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 CONTINUOUSLY 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 STATES 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 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, DOEE'S EMAIL ADDRESS AND THE 311 MOBILE APP HEADING.


Date	Description	No.
Revisions		
Signature		Date
 Langan Engineering and Environmental Services, LLC 1300 Wilson Blvd Arlington, VA 22209 www.langan.com		
Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<b>DEMOLITION AND SITE PREPARATION PLAN</b>		
Project No.	Drawing No.	
270228201	CD101	
Date	05/22/2026	
Drawn By	AMF	
Checked By	RCL	
	0	

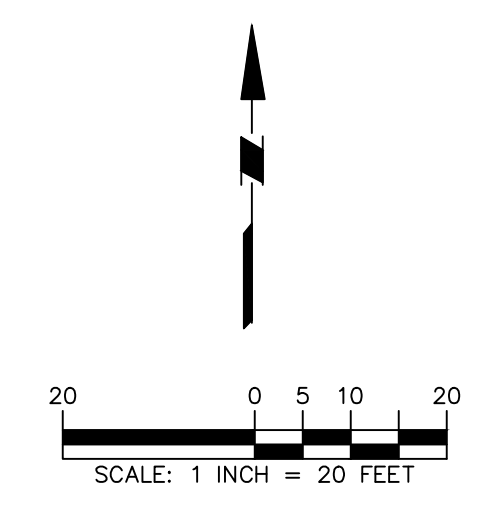




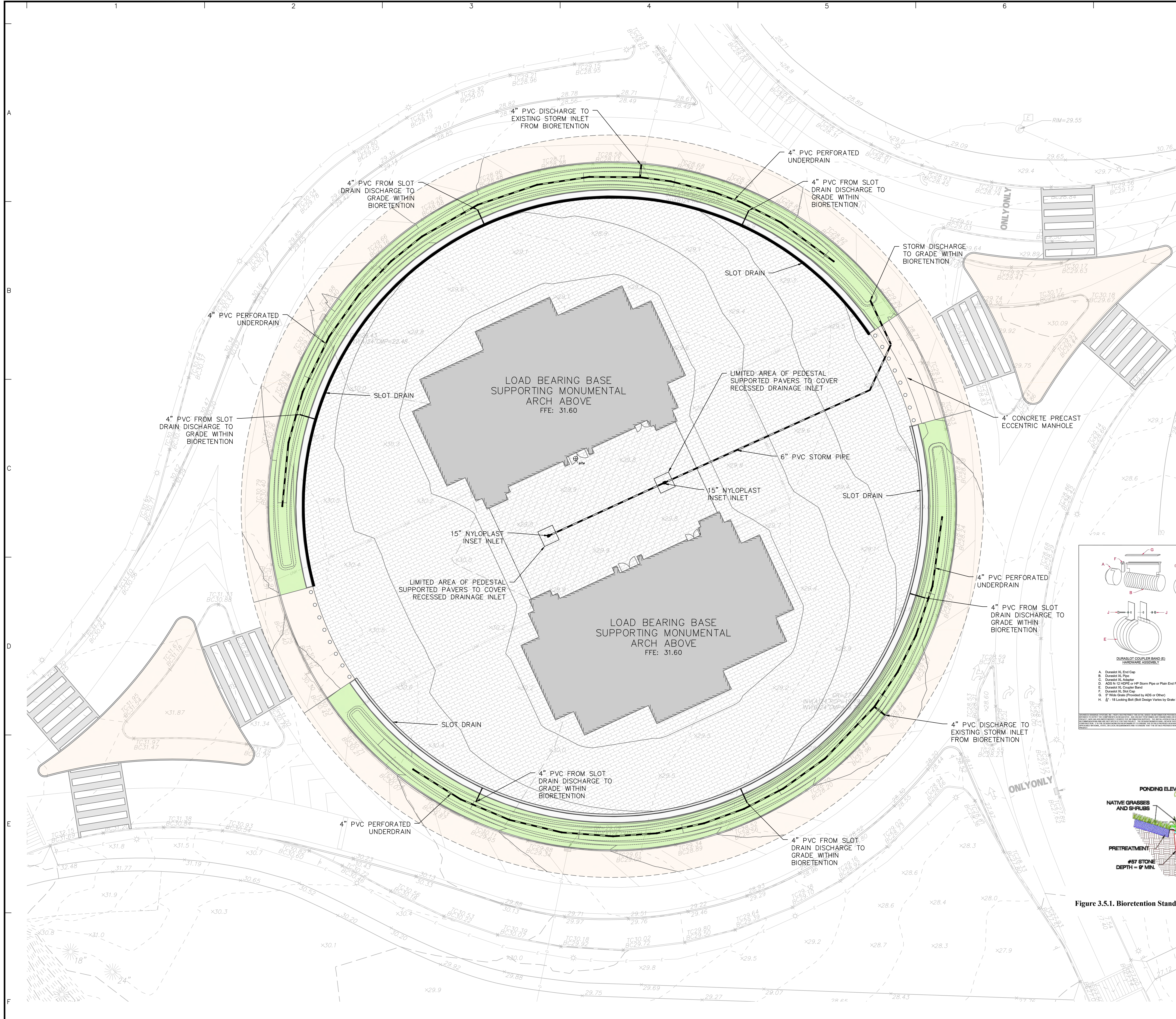


- GRADING PLAN NOTES:**
1. ALL GRADING, DRAINAGE AND UTILITY INSTALLATION AND/OR CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS OR LOCAL REQUIREMENTS. SHOULD A DIFFERENCE IN REQUIREMENTS OCCUR, THE STRICTER OF THE TWO REGULATIONS WILL APPLY.
  2. GRADE ALL AREAS OTHER THAN 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, AND ALL GROUND 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.

Date	Description	No.
Revisions		
Signature		Date
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Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<h1>GRADING PLAN</h1>		
Project No.		Drawing No.
270228201		CG101
Date		
05/22/2026		
Drawn By		
AMF		
Checked By		
RCL		



Project No. 00123450 LANGAN



**DRAINAGE PLAN NOTES:**

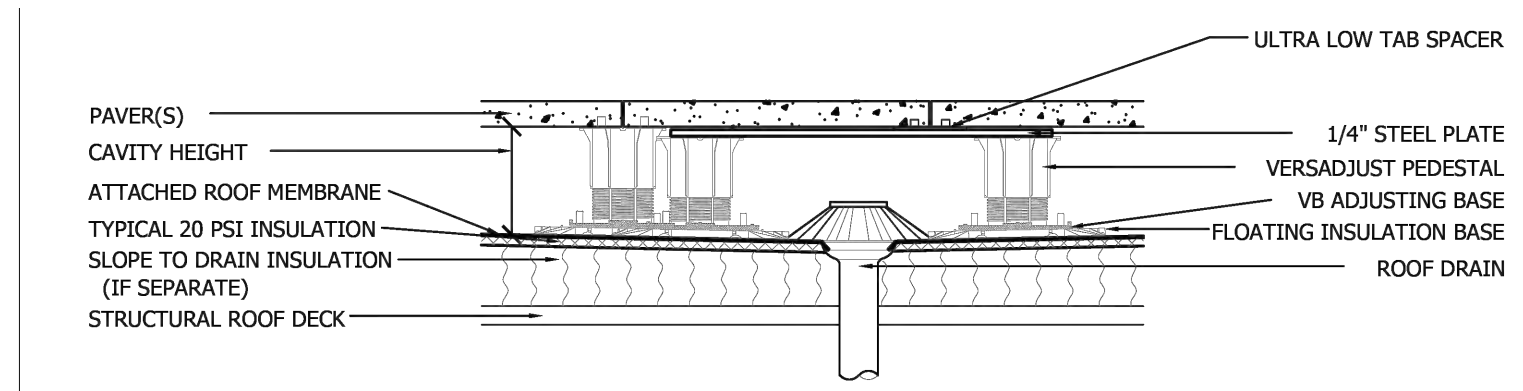
1. ALL GRADING, DRAINAGE AND UTILITY INSTALLATION AND/OR CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS OR LOCAL REQUIREMENTS. SHOULD A DIFFERENCE IN REQUIREMENTS OCCUR, THE STRICTER OF THE TWO REGULATIONS WILL APPLY.
2. GRADE ALL AREAS OTHER THAN PAVED GRADED AREAS AND 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**

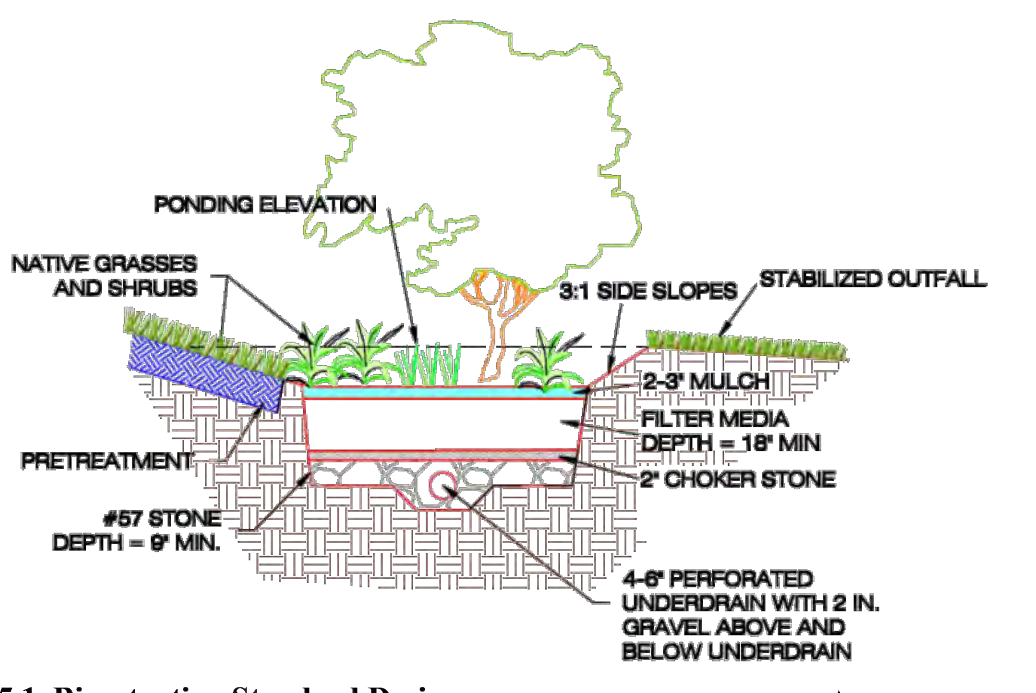
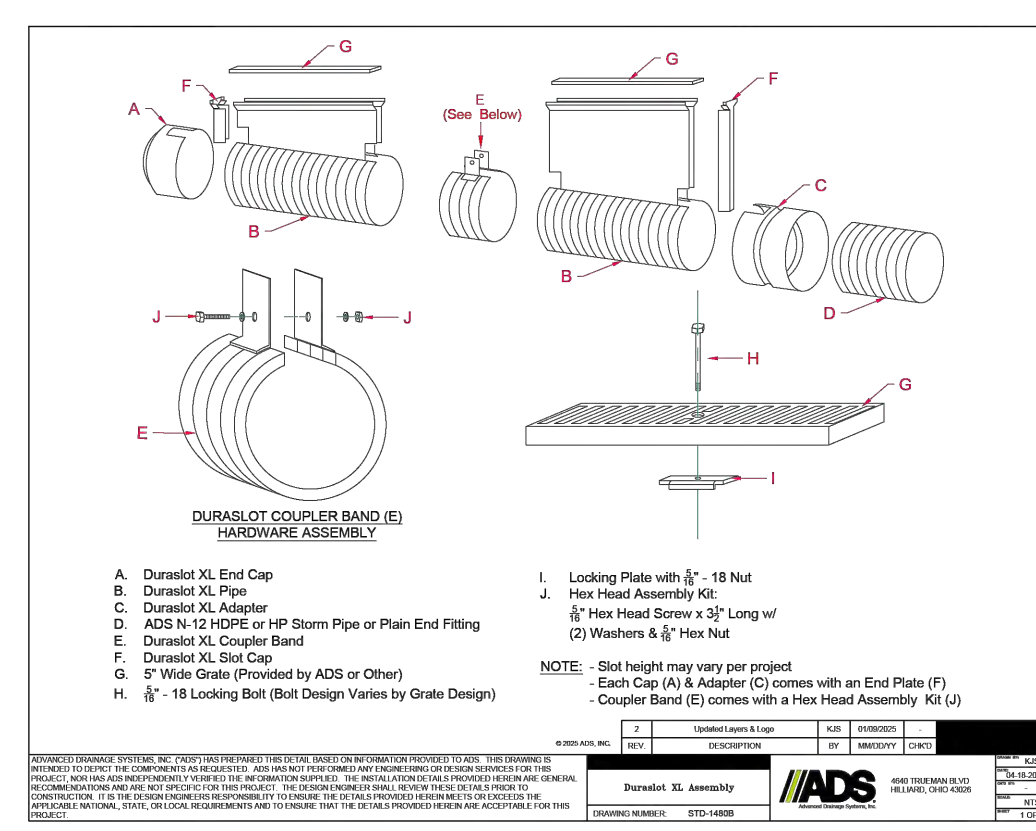
THE PROPOSED STORMWATER CONVEYANCE SYSTEM CONSISTS OF A SERIES OF INLETS AND SLOT DRAINS THAT WILL CAPTURE AND CONVEY STORMWATER RUNOFF FROM THE MONUMENTAL PLAZA TO SURROUNDING STORMWATER MANAGEMENT INFRASTRUCTURE (IE. BIORETENTION). OVERFLOW DRAINS FROM THE BIO-RETENTION AREA WILL CONNECT TO EXISTING 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.



**AI DRAIN PEDIESTAL PLACEMENT SECTION DETAIL**



**Figure 3.5.1. Bioretention Standard Design.**

Date	Description	No.
Revisions		

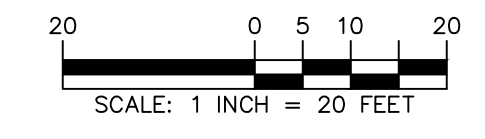
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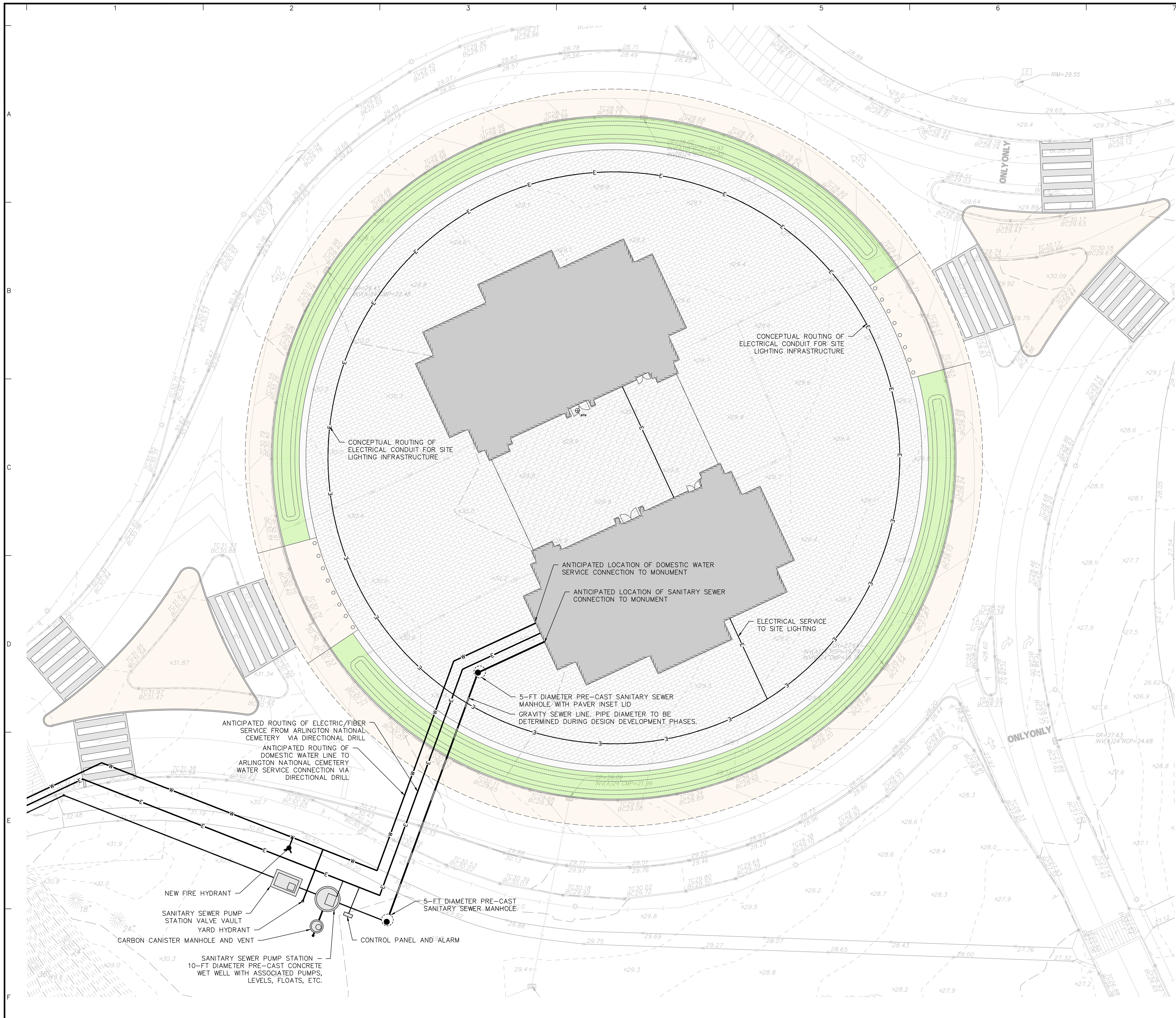
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 Langan Engineering and  
 Environmental Services, LLC  
 1300 Wilson Blvd  
 Arlington, VA 22209  
 www.langan.com

Project  
**CONFIDENTIAL PROJECT**  
 GEORGE WASHINGTON MEMORIAL PARKWAY  
 PAR03170001  
 WASHINGTON DISTRICT OF COLUMBIA  
 Drawing Title

**DRAINAGE PLAN**

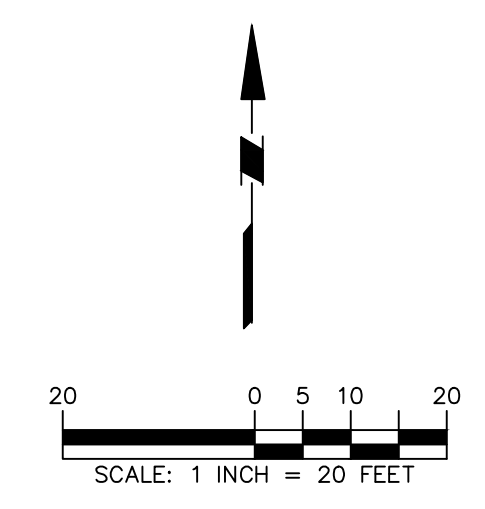
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Date <b>05/22/2026</b>	
Drawn By <b>AMF</b>	
Checked By <b>RCL</b>	



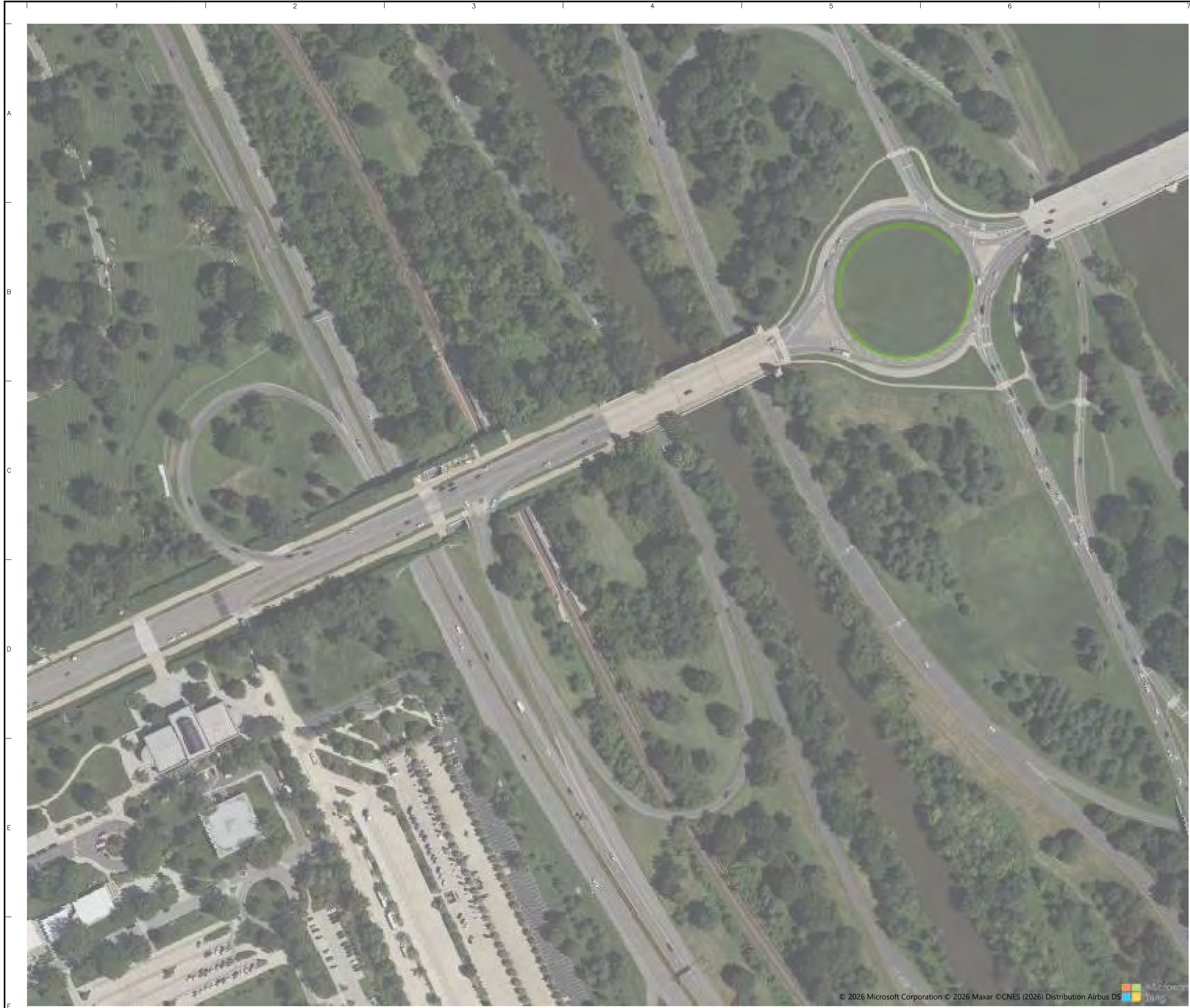


- UTILITY PLAN NOTES:**
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO THE STRUCTURE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED.
  2. 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.

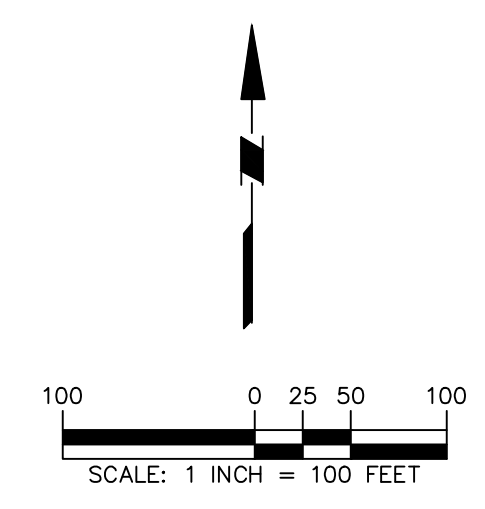
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Signature		Date
 Langan Engineering and Environmental Services, LLC 1300 Wilson Blvd Arlington, VA 22209 <a href="http://www.langan.com">www.langan.com</a>		
Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<b>UTILITY PLAN</b>		
Project No.	Drawing No.	
270228201	CU101A	
Date	Drawn By	
05/29/2026	AMF	
Checked By	RCL	




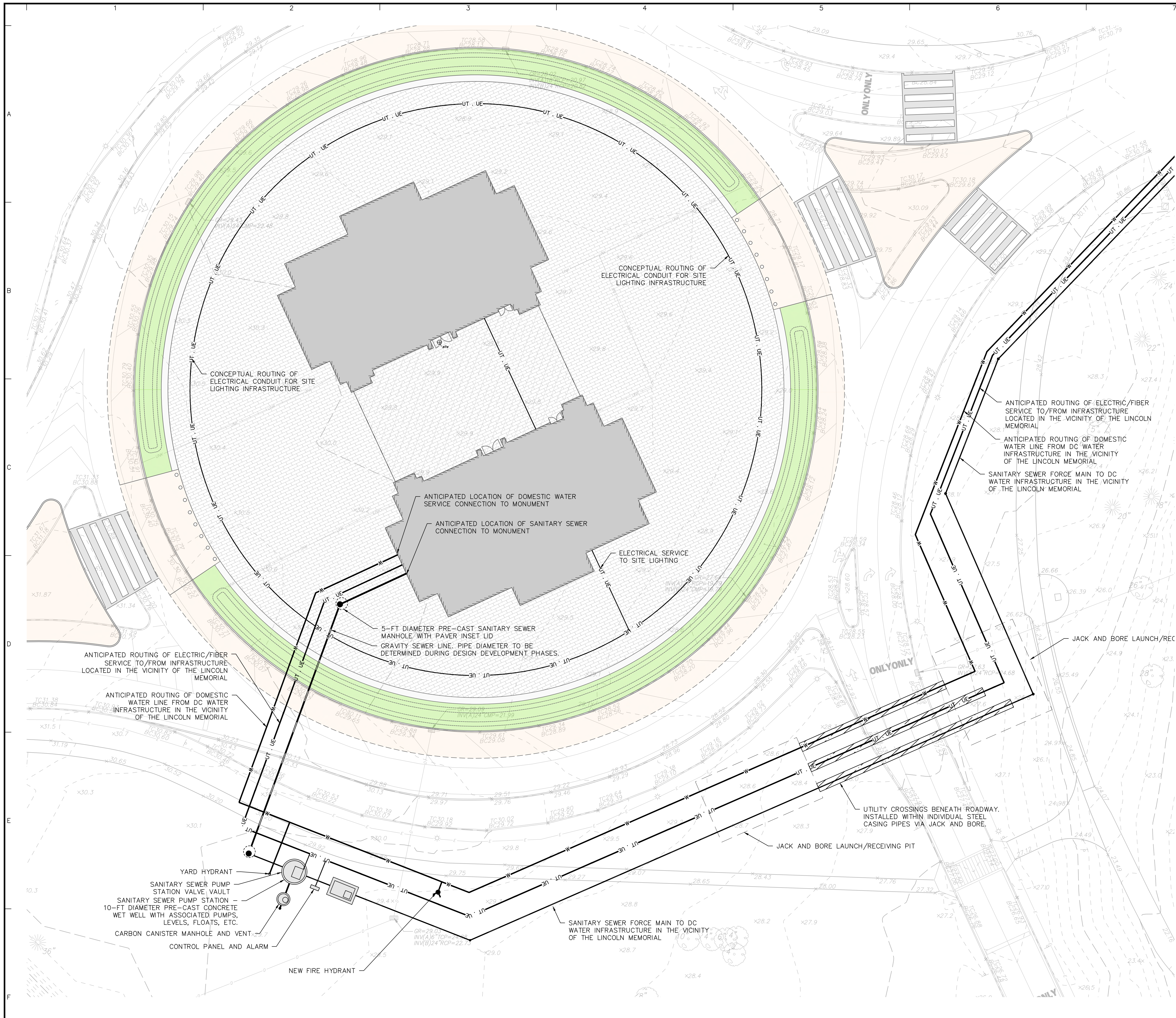
Project No. 00123450 LANGAN




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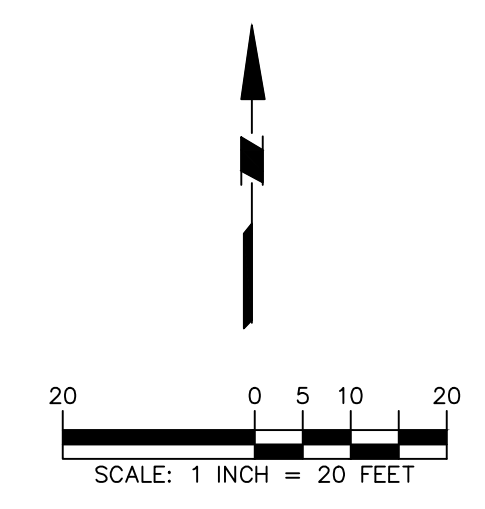


Date	Description	No.
Revisions		
Signature		Date
 Langan Engineering and Environmental Services, LLC 1300 Wilson Blvd Arlington, VA 22209 <a href="http://www.langan.com">www.langan.com</a>		
Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<b>OFFSITE UTILITY ROUTING - OPTION 1</b>		
Project No.	Drawing No.	
270228201	<b>CU101B</b>	
Date		
05/29/2026		
Drawn By	Checked By	
AMF	RCL	



- 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.

Date	Description	No.
Revisions		
Signature		Date
 Langan Engineering and Environmental Services, LLC 1300 Wilson Blvd Arlington, VA 22209 www.langan.com		
Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<h2>UTILITY PLAN</h2>		
Project No.	Drawing No.	
270228201	CU102A	
Date	Drawn By	
05/29/2026	AMF	
Checked By	RCL	



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Revisions

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GEORGE WASHINGTON MEMORIAL PARKWAY  
PAR03170001

WASHINGTON DISTRICT OF COLUMBIA

Drawing Title

**OFFSITE UTILITY  
ROUTING -  
OPTION 2**

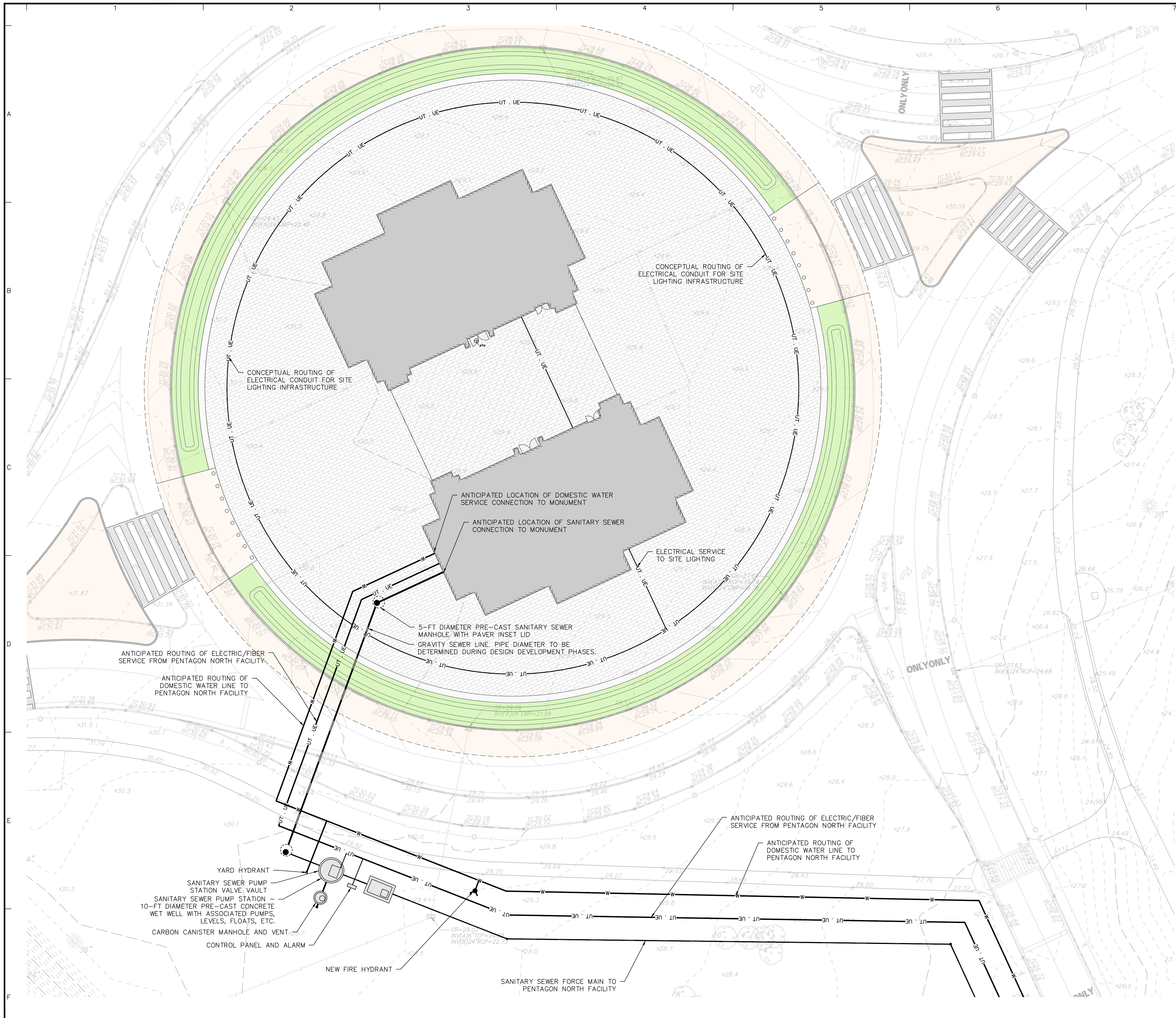
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Date **270228201** **CU102B**

Drawn By **05/29/2026**

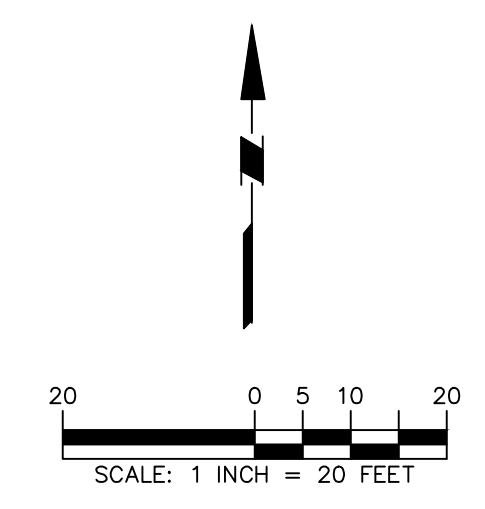
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**RCL**



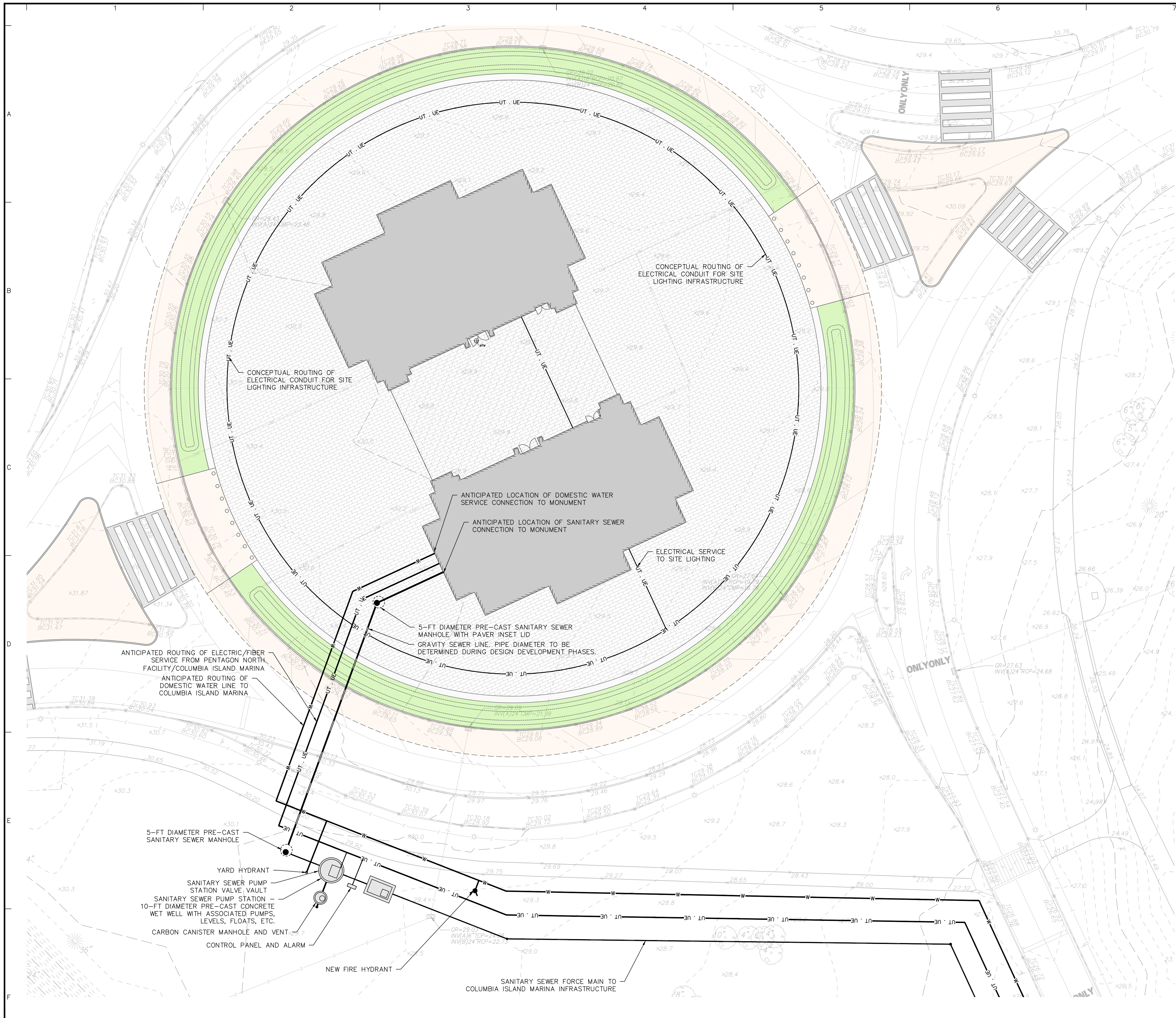
- UTILITY PLAN NOTES:**
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Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<h1>UTILITY PLAN</h1>		
Project No.	Drawing No.	
270228201	CU103A	
Date	05/29/2026	
Drawn By	AMF	
Checked By	RCL	



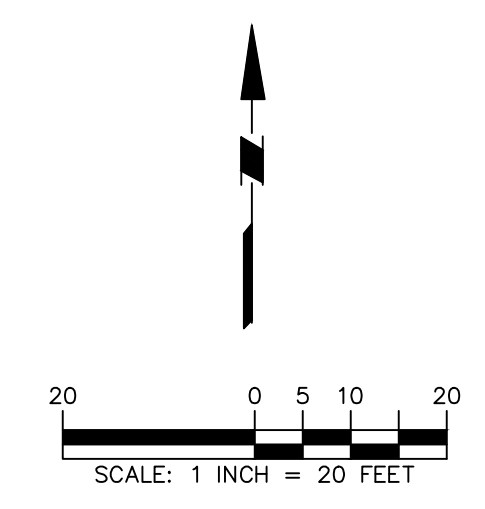
Project No. 00123450 LANGAN





- UTILITY PLAN NOTES:**
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Project		
<b>CONFIDENTIAL PROJECT</b> GEORGE WASHINGTON MEMORIAL PARKWAY PAR03170001 WASHINGTON DISTRICT OF COLUMBIA		
Drawing Title		
<h1>UTILITY PLAN</h1>		
Project No.	Drawing No.	
270228201	CU104A	
Date	Drawn By	
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Checked By	RCL	



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WATER SERVICE CONNECTION TO MONUMENT FROM COLUMBIA ISLAND MARINA

POWER/FIBER CONNECTION TO MONUMENT FROM COLUMBIA ISLAND MARINA/PENTAGON NORTH FACILITY

SANITARY SEWER PUMP STATION - 10-FT DIAMETER PRE-CAST CONCRETE WET WELL WITH ASSOCIATED PUMPS, LEVELS, FLOATS, ETC.

SANITARY SEWER PUMP STATION VALVE VAULT

CONTROL PANEL AND ALARM

UTILITY JACK AND BORE RECEIVING PIT WITHIN OPEN GRASS

JACK AND BORE UTILITY CROSSINGS (WATER, SEWER, FIBER AND POWER) ACROSS WASHINGTON BOULEVARD (APPROXIMATELY 100 LF)

JACK AND BORE UTILITY CROSSINGS (WATER, SEWER, FIBER AND POWER) ACROSS RAMP (APPROXIMATELY 100 LF)

WATER, POWER, FIBER, AND SANITARY SEWER FORCE MAIN FROM ARCH TO COLUMBIA ISLAND MARINA UTILITY INFRASTRUCTURE (TOTAL APPROXIMATE LENGTH = 3,500 LF)

UTILITY JACK AND BORE LAUNCH PIT WITHIN OPEN GRASS

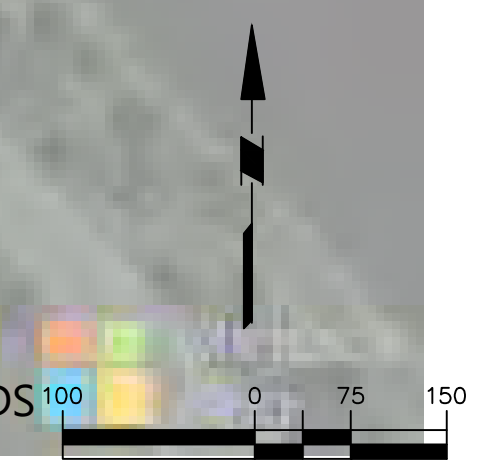
UTILITY JACK AND BORE LAUNCH PIT WITHIN OPEN GRASS

DIRECTIONAL UTILITY CROSSINGS (WATER, SEWER, FIBER AND POWER) IN HDPE CASING PIPES ACROSS BOUNDARY CHANNEL (APPROXIMATELY 350 LF)

UTILITY JACK AND BORE RECEIVING PIT WITHIN OPEN GRASS

UTILITIES FROM RECEIVING PIT TO COLUMBIA ISLAND MARINA UTILITY INFRASTRUCTURE

APPROXIMATE LOCATION OF CONNECTION TO COLUMBIA ISLAND MARINA UTILITY INFRASTRUCTURE. CONNECTION PRIOR TO WATER OR BRIDGE CROSSING.



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 GEORGE WASHINGTON MEMORIAL PARKWAY  
 PAR03170001  
 WASHINGTON DISTRICT OF COLUMBIA

Drawing Title

**OFFSITE UTILITY ROUTING - OPTION 4**

Project No. <b>270228201</b>	Drawing No. <b>CU104B</b>
Date <b>05/29/2026</b>	
Drawn By <b>AMF</b>	
Checked By <b>RCL</b>	

Project No. 001234501 LANGAN