UNITED STATES GOVERNMENT PUBLISHING OFFICE

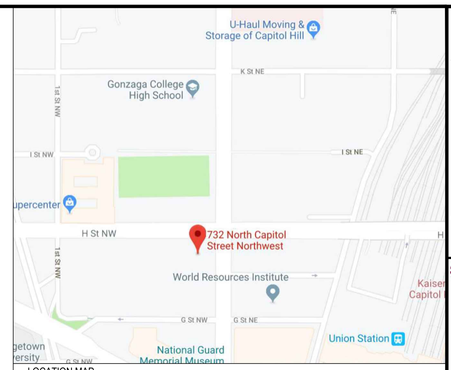
G STREET SIDEWALK REPAIRS

100% CONSTRUCTION DOCUMENTS

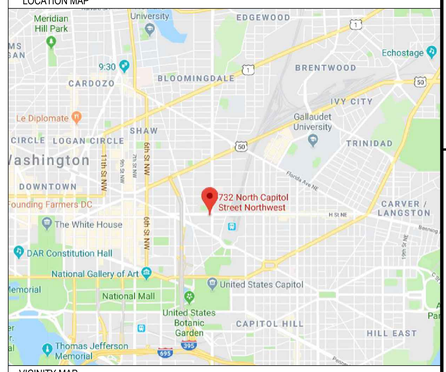
APRIL 5, 2024

PREPARED FOR

US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401



LOCATION MAP



VICINITY MAP

ARCHITECTURAL DRAWINGS

DRAWING NO	TITLE
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A-509	DETAILS - NEW CONSTRUCTION
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A-511	DETAILS - NEW CONSTRUCTION
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CIVIL DRAWINGS

DRAWING NO	TITLE
C001	COVER SHEET
C002	EXISTING CONDITIONS
C003	DEMOLITION PLAN
C004	SITE PLAN
C005	SEE DETAILS
C006	EROSION AND SEDIMENT CONTROL PLAN
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C008	EROSION AND SEDIMENT CONTROL NOTES
C009	TEMPORARY TRAFFIC CONTROL PLAN
C010	TEMPORARY TRAFFIC CONTROL DETAILS

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OWNER
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3	4/22/2024	100% RESUBMISSION	MLF
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DATE	4/22/2024
DRAWING SCALE	NONE

GRAPHIC SCALE

IF BORDER IS LESS THAN 8" x 36" USE GRAPHIC SCALES

SHEET TITLE

COVER SHEET

DISTRICT OF COLUMBIA
SERGIO A. DIAZ
No. PE40000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

G-001

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STANDARD LEGEND

NOTE: NOT ALL SYMBOLS NECESSARILY USED

L	LIGHT POST
TL	TRAFFIC LIGHT
H	ACCESS HATCH
D	SHEET METAL DUCT WORK
V	VENT
	STREET SIGN
P	PARKING METER
S	SANITARY SEWER COVER
	BUILDING ENTRANCE
T	TRASH CAN
B	PLANTER BOX
M	MAN HOLE COVER
	FIRE DEPARTMENT HYDRANT
×——×——×	STEEL FENCE
∅	LIGHTNING PROTECTION PENETRATION
	METRO SURVEY MONUMENT
W	WATER VALVE
—— – – ——	FOUNDATION WALL EXTENTS

STANDARD HATCH PATTERNS

NOTE: NOT ALL HATCH PATTERNS NECESSARILY USED

- CONCRETE
- CMU
- STONE
- BRICK
- STONE/GRAVEL
- EARTH/SOIL
- LANDSCAPING

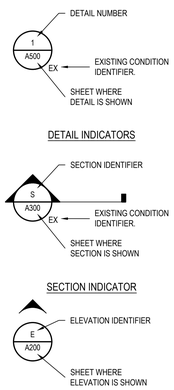
STANDARD ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS NECESSARILY USED

BUILDING	BLDG
BRICK MASONRY UNIT	BMU
CONCRETE MASONRY UNIT	CMU
CONCRETE	CONC
CONTINUOUS	CONT
COVER	CV
ELEVATION	EL
EQUAL	EQ
EXPANSION JOINT	EJ
EXISTING	EX
EXTERIOR	EXT
FASTENER	FRT
FOOT	FT
INCH	IN
INTERIOR	INT
INSULATION	INSUL
LADDER	LAD
MAXIMUM	MAX
MECHANICAL	MECH
MEMBRANE	MEMB
MINIMUM	MIN
METAL	MTL
NOT APPLICABLE	NA
NOT IN CONTRACT	NIC
NUMBER	NO
NOMINAL	NOM
NOT TO SCALE	NTS
ON CENTER	O.C.
OPPOSITE HAND	OH
SIMILAR	SIM
SLEEVE	SLV
SHEET METAL	SM
STAINLESS STEEL	SS
STEEL	STL
STRUCTURAL	STRUCT
TO REMAIN	TR
TYPICAL	TYP
VERIFY IN FIELD	VIF

STANDARD SYMBOLS

NOTE: NOT ALL SYMBOLS NECESSARILY USED



GENERAL NOTES

DEMOLITION NOTES

1. THE INFORMATION SHOWN ON THE DRAWINGS HAS BEEN COMPILED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION.
2. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REQUIREMENTS PERTAINING TO THIS PROJECT.
3. JOB SITE SAFETY IS THE CONTRACTOR'S RESPONSIBILITY. GALE REPRESENTATIVES, INCLUDING SUBCONSULTANTS RETAINED BY GALE, MAY VISIT THE JOB SITE FROM TIME TO TIME. THESE VISITS ARE FOR CLARIFICATIONS OF SPECIFIC DESIGN RELATED ISSUES ONLY AND ARE NOT FOR THE PURPOSES OF JOB SITE SAFETY. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLY WITH ALL SITE SAFETY APPLICABLE REQUIREMENTS.
4. THE BUILDING MAY BE OCCUPIED DURING CONSTRUCTION. IN NO CASE SHALL WORK BE COMPLETED OVER BUILDING OCCUPANTS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO INTERIOR ELEMENTS AND TO PROTECT OCCUPANTS. COORDINATE AND SCHEDULE WORK LOCATIONS IN ADVANCE WITH THE OWNER. SCHEDULE AND EXECUTE WORK TO MINIMIZE NOISE INTERRUPTIONS.
5. CONTRACTOR SETUP LOCATIONS SHALL BE AS INDICATED BY THE OWNER DURING THE PRE CONSTRUCTION MEETING.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEGREGATING THE WORK AREA IMMEDIATELY BELOW AND ADJACENT TO THE WORK AREA. THE CONTRACTOR SHALL COVER ALL INTERIOR ITEMS INCLUDING FLOORS AND EQUIPMENT PRIOR TO DEMOLITION. ONCE REMOVAL IS COMPLETE FOR THE DAY, THE PLASTIC COVERINGS SHALL BE REMOVED AND THE INTERIOR AREAS CLEANED. CLEANING SHALL INCLUDE, BUT NOT BE LIMITED TO, SWEEPING OF FLOORS AND DUST REMOVAL FROM THE TOPS OF LIGHT FIXTURES AND EQUIPMENT WHERE ACCESSIBLE.
7. REMOVE AND DISPOSE OF EXISTING ASSOCIATED MATERIALS DOWN TO THE STRUCTURAL SLAB WHERE INDICATED UNLESS OTHERWISE INDICATED ON THE DETAIL DRAWINGS TO REMAIN. REMOVE AND DISPOSE OF ALL ITEMS SCHEDULED TO BE REMOVED.
8. REMOVALS SHALL BE PERFORMED IN ACCORDANCE WITH THE SUBMITTED AND APPROVED REMOVAL PLAN, THE DETAIL DRAWINGS AND SPECIFICATIONS.
9. NO DEMOLITION WORK SHALL PROCEED UNTIL A PLAN HAS BEEN SUBMITTED TO AND APPROVED BY THE OWNER AND ENGINEER DETAILING THE METHODS AND EQUIPMENT TO BE USED TO DEMOLISH AND/OR SURFACE PREPARE STRUCTURES AND FEATURES.
10. ALL DEMOLISHED MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF OFF SITE IN A MANNER SATISFACTORY TO THE OWNER AND CURRENT DEP/EPA REQUIREMENTS.
11. NO DEMOLITION WORK SHALL BEGIN UNTIL THE TEMPORARY SHORING IS INSTALLED AT EACH LEVEL OF THE GARAGE.

REPLACEMENT NOTES

1. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL ON THE FLOOR AND REFLECTED CEILING PLANS HAS NOT BEEN INDICATED. EXISTING AND NEW DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS.
2. COMPONENTS SHOWN ON THE DETAIL DRAWINGS SHALL BE NEW UNLESS SPECIFICALLY INDICATED AS EXISTING.
3. ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
4. ANY DISCREPANCIES ON THE DRAWINGS NOTED BY THE CONTRACTOR SHALL BE BROUGHT TO THE OWNERS ATTENTION PRIOR TO BID SUBMISSION.
5. DETAILS NOT DEPICTED SHALL BE CONSTRUCTED IN A MANNER CONSISTENT WITH THE DETAIL DRAWINGS.
6. IF THERE IS A POTENTIAL HAZARDOUS MATERIAL ENCOUNTERED DURING THE COURSE OF WORK THAT IS NOT IDENTIFIED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR WILL STOP WORK IMMEDIATELY AND CONTACT THE OWNER WHO IS TO MAKE A DETERMINATION IF THE MATERIAL IS HAZARDOUS.
7. ALL DUMPSTERS MUST BE AT LEAST 15 FEET FROM THE BUILDING UNLESS EMPTIED AT THE END OF EACH WORK DAY.
8. MATERIALS MAY NOT BE STORED CLOSER THAN 15 FEET FROM BUILDINGS AND MAY NOT BE PLACED IN FRONT OF EXITS OR ANY FIRE PROTECTION EQUIPMENT. REFUELING OF GASOLINE POWERED EQUIPMENT WILL NOT BE PERMITTED ON THE ROOF. GASOLINE MUST BE STORED IN UL LISTED AND APPROVED CONTAINERS.
9. REMOVE, STORE, PROTECT AND REINSTALL EXISTING EQUIPMENT, ASSOCIATED MECHANICAL/ELECTRICAL PENETRATIONS, AND CONDUIT SCHEDULED TO REMAIN. TEMPORARY SUPPORTS SHALL BE PROVIDED AS REQUIRED, BY THE CONTRACTOR, TO FACILITATE WORK. ALL UTILITIES SHALL REMAIN OPERATIONAL DURING THE DURATION OF WORK.
9. THE GENERAL AND SUBCONTRACTORS INSTALLING WORK DEFINED IN THE CONTRACT DOCUMENTS SHALL CONFORM TO THE CURRENT EDITION OF THE DISTRICT OF COLUMBIA BUILDING CODE, PROJECT SPECIFICATIONS, AND THIS DESIGN PACKAGE.
10. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL ON THE PLANS HAS NOT BEEN INDICATED. INSTALLATION DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS.
11. CONCRETE REPAIR AREAS INDICATED ON SHEET A-103 ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING.
12. DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO BID SUBMISSION.
13. ALL ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
14. THE CONTRACTOR SHALL REPORT DETERIORATED OR UNSUITABLE STRUCTURAL CONCRETE OR SUBSTRATES TO THE OWNER AND ENGINEER IN WRITING PRIOR TO PERFORMING OR CONTINUING WITH THE WORK.
15. THE CONTRACTOR IS RESPONSIBLE FOR SEGREGATING WORK AREAS FROM THE GENERAL PUBLIC USING SIGNS, CONES, CAUTION TAPE, ETC. THE CONTRACTOR SHALL CONTAIN ALL DUST AND DEBRIS DURING ALL PHASES OF THE WORK.
16. UPON COMPLETION OF THE WORK AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT AN ALL-INCLUSIVE LABOR AND MATERIALS GUARANTEE OF THE WORK TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP. THIS GUARANTEE SHALL BE FOR A PERIOD OF TWO (2) YEARS AND SHALL BE SIGNED BY A PRINCIPAL OF THE CONTRACTOR'S FIRM AND SEALED IF A CORPORATION.
17. THE CONTRACTOR'S BASE BID FOR THIS PROJECT MUST INCLUDE ALL LABOR, MOBILIZATION, PERMITTING, MATERIALS, TEMPORARY PROTECTION, ETC. NO ADDITIONAL COSTS WILL BE SUBMITTED TO THE OWNER OR ENGINEER IN ORDER TO COMPLETE THE INTENT OF THE WORK AS INDICATED ON THE DESIGN DRAWINGS.
18. THE CONTRACTOR PERSONNEL PRESENT AT THE SITE DURING ALL PHASES OF THE WORK MUST BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE WORK. THE CONTRACTOR'S WORKERS SHALL NOT BE CHANGED OR ROTATED DURING THE DURATION OF THIS PROJECT UNLESS SPECIFICALLY TRAINED FOR THIS PARTICULAR RENOVATION PROJECT AND APPLICATION - NO EXCEPTIONS.
19. THE CONTRACTOR IS TO COORDINATE ON-SITE USE OF WATER & ELECTRICITY WITH THE OWNER.
20. WATERPROOFING AND CONCRETE REPAIR MATERIAL MANUFACTURER'S TECHNICAL REPESENTATIVE AND SUBCONTRACTORS MUST BE PRESENT AT THE PROJECT PRECONSTRUCTION MEETING AND MUST INCLUDE PERIODIC SITE VISITS WITH FORMAL REPORTING AS SPECIFIED.
21. CONTRACTOR SHALL PERFORM REPAIR WORK IN ACCORDANCE WITH THE OWNER'S PHASING REQUIREMENTS, WHICH WILL INVOLVE OVERNIGHT WORK. REFER TO THE BID REQUIREMENTS FOR ADDITIONAL INFORMATION REGARDING SCHEDULE AND OVERNIGHT WORK REQUIREMENTS.
22. THE CONTRACTOR SHALL PROVIDE SHORING OF STRUCTURES AS REQUIRED.
23. JOB SITE SAFETY IS THE CONTRACTOR'S RESPONSIBILITY. GALE REPRESENTATIVES, INCLUDING SUBCONSULTANTS RETAINED BY GALE, MAY VISIT THE JOB SITE FROM TIME TO TIME. THESE VISITS ARE FOR CLARIFICATION OF SPECIFIC DESIGN RELATED ISSUES ONLY AND ARE NOT FOR THE PURPOSE OF JOB SITE SAFETY. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLY WITH ALL SITE SAFETY APPLICABLE REQUIREMENTS

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DRAWING SCALE	NONE

GRAPHIC SCALE

IF BORDER IS LESS THAN 8" x 36" USE GRAPHIC SCALES

SHEET TITLE

STANDARD ABBREVIATIONS, LEGEND, SYMBOLS AND GENERAL NOTES

DISTRICT OF COLUMBIA
SERGIO J. ZUCCA
No. PE41000079
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

G-002

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CONCRETE REPAIR NOTES

1. ALL CONCRETE REPAIRS SHALL BE PERFORMED IN ACCORDANCE WITH THESE TECHNICAL NOTES, THE PROJECT SPECIFICATIONS, AND REPAIR DETAILS AS WELL AS MANUFACTURER'S SPECIFIC REQUIREMENTS FOR THE SPECIFIED PRODUCTS.

2. DO NOT FEATHER EDGE ANY REPAIRS. THE MIN. REPAIR MORTAR APPLICATION THICKNESS IS PREFERRED TO BE 1", HOWEVER, NEVER LESS THAN ½" THICK AT PERIMETERS.

3. ALL LOOSE, DETERIORATED, SOFT, CARBONATED, DELAMINATING, SEGREGATED, CRACKED AND OTHER DEFICIENT CONCRETE MUST BE FULLY REMOVED DOWN TO SOLID CONCRETE SUBSTRATE. NOTIFY ENGINEER IF CRACKS ARE OBSERVED BEHIND THE SPALL AFTER THE DETERIORATED CONCRETE IS REMOVED.

4. PERIMETERS OF ALL SPALL REPAIRS MUST BE SAW-CUT TO A "NORMAL" STRAIGHT EDGE IN A POLYGON SHAPE. IN NO CASE REINFORCING STEEL OR OTHER EMBEDDED ITEMS BE CUT OR DAMAGED. THE CONTRACTOR MUST PROVIDE GROUND PENETRATING RADAR OR OTHER MEANS OF ELECTRONIC SCANNING TO LOCATE AND MARK EMBEDDED STEEL TO AVOID CUTTING. DAMAGE TO ANY STEEL REINFORCING OR OTHER EMBEDDED ITEMS DUE TO CUTTING/ REMOVAL OF THE DETERIORATED CONCRETE SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR MUST PROVIDE ELECTRIC CURRENT SCANNING TO LOCATE AND MARK EMBEDDED CONDUIT.

5. ALL SPALL REPAIR AREA SUBSTRATES MUST BE THOROUGHLY EXAMINED AFTER COMPLETING THE FINAL SURFACE PREPARATION, TO VERIFY THAT NO ADDITIONAL SUBSTRATE CRACKING OR OTHER STRUCTURAL CONDITIONS EXIST. NOTIFY GALE IF ANY CRACKS OR OTHER DETERIORATED CONDITIONS ARE IDENTIFIED.

6. SPALL REPAIR SURFACE PROFILE MUST ACHIEVE AN ICRI-CSP 8 OR 9. WHERE ACCESS IS LIMITED OR DIFFICULT DUE TO PIPING OR OTHER OBSTRUCTIONS, THEN AN ICRI-CSP 7 SURFACE PROFILE MAY BE CONSIDERED AS APPROVED BY THE ENGINEER.

7. RUSTED REINFORCING STEEL BARS MUST BE FULLY CLEANED TO BRIGHT, SHINY STEEL TO CONFORM TO SSPC SP11 REQUIREMENTS. WHERE REINFORCING STEEL IS SHOWING SECTION LOSS OF ⅛" OR 25% OR MORE SECTION LOSS, SUPPLEMENTAL REINFORCING STEEL MUST BE PLACED TO ACHIEVE A MINIMUM OF 20 BAR DIAMETER LENGTH LAPS, AND TIED DIRECTLY ADJACENT TO SOLID BAR SECTIONS THAT DO NOT HAVE SECTION LOSS. ADDITIONAL CONCRETE REMOVAL AND DRILLING WILL BE REQUIRED TO PLACE THE NEW REINFORCING STEEL.

8. REMOVE ADDITIONAL CONCRETE BEHIND AND AROUND ALL REINFORCING STEEL BARS WHICH ARE CORRODED SO THAT PROPER AND THOROUGH CLEANING MAY BE ACHIEVED AROUND THE ENTIRE BAR. A MINIMUM OF 1" CLEAR, UNOBSTRUCTED SPACE AROUND EACH REINFORCING STEEL BAR MUST BE ACHIEVED ALONG THE FULL LENGTH OF THE BAR IN THE AREA OF THE SPALL REPAIR. CLEAN BARS TO ACHIEVE SSPC-SP11 COMPLIANCE. BARS MUST BE FULLY UNCOVERED TO COMPLY WITH THAT NOTED HEREIN, IF ANY PORTION OF THE REBAR IS EXPOSED AND IT IS RUSTED.

9. IN ALL CASES, THE EXISTING AND NEW REINFORCING STEEL MUST HAVE A MINIMUM CONCRETE/REPAIR MORTAR COVER OF 1 ½". NOTIFY THE ENGINEER IF MODIFICATION OF STEEL PLACEMENT OR CONCRETE THICKNESS IS REQUIRED TO ACHIEVE THIS REQUIREMENT.

10. WITH LARGE OR DEEPER SPALL REPAIR AREAS, WITH DEPTHS EXCEEDING 3 INCHES, IF NO EXISTING REBAR IS PRESENT, OR REBAR GRID IS SEPARATED BY MORE THAN 6 INCHES, THEN THE SUBSTRATE OF THE REPAIR MUST BE PINNED WITH STAINLESS STEEL, 8 MM HELICAL TIES; OR STAINLESS STEEL FULLY THREADED CAP SCREWS WITH HEX HEADS PROJECTING OUTWARD BY 2 INCHES INTO THE MEDIUM OF THE REPAIR. DRILL HOLES FOR THREADED BOLTS (CAP SCREWS) TO 1/8" TO ¼" LARGER THAN THE BOLT DIAMETER. BOLT DIAMETERS SHALL BE 3/16" TO ¼", AND SHALL BE EMBEDDED 2 INCHES INTO SOLID CONCRETE. USE SPECIFIED STRUCTURAL ADHESIVE TO PLACE THREADED ROD PINS. HELICAL ANCHOR PINS, IF USED, MUST BE DRIVEN USING THE MANUFACTURER REQUIRED DRIVING TOOL AND BIT. PLACE PINS A MAXIMUM OF 8 INCHES ON CENTER, AND TIE 2" X 2" X 14 GAGE HOT-DIP GALVANIZED OR STAINLESS STEEL MESH FROM PIN-TO-PIN. PLACE THE MESH 2" FROM THE BELLY OF THE PREPARED SPALL AREA, WHILE ALWAYS MAINTAINING A MINIMUM 1 ½" OF CONCRETE/REPAIR MORTAR COVER AT THE OUTSIDE SURFACE OF THE REPAIR.

11. WHEN DRILLING INTO SOLID CONCRETE TO PLACE NEW SUPPLEMENTAL STEEL REINFORCING BARS, DRILL THE HOLES ¼" LARGER THAN THE BAR DIAMETER. FULLY VACUUM, BLOW OUT (WITH OIL FREE COMPRESSED AIR) AND BRISTLE BRUSH OUT THE HOLES TO REMOVE ALL DUST, DEBRIS, LAITANCE, ETC. THE DEPTH OF THE HOLES MUST BE DETERMINED BY THE ENGINEER BASED UPON BAR SIZE, LOCATION, AND NEED FOR DEVELOPMENT. THIS WILL BE DETERMINED ON A CASE BY CASE BASIS. IN NO CASE SHALL THE DRILLED HOLES BE LESS THAN THAT NOTED IN THE PROJECT SPECIFICATIONS UNLESS APPROVED BY THE ENGINEER. IN NO CASE SHALL SUPPLEMENTAL BARS BE LESS THAN #4 BARS, UNLESS OTHERWISE APPROVED BY THE ENGINEER. NEW REINFORCING STEEL BARS MAY BE #5 OR LARGER, DEPENDING UPON THE EXTENT OF REINFORCEMENT CORROSION AND NEED FOR SUPPLEMENTAL STEEL. BARS EMBEDDED INTO CLEANED DRILLED HOLES MUST BE FULLY ADHERED IN PLACE USING SIKADUR 31 HI-MOD AS MANUFACTURED BY SIKA CORPORATION, OR ENGINEER APPROVED EQUAL.

12. JUST PRIOR TO PLACING THE REPAIR MORTAR AND FORMWORK, THE ENTIRE SUBSTRATE OF THE SPALL REPAIR MUST BE THOROUGHLY CLEANED OF ALL BOND INHIBITING MATERIALS, BROUGHT TO SATURATED SURFACE DRY (SSD) CONDITION WITH POTABLE WATER OR RECEIVE THE BONDING AGENT OR BRISTLE BRUSH APPLIED BONDING SLURRY (ALL AS REQUIRED BY THE MATERIAL MANUFACTURER) AND BE CLEANED REBAR COATED WITH SPECIFIED COATING. APPLY TWO (2) COATS OF THE SPECIFIED REBAR COATING ON CLEANED EXISTING STEEL WITHOUT SPILLING THE MATERIAL ON ANY OTHER SURFACES OR COMPONENTS. DO NOT ALLOW THE COATING TO DRY BETWEEN COATS, NOR DRY PRIOR TO APPLYING THE REPAIR MORTAR. ALL MATERIALS MUST BE APPLIED IN A "WET-ON-WET" CONDITION FOR GREATER BOND.

13. FOLLOW ALL CURRENT MANUFACTURER DATA SHEETS AND CURRENT ACI AND ICRI CONCRETE REPAIR REQUIREMENTS AND CODE REGULATIONS FOR PROPER PLACEMENT, VIBRATION, CURING AND STRIPPING OF FORMS.

14. THE CONTRACTOR SHALL HIRE AND COORDINATE THE SERVICES OF THE MANUFACTURER'S TECHNICAL FIELD REPRESENTATIVE TO VISIT THE SITE A MINIMUM OF ONE (1) TIME PER WEEK DURING THE CONSTRUCTION PERIOD. MANUFACTURER'S SITE VISITS ARE REQUIRED FOR THE CRACK AND CONCRETE REPAIR MORTAR APPLICATION. THE MANUFACTURER'S REPRESENTATIVE SHALL REVIEW MATERIAL STORAGE, MIXING, INSTALLATION, CURING, ETC. AND SUBMIT A WRITTEN FIELD REPORT INDICATING OBSERVATIONS AND RECOMMENDATIONS FOR EACH SITE VISIT.

15. REFER TO THE QUALITY ASSURANCE SECTION OF THE TECHNICAL NOTES ON THIS SHEET.

16. REPAIRS ARE PART OF A PHASED REPAIR PROJECT WHICH HAVE BEEN COORDINATED WITH THE OWNER. REFER TO PROJECT SPECIFICATIONS.

17. GALVANIC ANODES SHALL BE PLACED IN ALL CONCRETE SPALL REPAIR AREAS. USE MINIMUM ONE (1) ANODE IN ALL SPALL REPAIRS WHERE SPECIFIED SPACING CANNOT BE ACHIEVED (SPALLS W/DIMENSIONS LESS THAT 18") ANODES SHALL BE PLACED WITHIN 4" OF THE SPALL REPAIR AREA PERIMETER. MAINTAIN A MINIMUM SPACE OF 1-1/2" AROUND THE FULL PERIMETER OF THE ANODES TO ALLOW CONCRETE REPAIR MORTAR PLACEMENT. TIE THE ANODES TO CLEANED AND SUPPLEMENTAL REINFORCING STEEL. THE CONTRACTOR MUST PERFORM CONTINUITY MEASUREMENTS VIA USE OF CALIBRATED ELECTRONIC DIGITAL OHM METER FOR EACH ANODE CONNECTION AND LEAD-WIRE. CONTINUITY MEASUREMENTS MUST BE RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AND OWNER INCLUSIVE CATALOGUED REPAIR LOCATION. WHERE AVAILABLE, TIE ANODES TO CROSS BARS AND INTERSECTING BARS.

18. ALL CONCRETE PATCH REPAIRS MUST BE APPLIED VIA FORM-AND -POUR METHODS. HAND PATCHING IS NOT ALLOWED ON THIS PROJECT.

PROTECTION OF EXISTING STRUCTURES

1. EXISTING STRUCTURES, UTILITY LINES AND EMBEDDED UTILITIES MUST BE COORDINATED WITH AND IDENTIFIED BY THE OWNER AND CONTRACTOR, AND MARKED ON-SITE PRIOR TO INITIATING CONSTRUCTION. IN THE EVENT THAT ANY UNMARKED OR UNKNOWN STRUCTURE/UTILITY ARE UNCOVERED BY THE CONTRACTOR, WORK MUST HALT AND THE CONTRACTOR SHALL REPORT ITS FINDINGS TO THE OWNER'S SITE REPRESENTATIVE FOR INSTRUCTIONS BEFORE PROCEEDING FURTHER. THE EXISTING STRUCTURES AND UTILITIES WHICH ARE ADJACENT TO THE SITE AND THOSE TO REMAIN WITHIN THE LIMITS OF THE WORK SHALL BE PROTECTED AGAINST DAMAGE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO THE OWNER IN THE EVENT OF REMOVAL OF OR DAMAGE TO ANY EXISTING OBJECTS BY CONTRACTORS PERSONNEL, WHICH ARE INTENDED BY THE OWNER TO REMAIN IN PLACE.

SECURITY OF EXISTING STRUCTURES

1. THE CONTRACTOR SHALL PROVIDE A SECURE AND WEATHER RESISTANT TEMPORARY STRUCTURE(S), AS REQUIRED, AT LOCATIONS OF THROUGH SLAB CONCRETE REPAIRS AT THE G-STREET SIDEWALK VAULT. THE STRUCTURE WILL BE SIZED TO ALLOW FOR DEMOLITION AND REPAIRS TO STRUCTURAL CONCRETE SLABS WITH SECURE DOORS AND LOCKS APPROVED BY THE OWNER.

QUALITY ASSURANCE

1. CONTRACTOR MUST COORDINATE AND PAY FOR ALL MATERIAL MANUFACTURER'S SITE VISITS TO REVIEW CONSTRUCTION. AT A MINIMUM, THE MANUFACTURER'S TECHNICAL REPRESENTATIVE SHALL BE ON SITE FOR THE FOLLOWING REVIEWS:
   - A. PRE-CONSTRUCTION MEETING.
   - B. CONCRETE PREPARATION PRIOR TO INSTALLATION OF MATERIALS.
   - C. REVIEW MATERIAL STORAGE, MIXING, SURFACE PREPARATION, APPLICATION, CURING AND TEMPORARY PROTECTION FOR EACH MATERIAL TYPE OR COMPONENT.
   - D. MINIMUM ONE (1) SITE VISIT PER WEEK DURING INSTALLATION. MOCK-UP OF EACH REPAIR TYPE WITH MANUFACTURER'S REPRESENTATIVE PRESENT.
   - E. PERIODIC TESTING OF MATERIAL THICKNESS TO CONFIRM CONFORMANCE TO MANUFACTURER'S WRITTEN TECHNICAL DATA AND THESE CONTRACT DOCUMENTS.
2. FOR EACH SITE VISIT, THE MANUFACTURER'S REPRESENTATIVE MUST PROVIDE A WRITTEN FIELD REPORT INDICATING AREAS REVIEWED, PROCEDURES USED, RECOMMENDATIONS MADE, INCORRECT INSTALLATIONS, CORRECTIVE ACTIONS AND PHOTOGRAPHIC DOCUMENTATION. THE WRITTEN FIELD REPORT MUST INCLUDE DATE, TIME, COMPLETE LIST OF PERSONNEL ON SITE, AREAS REVIEWED WITH SKETCH PLAN IDENTIFICATION; PLACED WITH PHOTO DOCUMENTS ON MANUFACTURER'S COMPANY LETTERHEAD.
3. THE CONTRACTOR SHALL OBTAIN AND PROVIDE COPIES OF ALL MATERIAL AND SYSTEM WARRANTIES TO THE OWNER.

STATEMENT OF SPECIAL INSPECTIONS

NOTE 1:
INSPECTION OR TESTING SHALL BE PROVIDED FOR ALL MATERIAL, COMPONENTS AND WORK LISTING IN THE TABLES BELOW.

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCE STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	—	X	ACI: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4000
2. REINFORCING BAR WELDING: A) VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; B) INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND C) INSPECT ALL OTHER WELDS.	— X	X X	AWS D1.4 ACI 318: 17.8.2	—
3. INSPECT ANCHORS CAST IN CONCRETE	—	X	ACI 318: 17.8.2	—
4. INSPECT ANCHOR POSTS-INSTALLED IN HARDENED CONCRETE MEMBERS. (B) A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	X	X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	—
5. VERIFY USE OF REQUIRED DESIGN MIX.	—	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	X	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.1000
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	—	ACI 318: 26.5	1908.6000, 1908.7000, 1908.8000
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 26.5.3-26.5.5	1908.9000
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS.	X X	— —	ACI 318: 26.10	—
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: 26.9	—
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	X	ACI 318: 26.11.2	—
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	X	ACI 318: 26.11.1.2(B)	—

NOTE 2:
DEFINITIONS:

A. CONTINUOUS INSPECTION: INDICATES SPECIAL INSPECTOR SHALL BE PRESENT DURING CONTRACTOR PERFORMANCE OF THE TASK.
B. PERIODIC INSPECTION: INDICATES SPECIAL INSPECTOR SHALL PROVIDE INSPECTION OR TESTING OF ALL WORK INDICATED, BUT THAT SPECIAL INSPECTOR IS NOT REQUIRED TO BE PRESENT DURING CONTRACTOR PERFORMANCE OF THE TASK. PERIODIC INSPECTION DOES NOT MEAN RANDOM INSPECTION IS ALLOWED.

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1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 G0x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	AS NOTED

GRAPHIC SCALE

IF BORDER IS LESS THAN 42" x 30" USE GRAPHIC SCALES

SHEET TITLE

GENERAL NOTES (CONTINUED)

DISTRICT OF COLUMBIA
DEREK J. ZIEK
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
G-003

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STRUCTURAL NOTES

1. ALL DIMENSIONS AND CONDITIONS MUST BE FIELD VERIFIED AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.

2. SHOP DRAWINGS FOR REINFORCING STEEL (INCLUDING ALL ACCESSORIES), POUR SCHEDULES, AND CONCRETE MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER AND STAMPED ACCEPTANCE RECEIVED PRIOR TO FABRICATION. ERECTION SHALL PROCEED BASED ON ACCEPTED SHOP DRAWINGS ONLY.

3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING AND BRACING FOR THE AFFECTED AREAS OF THE BUILDING DURING THE ENTIRE CONSTRUCTION PROCESS.

4. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITIONS OF THE FOLLOWING BUILDING AND TRANSPORTATION CODES AND STANDARDS:

   - 2017 DISTRICT OF COLUMBIA BUILDING CODE
   - DCMR 12J EXISTING BUILDING CODE SUPPLEMENT OF 2017
   - DCMR 24 PUBLIC SPACE AND SAFETY
   - ADA STANDARDS FOR ACCESSIBLE DESIGN BY THE U.S. DEPARTMENT OF JUSTICE
   - DC CODE CHAPTER 11 AND APPENDIX E
   - ICC/ANSI 117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
   - DDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES WITH 2020 DDOT SPECIFICATIONS REVISION
   - DDOT DESIGN AND ENGINEERING MANUAL

6. DESIGN LOADS:

   DESIGN CODE(S) - AS INDICATED THIS SECTION

   BUILDING RISK CATEGORY - II

   EXTERIOR FRAMED CONCRETE SIDEWALKS:
   DEAD LOADS.....ACTUAL WEIGHT
   SNOW LOADS:
   GROUND SNOW LOAD, pg.....25 PSF
   LIVE LOADS:
   IN ACCORDANCE WITH ASCE 7-16
   UNIFORM LOAD.....250 PSF

CONCRETE MASONRY NOTES

1. ALL REINFORCED CONCRETE MASONRY SHALL CONFORM TO THE LATEST EDITIONS OF THE NCMA "SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF LOAD-BEARING CONCRETE MASONRY," AND ACI 530 "BUILDING CODE REQUIREMENTS FOR MASONRY CONSTRUCTION.

2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE I NORMAL WEIGHT BLOCK AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI ON THE NET AREA. BRICK MASONRY SHALL CONFORM TO ASTM C62, GRADE SW AND HAVE A MINUMUM COMPRESSIVE STRENGTH OF 2500 PSI ON THE NET AREA.

3. MORTAR SHALL CONFORM TO ASTM C270, TYPE S MORTAR FOR THE REINFORCED CONCRETE MASONRY AND TYPE N FOR THE BRICK MASONRY.

4. GROUT TO FILL CELLS AND BOND BEAMS SHALL CONFORM TO ASTM C476, FINE TYPE, AND SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI:

   a. ALL GROUTING PROCEDURES SHALL CONFORM TO NCMA "TEK SERIES #23A" 9-02B AND 9-04A.
   b. GROUT SLUMP SHALL BE BETWEEN 8 AND 11 INCHES. SUBMIT MIX DESIGN TO ENGINEER FOR APPROVAL.

5. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED.

6. PROVIDE HORIZONTAL AND VERTICAL REINFORCING AS NOTED ON THE DRAWINGS AND FILL ALL CELLS WITH REINFORCEMENT WITH GROUT. REFER TO "MINIMUM WALL REINFORCING SCHEDULE" OR SECTIONS, FOR REQUIRED WALL REINFORCEMENT. HORIZONTAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH CORNERS, INTERSECTIONS AND PILASTERS, AND SHALL CONSIST OF TRUSS OR LADDER NO. 9 WIRE SPACED NOT MORE THAN 4'-0" ON CENTER.

7. GROUTING SHALL BE LIMITED TO A MAXIMUM WALL HEIGHT OF 64 INCHES PER LIFT, AND MUST BE VERIFIED FOR FULL HEIGHT SOLID PLACEMENT VIA CODE REQUIRED CLEAN OUTS.

8. ALL CMU DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF CHAPTERS 1 THROUGH 8 OF ASCE/ACI 530. PLACE CMU IN RUNNING BOND.

9. SET REINFORCING BARS AS INDICATED. PROVIDE VERTICAL AND HORIZONTAL LAP SPLICES, 40 BAR DIAMETERS MINIMUM OR OTHERWISE INDICATED. TIE BARS AND CENTER BARS IN CELL. INSPECT ALL CELLS FOR ALIGNMENT AND DEBRIS IN CELL PRIOR TO GROUTING.

10. CONTRACTOR TO NOTE THAT FLASHING, WEEPS, END DAMS, SEALANTS AND DRIP-EDGES ARE REQUIRED AT LOCATIONS SHOWN ON THE DRAWINGS AND SPECIFICATIONS FOR REQUIRED WORK AND MATERIALS.

CONCRETE SLABS-ON-GRADE

1. CONCRETE SLAB-ON-GRADE CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS FOR CLASS E PORTLAND CEMENT CONCRETE AS SPECIFIED BY THE 2020 DDOT STANDARD SPECIFICATIONS FOR HIGHWAY STRUCTURES, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

1.1.	MINIMUM 28 DAY COMPRESSIVE STRENGTH, f'c	3500 PSI
1.2.	SLUMP RANGE	0-3 IN
1.3.	MAXIMUM WATER/CEMENT RATIO	0.49
1.4.	COARSE AGGREGATE SIZE	57, OR 57 AND 4, OR 67 AND 4
1.5.	AIR CONTENT	5-8%
1.6.	MINIMUM CEMENT CONTENT	565 LB/C.Y.
1.7.	FINE AGGREGATE SIZE AND QUALITY	AASHTO M6
1.8.	WELDED WIRE FABRIC	AASHTO M 55
1.9.	DEFORMED REINFORCING STEEL	AASHTO M31, Gr. 60
1.10.	EPOXY-COATED REINFORCEMENT STEEL	ASTM A775
1.11.	POLYETHYLENE SHEETING	AASHTO M 171

2. WHERE CONTINUOUS BARS ARE CALLED FOR THEY SHALL BE RUN CONTINUOUSLY AROUND CORNERS AND LAPPED AT NECESSARY SPLICES OR HOOKED AT DISCONTINUOUS ENDS. LAPS SHALL BE 40 BAR DIAMETERS (MINIMUM), UNLESS OTHERWISE SHOWN. USE 2'-0"x 2'-0" CORNER BARS AT EACH CORNER FOR EACH CONTINUOUS HORIZONTAL BAR.

3. ALL REINFORCING BARS SHALL BE COLD BENT IN ACCORDANCE TO THE PROPER RADII ESTABLISHED BY THE AMERICAN CONCRETE INSTITUTE. UNDER NO CONDITIONS SHALL HEAT BE APPLIED TO THE BARS TO OBTAIN BENDS.

4. FORMS SHALL BE OILED PRIOR TO THEIR ERECTION. REINFORCING BARS WHICH ARE COATED WITH FORM OIL OR ANY OTHER BOND BREAKING MATERIAL WILL BE REJECTED AND WILL REQUIRE REPLACEMENT AT NO ADDITIONAL COST TO THE OWNER.

5. CONCRETE SHALL NOT CONTAIN SLAG OR SILICA FUME. IF USING FLY-ASH, THE MAXIMUM QUANTITY PER WEIGHT OF CEMENT SHALL BE 15%. FLY-ASH SHALL CONFORM TO AASHTO M295, CLASS C OR CLASS F. SUBMIT FLY-ASH CERTIFICATION FOR APPROVAL WITH MIX DESIGNS.

6. SUBMIT COMPLETE REINFORCING STEEL SHOP DRAWINGS ALONG WITH COMPLETE CONCRETE MIX DESIGN (INCLUDING ALL ADDITIVES AND THEIR CONTENT) TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATING STEEL.

7. ADDITION OF WATER TO CONCRETE MIXES AT THE SITE IS NOT ALLOWED. SUCH CONCRETE SHALL BE IMMEDIATELY REJECTED. MID-RANGE, OR HIGH RANGE, OR SUPERPLASTICIZERS ARE ALLOWED IN THE MIX TO ASSIST IN WORKABILITY AND PUMPING OPERATIONS, AND MIX-DESIGN MAKE-UP WATER MAY BE POST SUPPLEMENTED AT THE SITE. TESTING FIRM MUST MEASURE AND REPORT.

8. ALL CONCRETE SHALL BE READY-MIXED AT PLANT COMPLYING WITH AASHTO M157. SITE/HAND MIXING IS NOT ALLOWED AND SHALL BE REJECTED.

9. ALL CONCRETE SHALL BE REINFORCED AS SHOWN ON THE DRAWINGS. PROVIDE SUFFICIENT CHAIR OR SUPPORT BARS AS NECESSARY TO PROPERLY POSITION REINFORCING STEEL. PULL UP OF BARS OR MESH, OR UNSUPPORTED BARS OR MESH WILL NOT BE ALLOWED. "WET STICKING" OF BARS WILL NOT BE ALLOWED.

10. ALL CONCRETE SHALL BE POURED TO THE SPECIFIED THICKNESS AND REINFORCED AS SHOWN ON THE DRAWINGS. WELDED WIRE MESH REINFORCEMENT SHALL CONFORM TO A.S.T.M. A185, AND SHALL LAP 6" MINIMUM OR ONE SPACE, WHICHEVER IS LARGER, AND SHALL BE WIRED TOGETHER. IT IS REQUIRED THAT CHAIR BARS BE USED TO MAINTAIN PROPER LOCATION OF WELDED WIRE MESH.

11. FIELD TESTING OF CONCRETE USED FOR SLABS-ON-GRADE SHALL CONFORM TO THE DDOT SPECIFICATIONS SECTION 501.15, INCLUDING BUT NOT LIMITED TO:
    - AIR CONTENT OF PLASTIC CONCRETE — AASHTO T196 OR T152
    - SLUMP - — AASHTO T119
    - COMPRESSIVE STRENGTH — AASHTO T23
    - FLEXURAL STRENGTH — AASHTO T117
    - CONTRACTOR SHALL PROVIDE CONCRETE CYLINDER CURING FACILITIES AT THE PROJECT SITE. SPECIMENS SHALL BE STORED UP TO 48-HOURS IN A CONCRETE CURING BOX. ONE (1) SET OF TEST SPECIMENS SHALL BE MADE FOR EVERY FIFTY (50) CUBIC YARDS OF CONCRETE PLACED, AND SHALL BE OBTAINED FROM EACH CONCRETE DELIVERY TRUCK.
    - CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORTING THE CONCRETE SPECIMENS TO THE DEPARTMENT OF TRANSPORTATION MATERIALS TESTING FACILITY.
    - CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL TESTING REPORTS TO THE ENGINEER FOR REVIEW.
    - ACCEPTANCE BY THE ENGINEER SHALL BE BASED UPON THE DEPARTMENT OF TRANSPORTATION MATERIALS TESTING FACILITY TEST RESULTS/REPORTS.

12. CHAIR BARS FOR SECURE PLACEMENT AND POSITIONING OF REINFORCING STEEL IS TO BE PROVIDED. CHAIR BAR OR SIMILAR APPROVED MANUFACTURED DEVICES INTENDED FOR USE MUST BE SUBMITTED TO GALE AND APPROVED IN WRITING PRIOR TO ORDERING MATERIALS. REINFORCING SUPPORTS SHALL BE OF PROPER HEIGHT, LENGTH, SPACING, SIZE AND MATERIAL TYPE; AND SUBMITTAL SHALL INCLUDE THIS DATA WITH CURRENT MANUFACTURER DATA SHEETS. IN NO CASE SHALL BRICK, WOOD OR OTHER NON-CONFORMING REINFORCING STEEL SUPPORTS BE USED.

13. ALL OTHER REQUIREMENTS NOT LISTED IN THE CONCRETE NOTES, OR PROJECT SPECIFICATIONS AND DRAWINGS, SHALL CONFORM TO THE DDOT SPECIFICATIONS AND DRAWINGS.

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2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 G0x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	NONE

GRAPHIC SCALE

IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALE

SHEET TITLE

GENERAL NOTES (CONTINUED)

DISTRICT OF COLUMBIA
DEREK J. ZIELKE
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
G-004

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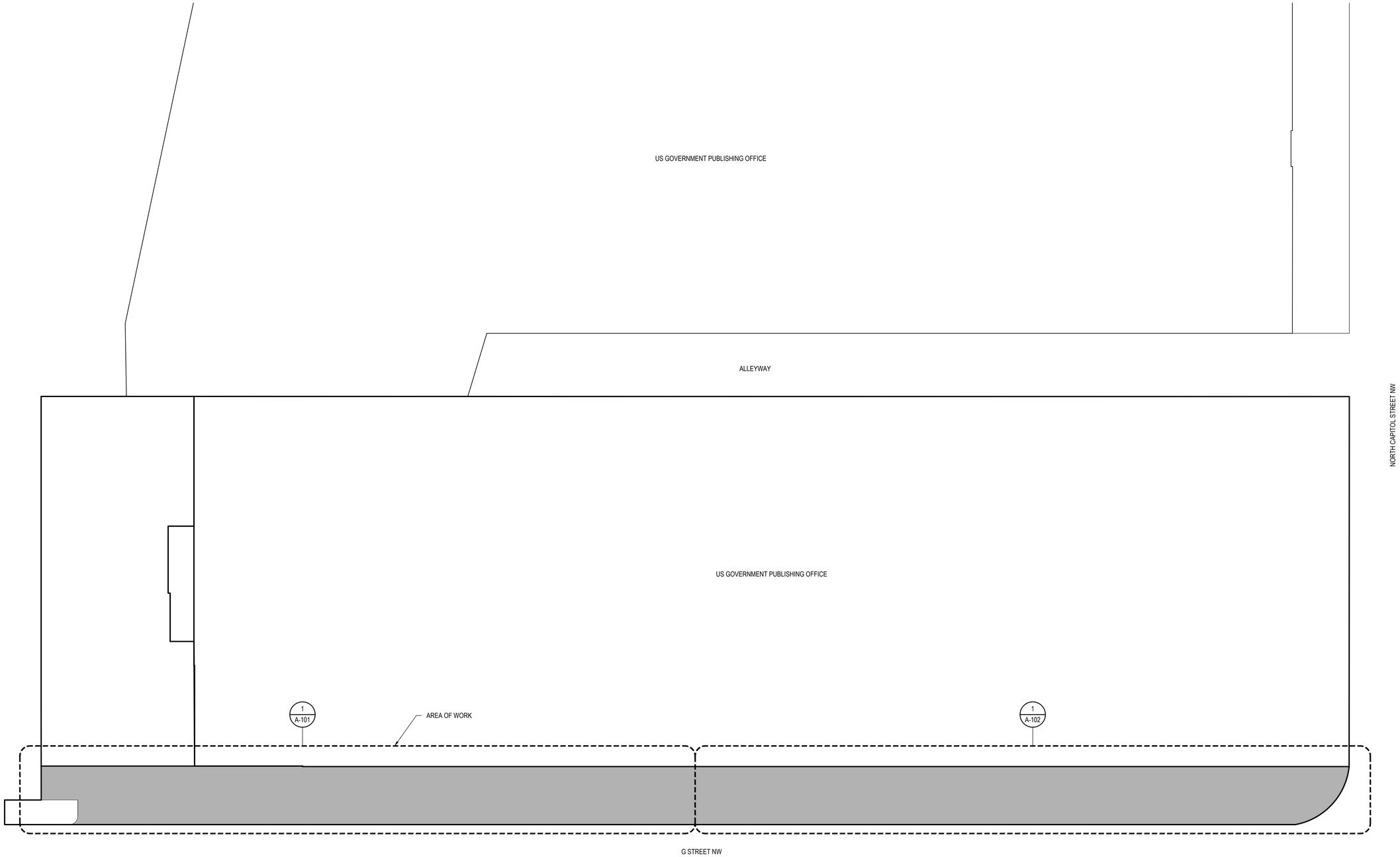

A
A-100
WORK AREA PLAN
SCALE: N.T.S.

NORTH

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CHECKED BY	DJZ
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DRAWING SCALE	NOT TO SCALE

GRAPHIC SCALE

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SHEET TITLE

WORK AREA PLAN

DISTRICT OF COLUMBIA
DERIK J. ZUCK
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
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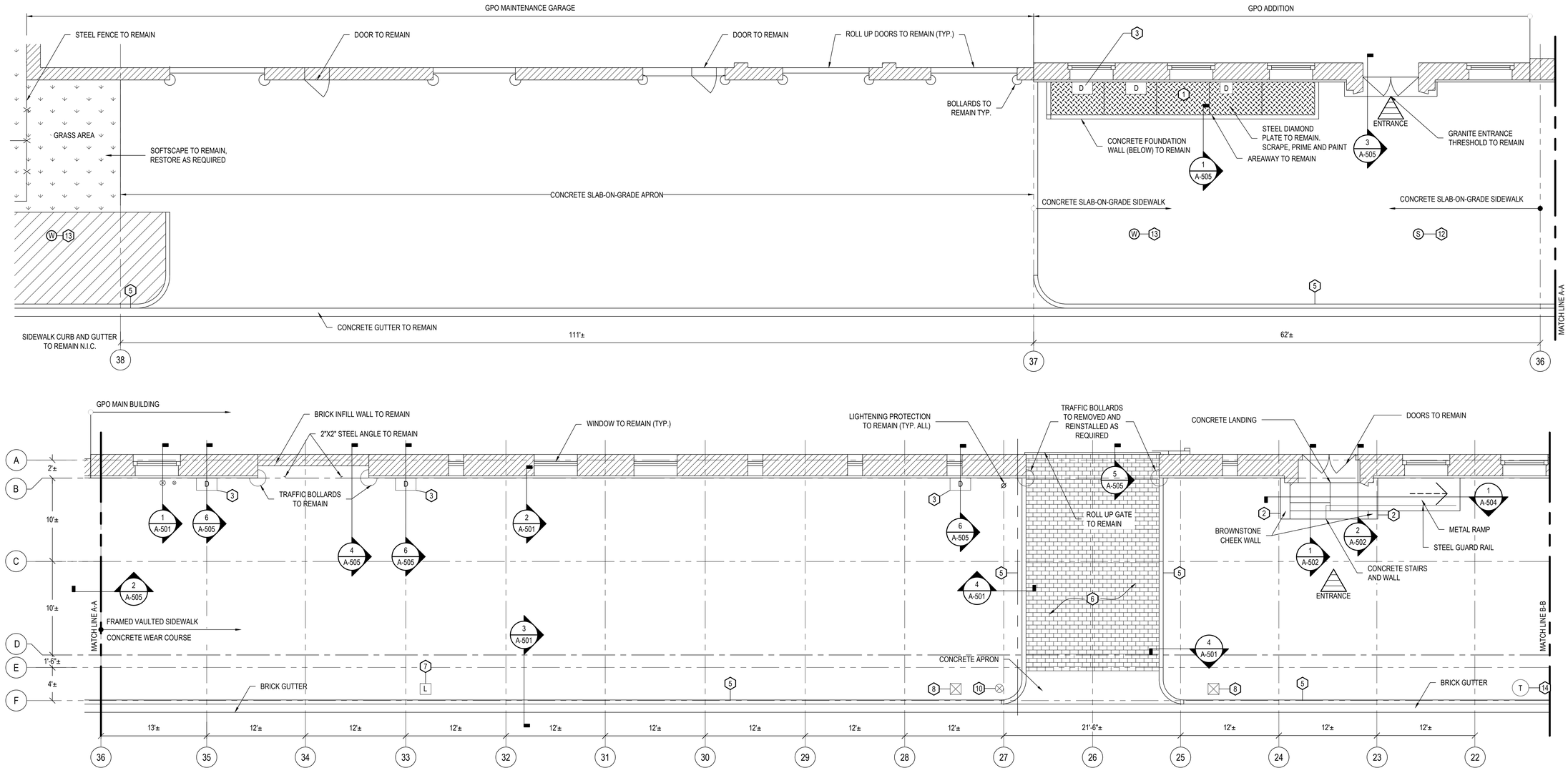


1 / A-101 SIDEWALK PLAN - EXISTING CONDITIONS

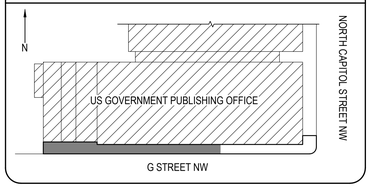
SCALE: 3/16" = 1'-0"

NORTH

GENERAL NOTES

1. PROVIDE TEMPORARY, SECURE, PROTECTIVE COVERING OR STRUCTURE AS REQUIRED AT FULL DEPTH STRUCTURAL SLAB REPAIRS TO MAINTAIN SECURE FACILITY. REFER TO PROJECT SPECIFICATIONS.
2. EXISTING SIDEWALK CONCRETE WEAR COURSE CONTROL JOINTS ARE SPACED AT APPROX. 36" O.C. EACH WAY, NOT SHOWN FOR CLARITY.
3. REMOVE AND DISPOSE OF ALL CONCRETE SLABS ON GRADE (APRON), CONCRETE GUTTER, BRICK GUTTER, CONCRETE SLABS ON GRADE (SIDEWALK), STAIRS, RAMPS, CONCRETE WEARCOURSE, WATERPROOFING, GUARD RAILS, AND HANDRAILS, UNLESS SPECIFICALLY INDICATED TO REMAIN.
4. REFER TO A-104, A105, A106 FOR NEW SIDEWALK CONDITIONS. SLOPE TO MATCH EXISTING. REFER TO CIVIL DRAWINGS.

KEYPLAN



KEYNOTES

1. PROVIDE SHORING AT SHEET METAL DUCTWORK AS-REQUIRED TO FACILITATE WORK.
2. REMOVE EXISTING BROWNSTONE CHEEK WALLS. STORE FOR RECONSTRUCTION.
3. REMOVE AND REPLACE EXISTING DUCTWORK.
4. PROTECT AND BRACE STORMWATER MANAGEMENT CURB INLET AS REQUIRED DURING DEMOLITION AND CONSTRUCTION REFER TO CIVIL DRAWINGS
5. GRANITE CURB TO REMAIN AND BRICK/CONCRETE GUTTER TO REMAIN.
6. REMOVE, STORE, AND REINSTALL EXISTING PAVERS.
7. STREET LIGHT TO REMAIN DURING CONSTRUCTION.
8. STREET SIGN TO BE REMOVED AS REQUIRED DURING CONSTRUCTION. CONTRACTOR TO PROVIDE TEMPORARY SIGNAGE AS REQUIRED BY DC DOT.
9. PARKING METER TO BE REMOVED, STORED, AND REINSTALLED.
10. FIRE HYDRANT TO REMAIN, HYDRANT TO BE FULLY OPERATION DURING CONSTRUCTION.
11. TRAFFIC LIGHT TO REMAIN AND BE OPERATIONAL THROUGHOUT CONSTRUCTION.
12. REMOVE AND REPLACE MANHOLE/SEWER COVER, FRAME AND SEALS AS REQUIRED.
13. WATER VALVE TO REMAIN. REMOVE AND REPLACE COVER AND FRAMING AS REQUIRED.
14. REMOVE, STORE, AND REINSTALL TRASHCAN.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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SHEET TITLE

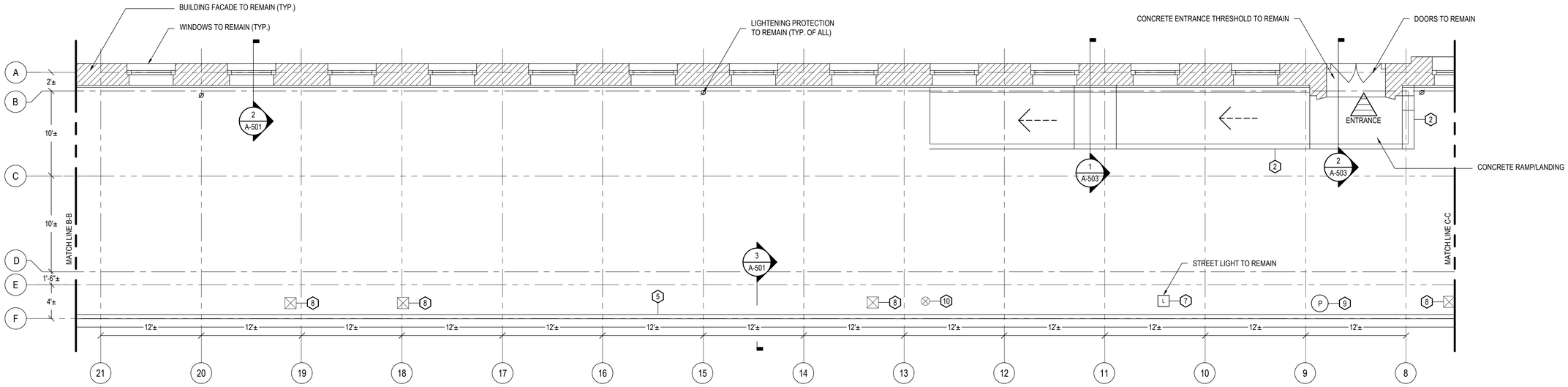
SIDEWALK PLAN EXISTING CONDITIONS

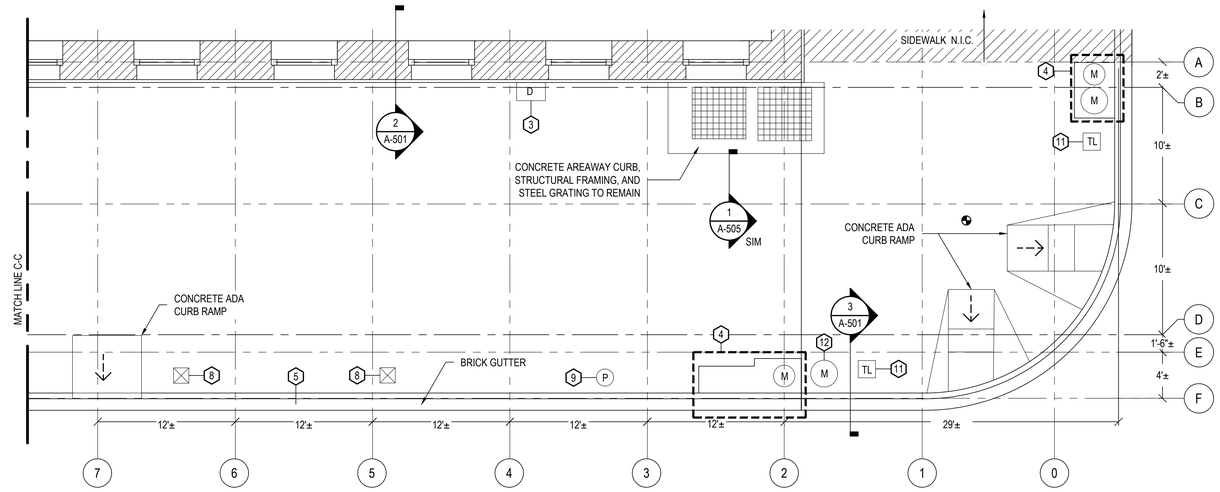
DISTRICT OF COLUMBIA
DERICK J. ZIEGLER
No. PE40000278
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-101

O:\656429\02 DESIGN\656429 A1X.DWG • 4/22/2024 3:48:00 PM • MLF >





1 / A-102 SIDEWALK PLAN - EXISTING CONDITIONS

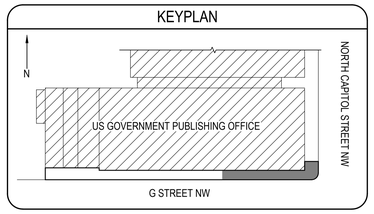
SCALE: 3/16" = 1'-0"

NORTH

GENERAL NOTES

1. PROVIDE TEMPORARY, SECURE, PROTECTIVE COVERING OR STRUCTURE AS REQUIRED AT FULL DEPTH STRUCTURAL SLAB REPAIRS TO MAINTAIN SECURE FACILITY. REFER TO PROJECT SPECIFICATIONS.
2. EXISTING SIDEWALK CONCRETE WEAR COURSE CONTROL JOINTS ARE SPACED AT APPROX. 36" O.C. EACH WAY, NOT SHOWN FOR CLARITY.
3. REMOVE AND DISPOSE OF ALL CONCRETE SLABS ON GRADE (APRON), CONCRETE GUTTER, BRICK GUTTER, CONCRETE SLABS ON GRADE (SIDEWALK), STAIRS, RAMPS, CONCRETE WEARCOURSE, WATERPROOFING, GUARD RAILS, AND HANDRAILS, UNLESS SPECIFICALLY INDICATED TO REMAIN.
4. REFER TO A-104, A105, A106 FOR NEW SIDEWALK CONDITIONS. SLOPE TO MATCH EXISTING. REFER TO CIVIL DRAWINGS.

KEYPLAN



KEYNOTES

1. PROVIDE SHORING AT SHEET METAL DUCTWORK AS-REQUIRED TO FACILITATE WORK.
2. REMOVE EXISTING BROWNSTONE CHEEK WALLS. STORE FOR RECONSTRUCTION.
3. REMOVE AND REPLACE EXISTING DUCTWORK.
4. PROTECT AND BRACE STORMWATER MANAGEMENT CURB INLET AS REQUIRED DURING DEMOLITION AND CONSTRUCTION REFER TO CIVIL DRAWINGS
5. GRANITE CURB TO REMAIN AND BRICK/CONCRETE GUTTER TO REMAIN.
6. REMOVE, STORE, AND REINSTALL EXISTING PAVERS.
7. STREET LIGHT TO REMAIN DURING CONSTRUCTION.
8. STREET SIGN TO BE REMOVED AS REQUIRED DURING CONSTRUCTION. CONTRACTOR TO PROVIDE TEMPORARY SIGNAGE AS REQUIRED BY DC DOT.
9. PARKING METER TO BE REMOVED, STORED, AND REINSTALLED.
10. FIRE HYDRANT TO REMAIN, HYDRANT TO BE FULLY OPERATION DURING CONSTRUCTION.
11. TRAFFIC LIGHT TO REMAIN AND BE OPERATIONAL THROUGHOUT CONSTRUCTION.
12. REMOVE AND REPLACE MANHOLE/SEWER COVER, FRAME AND SEALS AS REQUIRED.
13. WATER VALVE TO REMAIN. REMOVE AND REPLACE COVER AND FRAMING AS REQUIRED.
14. REMOVE, STORE, AND REINSTALL TRASHCAN.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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Phone: (301) 357-2851
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PROJECT
G STREET SIDEWALK REPAIRS
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A1x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3/16" = 1'

GRAPHIC SCALE

0 4' 8' 12'

IF BORDER IS LESS THAN 42" x 30" USE GRAPHIC SCALE

SHEET TITLE

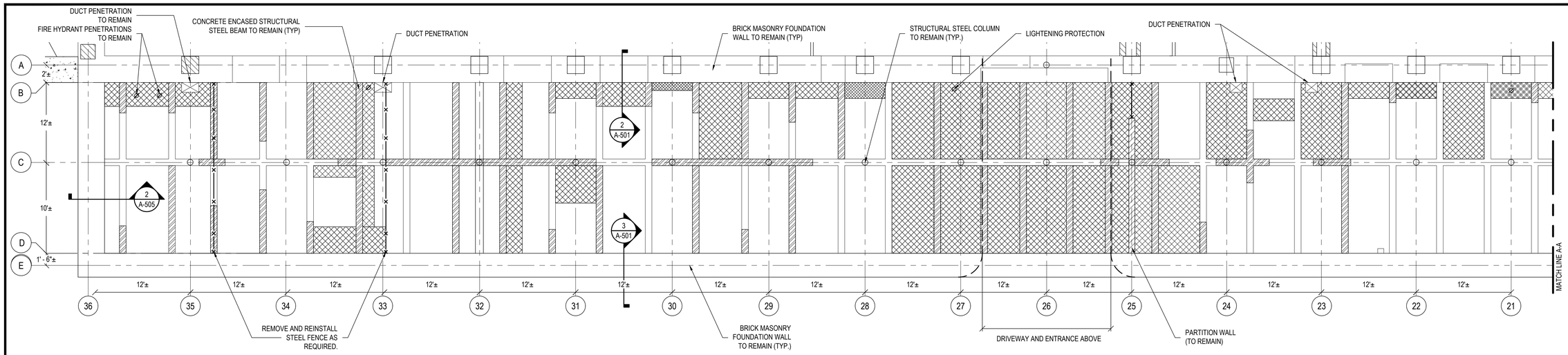
SIDEWALK PLAN
EXISTING
CONDITIONS

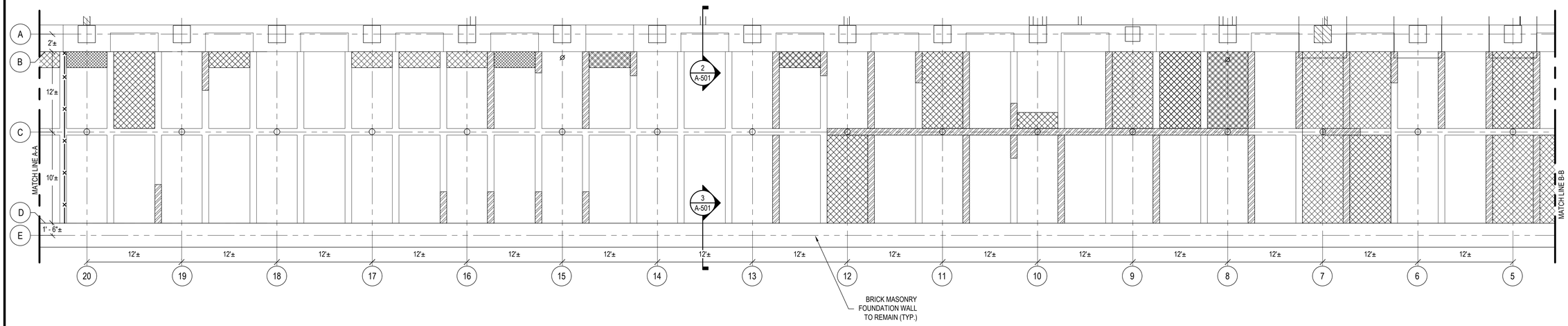
DISTRICT OF COLUMBIA
DERICK J. ZIEGLER
No. PE40000728
LICENSED
PROFESSIONAL ENGINEER

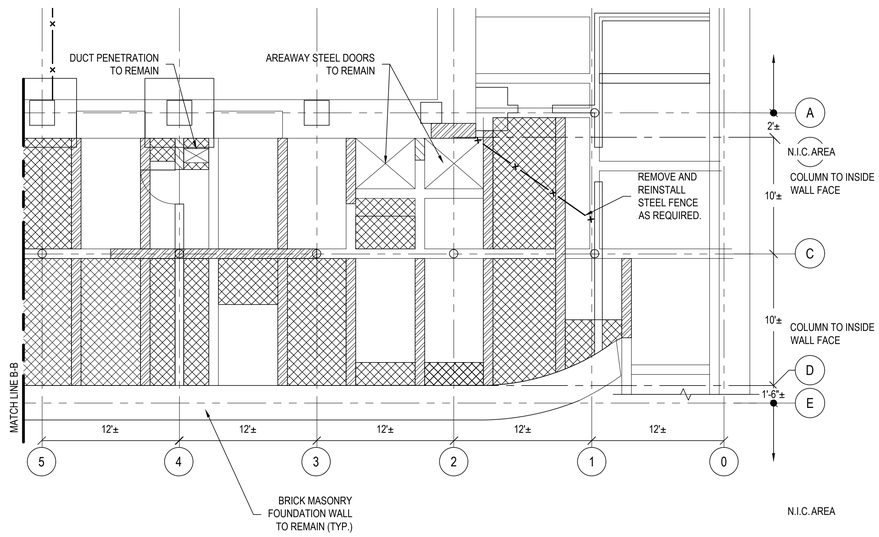
DRAWING NO.

A-102

O:\656429\02 RESCH\656429 A1X.DWG • 4/22/2024 3:48:03 PM • MLF >







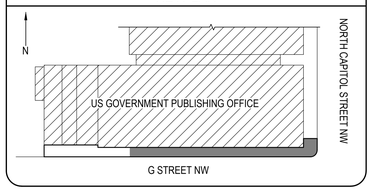
1 A-103 SIDEWALK REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

REPAIR LEGEND

- REMOVE AND REPLACE DETERIORATED CONCRETE ENCASEMENT AT STRUCTURAL STEEL BEAMS
- REMOVE AND REPLACE DETERIORATED CONCRETE SLAB FULL DEPTH

KEYPLAN



GENERAL NOTES

1. REMOVE PAINT COATINGS AT STRUCTURAL SLAB SOFFIT AND CONCRETE ENCASED FRAMING THROUGHOUT SIDEWALK VAULT.
2. STRUCTURAL SLAB SOFFIT AND CONCRETE ENCASED FRAMING TO RECEIVE PAINT COATINGS UNLESS NOTED OTHERWISE.
3. AT AREAS DESIGNATED FOR CONCRETE REPAIRS, AT BEAMS AND SLABS, THE CONTRACTOR SHALL:
   A. DETACH THREADED ROD HANGERS, AND PROVIDE TEMPORARY SUPPORT AT CITY WATER/SEWER LINES.
   B. DETACH THREADED ROD HANGERS, AND PROVIDE TEMPORARY SUPPORT AT SPRINKLER LINES.
   C. DETACH ELECTRICAL CONDUIT, JUNCTION BOXES, AND LIGHT FIXTURES, AND PROVIDE TEMPORARY SUPPORT OF SAME.
   D. AT COMPLETION OF CONCRETE REPAIRS: REATTACH ALL DETACHED ITEMS AND DISPOSE OF TEMPORARY SUPPORTS.
4. THE CONTRACTOR SHALL COORDINATE ACCESS TO LOCKED AND ALARMED ROOMS WITH THE OWNER PRIOR TO CONSTRUCTION/DEMOLITION.
5. THE CONTRACTOR SHALL PROVIDE A SECURED COVERED AND WEATHER TIGHT STRUCTURE OVER ALL THROUGH SLAB CONCRETE REPAIR AREAS. THE DIMENSIONS OF THE STRUCTURE WILL BE SUFFICIENT TO ALLOW FOR ACCESS TO REPAIR AREAS.
6. REFER TO S-501 FOR STRUCTURAL REPAIR DETAILS.

NORTH

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PROJECT
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WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A1x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3/16" = 1'

GRAPHIC SCALE
0 4' 8' 12'
IF BORDER IS LESS THAN 42" x 30" USE GRAPHIC SCALE

SHEET TITLE
SIDEWALK REFLECTED CEILING PLAN EXISTING CONDITIONS

DISTRICT OF COLUMBIA
DERICK J. ZUCK
No. PE42000079
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
A-103

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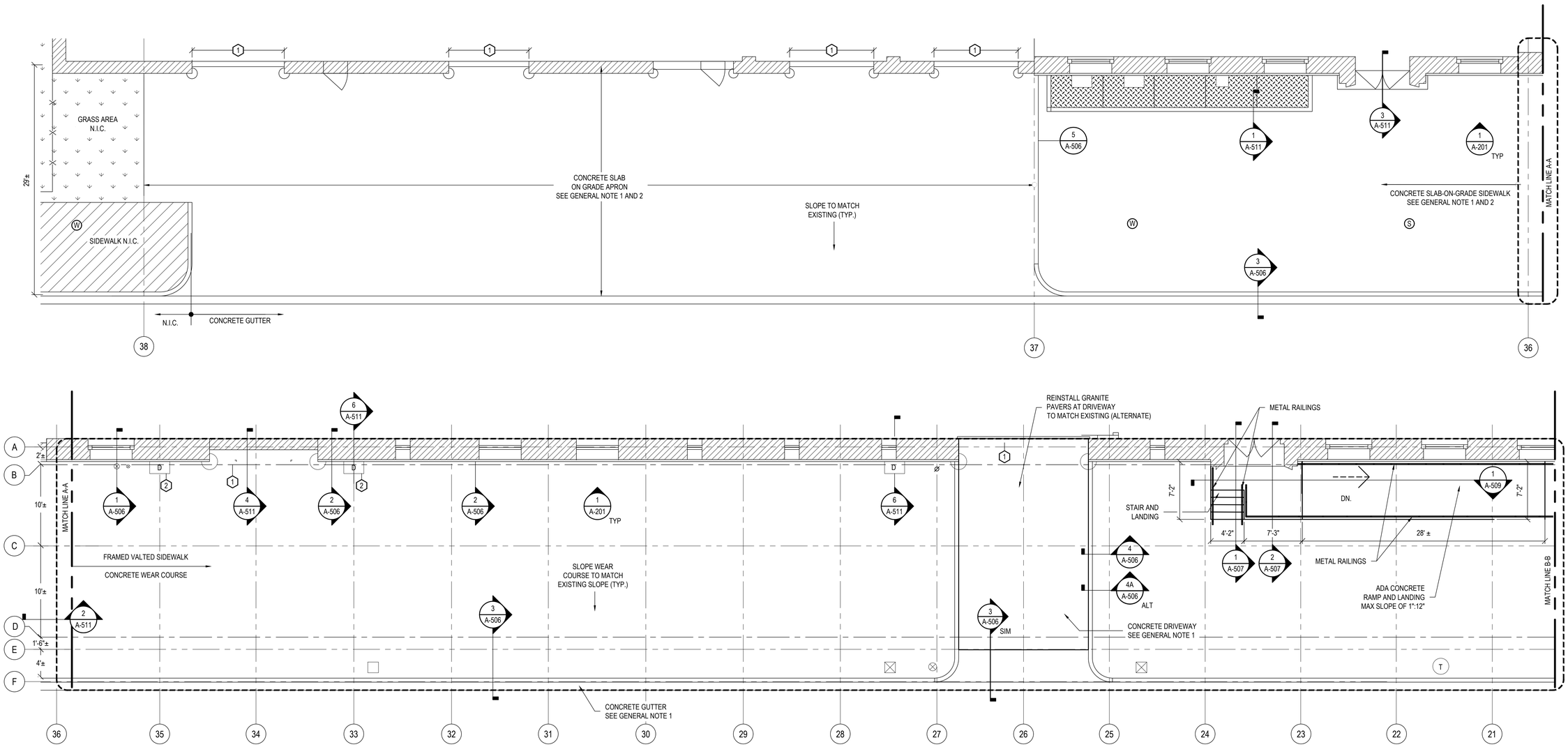


1 / A-104 SIDEWALK PLAN - NEW CONSTRUCTION
SCALE: 3/16" = 1'-0"

NORTH

KEYNOTES

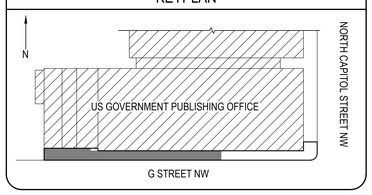
1. PROVIDE SEALANT AND BACKER MATERIAL BETWEEN NEW AND EXISTING SLABS.
2. PROVIDE NEW J-VENT DUCTWORK. SEE DETAIL 6/A511.

REPAIR LEGEND

REPAIR BRICK MASONRY AND BROWNSTONE FACADE. TYPICAL OF ALL BRICK MASONRY FROM GRADE UP TO SECOND FLOOR. REFER TO DETAILS ON SHEET A-513

THE CONTRACTOR SHALL PROVIDE A SECURED COVERED AND WEATHER TIGHT STRUCTURE OVER ALL THROUGH SLAB CONCRETE REPAIR AREAS. THE DIMENSIONS OF THE STRUCTURE WILL BE SUFFICIENT TO ALLOW FOR ACCESS TO REPAIR AREAS.

KEYPLAN



GENERAL NOTES

1. REFER TO CIVIL DRAWINGS AND DDOT REQUIREMENTS.
2. PROVIDE SIDEWALK CONCRETE WEARCOURSE CONTROL JOINTS AT 36" O.C. EACH WAY.
3. RESET ALL EXISTING STREET SIGNS, PARKING METERS, SURVEY MONUMENTS AND, TRASH CANS.
4. PROVIDE SEALANT AND BACKER MATERIAL BETWEEN ALL NEW CONCRETE PAVING AND BUILDING WALLS.

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A1x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3/16" = 1'

GRAPHIC SCALE
0 6" 9" 12"
IF BORDER IS LESS THAN 40 x 28" USE GRAPHIC SCALES.

SHEET TITLE
SIDEWALK PLAN
NEW
CONSTRUCTION

DISTRICT OF COLUMBIA
DEREK J. ZIEGLER
LICENSED
No. PE40000728
PROFESSIONAL ENGINEER

DRAWING NO.
A-104

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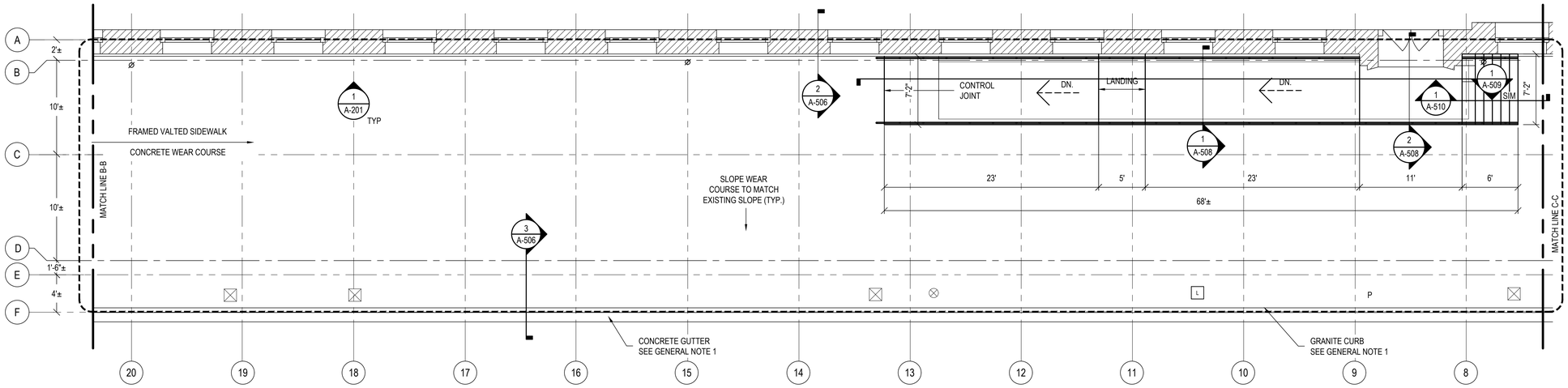
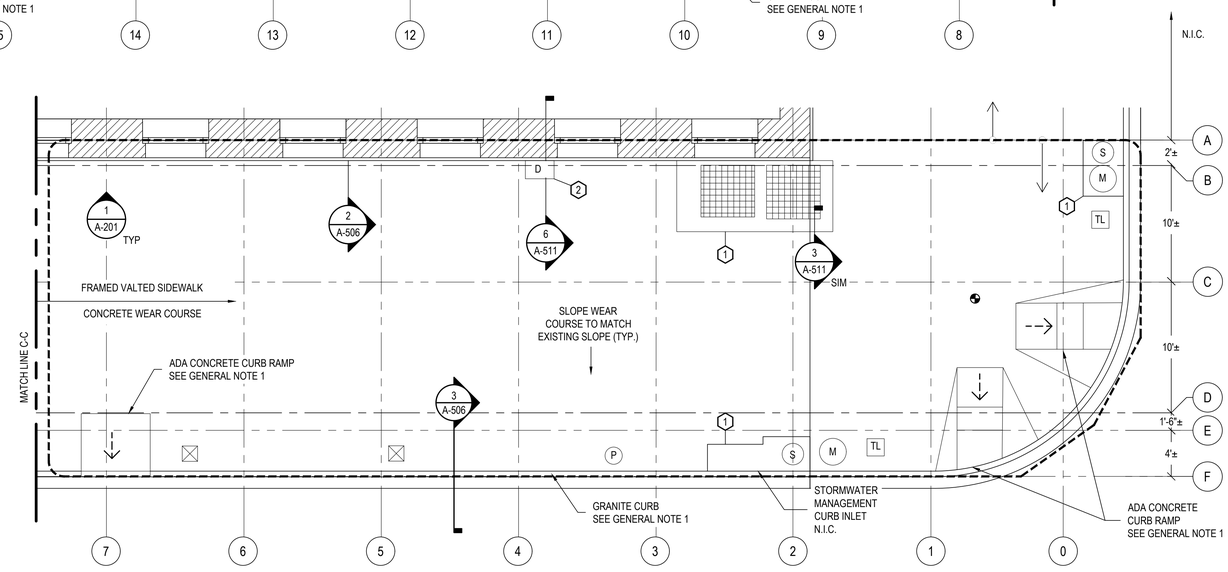




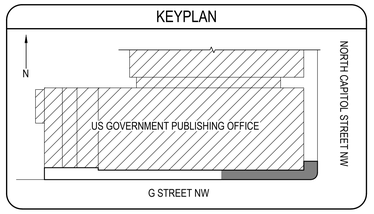
1 / A-105 SIDEWALK PLAN - NEW CONSTRUCTION

SCALE: 3/16" = 1'-0"

KEYNOTES

1. PROVIDE SEALANT AND BACKER MATERIAL BETWEEN NEW AND EXISTING SLABS.
2. PROVIDE NEW J-VENT DUCTWORK. SEE DETAIL 6/A511.

KEYPLAN



REPAIR LEGEND

REPAIR BRICK MASONRY AND BROWNSTONE FACADE. REFER TO DETAILS ON SHEET A-513

THE CONTRACTOR SHALL PROVIDE A SECURED COVERED AND WEATHER TIGHT STRUCTURE OVER ALL THROUGH SLAB CONCRETE REPAIR AREAS. THE DIMENSIONS OF THE STRUCTURE WILL BE SUFFICIENT TO ALLOW FOR ACCESS TO REPAIR AREAS.

GENERAL NOTES

1. REFER TO CIVIL DRAWINGS AND DDOT REQUIREMENTS.
2. PROVIDE SIDEWALK CONCRETE WEARCOURSE CONTROL JOINTS AT 36" O.C. EACH WAY.
3. RESET ALL EXISTING STREET SIGNS, PARKING METERS, SURVEY MONUMENTS AND, TRASH CANS.
4. PROVIDE SEALANT AND BACKER MATERIAL BETWEEN ALL NEW CONCRETE PAVING AND BUILDING WALLS.

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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PROJECT
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WASHINGTON, DC 20401

OWNER
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732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A1x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3/16" = 1'

GRAPHIC SCALE

0 4' 8' 12'

IF BORDER IS LESS THAN 6" x 9" USE GRAPHIC SCALE

SHEET TITLE

SIDEWALK PLAN
NEW
CONSTRUCTION

DISTRICT OF COLUMBIA
DEREK J. ZIEGLER
No. PE40000218
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.

A-105

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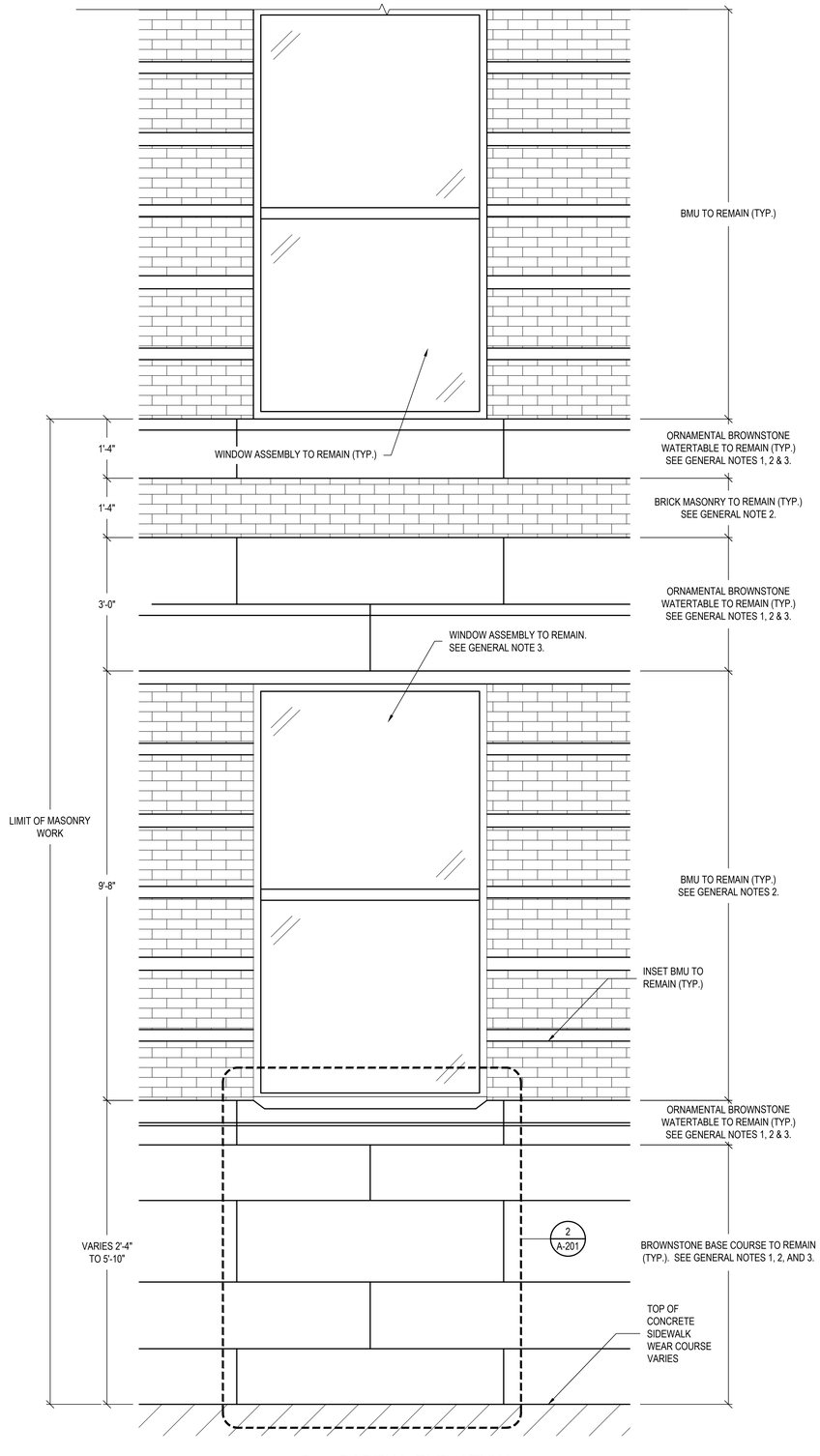
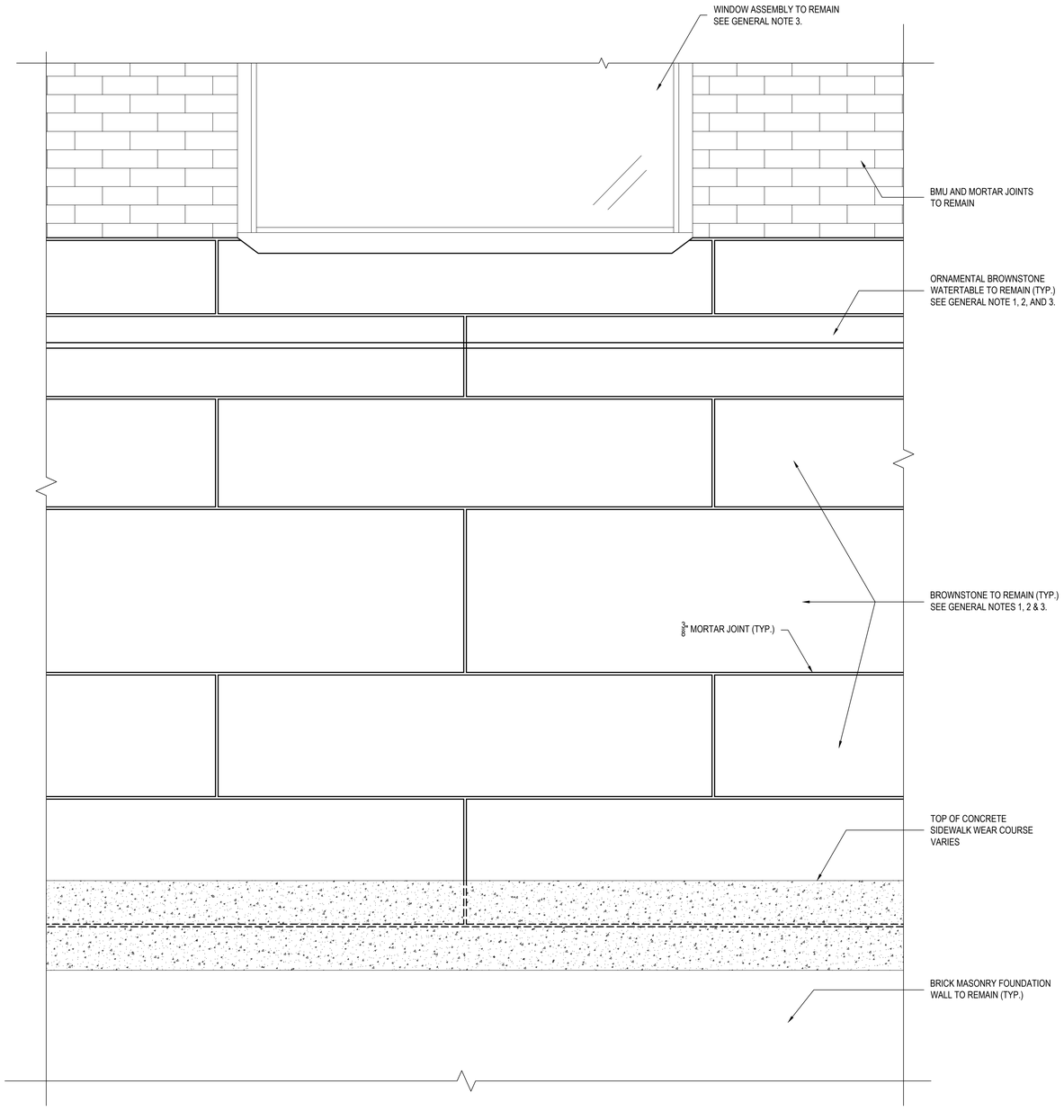


1 A-201 PARTIAL ELEVATION
SCALE: 3/4" = 1'



2 A-201 TYPICAL PARTIAL ELEVATION AT GRADE
SCALE: 1-1/2" = 1'

GENERAL NOTES

1. REPOINT ALL MORTAR JOINTS IN BROWNSTONE UNITS BELOW SECOND FLOOR WINDOWS. REFER TO DETAILS ON SHEET A-512.
2. REPAIR SPALLED/CRACKED BROWNSTONE UNITS. REFER TO DETAILS ON A-512.
3. REMOVE AND REPLACE WINDOW PERIMETER SEALANT JOINTS AT GROUND FLOOR WINDOWS ALONG G-STREET.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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WASHINGTON, DC 20401

OWNER
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732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A2x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3/4" = 1'

GRAPHIC SCALE
0 1' 2' 3'
IF BORDER IS LESS THAN 42" x 30" USE GRAPHIC SCALE

SHEET TITLE
PARTIAL ELEVATIONS

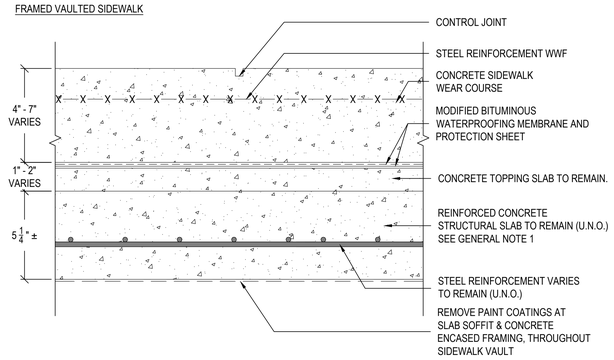
DISTRICT OF COLUMBIA
DERICK J. ZIEGLER
No. PE40000278
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
A-201

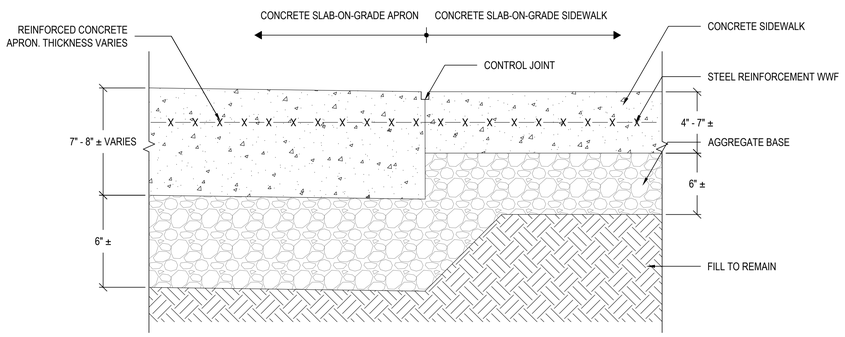
O:\656429\02 DESIGN\656429 A2X.DWG • 4/22/2024 3:48:06 PM • MLF >

EXISTING CONDITIONS

FRAMED VAULTED SIDEWALK



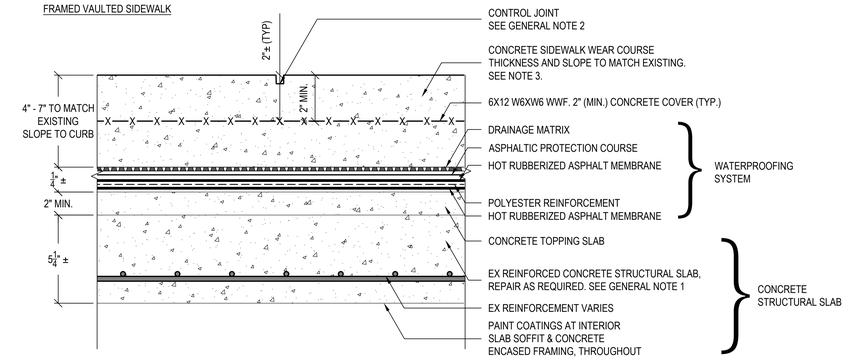
SLAB-ON-GRADE @ APRON



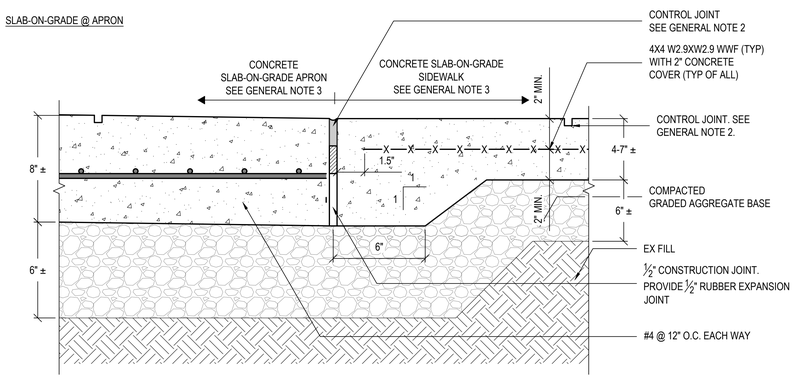
ALL ITEMS ARE TO BE REMOVED UNLESS DESIGNATED AS TO REMAIN

NEW CONSTRUCTION

FRAMED VAULTED SIDEWALK



SLAB-ON-GRADE @ APRON



ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

GENERAL NOTES

1. REFER TO DETAILS ON SHEET A512 FOR STRUCTURAL CONCRETE SLAB REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
2. PROVIDE CONTROL JOINTS IN NEW CONCRETE AT 36" O.C. EACH WAY TO MATCH EXISTING.
3. SLOPE WEAR COURSE TO MATCH EXISTING. (TYP)

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WASHINGTON, DC 20401

OWNER
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WASHINGTON, DC 20401

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1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE

0 3" 6" 9"

IF BORDER IS LESS THAN 9", 3" = 1" GRAPHIC SCALE

SHEET TITLE

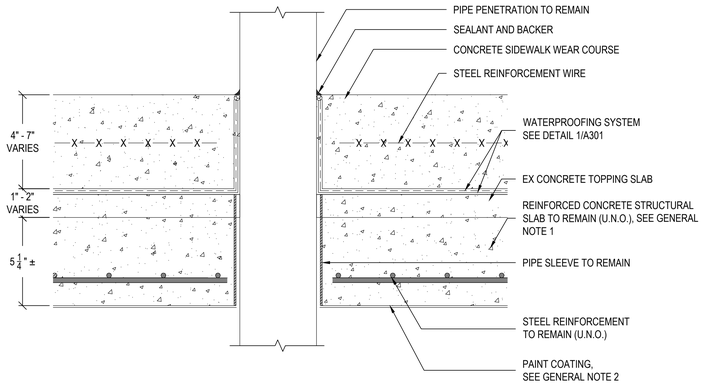
TYPICAL SIDEWALK DETAILS

DISTRICT OF COLUMBIA
DERRICK J. ZIGLER
No. PE40000738
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

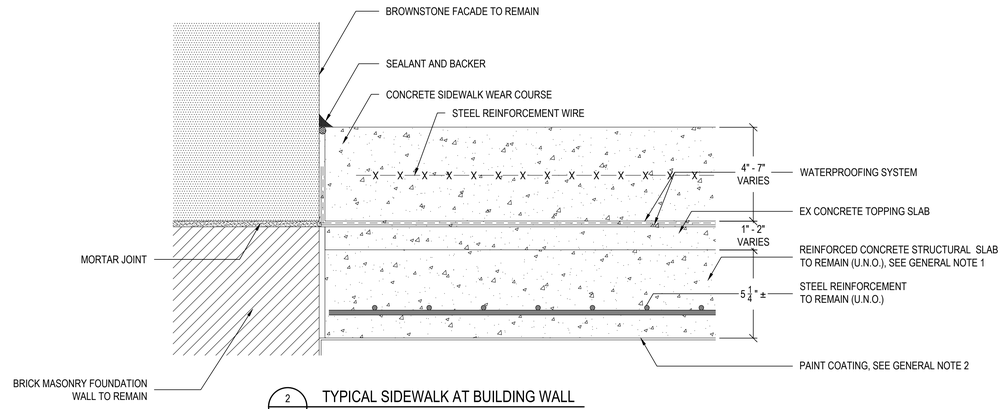
A-301

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:12 PM - < MLF >



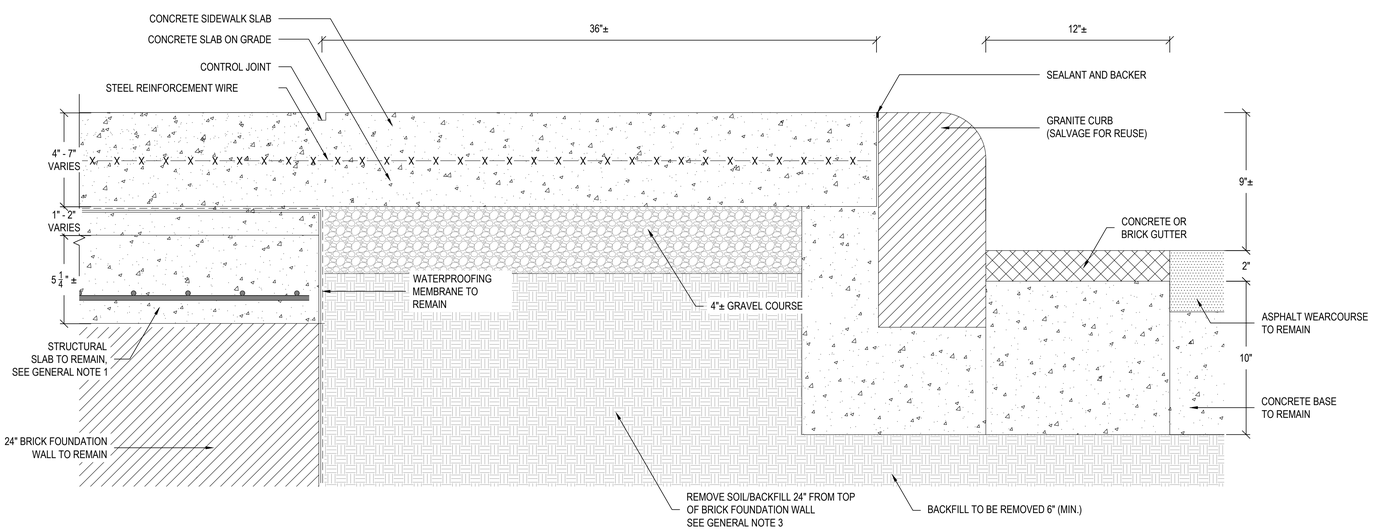
1 / A-501 TYPICAL SIDEWALK PIPE PENETRATION

SCALE: 3" = 1'-0"



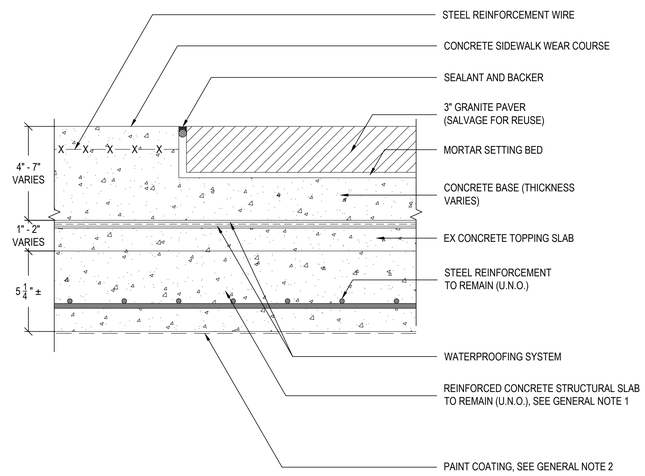
2 / A-501 TYPICAL SIDEWALK AT BUILDING WALL

SCALE: 3" = 1'-0"



3 / A-501 TYPICAL SIDEWALK AT FOUNDATION WALL AND GUTTER CURB

SCALE: 3" = 1'-0"



4 / A-501 DRIVEWAY TO SIDEWALK TRANSITION

SCALE: 3" = 1'-0"

GENERAL NOTES

1. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS.
2. REMOVE EXISTING PAINT COATINGS AND APPLY NEW PAINT COATINGS.
3. PROTECT EXISTING UTILITY LINES, LIGHT POLES, TRAFFIC LIGHT POLES AND STORM WATER INLETS TO REMAIN. SEE PLANS FOR LOCATIONS.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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PROJECT
G STREET SIDEWALK REPAIRS
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'-0"

GRAPHIC SCALE

0 3" 6" 9"

IF BORDER IS LESS THAN 9", 3/8" USE GRAPHIC SCALE

SHEET TITLE

TYPICAL
DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
JEREK J. ZUCK
No. PE40000728
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.

A-501

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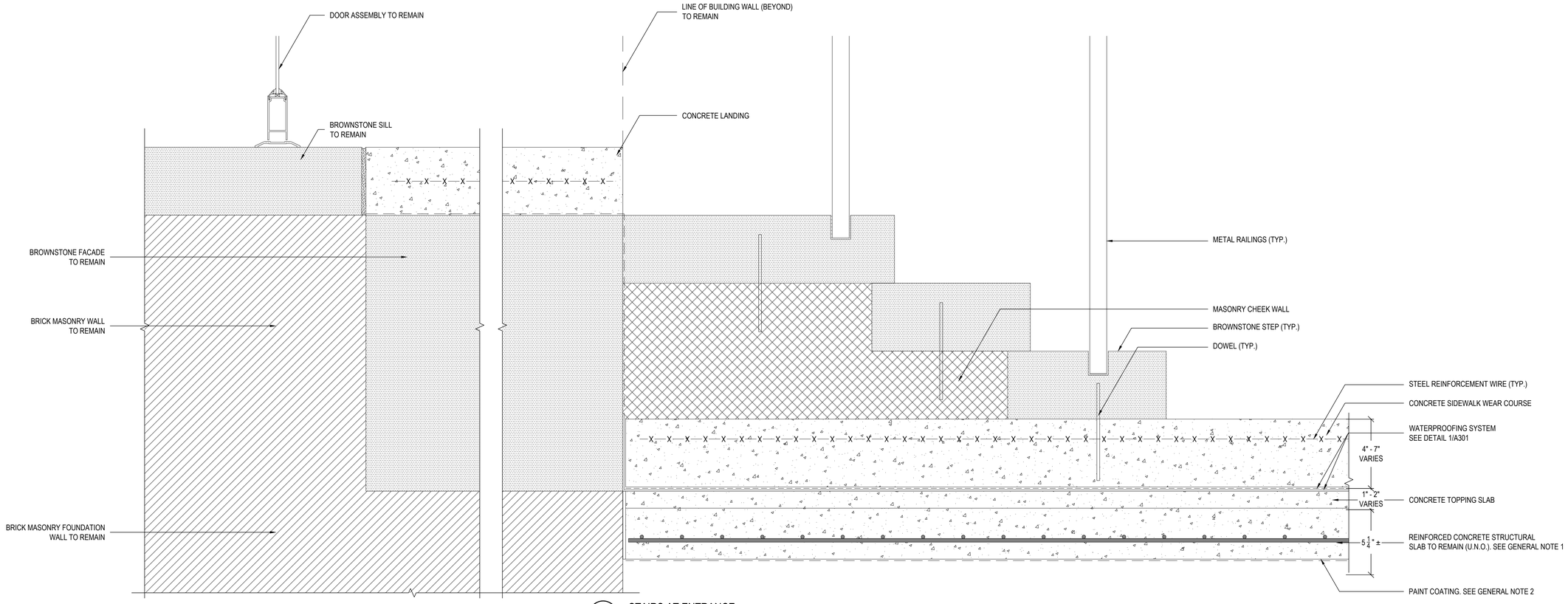
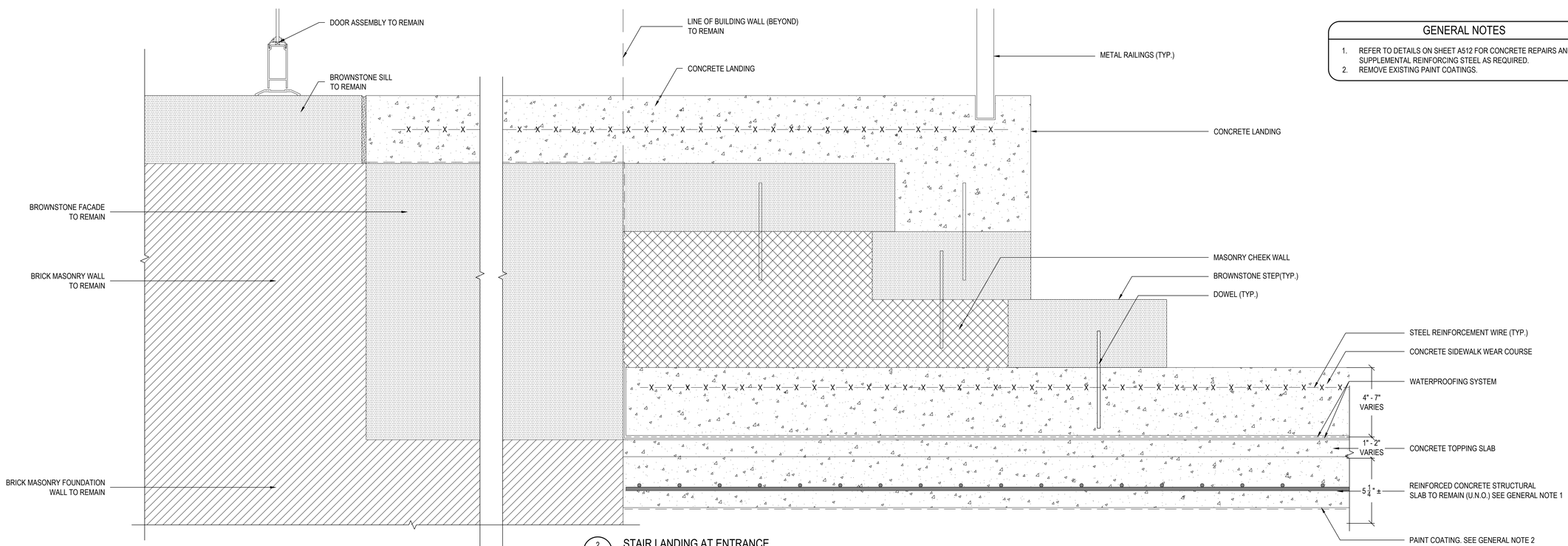


1 / A-502 STAIRS AT ENTRANCE

SCALE: 3" = 1'-0"



2 / A-502 STAIR LANDING AT ENTRANCE

SCALE: 3" = 1'-0"

GENERAL NOTES

1. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
2. REMOVE EXISTING PAINT COATINGS.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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PROJECT

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US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER

US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE

0 3" 6" 9"

IF BORDER IS LESS THAN 8" x 36" USE GRAPHIC SCALES

SHEET TITLE

DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
DERICK J. ZIEGLER
No. PE40000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-502

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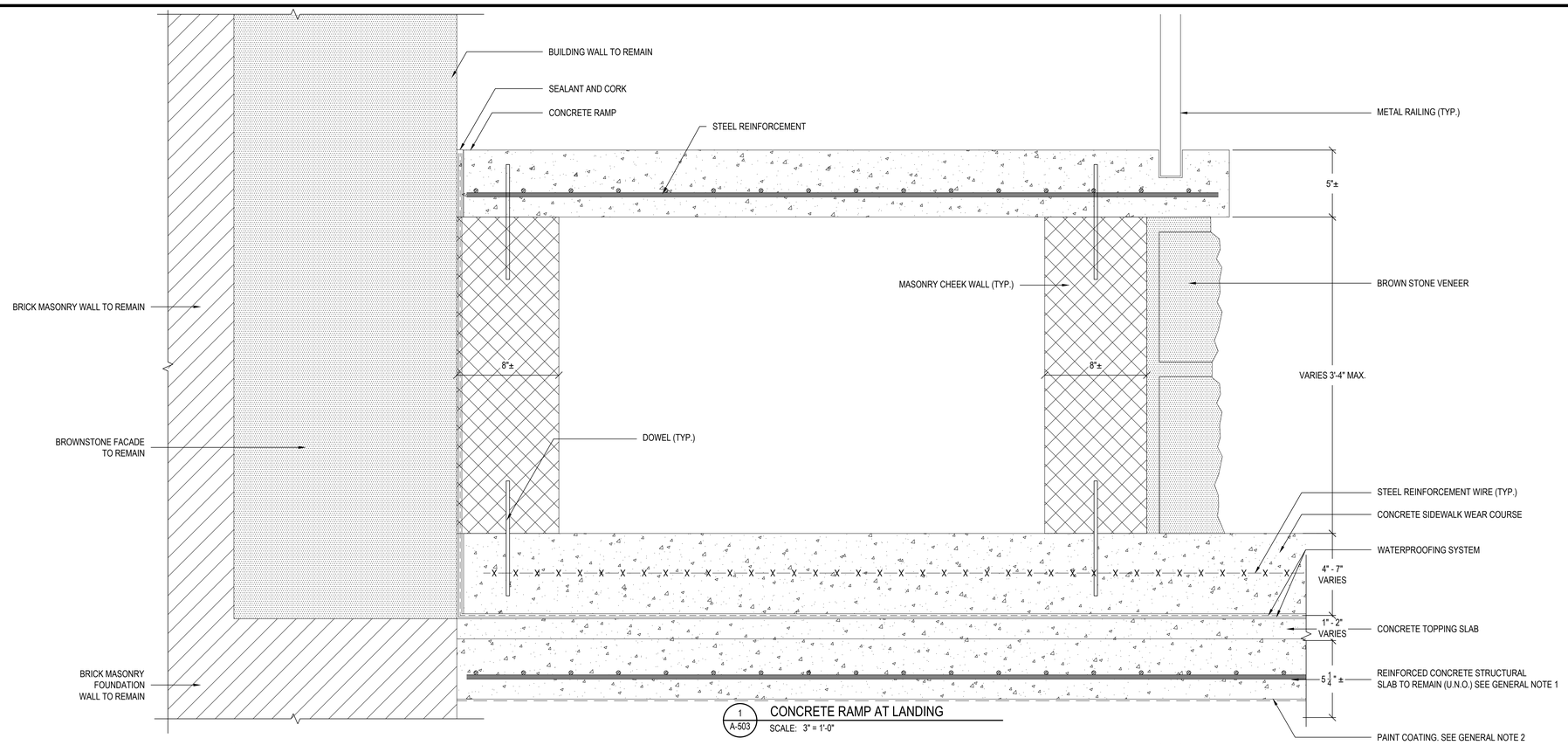
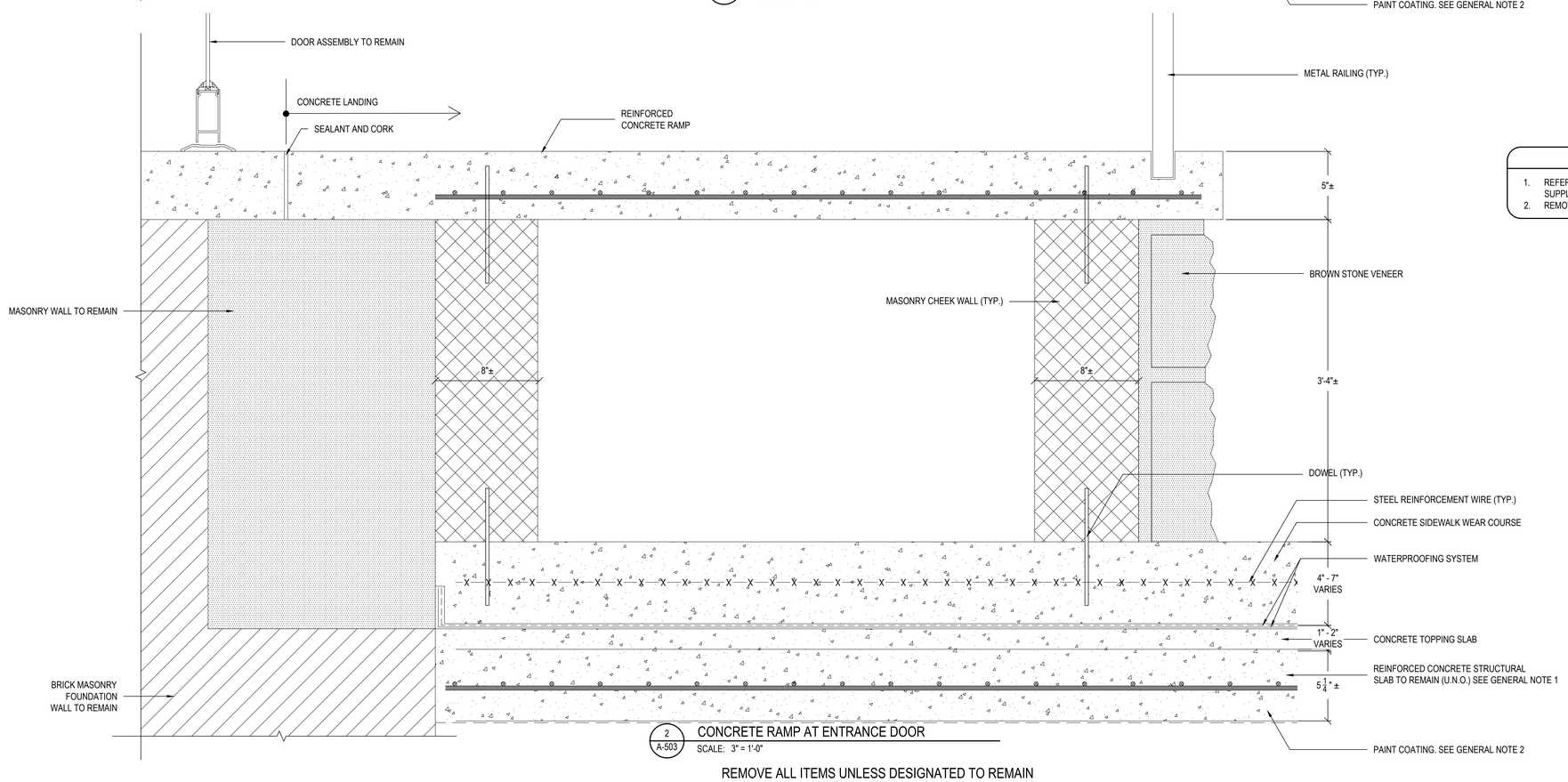


1 / A-503 CONCRETE RAMP AT LANDING
SCALE: 3" = 1'-0"



2 / A-503 CONCRETE RAMP AT ENTRANCE DOOR
SCALE: 3" = 1'-0"

GENERAL NOTES

1. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
2. REMOVE EXISTING PAINT COATINGS.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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Stafford, Virginia 22554
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PROJECT
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US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

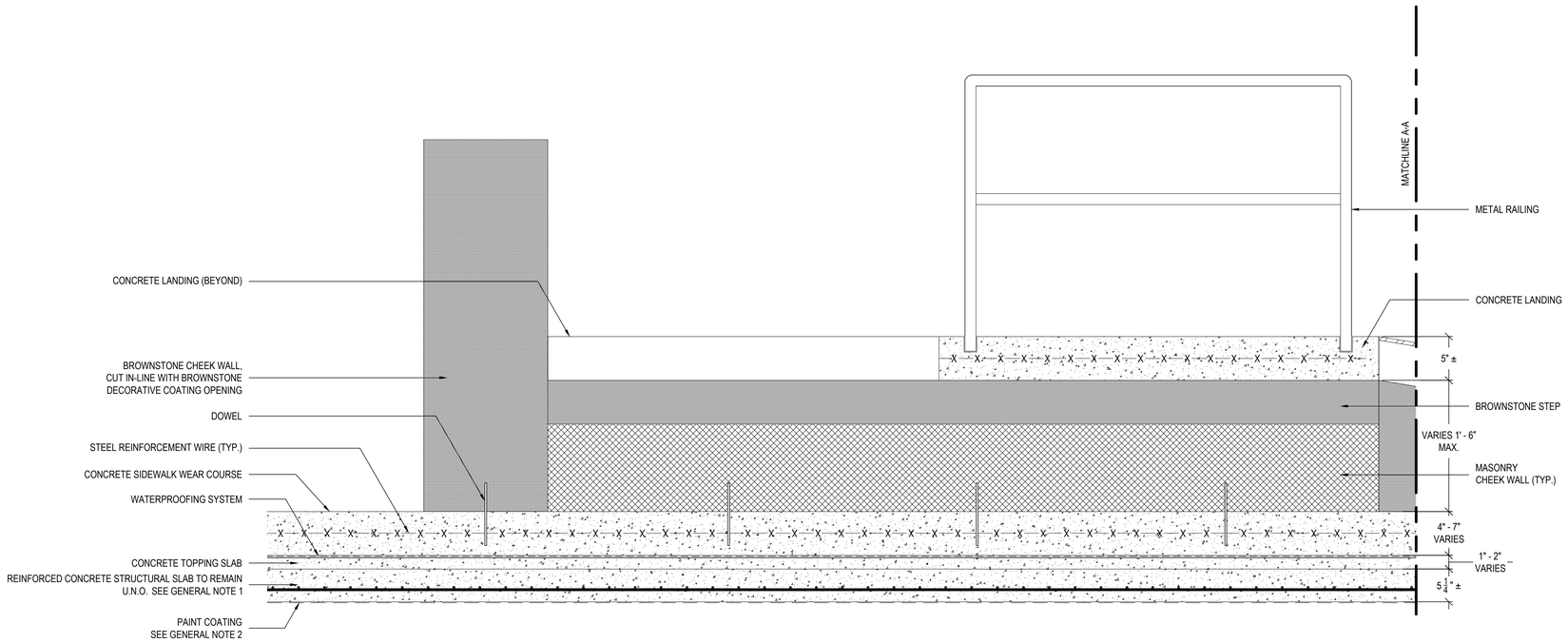
GRAPHIC SCALE
0 3" 6" 9"
IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALE

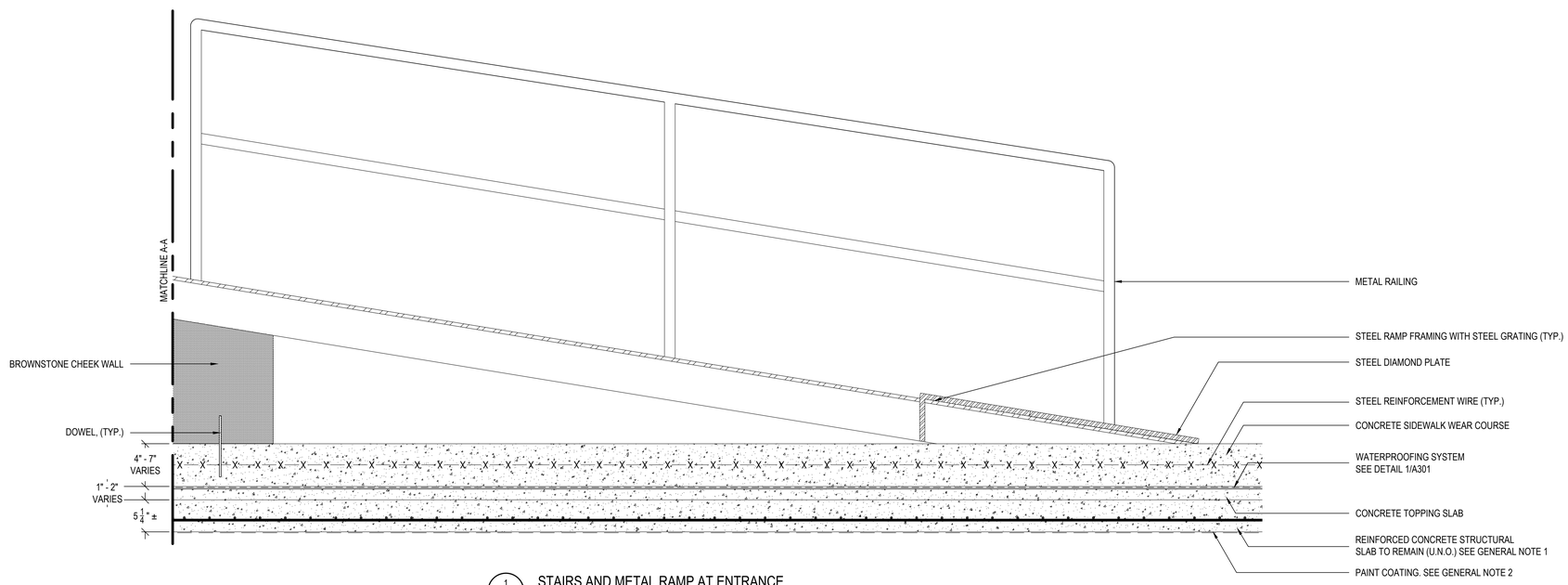
SHEET TITLE
DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
TUSKA J. ZIGIC
No. PE40000738
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
A-503

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:15 PM - < MLF >





1 / A-504 STAIRS AND METAL RAMP AT ENTRANCE

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

GENERAL NOTES

1. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
2. REMOVE EXISTING PAINT COATINGS.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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PROJECT

G STREET SIDEWALK REPAIRS
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER

US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	1-1/2" = 1'

GRAPHIC SCALE

0 1/2" 1" 1 1/2"

IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALE

SHEET TITLE

DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
DERIK J. ZUCK
No. PE040000728
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.

A-504

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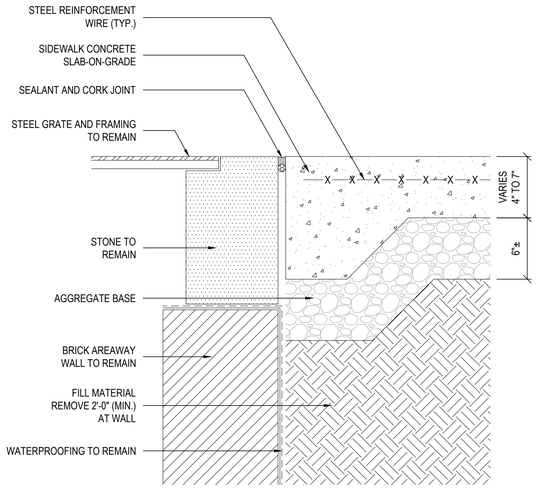
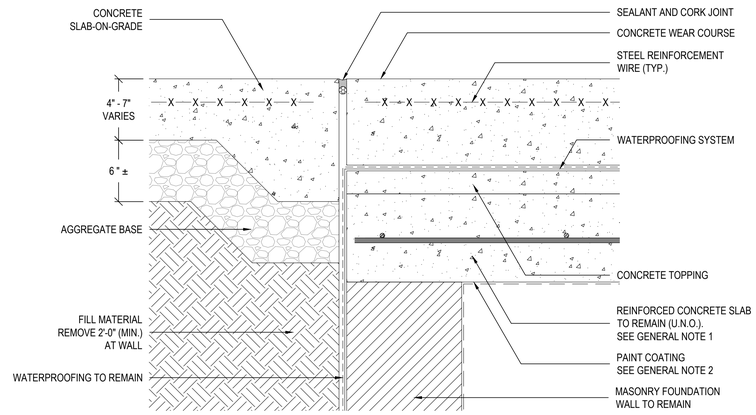
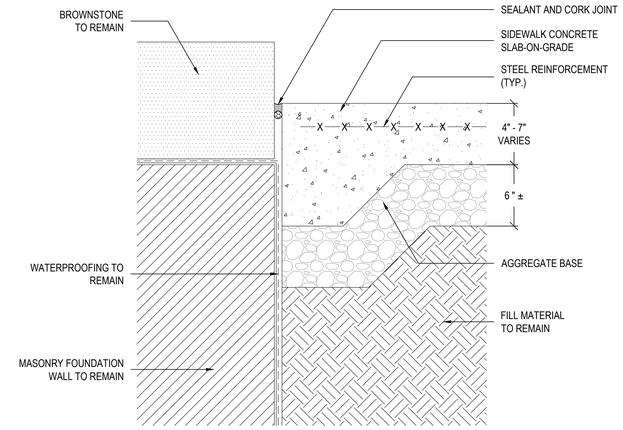


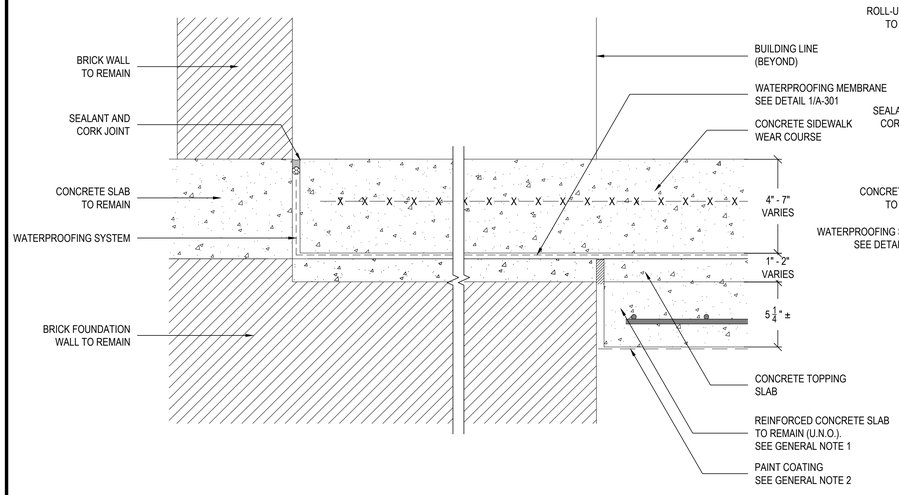
1 A-505 SIDEWALK AT AREAWAY
SCALE: 3" = 1'-0"



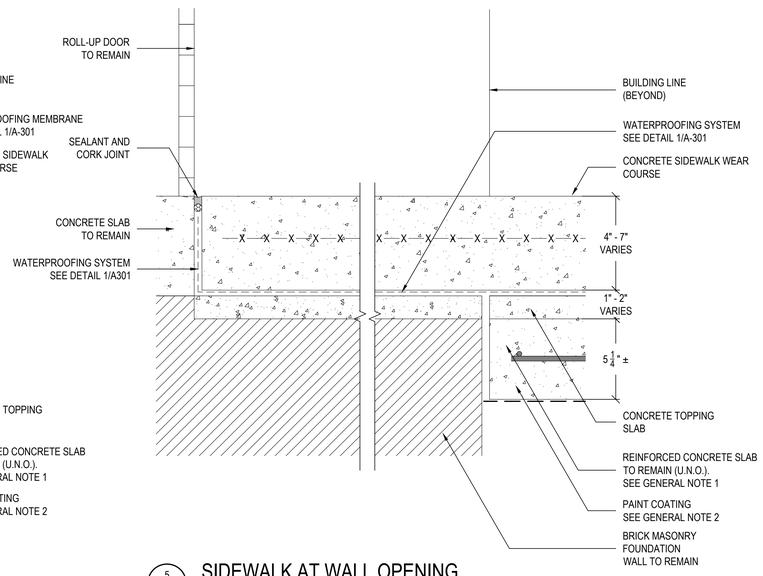
2 A-505 SIDEWALK TRANSITION
SCALE: 3" = 1'-0"



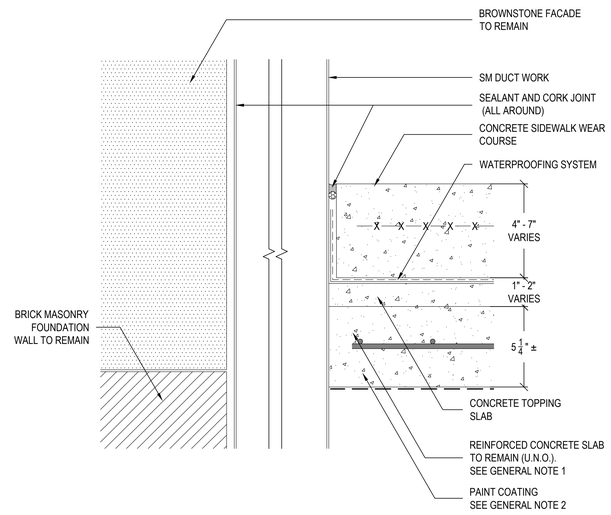
3 A-505 SIDEWALK AT BUILDING ENTRANCE
SCALE: 3" = 1'-0"



4 A-505 SIDEWALK AT MASONRY WALL
SCALE: 3" = 1'-0"



5 A-505 SIDEWALK AT WALL OPENING
SCALE: 3" = 1'-0"



6 A-505 DUCT PENETRATION
SCALE: 3" = 1'-0"

GENERAL NOTES

1. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
2. REMOVE EXISTING PAINT COATINGS.

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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PROJECT
G STREET SIDEWALK REPAIRS
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

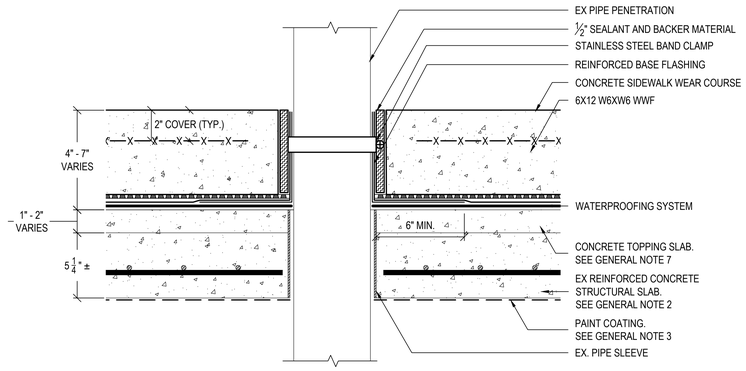
GRAPHIC SCALE
0 1/2" 1" 1 1/2"
IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALE

SHEET TITLE
DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
DERIK J. ZUCK
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

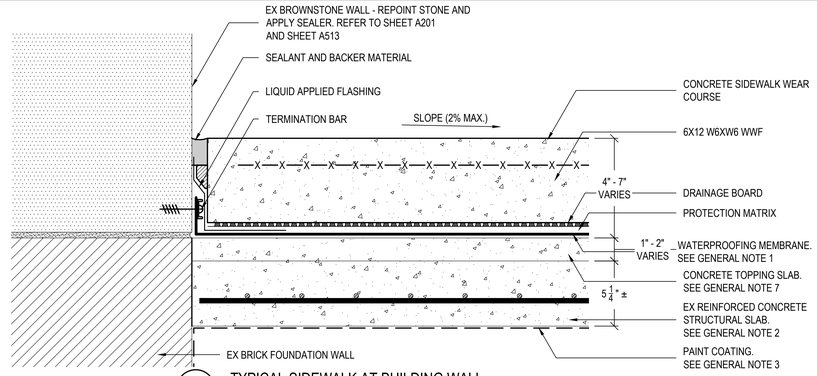
DRAWING NO.
A-505

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:17 PM - < MLF >



1 A-506 TYPICAL PIPE PENETRATION

SCALE: 3" = 1'-0"

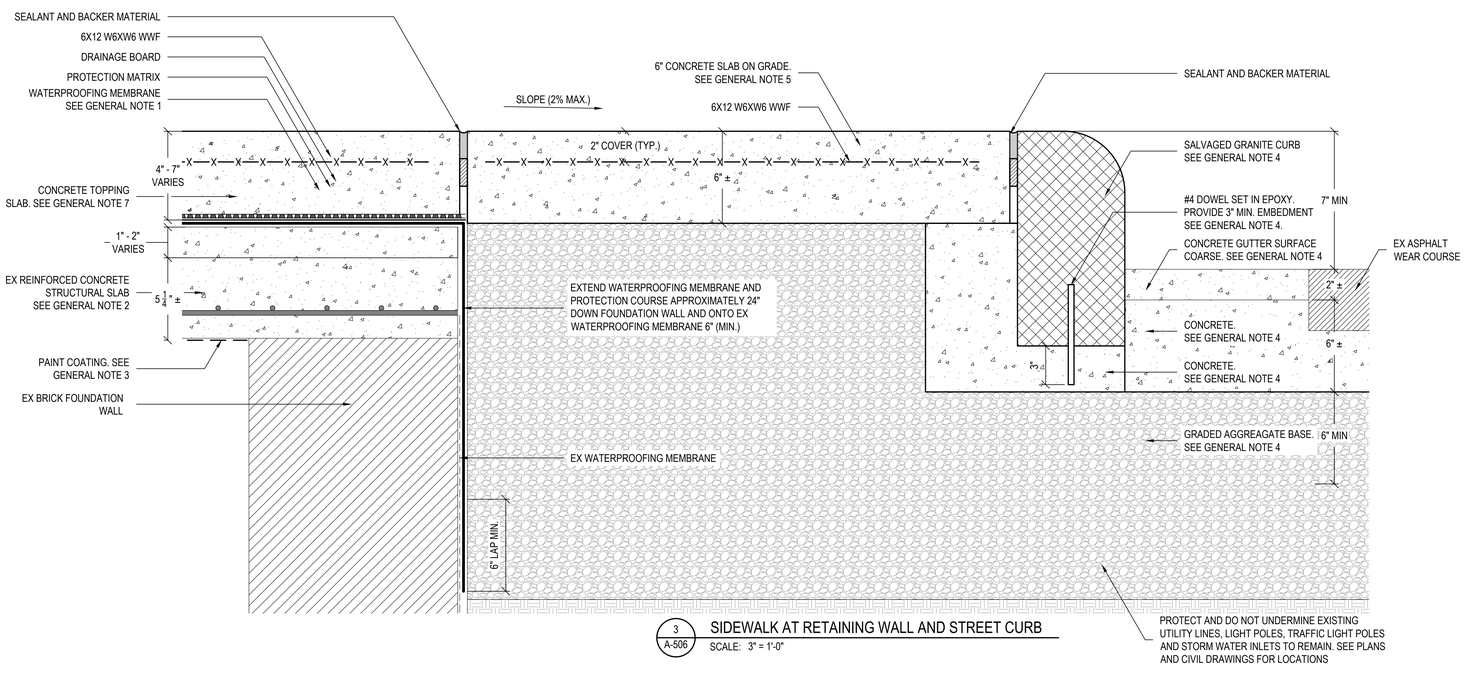


2 A-506 TYPICAL SIDEWALK AT BUILDING WALL

SCALE: 3" = 1'-0"

NOTES:

- IF PLANE OF WATERPROOFING DOES NOT ALIGN WITH EXISTING BROWNSTONE MASONRY JOINTS, PROVIDE ⅜" X 2" CONTINUOUS CUT REGLET TO RECEIVE WATERPROOFING.

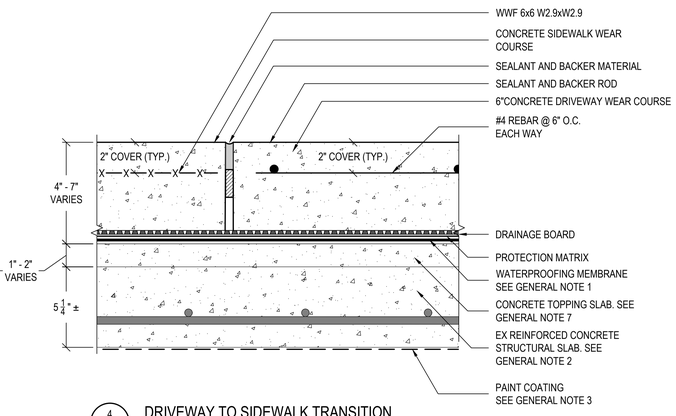


3 A-506 SIDEWALK AT RETAINING WALL AND STREET CURB

SCALE: 3" = 1'-0"

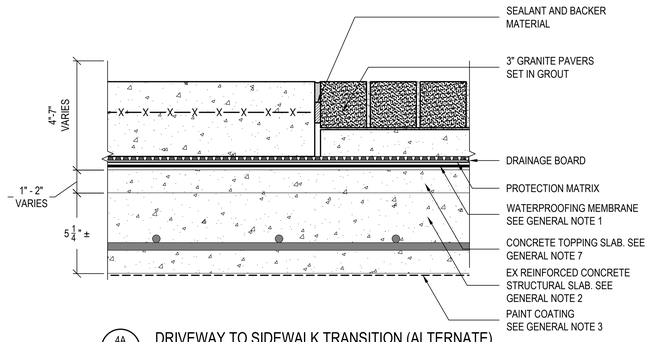
GENERAL NOTES

1. SEE A301 FOR NEW WATERPROOFING ASSEMBLY.
2. REPAIR STRUCTURAL SLAB WHERE INDICATED. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
3. PROVIDE PAINT COATINGS AT STRUCTURAL SLAB SOFFIT AND ENCASED STRUCTURAL FRAMING THROUGHOUT.
4. REFER TO CIVIL DRAWINGS FOR DDOT DETAILS.
5. PROVIDE CONTROL JOINTS AT 3'-0" O.C. EACH WAY AT CONCRETE WEAR COURSE.
6. PROVIDE POSITIVE SLOPE TO MATCH EXISTING AT WEAR COURSE TOWARDS STREET CURB.
7. PROVIDE NEW UNREINFORCED CONCRETE TOPPING SLAB FULLY BONDED TO EXISTING STRUCTURAL SLAB. PROVIDE POSITIVE SLOPE TO MATCH EXISTING.



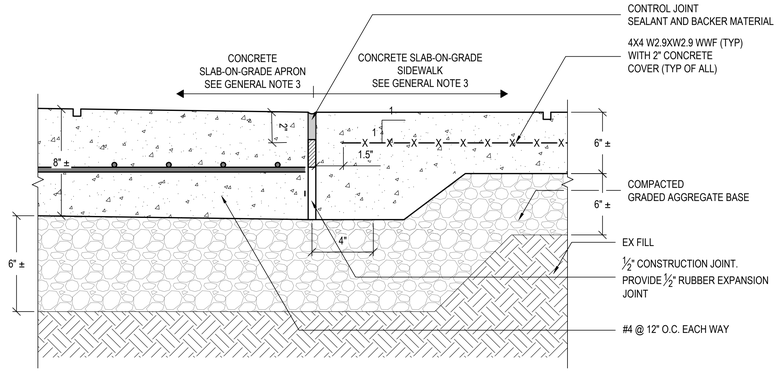
4 A-506 DRIVEWAY TO SIDEWALK TRANSITION

SCALE: 3" = 1'-0"



4A A-506 DRIVEWAY TO SIDEWALK TRANSITION (ALTERNATE)

SCALE: 3" = 1'-0"



5 A-506 SLAB-ON-GRADE @ APRON

SCALE: 3" = 1'-0"

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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Engineers Architects Planners

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Virginia New Hampshire Florida Maine

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FAX: (301) 258-7607

PROJECT

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US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER

US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	AS NOTED

GRAPHIC SCALE

IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALES

SHEET TITLE

DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
SERGIO A. DUCASE
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-506

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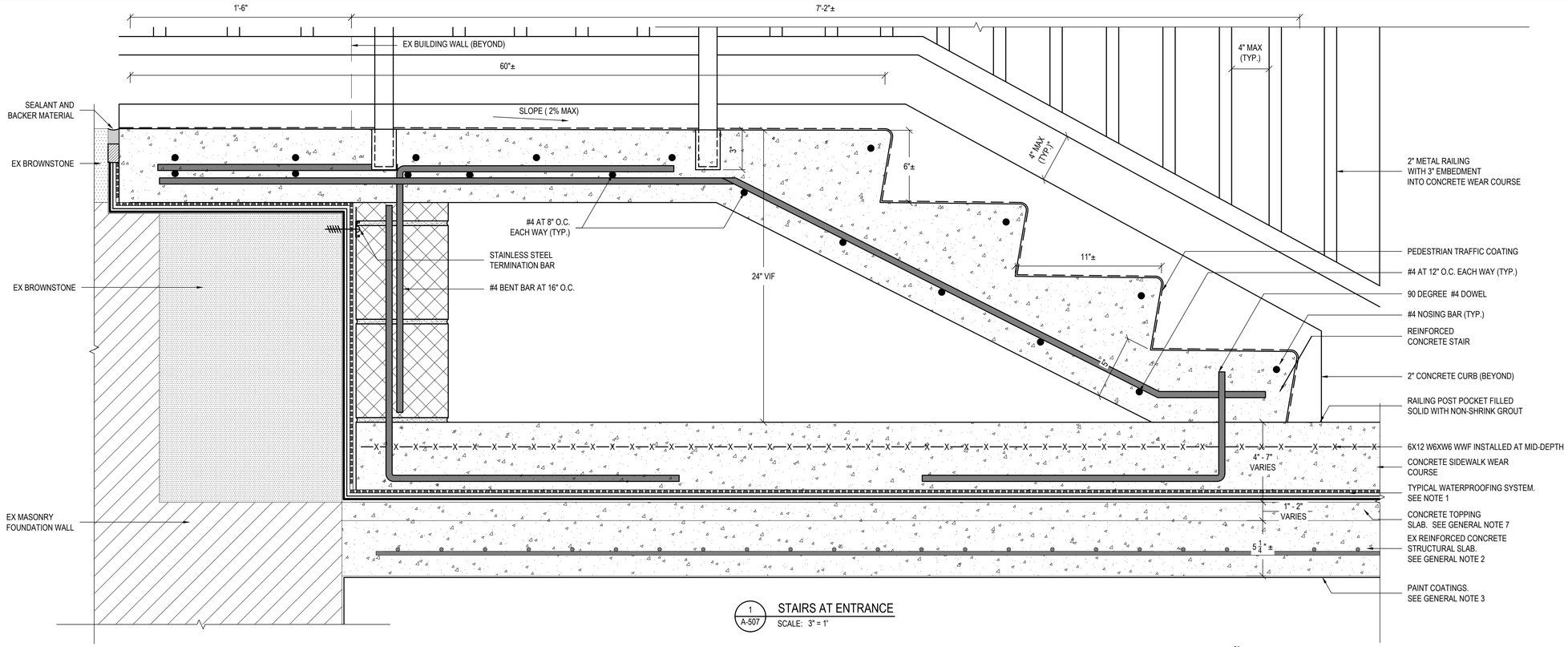
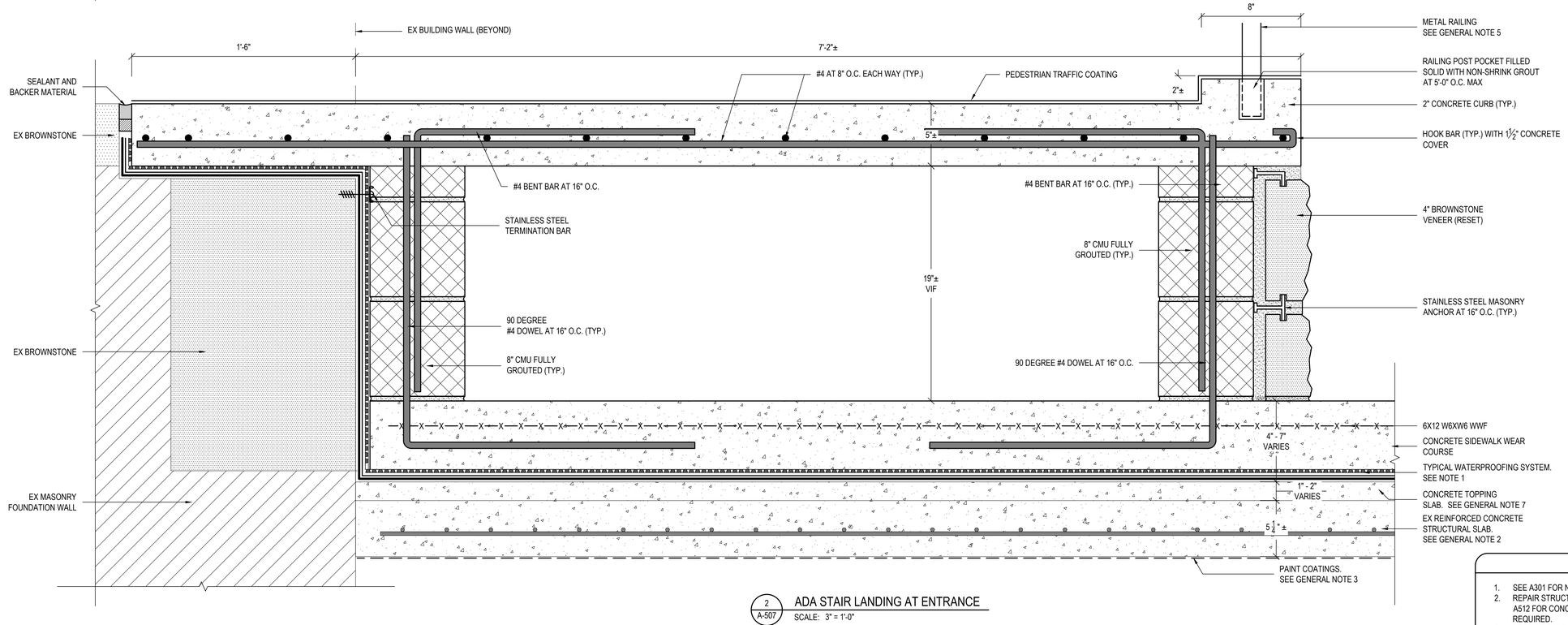


1 / A-507 STAIRS AT ENTRANCE
SCALE: 3" = 1'



2 / A-507 ADA STAIR LANDING AT ENTRANCE
SCALE: 3" = 1'-0"

GENERAL NOTES

1. SEE A301 FOR NEW WATERPROOFING ASSEMBLY.
2. REPAIR STRUCTURAL SLAB WHERE INDICATED. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
3. PROVIDE PAINT COATINGS AT STRUCTURAL SLAB SOFFIT AND ENCASED STRUCTURAL FRAMING THROUGHOUT.
4. REFER TO CIVIL DRAWINGS FOR DDOT DETAILS.
5. PROVIDE CONTROL JOINTS AT 3'-0" O.C. EACH WAY AT CONCRETE WEAR COURSE.
6. PROVIDE POSITIVE SLOPE TO MATCH EXISTING AT WEAR COURSE TOWARDS STREET CURB.
7. PROVIDE NEW UNREINFORCED CONCRETE TOPPING SLAB FULLY BONDED TO EXISTING STRUCTURAL SLAB. PROVIDE POSITIVE SLOPE TO MATCH EXISTING.

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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Massachusetts Maryland Connecticut Virginia New Hampshire Florida Maine

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PROJECT
G STREET SIDEWALK REPAIRS
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE

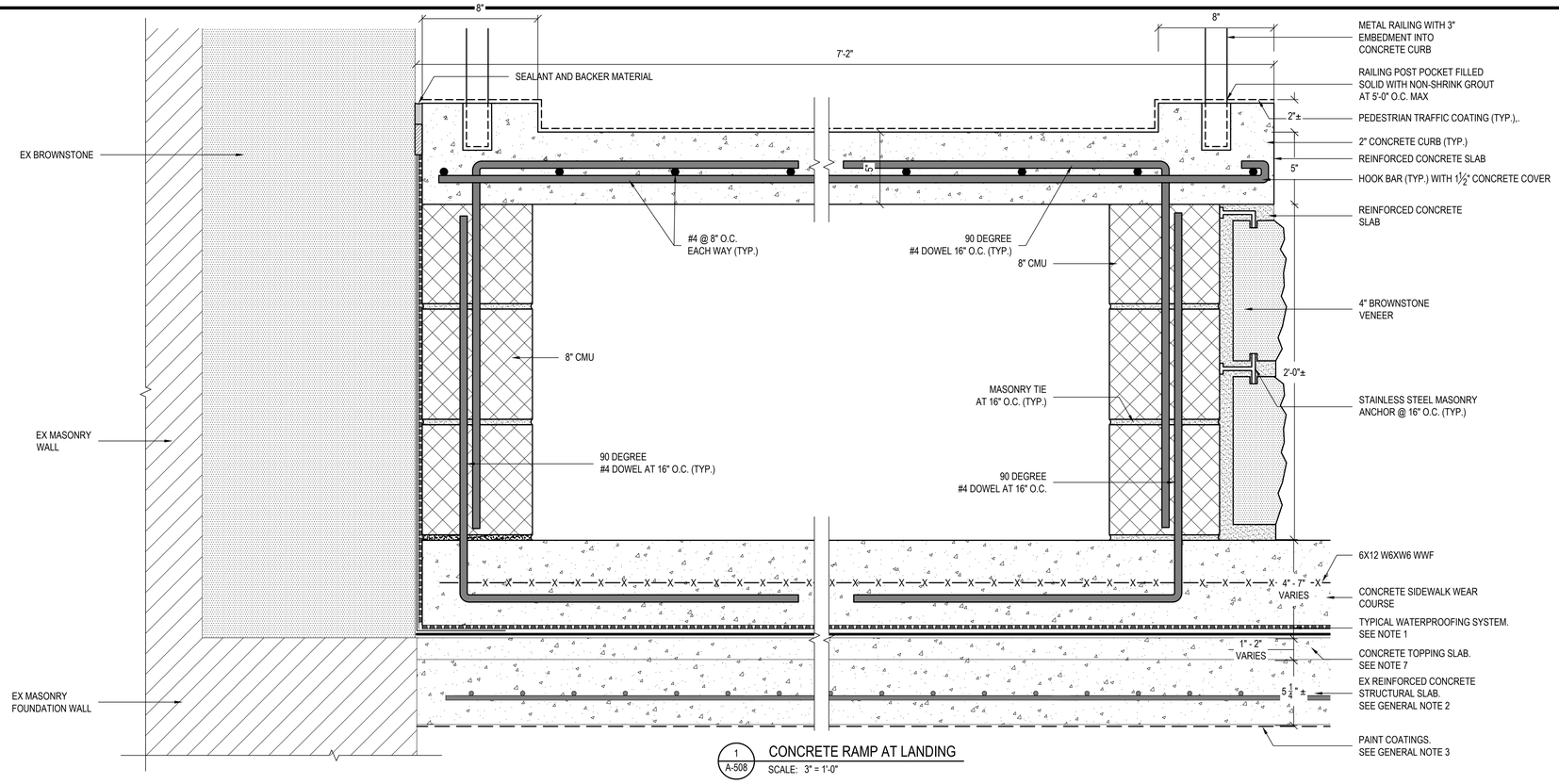
SHEET TITLE

DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
DERICK J. ZICKEFOOSE
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

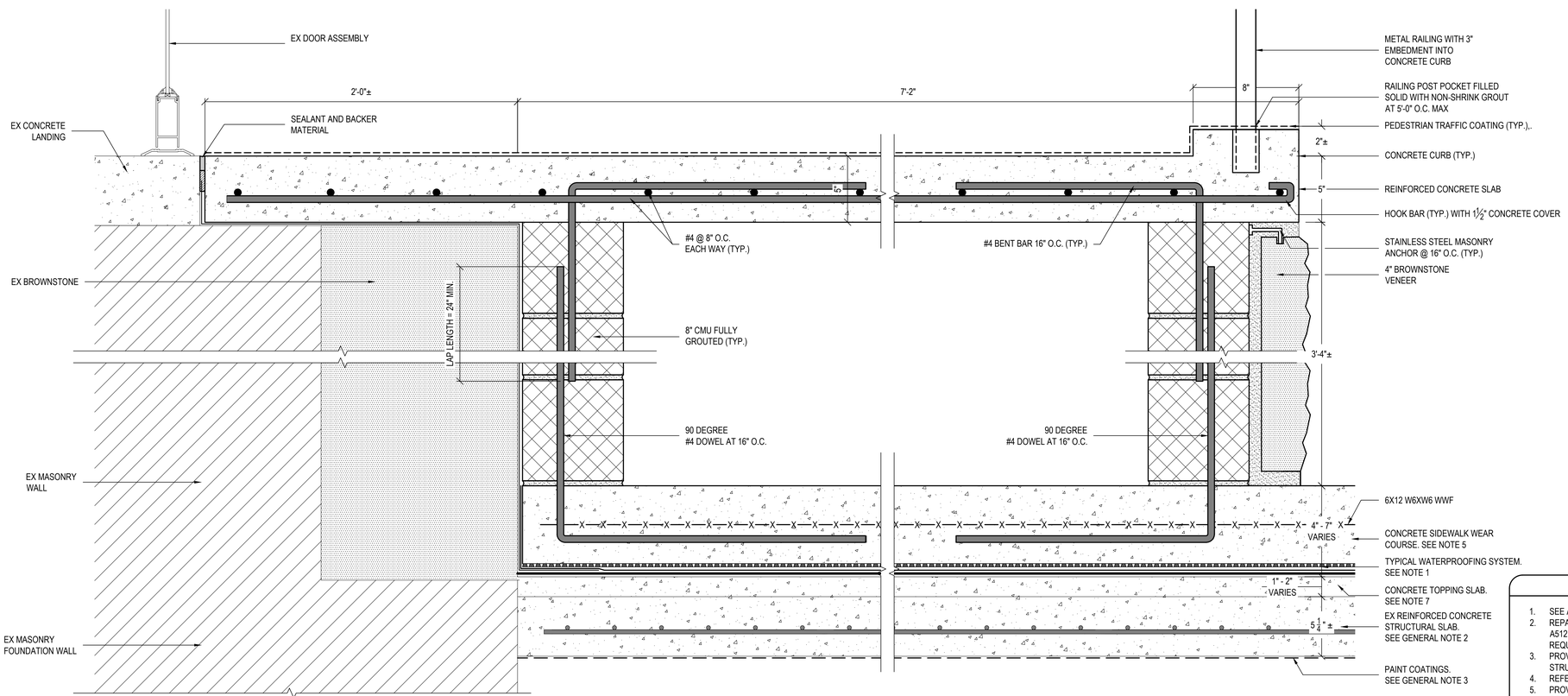
DRAWING NO.
A-507

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:19 PM - < MLF >



1 / A-508 CONCRETE RAMP AT LANDING

SCALE: 3" = 1'-0"



2 / A-508 CONCRETE RAMP AT ENTRANCE DOOR

SCALE: 3" = 1'-0"

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

GENERAL NOTES

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7. PROVIDE NEW UNREINFORCED CONCRETE TOPPING SLAB FULLY BONDED TO EXISTING STRUCTURAL SLAB. PROVIDE POSITIVE SLOPE TO MATCH EXISTING.

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1	7/8/2019	75% SUBMISSION	

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CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE

0 3" 6" 9" 12"

IF BORDER IS LESS THAN 24", 18" USE GRAPHIC SCALE

SHEET TITLE

DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
DERICK J. ZIEGLER
No. PE40000728
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-508

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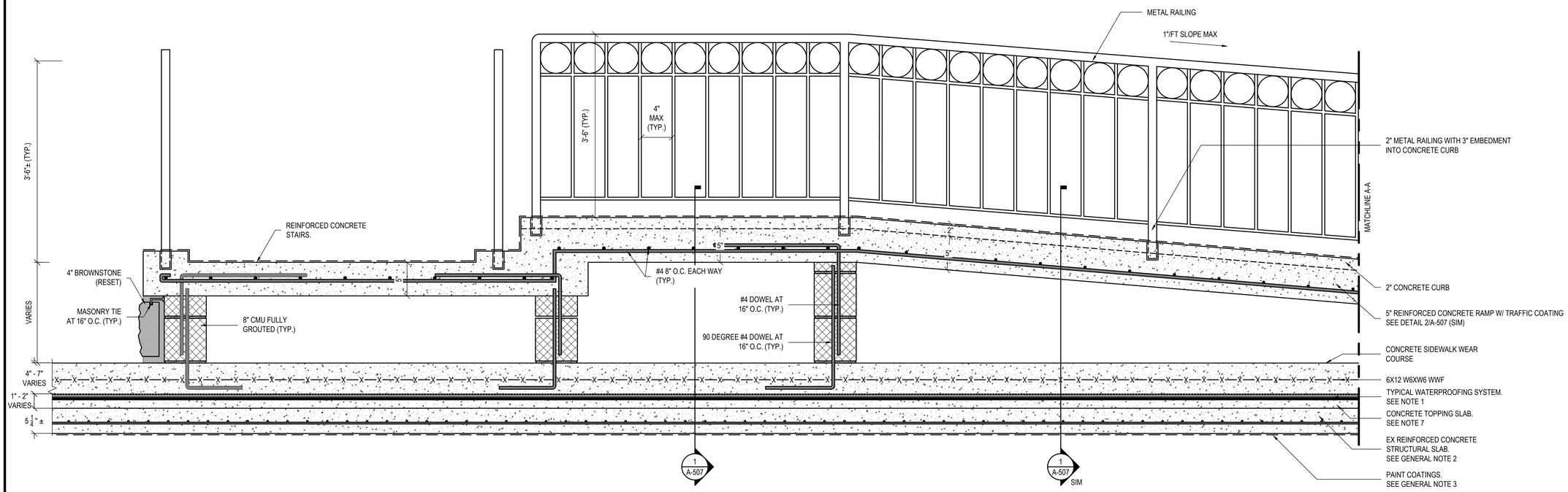

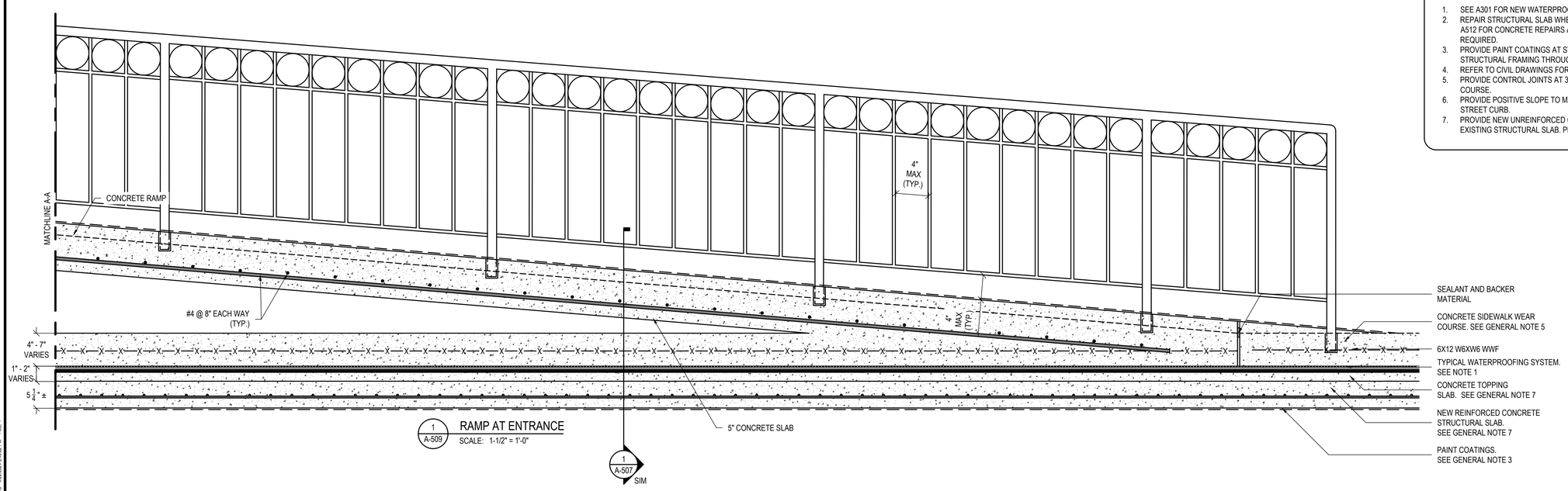

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PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	1-1/2" = 1'

GRAPHIC SCALE

0 1/2" 1" 1 1/2"

IF BORDER IS LESS THAN 8" x 36" USE GRAPHIC SCALES

SHEET TITLE

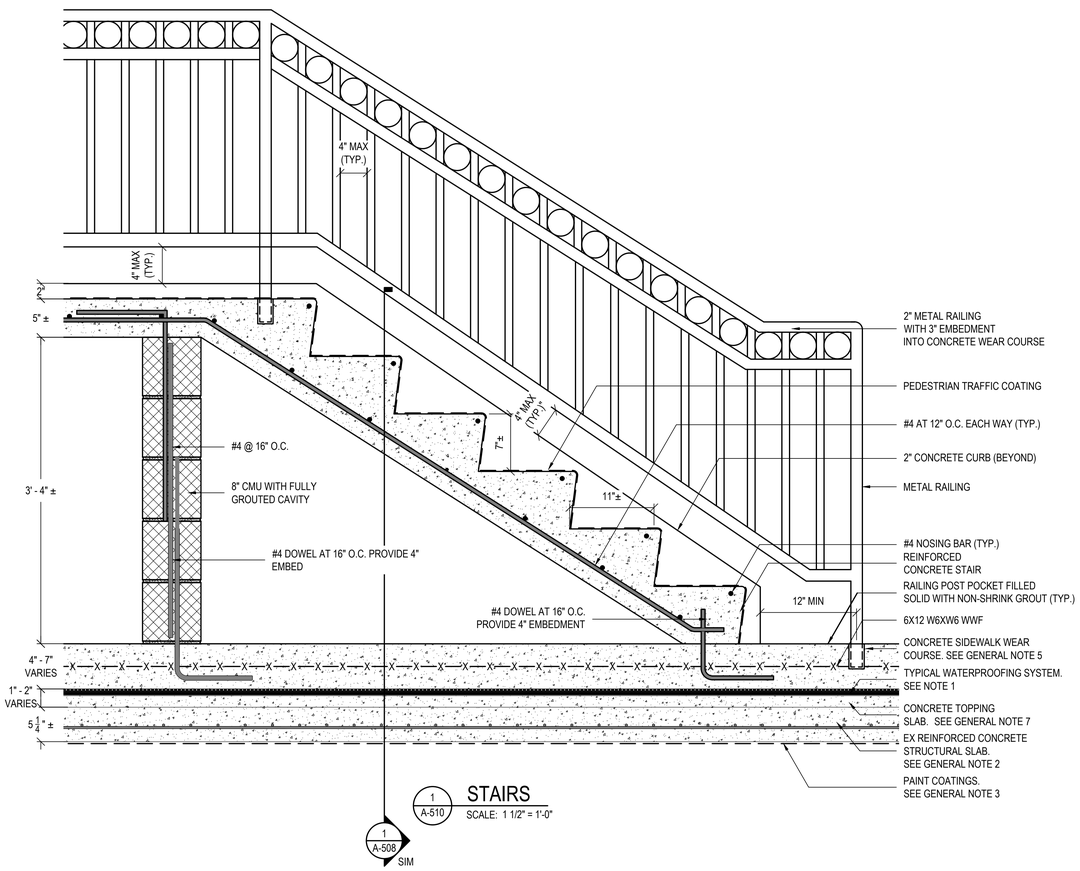
DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
DERICK J. ZICK
No. PE40000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-509

O:\656429\02 DESIGN\656429 A5X.DWG • 4/22/2024 3:46:32 PM • <MLF>



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1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	1-1/2" = 1'

GRAPHIC SCALE

0 1/2" 1" 1 1/2"

IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALE

SHEET TITLE

DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
DERIK J. ZUCK
No. PE40000728
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.

A-510

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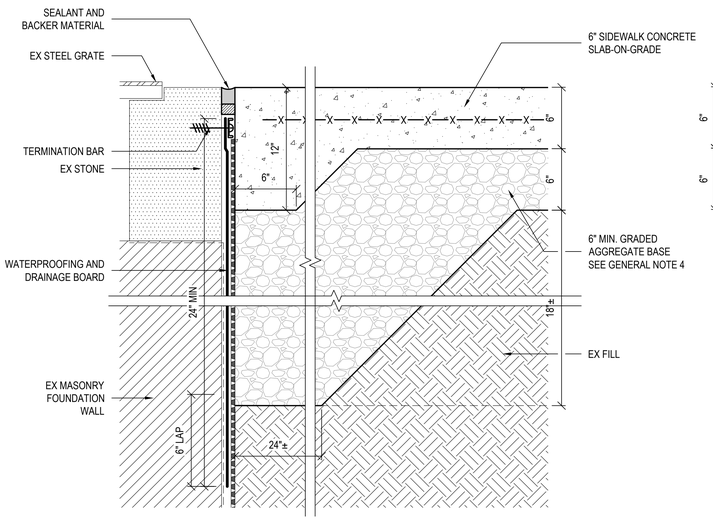
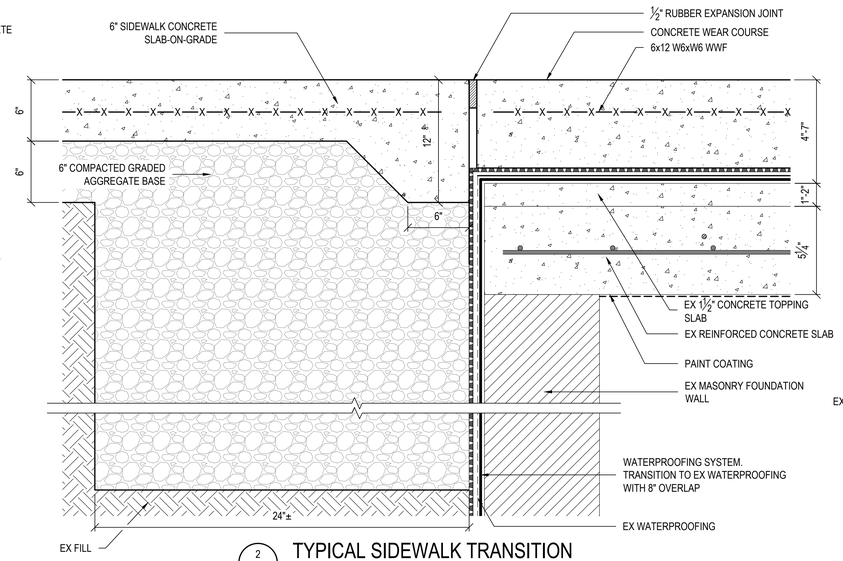
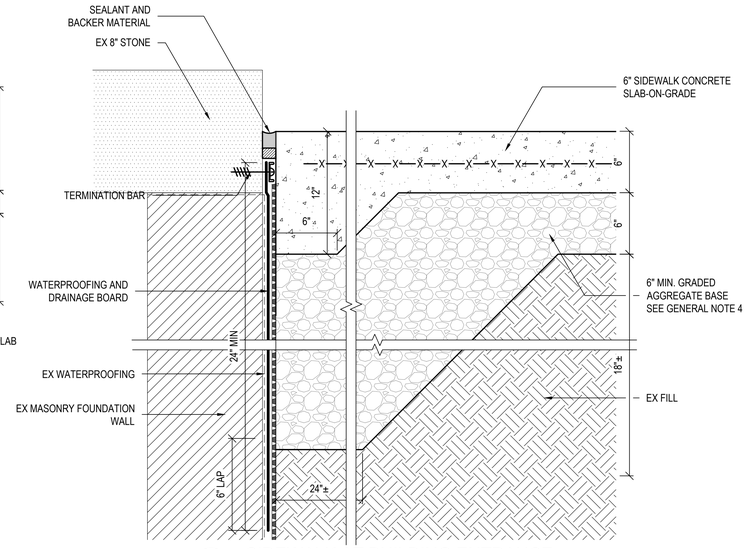


1 A-511 SIDEWALK AT AREAWAY
SCALE: 3" = 1'-0"



2 A-511 TYPICAL SIDEWALK TRANSITION
SCALE: 3" = 1'-0"



3 A-511 SIDEWALK AT BUILDING ENTRANCE
SCALE: 3" = 1'-0"

GENERAL NOTES

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2. REPAIR STRUCTURAL SLAB WHERE INDICATED. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
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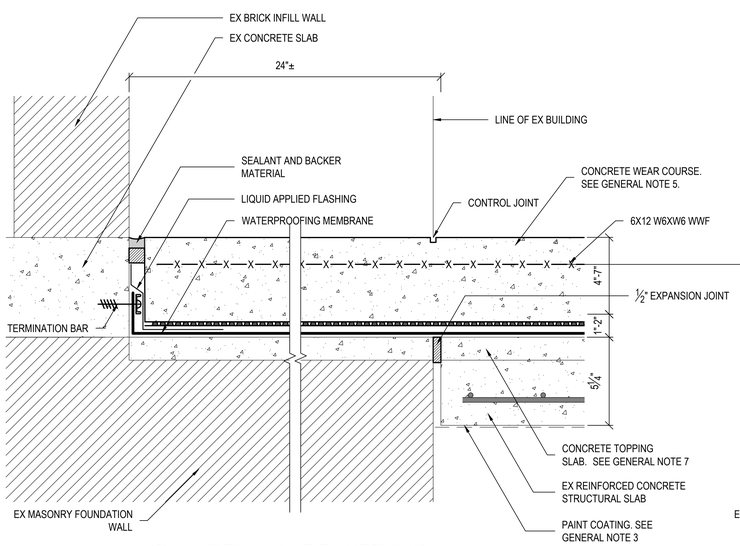
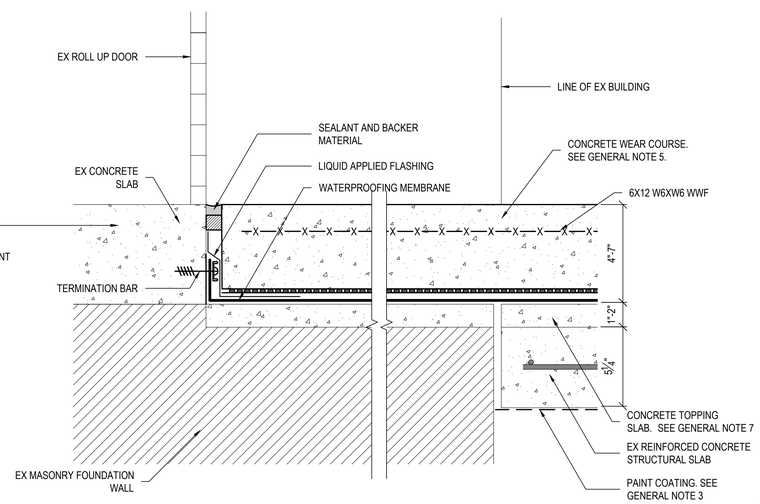
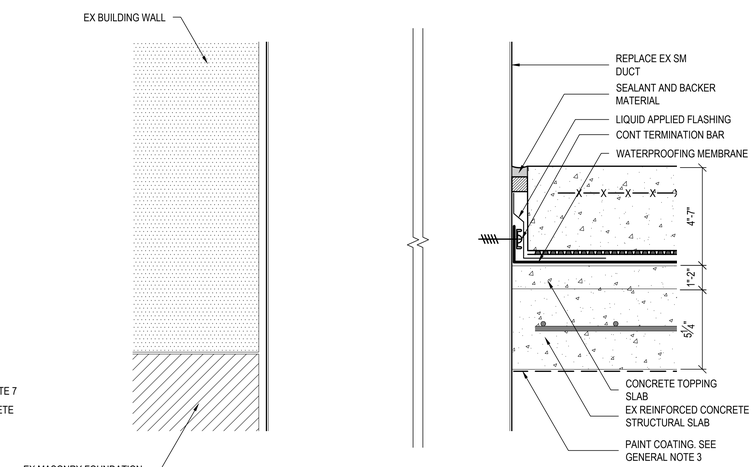


4 A-511 SIDEWALK AT EX OPENING
SCALE: 3" = 1'-0"



5 A-511 SIDEWALK AT EX OPENING
SCALE: 3" = 1'-0"



6 A-511 DUCT PENETRATION
SCALE: 3" = 1'-0"

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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OWNER
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3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE
0 1 1/2" 3" 1 1/2"
IF BORDER IS LESS THAN 24" x 36" USE GRAPHIC SCALES

SHEET TITLE
DETAILS
NEW
CONSTRUCTION

DISTRICT OF COLUMBIA
SERGIO J. ZUCCA
LICENSED PROFESSIONAL ENGINEER
No. PE40000718

DRAWING NO.
A-511

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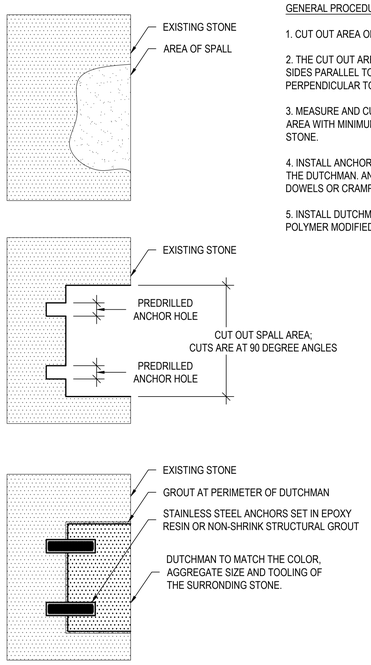


GENERAL PROCEDURES FOR DUTCHMAN STONE REPAIR

1. CUT OUT AREA OF SPALL TO CLEAN, SOUND SUBSTRATE.

2. THE CUT OUT AREA SHOULD BE RECTILINEAR; WITH THE SIDES PARALLEL TO THE EDGES OF THE STONE BLOCK AND PERPENDICULAR TO STONE SURFACE.

3. MEASURE AND CUT NEW STONE TO MATCH THE REPAIR AREA WITH MINIMUM SIZED JOINTS AROUND THE NEW STONE.

4. INSTALL ANCHORS AS REQUIRED DEPENDING ON SIZE OF THE DUTCHMAN. ANCHORS SHALL BE STAINLESS STEEL DOWELS OR CRAMPS AND SHALL BE SET IN EPOXY RESIN.

5. INSTALL DUTCHMAN; ADHERE WITH EPOXY RESIN OR POLYMER MODIFIED CEMENT GROUT.

1A / A-512 TYPICAL STONE SPALL REPAIRS

SCALE: 3" = 1'

GENERAL PROCEDURES FOR SHALLOW STONE SPALL REPAIR

1. CUT OUT AREA OF SPALL TO CLEAN, SOUND SUBSTRATE. FOR A SPALL WITH A DEPTH OF LESS THAN TWO (2) INCHES, MECHANICAL ANCHORS MAY NOT BE REQUIRED. THE CUT OUT AREA SHOULD BE RECTILINEAR; WITH THE SIDES PARALLEL TO THE EDGES OF THE STONE BLOCK AND PERPENDICULAR TO STONE SURFACE.

2. SLIGHTLY UNDERCUT THE SIDES TO CREATE A DOVETAIL.

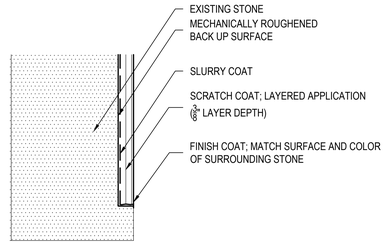
3. PREPARE ENTIRE STONE SUBSTRATE TO A MECHANICALLY ROUGHENED SURFACE EQUIVALENT TO ICRI-CSP 8 OR 9.

4. APPLY SLURRY COAT TO ENTIRE SURFACE OF THE SUBSTRATE TO RECEIVE PATCH. SUBSTRATE SHOULD BE SATURATED, SURFACE DRY.

5. INSTALL SCRATCH COATS OF COMPOSITE PATCH MATERIAL IN LAYERS UNTIL THE PATCH IS BUILT UP TO JUST BELOW THE SURFACE OF THE SURROUNDING STONE. REFER TO MANUFACTURERS INSTRUCTIONS FOR APPLICATION THICKNESSES AND CURING TIMES. SURFACE OF EACH OF THE LAYERS SHOULD BE SCRATCHED AND WETTED TO ENSURE PROPER MECHANICAL AND CHEMICAL BONDING; RESPECTFULLY.

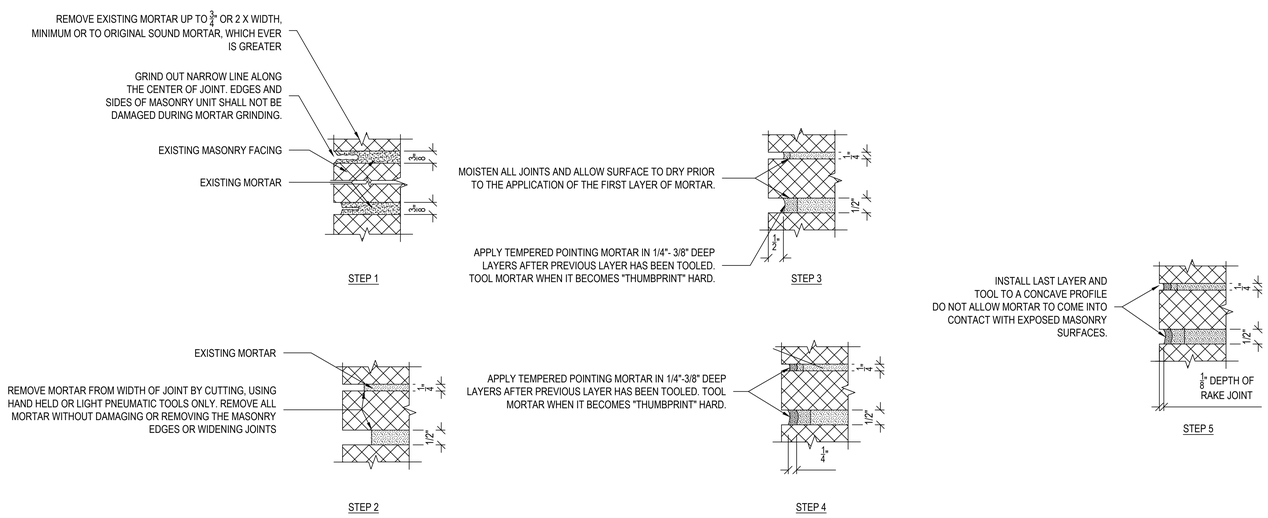
6. APPLY FINISH COAT TO MATCH TEXTURE, COLOR, AND TOOLING OF THE SURROUNDING STONE. PATCH SHOULD WEATHER IN SAME MANNER AS ORIGINAL STONE.

7. CURE PATCH AS RECOMMENDED BY MANUFACTURER.



1B / A-512 TYPICAL STONE SPALL REPAIRS

SCALE: 3" = 1'



2 / A-512 TYPICAL MASONRY MORTAR JOINT POINTING PROCEDURE

SCALE: NOT TO SCALE

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE

0 3" 6" 9"

IF BORDER IS LESS THAN 8" x 36" USE GRAPHIC SCALES

SHEET TITLE

TYPICAL STONE AND MORTAR JOINT REPAIR DETAILS

DISTRICT OF COLUMBIA
SERGIO J. DUCK
No. PE40000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-512

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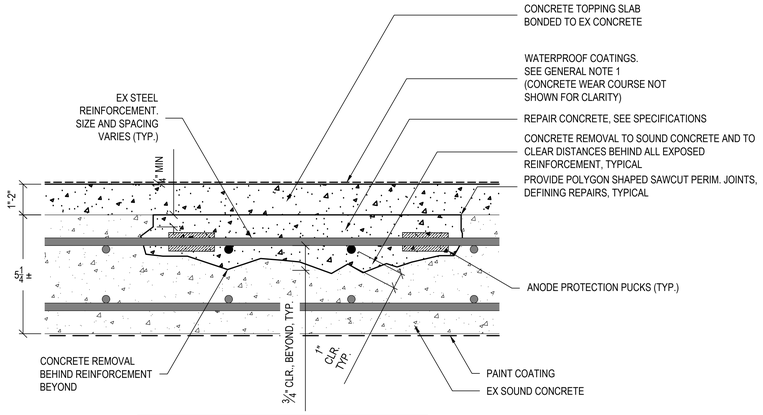
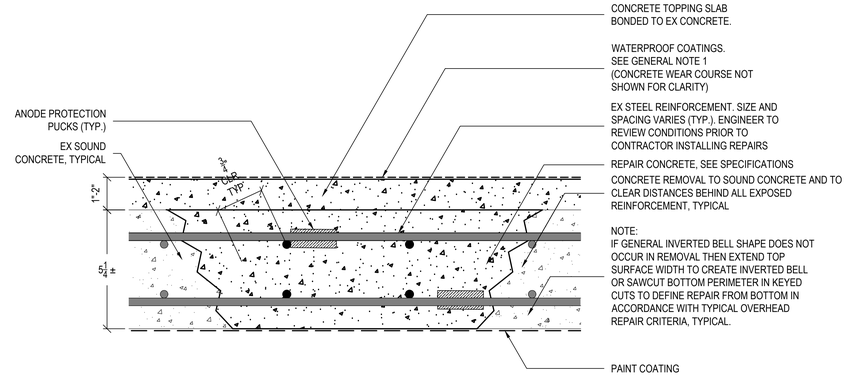


NOTES:
- PROVIDE SHORING AS REQUIRED. SEE G002
- PROVIDE NEW SUPPLEMENTAL STEEL REINFORCEMENT AS REQUIRED AS DIRECTED BY ENGINEER.
- REFER TO SHEET A-301 FOR WATERPROOFING AND CONCRETE WEAR COURSE DETAILS.

1 S-501 PARTIAL DEPTH TOP SURFACE REPAIR

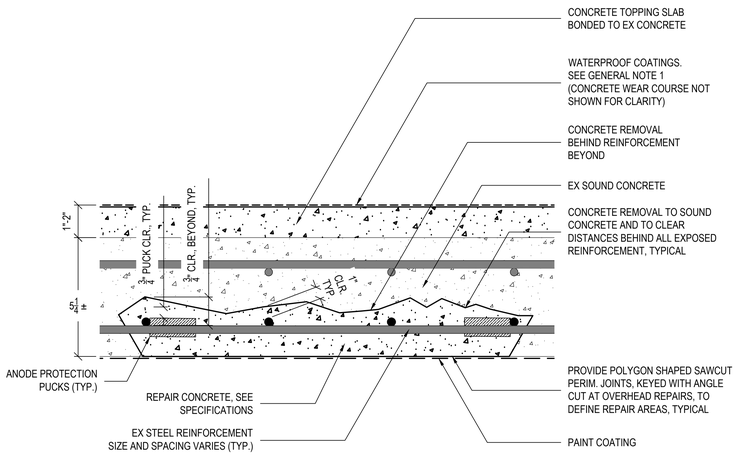
SCALE: 3" = 1'



NOTES:
- PROVIDE SHORING AS REQUIRED. SEE G002
- PROVIDE NEW SUPPLEMENTAL STEEL REINFORCEMENT AS REQUIRED AS DIRECTED BY ENGINEER.
- REFER TO SHEET A-301 FOR WATERPROOFING AND CONCRETE WEAR COURSE DETAILS.

2 S-501 FULL DEPTH REPAIR

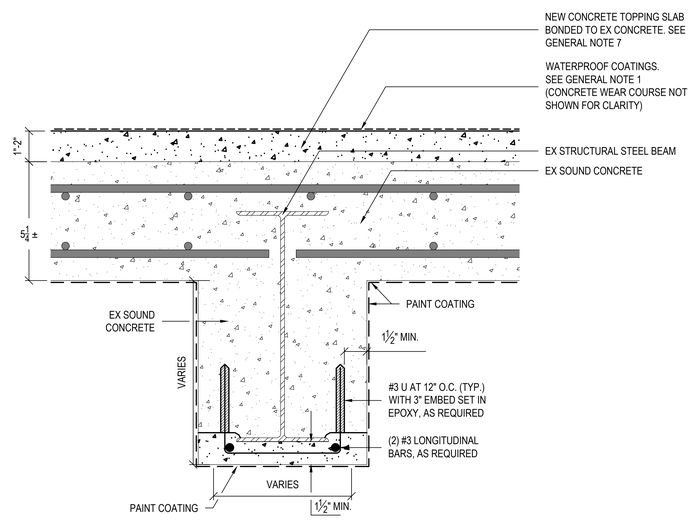
SCALE: 3" = 1'



NOTES:
- PROVIDE SHORING AS REQUIRED.
- PROVIDE NEW SUPPLEMENTAL STEEL REINFORCEMENT AS REQUIRED AS DIRECTED BY ENGINEER.
- REFER TO SHEET A-301 FOR WATERPROOFING AND CONCRETE WEAR COURSE DETAILS.

3 S-501 PARTIAL DEPTH OVERHEAD REPAIR

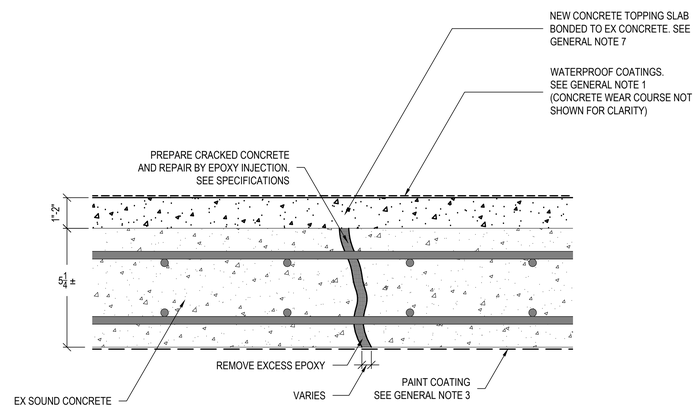
SCALE: 3" = 1'



NOTES:
- PROVIDE SHORING AS REQUIRED.
- PROVIDE NEW SUPPLEMENTAL STEEL REINFORCEMENT AS REQUIRED AS DIRECTED BY ENGINEER.
- REFER TO SHEET A-301 FOR WATERPROOFING AND CONCRETE WEAR COURSE DETAILS.
- EX STRUCTURAL STEEL BEAM VARIES.
  - W15 X 42 (TYPICAL EAST-WEST)
  - W10 X 25 (TYPICAL NORTH-SOUTH)
- CLEAN AND COAT EXPOSED STRUCTURAL STEEL WITH CORROSION RESISTANT PAINT PRIOR TO INSTALLING CONCRETE REPAIR

4 S-501 STRUCTURAL FRAMING OVERHEAD/VERTICAL REPAIR

SCALE: 3" = 1'



5 S-501 STRUCTURAL CRACK REPAIR

SCALE: 3" = 1'

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

GALE
Gale Associates, Inc.
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PROJECT
G STREET SIDEWALK REPAIRS
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

OWNER
US GOVERNMENT PUBLISHING OFFICE
732 NORTH CAPITOL STREET, NW
WASHINGTON, DC 20401

NO.	DATE	DESCRIPTION	BY
3	4/22/2024	100% RESUBMISSION	MLF
2	9/4/2019	100% SUBMISSION	MLF
1	7/8/2019	75% SUBMISSION	

PROJECT NO.	656429
CADD FILE	656429 A5x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	3" = 1'

GRAPHIC SCALE

IF BORDER IS LESS THAN 6F • 3F USE GRAPHIC SCALES

SHEET TITLE

TYPICAL DETAILS
STRUCTURAL
CONCRETE SLAB
REPAIRS

DISTRICT OF COLUMBIA DERECK J. ZIEGLER LICENSED PROFESSIONAL ENGINEER No. PE40000728

DRAWING NO.

S-501

O:\656429\02 RESIGN\656429 A5X.DWG • 4/22/2024 3:48:26 PM • MLF >

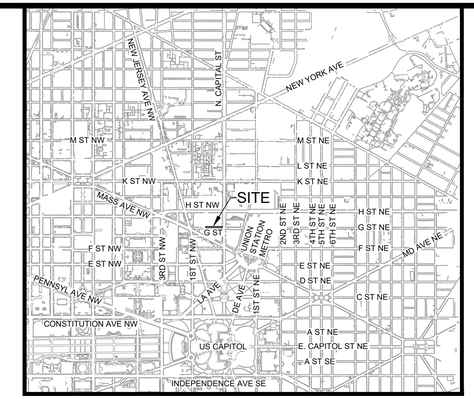
45 "G" STREET, N.W.

SIDEWALK REPLACEMENT

NORTH SIDE OF "G" STREET, N.W.

EXISTING LEGEND

- SANITARY SEWER (8"S, FLOW ARROW, MANHOLE)
- WATER (12"W, METER, VALVE, HYDRANT)
- STORM DRAIN (INLET, FLOW ARROW, MANHOLE)
- PROPERTY LINE
- BUILDING
- CURB
- SIDEWALK
- BELOW GRADE BUILDING LINE
- SIDEWALK REMOVAL
- NATURAL GAS (VALVE)
- UNDERGROUND ELECTRIC (MANHOLE)
- OVERHEAD ELECTRIC LINE UTILITY POLE
- UNDERGROUND TELEPHONE
- LIGHT POLE
- TREE
- TRAFFIC MH
- PARKING METER



VICINITY MAP
SCALE 1"=2000'

GENERAL CONSTRUCTION NOTES

1. CONTACT: NOTIFY THE FOLLOWING DC WATER DEPARTMENTS PRIOR TO THE COMMENCEMENT OF UTILITY CONSTRUCTION:

A. CONSTRUCTION INSPECTION SECTION AT 202-787-4024 AT LEAST TWO WEEKS PRIOR TO THE COMMENCEMENT OF UTILITY CONSTRUCTION TO SCHEDULE PRE-CONSTRUCTION MEETING.
B. DEPARTMENT OF WATER SERVICES AT 202-612-3400 AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF WATER UTILITY CONSTRUCTION.
C. DEPARTMENT OF SEWER SERVICES AT 202-264-3862 OR 3873 AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF SEWER UTILITY CONSTRUCTION.

2. STANDARDS: ALL CONSTRUCTION, MATERIALS, AND APPURTENANCES SHALL COMPLY WITH THE LATEST EDITIONS OF THE DC WATER PROJECT DESIGN MANUAL, STANDARD DETAILS & DESIGN GUIDELINES, AND SPECIFICATIONS.

3. LEAD SERVICE REPLACEMENT: IF THIS PROJECT INCLUDES THE REPLACEMENT OF A WATER MAIN THAT HAS EXISTING LEAD WATER SERVICE LATERALS, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE DC WATER CONSTRUCTION INSPECTION SECTION AT 202-787-4024 AT LEAST 90 DAYS PRIOR TO CONSTRUCTION TO ALLOW ADEQUATE TIME TO INITIATE STANDARD LEAD SERVICE REPLACEMENT PROTOCOL. LATERAL REPLACEMENT INCLUDES THE FULL LENGTH OF PIPE IN PUBLIC SPACE.

4. OWNER RESPONSIBILITY: THE OWNER IS RESPONSIBLE FOR ALL WORK AND COSTS ASSOCIATED WITH EXCAVATION, INSTALLATION, AND RESTORATION OF PUBLIC SPACE TO PERFORM A WATER/SEWER CONNECTION/ABANDONMENT. ONCE THE CONTRACTOR HAS OBTAINED A PUBLIC SPACE PERMIT HE/SHE MUST THEN CONTACT DC WATER PRIOR TO PERFORMING THE EXCAVATION TO INSTALL/INSPECT THE UTILITY WORK. THE OWNER SHALL BE HELD RESPONSIBLE FOR ALL DAMAGES TO EXISTING STRUCTURES AND UTILITIES CAUSED BY CONSTRUCTION ACTIVITY.

5. DC WATER RESPONSIBILITY: DC WATER IS ONLY RESPONSIBLE FOR INSTALLATION OF SMALL WATER SERVICE TAPS (2" DIAMETER AND LESS) TO THE PUBLIC MAIN, SMALL WATER SERVICE TAP REMOVALS FROM THE PUBLIC MAIN, FURNISHING & INSTALLING THE METER IN PUBLIC SPACE, AND INSPECTION OF WORK PERFORMED ON THE PUBLIC SYSTEMS.

6. MISS UTILITY: CONTACT MISS UTILITY AT 800-257-7777 48 HOURS BEFORE ANY DIGGING.

7. PLAN SET: A SET OF SIGNED & SEALED AND DC WATER STAMPED PLANS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL EXISTING UTILITIES, ARE TO BE RECORDED AND/OR CORRECTED DAILY.

8. ABANDONMENTS: THE OWNER MUST PHYSICALLY DISCONNECT EXISTING WATER, SEWER, AND STORM LATERALS THAT ARE TO BE ABANDONED AT THEIR CONNECTION TO THE PUBLIC MAIN.

9. UNMETERED WATER: THERE SHALL BE NO UNMETERED CONNECTIONS TO THE CITY'S WATER SYSTEM, INCLUDING CONNECTIONS BYPASSING METERS FOR TESTING ON-SITE PLUMBING OR FOR OBTAINING CONSTRUCTION WATER.

10. PRESSURE TESTING AGAINST VALVES: PRESSURE TESTING AGAINST VALVES WILL NOT BE ALLOWED.

11. WATER METER INSTALLATION: TO SCHEDULE THE INSTALLATION OF A DOMESTIC WATER METER CONTACT PERMIT OPERATIONS AT 202-646-8600. DC WATER WILL FURNISH AND INSTALL THE METER AFTER THE CONNECTION TO THE MAIN HAS BEEN MADE AND THE METER PIT/VAULT HAS BEEN INSTALLED.

12. CROSS CONTAMINATION CONTROL: ASSE 1048 CERTIFIED BACKFLOW PREVENTION ASSEMBLIES ARE REQUIRED ON ALL FIRE SERVICES AND ARE TO BE LOCATED INSIDE THE BUILDING (UNLESS AN EXTERNAL LOCATION IS NECESSARY OR REQUIRED BY DC WATER) WHERE IT IS SUPPLIED, OWNED, OPERATED, AND MAINTAINED BY THE OWNER. DC WATER DOES NOT FURNISH NOR INSTALL FIRE DOUBLE CHECK DETECTOR FIRE PROTECTION BACKFLOW PREVENTION ASSEMBLIES.

13. UTILITY SERVICE DISRUPTIONS: PHASE ALL UTILITY WORK TO MAINTAIN UTILITY SERVICES TO THE SURROUNDING AREA DURING ALL PHASES OF CONSTRUCTION. LIMIT REQUIRED UTILITY SHUT-DOWNS IN NUMBER AND DURATION. COORDINATE THESE SHUT DOWNS WITH DC WATER CONSTRUCTION INSPECTION STAFF.

14. WATER VALVE OPERATION: THE CONTRACTOR IS REQUIRED TO COORDINATE WITH DC WATER FOR ALL NECESSARY WATER MAIN SHUT DOWNS WITH ADEQUATE ADVANCED NOTICE. ONLY DC WATER EMPLOYEES MAY SHUT DOWN A PUBLIC WATER MAIN. A CERTIFIED PLUMBER IS ONLY AUTHORIZED TO TURN OFF VALVES INSIDE METER PITS.

15. WATER GATE VALVE LOCATION: LOCATE GATE VALVES FOR DOMESTIC AND FIRE SERVICES AS CLOSE TO THE PUBLIC WATER MAIN TEE AS POSSIBLE. HOWEVER, IF NECESSARY ADJUSTMENTS ARE REQUIRED DUE TO CONFLICTS, COORDINATE WITH A DC WATER INSPECTOR.

16. MATERIAL: THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHOP CUTS TO THE APPROPRIATE DC WATER OFFICE FOR APPROVAL OR OBTAINING A DC WATER APPROVAL STAMP FOR ALL WORK IN PUBLIC SPACE IN ADVANCE OF INSTALLATION. ONLY APPROVED MATERIALS MAY BE USED.

17. TEMPORARY CONDITIONS MINIMUM COVER: A NOMINAL FOUR FEET OF COVER IS REQUIRED FOR ALL WATER MAINS AT FINAL GRADE. COVER OF LESS THAN FOUR FEET REQUIRES DC WATER APPROVAL.

18. AS-BUILT: DEVELOPERS, CONTRACTORS AND/OR PLUMBERS MUST SUBMIT FINAL CONSTRUCTION AS-BUILT INFORMATION TO THE APPROPRIATE DC WATER INSPECTOR(S) FOR REVIEW AND APPROVAL, UPON COMPLETION OF INSTALLATION OF NEW SERVICES OR ABANDONMENT OF EXISTING SERVICES. WHEN THE FINAL AS-BUILT IS APPROVED ALL DEPOSITS WILL BE RETURNED TO THE APPLICANT. SEE DC WATER AS-BUILT REQUIREMENTS FOR ADDITIONAL INFORMATION.

19. CONFLICTS: THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF PROPOSED UTILITIES. A MINIMUM OF ONE FOOT VERTICAL AND FIVE FEET HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM ANY UTILITIES AND PUBLIC WATER AND SEWER MAINS.

20. FIRE HYDRANT USE: THE USE OF A FIRE HYDRANT AS A WATER SOURCE IS PROHIBITED UNLESS A PERMIT HAS BEEN OBTAINED FROM DC WATER FOR USE OF A SPECIFIC HYDRANT(S). DAILY OR EXTENDED USE PERMITS CAN BE OBTAINED FROM THE DC WATER PERMIT OPERATIONS DEPARTMENT 202-646-8600.

21. FIRE HYDRANT STATUS: THE CONTRACTOR SHALL NOTIFY FEMS AT 202-277-1889, PRIOR TO TAKING ANY FIRE HYDRANT OUT OF SERVICE OR RENDERING ANY HYDRANT INACCESSIBLE FOR ANY REASON. FEMS IS ALSO TO BE PROVIDED WITH THE LOCATION OF ANY NEW INSTALLATION OF PRIVATE FIRE HYDRANTS.

22. DC WATER SAFETY OFFICE: THE DC WATER SAFETY OFFICE CAN BE CONTACTED AT 202-787-4350.

23. SEWER BACKWATER PREVENTION: THE PLUMBING SYSTEM MUST BE INCOMPLIANCE WITH SECTION 715 OF THE 2006 INTERNATIONAL PLUMBING CODE WHICH STATES A BACKWATER IS VALVE IS REQUIRED FOR ALL PLUMBING FIXTURES BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER.

NARRATIVE

THIS PROJECT IS FOR THE REMOVAL OF EXISTING SIDEWALK LOCATED ON NORTH SIDE OF "G" STREET, N.W. REMOVAL AND REPLACEMENT FROM THE FACE OF BUILDING TO THE BACK OF CURB. BEGINNING AT THE INTERSECTION WITH NORTH CAPITAL STREET, N.W. AND 400 FEET IN THE WESTWARD DIRECTION. THE SIDEWALK ANY CURB/GUTTER DISTURBED DURING CONSTRUCTION WILL BE REPLACED IN KIND.

SOILS – Ub Urban land
SIDEWALK REPLACEMENT– 9,500 Square feet of framed sidewalk repair
7,800 square feet of slab-on-grade sidewalk repair
QUANTITIES – CUT = 400 Cubic Yards
FILL = 400 Cubic Yards

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND DOCUMENTING ANY AND ALL REQUIRED INSPECTIONS AND CONSTRUCTION APPROVALS.
2. SHOULD EXISTING CONDITIONS IN THE FIELD NECESSITATE CONSTRUCTION METHODS OR MEANS OTHER THAN THOSE SHOWN OR SPECIFIED ON THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER TO OBTAIN APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. SURROUNDING FACILITIES ARE TO REMAIN IN OPERATION DURING CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN AN EXPEDITIOUS MANNER AND SHALL BE CONDUCTED SO AS TO MINIMIZE THE DISTURBANCE TO THOSE FACILITIES.
4. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION/CONSTRUCTION.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STREET AND UTILITIES WHICH OCCURS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT.
7. ALL WORK SHALL CONFORM TO THE MOST CURRENT STANDARDS AND SPECIFICATIONS;
ADA STANDARDS AND SPECIFICATIONS
DDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES
DDOT "WORK AREA TRAFFIC CONTROL MANUAL"
DDOT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"
DCWASA MASTER SPECIFICATIONS
DCWASA PROJECT DESIGN MANUAL
DCWASA STANDARD DETAILS AND DESIGN GUIDELINES

VEHICULAR/PEDESTRIAN NOTES

1. ALL EXISTING ROADWAY SIGNS, PARKING METERS, AND TRAFFIC CONTROLS ARE TO REMAIN OPERATIONAL AND VISIBLE DURING ALL PHASES OF CONSTRUCTION UNLESS OTHERWISE NOTED.
2. PEDESTRIAN THRUWAY TRAFFIC AND ACCESS TO ALL BUILDINGS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE THE APPROPRIATE PROTECTIONS INCLUDING PEDESTRIAN SAFETY AND DIRECTIONAL SIGNS DURING ALL PHASES OF DEMOLITION/CONSTRUCTION.
3. ALL WORK WITHIN EXISTING ROADWAY AREAS SHALL BE PROPERLY CORDONED OFF WITH THE APPROPRIATE SAFETY AND TRAFFIC CONTROLS IN ACCORDANCE WITH THE CURRENT "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
4. SURROUNDING FACILITIES ARE TO REMAIN IN OPERATION DURING CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN AN EXPEDITIOUS MANNER AND SHALL BE CONDUCTED SO AS TO MINIMIZE THE DISTURBANCE TO THOSE FACILITIES.

UTILITY NOTES

1. 5 WORKING DAYS PRIOR TO CONSTRUCTION, CALL "MISS UTILITY" FOR LOCATION OF ALL UTILITIES AT 1-800-257-7777.
2. ANY ANTICIPATED INTERRUPTIONS OF WATER OR SEWER SHALL REQUIRE 48 HOUR ADVANCED NOTICE BY THE CONTRACTOR TO THE ENGINEER, DCWATER AND ALL AFFECTED AGENCIES OR PERSONNEL.
3. ALL DISTURBED AREAS SHALL BE RESTORED TO THE ORIGINAL CONDITION OR BETTER.
4. UTILITY INSTALLATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION.
5. ONLY DESIGNATED UTILITY POLES SHALL BE RELOCATED PRIOR TO CONSTRUCTION BY THE CONTRACTOR.
6. COMPACTION OF BACKFILL IN UTILITY TRENCHES SHALL BE IN ACCORDANCE WITH DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION STANDARDS & SPECIFICATIONS.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STREET AND UTILITIES WHICH OCCURS AS A RESULT OF HIS CONSTRUCTION PROJECT WITHIN OR CONTIGUOUS TO THE EXISTING RIGHT-OF-WAY.
8. EXISTING UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FROM AVAILABLE RECORDS AND AN ABOVE GROUND FIELD SURVEY. THE LOCATION MUST BE CONSIDERED APPROXIMATE AND THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BY HAND DIGGING TEST PITS AT ALL UTILITY CROSSINGS AND CONNECTIONS WELL IN ADVANCE OF THE START OF GROUND DISTURBING ACTIVITIES. IF CLEARANCES ARE LESS THAN SHOWN ON THIS PLAN OR TWELVE (12) INCHES, WHICHEVER IS LESS, CONTACT THE ENGINEER AND THE APPROPRIATE UTILITY COMPANY BEFORE PROCEEDING WITH CONSTRUCTION.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ANY AND ALL EXISTING STRUCTURES AND UTILITIES, WHETHER SHOWN HEREON OR NOT, FROM DAMAGE.
10. DUE TO THE PROXIMITY OF POSSIBLE LIVE UNDERGROUND AND OVERHEAD UTILITIES, DEWBERRY IS NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY SUSTAINED DURING CONSTRUCTION BY ANY PERSON, VEHICLES OR EQUIPMENT USED ON OR ADJACENT TO THE SITE.
11. OMISSIONS/ADDITIONS OF UTILITIES FOUND DURING CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF ANY CONTRACTOR ENGAGED IN CONSTRUCTION AT THIS SITE. DEWBERRY SHALL BE NOTIFIED IMMEDIATELY OF ANY AND ALL UTILITY OMISSIONS/ADDITIONS.
12. THE CONTRACTOR SHALL, AT A MINIMUM, REMOVE/RELOCATE ANY UTILITY THAT INTERFERES WITH CONSTRUCTION OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF RECORD OF ANY UTILITY THAT IS FOUND DURING DEMOLITION/CONSTRUCTION THAT NEEDS TO BE RELOCATED/REMOVED AND IS NOT IDENTIFIED ON THESE PLANS. OBTAIN WRITTEN APPROVAL PRIOR TO PROCEEDING WITH THE RELOCATION/REMOVAL OF THE UTILITY.
13. CONTRACTOR SHALL HAND DIG TEST PITS AT ALL UTILITY CROSSINGS TO DETERMINE THEIR EXACT LOCATION, WELL IN ADVANCE OF ANY DEMOLITION/CONSTRUCTION.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/RE-ESTABLISHMENT OF ALL UTILITY SERVICES/CONNECTIONS DISRUPTED DURING DEMOLITION/CONSTRUCTION.
15. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO THE REMOVAL OF ANY UTILITY.

STREET TREE PROTECTION

TREE PROTECTION MEASURES AND EXCAVATIONS SHALL COMPLY WITH THE 2013 DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES (GOLD BOOK) – SECTIONS 207.03, 608.07 AND 608.08

ALL STREET TREES WITHIN OR DIRECTLY ADJACENT TO THE LIMITS OF WORK MUST BE PROTECTED WITH 6 FT. TALL CHAIN LINK FENCE TO THE EXTENT OF THE TREE BOX (MINIMUM 4' X 9') OR THE DRIP LINE IN A PLANTING STRIP. THE DRIP LINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF A TREE.

NOTE THAT TUNNELING (PNEUMATIC EXCAVATION TOOLS OR HYDROEXCAVATION) SHALL BE USED IN LIEU OF TRENCHING AND ROOT PRUNING FOR UTILITY WORK WITHIN THE ROOTZONE OF A STREET TREE. THE ROOTZONE IS MEASURED AT 4.5' ABOVE GRADE FROM THE NEAR SIDE OF THE TRUNK TO THE DISTANCE THAT EQUALS THE TREE DIAMETER X 1.5 FT. OR TO THE DRIP LINE OF A STREET TREE WHICHEVER IS GREATER.

SHEET INDEX

C001 COVER SHEET
C002 EXISTING CONDITIONS/DEMOLITION PLAN
C003 SITEPLAN
C004 SITE DETAILS
C005 EROSION AND SEDIMENT CONTROL PLAN
C006 EROSION AND SEDIMENT CONTROL NOTES
C007 TEMPORARY TRAFFIC CONTROL PLAN
C008 TEMPORARY TRAFFIC CONTROL DETAILS

NOTE
FOR LOCATION OF UTILITIES CALL
8-1-1 OR 1-800-257-7777
OR LOG ON TO
www.call811.com
http://www.missutility.net
48 HOURS IN ADVANCE OF ANY WORK
IN THIS VICINITY
INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF THE START OF EXCAVATION.

UTILITY CONTACTS

PEPCO c/o KATHY BROOKS 1900 PENNSYLVANIA AVE, NW ROOM 322 WASHINGTON, DC 20068 202.872.3041	WASHINGTON GAS c/o AL COSTIGAN / ANN KERN 6801 INDUSTRIAL ROAD ROOM 2021 SPRINGFIELD, VA 22151 703.750.4843 / 703.750.4445	DISTRICT CABLEVISION CONSTRUCTION DEPARTMENT 900 MICHIGAN AVENUE, NE WASHINGTON, DC 20017 202.832.2001	STAR POWER c/o WAYNE OWENS 10000 DEREKWOOD LANE LANHAM, MD 20706 301.531.2740
			VERIZON c/o RUSSELL SULLIVAN 202.636.0242

NO	DATE	SUBMITTALS/REVISIONS	BY

Civil Engineer
Dewberry®
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851 FAX: (301) 258-7607
Contact: C. Peter Okafor, PE, Associate Vice President

DISTRICT OF COLUMBIA CHIDUBEM C. OKAFOR REGISTERED PROFESSIONAL ENGINEER
Expiration Date: August 31, 2020

Owner | Architect

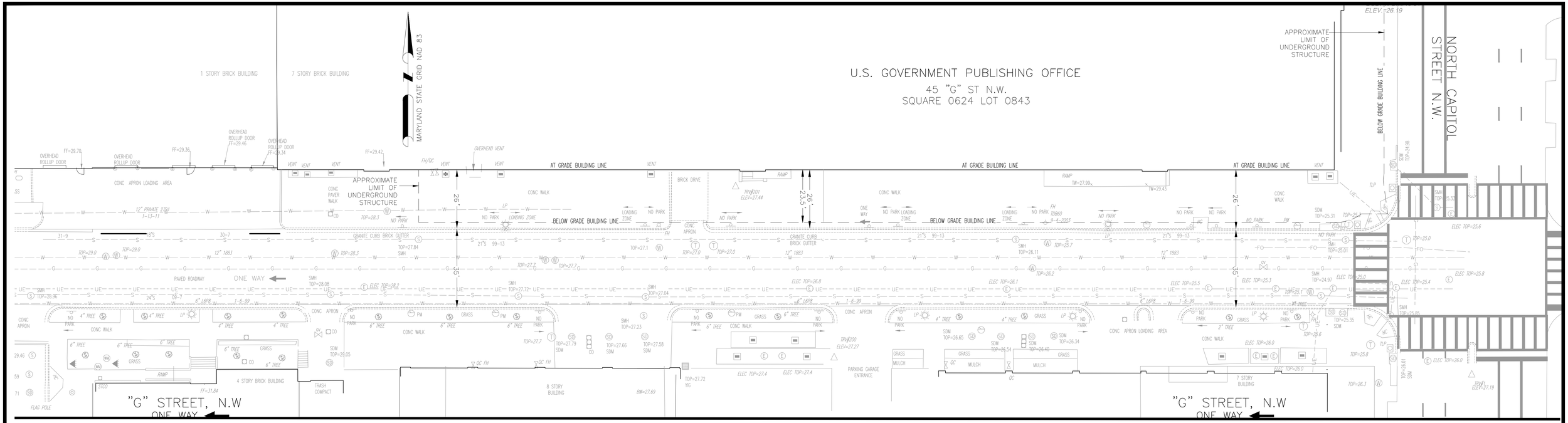
SCALE: AS SHOWN
DESIGN: ROY E. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

732 NORTH CAPITOL STREET N.W.
U.S. GOVERNMENT PUBLISHING OFFICE
WASHINGTON, DISTRICT OF COLUMBIA 20401

COVER SHEET

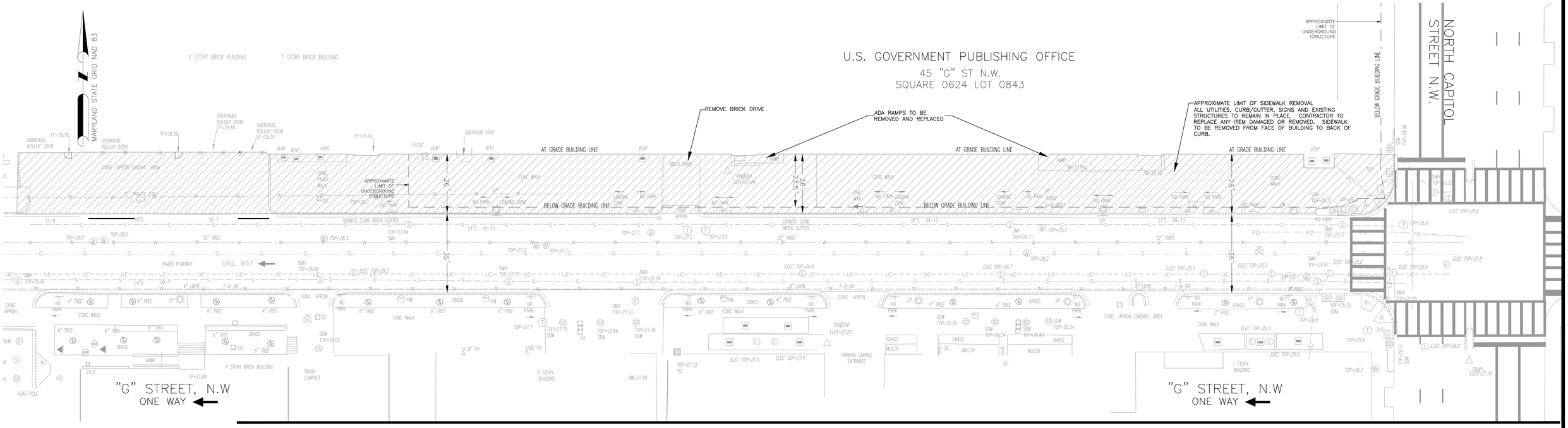
SHEET 1 OF 10

C001



NOTE
EXISTING CONDITIONS LEGEND
PROVIDED ON COVER SHEET

EXISTING CONDITIONS PLAN
SCALE 1"=20'



DEMOLITION PLAN
SCALE 1"=20'

NO	DATE	SUBMITTALS/REVISIONS	BY

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2101 Gaither Road, Suite 340
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Phone: (301) 337-2851 FAX: (301) 258-7607
Contact: C. Peter Okafor, PE, Associate Vice President

DISTRICT OF COLUMBIA GOVERNMENT REGISTERED PROFESSIONAL ENGINEER
Expiration Date: August 31, 2020

Owner

Architect

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft

SCALE: AS SHOWN
DESIGN: ROY E. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

732 NORTH CAPITOL STREET N.W.
U.S. GOVERNMENT PUBLISHING OFFICE
WASHINGTON, DISTRICT OF COLUMBIA 20401

EXISTING CONDITIONS/DEMOLITION PLAN

SHEET 2 OF 10

C002

EXISTING LEGEND

- SANITARY SEWER (8"S, FLOW ARROW, MANHOLE)
- WATER (12"W, METER, WM, VALVE, WV, HYDRANT)
- STORM DRAIN (INLET, SD, FLOW ARROW, MANHOLE)
- PROPERTY LINE
- BUILDING
- CURB
- SIDEWALK
- BELOW GRADE BUILDING LINE
- SIDEWALK REMOVAL
- NATURAL GAS (VALVE)
- UNDERGROUND ELECTRIC (MANHOLE)
- OVERHEAD ELECTRIC LINE UTILITY POLE
- UNDERGROUND TELEPHONE
- LIGHT POLE
- TREE
- TRAFFIC MH
- PARKING METER
- SIGN
- CLEANOUT

IMPROVEMENTS LEGEND

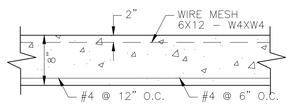
BUILDING — 2% MAX GRADE — CURB
NEW 4" POURED CONCRETE SIDEWALK SEE DDOT DETAIL 605.01

BUILDING — 2% MAX GRADE — APRON
NEW 8" REINFORCED POURED CONCRETE DRIVE SEE DDOT DETAIL 504.01

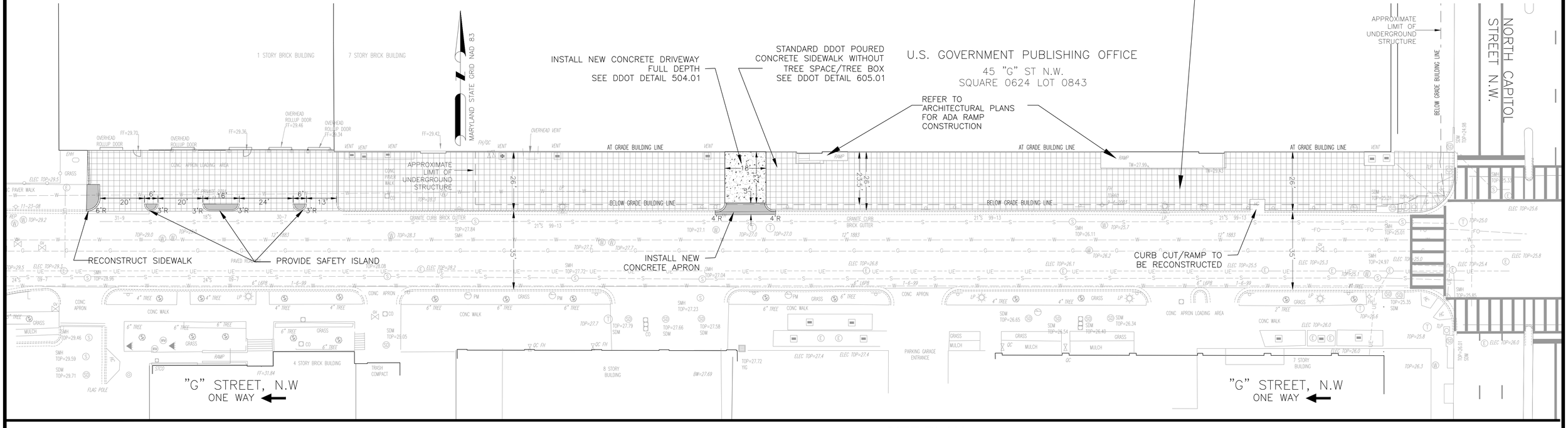
CONCRETE CURB WITH 4"RADIUS — 8.3% MAX GRADE
NEW POURED CONCRETE APRON SEE DDOT DETAIL 504.01

12' — 6'R
NEW POURED CONCRETE ISLAND

CONCRETE CURB WITH 6"RADIUS
NEW POURED CONCRETE SIDEWALK



CONCRETE DRIVE PAVEMENT DETAIL



SITE PLAN
SCALE 1"=20'

NO	DATE	SUBMITTALS/REVISIONS	BY

Civil Engineer
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Rockville Maryland 20850
Phone: (301) 337-2851 FAX: (301) 258-7607
Contact: C. Peter Okafor, PE, Associate Vice President

DISTRICT OF COLUMBIA REGISTERED PROFESSIONAL ENGINEER
Expiration Date: August 31, 2020

Owner

Architect

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft

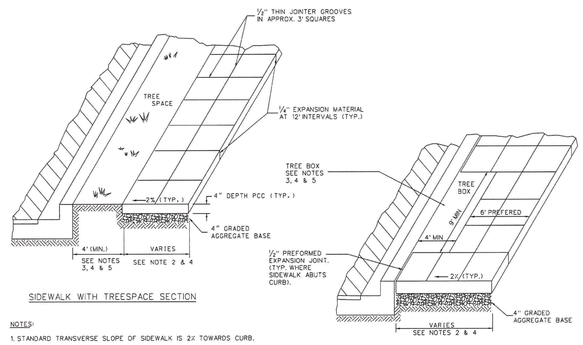
SCALE: AS SHOWN
DESIGN: ROY E. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

732 NORTH CAPITOL STREET N.W.
U.S. GOVERNMENT PUBLISHING OFFICE
WASHINGTON, DISTRICT OF COLUMBIA 20401

SITEPLAN

SHEET 3 OF 10

C003



SIDEWALK WITH TREESPACE SECTION

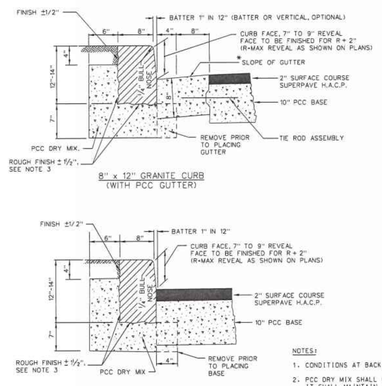
SIDEWALK WITH TREE BOX SECTION

NOTES:

1. STANDARD TRANSVERSE SLOPE OF SIDEWALK IS 2% TOWARDS CURB.
2. ALL SIDEWALKS SHALL HAVE A MINIMUM WIDTH OF 6 FT. WHEN SEPARATED FROM THE ROADWAY BY A BUFFER STRIP. THE WIDTH OF THE BUFFER STRIP SHOULD BE A MINIMUM OF 4 FT. PREFERABLY 6 FT. FOR TREE SPACE. WHERE UTILITY POLES, SIGN SUPPORTS, FIRE HYDRANTS, TREE BOXES ETC. ARE PROVIDED IN THE SIDEWALK, THE MINIMUM USABLE WIDTH OF SIDEWALK SHALL BE 4 FT. TO ALLOW FOR WHEELCHAIR PASSAGE.
3. WHEN MINIMUM SIDEWALK WIDTH REQUIREMENTS ARE MET, A WIDER TREESPACE SHALL BE PROVIDED IF THE RIGHT-OF-WAY ALLOWS.
4. ANY EXCEPTIONS TO MINIMUM SIDEWALK OR TREESPACE REQUIREMENTS REQUIRE THE ENGINEER'S APPROVAL.
5. PROVIDE, AT A MINIMUM, THE REQUIRED TREE SOIL VOLUME PER DDOT GREEN INFRASTRUCTRE STANDARDS.

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER	TYPICAL SIDEWALK SECTIONS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 605.01

DO NOT INSTALL TREE BOX OR TREESPACE

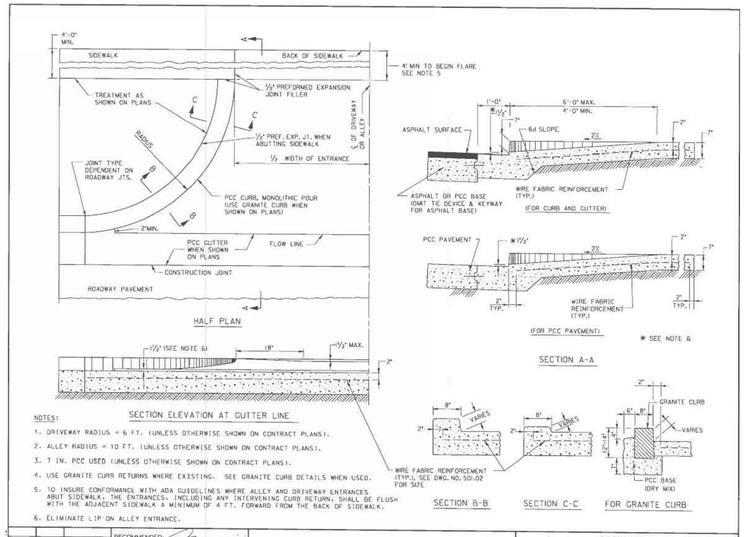


NOTES:

1. CONDITIONS AT BACK OF CURB VARY AND ARE AS SHOWN ON THE CONTRACT PLANS.
2. PCC DRY MIX SHALL BE PER DDOT STANDARD SPECIFICATIONS, SECTION 801. IT SHALL MAINTAIN THE SAME TIME LIMITS AS PCC AND SHALL BE WATERED DOWN AFTER SETTING OF GRANITE CURB.
3. THE MINIMUM DEPTH TO CONCAVE SURFACE ON ROUGH FINISH SHALL BE 10 IN.
4. GRANITE CURBS ARE SHOWN WITH A COMPOSITE PAVEMENT SECTION.
5. * LOW SIDE – 1 IN. PER FT. TOWARD CURB
   * HIGH SIDE – 3/8 IN. PER FT. AWAY FROM CURB
6. A 6 IN. MIN. LAYER OF GRADED AGGREGATE BASE SHALL BE PLACED BENEATH THE ROADWAY CURB AND GUTTER AND IS NOT SHOWN FOR CLARITY.

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER	TYPES OF GRANITE CURBS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 606.02

MATCH EXISTING CURB AND GUTTER

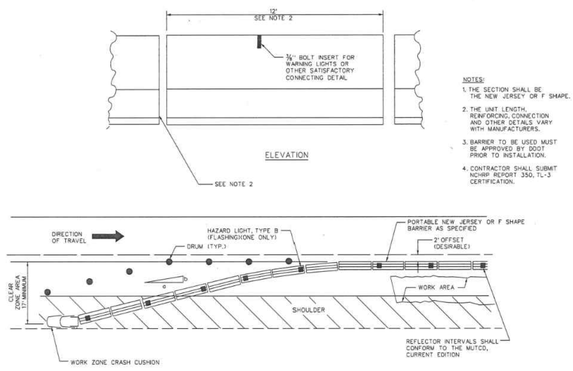


NOTES:

1. DRIVEWAY RADIUS = 6 FT. (UNLESS OTHERWISE SHOWN ON CONTRACT PLANS).
2. ALLEY RADIUS = 10 FT. (UNLESS OTHERWISE SHOWN ON CONTRACT PLANS).
3. 7 IN. PCC USED (UNLESS OTHERWISE SHOWN ON CONTRACT PLANS).
4. USE GRANITE CURB RETURNS WHERE EXISTING. SEE GRANITE CURB DETAILS WHEN USED.
5. TO INSURE CONFORMANCE WITH ADA GUIDELINES WHERE ALLEY AND DRIVEWAY ENTRANCES ABUT SIDEWALK, THE ENTRANCES, INCLUDING ANY INTERVENING CURB RETURN, SHALL BE FLUSH WITH THE ADJACENT SIDEWALK A MINIMUM OF 4 FT. FORWARD FROM THE BACK OF SIDEWALK.
6. ELIMINATE LIP ON ALLEY ENTRANCE.

DATE / REVISED / ISSUED	APPR. / REFERENCE	RECOMMENDED: DEPUTY CHIEF ENGINEER	ALLEY-DRIVEWAY ENTRANCE WITH CURB RETURNS TYPE "A"	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
		APPROVED: CHIEF TRANSPORTATION ENGINEER		DWG. NO. 504.01

MATCH EXISTING CURB AND GUTTER



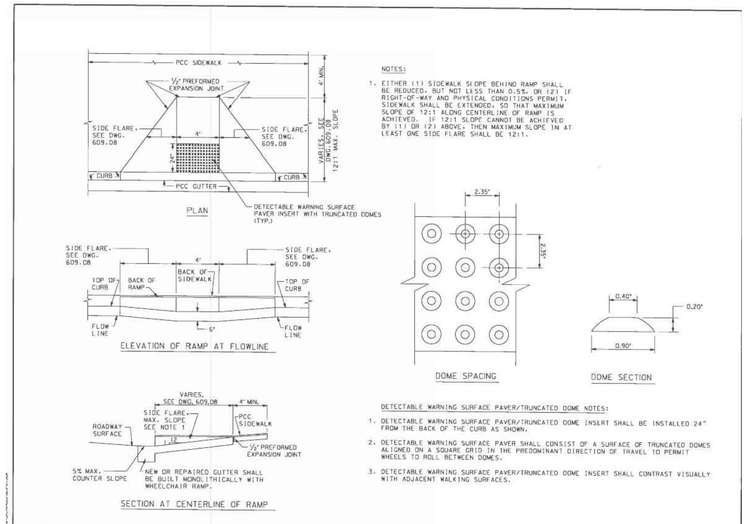
NOTES:

1. THE SECTION SHALL BE THE NEW JERSEY OR F SHAPE.
2. THE UNIT LENGTH, REINFORCING CONNECTION AND OTHER DETAILS VARY WITH MANUFACTURERS.
3. BARRIER TO BE USED MUST BE APPROVED BY DDOT PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL SUBMIT NCHRP REPORT 350, TL-3 CERTIFICATION.

MINIMUM BARRIER FLARE RATE, 015

60 MPH = 13:1
50 MPH = 11:1
40 MPH = 9:1
30 MPH = 6:1

ISSUED: 8/2015	RECOMMENDED: PROJECT MANAGER	PRECAST TEMPORARY CONCRETE BARRIER FOR TRAFFIC MAINTENANCE DURING FREEWAY CONSTRUCTION	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION / APPROVAL	APPROVED: Mohammed Khalid, CHIEF ENGINEER		DWG. NO. 610.03



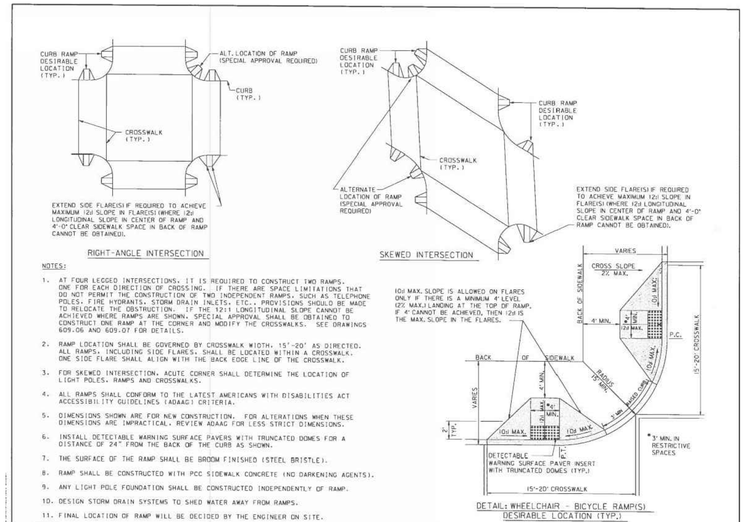
NOTES:

1. EITHER (1) SIDEWALK SLOPE BEHIND RAMP SHALL BE REDUCED, BUT NOT LESS THAN 0.5%, OR (2) IF RIGHT-OF-WAY AND PHYSICAL CONDITIONS PERMIT, SIDEWALK SHALL BE EXTENDED, SO THAT MAXIMUM SLOPE OF 12:1 ALONG CENTERLINE OF RAMP IS ACHIEVED. IF 12:1 SLOPE CANNOT BE ACHIEVED BY (1) OR (2) ABOVE, THEN MAXIMUM SLOPE IN AT LEAST ONE SIDE FLARE SHALL BE 12:1.

DETECTABLE WARNING SURFACE PAVER/TRUNCATED DOME NOTES:

1. DETECTABLE WARNING SURFACE PAVER/TRUNCATED DOME INSERT SHALL BE INSTALLED 24" FROM THE BACK OF THE CURB AS SHOWN.
2. DETECTABLE WARNING SURFACE PAVER SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
3. DETECTABLE WARNING SURFACE PAVER/TRUNCATED DOME INSERT SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES.

DATE / REVISED / ISSUED	APPR. / REFERENCE	RECOMMENDED: DEPUTY CHIEF ENGINEER	WHEELCHAIR-BICYCLE RAMPS DETAILS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
		APPROVED: CHIEF TRANSPORTATION ENGINEER		DWG. NO. 609.07



NOTES:

1. AT FOUR LEGGED INTERSECTIONS, IT IS REQUIRED TO CONSTRUCT TWO RAMPS, ONE FOR EACH DIRECTION OF CROSSING. IF THERE ARE SPACE LIMITATIONS THAT DO NOT PERMIT THE CONSTRUCTION OF TWO INDEPENDENT RAMPS, SUCH AS TELEPHONE POLES, FIRE HYDRANTS, STORM DRAIN INLETS, ETC., PROVISIONS SHOULD BE MADE TO RELOCATE THE OBSTRUCTION. IF THE 12:1 LONGITUDINAL SLOPE CANNOT BE ACHIEVED WHERE RAMPS ARE SHOWN, SPECIAL APPROVAL SHALL BE OBTAINED TO CONSTRUCT ONE RAMP AT THE CORNER AND MODIFY THE CROSSWALKS. SEE DRAWINGS 609.06 AND 609.07 FOR DETAILS.
2. RAMP LOCATION SHALL BE GOVERNED BY CROSSWALK WIDTH, 15'-20' AS DIRECTED. ALL RAMPS, INCLUDING SIDE FLARES, SHALL BE LOCATED WITHIN A CROSSWALK. ONE SIDE FLARE SHALL ALIGN WITH THE BACK EDGE LINE OF THE CROSSWALK.
3. FOR SKEWED INTERSECTION, ACUTE CORNER SHALL DETERMINE THE LOCATION OF LIGHT POLES, RAMPS AND CROSSWALKS.
4. ALL RAMPS SHALL CONFORM TO THE LATEST AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) CRITERIA.
5. DIMENSIONS SHOWN ARE FOR NEW CONSTRUCTION. FOR ALTERATIONS WHEN THESE DIMENSIONS ARE IMPRACTICAL, REVIEW ADAAG FOR LESS STRICT DIMENSIONS.
6. INSTALL DETECTABLE WARNING SURFACE PAVERS WITH TRUNCATED DOMES FOR A DISTANCE OF 24" FROM THE BACK OF THE CURB AS SHOWN.
7. THE SURFACE OF THE RAMP SHALL BE BROOM FINISHED (STEEL BRISTLE).
8. RAMP SHALL BE CONSTRUCTED WITH PCC SIDEWALK CONCRETE (NO DARKENING AGENTS).
9. ANY LIGHT POLE FOUNDATION SHALL BE CONSTRUCTED INDEPENDENTLY OF RAMP.
10. DESIGN STORM DRAIN SYSTEMS TO SHED WATER AWAY FROM RAMPS.
11. FINAL LOCATION OF RAMP WILL BE DECIDED BY THE ENGINEER ON SITE.

10:1 MAX. SLOPE IS ALLOWED ON FLARES ONLY IF THERE IS A MINIMUM 4' LEVEL (2% MAX.) LANDING AT THE TOP OF RAMP. IF 4' CANNOT BE ACHIEVED, THEN (2:1 IS THE MAX. SLOPE IN THE FLARES.

DATE / REVISED / ISSUED	APPR. / REFERENCE	RECOMMENDED: DEPUTY CHIEF ENGINEER	WHEELCHAIR - BICYCLE RAMPS LOCATIONS	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
		APPROVED: CHIEF TRANSPORTATION ENGINEER		DWG. NO. 609.05

NO	DATE	SUBMITTALS/REVISIONS	BY

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Contact: C. Peter Okafor, PE, Associate Vice President

Expiration Date: August 31, 2020

Owner

Architect

SCALE: AS SHOWN
DESIGN: ROY F. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

732 NORTH CAPITOL STREET N.W.
U.S. GOVERNMENT PUBLISHING OFFICE
WASHINGTON, DISTRICT OF COLUMBIA 20401

SITE DETAILS

SHEET 4 OF 10

C004

EXISTING LEGEND

- SANITARY SEWER (8"S, FLOW ARROW, MANHOLE)
- WATER (12"W, METER, VALVE, WM, WV, HYDRANT)
- STORM DRAIN (INLET, SD, FLOW ARROW, MANHOLE)
- PROPERTY LINE
- BUILDING
- CURB
- SIDEWALK
- BELOW GRADE BUILDI
- SIDEWALK REMOVAL
- NATURAL GAS (G, VALVE)
- UNDERGROUND ELECTRIC (UE, MANHOLE)
- OVERHEAD ELECTRIC LINE UTILITY POLE (OE)
- UNDERGROUND TELEPHONE (UT)
- LIGHT POLE
- TREE

SEDIMENT CONTROL LEGEND

- CIP — CURB INLET PROTECTION
- LOD — LIMITS OF DISTURBANCE
- FENCE
- PST — PORTABLE SEDIMENT TANK

NARRATIVE

PLANS ARE FOR THE DEMOLITION AND REPLACEMENT OF THE EXISTING SIDEWALK LOCATED ON THE NORTH OF "G" STREET N.W., APPROXIMATELY 420 FEET IN LENGTH. ONCE THE SIDEWALK IS REMOVED A WATERPROOF MEMBRANE WILL BE INSTALLED OVER THE EXISTING BELOW GRADE BUILDING ROOF.

DISTURBANCE IS LIMITED TO REMOVAL OF EXISTING SIDEWALK.

SEDIMENT CONTROLS WILL CONSIST OF A CURB INLET PROTECTION AND PORTABLE SEDIMENT TANK.

SITE DISTURBANCE = 9,500 Square feet of framed sidewalk repair

7,800 square feet of slab-on-grade sidewalk repair

(AREA OVER THE EXISTING BUILDING ROOF THAT WILL BE UNCOVERED)

QUANTITIES – CUT = 400 Cubic feet

FILL = 400 Cubic feet

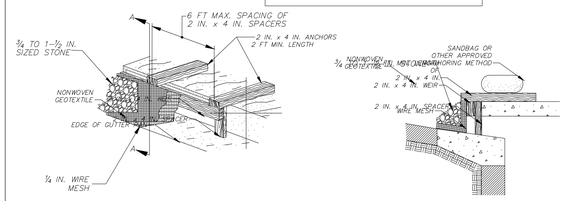
SEQUENCE OF CONSTRUCTION

CONTRACTOR SHALL ENSURE ALL NECESSARY PERMITS HAVE BEEN OBTAINED AND CONDUCT A PRE-CONSTRUCTION MEETING WITH D.C. INSPECTOR PRIOR TO START OF ANY LAND DISTURBANCE ACTIVITIES.

1. INSTALL PEDESTRIAN AND VEHICULAR CONTROL MEASURES PRIOR TO ANY CONSTRUCTION ACTIVITY, AS SHOWN ON THIS PLAN.
2. INSTALL SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN.
3. BEGIN SIDEWALK REMOVAL OPERATIONS.
4. REMOVE DEMOLISHED MATERIAL TO AN OFFSITE LEGAL DISPOSAL SITE.
5. INSTALL SECURE SIDEWALK ENCLOSURE PRIOR TO SIDEWALK DEMOLITION.
6. INSTALL WATER PROOFING MATERIALS.
7. INSTALL NEW CONCRETE SIDEWALK.
8. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN 7 CALENDAR DAYS. INSTALL TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED BY THE CONTRACTOR ON A DAILY BASIS AND ANY DAMAGED EROSION OR SEDIMENT CONTROL DEVICE WILL BE REPAIRED BEFORE THE END OF THE WORK DAY.
10. WHEN CONSTRUCTION IS COMPLETE, STABILIZE ALL CONTRIBUTING AREAS AND OBTAIN APPROVAL OF THE D.C. INSPECTOR TO REMOVE EROSION AND SEDIMENT CONTROL MEASURES.
11. STABILIZE ALL AREAS DISTURBED BY THE REMOVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES.

MAXIMUM DRAINAGE AREA = ¼ ACRE

STANDARD SYMBOL: CIP



ISOMETRIC — SECTION A-A

CONSTRUCTION SPECIFICATIONS

1. ATTACH A CONTINUOUS PIECE OF 1/2 INCH x 1/2 INCH WIRE MESH, (30 INCHES MINIMUM WIDTH BY THROAT LENGTH, PLUS 4 FEET) TO THE 2-INCH x 4-INCH WEIR (MEASURING THROAT LENGTH PLUS 2 FEET) AS SHOWN ON THE STANDARD DRAWING.
2. PLACE A CONTINUOUS PIECE OF GEOTEXTILE CLASS E OF THE SAME DIMENSIONS AS THE WIRE MESH OVER THE WIRE MESH AND SECURELY ATTACH TO THE 2-INCH x 4-INCH WEIR.
3. SECURELY NAIL THE 2-INCH x 4-INCH WEIR TO A 9-INCH LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND THE INLET FACE (MAXIMUM 4 FEET APART).
4. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MINIMUM 2-FOOT LENGTHS OF 2-INCHES x 4-INCHES TO THE TOP OF THE WEIR AT SPACER LOCATIONS). EXTEND THESE 2-INCH x 4-INCH ANCHORS ACROSS THE INLET TOP AND BE HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHT.
5. PLACE THE ASSEMBLY SO THAT THE END SPACERS ARE 1 FOOT BEYOND BOTH ENDS OF THE THROAT OPENING.
6. FORM THE 1/2-INCH x 1/2-INCH WIRE MESH AND THE GEOTEXTILE FABRIC TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4 TO 1-1/2 INCH STONE OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE.
7. THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE GEOTEXTILE FABRIC AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.
8. ASSURE THAT STORM FLOWS DO NOT BYPASS THE INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT THE FLOW TO THE INLET.
9. IF THERE ARE ANY SIGNS OF STREET FLOODING OR WATER PONDING, THIS STRUCTURE MUST BE CLEANED OR REPLACED, OR REDESIGNED WITH A VIABLE ALTERNATIVE SUCH AS 3.3 FILTER SOCK.

*NOTE: FILTER SOCK IS AN ALTERNATIVE WHICH IS EASIER TO INSTALL AND MAINTAIN THAN THIS STANDARD DESIGN.

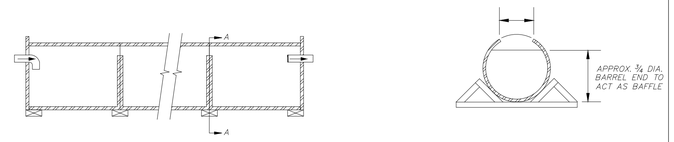
DATE	APPR	
REVISED		
ISSUED:		
		REFERENCE

CURB INLET PROTECTION
STORM DRAIN INLET PROTECTION

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 307.3

STANDARD SYMBOL: PST



ELEVATION — SECTION A-A

CONSTRUCTION SPECIFICATIONS

1. CONSTRUCT THE STRUCTURE WITH STEEL DRUMS, STURDY WOOD, OR OTHER MATERIAL SUITABLE FOR HANDLING THE PRESSURE EXERTED BY THE VOLUME OF WATER.
2. SEDIMENT TANKS HAVE A MINIMUM DEPTH OF 2 FEET.
3. ONCE THE WATER LEVEL NEARS THE TOP OF THE TANK, SHUT OFF THE PUMP WHILE THE TANK DRAINS AND ADDITIONAL CAPACITY IS MADE AVAILABLE.
4. DESIGN THE TANK TO ALLOW FOR EMERGENCY FLOW OVER TOP OF THE TANK.

DATE	APPR	
REVISED		
ISSUED:		
		REFERENCE

PORTABLE SEDIMENT TANK - 1
(HORIZONTAL)

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 703.1

STANDARD SYMBOL: PST

ELEVATION — PLAN VIEW

CONSTRUCTION SPECIFICATIONS

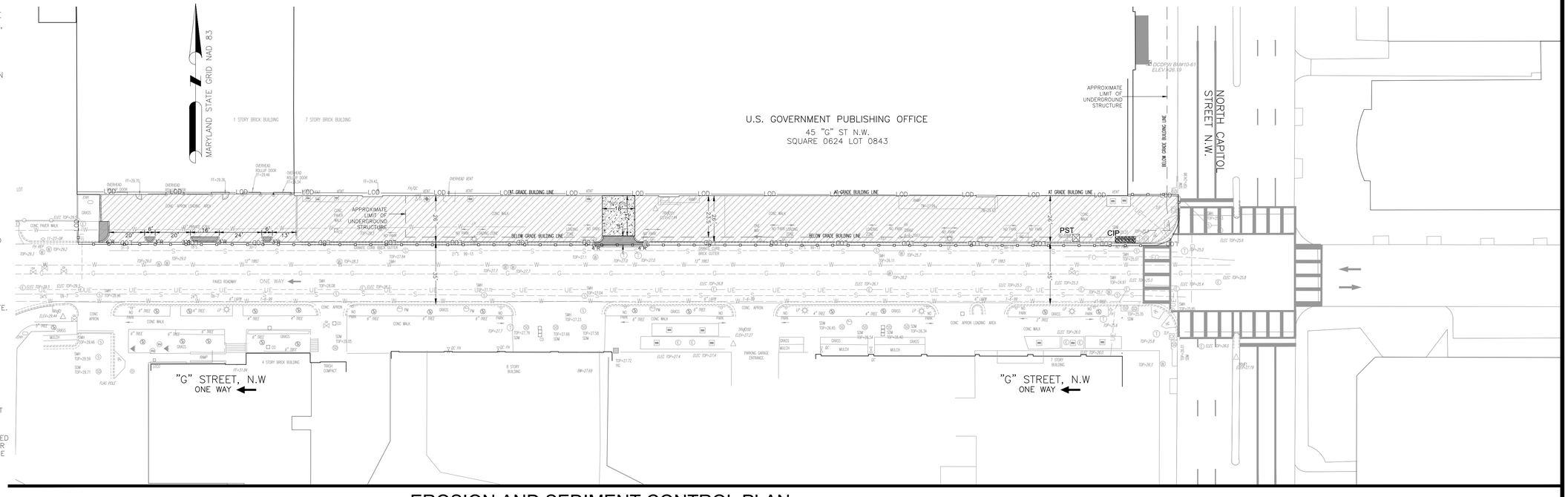
1. USE 60 INCH CORRUGATED METAL OR PLASTIC PIPE WITH 1 INCH DIAMETER PERFORATIONS, 6 INCHES ON CENTER FOR THE INNER PIPE. LINE PIPE WITH NONWOVEN GEOTEXTILE SANDWICHED BETWEEN, AND ATTACHED TO, ¼ INCH HARDWARE CLOTH.
2. OVERLAP GEOTEXTILE 8 INCHES MINIMUM AT VERTICAL SEAM AND AT THE BOTTOM PLATE.
3. ANCHOR GEOTEXTILE AT BOTTOM OF TANK WITH 4 INCHES OF 2 TO 3 INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE.
4. USE 72 INCH CORRUGATED METAL OR PLASTIC OUTER PIPE WITH PERMANENT OUTFLOW PIPE WITH INVERT LOWER THAN INFLOW PIPE.
5. INFLOW PIPE MUST DISCHARGE INTO INNER PIPE AND BE REMOVABLE.
6. PLACE TANK ON LEVEL SURFACE AND DISCHARGE TO A STABLE AREA AT A NON-EROSIVE RATE.

DATE	APPR	
REVISED		
ISSUED:		
		REFERENCE

PORTABLE SEDIMENT TANK - 2
(VERTICAL)

DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT

DWG. NO 703.2



EROSION AND SEDIMENT CONTROL PLAN

SCALE 1"=30'

NO	DATE	SUBMITTALS/REVISIONS	BY

Civil Engineer

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Contact: C. Peter Okafor, PE, Associate Vice President

DISTRICT OF COLUMBIA — COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL ENGINEER

Expiration Date: August 31, 2020

Owner

Architect

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft

SCALE: AS SHOWN
DESIGN: ROY E. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

732 NORTH CAPITOL STREET N.W.
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WASHINGTON, DISTRICT OF COLUMBIA 20401

EROSION AND SEDIMENT CONTROL PLAN

SHEET 5 OF 10

C005

PROJECT DESCRIPTION

THESE PLANS ARE FOR THE DEMOLITION OF SIDEWALK LOCATED ON THE NORTH SIDE OF "G" STREET AND THE PLACEMENT OF WATERPROOFING MEMBRANE OVER THE EXISTING BELOW GRADE BUILDING ROOF AND THE RE-CONSTRUCTION OF THE SIDEWALK.

EXISTING SITE CONDITIONS

THIS PROJECT SITE IS LIMITED TO THE SIDEWALK AREA.

SOILS

URBAN LAND: THIS SITE IS FULLY CONTAINED WITHIN THIS SOILS CLASSIFICATION.

ADJACENT PROPERTY

THE PROPERTY IS BOUND ON THE NORTH BY 45 "G" ST, GOVERNMENT PUBLISHING OFFICE, ON THE SOUTH BY "G" STREET.

PROJECT AREA

DISTURBED AREA = 17,300 SF (SIDEWALK REMOVAL)
VOLUME OF CUT = 400 CY
VOLUME OF FILL = 400 CY

EROSION AND SEDIMENT CONTROL PROGRAM

TEMPORARY SEEDING AND MULCHING IS TO BE APPLIED TO ANY AREA WITHIN THE SITE NOT CONTINUOUSLY WORKED FOR 14 DAYS AFTER CLEARING AND GRADING. SILT AND SUPER SILT FENCES WILL BE USED TO FILTER SEDIMENT-LADEN SHEET FLOW. INLET PROTECTION WILL BE USED ON EXISTING AND PROPOSED INLETS.

SEDIMENT CONTROL PROGRAM FOR DEMOLITION

PRIOR TO CONSTRUCTION, MEET WITH THE SITE INSPECTOR, ON THE PROJECT SITE AND ESTABLISH THE LIMITS OF CLEARING AND CONSTRUCTION.

1. INSTALL STRAW BALES "EROSION CONTROL PLAN". MAINTAIN A SEDIMENT TANK ON SITE.

2. CLEAR AND GRUB ONLY THOSE AREAS NECESSARY FOR THE INSTALLATION OF PERIMETER CONTROLS. PHYSICALLY MARK THE LIMITS OF DISTURBANCE AS SHOWN ON THESE PLANS TO MINIMIZE GROUND DISTURBANCE. CLEARING OPERATIONS WILL BE MAINTAINED TO A WORKABLE SIZE TO MINIMIZE SOILS EXPOSURE.

3. INSTALL PERIMETER CONTROLS AS SHOWN ON THESE PLANS.

4. FOLLOWING THE COMPLETION OF INSTALLATION OF THE EROSION CONTROLS DESCRIBED IN THE "SEDIMENT CONTROL PROGRAM FOR DEMOLITION" AND AFTER APPROVAL BY THE D.C INSPECTOR, BEGIN CLEARING AND GRUBING OF THE REMAINDER OF THE SITE. RUNOFF WILL FLOW NATURALLY TO THE CONTROL DEVICE.

5. FILL SLOPE SURFACES SHALL BE LEFT IN A ROUGHENED CONDITION TO REDUCE SHEET AND FILL EROSION OF THE SLOPES. THE CONTRACTOR SHALL REDIRECT CONCENTRATED FLOW AWAY FROM THE FILL SLOPES BY INSTALLING EARTH BERMS AND OUTLETTING THE RUNOFF TO A STABILIZED OUTLET OR SEDIMENT TRAPPING DEVICE WHEN NECESSARY.

6. FOR TEMPORARY VEGETATION STABILIZATION OF ALL DENUDED AREAS, SEE "EROSION CONTROL PROGRAM" ABOVE.

7. AFTER DEMOLITION OPERATIONS HAVE ENDED, STABILIZE ALL DISTURBED AREAS. THE MECHANICAL SEDIMENT CONTROLS SHALL REMAIN IN PLACE FOR THE FOLLOWING PHASES OF CONSTRUCTION.

MAINTENANCE PROGRAM

1. THE SITE SUPERINTENDENT OR HIS/HER REPRESENTATIVE SHALL MAKE A VISUAL INSPECTION OF ALL MECHANICAL CONTROLS AND NEWLY STABILIZED AREAS (I.E. SEEDED AND MULCHED AND/OR SODDED AREA) ON A DAILY BASIS, ESPECIALLY AFTER A HEAVY RAINFALL EVENT, TO INSURE THAT ALL CONTROLS ARE MAINTAINED AND PROPERLY FUNCTIONING. ANY DAMAGED CONTROLS SHALL BE REPAIRED PRIOR TO THE END OF THE WORKDAY INCLUDING RE-SEEDING AND MULCHING OR RE-SODDING IF NECESSARY. PERMANENTLY STABILIZED WITH VEGETATION UPON THE APPROVAL OF THE WASHINGTON D.C. BEEN STABILIZED, MECHANICAL SEDIMENT CONTROLS SHALL BE REMOVED AND THE GROUND

2. AFTER DEMOLITION OPERATIONS HAVE ENDED AND ALL DISTURBED AREAS HAVE INSPECTOR.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.

2. ALL SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN CONFORMANCE WITH THE MOST RECENT EDITION OF THE D.C. EROSION AND SEDIMENT CONTROL HANDBOOK.

3. DAILY INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES MUST BE ACCOMPLISED TO INSURE FUNCTIONING ACCORDING TO THE SPECIFICATIONS. THE SEDIMENT CONTROL INSPECTOR EPRESENTING THE DISTRICT OF COLUMBIA MAINTAINS THE AUTHORITY TO REQUIRE ADDITIONAL SEDIMENT CONTROL MEASURES AS NECESSARY TO PREVENT THE INTRODUCTION OF SEDIMENT INTO STORM DRAIN SYSTEMS OR PUBLIC SPACE.

4. ALL POINTS OF CONSTRUCTION SITE INGRESS AND EGRESS WILL BE PROTECTED BY A STABILIZED CONSTRUCTION ENTRANCE TO PREVENT TRACKING OF MUD ONTO PUBLIC STREETS. ALL VEHICLES MUST EXIT THROUGH THE STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK AND BE CLEANED BEFORE ENTERING A PUBLIC STREET. THE AREA MAY BE CONSTRUCTED OF RUBBLE OR OTHER HARD POROUS MATERIAL. A WORKING WATER HOSE MUST BE LOCATED IN THE AREA DURING ALL CONSTRUCTION ACTIVITY.

5. NO WATER WILL BE PUMPED TO THE STORM DRAIN SYSTEM WITHOUT THE CONSENT OF THE SEDIMENT CONTROL INSPECTOR.

6. ALL DEMOLISHED/DELETERIOUS MATERIALS WILL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN A LEGAL MANNER.

7. ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.

8. ALL CATCH BASINS AND DRAINS LOCATED DOWNSTREAM FROM THE PROJECT SITE WILL BE PROTECTED DURING EXCAVATION OR CONSTRUCTION.

9. IF ANY CATCH BASIN OR DRAIN BECOMES CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS CLEANING.

10. WHEN DEBRIS IN THE SEDIMENT TANK HAS REACHED 67% CAPACITY, REMOVE THE DEBRIS AND DISPOSE OF BY SPREADING ON THE PROJECT SITE OR DISPOSING OFFSITE.

11. ANY STOCKPIILING, REGARDLESS OF LOCATION, SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS AFTER ITS ESTABLISHMENT AND FOR THE DURATION OF THE PROJECT. SEDIMENT CONTROL MEASURES MUST BE APPLIED TO PROTECT THE REMAINDER OF THE SITE.

12. AFTER A RAZE OR DEMOLITION, THERE IS THE NEED FOR GROUND COVER SUCH AS SEED, SOD, PAVEMENT, BRICKBAT, OR MULCH TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING.

13. CONTAMINATED SOILS MUST BE DISPOSED OF AT A LICENSED DISPOSAL FACILITY EQUIPPED TO ACCEPT CONTAMINATED MATERIALS.

14. CONTAMINATED GROUNDWATER (OR RAINWATER THAT HITS CONTAMINATED SOIL) MUST BE TREATED ACCORDING TO DC WATER'S DISCHARGE REQUIREMENTS. CONTACT ELAINE WILSON AT DC WATER TO COORDINATE A TEMPORARY DISCHARGE PERMIT AT (202) 787-4177.

15. REUSE OF CONTAMINATED SOIL ONSITE IS NOT ALLOWED

16. ADDITIONAL REMEDIATION AND CONTAMINANT PROCEDURES ARE DEFINED IN THE INCLUDED EISF.

DUST CONTROL NOTES

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE AS TO MINIMIZE THE CREATION AND DISPERSIONS OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT SITE.

2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.

3. THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.

4. THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL 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.

5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:

A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE;
B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER.
C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8 KPa) MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.

6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:

A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES;
B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING;
C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.

44.0 STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

Definition
Controlling dust blowing and movement on construction sites and roads.

Purpose
To prevent blowing and movement of dust from exposed soil surfaces, reduce on and off-site damage, health hazards, and improve traffic safety.

Conditions Where Practice Applies
This practice is applicable to areas subject to dust blowing and movement where on and off-site damage is likely without treatment.

Specifications

Temporary Methods:

A. Mulches – See standards for critical area stabilization with mulches only. Chemical or wood cellulose fiber binders may be used instead of asphalt to bind mulch material.

B. Vegetative Cover – See standards for temporary vegetative cover.

C. Spray-on Adhesives – On mineral soils (not effective on muck soils). Keep traffic off these areas.

Water Dilution	Type of Nozzle	Apply Gallons/Ac.			
Anionic asphalt emulsion	7:1	Coarse Spray	1,200		
Latex emulsion	12.5:1	Fine Spray	235		
Resin-in-water emulsion	4:1	Fine Spray	300		

D. Tillage – To roughen surface and bring clods to the surface. This is an emergency measure which should be used before soil blowing starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12" apart, spring-toothed harrows, and similar plows are examples of equipment which may produce the desired effect.

E. Irrigation – This is generally done as an emergency treatment. Site is sprinkled with water until the surface is moist. Repeat as needed.

F. Barriers – Solid board fences, snow fences, burlap fences, crate walls and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 10 times their height are effective in controlling soil blowing.

G. Calcium Chloride – Apply at rate that will keep surface moist. May need retreatment.

Permanent Methods:

A. Permanent Vegetation – See standards for permanent vegetative cover, and permanent stabilization with sod. Existing trees or large shrubs may afford valuable protection if left in place.

B. Topsoiling – Covering with less erosive soil materials. See standards for topsoiling.

C. Stone – Cover surface with crushed stone or coarse gravel.

References:

1. Agriculture Handbook 346. Wind Erosion Forces in the United States and Their use in Predicting Soil Loss.

2. Agriculture Information Bulletin 354. How to Control Wind Erosion, USDA-ARS.

SEQUENCE OF CONSTRUCTION

CONTRACTOR SHALL ENSURE ALL NECESSARY PERMITS HAVE BEEN OBTAINED AND CONDUCT A PRE-CONSTRUCTION MEETING WITH D.C. INSPECTOR PRIOR TO START OF ANY LAND DISTURBANCE ACTIVITIES.

1. INSTALL PEDESTRIAN AND VEHICULAR CONTROL MEASURES PRIOR TO ANY CONSTRUCTION ACTIVITY, AS SHOWN ON THIS PLAN.

2. INSTALL SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN.

3. BEGIN SIDEWALK REMOVAL OPERATIONS.

4. REMOVE DEMOLISHED MATERIAL TO AN OFFSITE LEGAL DISPOSAL SITE.

5. INSTALL WATER PROOFING MATERIALS.

6. INSTALL NEW CONCRETE SIDEWALK.

7. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN 7 CALENDAR DAYS. INSTALL TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.

8. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED BY THE CONTRACTOR ON A DAILY BASIS AND ANY DAMAGED EROSION OR SEDIMENT CONTROL DEVICE WILL BE REPAIRED BEFORE THE END OF THE WORK DAY.

9. WHEN CONSTRUCTION IS COMPLETE, STABILIZE ALL CONTRIBUTING AREAS AND OBTAIN APPROVAL OF THE D.C. INSPECTOR TO REMOVE EROSION AND SEDIMENT CONTROL MEASURES.

10. STABILIZE ALL AREAS DISTURBED BY THE REMOVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES.

2.7 MULCHING

2.7.1 DEFINITION
THE APPLICATION OF A PROTECTIVE LAYER OF MULCH OR OTHER SUITABLE MATERIAL TO THE SOIL SURFACE.

2.7.2 PURPOSE
TO PROTECT THE SOIL SURFACE FROM THE FORCES OF RAINDROP IMPACT AND OVERLAND FLOW. MULCH HELPS TO CONSERVE MOISTURE, REDUCE RUNOFF AND EROSION, CONTROL WEEDS, PREVENT SOIL CRUSTING, AND PROMOTE THE ESTABLISHMENT OF DESIRED VEGETATION. MULCH IS FREQUENTLY USED TO ACCENT LANDSCAPE PLANTINGS.

2.7.3 CONDITIONS WHERE PRACTICE APPLIES

MULCHING CAN BE USED AT ANY TIME WHERE PROTECTION OF THE SOIL SURFACE IS DESIRED. THE PRIMARY PURPOSE OF MULCHING IS TO PROTECT NEWLY SEEDED DISTURBED AREAS. HOWEVER, IT CAN ALSO BE USED FOR STAND-ALONE PROTECTION OF THE SOIL SURFACE UNDER ADVERSE WEATHER CONDITIONS WHEN SEED GERMINATION COULD BE JEOPARDIZED. MULCH MAY ALSO BE USED TOGETHER WITH PLANTINGS OF TREES, SHRUBS, OR CERTAIN GROUND COVER THAT DO NOT PROVIDE ADEQUATE SOIL STABILIZATION BY THEMSELVES.

USE MULCHING IN CONJUNCTION WITH TEMPORARY SEEDING OPERATION AS SPECIFIED IN SECTION 2.10 VEGETATIVE STABILIZATION.

2.7.4 DESIGN CRITERIA

A SURFACE MULCH IS THE MOST EFFECTIVE, PRACTICAL MEANS OF CONTROLLING RUNOFF AND EROSION ON DISTURBED LAND PRIOR TO VEGETATION ESTABLISHMENT. MULCH REDUCES SOIL MOISTURE LOSS BY EVAPORATION, PREVENTS CRUSTING AND SEALING OF THE SOIL SURFACE, MODERATES SOIL TEMPERATURES, PROVIDES A SUITABLE MICROCLIMATE FOR SEED GERMINATION, AND MAY INCREASE THE INFILTRATION RATE OF THE SOIL.

ORGANIC MULCHES SUCH AS STRAW, WOOD CHIPS, AND SHREDDED BARK HAVE BEEN FOUND TO BE THE MOST EFFECTIVE. DO NOT USE MATERIALS THAT MAY BE SOURCES OF COMPETING WEED AND GRASS SEEDS. BE AWARE THAT DECOMPOSITION OF SOME WOOD PRODUCTS CAN TIE UP SIGNIFICANT AMOUNTS OF SOIL NITROGEN, MAKING IT NECESSARY TO MODIFY FERTILIZATION RATES OR ADD FERTILIZER WITH THE MULCH.

VARIOUS TYPES OF NETTING MATERIALS ARE AVAILABLE TO ANCHOR ORGANIC MULCHES. CHEMICAL SOIL STABILIZERS OR SOIL BINDERS ARE LESS EFFECTIVE THAN OTHER TYPES OF MULCHES WHEN USED ALONE. THESE PRODUCTS ARE PRIMARILY USEFUL FOR TACKING WOOD FIBER MULCHES.

CHOOSE MATERIALS FOR MULCHING BASED ON SOIL CONDITIONS, SEASON, TYPE OF VEGETATION, AND SIZE OF THE AREA. A PROPERLY APPLIED AND TACKED MULCH IS ALWAYS BENEFICIAL. IT IS ESPECIALLY IMPORTANT WHEN CONDITIONS FOR GERMINATION ARE NOT OPTIMUM, SUCH AS MIDSUMMER AND EARLY WINTER, AND ON DIFFICULT AREAS SUCH AS CUT SLOPES AND SLOPES WITH SOUTHERN EXPOSURES.

MULCH MATERIALS

1. STRAW MUST BE UNROTTED SMALL GRAIN STRAW. MULCH MATERIALS MUST BE RELATIVELY FREE OF WEEDS AND MUST BE FREE OF NOXIOUS WEEDS SUCH AS THISTLES, JOHNSONGRASS, AND QUACKGRASS. SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY. STRAW CAN BE WINDBLOWN AND MUST BE ANCHORED DOWN BY AN ACCEPTABLE METHOD.

2. WOOD CHIPS ARE PARTICULARLY WELL SUITED FOR UTILITY AND ROAD RIGHTS-OF-WAY, AS WELL AS AREAS THAT WILL NOT BE CLOSELY MOWED OR AROUND ORNAMENTAL PLANTINGS. WOOD CHIPS DO NOT REQUIRE TACKING. BECAUSE THEY DECOMPOSE SLOWLY, THEY MUST BE TREATED WITH 12 POUNDS OF NITROGEN PER TON TO PREVENT NUTRIENT DEFICIENCY IN PLANTS. MULCH CAN BE INEXPENSIVE IF CHIPS ARE OBTAINED FROM TREES CLEARED ON THE SITE.

3. WOOD FIBER CONSISTS OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE. IT IS USED IN HYDROSEEDING OPERATIONS AND APPLIED AS PART OF A SLURRY. IT CREATES THE BEST SEED-SOIL CONTACT WHEN APPLIED OVER TOP OF (AS A SEPARATE OPERATION) NEWLY SEEDED AREAS. THESE FIBERS DO NOT REQUIRE TACKING, ALTHOUGH TACKING AGENTS OR BINDERS ARE SOMETIMES USED IN CONJUNCTION WITH THE APPLICATION OF FIBER MULCH. THE FOLLOWING CONDITIONS APPLY TO WOOD FIBER:

(a) WOOD FIBER IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION OF THE UNIFORMLY SPREAD SLURRY.
(b) WOOD FIBER, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING FACTORS.
(c) WOOD FIBER MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, FERTILIZER, AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY. THE MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES, AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.
(d) WOOD FIBER MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTOTOXIC.
(e) WOOD FIBER MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER LENGTH OF APPROXIMATELY 10 MILLIMETERS, DIAMETER OF APPROXIMATELY 1 MILLIMETER, PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6% MAXIMUM, AND WATER HOLDING CAPACITY OF 90% MINIMUM.

2.7.5 CONSTRUCTION SPECIFICATIONS

1. PRIOR TO MULCHING, INSTALL ANY NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, CHANNELS, AND SEDIMENT TRAPS AND BASINS.
2. APPLY SEED AND SOIL AMENDMENTS AT REQUIRED RATES TO BRING THE SOIL INTO COMPLIANCE WITH THE REQUIREMENTS SET FORTH IN SECTION 2.10 VEGETATIVE STABILIZATION.
3. APPLY MULCH AT REQUIRED RATES. DEPENDING ON SITE CONDITIONS, HYDRAULICALLY APPLIED MULCHES MAY BE APPLIED IN A ONE-STEP PROCESS WHERE ALL COMPONENTS MAY BE MIXED TOGETHER IN SINGLE TANK LOADS. CONSULT WITH THE MANUFACTURER FOR FURTHER DETAILS.
(a) STRAW - APPLY STRAW MULCH OVER ALL SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE, OR 2 BALES PER 1,000 SQUARE FEET, TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY SO THAT THE SOIL SURFACE IS NOT EXPOSED.
(b) WOOD CHIPS - APPLY WOOD CHIPS AT THE RATE OF APPROXIMATELY 10-20 TONS PER ACRE OR 500 TO 900 POUNDS PER 1,000 SQUARE FEET; THE DEPTH SHOULD BE 2 TO 7 INCHES.
(c) WOOD CELLULOSE FIBER - APPLY WOOD CELLULOSE FIBER AT A DRY WEIGHT RATE OF 2,000 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER. WOOD CELLULOSE FIBER IS NOT TYPICALLY USED ON SLOPES STEEPER THAN 5%. FOR STEEPER SLOPES, APPLY AT RATES OR IN CONJUNCTION WITH TACKIFIERS PER MANUFACTURER'S SPECIFICATIONS BASED ON SLOPE AND OTHER SITE CHARACTERISTICS. IN HYDROSEEDING OPERATIONS, A GREEN DYE ADDED TO THE SLURRY ASSURES A UNIFORM APPLICATION.
4. ANCHOR MULCH IMMEDIATELY FOLLOWING APPLICATION TO MINIMIZE LOSS BY WIND OR WATER. DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD, USE ONE OF THE FOLLOWING METHODS:
(a) MULCH ANCHORING TOOL - A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.
(b) LIQUID MULCH BINDERS - APPLICATION OF LIQUID MULCH BINDERS AND TACKIFIERS SHOULD BE HEAVIEST AT THE EDGES OF AREAS AND AT CRESTS OF RIDGES AND BANKS TO RESIST WIND. APPLY BINDER UNIFORMLY TO THE REST OF THE AREA. BINDERS MAY BE APPLIED AFTER MULCH IS SPREAD, OR IT MAY BE SPRAYED INTO THE MULCH AS IT IS BEING BLOWN ONTO THE SOIL. APPLYING STRAW AND BINDER TOGETHER IS THE MOST EFFECTIVE METHOD.
(c) SYNTHETIC BINDERS - SYNTHETIC BINDERS MUST FOLLOW THE APPLICATION RATES SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.
(d) NETTING - LIGHTWEIGHT PLASTIC, COTTON, JUTE, WIRE, OR PAPER NETS MAY BE STAPLED OVER THE MULCH ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
(e) MATS - MATS PROMOTE SEEDLING GROWTH IN THE SAME WAY AS ORGANIC MULCHES. THEY ARE VERY USEFUL IN ESTABLISHING GRASS IN CHANNELS AND WATERWAYS. A WIDE VARIETY OF SYNTHETIC AND ORGANIC MATERIALS ARE AVAILABLE. "EXCELSIOR" IS A WOOD FIBER MAT THAT SHOULD NOT BE CONFUSED WITH WOOD FIBER SLURRY (SEE SECTION 2.9 ROLLED EROSION CONTROL PRODUCTS).
5. WHEN INSTALLING NETS AND MATS, IT IS CRITICAL TO OBTAIN A FIRM, CONTINUOUS CONTACT BETWEEN THE MATERIAL AND THE SOIL. WITHOUT SUCH CONTACT, THE MATERIAL IS USELESS, AND EROSION WILL OCCUR UNDERNEATH. ANY MAT OR BLANKET-TYPE PRODUCT USED AS A PROTECTIVE MULCH SHOULD PROVIDE COVER OF AT LEAST 30% OF THE SURFACE WHERE IT IS APPLIED.
(a) APPLY LIME, FERTILIZER, AND SEED BEFORE LAYING THE NET OR MAT.
(b) START LAYING THE NET FROM THE TOP OF THE SLOPE AND UNROLL IT DOWN THE GRADE. ALLOW NETTING TO LAY LOOSELY ON THE SOIL OR MULCH COVER BUT WITHOUT WRINKLES-DO NOT STRETCH.
(c) TO SECURE THE NET, BURY THE UPSLOPE END IN A SLOT OR TRENCH NO LESS THAN 6 INCHES DEEP, COVER WITH SOIL, AND TAMP FIRMLY. STAPLE THE NET EVERY 12 INCHES ACROSS THE TOP END AND EVERY 3 FEET ALONG THE EDGES AND BOTTOM. WHERE 2 STRIPS OF NET ARE LAID SIDE BY SIDE, OVERLAP THE ADJACENT EDGES 3 INCHES AND STAPLE TOGETHER. EACH STRIP OF NETTING SHOULD ALSO BE STAPLED DOWN THE CENTER, EVERY 3 FEET. DO NOT STRETCH THE NET WHEN APPLYING STAPLES.
(d) TO JOIN TWO STRIPS, CUT A TRENCH TO ANCHOR THE END OF THE NEW NET. OVERLAP THE END OF THE PREVIOUS ROLL 18 INCHES, AND STAPLE EVERY 12 INCHES JUST BELOW THE ANCHOR SLOT.

2.7.6 MAINTENANCE

PERIODICALLY INSPECT ALL MULCHES AND SOIL COVERINGS TO CHECK FOR EROSION, PARTICULARLY AFTER PRECIPITATION EVENTS. WHERE EROSION IS OBSERVED IN MULCHED AREAS, APPLY ADDITIONAL MULCH. INSPECT NETS AND MATS AFTER RAINSTORMS FOR DISLOCATION OR FAILURE. IF WASHOUTS OR BREAKAGE OCCUR, REINSTALL NETTING OR MATTING AS NECESSARY AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH. INSPECTIONS SHOULD TAKE PLACE UNTIL GRASSES ARE FIRMLY ESTABLISHED. WHERE MULCH IS USED IN CONJUNCTION WITH ORNAMENTAL PLANTINGS, INSPECT PERIODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MULCH IS MAINTAINING COVERAGE OF THE SOIL SURFACE; REPAIR AS NEEDED.

2.10 VEGETATIVE STABILIZATION

2.10.1 DEFINITION

USING VEGETATION AS COVER FOR BARREN SOIL TO PROTECT IT FROM FORCES THAT CAUSE EROSION. THIS SPECIFICATION INCLUDES BOTH TEMPORARY AND PERMANENT STABILIZATION.

2.10.2 PURPOSE

USE VEGETATIVE STABILIZATION SPECIFICATIONS TO PROMOTE THE ESTABLISHMENT OF VEGETATION ON EXPOSED SOIL. WHEN SOIL IS STABILIZED WITH VEGETATION, THE SOIL IS LESS LIKELY TO ERODE AND MORE LIKELY TO ALLOW INFILTRATION OF RAINFALL, THEREBY REDUCING SEDIMENT LOADS AND RUNOFF TO DOWNSTREAM AREAS AND IMPROVING WILDLIFE HABITAT AND VISUAL RESOURCES.

2.10.3 CONDITIONS WHERE PRACTICE APPLIES

USE THIS PRACTICE ON DENUDED AREAS AS SPECIFIED ON THE ESC AND SWM PLANS. IT MAY BE USED ON HIGHLY ERODIBLE OR CRITICALLY ERODING AREAS. THIS SPECIFICATION IS DIVIDED INTO TEMPORARY SEEDING, TO QUICKLY ESTABLISH VEGETATIVE COVER FOR SHORT DURATION (UP TO ONE YEAR), AND PERMANENT SEEDING, FOR LONG-TERM VEGETATIVE COVER. EXAMPLES OF APPLICABLE AREAS FOR TEMPORARY SEEDING ARE: TEMPORARY SOIL STOCKPILES, CLEARED AREAS BEING LEFT IDLE BETWEEN CONSTRUCTION PHASES, AND EARTH DIKES OR OTHER TEMPORARY EROSION CONTROL MEASURES. EXAMPLES OF PERMANENT SEEDING INCLUDE LAWNS, DAMS, CUT AND FILL SLOPES, AND OTHER AREAS AT FINAL GRADE.

VEGETATIVE STABILIZATION MUST BE IN PLACE TO STABILIZE THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3:1 WITHIN 7 DAYS. ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE MUST BE STABILIZED WITHIN 14 DAYS.

2.10.4 DESIGN CRITERIA

DESIGN CRITERIA FOR BOTH TEMPORARY AND PERMANENT VEGETATIVE STABILIZATION INCLUDES SEED SPECIFICATIONS, SEED MIXTURES, AND SOIL AMENDMENTS.

SEED SPECIFICATIONS

FOR BOTH TEMPORARY AND PERMANENT SOIL STABILIZATION, SEED MUST MEET THE FOLLOWING SPECIFICATIONS:

ALL SEED MUST BE SUBJECT TO RETESTING BY A RECOGNIZED SEED LABORATORY WITHIN THE 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON THE SITE.

NOTE: SEED TAGS MUST BE MADE AVAILABLE TO THE INSPECTOR TO VERIFY TYPE AND RATE OF SEED USED.

SEED QUALITY MUST BE CONSISTENT WITH THE CRITERIA OUTLINED IN TABLE 2.2.

THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN-FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. DO NOT USE INOCULANTS BEYOND THE DATE INDICATED ON THE CONTAINER. ADD FRESH INOCULANT AS DIRECTED ON THE PACKAGE. USE 4 TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING.

NOTE: IT IS VERY IMPORTANT TO KEEP THE INOCULANT AS COOL AS POSSIBLE UNTIL IT IS USED.

TEMPERATURES ABOVE 75-80°F CAN WEAKEN BACTERIA AND MAKE THE INOCULANT LESS EFFECTIVE.

TEMPORARY STABILIZATION

USE TEMPORARY SEEDING TO PROVIDE COVER ON DISTURBED AREAS FOR UP TO 12 MONTHS. LONGER DURATION OF VEGETATIVE COVER REQUIRES PERMANENT SEEDING. INCLUDE IN THE PLAN THE FOLLOWING TEMPORARY SEEDING SUMMARY (TABLE 2.3) THAT IDENTIFIES TEMPORARY SEEDING MATERIALS RATES, SPECS, AND FERTILIZER/LIME RATES. USE TABLE 2.4 TO COMPLETE THE SUMMARY TABLE. IF TABLE 2.3 IS NOT PUT ON THE PLANS AND COMPLETED, THEN TABLE 2.4 MUST BE PUT ON THE PLANS.
SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING, BUT THE PLAN SHOULD IDENTIFY RECOMMENDED FERTILIZER AND/OR LIME APPLICATION RATES. IF SOIL TESTING IS COMPLETED, REPORT THE TESTING AGENCY'S RESULTS ON THE PLANS. IF A SOIL TEST HAS BEEN PERFORMED, DELETE THE RATES SHOWN IN TABLE 2.3 AND WRITE IN THE RATES RECOMMENDED BY THE TESTING AGENCY.

Temporary Seeding Summary

Species	Seeding Rate (lb/ac)	Seeding Rate (lb/1000sf)	Seeding Date (indicate units)	Seeding Depth	Fertilizer Rate (10-10-10)	Lime Rate
	Seed Mixture					
Annual Ryegrass	40	1.0	Feb 15 to Apr 30 Aug 15 to Nov 30	0.5		
Bar

DDOT NOTES

1. DDOT RESERVES THE RIGHT TO MODIFY OR ADJUST CONSTRUCTION HOURS BASED UPON CURRENT CONDITIONS
2. EXTENDED DAYTIME WORK HOURS AND TRUCK DELIVERIES HOURS ARE 7:00AM–3:30PM MONDAY – FRIDAY (PLEASE NOTE CONSTRUCTION WORK SHOULD NOT BE PERFORMED ON WEEKENDS OR WEEKDAYS DURING PEAK TRAFFIC VOLUMES)
3. THE CONTRACTOR SHALL NOTIFY ANC, BUSINESSES, AND RESIDENTS 72HRS, PRIOR TO OCCUPYING PUBLIC SPACE
4. PARKING SHALL BE RESTRICTED IN ADVANCE: EMERGENCY NO PARKING SIGNS MUST BE POSTED AT LEAST 72 HOURS PRIOR TO OCCUPYING PUBLIC SPACE IN RESIDENTIAL AREA AND 24 HOURS IN BUSINESS DISTRICT.
5. THE CONTRACTOR SHALL COORDINATE THEIR MAINTENANCE OF TRAFFIC WORK WITH OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME GENERAL LOCATION TO MAINTAIN CONTINUITY OF TRAFFIC FLOW AND MINIMIZE CONGESTION AND TO PROVIDE SAFE TRAFFIC ACTIVITY FOR VEHICLES AND PEDESTRIANS
6. DO NOT BLOCK FIRE HYDRANT, BUS STOP, PARKING METERS (WITHOUT PAYMENT), AND IMPORTANT UTILITY STRUCTURE. IF BUS STOP OR METRO RAIL ENTRANCE IS AFFECTED, PERMIT HOLDER MUST CONTACT AND COORDINATE WITH WMATA AND PARKING METER OFFICIALS PRIOR TO THE START OF THE PROJECT.
7. ALLEYS SHALL REMAIN OPEN IF IT PROVIDES ACCESS FOR TRASH COLLECTION AND PUBLIC SERVICE ACTIVITIES. IF ALLEY WILL BE CLOSED FIRE DEPARTMENT APPROVAL MUST BE RECEIVED BY APPLICANT FROM FIRE MARSHAL BEFORE START OF ALLEY CLOSURE. DDOT ALSO SHOULD BE INFORMED BY THE CONTRACTOR BEFORE START OF ALLEY CLOSURE
8. NO WORK IN PUBLIC SPACE DURING RUSH HOUR. WORK HOURS SHALL BE FROM 9:30AM TO 3:30PM MON. TO FRI, – PLEASE COORDINATE REQUIREMENTS WITH WMATA PRIOR TO START OF WORK FOR AFFECTED BUS STOP TEMP RE–LOCATION.
9. CONTRACTOR SHOULD MINIMIZE TRAFFIC IMPACT AS MUCH AS POSSIBLE. LIMIT TWO LANE CLOSURE TO ONLY WHEN STRICTLY NECESSARY AND FOR AS SHORT A TIME AS POSSIBLE.
10. PROVIDE AND MAINTAIN A SAFE ACCESS FOR PEDESTRIANS. ALL TEMPORARY PATHWAYS SHALL BE CLEARLY IDENTIFIED, WHEELCHAIR USEABLE, PROTECTED FROM MOTOR VEHICLE TRAFFIC WITH JERSEY BARRIER, AND FREE OF PEDESTRIAN HAZARDS (HOLES, DEBRIS, DUST, MUD ETC.).
11. CONTRACTOR SHALL PROVIDE FLAGGING OPERATIONS FOR CONDITIONS DEEMED NECESSARY BY SELF OR DDOT.
12. ALL FLAGGERS MUST BE CERTIFIED AND HAVE THEIR CERTIFICATION CARD IN THEIR POSSESSION WHEN FLAGGING. THEY SHALL BE EQUIPPED WITH SAFETY VESTS, HARD HATS, HAND SIGNALING DEVICES, AND ELECTRONIC DEVICES FOR COMMUNICATION.
13. CONTRACTOR MUST COORDINATE WITH LOCAL ONGOING CONSTRUCTION WORK IN PUBLIC SPACE TO PROVIDE SAFE PASSAGE OF VEHICLE AND PEDESTRIAN TRAFFIC.
14. PROPER TRAFFIC CONTROL SIGNS AND DEVICES FOR ROADWAY AND SIDEWALK CLOSURE MUST BE SET UP AT ALL TIMES DURING CONSTRUCTION.
15. ALL POSTED SIGNS SHALL BE REMOVED AFTER COMPLETION OF CONSTRUCTION ACTIVITIES.
16. ALL TRENCHES IN ROADWAY MUST BE BACKFILLED OR SECURE WITH STEEL PLATES AT THE END OF WORK DAY.
17. CONTRACTOR SHALL INSTALL "STEEL PLATE AHEAD" SIGNS WHEREVER STEEL PLATES HAVE BEEN INSTALLED.

FLAGGING OPERATIONS

THE CONTRACTOR SHALL PROVIDE QUALIFIED FLAGGERS AS NEEDED. ALL FLAGGERS MUST BE CERTIFIED AND HAVE THEIR CERTIFICATION CARD IN THEIR POSSESSION WHEN FLAGGING. THEY SHALL BE EQUIPPED WITH SAFETY VESTS, HARD HATS, HAND SIGNALING DEVICES, AND ELECTRONIC DEVICES FOR COMMUNICATION. FLAGMEN SHALL COORDINATE SIGNAL OPERATIONS.

SIGN SPACING

SIGN SPACING SHALL BE ADJUSTED TO AVOID CONFLICT WITH THE EXISTING PERMANENT SIGNAGE
ALL SIGNS INSTALLED ABOVE SIDEWALKS SHALL HAVE A CLEARANCE FROM THE BOTTOM OF SIGN TO SIDEWALK OF 7 FEET.

SEQUENCE OF CONSTRUCTION

CONTRACTOR SHALL ENSURE ALL NECESSARY PERMITS HAVE BEEN OBTAINED AND CONDUCT A PRE–CONSTRUCTION MEETING WITH D.C. INSPECTOR PRIOR TO START OF ANY LAND DISTURBANCE ACTIVITIES.

1. INSTALL PEDESTRIAN AND VEHICULAR CONTROL MEASURES PRIOR TO ANY CONSTRUCTION ACTIVITY, AS SHOWN ON THIS PLAN.

2. INSTALL SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN.

3. BEGIN SIDEWALK REMOVAL OPERATIONS.

4. REMOVE DEMOLISHED MATERIAL TO AN OFFSITE LEGAL DISPOSAL SITE.

5. INSTALL SECURE SIDEWALK ENCLOSURE PRIOR TO SIDEWALK DEMOLITION.

6. INSTALL WATER PROOFING MATERIALS.

7. INSTALL NEW CONCRETE SIDEWALK.

8. NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN 7 CALENDAR DAYS. INSTALL TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.

9. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED BY THE CONTRACTOR ON A DAILY BASIS AND ANY DAMAGED EROSION OR SEDIMENT CONTROL DEVICE WILL BE REPAIRED BEFORE THE END OF THE WORK DAY.

10. WHEN CONSTRUCTION IS COMPLETE, STABILIZE ALL CONTRIBUTING AREAS AND OBTAIN APPROVAL OF THE D.C. INSPECTOR TO REMOVE EROSION AND SEDIMENT CONTROL MEASURES.

11. STABILIZE ALL AREAS DISTURBED BY THE REMOVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES.

CONTRACTOR NOTES

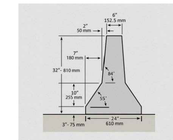
1. ALL WORK SHALL CONFORM TO THE FOLLOWING STANDARDS AND SPECIFICATIONS;
   ADA STANDARDS AND SPECIFICATIONS
   DDOT STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES
   2004 DDOT "WORK AREA TRAFFIC CONTROL MANUAL"
   2011 "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"
2. BUS ROUTE TRAVEL LANES SHALL BE A MINIMUM 11 FEET IN WIDTH. OTHERWISE LANES SHALL BE MINIMUM 10 FEET.
3. CONTRACTOR WILL MINIMIZE THE DISRUPTION TO SURROUNDING ON STREET PARKING AREA'S BY MINIMIZING THE SIZE OF THE WORK ZONE.
4. CONTRACTOR WILL MAINTAIN ACCESS TO ALL SURROUNDING BUILDINGS AND DRIVEWAYS.
5. ALL VEHICLES, EQUIPMENT AND PERSONNEL WILL BE RESTRICTED FROM OCCUPYING THE EXISTING TRAVEL LANES EXCEPT WITHIN THE WORK AREA AS SHOWN ON THESE PLANS.
6. CONTRACTOR WILL BE REQUIRED TO MODIFY THESE PLANS IF REQUESTED BY THE INSPECTOR.
7. PEDESTRIAN DETOUR WILL BE INSTALLED IN ITS ENTIRETY PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT OF WAY.
8. DUMPSTERS ARE NOT ALLOWED ON THE PAVED ROADWAY DURING AM RUSH HOUR.
9. PARKING SHALL BE RESTRICTED 72 HOURS IN ADVANCE UNLESS THERE IS AN EMERGENCY.
10. SIGNS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF WORK AND REMOVED IMMEDIATELY AFTER COMPLETION OF ACTIVITIES.
11. SIGNS NO LONGER REQUIRED SHALL BE REMOVED.

VEHICULAR/PEDESTRIAN NOTES

1. ALL EXISTING ROADWAY SIGNS, PARKING METERS, AND TRAFFIC CONTROLS ARE TO REMAIN OPERATIONAL AND VISIBLE DURING ALL PHASES OF CONSTRUCTION UNLESS OTHERWISE NOTED.
2. PEDESTRIAN THRUWAY TRAFFIC AND ACCESS TO ALL BUILDINGS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE THE APPROPRIATE PROTECTIONS INCLUDING PEDESTRIAN SAFETY AND DIRECTIONAL SIGNS DURING ALL PHASES OF DEMOLITION/CONSTRUCTION.
3. ALL WORK WITHIN EXISTING ROADWAY AREAS SHALL BE PROPERLY CORDONED OFF WITH THE APPROPRIATE SAFETY AND TRAFFIC CONTROLS IN ACCORDANCE WITH THE CURRENT "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICE (MUTCD) STANDARDS.
4. SURROUNDING FACILITIES ARE TO REMAIN IN OPERATION DURING CONSTRUCTION. ALL WORK SHALL BE PERFORMED IN AN EXPEDITIOUS MANNER AND SHALL BE CONDUCTED SO AS TO MINIMIZE THE DISTURBANCE TO THOSE FACILITIES.

WORK LEGEND

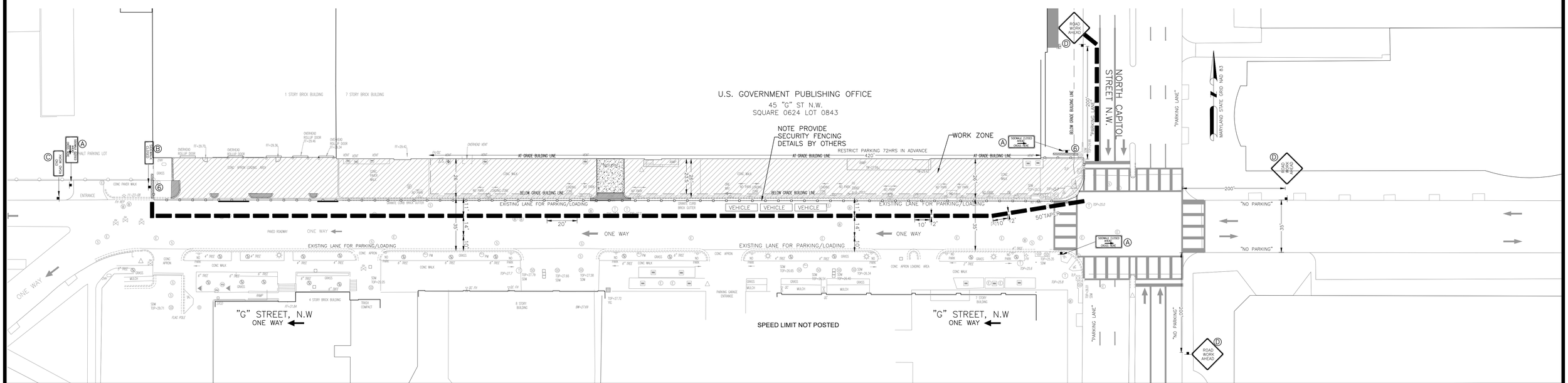
1. SIGN
2. DRUMS
3. VEHICLE — WORK ZONE VEHICLE
4. EXISTING DIRECTION OF TRAVEL
5. WORK ZONE
6. TYPE III BARRICADE



JERSEY BARRIERS

SIGN LEGEND

R9–11 24"X30"	SIDEWALK CLOSED AHEAD CROSS HERE	A
R9–9 24"X18"	SIDEWALK CLOSED	B
G20–2A 36"X18"	END ROAD WORK	C
W20–1 48"X48"	ROAD WORK AHEAD	D



TEMPORARY TRAFFIC CONTROL PLAN

SCALE 1"=30'

THIS MAINTENANCE OF TRAFFIC PLAN IS DESIGNED ACCORDING TO "DDOT WORK ZONE TEMPORARY TRAFFIC CONTROL MANUAL" STANDARD FIGURE 9-4 FOR PARKING LANE CLOSURE

CONTRACTOR WILL MINIMIZE DISRUPTION TO PEDESTRIAN AND VEHICULAR TRAFFIC BY MINIMIZING THE SIZE OF THE WORK ZONE THAT CAN BE ACCOMPLISHED ON A DAILY BASIS.

CONTRACTOR WILL MAINTAIN ADA ACCESSIBILITY TO ALL BUILDING ENTRANCES AND DRIVEWAYS.

MOT DURATION = 6 MONTHS
WORKING HOURS 9:30AM – 3:30AM
EXTENDED HOURS 7:00AM – 3:30AM

NO	DATE	SUBMITTALS/REVISIONS	BY

Civil Engineer
Dewberry®
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337–2851 FAX: (301) 258–7607
Contact: C. Peter Okafor, PE, Associate Vice President

DISTRICT OF COLUMBIA CHRONOUDEMETRIOS OKAFOR REGISTERED PROFESSIONAL ENGINEER
Expiration Date: August 31, 2020

Owner

Architect

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft

SCALE: AS SHOWN
DESIGN: ROY E. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

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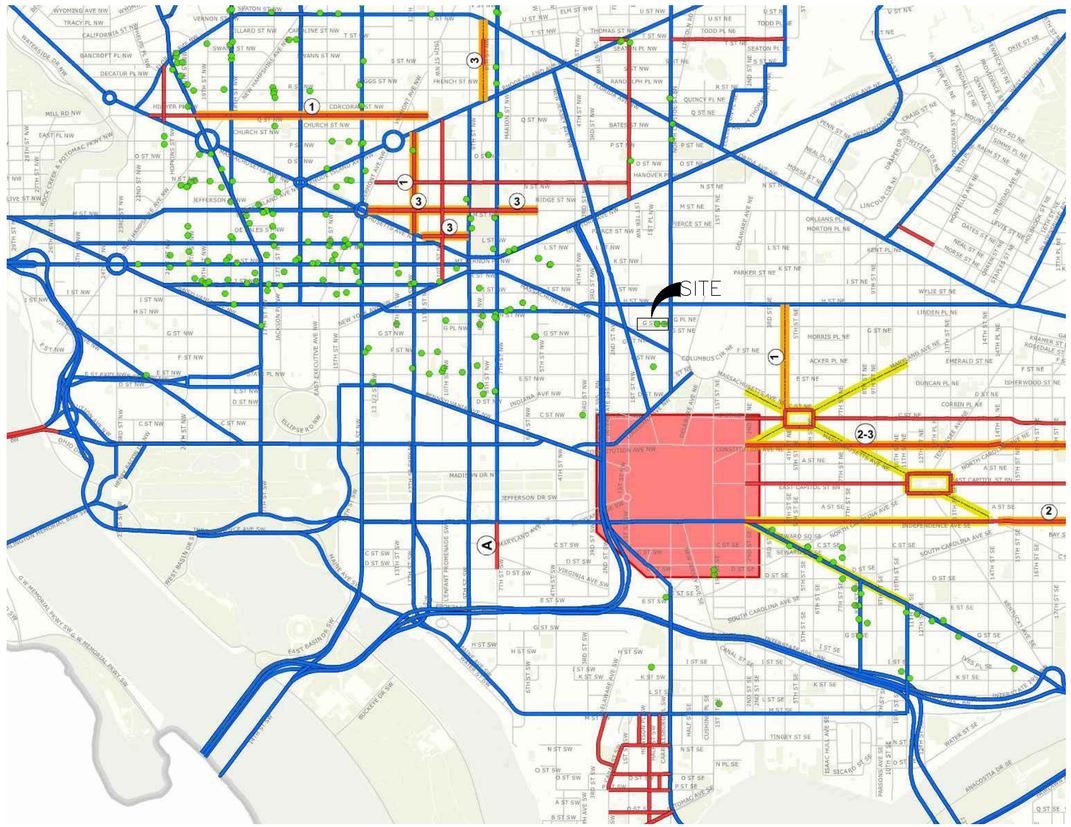
TEMPORARY TRAFFIC CONTROL PLAN

SHEET 7 OF 10

C007



TRUCK ROUTE MAP
NOT TO SCALE

Legend

Loading Zone

Primary Route

Charter Bus Route Only

Bus Restrictions

(1) No Buses Anytime

(2) Metro Buses Only

(3) School Buses Only

Truck Restrictions

Deliveries Only

(A) No Trucks Anytime

Restricted Truck Route Area

D.C. TEMPORARY TRAFFIC CONTROL MANUAL

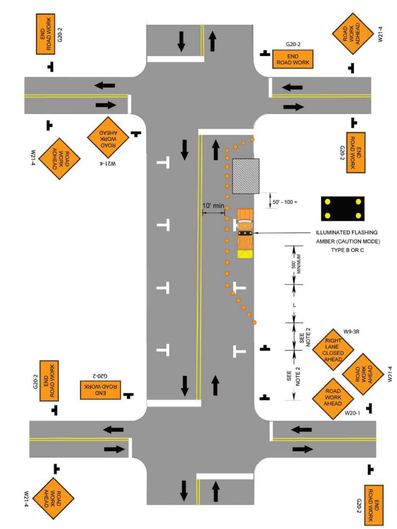


Figure 9-4. Typical Application: Moderate Duration or Stationary Operation Notes for Figure 9-5

NO	DATE	SUBMITTALS/REVISIONS	BY

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DISTRICT OF COLUMBIA · PROFESSIONAL ENGINEER · REGISTERED
Expiration Date: August 31, 2020

Owner

Architect

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft

SCALE: AS SHOWN
DESIGN: ROY E. ANCHORS
CHECKED: ALAN BARNEY, P.E.
DATE: JUNE 17, 2019

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TEMPORARY TRAFFIC CONTROL DETAILS

SHEET 8 OF 10

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