UNITED STATES GOVERNMENT PUBLISHING OFFICE

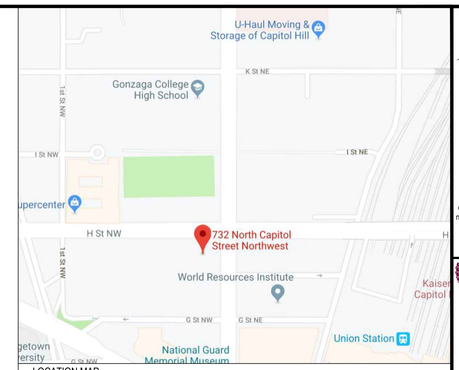
G STREET SIDEWALK REPAIRS

100% CONSTRUCTION DOCUMENTS

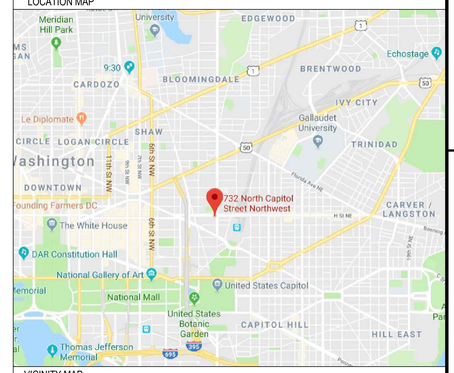
APRIL 5, 2024

PREPARED FOR

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



LOCATION MAP



VICINITY MAP

ARCHITECTURAL DRAWINGS

DRAWING NO	TITLE
G-001	COVER SHEET
G-002	STANDARD ABBREVIATIONS, LEGEND, SYMBOLS AND GENERAL NOTES
G-003	GENERAL NOTES CONTINUED
G-004	GENERAL NOTES CONTINUED
A-100	WORK AREA PLAN
A-101	SIDEWALK PLAN - EXISTING CONDITIONS
A-102	SIDEWALK PLAN - EXISTING CONDITIONS
A-103	SIDEWALK REFLECTED CEILING PLAN - EXISTING CONDITIONS
A-104	SIDEWALK PLAN - NEW CONSTRUCTION
A-105	SIDEWALK PLAN - NEW CONSTRUCTION
A-201	PARTIAL ELEVATIONS
A-301	TYPICAL CROSS SECTIONS
A-501	TYPICAL DETAILS - EXISTING CONDITIONS
A-502	DETAILS - EXISTING CONDITIONS
A-503	DETAILS - EXISTING CONDITIONS
A-504	DETAILS - EXISTING CONDITIONS
A-505	DETAILS - EXISTING CONDITIONS
A-506	DETAILS - NEW CONSTRUCTION
A-507	DETAILS - NEW CONSTRUCTION
A-508	DETAILS - NEW CONSTRUCTION
A-509	DETAILS - NEW CONSTRUCTION
A-510	DETAILS - NEW CONSTRUCTION
A-511	DETAILS - NEW CONSTRUCTION
A-512	TYPICAL DETAILS - STONE AND MORTAR REPAIRS
S-501	TYPICAL DETAILS - STRUCTURAL CONCRETE SLAB REPAIRS

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
C007	EROSION AND SEDIMENT CONTROL DETAILS
C008	EROSION AND SEDIMENT CONTROL NOTES
C009	TEMPORARY TRAFFIC CONTROL PLAN
C010	TEMPORARY TRAFFIC CONTROL DETAILS

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P: 703-383-0815 F: 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 G0x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	NONE

GRAPHIC SCALE

IF SCALE BAR IS LESS THAN 6" x 36" USE GRAPHIC SCALES

SHEET TITLE

COVER SHEET

DISTRICT OF COLUMBIA
DEREK J. ZICK
No. PE4000078
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

G-001

O:\656429\02 DESIGN\656429 G0X.DWG - 4/22/2024 9:47:56 PM - < MLF >

STANDARD LEGEND

NOTE: NOT ALL SYMBOLS NECESSARILY USED

Symbol	Description
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

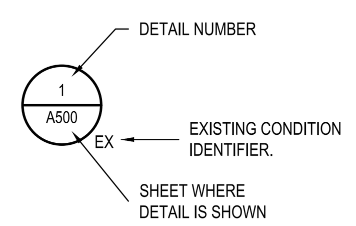
STANDARD ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS NECESSARILY USED

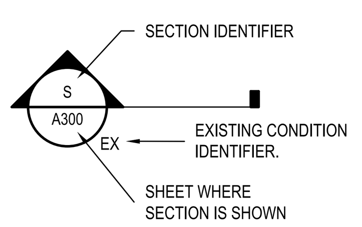
BUILDING	BLDG
BRICK MASONRY UNIT	BMU
CONCRETE MASONRY UNIT	CMU
CONCRETE	CONC
CONTINUOUS	CONT
COVER	CV
ELEVATION	EL
EQUAL	EQ
EXPANSION JOINT	EJ
EXISTING	EX
EXTERIOR	EXT
FASTENER	FRT
FOOT	FT
INCH	IN
INTERIOR	INT
INSULATION	INSUL
LADDER	LAD
MAXIMUM	MAX
MECHANICAL	MECH
MEMBRANE	MEMB
MINIMUM	MIN
METAL	MTL
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

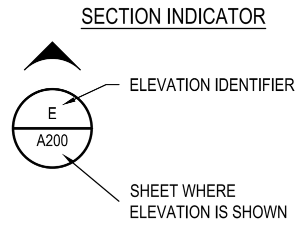
NOTE: NOT ALL SYMBOLS NECESSARILY USED



DETAIL INDICATORS



SECTION INDICATOR



ELEVATION INDICATOR

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

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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	

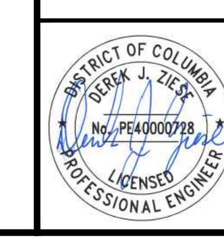
PROJECT NO.	656429
CADD FILE	656429 G0x
DESIGNED BY	WJG
DRAWN BY	MLF
CHECKED BY	DJZ
DATE	4/22/2024
DRAWING SCALE	NONE

GRAPHIC SCALE

IF BORDER IS LESS THAN 40" x 28" USE GRAPHIC SCALES

SHEET TITLE

STANDARD ABBREVIATIONS, LEGEND, SYMBOLS AND GENERAL NOTES



DRAWING NO.

G-002

O:\656429\02 DESIGN\656429 G0X.DWG • 4/22/2024 3:47:56 PM • < MLF >

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.

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 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 SCALE'S

SHEET TITLE

GENERAL NOTES (CONTINUED)

DISTRICT OF COLUMBIA
DEREK J. ZIER
No. PE4000078
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
G-003

O:\656429\02 DESIGN\656429 G0X.DWG - 4/22/2024 3:47:56 PM - MLF

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.

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 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 SCALES

SHEET TITLE

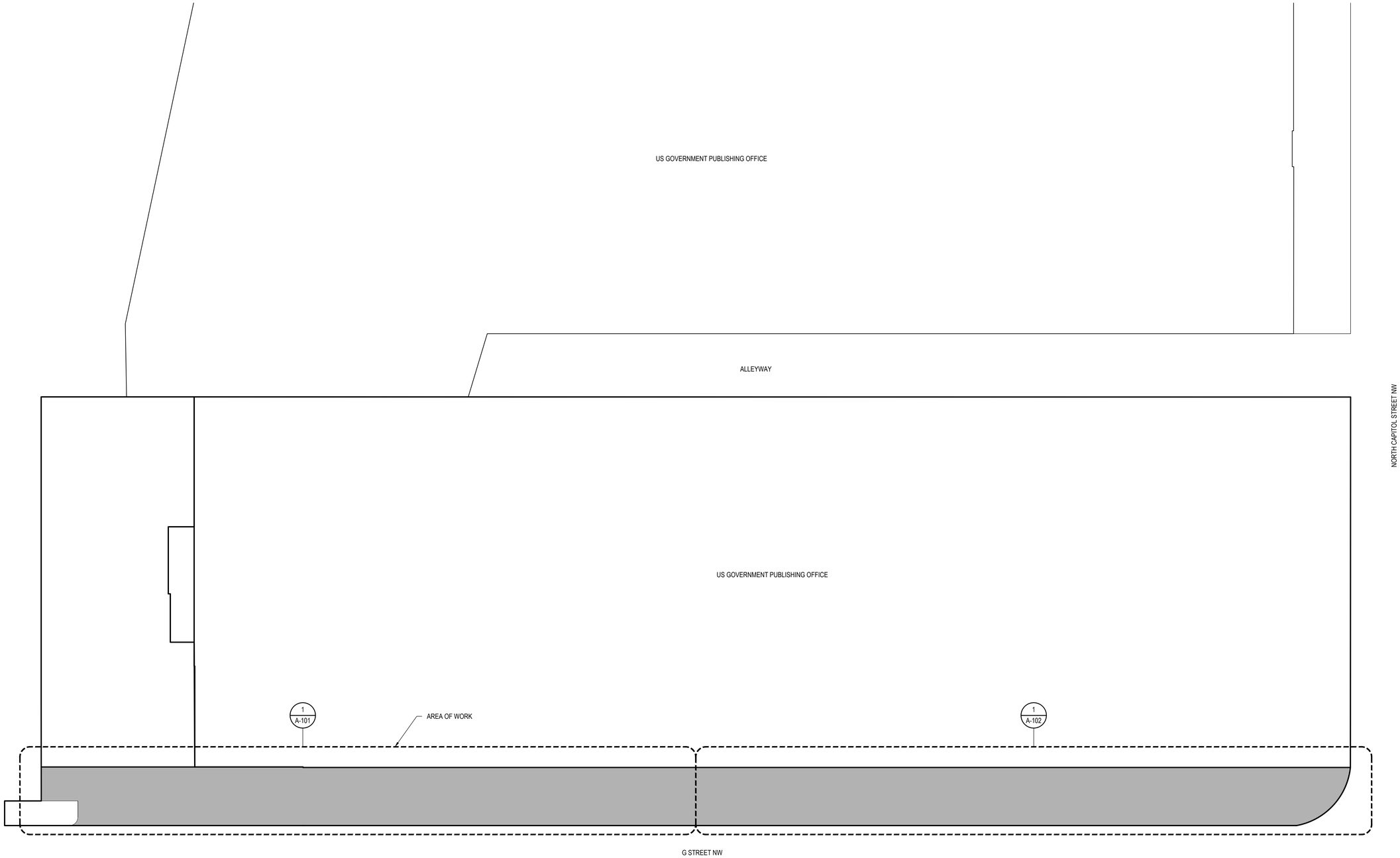
GENERAL NOTES (CONTINUED)

DISTRICT OF COLUMBIA — DEREK J. ZICK — No. PE040000718 — LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

G-004

O:\656429\02 DESIGN\656429 G0X.DWG - 4/22/2024 3:47:56 PM - < MLF >



A / A-100 WORK AREA PLAN

SCALE: N.T.S.

NORTH

GALE

Gale Associates, Inc.

Engineers Architects Planners

800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com

Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry

Dewberry Engineers Inc.

2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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	NOT TO SCALE

GRAPHIC SCALE

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

SHEET TITLE

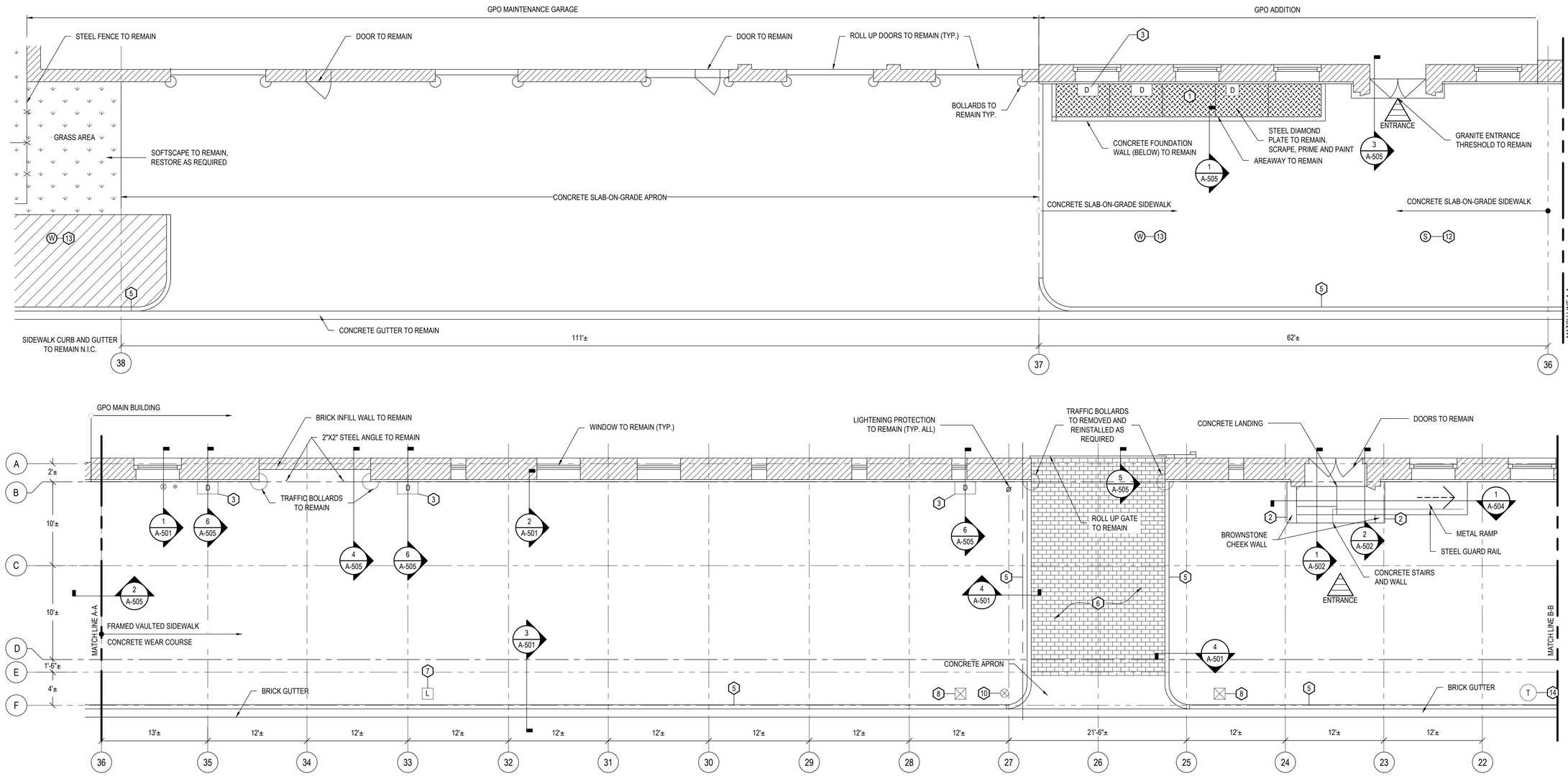
WORK AREA PLAN

DISTRICT OF COLUMBIA
DEREK J. ZAJAC
No. PE040000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-100

O:\656429\02 DESIGN\656429 A1X.DWG - 4/22/2024 3:48:01 PM - < MLF >



1 A-101 SIDEWALK PLAN - EXISTING CONDITIONS

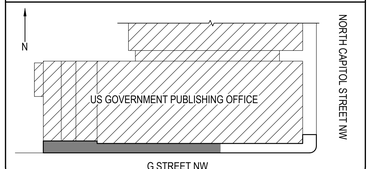
SCALE: 3/16" = 1'-0"

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

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.

NORTH

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7807

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 60" x 36" USE GRAPHIC SCALE

SHEET TITLE

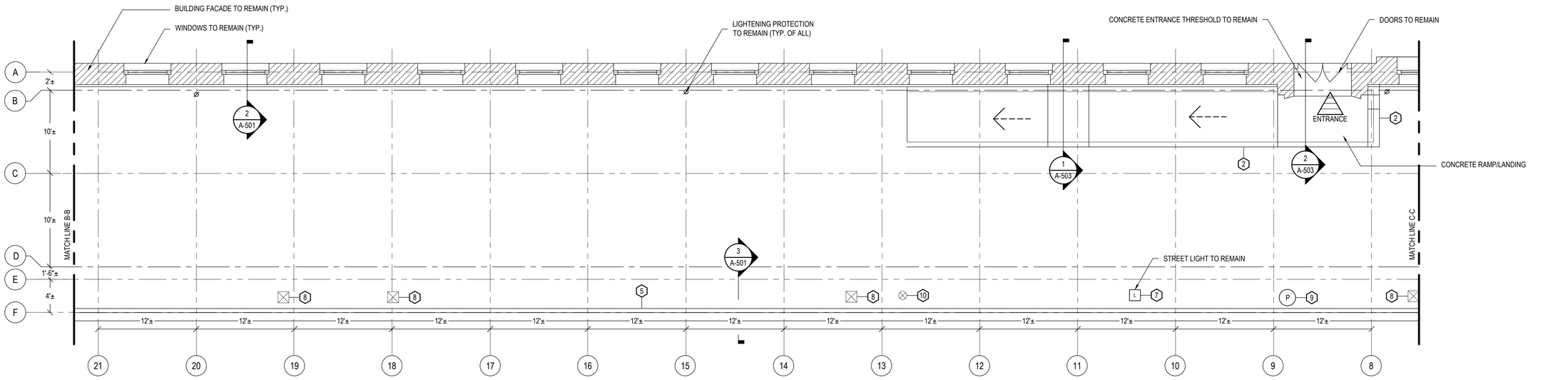
SIDEWALK PLAN EXISTING CONDITIONS

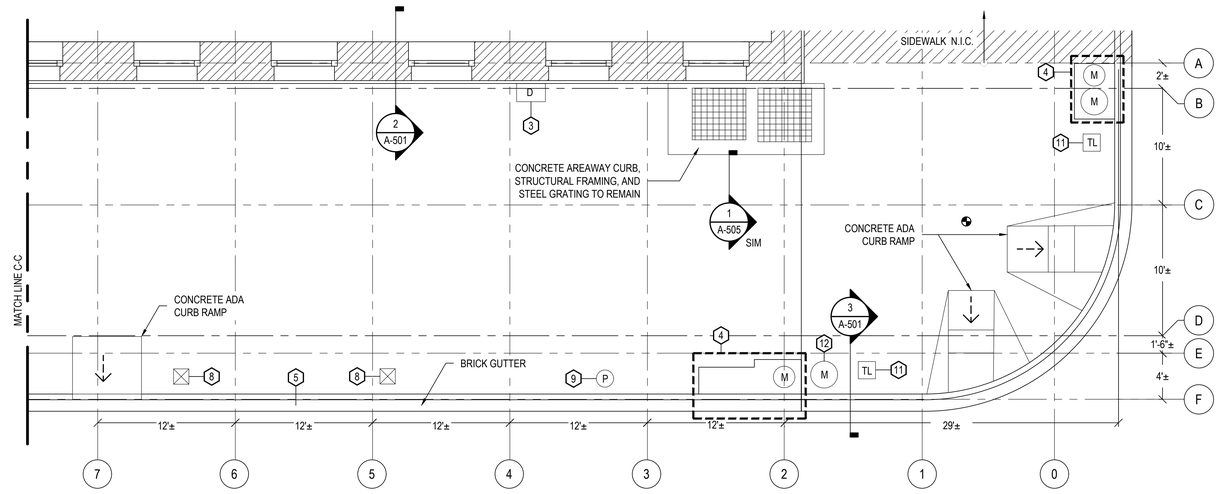
DISTRICT OF COLUMBIA
DEREK J. ZIER
No. PE4000278
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-101

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





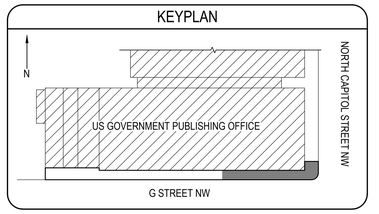
1 A-102 SIDEWALK PLAN - EXISTING CONDITIONS

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

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

NORTH

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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

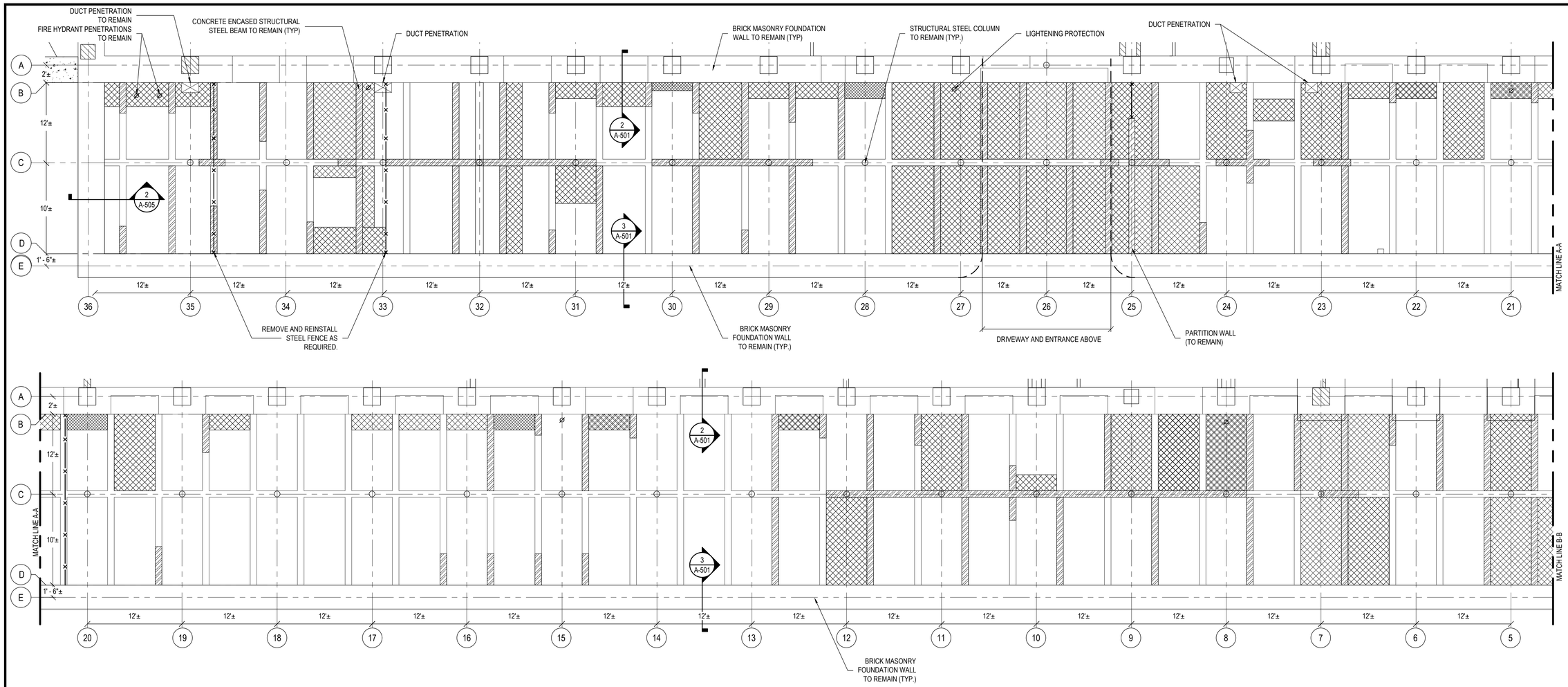
SIDEWALK PLAN EXISTING CONDITIONS

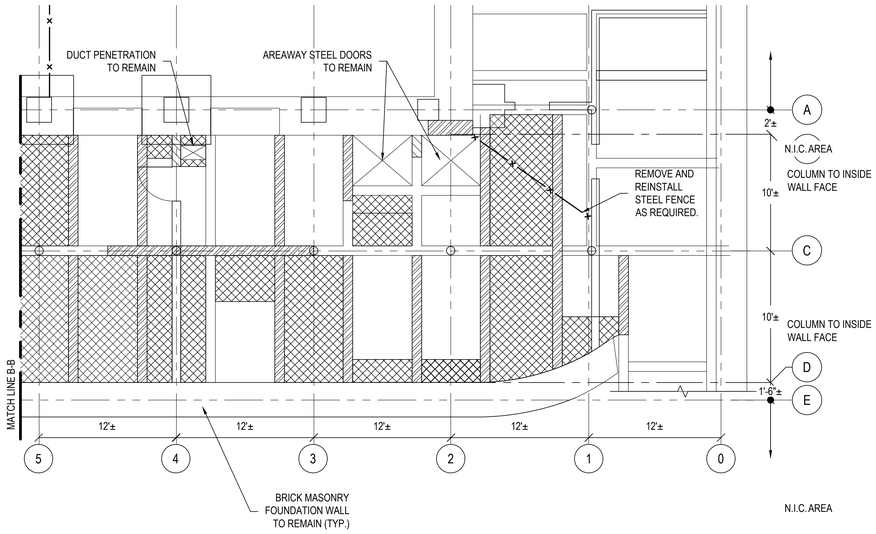
DISTRICT OF COLUMBIA CLERK OF THE SURVEYOR LICENSED PROFESSIONAL ENGINEER
No. PE40000728

DRAWING NO.

A-102

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





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

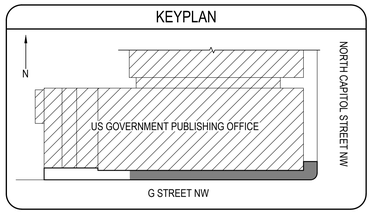
REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

NORTH

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.

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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'

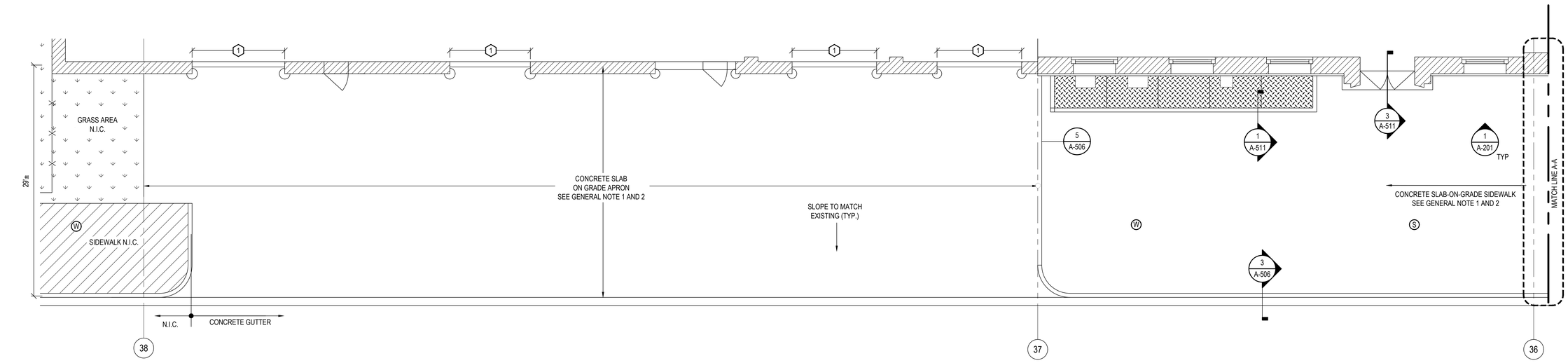
GRAPHIC SCALE
0 4' 8' 12'
IF BORDER IS LESS THAN 42" x 30" USE GRAPHIC SCALES

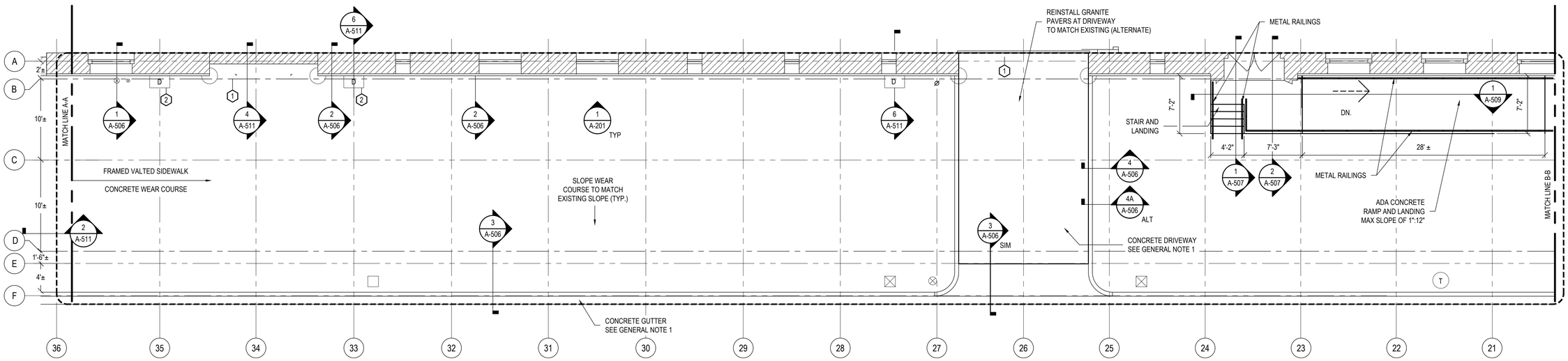
SHEET TITLE
SIDEWALK REFLECTED CEILING PLAN EXISTING CONDITIONS

DISTRICT OF COLUMBIA DERRICK J. ZUCK No. PE420000728 LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
A-103

O:\656429\02 DESIGN\656429 A1X.DWG • 4/22/2024 3:48:04 PM • < MLF >





1 / A-104 SIDEWALK PLAN - NEW CONSTRUCTION

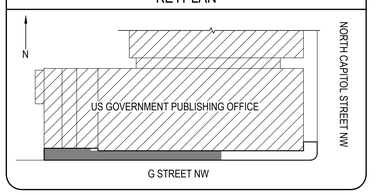
SCALE: 3/16" = 1'-0"

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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. 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.

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.

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 6" 1' 6" 12"

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

SHEET TITLE

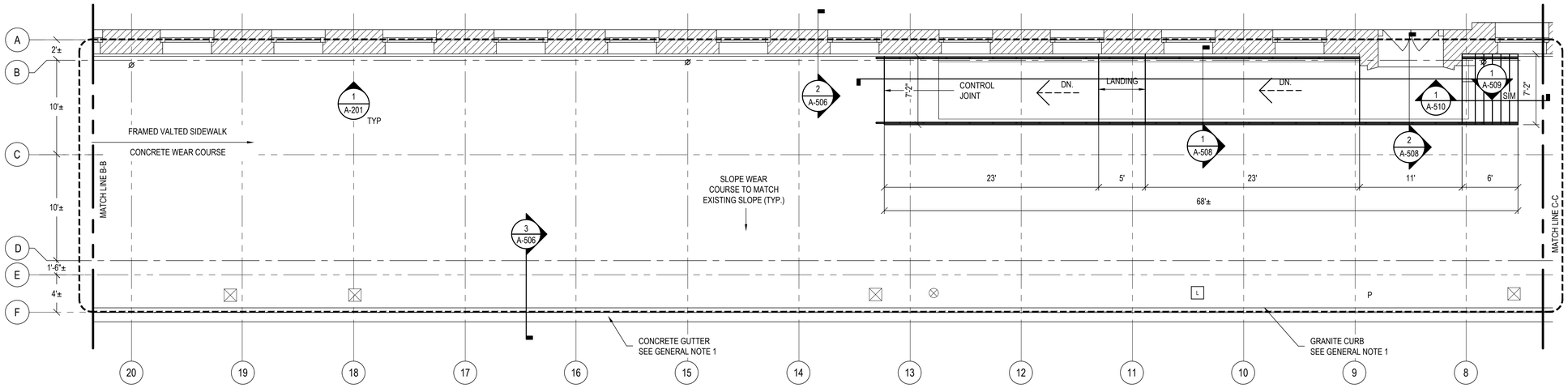
SIDEWALK PLAN
NEW
CONSTRUCTION

DISTRICT OF COLUMBIA
DEREK J. ZIER
No. PE400000728
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.

A-104

O:\656429\02 DESIGN\656429 A1X.DWG - 4/22/2024 3:48:05 PM - MLF



1 A-105 SIDEWALK PLAN - NEW CONSTRUCTION

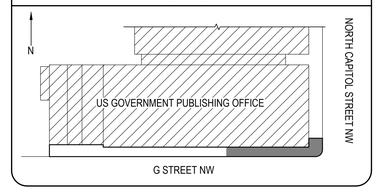
SCALE: 3/16" = 1'-0"

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

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.

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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'

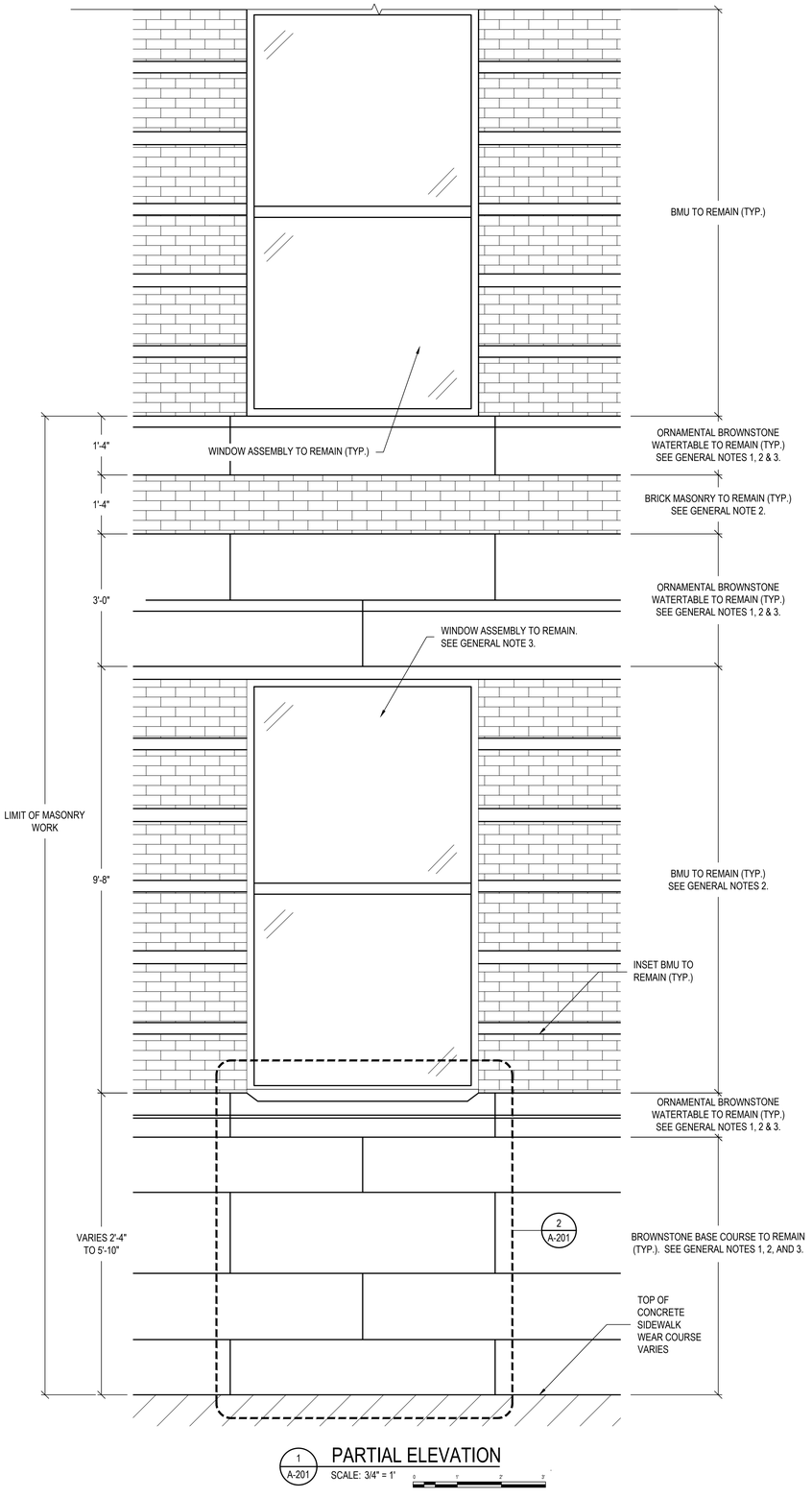
GRAPHIC SCALE

SHEET TITLE

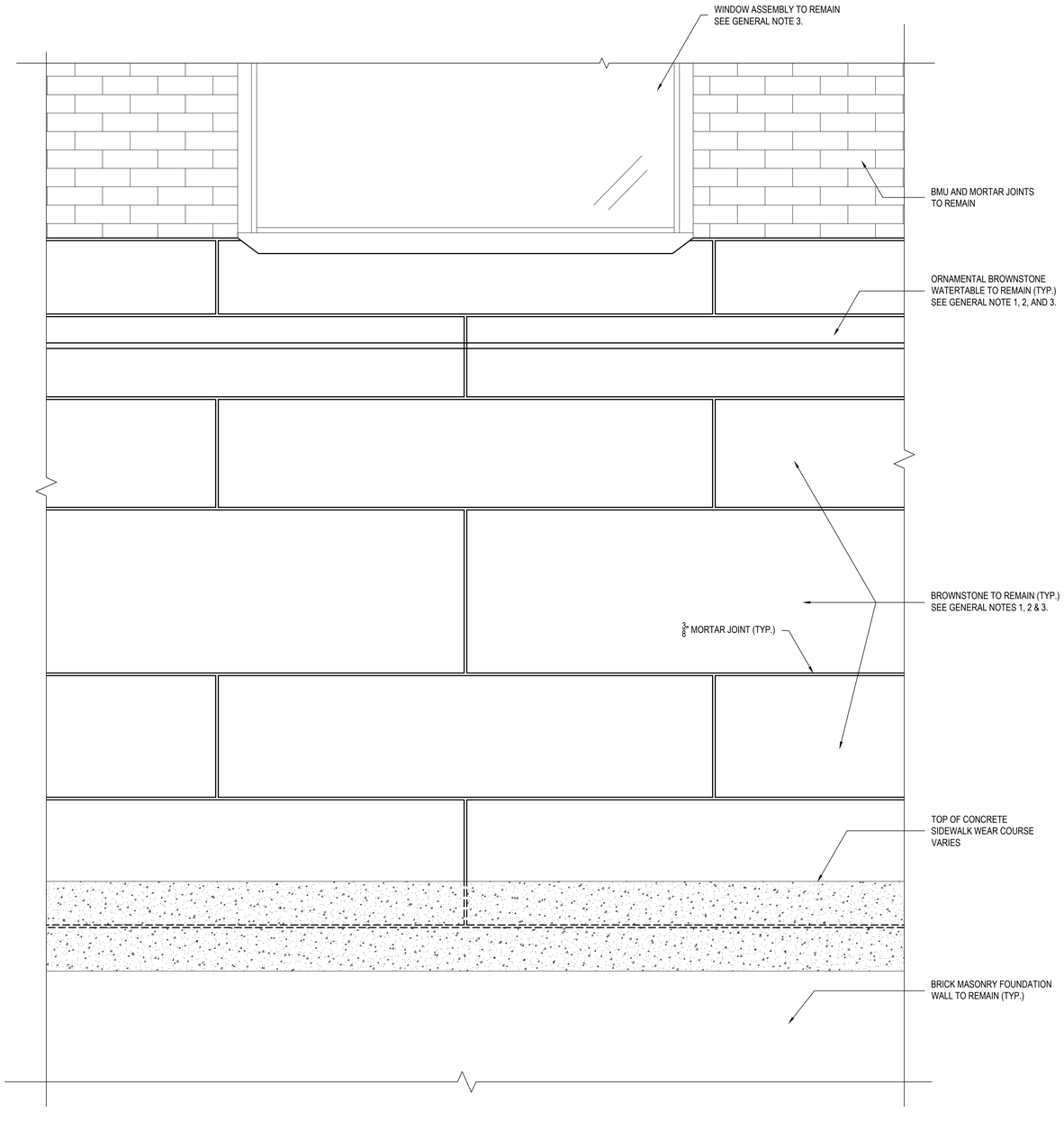
SIDEWALK PLAN
NEW
CONSTRUCTION

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

DRAWING NO.
A-105



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

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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 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 28" USE GRAPHIC SCALES

SHEET TITLE
PARTIAL ELEVATIONS

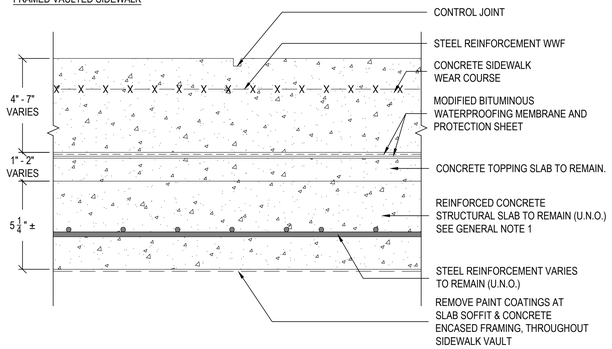
DISTRICT OF COLUMBIA
DEREK J. ZIESE
No. PE40000728
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.
A-201

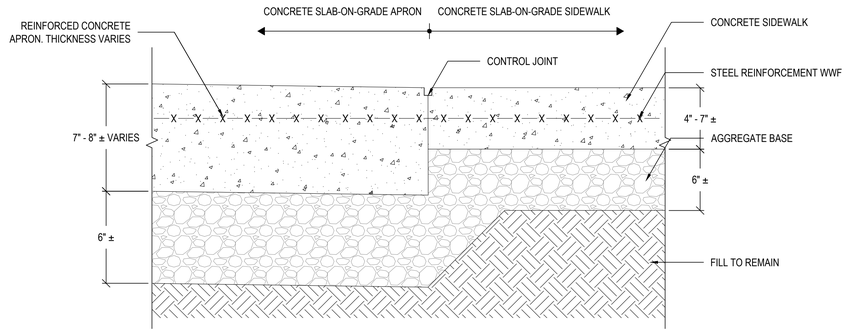
O:\656429\02 DESIGN\656429 A2X.DWG • 4/22/2024 3:48:08 PM • • MLF •

EXISTING CONDITIONS

FRAMED VAULTED SIDEWALK



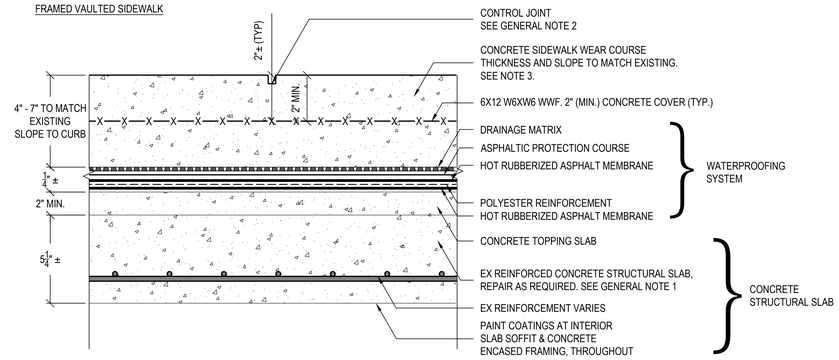
SLAB-ON-GRADE @ APRON



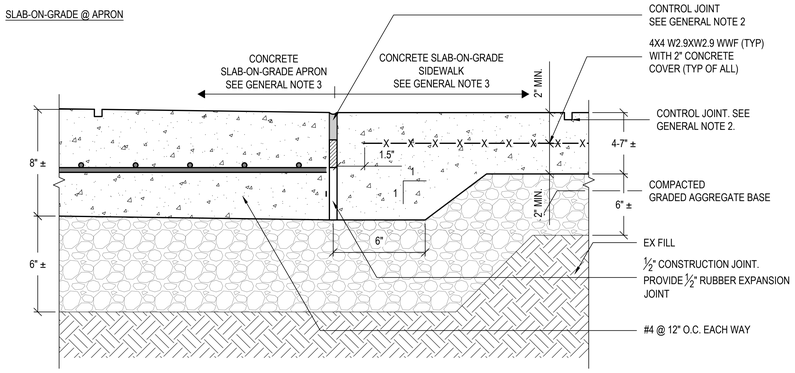
ALL ITEMS ARE TO BE REMOVED UNLESS DESIGNATED AS TO REMAIN

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)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 3" 6" 9"

IF BORDER ALLESS THAN 9" x 12" USE GRAPHIC SCALES

SHEET TITLE

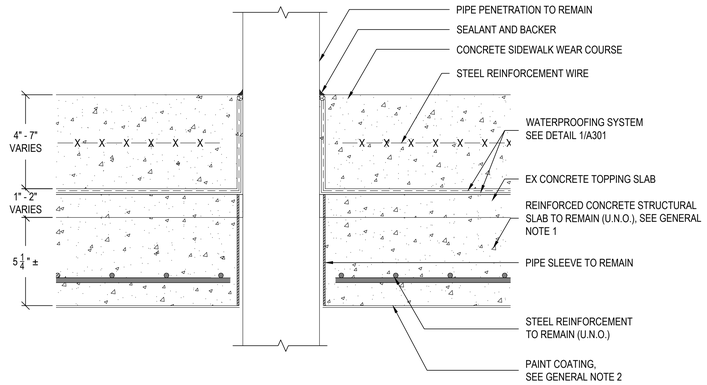
TYPICAL SIDEWALK DETAILS

DISTRICT OF COLUMBIA
DEREK J. ZIGLER
No. PE040000738
PROFESSIONAL ENGINEER
LICENSED

DRAWING NO.

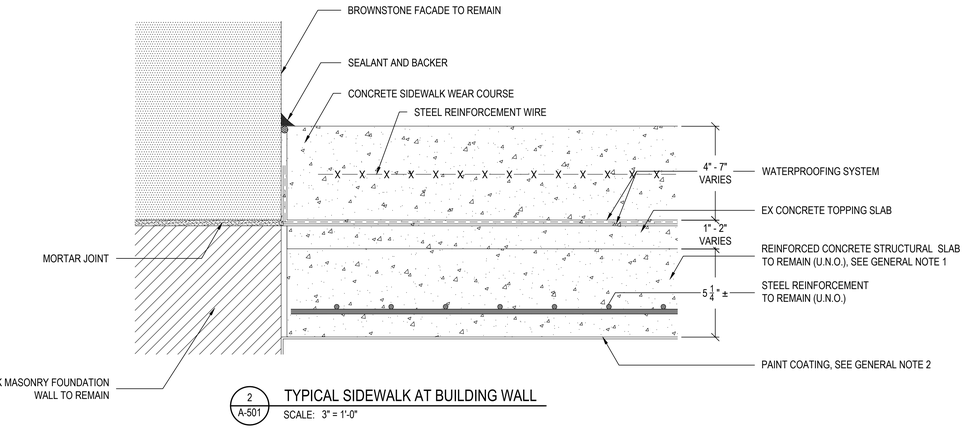
A-301

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



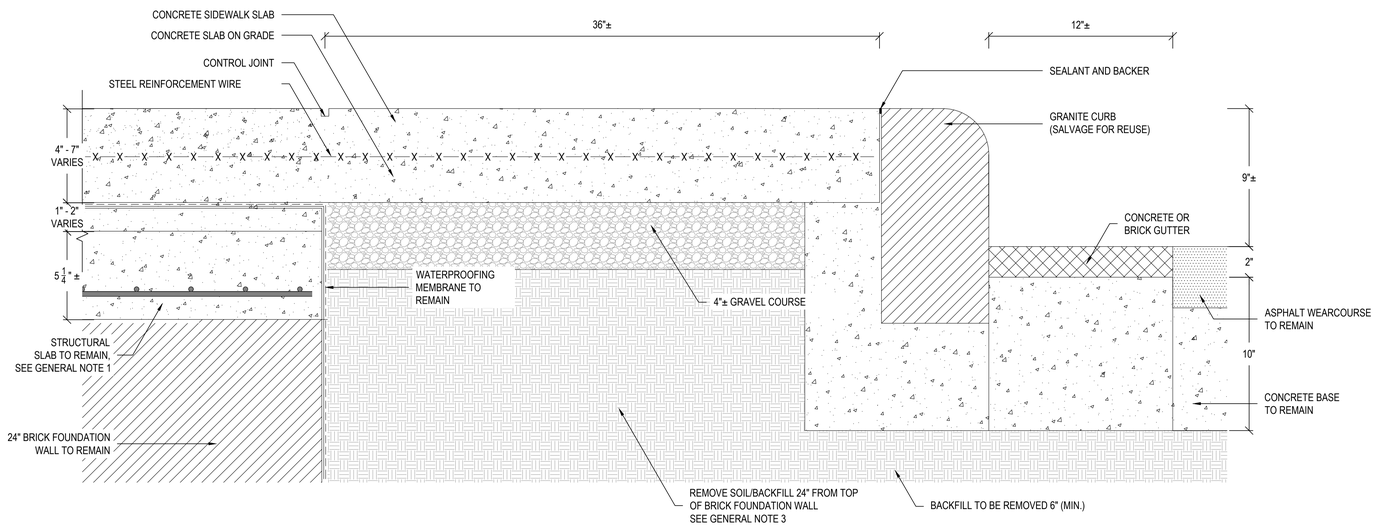
1 / A-501 TYPICAL SIDEWALK PIPE PENETRATION

SCALE: 3" = 1'-0"



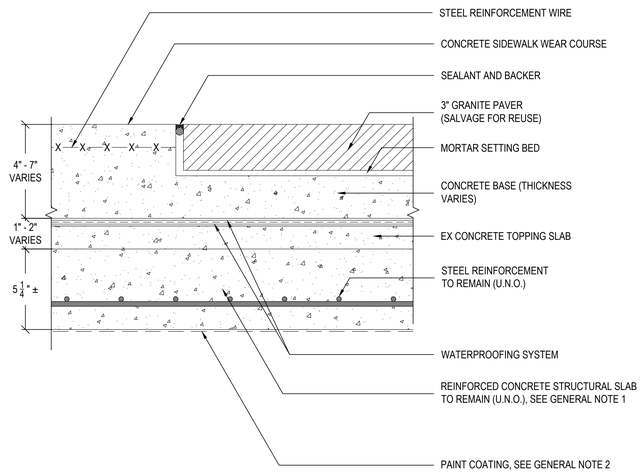
2 / A-501 TYPICAL SIDEWALK AT BUILDING WALL

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

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P: 703-383-9815 F: 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 SCREEN IS LESS THAN 9" USE GRAPHIC SCALE

SHEET TITLE

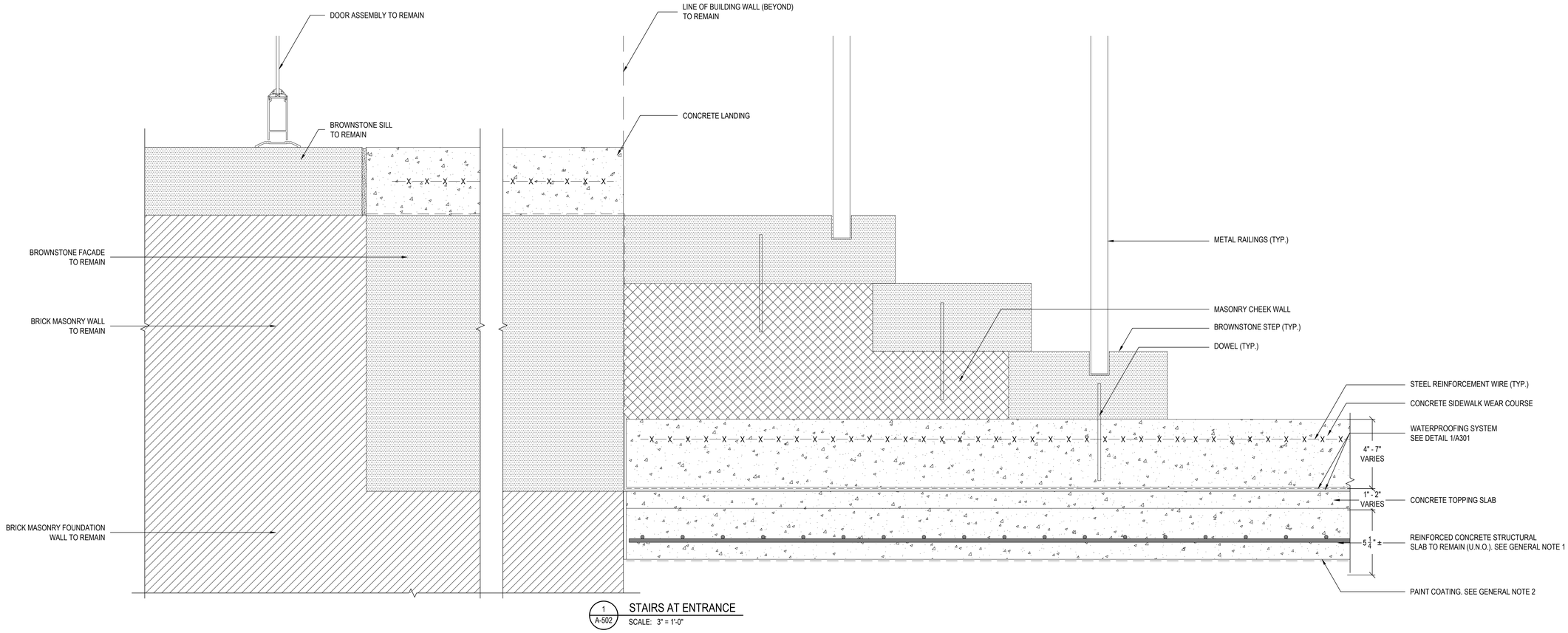
TYPICAL
DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
DEREK J. ZAICK
No. PE040000718
LICENSED
PROFESSIONAL ENGINEER

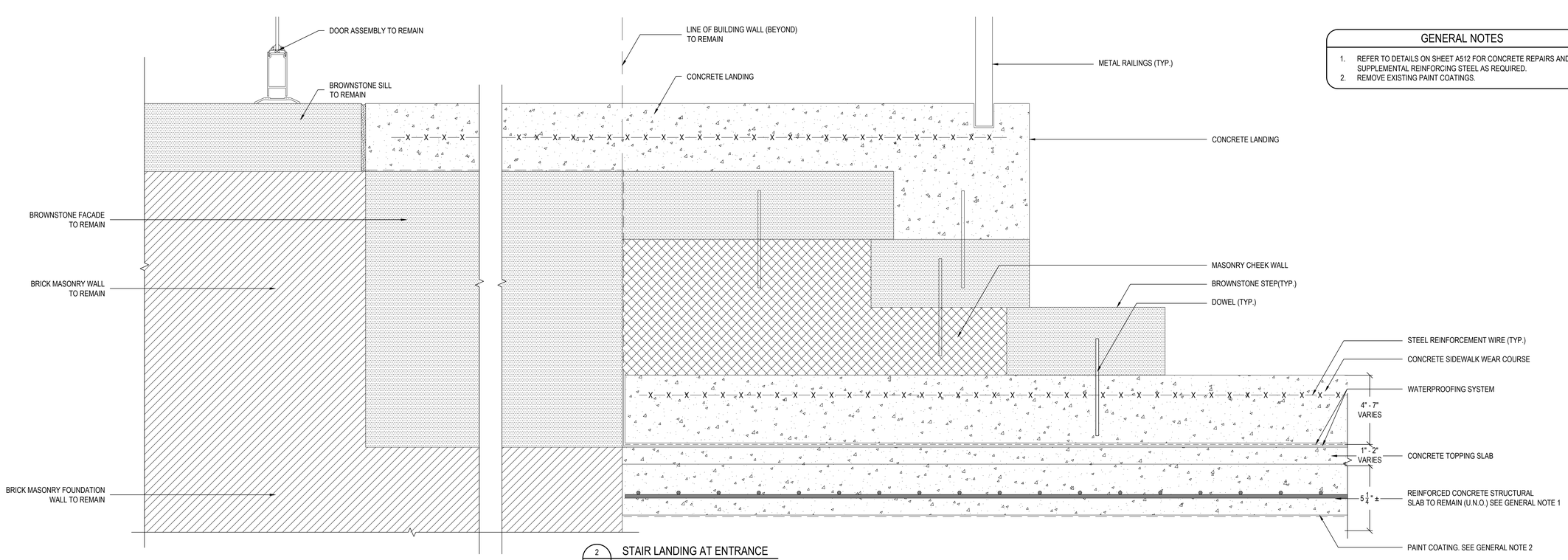
DRAWING NO.

A-501

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:13 PM - < MLF >



1 A-502 STAIRS AT ENTRANCE
SCALE: 3" = 1'-0"



2 A-502 STAIR LANDING AT ENTRANCE
SCALE: 3" = 1'-0"

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

GENERAL NOTES

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

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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'

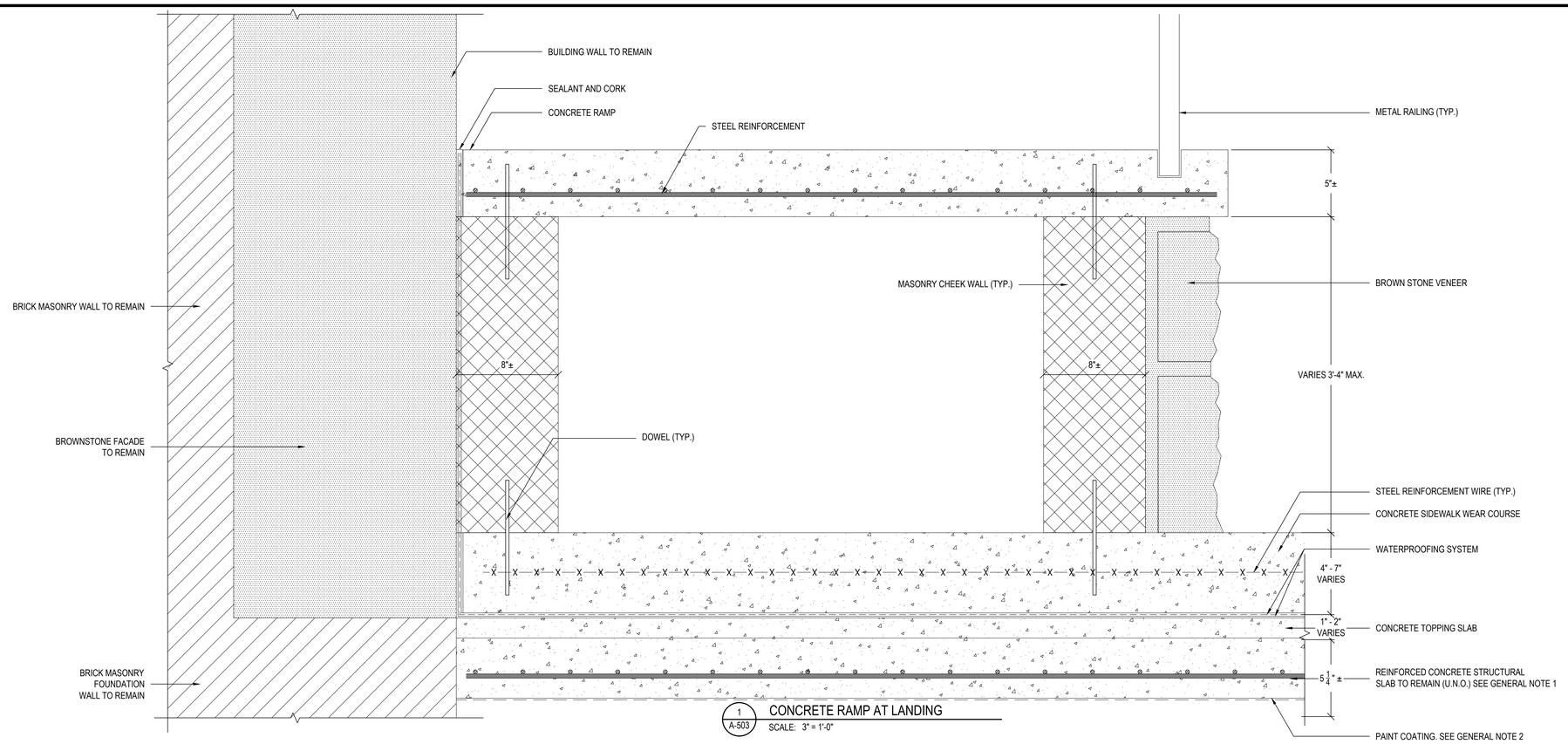
GRAPHIC SCALE
0 3" 6" 9"
IF BORDER IS LESS THAN 42" x 28" USE GRAPHIC SCALES

SHEET TITLE
DETAILS
EXISTING
CONDITIONS

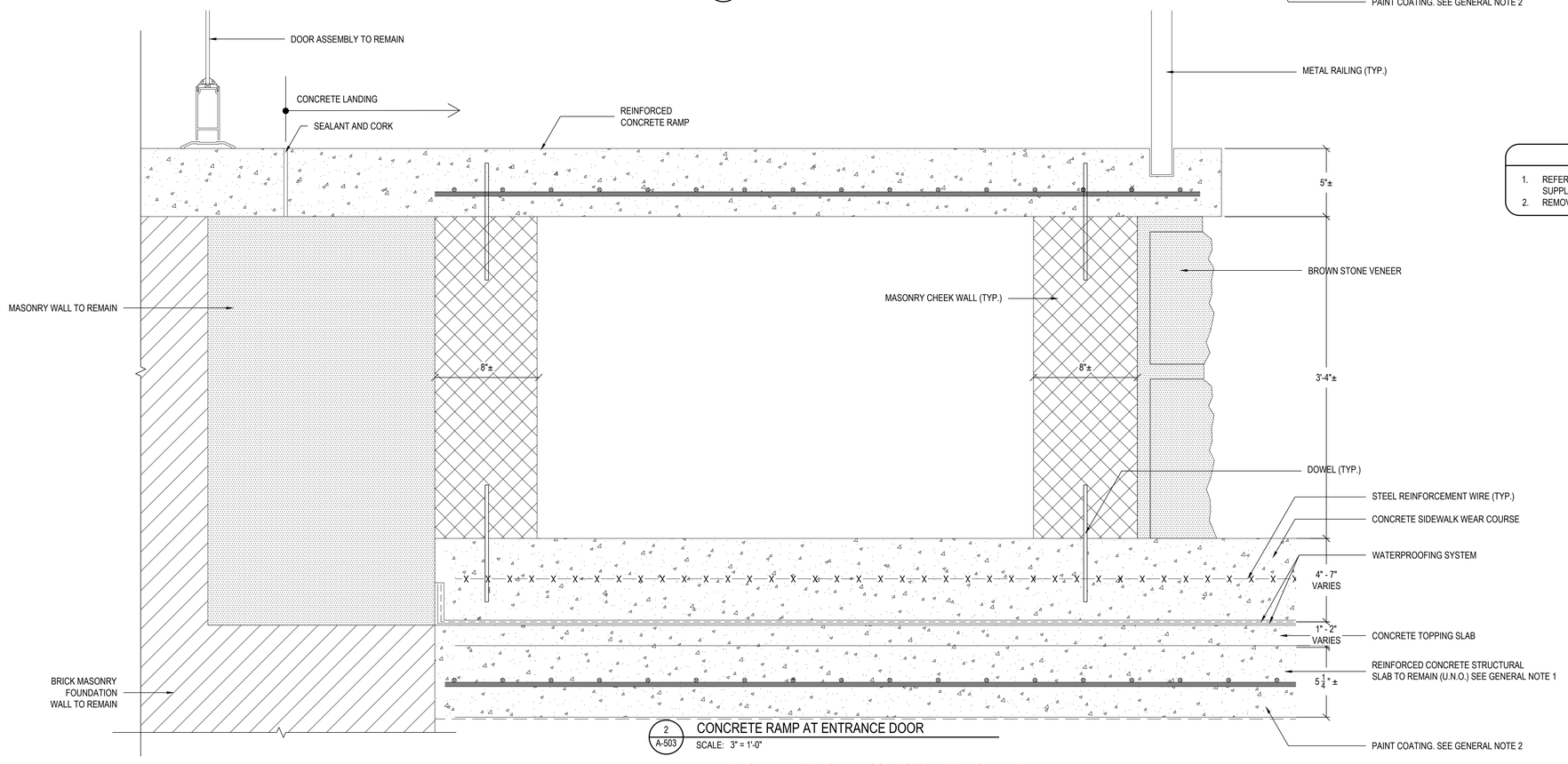
DISTRICT OF COLUMBIA
DEREK J. ZIEBE
No. PE40000728
LICENSED
PROFESSIONAL ENGINEER

DRAWING NO.
A-502

O:\656429\02 DESIGN\656429 A5X.DWG • 4/22/2024 3:48:14 PM • MLF >



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



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

REMOVE ALL ITEMS UNLESS DESIGNATED TO REMAIN

GENERAL NOTES

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

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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'

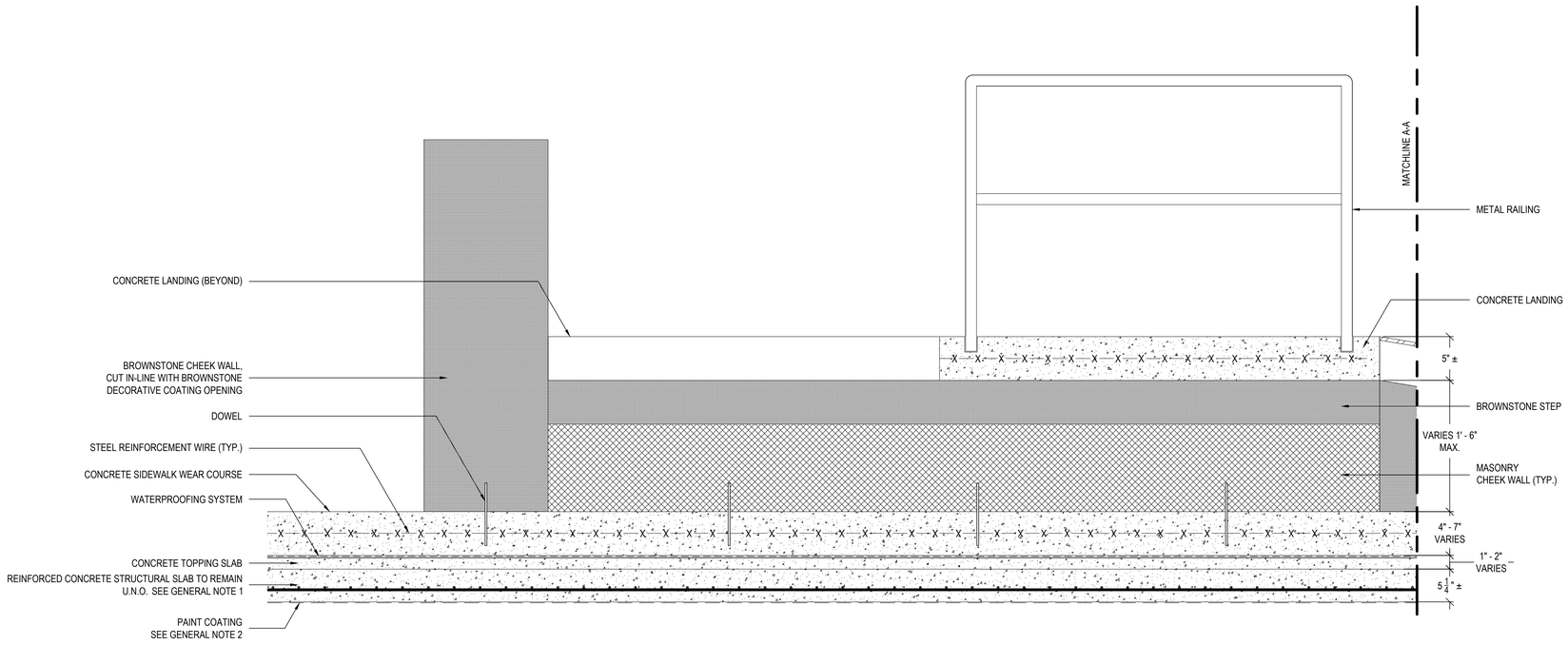
GRAPHIC SCALE
0 3" 6" 9"
IF BORDER IS LESS THAN 42" x 28" USE GRAPHIC SCALES

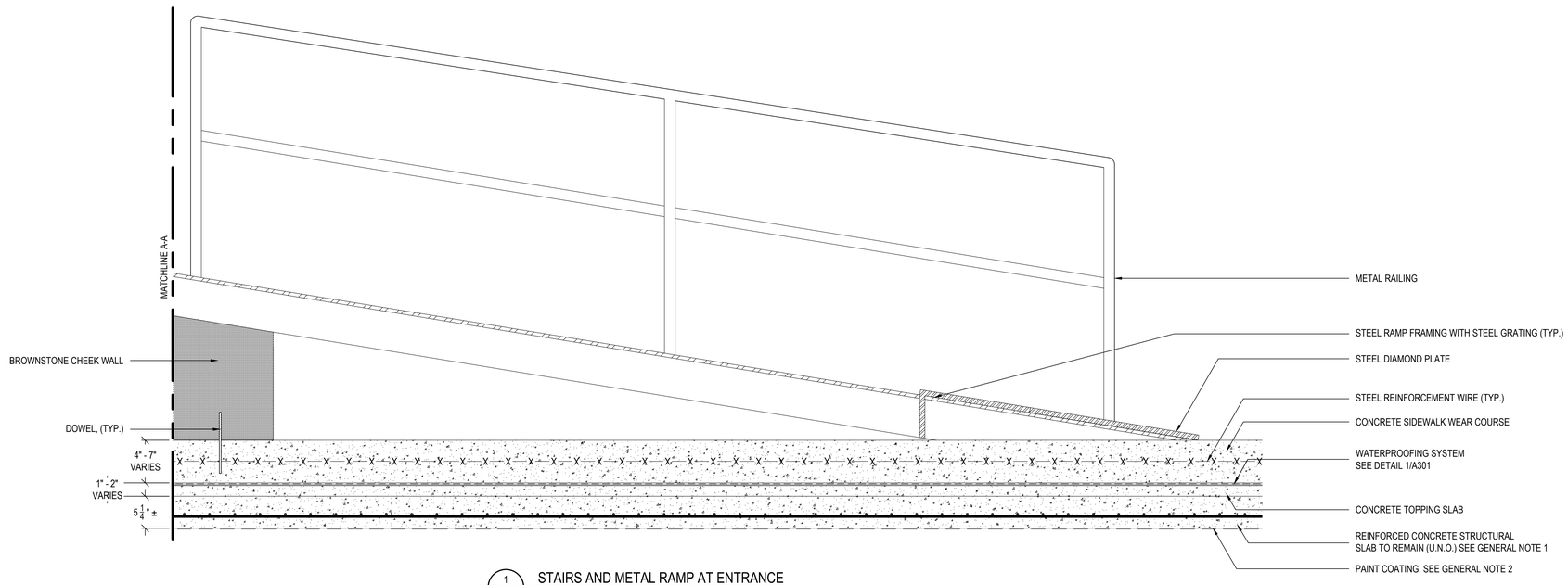
SHEET TITLE
DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
DEREK J. ZIEGLER
No. PE40000728
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

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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'

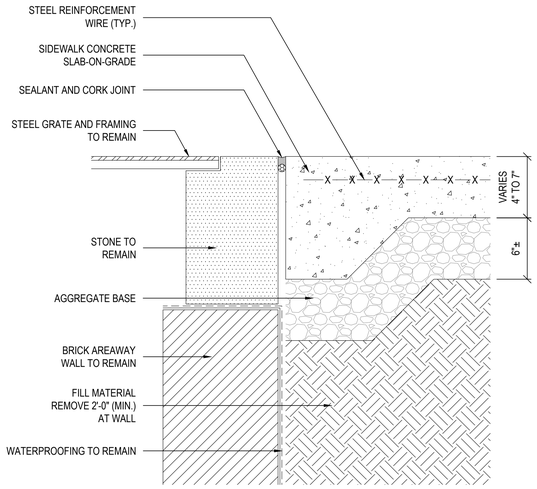
GRAPHIC SCALE
0 1/2" 1" 1 1/2"
IF BORDER IS LESS THAN 42" x 28" USE GRAPHIC SCALE

SHEET TITLE
DETAILS
EXISTING
CONDITIONS

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

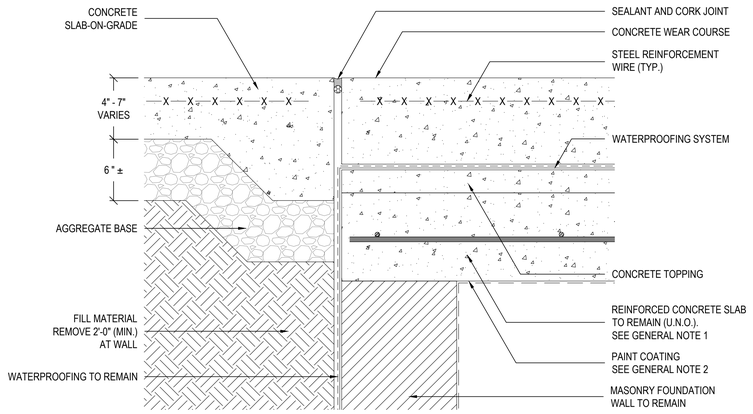
DRAWING NO.
A-504

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:16 PM - < MLF >



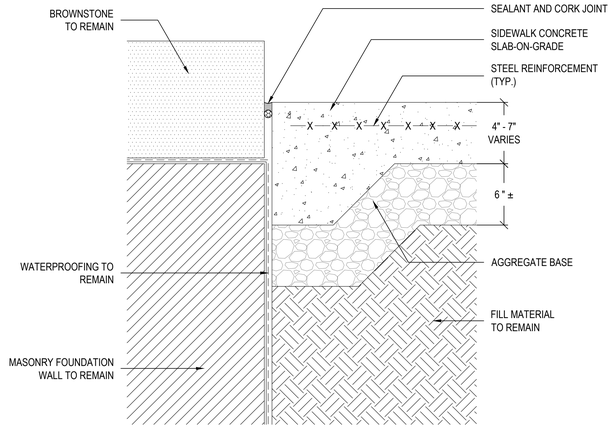
1 A-505 SIDEWALK AT AREAWAY

SCALE: 3" = 1'-0"



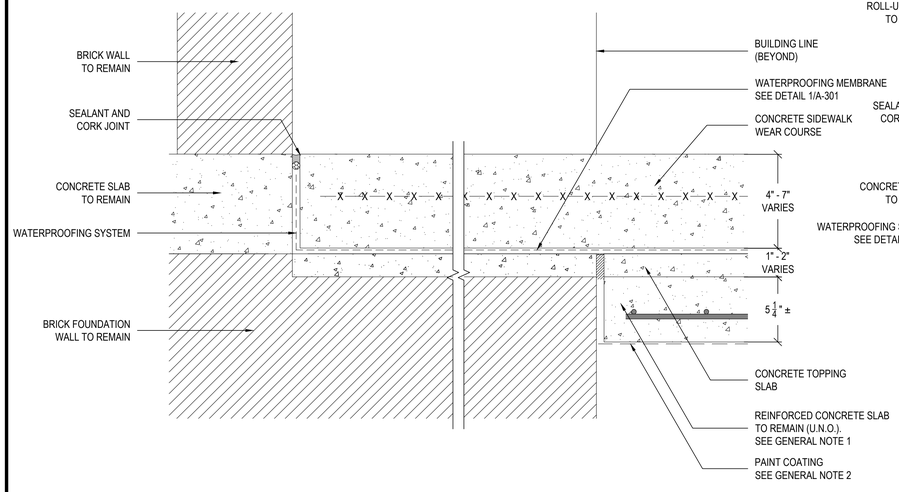
2 A-505 SIDEWALK TRANSITION

SCALE: 3" = 1'-0"



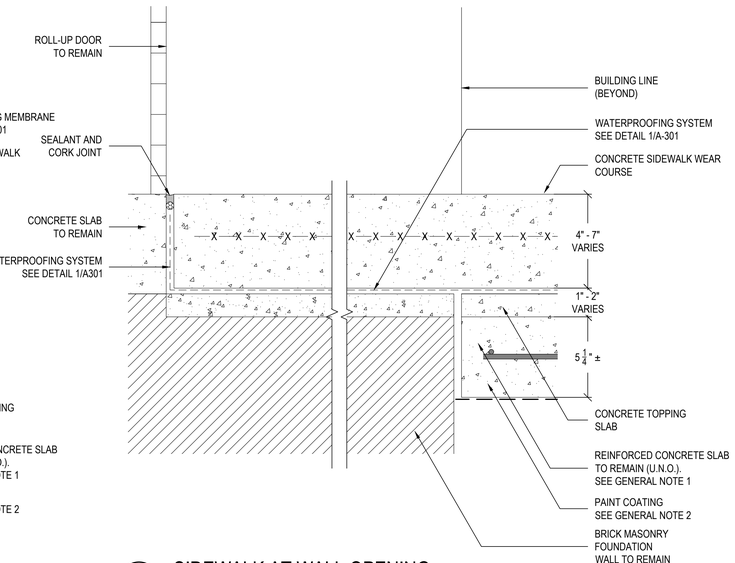
3 A-505 SIDEWALK AT BUILDING ENTRANCE

SCALE: 3" = 1'-0"



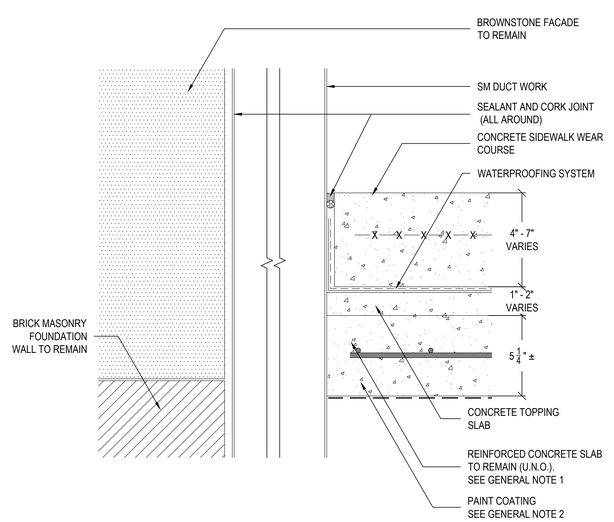
4 A-505 SIDEWALK AT MASONRY WALL

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

GALE

Gale Associates, Inc.

Engineers Architects Planners

800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com

Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry

Dewberry Engineers Inc.

2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7807

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 SCALES

SHEET TITLE

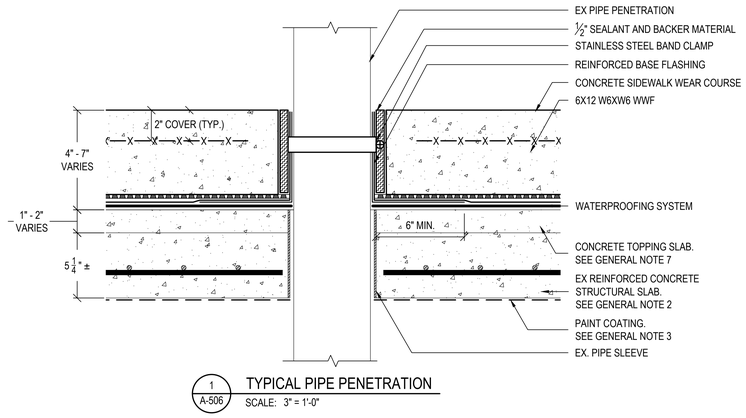
DETAILS
EXISTING
CONDITIONS

DISTRICT OF COLUMBIA
DEREK J. ZAICK
No. PE0000718
LICENSED PROFESSIONAL ENGINEER

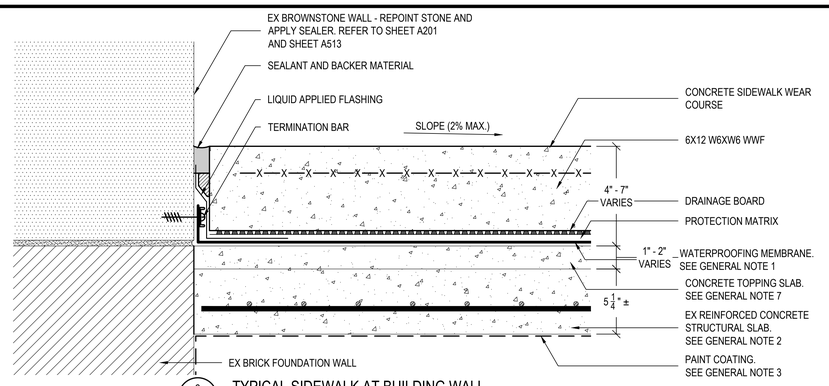
DRAWING NO.

A-505

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

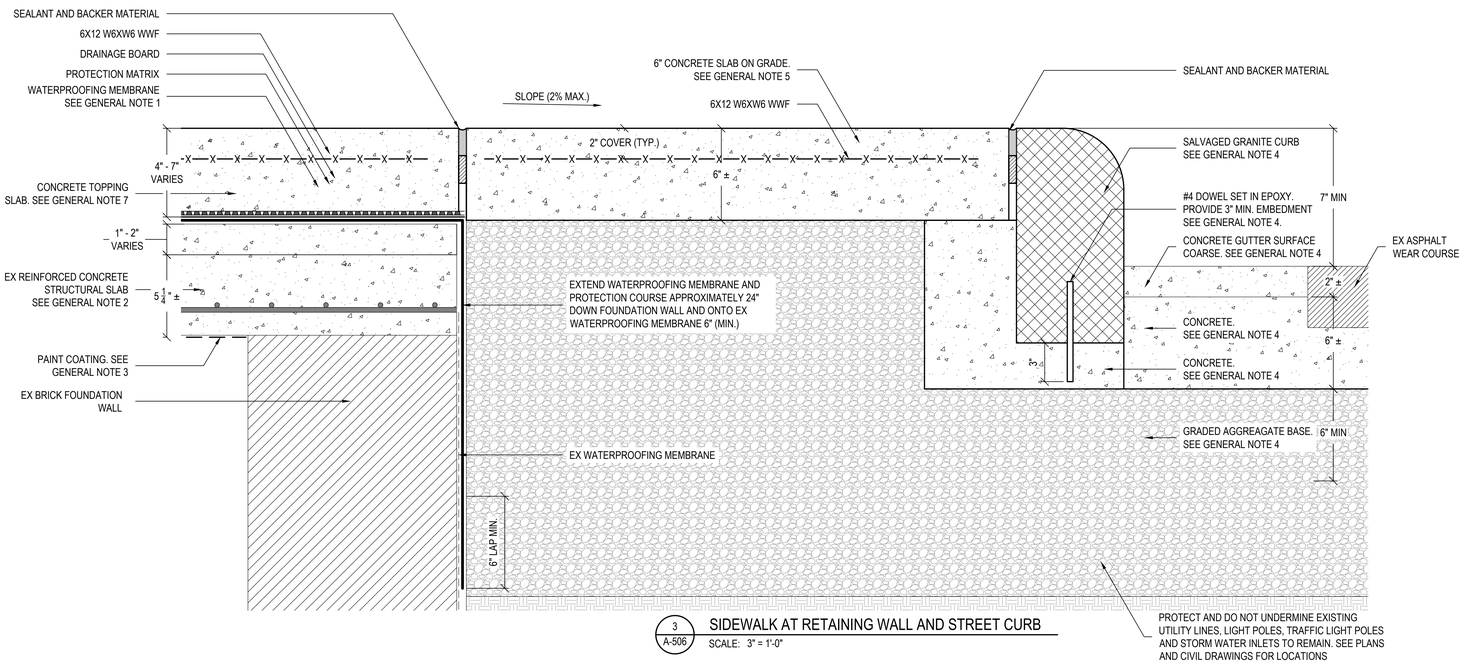


1 A-506 TYPICAL PIPE PENETRATION
SCALE: 3" = 1'-0"



2 A-506 TYPICAL SIDEWALK AT BUILDING WALL
SCALE: 3" = 1'-0"

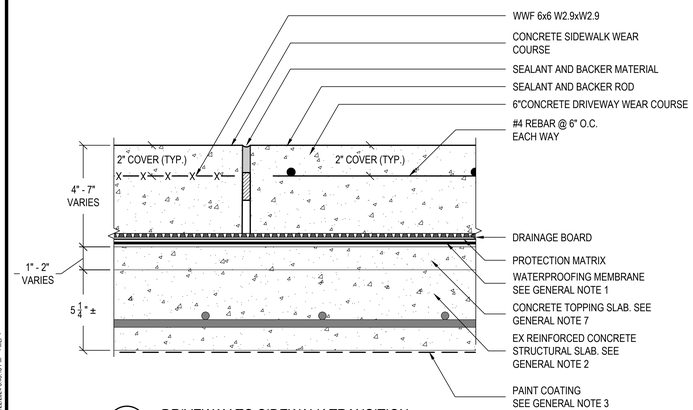
NOTES:
- IF PLANE OF WATERPROOFING DOES NOT ALIGN WITH EXISTING BROWNSTONE MASONRY JOINTS, PROVIDE ⅜" X 2" CONTINUOUS CUT REGLET TO RECEIVE WATERPROOFING.



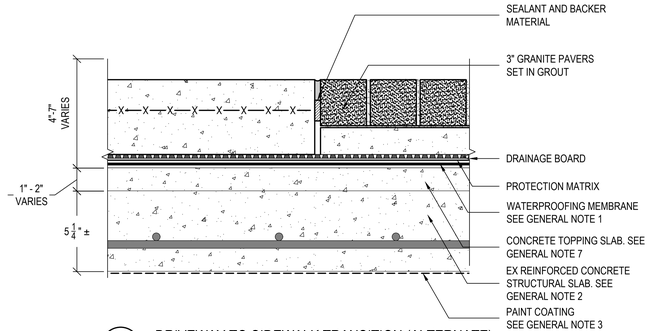
3 A-506 SIDEWALK AT RETAINING WALL AND STREET CURB
SCALE: 3" = 1'-0"

GENERAL NOTES

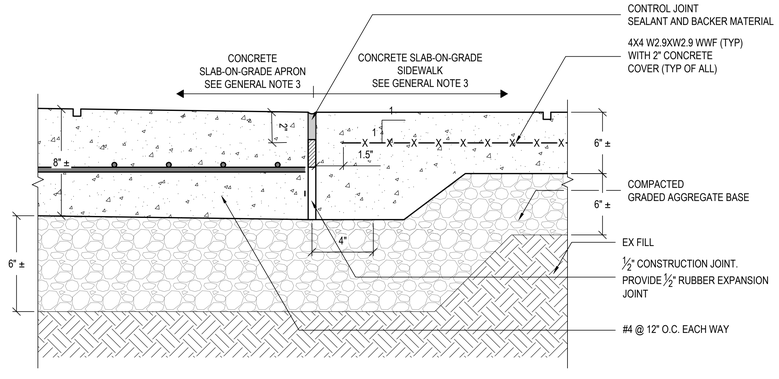
1. SEE A301 FOR NEW WATERPROOFING ASSEMBLY.
2. REPAIR STRUCTURAL SLAB WHERE INDICATED. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
3. PROVIDE PAINT COATINGS AT STRUCTURAL SLAB SOFFIT AND ENCASED STRUCTURAL FRAMING THROUGHOUT.
4. REFER TO CIVIL DRAWINGS 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)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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	AS NOTED

GRAPHIC SCALE

IF BORDER IS LESS THAN 6" x 36" USE GRAPHIC SCALES

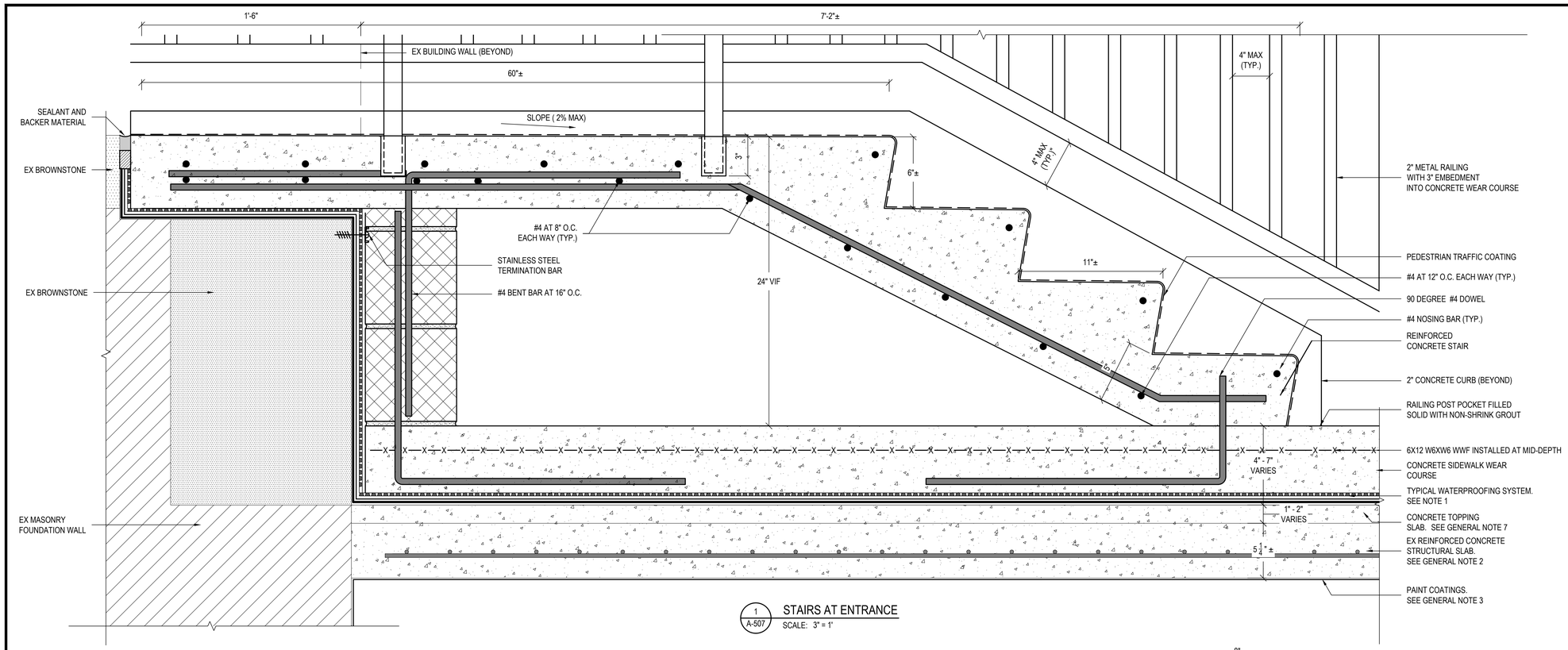
SHEET TITLE

DETAILS NEW CONSTRUCTION

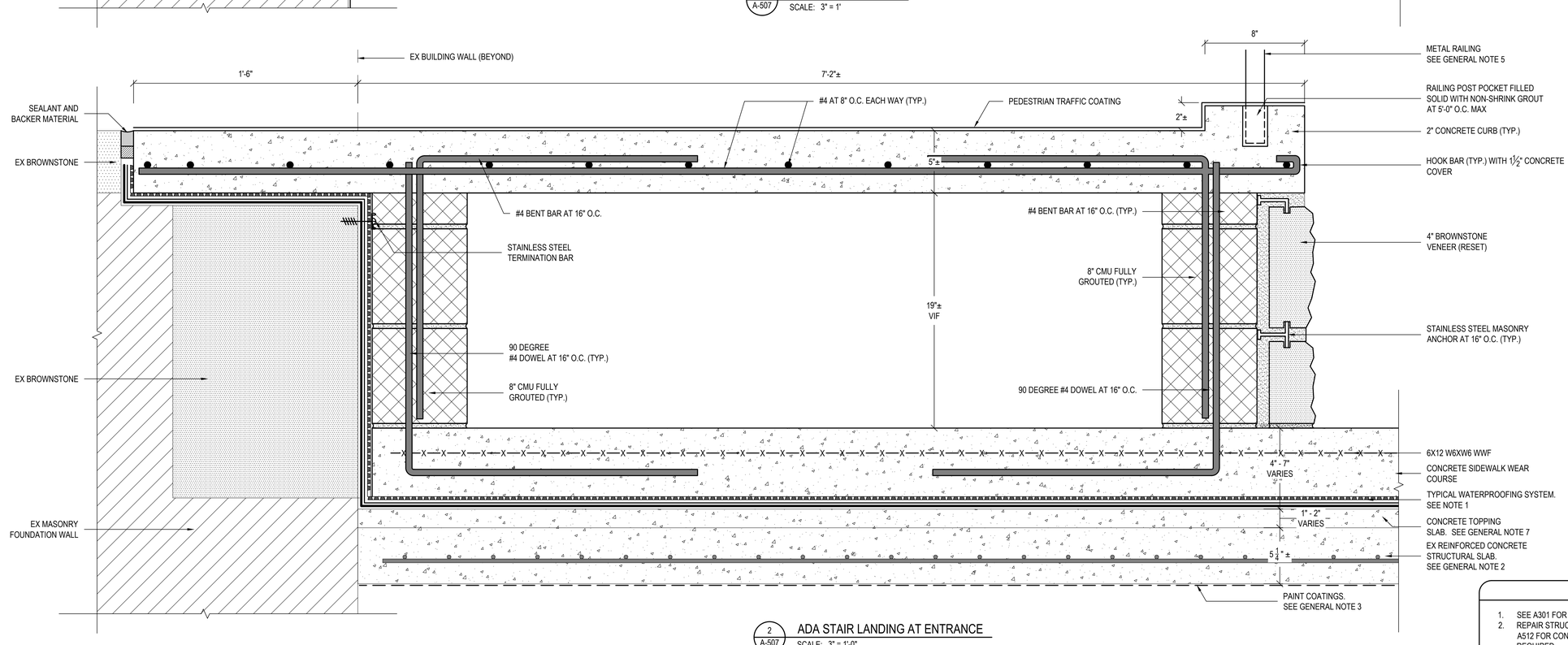
DISTRICT OF COLUMBIA
DEREK J. ZUCK
No. PE4100007?8
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
A-506

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:46:18 PM - MLF



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)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 3" 6" 9"
IF BORDER IS LESS THAN 9" x 36" USE GRAPHIC SCALES

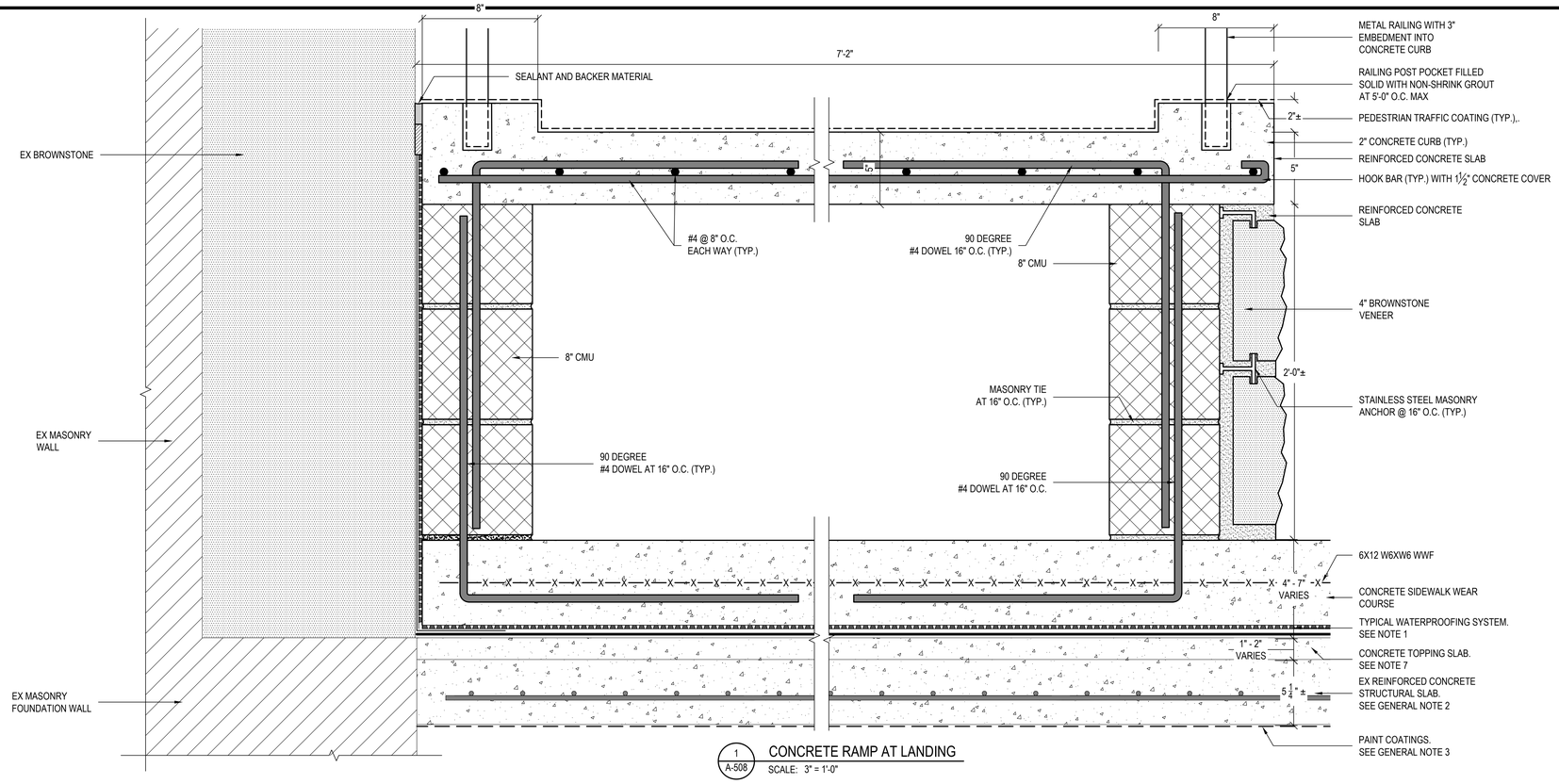
SHEET TITLE

DETAILS NEW CONSTRUCTION

DRAWING NO.
A-507

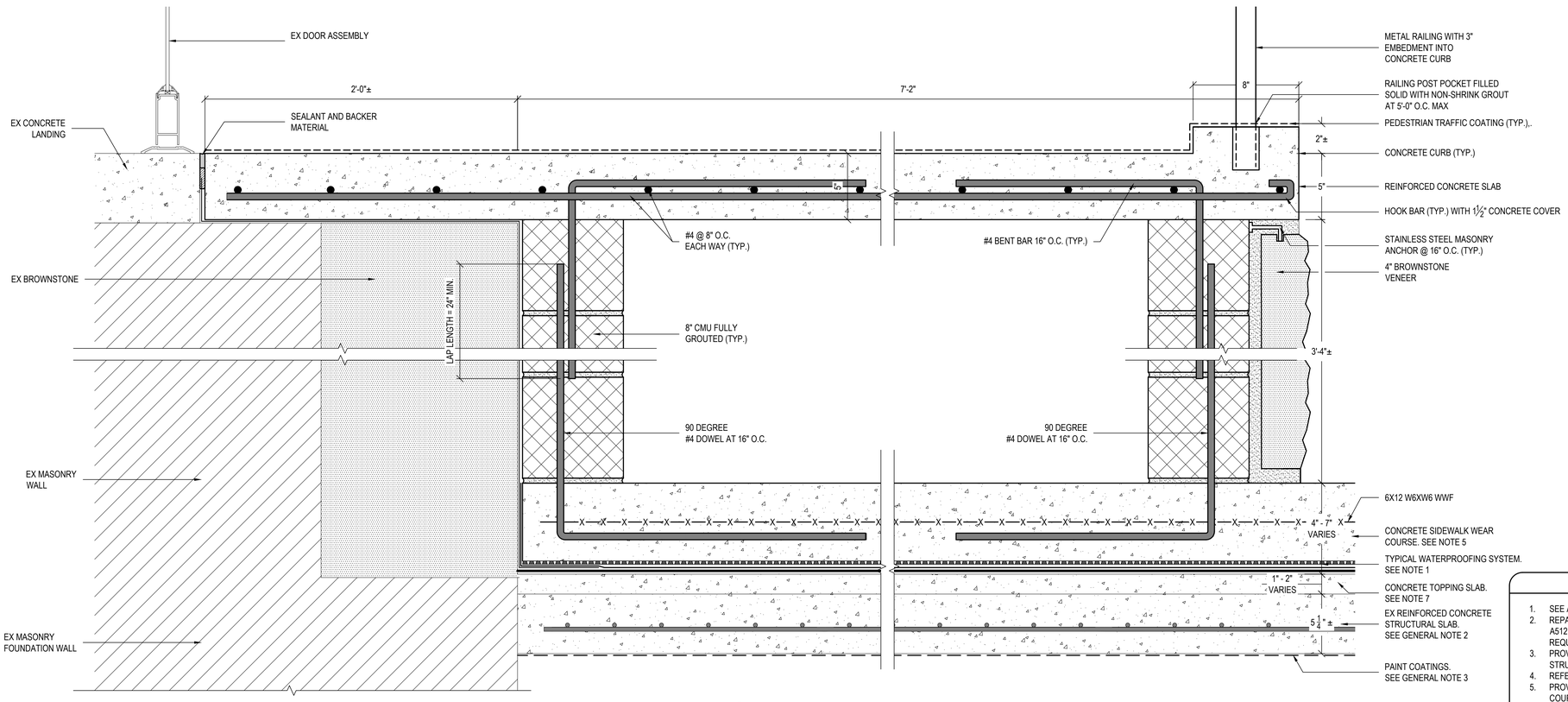
DISTRICT OF COLUMBIA
DEREK J. ZICK
No. PE400000718
LICENSED PROFESSIONAL ENGINEER

0:\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

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.

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 3" 6" 9" 1'

IF SCREEN IS LESS THAN 9" USE GRAPHIC SCALE

SHEET TITLE

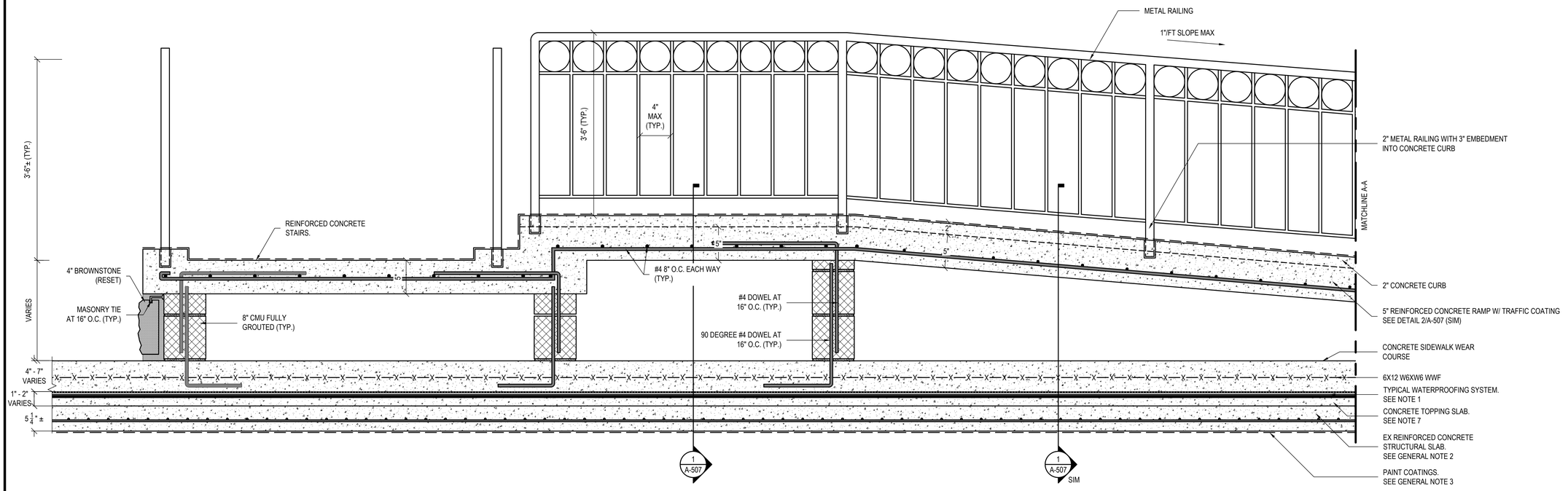
DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
DEREK J. ZICK
No. PE040000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

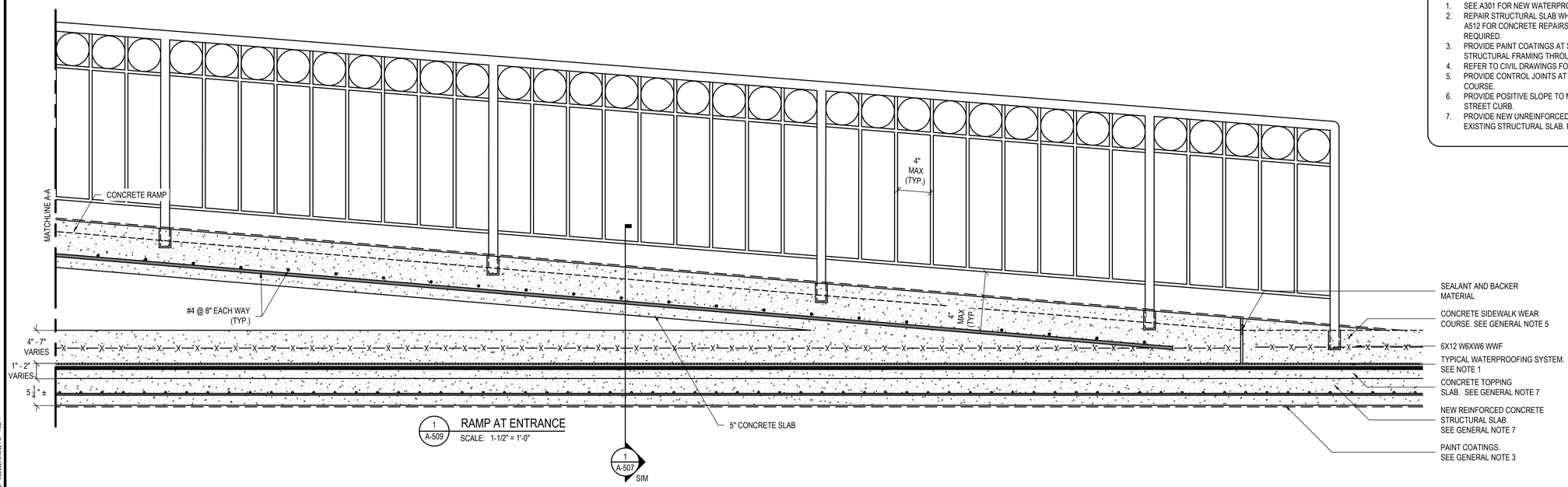
A-508

O:\656429\02 DESIGN\656429 A5R.DWG - 4/22/2024 3:48:21 PM - < MLF >



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.



1 A-509 RAMP AT ENTRANCE
SCALE: 1-1/2" = 1'-0"

ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING (EX)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-0815 F 703-884-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 337-2851
FAX: (301) 258-7607

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'

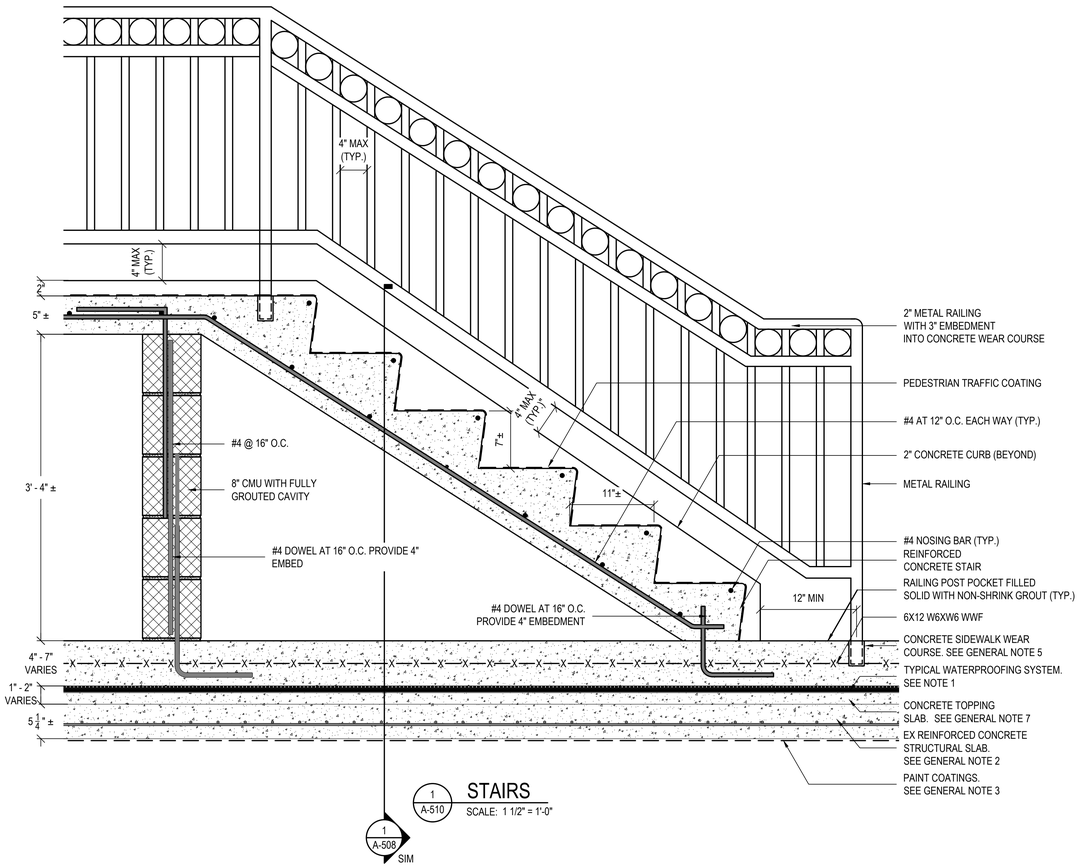
GRAPHIC SCALE
0 1/2" 1" 1 1/2"
IF BORDER IS LESS THAN 47" x 28" USE GRAPHIC SCALES

SHEET TITLE
DETAILS NEW CONSTRUCTION

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

DRAWING NO.
A-509

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



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)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7807

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 SCREEN IS LESS THAN 8"x 10" USE GRAPHIC SCALE

SHEET TITLE

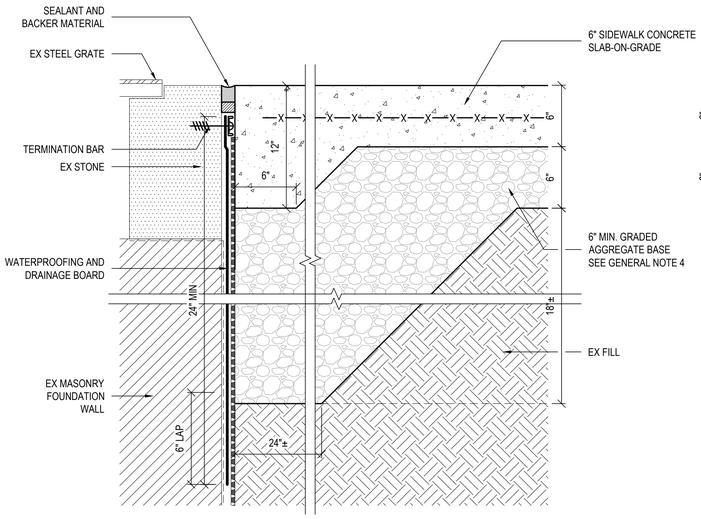
DETAILS NEW CONSTRUCTION

DISTRICT OF COLUMBIA
DEREK J. ZICK
No. PE040000718
LICENSED PROFESSIONAL ENGINEER

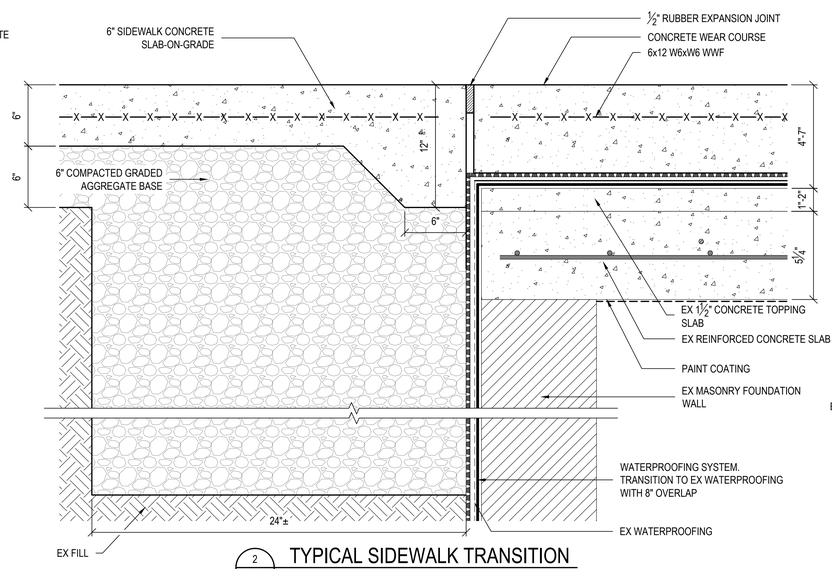
DRAWING NO.

A-510

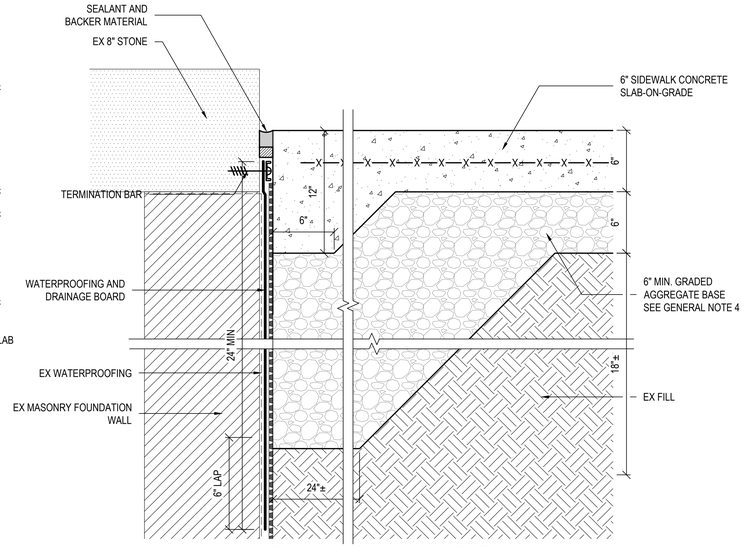
O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:48:22 PM - < MLF >



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



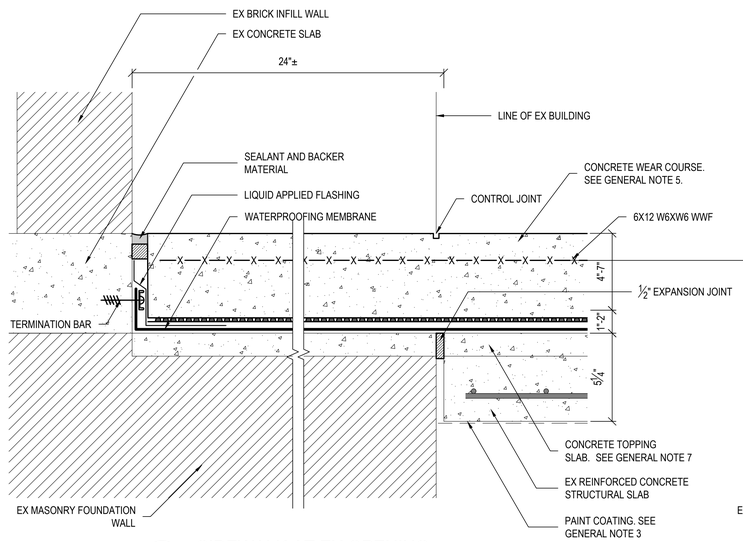
2 A-511 TYPICAL SIDEWALK TRANSITION
SCALE: 3" = 1'-0"



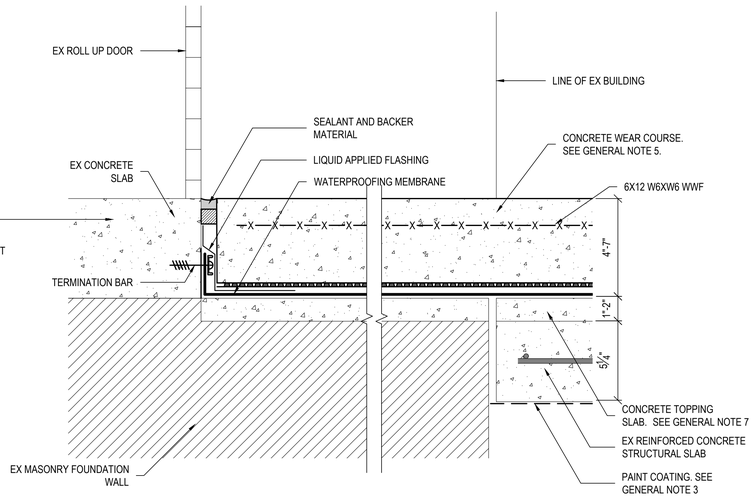
3 A-511 SIDEWALK AT BUILDING ENTRANCE
SCALE: 3" = 1'-0"

GENERAL NOTES

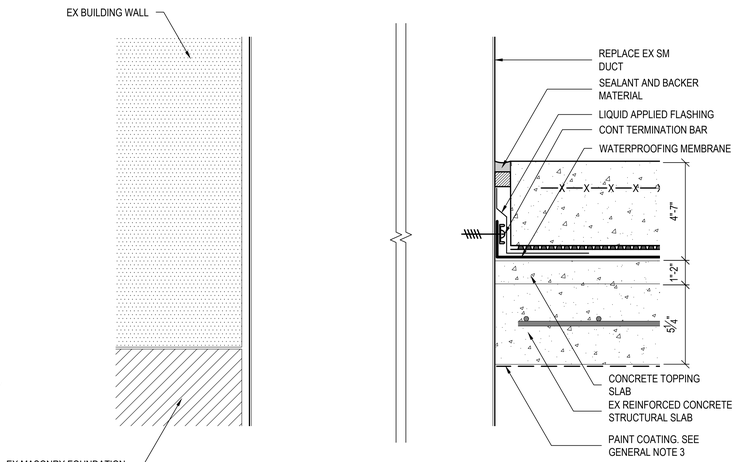
1. SEE A301 FOR NEW WATERPROOFING ASSEMBLY.
2. REPAIR STRUCTURAL SLAB WHERE INDICATED. REFER TO DETAILS ON SHEET A512 FOR CONCRETE REPAIRS AND SUPPLEMENTAL REINFORCING STEEL AS REQUIRED.
3. PROVIDE PAINT COATINGS AT STRUCTURAL SLAB SOFFIT AND ENCASED STRUCTURAL FRAMING THROUGHOUT.
4. REFER TO CIVIL DRAWINGS 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-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)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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'

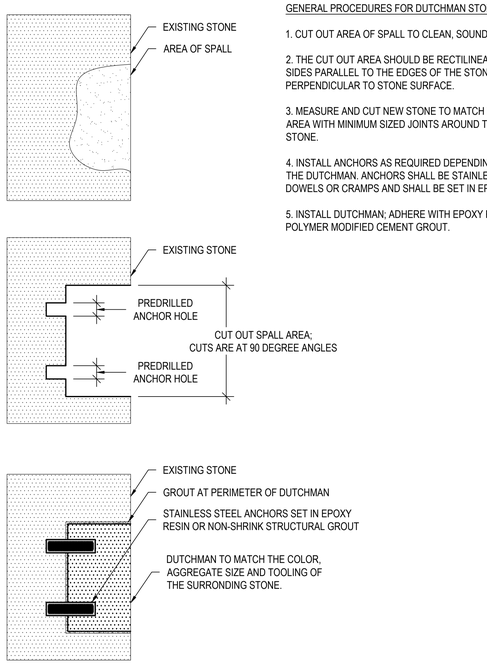
GRAPHIC SCALE
0 1/2" 1" 1 1/2"
IF SCREEN IS LESS THAN 6" x 9" USE GRAPHIC SCALE

SHEET TITLE
DETAILS
NEW
CONSTRUCTION

DISTRICT OF COLUMBIA
DEREK J. ZICK
No. PE400000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.
A-511

O:\656429\02 DESIGN\656429 A5X.DWG - 4/22/2024 3:45:24 PM - < MLF >



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.

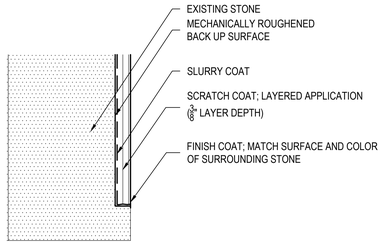
3. PREPARE ENTIRE STONE SUBSTRATE TO A MECHANICALLY ROUGHENED SURFACE EQUIVALENT TO ICRI-CSP 8 OR 9.

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.

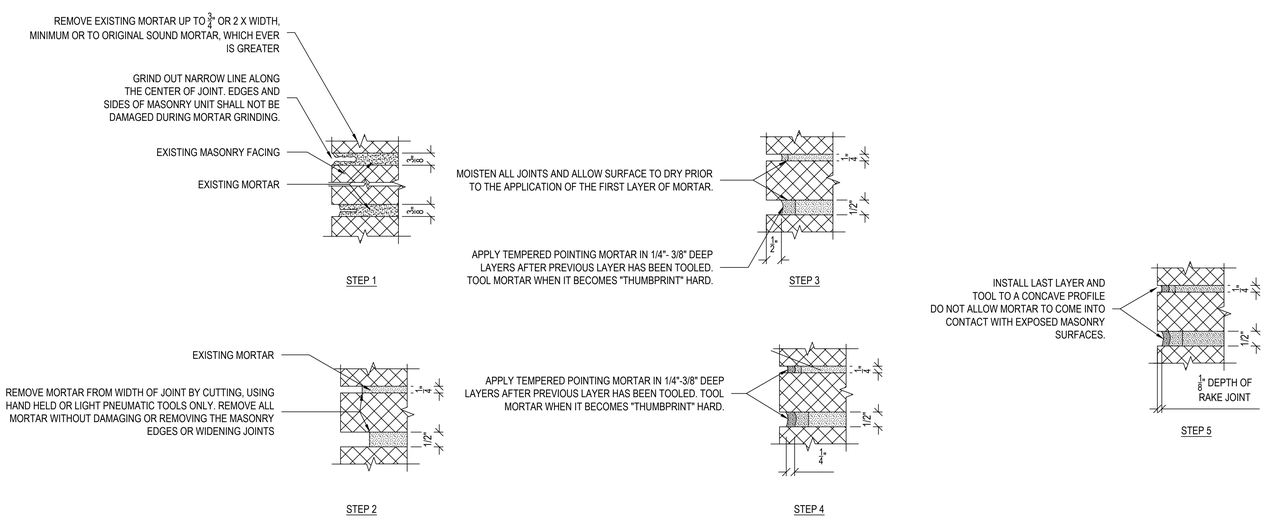
6. APPLY FINISH COAT TO MATCH TEXTURE, COLOR, AND TOOLING OF THE SURROUNDING STONE. PATCH SHOULD WEATHER IN SAME MANNER AS ORIGINAL STONE.

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)

GALE
Gale Associates, Inc.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright©2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7807

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 3" 6" 9"

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

SHEET TITLE

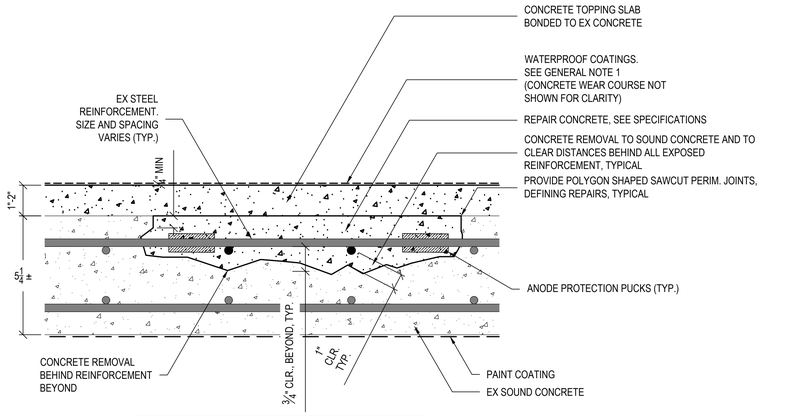
TYPICAL STONE AND MORTAR JOINT REPAIR DETAILS

DISTRICT OF COLUMBIA
DEREK J. ZICK
No. PE410000718
LICENSED PROFESSIONAL ENGINEER

DRAWING NO.

A-512

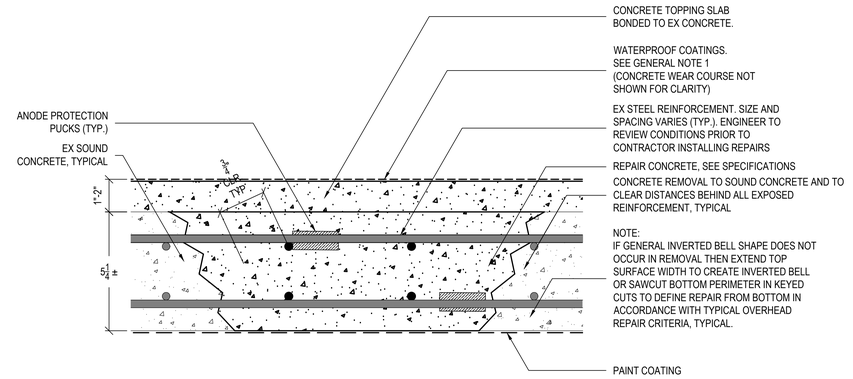
O:\656429\02 DESIGN\656429 A5X.DWG • 4/22/2024 3:45:26 PM • • MLF >



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

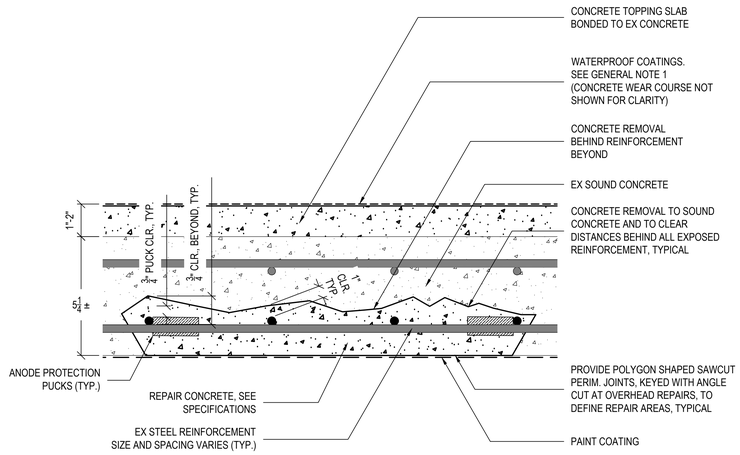
SCALE: 3" = 1'



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

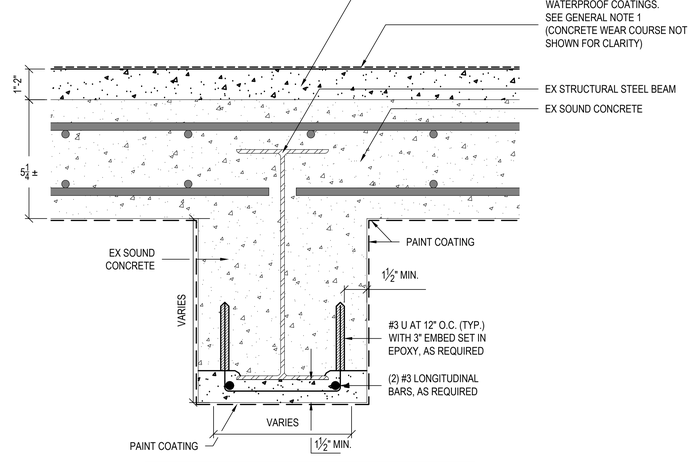
SCALE: 3" = 1'



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

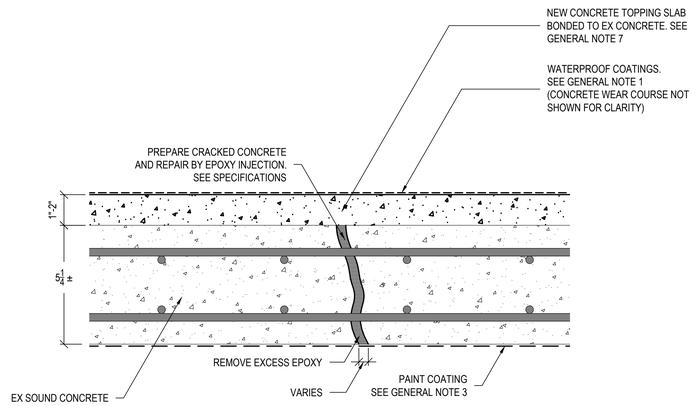
SCALE: 3" = 1'



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.
Engineers Architects Planners
800 Corporate Drive, Suite 341
Stafford, Virginia 22554
P 703-383-9815 F 703-864-4001
www.gainc.com
Massachusetts Maryland Connecticut
Virginia New Hampshire Florida Maine

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc.
Copyright2024

Dewberry
Dewberry Engineers Inc.
2101 Gaither Road, Suite 340
Rockville Maryland 20850
Phone: (301) 357-2851
FAX: (301) 258-7607

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 6" x 9" USE GRAPHIC SCALE

SHEET TITLE

TYPICAL DETAILS
STRUCTURAL
CONCRETE SLAB
REPAIRS

DISTRICT OF COLUMBIA CLERK'S OFFICE PROFESSIONAL ENGINEER LICENSED No. PE40000728

DRAWING NO.

S-501

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