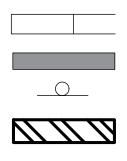
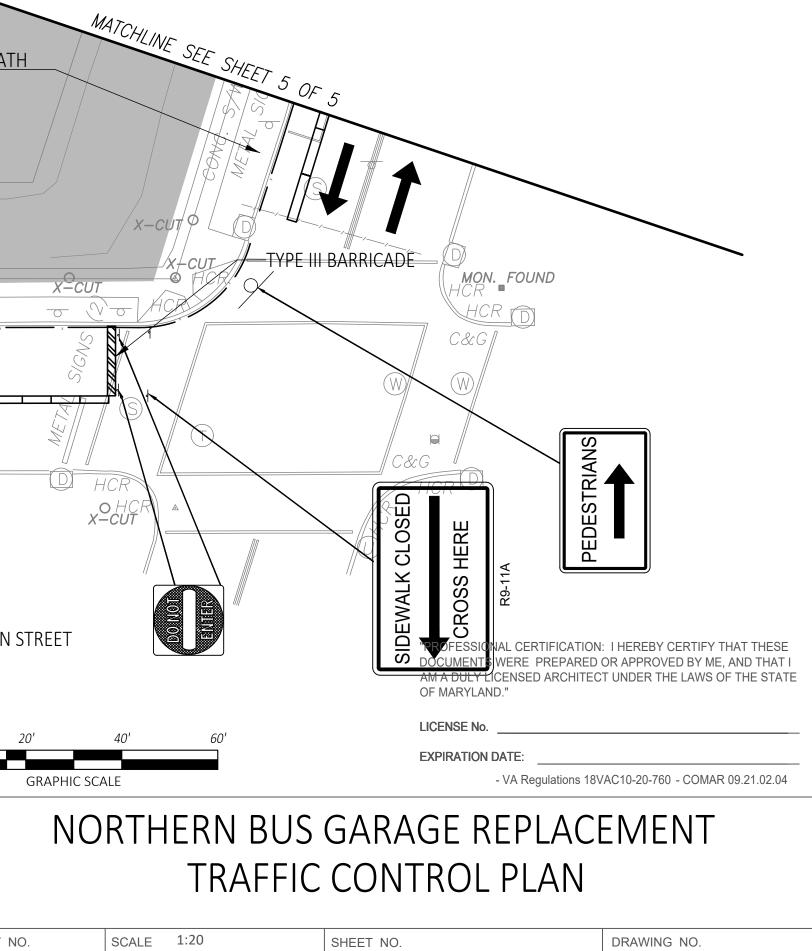


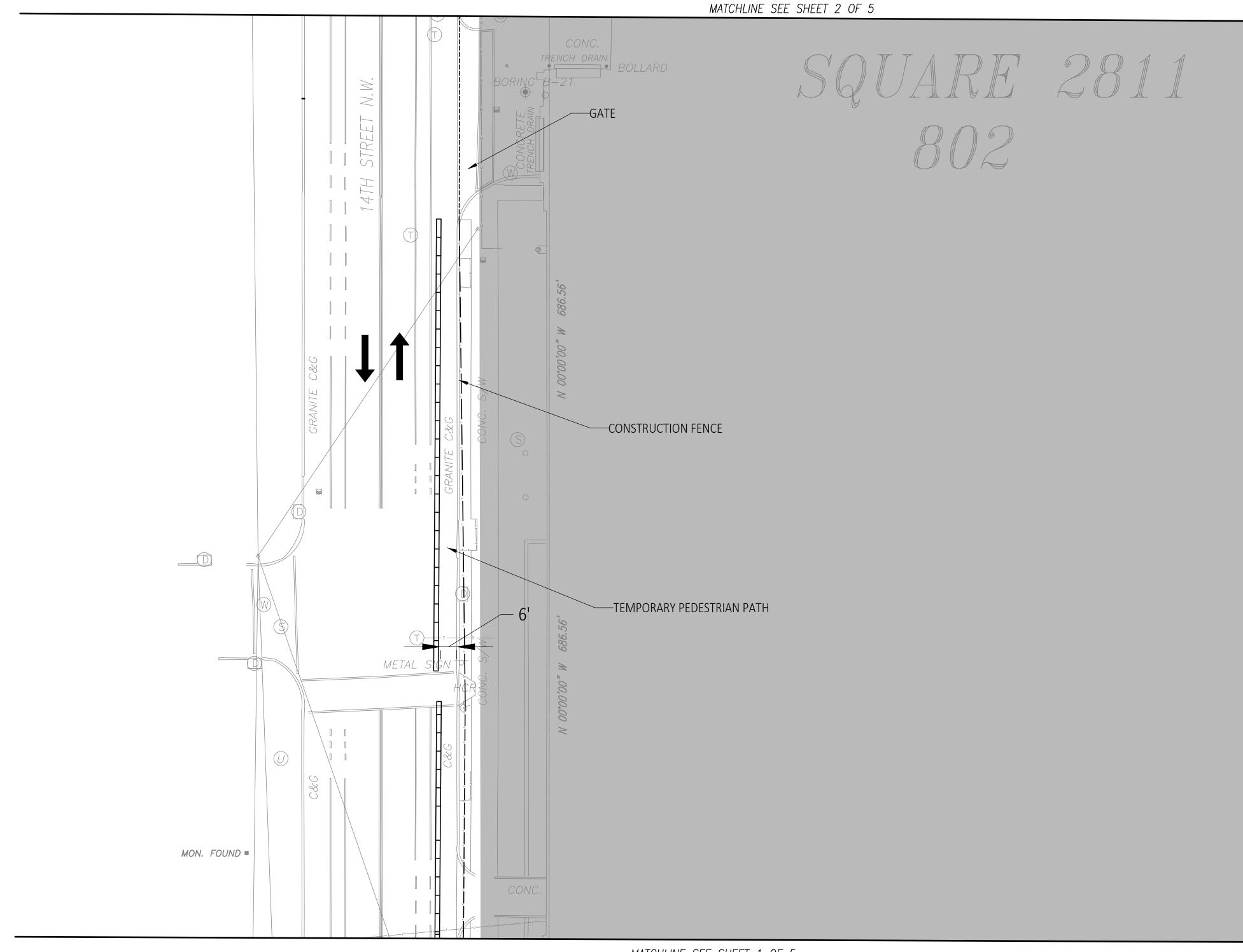
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STRIAN PATH				
	<u>√</u> GATE			
			TEMPORARY PI	
CONCRETE BARRIER	BOLLARD BOLLARD METAL SIGN		CONCRETE BARRIER	
	$\bullet_{CONC.} \cup \bullet_{\Box}$			
CONC. S/W	CONC. APRON	CONC. METAL SIGN		<u>x x</u>
NITE C&G	BUCHANAN STREET N.W.		CONC. CURB	
		, 		
4'	CURB		CURB	
				\bigcirc
RIAN DETOUR TO SOUTH	SIDE OF BUCHANAN STREET	RAFFIC EASTBOUND		
			NO PARKING C	ON BUCHANAN
	PRELIMINARY PROGRESS PRIN	T - NOT CHE	CKED	0'
metro	WASHINGTON METROPOLITAN	AREA TRANS	IT AUTHORITY	
	DEPARTMENT OF CONSTRUC		IGN	
APPROVE	ENGA - ARCHITEC	PROVED		CONTRACT
	DATE	SISTANT CHIEF ENGINEER	DATE	

LEGEND



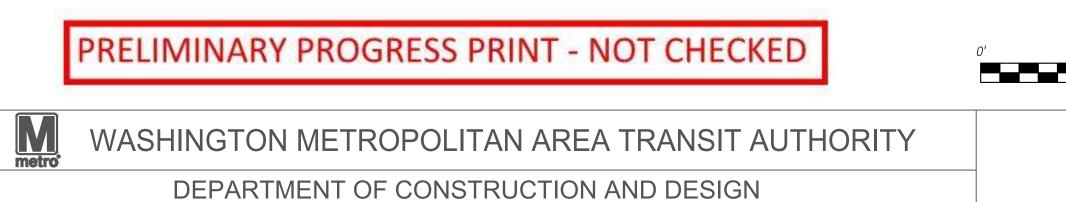
TEMPORARY BARRIER WORK AREA TEMPORARY SIGN TYPE III BARRICADE





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MATCHLINE SEE SHEET 1 OF 5



ENGA - ARCHITECTURE

APPROVED ASSISTANT CHIEF ENGINEER

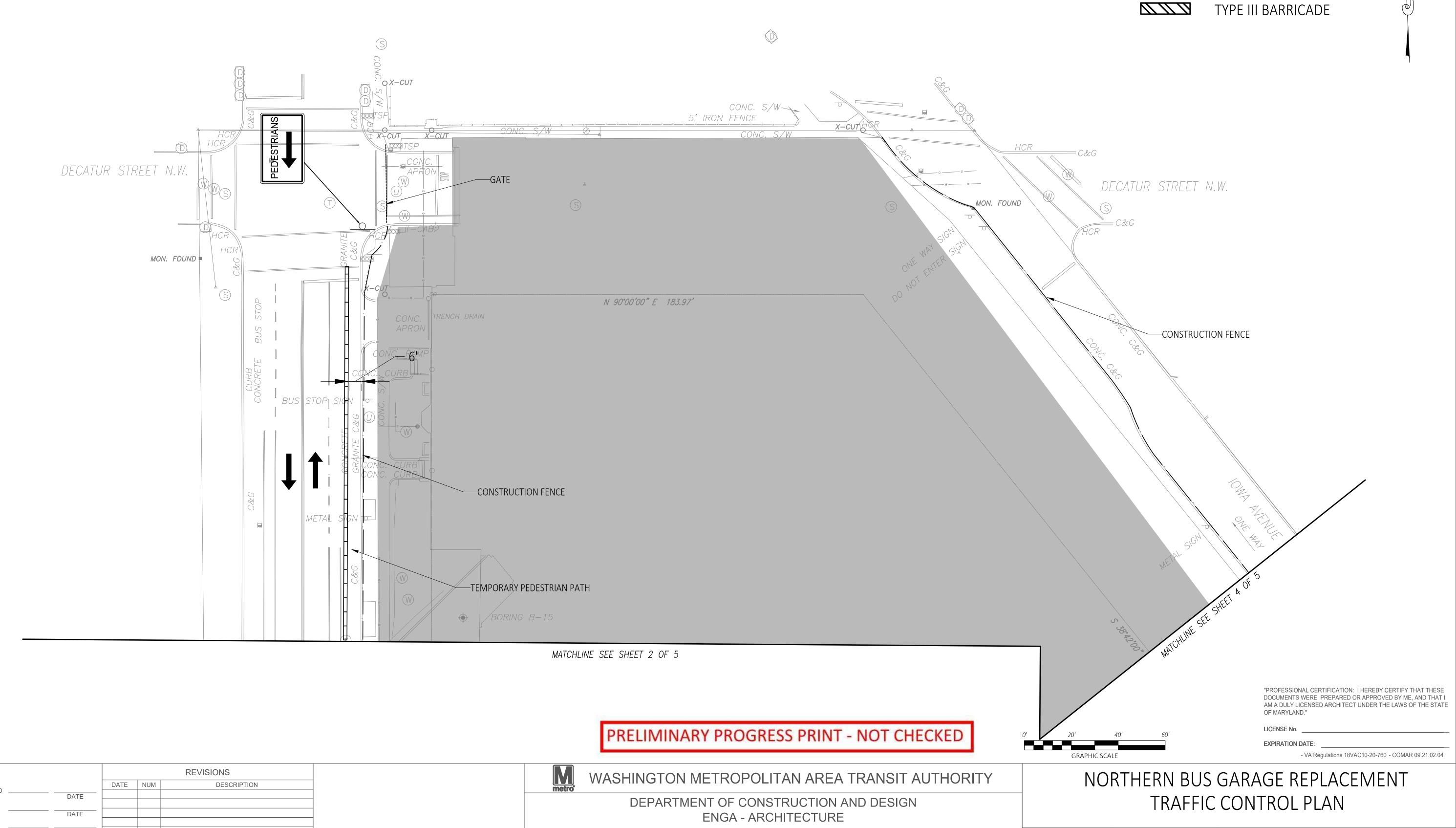
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ASSISTANT CHIEF ENGINEER

APPROVED

CONTRACT NO.

LEGEND 2 **TEMPORARY BARRIER** WORK AREA _____ **TEMPORARY SIGN** d l $\overline{}$ TYPE III BARRICADE MA "PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND." LICENSE No. EXPIRATION DATE: - VA Regulations 18VAC10-20-760 - COMAR 09.21.02.04 **GRAPHIC SCALE** NORTHERN BUS GARAGE REPLACEMENT TRAFFIC CONTROL PLAN SCALE 1:20 SHEET NO. DRAWING NO.



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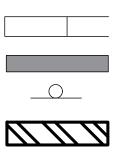
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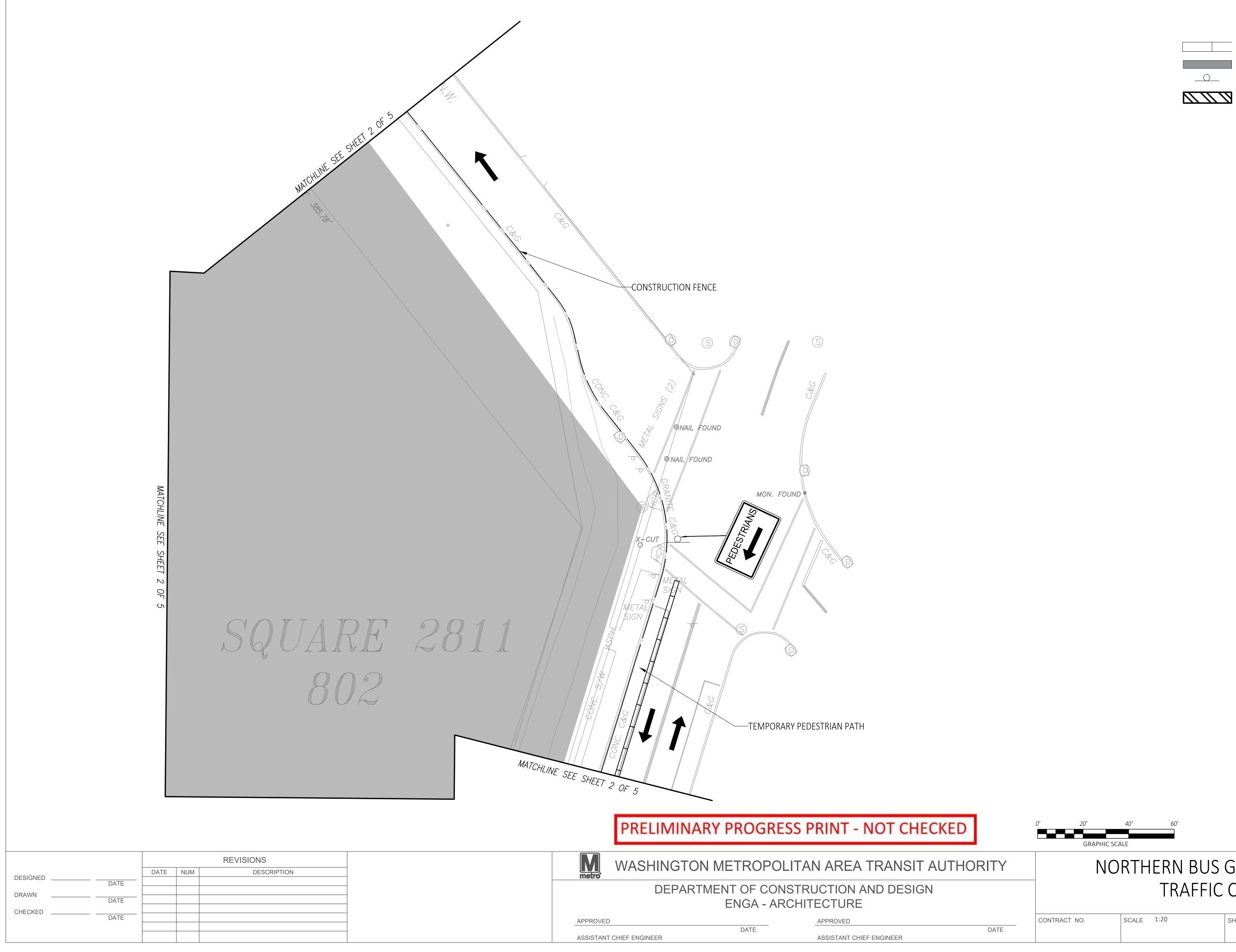
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TEMPORARY BARRIER WORK AREA TEMPORARY SIGN

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NORTHERN BUS GARAGE REPLACEMENT TRAFFIC CONTROL PLAN

- VA Regulations 18VAC10-20-760 - COMAR 09.21.02.04

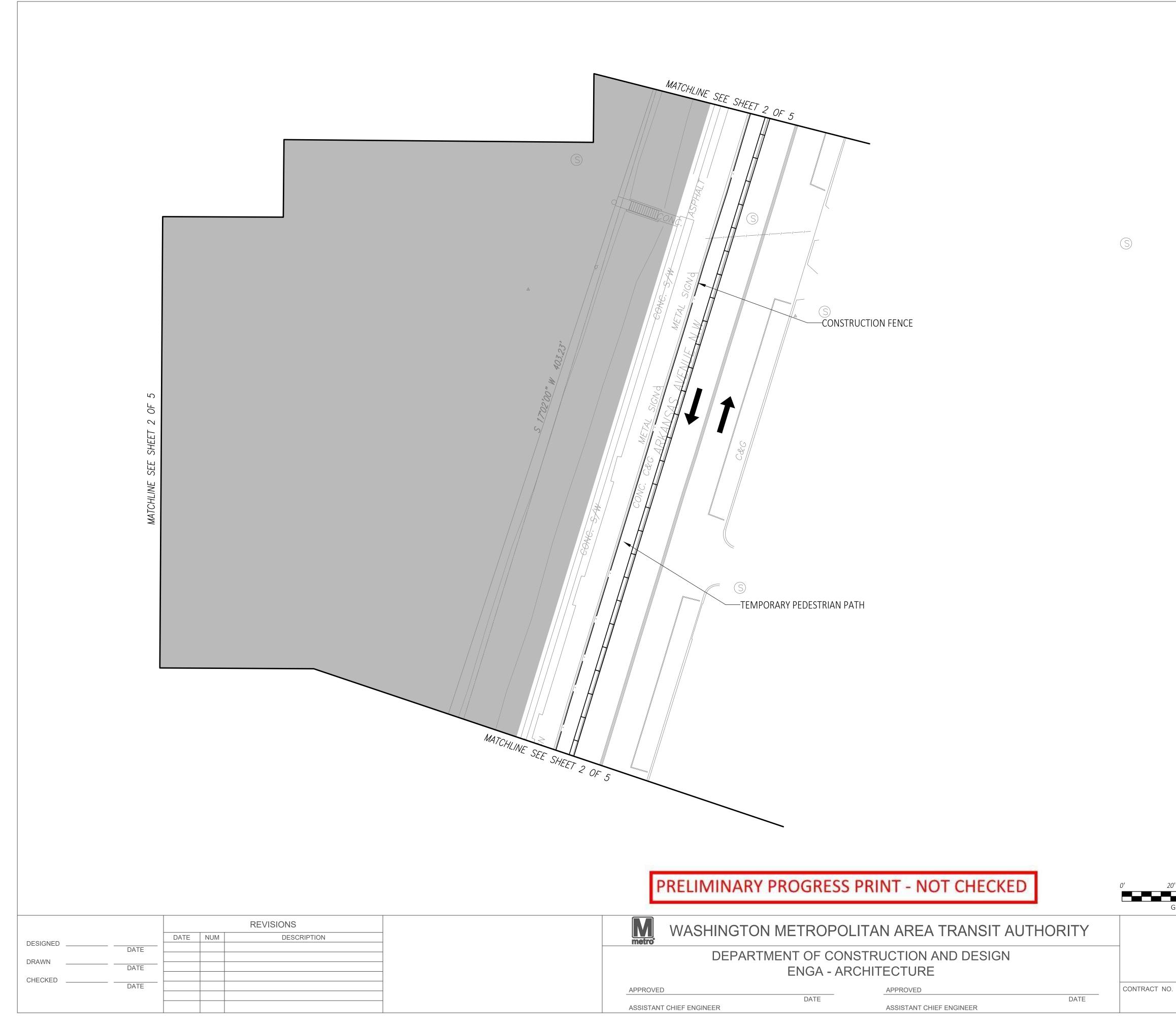
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TEMPORARY BARRIER WORK AREA TEMPORARY SIGN TYPE III BARRICADE

LEGEND





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NORTHERN BUS GARAGE REPLACEMENT TRAFFIC CONTROL PLAN

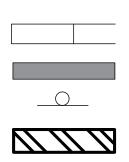


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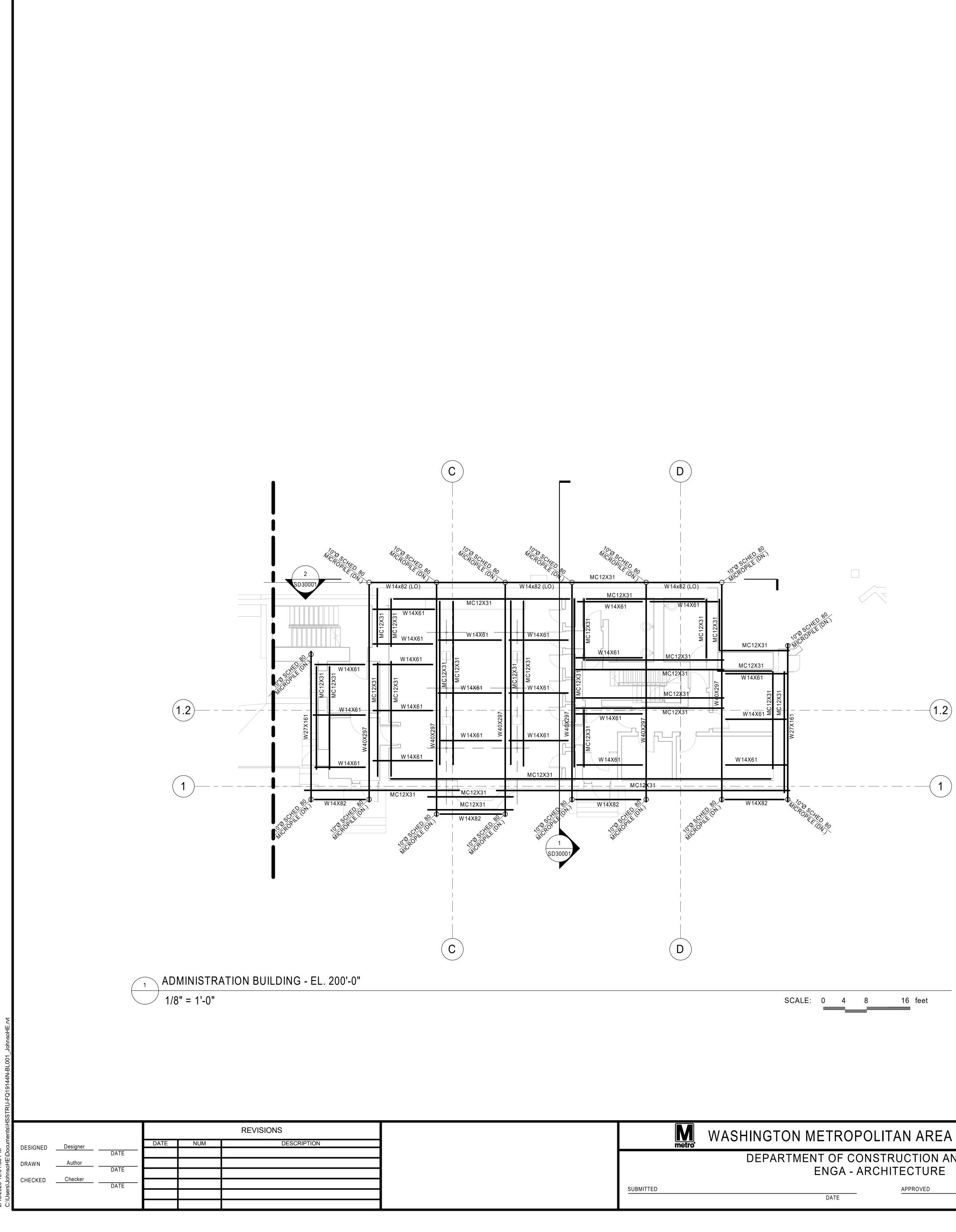
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TEMPORARY BARRIER WORK AREA TEMPORARY SIGN TYPE III BARRICADE

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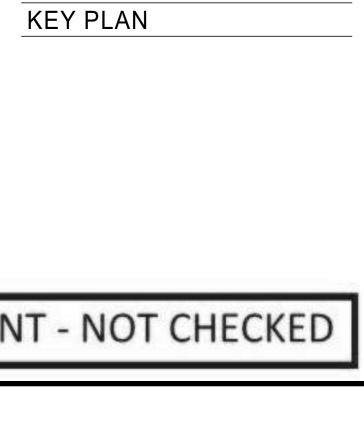
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	DEPARTMENT OF CONSTRUCTION AND DESIGN ENGA - ARCHITECTURE
SUBMITTED	DATE APPROVED

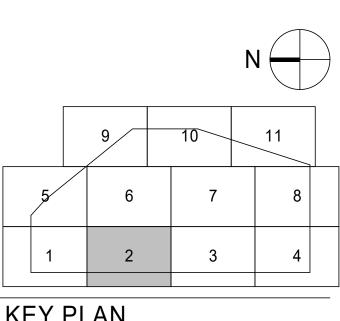
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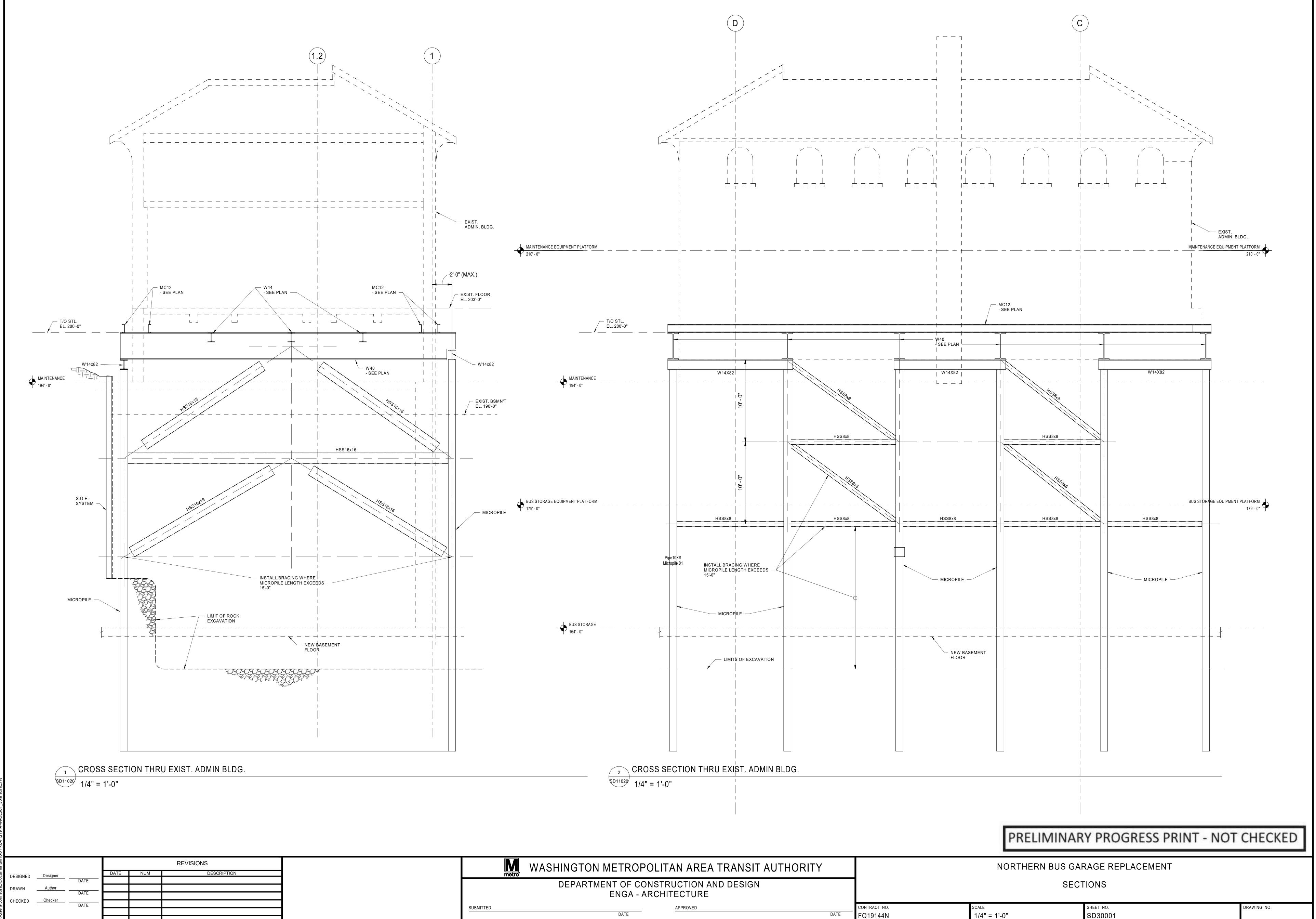
UTHORITY	NORTHERN BUS GARAGE REPLACEMENT			
		ADMINISTRATI	ON BUILDING -	
DATE	CONTRACT NO. FQ19144N	scale 1/8" = 1'-0"	SHEET NO. SD12020	





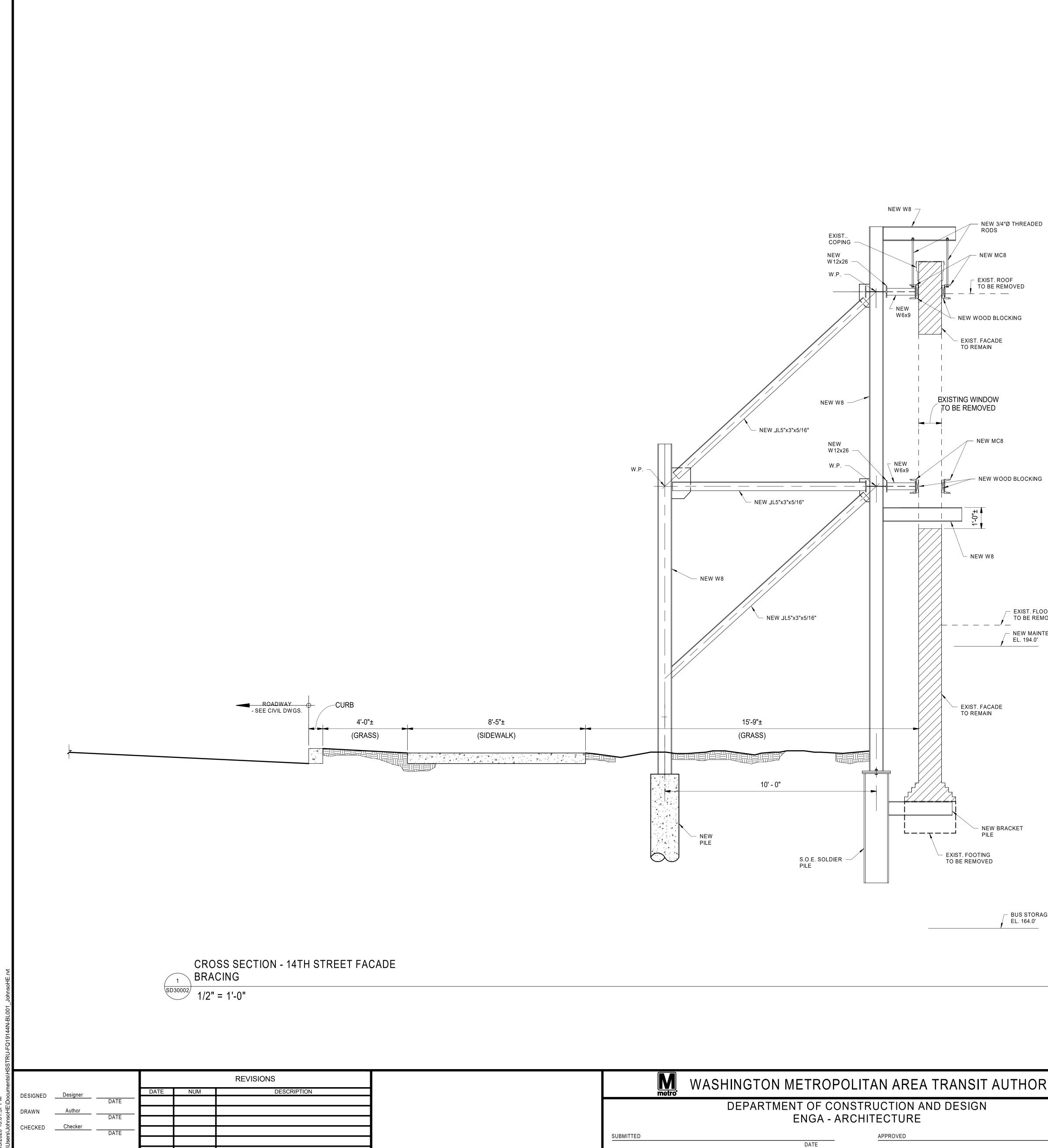




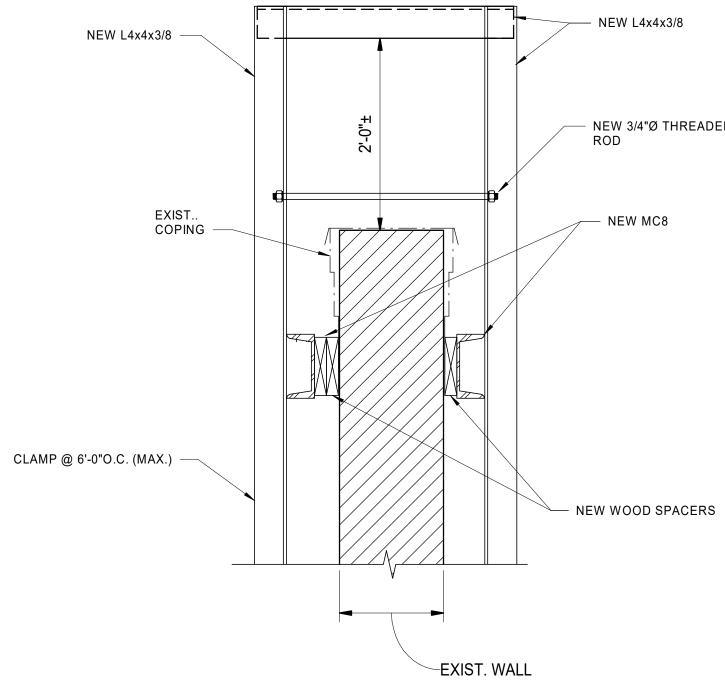


M metro	WASHINGTON METROPOLITAN AR	EA TRANSIT AU
	DEPARTMENT OF CONSTRUCTION ENGA - ARCHITECTUF	
SUBMITTED	DATE APPROVED	

JTHORITY		NORTHERN BUS GAP	RAGE REPLACEMENT
		SECT	IONS
DATE	contract no. FQ19144N	scale 1/4" = 1'-0"	SHEET NO. SD30001



M metro	WASHINGTON METROPOLITAN AREA TRANSIT AU
	DEPARTMENT OF CONSTRUCTION AND DESIGN ENGA - ARCHITECTURE
SUBMITTED	DATE APPROVED



WALL BRACING CLAMP

CROSS SECTION - 14TH STREET FACADE BRACING 1" = 1'-0"

EXIST. FLOOR TO BE REMOVED NEW MAINTENANCE FLOOR EL. 194.0'

BUS STORAGE

PRELIMINARY PROGRESS PRINT - NOT CHECKED

JTHORITY	NORTHERN BUS GARAGE REPLACEMENT		
		SEC1	IONS
DATE	CONTRACT NO. FQ19144N	scale As indicated	SHEET NO. SD30002

DRAWING NO.

NEW 3/4"Ø THREADED ROD

GENERAL NOTES:

- NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
- ALL NEW VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, ETC. WHETHER SHOWN OR NOT) IN FINISHED ROOMS OR AREAS THROUGH OUT BUILDING, NOT ENCASED IN MASONRY, METAL OR WOOD CONSTRUCTION SHALL BE FURRED IN AND FINISH MATERIALS APPLIED TO MATCH ROOM FINISH.
- UNLESS OTHERWISE INDICATED, WHERE EXISTING WALLS OR PARTITIONS ARE REMOVED AND A DIFFERENCE IN CEILING HEIGHTS OCCURS IN ONE ROOM OR AREA, SQUARE OFF THE SPACE BETWEEN THE CEILINGS HORIZONTALLY AND VERTICALLY WITH FURRING CHANNELSAND METAL LATH AND FINISHED WITH PLASTER OR ACOUSTICAL MATERIAL TO MATCH THE EXISTING CEILING FINISH.
- ALL NEW PARTITIONS, UNLESS OTHERWISE SHOWN OR DETAILED, TO BE CONSTRUCTED OFF METAL STUDS OF THICKNESS TO ADEQUATELY COVER PIPING, CONDUITS, ETC.
- PROVIDE AN EDGE STRIP, UNDER ALL DOORS WHERE NEW OR EXISTING FINISHES AND ADJACENT FLOOR ARE AT DIFFERENT LEVELS AND WHERE ADJACENT FLOOR FINISHES ARE OF DIFFERENT MATERIALS.
- EXISTING DOORS, WHICH SWING INTO ROOMS WHERE NEW FLOOR FINISH IS ABOVE ADJACENT FLOORS, SHALL BE UNDERCUT AT BOTTOM TO CLEAR NEW FINISHED FLOOR.
- PROVIDE ACCESS PANELS, MINIMUM 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC. ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS, SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING: (A) METAL STUD OR MASONRY PARTITIONS (B) SUSPENDED PLASTER OR GYPSUM WALLBOARD CEILINGS

WHERE PAINT IS CALLED FOR ON WALLS IN RENOVATED 8. ROOMS IN EXISTING CONSTRUCTION, PAINT ALL WALLS. WHERE NO PAINT IS INDICATED IN AREAS WHERE PATCHING IS REQUIRED, PAINT NEW WORK TO MATCH EXISTING ADJOINING SURFACES AND EXTEND TO NEAREST INTERSECTION. WHERE THE ROOM FINISH SCHEDULE CALLS FOR A NEW 10. CEILING, REMOVE THE EXISTING CEILING AND

17

19

20.

PROVIDE FIRE EXTINGUISHER CABINETS OF THE TYPE 11. SPECIFIED. REFER TO FLOOR PLANS FOR LOCATIONS.

SUSPENSION SYSTEM COMPLETELY.

- 12. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FACE OF STUD FRAMING OR MASONRY UNLESS OTHERWISE NOTED.
- WHERE THE ROOM FINISH SCHEDULE FOR EXISTING 13. CONSTRUCTION CALLS FOR A NEW MATERIAL, THE ENTIRE ROOM IS TO RECEIVE THE NEW MATERIAL. WHERE THE ROOM FINISH SCHEDULE CALLS FOR BOTH PATCHING AND A NEW MATERIAL, THE NEW MATERIAL IS LIMITED TO AREAS OF NEW CONSTRUCTION WITHIN THAT ROOM ONLY.
- WHERE A NEW DOOR, VIEW WINDOW OR OPENING IS CUT 14. THROUGH AN EXISTING MASONRY WALL, PROVIDE A LOOSE LINTEL AS REQUIRED ON THE LOOSE LINTEL SCHEDULE INDICATED ON THE STRUCTURAL DRAWINGS OR SPECIFICATIONS.
- VERIFY ALL DIMENSIONS SHOWN IN RENOVATED AREAS 15. IN THE FIELD BEFORE PROCEEDING WITH WORK.
- IN ALL ROOMS BELOW AREAS WHICH RECEIVE UNDER 16. FLOOR SERVICES, REMOVE A PORTION OF EXISTING CEILING BELOW AS REQUIRED. RESORE OR REPLACE REMOVED CEILING AREAS TO MATCH EXISTING OR AS INDICATED ON ROOM FINISH SCHEDULE.

NO

NOM

Number

Nominal

ABBREVIATIONS:

ABBH	REVIATIONS:
A/C	Air Condition
AB	Anchor Bolt
AC	Asphaltic Concrete
ACP	Acoustical Ceiling Panel
ACS DR	Access Door
ACT	Accoustical Ceiling Tile
ADDM	Addendum
ADJ	Adjacent/Adjustable
AFF	Above Finished Floor
AFG	Above Finished Grade
AHU	Air Handling Unit
ALT	Alternate
ALUM	Aluminum
AMT	Amount
ANOD	Anodize
APPROX	Approximately
ARCH	Architect
ASSY	Assembly
AV	Audio Visual
AWG	America Wire Gauge
BD	Board
BITUM	Bituminous
BLDG	Building
BM	Beam/Bench Mark
BOT	Bottom
BS	Both Sides
BSMT	Basement
BTU	British Thermal Unit
BTWN	Between
BUR BW	Built Up Roofing
С	Both Ways Channel
C TO C	Center To Center
CAB	Cabinet
CB	Catch Basin
CEM	Cement
CG	Corner Guard
CGFSU	Ceramic Glazed Structural Facing Units
CH	Clothes Hook
CH BD	Chalk Board
CI	Cast Iron
CJ	Control Joint
CL	Center Line
CLG	Ceiling
CLL	Contract Limit Line
CLO	Closet
CLOS	Closure
CLR	Clear
CLRM	Classroom
CMP	Corrugated Metal Pipe
CMU	Concrete Masonry Unit
CO	Cleanout
COL	Column
COMB	Combination
COMP	Component
CONC	Concrete
COND	Condenser
CONF	Conference
CONN	Connect
CONSTR	Construction
CONT	Continue
CONTR	Contractor
COORD	Coordinate
CORR	Corridor
CP	Concrete Pipe
CPRS	Compressible
CPT	Carpet
CRS	Cold Rolled Steel
CT	Ceramic Tile
CUST	Custodian
D	Deep/Depth
DBL	Double
DEMO	Demolition
DEPT	Department Detail
DET	Detail
DF	Drinking Fountain
DH	Double Hung
DI	Drop Inlet
DIA	Diameter
DIAG	Diagonal
DIFF	Diffuser
DIM	Dimension
DISP	Dispenser
DN	Down
	Demontable Partition
DR	Door
DS	Down Spout
DWG	Drawing
DWR	Drawer
Е	East
EA	Each
EF	Each Face
EIFS	Exterior Insulation & Finish System
EJ	Expansion Joint
EL	Elevation
ELEC	Electrical
ELEV	Elevator
ENCL	Enclosure
EP	Electrical Panel

EPDM	Ethylene Propylene Diene Monomer
EQ	Equal
EQUIP EWC	Equipment Electric Water Cooler
EXC	Excavate
EXH FN	Exhaust Fan
EXP	Expansion/Exposed
EXST	Existing
EXT EXTRU	Exterior Extrusion
F/F	Face to Face
FCU	Fan Coil Unit
FD	Floor Drain
FDTN	Foundation
FE FEC	Fire Extinguisher Fire Extinguisher Cabinet
FF	Finished Face
FH	Fire Hydrant
FHC	Fire Hose Cabinet
FIN	Finish
FLASH FLR	Flashing Floor
FOC	Face of Concrete
FOM	Face of Masonry
FR	Frame
FRG FT	Fiber Reinforced Gypsum Feet/Foot
FTG	Footing
FTR	Finned Tube Radation
FURG	Furring
G	Natural Gas
GA GAL	Gage Gallon
GALV	Galvanized
GB	Grab Bar
GC	General Contractor
GDR	Guard Rail
GL GLZ CMU	Glass Glazed Concrete Masonry Unit
GR LN	Grade Line
GYP	Gypsum
GYP BD	Gypsum Wall Board
H HB	High Hose Bibb
НС	Handicap
HD	Hand Dryer
HDW	Hardware
HM	Hollow Metal
HORIZ HT	Horizontal Height
HVAC	Heating, Ventilating, and Air
	Conditioning
HVY	Heavy
HYD ID	Hydrant Inside Diameter
IF	Inside Face
INCL	Included
INSUL	Insulation
INSUL PNL	Insulated Metal Panel
INT INV	Interior Invert
IP	Iron Pipe
IPS	Iron Pipe Size
JAN	Janitor
LAB LAM	Laboratory Laminate
LAV	Lavatory
LBS	Pound
LF	Linear Feet (Foot)
LH LHR	Left Hand Left Hand Reverse
LIN	Linear
LKR	Locker
LLH	Long Leg Horizontal
LLV	Long Leg Vertical
LOC LPT	Location Lowpoint
LT	Light
LVR	Louver
MATL	Material
MAX MB	Maximum Machine Bolt
MECH	Mechanical
MED	Medium
MEZZ	Mezzanine
MFG	Manufacturing Manufacturer
MFR MH	Manufacturer Manhole
MIN	Minimum
MIRR	Mirror
MISC	Miscellaneous Millwork
MLWK MO	Millwork Masonry Opening
MT	Metal Threhold
MTD	Mounted
MTLP	Metal Partition
N	North
NA NIC	Not Applicable Not In Contract

Excavate
Exhaust Fan
Expansion/Exposed
Existing
Exterior
Extrusion
Face to Face
Fan Coil Unit Floor Drain
Floor Drain
Fire Extinguisher
Fire Extinguisher Cabinet
Finished Face
Fire Hydrant
Fire Hose Cabinet
Finish
Flashing
Floor
Face of Concrete
Face of Masonry Frame
Fiber Reinforced Gypsum
Feet/Foot
Footing
Finned Tube Radation
Furring
Natural Gas
Gage
Gallon
Galvanized Grab Bar
General Contractor
Guard Rail
Glass
Glazed Concrete Masonry Unit
Grade Line
Gypsum
Gypsum Wall Board
High
Hose Bibb
Handicap
Hand Dryer
Hardware Hollow Metal
Horizontal
Height
Heating, Ventilating, and Air
Conditioning
Heavy
Hydrant
Inside Diameter
Inside Face
Included Insulation
Insulated Metal Panel
Interior
Invert
Iron Pipe
Iron Pipe Size
Janitor
Laboratory
Laminate
Lavatory
Pound
Linear Feet (Foot) Left Hand
Left Hand Reverse
Linear
Locker
Long Leg Horizontal
Long Leg Vertical
Location
Lowpoint
Light
Light Louver
Light Louver Material
Light Louver Material Maximum
Light Louver Material Maximum Machine Bolt
Light Louver Material Maximum Machine Bolt Mechanical
Light Louver Material Maximum Machine Bolt Mechanical Medium
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole Minimum
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole Minimum Mirror
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole Minimum Mirror Miscellaneous
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole Minimum Mirror Miscellaneous Millwork
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole Minimum Mirror Miscellaneous Millwork Masonry Opening
Light Louver Material Maximum Machine Bolt Mechanical Medium Mezzanine Manufacturing Manufacturer Manhole Minimum Mirror Miscellaneous Millwork Masonry Opening Metal Threhold
Light Louver Material Maximum Machine Bolt

NRC NTS OC OD OF OF/CI OH OPH OPNG Opening OPP Opposite PBD PCC PCF PEJ PERF PGBD PL PLAM PLAS Plaster PLBG Plumbing PLYWD Plywood PREFAB PREFIN Prefinish PSF PSI PT Paint PTD PTN Partition PVC QT QTY Quantity R RA RAD Radiator RB RBR Rubber RCP RCVR Receiver RD REC RECPT REF REINF REQD Required RESIL Resilient RET Return RFG Roofing RH RHR Room RM RO ROW RTU RV South SA SC SCD SCHED Schedule SD SECT Section SF SHC SHR Shower SHT Sheet SHTHG Sheathing SHV Shelving SIM Similar SLNT Sealant SND SNDU SP SP FIN SPEC SQ Square SS SST STC STD Standard STRUCT Structural SUSP Suspend SV SYMM Tread TRR T&G TB TDR TFI TER Terrazzo THK TK BD TOC TOF

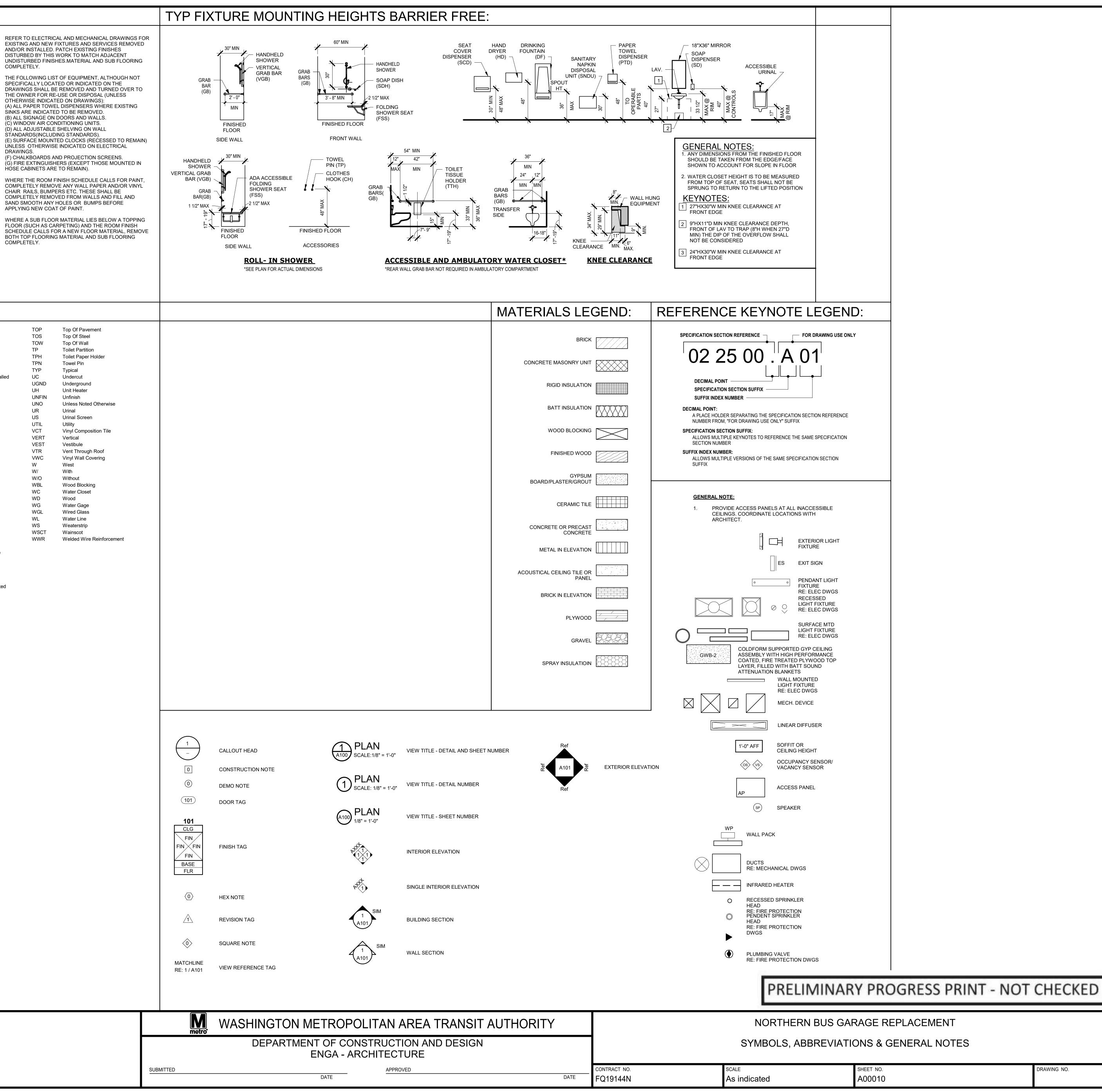
TOJ

Top Of Joist

Noise Reduction Coefficient Not To Scale On Center **Outside Diameter** Outside Face Owner Furnished/Contractor Installed Overhang **Opposite Hand** Particle Board Precast Concrete Pounds Per Cubic Foot Premolded Expansion Joint Perforated Pegboard Property Line Plastic Laminate Prefabricate Pounds Per Square Foot Pounds Per Square Inch Paper Towel Dispense Polyvinyl Chloride Quarry Tile Radius/Riser/Thermal Resistance Return Air Rubber Base Reinforced Concrete Pipe/Reflected Ceiling Plan Roof Drain Recessed Receptacle Reference/Refrigerator Reinforce Roof Hatch/Right Hand Right Hand Reverse Roof Leader Rough Opening Right Of Way Roof Top Unit Roof Vent Supply Air Solid Core Seat Cover Dispenser Soap Dispenser Square Foot (Feet) Shower Curtain Sanitary Napkin Dispenser Sanitary Napkin Disposal Unit Stand Pipe Special Finish Specification Storm Sewer Stainless Steel Sound Transmission Class Sheet Vinyl Symmetrical Top And Bottom Tongue & Groove Tower Bar Trench Drain/Towel Dispenser Towel Dispenser/Receptacle Telephone Thickness Tack Board Top Of Curb/Top Of Concrete Top Of Footing

					REVISIONS
DESIGNED	Designer		DATE	NUM	DESCRIPTION
DRAWN	Author				
CHECKED	Checker				
		DATE			
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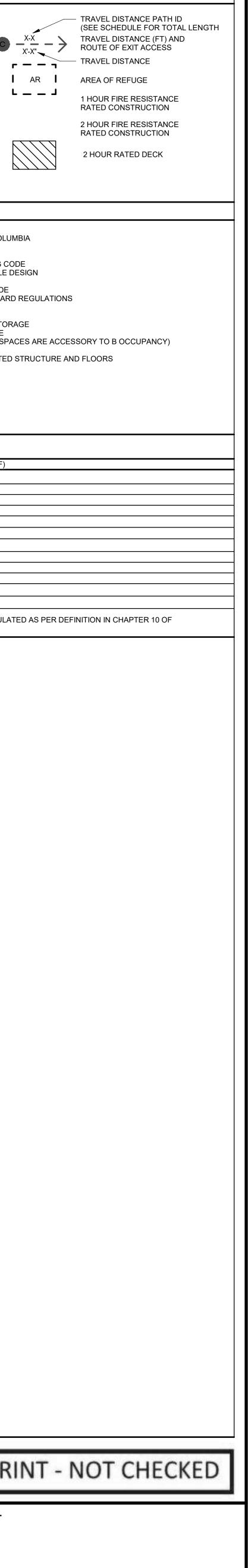
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	CONTRACT NO.	SCALE	SHEET NO.
DATE	FQ19144N	As indicated	A00010

BUILDING CODE NOTES		CODE SYMBOL LEGEND
2013 DISTRICT OF COLUMBIA PLUMBING CODE 1. 403.3 REQUIRED PUBLIC TOILET FACILITIES- CUSTOMERS, PATRONS, AND VISITORS SHALL BE PROVIDED WITH PUBLIC TOILET FACILITIES IN STRUCTURES	27. 1010.1.1 SIZE OF DOORS. THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD THEREOF AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES (813 MM). CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN	(FE) FIRE EXTINGUISHER
AND TENANT SPACES INTENDED FOR PUBLIC UTILIZATION. THE NUMBER OF PLUMBING FIXTURES LOCATED WITHIN THE REQUIRED TOILET FACILITIES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 403 FOR ALL USERS. EMPLOYEES SHALL BE PROVIDED WITH TOILET FACILITIES IN ALL	THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES (1.57 RAD). WHERE THIS SECTION REQUIRES A MINIMUM CLEAR WIDTH OF 332 INCHES (813 MM) AND A DOOR OPENING INCLUDES TWO DOOR LEAVES WITHOUT A MULLION, ONE LEAF SHALL PROVIDE A CLEAR OPENING WIDTH OF	DOOR/PASSAGE/STAIR
OCCUPANCIES. EMPLOYEE TOILET FACILITIES SHALL BE EITHER SEPARATE OR COMBINED EMPLOYEE AND PUBLIC TOILET FACILITES. EXCEPTION: PUBLIC TOILET FACILITIES SHALL NOT BE REQUIRED IN OPEN OR ENCLOSED PARKING GARAGES. TOILET FACILITIES SHALL NOT BE REQUIRED IN PARKING GARAGES WHERE THERE ARE NO PARKING ATTENDANTS.	32 INCHES (813 MM). THE MAXIMUM WIDTH OF A SWINGING DOOR LEAF SHALL BE 48 INCHES (1219 MM) NOMINAL. <i>MEANS OF EGRESS</i> DOORS IN A GROUP I-2 OCCUPANCY USED FOR THE MOVEMENT OF BEDS SHALL PROVIDE A CLEAR WIDTH NOT LESS THAN 41 ½ INCHES (1054 MM). THE HEIGHT OF DOOR OPENINGS SHALL BE NOT LESS THAN 80 INCHES (2032 MM).	EGRESS WIDTH 20 EGRESS CAPACITY
403.3.3 LOCATION OF TOILET FACILITIES IN OCCUPANCIES OTHER THAN MALLS: IN OCCUPANCIES OTHER THAN COVERED AND OPEN MALL BUILDINGS, THE	EXCEPTIONS: 1. THE MINIMUM AND MAXIMUM WIDTH SHALL NOT APPLY TO DOOR OPENINGS THAT ARE NOT PART OF THE REQUIRED MEANS OF	
REQUIRED PUBLIC AND EMPLOYEE TOILET FACILITIES SHALL BE LOCATED NOT MORE THAN ONE STORY ABOVE OR BELOW THE SPACE REQUIRED TO BE PROVIDED WITH TOIET FACILITES, AND THE PATH OF TRAVEL TO SUCH FACILITIES SHALL NOT EXCEED A DISTANCE OF 500 FEET.	<i>EGRESS</i> IN GROUP R-2 AND R-3 OCCUPANCIES. 2. DOOR OPENINGS TO RESIDENT <i>SLEEPING UNITS</i> IN GROUP I-3 OCCUPANCIES SHALL HAVE A CLEAR WIDTH OF NOT LESS THAN 28	RM NO SQUARE FOOTAGE SF OCCUPANT LOAD X XX
2013 DISTRICT OF COLUMBIA BUILDING CODE 1. TABLE 307.1 MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA OF HAZARDOUS MATERIAL POSING A PHYSICAL HAZARD- SEPARATE CHART COORD	INCHES (711 MM). 3. DOOR OPENINGS TO STORAGE CLOSETS LESS THAN 10 SQUARE FEET (0.93 M ²) IN AREA SHALL NOT BE LIMITED BE THE MINIMUM	
WITH STV 2. *406.4.3 VEHICLE BARRIERS. VEHICLE BARRIERS NOT LESS THAN 2 FEET 9 INCHES IN HEIGHT SHALL BE PLACED WHERE THE VERTICAL DISTANCE FROM	WIDTH.	EXIT ORIGIN POINT
THE FLOOR OF A DRIVE LANE OR PARKING SPACE TO THE GROUND OR SURFACE DIRECTLY BELOW IS GREATER THAN 1 FOOT. VEHICLE BARRIERS SHALL COMPLY WITH THE LOADING REQUIREMENTS OF SECTION 1607.8.3.	4. WIDTH OF DOOR LEAVES IN REVOLVING DOORS THAT COMPLY WITH SECTION 1010.1.4.1 SHALL NOT BE LIMITED.	
3. 406.8.1 MIXED USES. MIXED USES SHALL BE ALLOWED IN THE SAME BUILDING AS A REPAIR GARAGE SUBJECT TO THE PROVISIONS OF SECTION 508.1.	 DOOR OPENINGS WITHIN A <i>DWELLING UNIT</i> OR <i>SLEEPING UNIT</i> SHALL BE NOT LESS THAN 78 INCHES (1981 MM) IN HEIGHT. EXTERIOR DOOR OPENINGS IN <i>DWELLING UNITS</i> AND <i>SLEEPING UNITS</i>, OTHER THAN THE REQUIRED <i>EXIT</i> DOOR, SHALL NOT BE 	
4. 503.1.3 TYPE 1 CONSTRUCTION. BUILDINGS OF TYPE 1 CONSTRUCTION PERMITTED TO BE OF UNLIMITED TABULAR BUILDING HEIGHTS AND AREAS ARE NOT SUBJECT TO THE SPECIAL REQUIREMENTS THAT ALLOW UNLIMITED AREA BUILDINGS IN SECTION 507 OR UNLIMITED BUILDING HEIGHT IN SECTIONS	LESS THAN 76 INCHES (1930 MM) IN HEIGHT.	CODE COMPLIANCE
 503.1.1 AND 504.3 OR INCREASED BUILDING HEIGHTS AND AREAS FOR OTHER TYPES OF CONSTRUCTION. 504.2 MIXED OCCUPANCY. IN A BUILDING CONTAINING MIXED OCCUPANCIES IN ACCORDANCE WITH SECTION 508, NO INDIVIDUAL OCCUPANCY SHALL 	7. IN OTHER THAN GROUP R-1 OCCUPANCIES, THE MINIMUM WIDTHS SHALL NOT APPLY TO INTERIOR EGRESS DOORS WITHIN A DWELLING UNIT OR SLEEPING UNIT THAT IS NOT REQUIRED TO BE AN ACCESSIBLE UNIT, TYPE A UNIT OR TYPE B UNIT.	LOCATION: 4615 14TH STREET, NW WASHINGTON, DISTRICT OF COLUM
EXCEED HEIGHT AND NUMBER OF STORY LIMITS SPECIFIED IN THIS SECTION FOR THE APPLICABLE OCCUPANCIES.	8. DOOR OPENINGS REQUIRED TO BE ACCESSIBLE WITHIN TYPE B UNITS SHALL HAVE A MINIMUM CLEAR WIDTH OF 31.75 INCHES (806 MM).	APPLICABLE CODES: 1.) 2013 DISTRICT OF COLUMBIA BUILDING CO
6. ALLOWABLE BUILDING HEIGHT PER TABLE 504.3 IIB CONSTRUCTION- 75' IA CONSTRUCTION- UNLIMITED	9. DOORS TO WALK-IN FREEZERS AND COOLERS LESS THAN 1,000 SQUARE FEET (93 M ²) IN AREA SHALL HAVE A MAXIMUM WIDTH OF 60 INCHES (1524 MM).	2.) 2010 ADA STANDARDS FOR ACCESSIBLE D 3.) 2012 INTERNATIONAL BUILDING CODE
7. ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE PER TABLE 504.4	10. IN GROUP R-1 <i>DWELLING UNITS</i> OR <i>SLEEPING UNITS</i> NOT REQUIRED TO BE <i>ACCESSIBLE UNITS</i> , THE MINIMUM WIDTH SHALL NOT APPLY TO DOORS FOR SHOWERS OR SAUNAS.	4.)2011 NFPA 70 NATIONAL ELECTRIC CODE5.)521 CMR ARCHITECTURAL ACCESS BOARD
IIB CONSTRUCTION- A3-3 S1-3	28. 1010.1.2.1 DIRECTION OF SWING. PIVOT OR SIDE-HINGED SWINGING DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A	OCCUPANCY CLASSIFICATION: MIXED USE S1: MODERATE-HAZARD STOR
S2-4 B-4	 ROOM OR AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS OR A GROUP H OCCUPANCY. 29. 1010.1.6 LANDINGS AT DOORS. LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE STAIRWAY OR THE DOOR, WHICHEVER IS GREATER. 	S2: LOW-HAZARD STORAGE B: BUSINESS (ASSEMBLY SPA
M-3 IA CONSTRUCTION- UNLIMITED	DOORS IN THE FULLY OPEN POSITION SHALL NOT REDUCE A REQUIRED DIMENSION BY MORE THAN 7 INCHES (178 MM). WHERE A LANDING SERVES AN OCCUPANT LOAD OF 50 OR MORE, DOORS IN ANY POSITION SHALL NOT REDUCE THE LANDING TO LESS THAN ONE-HALF ITS REQUIRED WIDTH. LANDINGS	TYPE OF CONSTRUCTION: TYPE IIB WITH 3 HR RATED
8. TABLE 506.2 ALLOWABLE AREA FACTOR IN SF IIB CONSTRUCTION-	SHALL HAVE A LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES (1118 MM). EXCEPTION: LANDING LENGTH IN THE DIRECTION OF TRAVEL IN GROUPS R-3 AND U AND WITHIN INDIVIDUAL UNITS OF GROUP R-2 NEED NOT EXCEED 36 INCHES (914 MM).	FULLY SPRINKLERED: YES GRADE PLANE:
A3-28,500 S1- 52,500 S2-78,000	30. 1011.2 WIDTH AND CAPACITY. THE REQUIRED CAPACITY OF <i>STAIRWAYS</i> SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1, BUT THE MINIMUM	BUILDING HEIGHT:
B- 57,000 M- 37,500	WIDTH SHALL BE NOT LESS THAN 44 INCHES (1118 MM). SEE SECTION 1009.3 FOR ACCESSIBLE MEANS OF EGRESS STAIRWAYS. EXCEPTIONS:	
IA CONSTRUCTION- UNLIMITED 9. SECTION 506.2.4 MIXED OCCUPANCY, MULTISTORY BUILDINGS. EACH STORY OF A MIXED-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE	 STAIRWAYS SERVING AN OCCUPANT LOAD OF LESS THAN 50 SHALL HAVE A WIDTH OF NOT LESS THAN 36 INCHES (914 MM). SPIRAL STAIRWAYS AS PROVIDED FOR IN SECTION 1011.10. 	BUILDING AREA SUMMARY (GROSS FLOOR AREA)
GRADE PLANE SHALL INDIVIDUALLY COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 508.1.	3. WHERE AN INCLINE PLATFORM LIFT OR STAIRWAY CHAIRLIFT IS INSTALLED ON <i>STAIRWAYS</i> SERVING OCCUPANCIES IN GROUP R-3,	AREA (SF) <u>01- BUS STORAGE AND SERVICE</u>
10. 507.5 TWO STORY BUILDINGS. THE AREA OF A GROUP B, F, M, OR S BUILDING NO MORE THAN 2 STORIES ABOVE GRADE PLANE SHALL NOT BE LIMITED WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 AND IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60 FEET.	OR WITH <i>DWELLING UNITS</i> IN OCCUPANCIES IN GROUP R-2, A CLEAR PASSAGE WIDTH NOT LESS THAN 20 INCHES (508 MM) SHALL BE PROVIDED. WHERE THE SEAT AND PLATFORM CAN BE FOLDED WHEN NOT IN USE, THE DISTANCE SHALL BE MEASURE FROM THE FOLDED POSITION.	BUS STORAGE SF SERVICE AREA SF
ACCESSORY OCCUPANCIES- VERIFY WITH DENIS HOW THIS NEEDS TO BE REPRESENTED IN MIXED USE.	31. 1011.3 HEADROOM. STAIRWAYS SHALL HAVE A HEADROOM CLEARANCE OF NOT LESS THAN 80 INCHES (2032 MM) MEASURED VERTICALLY FROM A LINE	SUB-TOTAL SF 02- MAINTENANCE AND OPERATIONS
TALK TO MECHANICAL ABOUT TABLE 509. INCIDENTAL USES. CAN'T BE MORE THAN 10%	CONNECTING THE EDGE OF THE NOSINGS. SUCH HEADROOM SHALL BE CONTINUOUS ABOVE THE STAIRWAY TO THE POINT WHERE THE LINE INTERSECTS THE LANDING BELOW, ONE TREAD DEPTH BEYOND THE BOTTOM RISER. THE MINIMUM CLEARANCE SHALL BE MAINTAINED THE FULL WIDTH OF THE STAIRWAY AND LANDING.	MAINTENANCE OPERATIONS
11. TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) TYPE 1A PRIMARY STRUCTURAL FRAME- 3	EXCEPTIONS: 1. SPIRAL STAIRWAYS COMPLYING WITH SECTION 1011.10 ARE PERMITTED A 78-INCH (1981 MM) HEADROOM CLEARANCE.	OPERATIONS SUB-TOTAL ROOF- CAR PARKING SF
BEARING WALLS- 3 NONBEARING EXTERIOR-BASED ON TABLE 602. 0 HRS IF SEPARATED BY 30' OR MORE	2. IN GROUP R-3 OCCUPANCIES; WITHIN <i>DWELLING UNITS</i> IN GROUP R-2 OCCUPANCIES; AND IN GROUP U OCCUPANCIES THAT ARE ACCESSORY TO A GROUP R-3 OCCUPANCY OR ACCESSORY TO INDIVIDUAL <i>DWELLING UNITS</i> IN GROUP R-2 OCCUPANCIES; WHERE THE <i>NOSINGS</i> OF TREADS AT THE SIDE OF A <i>FLIGHT</i> EXTEND UNDER THE EDGE OF A FLOOR OPENING THROUGH WHICH THE	TOTAL AREA SF
NONBEARING INTERIOR- 0 FLOOR CONSTRUCTION- 2	STAIR PASSES, THE FLOOR OPENING SHALL BE ALLOWED TO PROJECT HORIZONTALLY INTO THE REQUIRED HEADROOM NOT MORE THAN 4 ¾ INCHES (121 MM).	IUTAL AREA SF
ROOF CONSTRUCTION- 1.5 12. TABLE 910.3 REQUIREMENTS FOR DRAFT CURTAINS AND SMOKE AND HEAT VENTS: WORK THROUGH CALCULATIONS	32. 1011.6 STAIRWAY LANDINGS. THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH <i>STAIRWAY</i> . THE WIDTH OF LANDINGS SHALL BE NOT LESS THAN THE WIDTH OF <i>STAIRWAYS</i> SERVED. EVERY LANDING SHALL HAVE A MINIMUM WIDTH MEASURE PERPENDICULAR TO THE DIRECTION OF	NOTE: GROSS SQUARE FOOTAGES HAVE BEEN CALCULAT THE 2012 IBC.
13. 1005.3.1 STAIRWAYS. THE CAPACITY, IN INCHES, OF MEANS OF EGRESS STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD	TRAVEL EQUAL TO THE WIDTH OF THE <i>STAIRWAY</i> . WHERE THE <i>STAIRWAY</i> HAS A STRAIGHT RUN THE DEPTH NEED NOT EXCEED 48 INCHES (1219 MM). DOORS OPENING ONTO A LANDING SHALL NOT REDUCE THE LANDING TO LESS THAN ONE-HALF THE REQUIRED WIDTH. WHEN FULLY OPEN, THE DOOR SHALL NOT PROJECT MORE THAN 7 INCHES (178 MM) INTO A LANDING IN ACCORDANCE WITH SECTION 1009.6.3, THE <i>WHEELCHAIR SPACE</i> SHALL NOT BE	
SERVED BY SUCH <i>STAIRWAYS</i> BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCH (7.6MM) PER OCCUPANT. WHERE <i>STAIRWAYS</i> SERVE MORE THAN ONE STORY, ONLY THE OCCUPANT LOAD OF EACH STORY CONSIDERED INDIVIDUALLY SHALL BE USED IN CALCULATING THE REQUIRED CAPACITY OF THE <i>STAIRWAYS</i> SERVING THAT STORY.	LOCATED IN THE REQUIRED WIDTH OF THE LANDING AND DOORS SHALL NOT SWING OVER THE WHEELCHAIR SPACES. EXCEPTION: WHERE STAIRWAYS CONNECT STEPPED AISLES TO CROSS AISLES OR CONCOURSES, STAIRWAY LANDINGS ARE NOT REQUIRED AT	
14. 1005.3.2 OTHER EGRESS COMPONENTS. THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE	THE TRANSITION BETWEEN <i>STAIRWAYS</i> AND STEPPED <i>AISLES</i> CONSTRUCTED IN ACCORDANCE WITH SECTION 1029. 33. 1017.2.2 GROUP F-1 AND S-1 INCREASE. THE MAXIMUM <i>EXIT ACCESS</i> TRAVEL DISTANCE SHALL BE 400 FEET (122 M) IN GROUP F-1 OR S-1 OCCUPANCIES	
CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH (5.1 MM) PER OCCUPANT.	WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET: 1. THE PORTION OF BUILDING CLASSIFIED AS GROUP F-1 OR S-1 IS LIMITED TO ONE STORY IN HEIGHT.	
15. 1005.7.1 DOORS. DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7 INCHES (178 MM). DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE-HALF.	2. THE MINIMUM HEIGHT FROM THE FINISHED FLOOR TO THE BOTTOM OF THE CEILING OR ROOF SLAB OR DECK IS 24 FEET (7315 MM).	
EXCEPTIONS: 1. SURFACE-MOUNTED LATCH RELEASE HARDWARE SHALL BE EXEMPT FROM INCLUSION IN THE 7-INCH MAXIMUM (178 MM) ENCROACHMENT WHERE BOTH OF THE FOLLOWING CONDITIONS EXIST:	3. THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1	
1.1. THE HARDWARE IS MOUNTED TO THE SIDE OF THE DOOR FACING AWAY FROM THE ADJACENT WALL WHERE THE DOOR IS	34. TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE ^A	
IN THE OPEN POSITION. 1.2. THE HARDWARE IS MOUNTED NOT LESS THAN 34 INCHES (865 MM) NOR MORE THAN 48 INCHES (1219 MM) ABOVE THE	35. 1020.4 DEAD ENDS. WHERE MORE THAN ONE <i>EXIT OR EXIT ACCESS DOORWAY</i> IS REQUIRED, THE <i>EXIT ACCESS</i> SHALL BE ARRANGED SUCH THAT THERE ARE NO DEAD ENDS IN <i>CORRIDORS</i> MORE THAN 20 FEET (6096 MM) IN LENGTH.	
FINISHED FLOOR.	EXCEPTIONS: 1. IN OCCUPANCIES IN GROUP I-3 OF CONDITION 2, 3 OR 4, THE DEAD END IN A CORRIDOR SHALL NOT EXCEED 50 FEET (15,240 MM).	
2. THE RESTRICTIONS ON DOOR SWING SHALL NOT APPLY TO DOORS WITHIN INDIVIDUAL <i>DWELLING UNITS</i> AND <i>SLEEPING UNITS</i> OF GROUP R-3 OCCUPANCIES. GROUP R-2 OCCUPANCIES AND <i>DWELLING UNITS</i> OF GROUP R-3 OCCUPANCIES.	2. IN OCCUPANCIES IN GROUPS B, E, F, I-1, M, R-1, R-2, R-4, S AND U, WHERE THE BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1, THE LENGTH OF THE DEAD-END CORRIDORS SHALL NOT EXCEED 50	
16. 1005.7.2 OTHER PROJECTIONS. <i>HANDRAIL</i> PROJECTIONS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 1014.8. OTHER NONSTRUCTURAL PROJECTIONS SUCH AS TRIM AND SIMILAR DECORATIVE FEATURES SHALL BE PERMITTED TO PROJECT INTO THE REQUIRED WIDTH NOT MORE THAN 1 ½	FEET (15,240 MM).	
INCHES (38MM) ON EACH SIDE. EXCEPTION: PROJECTIONS ARE PERMITTED IN CORRIDORS WITHIN GROUP I-2 CONDITION 1 IN ACCORDANCE WITH SECTION 407.4.3.	3. A DEAD-END CORRIDOR SHALL NOT BE LIMITED IN LENGTH WHERE THE LENGTH OF THE DEAD-END CORRIDOR IS LESS THAN 2.5 TIMES THE LEAST WIDTH OF THE DEAD-END CORRIDOR.	
17. 1006.3.1 EGRESS BASED ON OCCUPANT LOAD. EACH STORY AND OCCUPIED ROOF SHALL HAVE THE MINIMUM NUMBER OF INDEPENDENT EXITS, OR ACCESS TO EXITS, AS SPECIFIED IN TABLE 1006.3.1. A SINGLE EXIT OR ACCESS TO A SINGLE EXIT SHALL BE PERMITTED IN ACCORDANCE WITH SECTION	36. 1023.5 PENETRATIONS. PENETRATIONS INTO OR THROUGH <i>INTERIOR EXIT STAIRWAYS</i> AND <i>RAMPS</i> ARE PROHIBITED EXCEPT FOR EQUIPMENT AND DUCTWORK NECESSARY FOR INDEPENDENT VENTILATION OR PRESSURIZATION, SPRINKLER PIPING, STANDPIPES, ELECTRICAL RACEWAY FOR FIRE	
1006.3.2. THE REQUIRED NUMBER OF <i>EXITS</i> , OR <i>EXIT ACCESS STAIRWAYS</i> OR <i>RAMPS</i> PROVIDING ACCESS TO <i>EXITS</i> , FROM ANY <i>STORY</i> OR OCCUPIED ROOF SHALL BE MAINTAINED UNTIL ARRIVAL AT THE <i>EXIT DISCHARGE</i> OR A <i>PUBLIC WAY</i> .	DEPARTMENT COMMUNICATION SYSTEMS AND ELECTRICAL RACEWAY SERVING THE <i>INTERIOR EXIT STAIRWAY</i> AND <i>RAMP</i> AND TERMINATING AT A STEEL BOX NOT EXCEEDING 16 SQUARE INCHES (0.010 M ²). SUCH PENETRATIONS SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 714. THERE SHALL NOT BE PENETRATIONS OR COMMUNICATION OPENINGS, WHETHER PROTECTED OR NOT, BETWEEN ADJACENT <i>INTERIOR EXIT STAIRWAYS</i> AND <i>RAMPS</i> .	
18. TABLE 1006.3.1 MINIMUM NUMBER OF EXITS OR	EXCEPTION: MEMBRANE PENETRATIONS SHALL BE PERMITTED ON THE OUTSIDE OF THE <i>INTERIOR EXIT STAIRWAY</i> AND <i>RAMP</i> . SUCH PENETRATIONS SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 714.3.2.	
	37. 1028.1 GENERAL. <i>EXITS</i> SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING, THE <i>EXIT DISCHARGE</i> SHALL BE AT GRADE OR SHALL PROVIDE A DIRECT PATH OF EGRESS TRAVEL TO GRADE. THE <i>EXIT DISCHARGE</i> SHALL NOT REENTER A BUILDING. THE COMBINED USE OF EXCEPTIONS 1 AND 2	
19. 1006.3.2.1 MIXED OCCUPANCIES. WHERE ONE EXITS, OR EXIT ACCESS STAIRWAY OR RAMP PROVIDING ACCESS TO EXITS AT OTHER STORIES, IS PERMITTED TO SERVED INDIVIDUAL STORIES, MIXED OCCUPANCIES SHALL BE PERMITTED TO BE SERVED BY SINGLE EXITS PROVIDED EACH INDIVIDUAL OCCUPANCY COMPLIES WITH THE APPLICABLE REQUIREMENTS OF TABLE 1006.3.2(1) OR 1006.3.2(2) FOR THAT OCCUPANCY. WHERE APPLICABLE,	SHALL NOT EXCEED 50 PERCENT OF THE NUMBER AND MINIMUM WIDTH OR REQUIRED CAPACITY OF THE REQUIRED EXITS. EXCEPTIONS:	
CUMULATIVE OCCUPANT LOADS FROM ADJACENT OCCUPANCIES SHALL BE CONSIDÉRED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 1004.1. IN EACH STORY OF A MIXED OCCUPANCY BUILDING, THE MAXIMUM NUMBER OF OCCUPANTS SERVED BY A SINGLE EXIT SHALL BE SUCH THAT THE SUM OF THE DATION OF THE CALCULATED NUMBER OF OCCUPANTS OF THE SPACE DIVIDED BY THE ALLOWARD OF OCCUPANTS IN DIVIDED TO	1. NOT MORE THAN 50 PERCENT OF THE NUMBER AND MINIMUM WIDTH OR REQUIRED CAPACITY OF <i>INTERIOR EXIT STAIRWAYS</i> AND <i>RAMPS</i> IS PERMITTED TO EGRESS THROUGH AREAS ON THE LEVEL OF DISCHARGE PROVIDED ALL OF THE FOLLOWING CONDITIONS ARE MET:	
THE RATIOS OF THE CALCULATED NUMBER OF OCCUPANTS OF THE SPACE DIVIDED BY THE ALLOWABLE NUMBER OF OCCUPANTS INDICATED IN TABLE 1006.3.2(2) FOR EACH OCCUPANCY DOES NOT EXCEED ONE. WHERE <i>DWELLING UNITS</i> ARE LOCATED ON A STORY WITH OTHER OCCUPANCIES, THE ACTUAL NUMBER OF <i>DWELLING UNITS</i> DIVIDED BY FOUR PLUS THE RATIO FROM THE OTHER OCCUPANCY DOES NOT EXCEED ONE.	1.1. DISCHARGE OF INTERIOR EXIT STAIRWAYS AND RAMPS SHALL BE PROVIDED WITH A FREE AND UNOBSTRUCTED PATH OF	
20. 1009.3 STAIRWAYS. IN ORDER TO BE CONSIDERED PART OF AN ACCESSIBLE MEANS OF EGRESS, A STAIRWAY BETWEEN STORIES SHALL HAVE A CLEAR WIDTH OF 48 INCHES (1219 MM) MINIMUM BETWEEN HANDRAILS AND SHALL EITHER INCORPORATE AND AREA OF REFUGE WITHIN AN ENLARGED FLOOR-	TRAVEL TO AN EXTERIOR <i>EXIT</i> DOOR AND SUCH <i>EXIT</i> IS READILY VISIBLE AND IDENTIFIABLE FROM THE POINT OF TERMINATION OF THE ENCLOSURE.	
LEVEL LANDING OR SHALL BE ACCESSED FORM AN AREA OF REFUGE COMPLYING WITH SECTION 1009.6. EXIT ACCESS STAIRWAYS THAT CONNECT LEVELS IN THE SAME STORY ARE NOT PERMITTED AS PART OF AN ACCESSIBLE MEANS OF EGRESS.	1.2. THE ENTIRE AREA OF THE <i>LEVEL OF EXIT DISCHARGE</i> IS SEPARATED FROM AREAS BELOW BY CONSTRUCTION CONFORMING TO THE <i>FIRE-RESISTANCE RATING</i> FOR THE ENCLOSURE.	
EXCEPTION: AREAS OF REFUGE ARE NOT REQUIRED AT STAIRWAYS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 21.	1.3. THE EGRESS PATH FROM THE INTERIOR EXIT STAIRWAY AND RAMP ON THE LEVEL OF EXIT DISCHARGE IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM. PORTIONS OF THE LEVEL OF EXIT DISCHARGE WITH	
21. 1009.4 ELEVATORS. IN ORDER TO BE CONSIDERED PART OF AN ACCESSIBLE MEANS OF EGRESS, AN ELEVATOR SHALL COMPLY WITH THE EMERGENCY OPERATION AND SIGNALING DEVICE REQUIREMENTS OF SECTION 2.27 OF ASME A 17.1/CSA B44. STANDBY POWER SHALL BE PROVIDED IN ACCORDANCE	ACCESS TO THE EGRESS PATH SHALL BE EITHER EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.1.2, OR SEPARATED FROM THE EGRESS PATH IN ACCORDANCE	
WITH CHAPTER 27 AND SECTION 3003. THE ELEVATOR SHALL BE ACCESSED FROM AN AREA OF REFUGE COMPLYING WITH SECTION 1009.6. EXCEPTIONS:	WITH THE REQUIREMENTS FOR THE ENCLOSURE OF INTERIOR EXIT STAIRWAYS OR RAMPS. 1.4. WHERE A REQUIRED INTERIOR EXIT STAIRWAY OR RAMP AND AN EXIT ACCESS STAIRWAY OR RAMP SERVE THE SAME	
 AREAS OF REFUGE ARE NOT REQUIRED AT THE ELEVATOR IN OPEN PARKING GARAGES. AREAS OF REFUGE ARE NOT REQUIRED IN BUILDINGS AND FACILITIES EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER 	FLOOR LEVEL AND TERMINATE AT THE SAME <i>LEVEL OF EXIT DISCHARGE</i> , THE TERMINATION OF THE <i>EXIT ACCESS</i> STAIRWAY OR RAMP AND THE EXIT DISCHARGE DOOR OF THE INTERIOR EXIT STAIRWAY OR RAMP SHALL BE SEPARATED	
SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.	BY A DISTANCE OF NOT LESS THAN 30 FEET (9,144 MM) OR NOT LESS THAN ONE-FOURTH THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING, WHICHEVER IS LESS. THE DISTANCE SHALL BE MEASURED IN A STRAIGHT LINE BETWEEN THE <i>EXIT DISCHARGE</i> DOOR FROM THE <i>INTERIOR EXIT STAIRWAY</i> OR <i>RAMP</i> AND THE LAST	
SECTION 712.	TREAD TO HE EXIT ACCESS STAIRWAY OR TERMINATION OF SLOPE OF THE EXIT ACCESS RAMP.	
4. AREAS OF REFUGE ARE NOT REQUIRED AT ELEVATORS SERVING SMOKE-PROTECTED ASSEMBLY SEATING AREAS COMPLYING WITH SECTION 1029.6.2.	38. 1105.1 PUBLIC ENTRANCES. IN ADDITION TO ACCESSIBLE ENTRANCES REQUIRED BY SECTION TOS.1.1 THROUGH TOS.1.7, AT LEAST 60 PERCENT OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE.	
5. AREAS OF REFUGE ARE NOT REQUIRED FOR ELEVATORS ACCESSED FROM A REFUGE AREA IN CONJUNCTION WITH A HORIZONTAL EXIT.		
22. 1009.7 EXTERIOR AREA FOR ASSISTED RESCUE. EXTERIOR AREAS FOR ASSISTED RESCUE SHALL BE ACCESSED BY AN ACCESSIBLE ROUTE FROM THE AREA SERVED.		
WHERE THE <i>EXIT DISCHARGE</i> DOES NOT INCLUDE AN <i>ACCESSIBLE ROUTE</i> FROM AN <i>EXIT</i> LOCATED ON THE <i>LEVEL OF EXIT DISCHARGE</i> TO A <i>PUBLIC WAY</i> , AN EXTERIOR AREA OF ASSISTED RESCUE SHALL BE PROVIDED ON THE EXTERIOR LANDING IN ACCORDANCE WITH SECTIONS 1009.7.1 THROUGH 1009.7.4.		
 1009.7.1 SIZE. EACH EXTERIOR AREA FOR ASSISTED RESCUE SHALL BE SIZED TO ACCOMMODATE WHEELCHAIR SPACES IN ACCORDANCE WITH SECTION 1009.6.3. 1009.7.2 SEPARATION. EXTERIOR WALLS SEPARATING THE EXTERIOR AREA OF ASSISTED RESCUE FRIM THE INTERIOR OF THE BUILDING SHALL HAVE A 		
MINUMUM FIRE-RESISTANCE RATING OF 1 HOUR, RATED FOR EXPOSURE TO FIRE FROM THE INSIDE. THE FIRE-RESISTANCE-RATED EXTERIOR WALL CONSTRUCTION SHALL EXTEND HORIZONTALLY 10 FEET BEYOND THE LANDING ON EITHER SID EOF THE LANDING OR EQUIVALENT FIRE-RESISTANT-		
RATED CONSTRUCTION IS PERMITTED TO EXTEND OUT PERPENDICULAR TO THE EXTERIOR WALL 4 FT MINIMUM ON THE SIDE OF THE LANDING. THE FIRE- RESISTANCE-RATED CONSTRUCTION SHALL EXTEND VERTICALLY FROM THE GROUND TO A POINT 10 FEET ABOVE THE FLOOR LEVEL OF THE AREA FOR ASSISTED RESUCUE OR TO THE ROOF LINE, WHICEVER IS LOWER. OPENINGS WITHIN SUCH FIRE-RESISTIVE-RATED EXTERIOR WALLLS SHALL BE		
PROTECTED IN ACCORDANCE WITH SECTION 716. 25. 1009.7.3 OPENNESS. THE EXTERIOR AREA FOR ASSSISTED RESCUE SHALL BE OPEN TO THE OUTSIDE AIR. THE SIDES OTHER THAN THE SEPARATION		
WALLS SHALL BE NOT LESS THAN 50 PERCENT OPEN, AND THE OPEN AREA SHALL BE DISTRUBUTED SO AS TO MINIMIZE THE ACCUMULATION OF SMOKE OR TOXIC GASES. 26. 1009.7.4 STAIRWAYS. STAIRWAYS THAT ARE PART OF THE MEANS OF EGRESS SYSTEM FOR THE EXTERIOR AREA FOR ASSISTED RESCUE SHALL PROVIDE		
A CLEAR WIDTH OF 48 INCHES BETWEEN RAILINGS.		
		PRELIMINARY PROGRESS PR
	· · · · · · · · · · · · · · · · · · ·	
REVISIONS	M WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	NORTHERN BUS GARAGE REPLACEMENT
DESIGNED Designer DATE DATE NUM DESCRIPTION	metro	
DRAWN Author DATE DATE	DEPARTMENT OF CONSTRUCTION AND DESIGN ENGA - ARCHITECTURE	CODE NOTES
CHECKED Checker DATE DATE	SUBMITTED	CONTRACT NO. SCALE SHEET NO.
	DATE AFFROVED DATE	FQ19144N 12" = 1'-0" A00020

CODE SY	MBOL LEGE	ND	
FE	FIRE EXTINGUIS	SHER	
DOOR/PASSAGE/STAIR	EGRESS WIDTH EGRESS CAPAG ANTICIPATED L SQUARE FOOT, OCCUPANT LO, OCCUPANCY T EXIT ORIGIN PC	CITY OAD AGE AD YPE	X-X X'-X"
CODE	COMPLIANC	E	
	615 14TH STREE ASHINGTON, DI	T, NW STRICT OF COL	UMBIA
2.) 2010 ADA 3.) 2012 INTE 4.) 2011 NFP, 5.) 521 CMR, OCCUPANCY CLASSIFICA S' SZ B: TYPE OF CONSTRUCTION FULLY SPRINKLERED: GRADE PLANE: BUILDING HEIGHT:	STANDARDS FO RNATIONAL BU A 70 NATIONAL I ARCHITECTURA ATION: MIXED US 1: MODERA 2: LOW-HAZ 5: BUSINESS N: TYPE IIB V YES	ELECTRIC CODE LL ACCESS BOAF SE TE-HAZARD STO ARD STORAGE S (ASSEMBLY SF WITH 3 HR RATE	DESIGN RD REGULAT RAGE PACES ARE A
-	NG AREA SL S FLOOR AF	-	
		AREA (SF)	
1- BUS STORAGE AND SE	RVICE		
BUS STORAGE		SF	
SERVICE AREA	SUB-TOTAL	SF SF	
2- MAINTENANCE AND OI		0	
MAINTENANCE			
OPERATIONS			
	SUB-TOTAL		
ROOF- CAR PARKING		SF	
OTAL AREA		SF	
NOTE: GROSS SQUARE F THE 2012 IBC.	OOTAGES HAVE	L E BEEN CALCUL	ATED AS PE



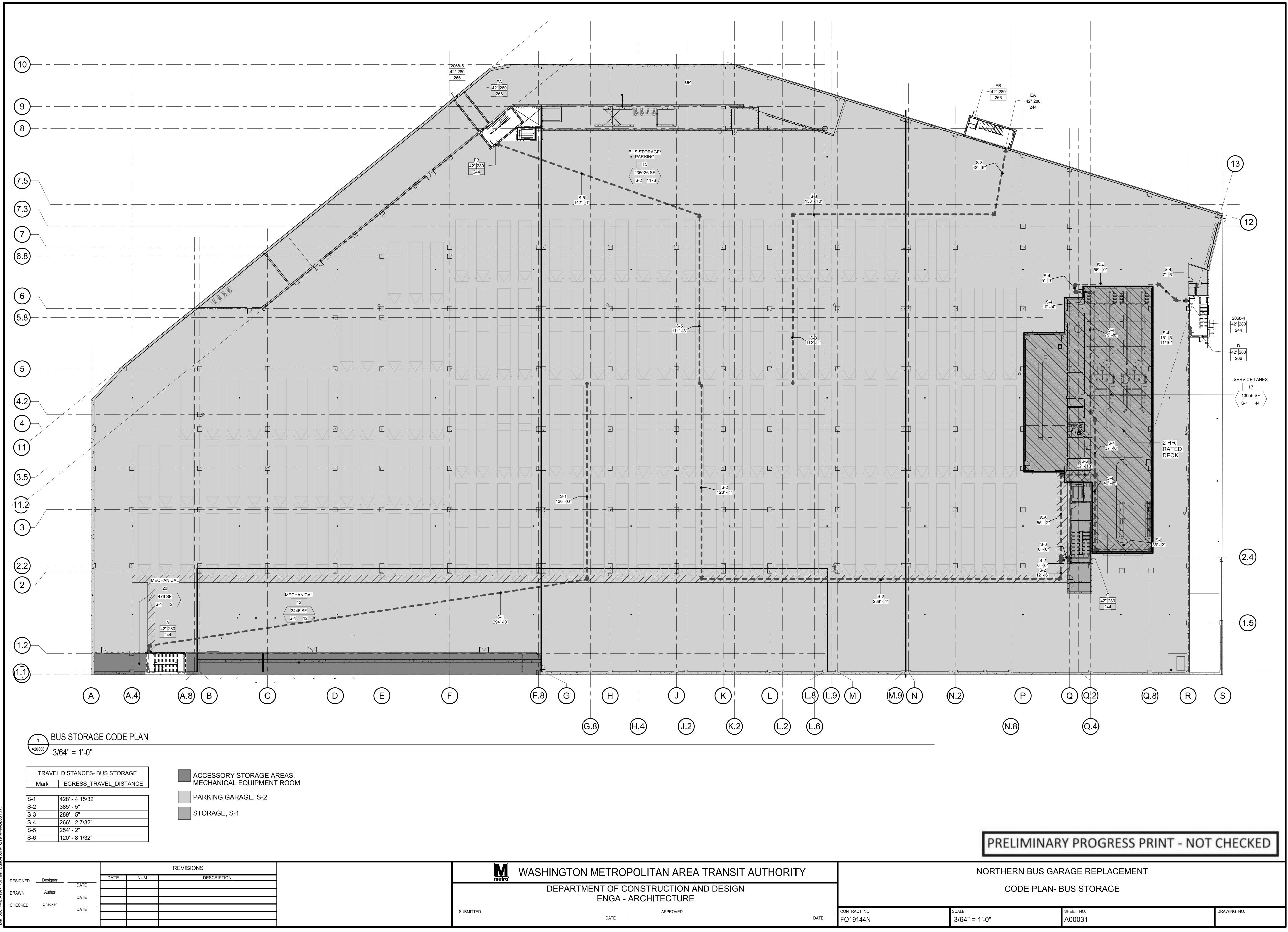
			OCCUI	PANCY SCHEDULE- BUS PARKING LEVEL		
Name	Level	Area	AREA PER OCCUPANT	SPACE OCCUPANCY CLASSIFICATION	OCCUPANCY LOAD CALCULATED	OCCUPAN LOAD
SUS STORAGE/ PARKING	BUS STORAGE	235036 SF	200 SF	PARKING GARAGE, S-2	1175.18	1176
ERVICE LANES	BUS STORAGE	13056 SF	300 SF	STORAGE, S-1	43.52	44
1ECHANICAL	BUS STORAGE	476 SF	300 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	1.59	2
1ECHANICAL	BUS STORAGE	3446 SF	300 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	11.49	12
		252015 SF				1234
			OCCUF	PANCY SCHEDULE- MAINTENANCE LEVEL		
Name	Level	Area	AREA PER OCCUPANT	SPACE OCCUPANCY CLASSIFICATION	OCCUPANCY LOAD CALCULATED	OCCUPAN LOAD
IAINTENANCE	MAINTENANCE	182577 SF	300 SF	STORAGE, S-1	608.59	610
AINTENANCE BREAK ROOM	MAINTENANCE	1082 SF	15 SF	ASSEMBLY, UNCONCENTRATED TABLES AND CHAIRS	72.11	73
PERATIONS BREAK ROOM	MAINTENANCE	5103 SF	15 SF	ASSEMBLY, UNCONCENTRATED TABLES AND CHAIRS	340.22	341
VELLNESS	MAINTENANCE	939 SF	50 SF	EXERCISE ROOMS	18.77	19
RAINING	MAINTENANCE	1535 SF	15 SF	ASSEMBLY, UNCONCENTRATED TABLES AND CHAIRS	102.35	103
OLICE ASSEMBLY AREAS	MAINTENANCE	732 SF	15 SF	ACCESSORY ASSEMBLY, UNCONCENTRATED TABLES AND CHAIRS	48.79	49
PERATIONS AND POLICE	MAINTENANCE	21849 SF	100 SF	BUSINESS	218.49	219
PERATIONS MECHANICAL ROOM	MAINTENANCE	1262 SF	300 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	4.21	5
OILER ROOM	MAINTENANCE	2856 SF	300 SF	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	9.52	10
		217936 SF				1429
			OCCUPANCY SCH	IEDULE- MAINTENANCE LEVEL- COMMUNITY ROOM		
Name	Level	Area	AREA PER OCCUPANT	SPACE OCCUPANCY CLASSIFICATION	OCCUPANCY LOAD CALCULATED	OCCUPAN LOAD
COMMUNITY ROOM	MAINTENANCE	1551 SF	15 SF	ASSEMBLY, UNCONCENTRATED TABLES AND CHAIRS	103.41	104
		1551 SF				104
			OCCUPANO	CY SCHEDULE- MAINTENANCE LEVEL- RETAIL		
						OCCUPAN
Name		Area	AREA PER OCCUPANT		OCCUPANCY LOAD CALCULATED	LOAD
RETAIL	MAINTENANCE	27559 SF	30 SF	MERCANTILE, BASEMENT AND GRADE FLOOR AREAS	918.63	919
		27559 SF				919
			OCCUI	PANCY SCHEDULE- CAR PARKING LEVEL		
Name	Level	Area	AREA PER OCCUPANT	SPACE OCCUPANCY CLASSIFICATION	OCCUPANCY LOAD CALCULATED	OCCUPAI LOAD
	PARKING	208951 SF		PARKING GARAGE, S-2	1044.76	1045

			REVISIONS						
DESIGNED	Designer	DATE	DATE	NUM	DESCRIPTION				
DRAWN	Author	DATE							
CHECKED	Checker	DATE							

M metro	WASHINGTON METROPOL	ITAN AREA TRANSIT A		NORTH	HERN BUS GAF	RAGE REPLACEMENT	_	
		TRUCTION AND DESIGN	CODE CALCULATIONS					
SUBMITTED	DATE	APPROVED		CONTRACT NO. FQ19144N	SCALE		SHEET NO. A00021	

				REQUI	RED PLUMBING	FIXTURE	CALCULATION	S				
CLASSIFICATION	OCCUPANCY	OCCUPANT LOAD- PLUMBING	WATER CLOSETS REQUIRED- MEN	URINALS	WATER CLOSETS REQUIRED- WOMEN	UNISEX TOILET	LAVATORIES REQUIRED	BATHTUBS/ SHOWERS REQUIRED	UNISEX LAV	DRINKING Fountain Requried	BOTTLE FILLERS**	OTHER REQUIRED
	A-3; COMMUNITY ROOM	108	1 PER 125	NOT MORE THAN 67%	1 PER 65	N/A	1 PER 200	-	N/A	1 PER 500		1 SERVICE SINK
REQUIRED FIXTURES			1	-	1	0	1 PER SEX	0	0	1		1
SECOND FLOOR			1	0	1	0	2	0	0	2		1
BUSINESS	В				1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	N/A	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	-	N/A	1 PER 100	NOT MORE THAN 50% OF DRINKING FOUNTAIN S	
REQUIRED FIXTURES			9	(4)	9	0	6 PER SEX	0	0	8**	(4)	1
PROVIDED FIXTURES SECOND FLOOR			5	(5)	10	2	6 PER SEX	5 PER SEX	2	1		
STORAGE	S-1	727	1 PER 100	NOT MORE THAN 50%	1 PER 100	N/A	1 PER 100	EMERGENCY SHOWERS PER 1SEA Z358.1	N/A	1 PER 1,000		1 SERVICE SINK
REQUIRED FIXTURES			4	(2)	4	0	4 PER SEX		0	1		1
PROVIDED FIXTURES FIRST FLOOR			0	0	0	1	0		1			
PROVIDED FIXTURES SECOND FLOOR			4	(2)	4	2	2	2 PER SEX	2	10		
STORAGE	S-2	2,232		NOT MORE THAN 50%	1 PER 100	N/A	1 PER 100	EMERGENCY SHOWERS PER 1SEA Z358.1	N/A	1 PER 1,000		1 SERVICE SINK
REQUIRED FIXTURES			0*	0*	0*	0	0*	0*	0	0*		0*
PROVIDED FIXTURES FIRST FLOOR			-	-	-	-	-	-	-	-		-
PROVIDED FIXTURES SECOND FLOOR			-	-	-	-	-	-	-	-		-
ROOF			-		-	_	-		-	-		

PRELIMINARY PROGRESS PRINT - NOT CHECKED



M	WASHINGTON METROPOL	ITAN AREA TRANSIT A	NORTHERN BUS GARAGE REPLACEME					
DEPARTMENT OF CONSTRUCTION AND DESIGN ENGA - ARCHITECTURE					CODE PLAN- BUS STORAGE			
SUBMITTED	DATE	APPROVED		CONTRACT NO. FQ19144N	SCALE 3/64" = 1'-0"	SHEET NO. A00031		