



DEPARTMENT OF ENVIRONMENTAL SERVICES

Division of Transportation
Transit Bureau
2100 Clarendon Boulevard, Suite 900, Arlington, VA 22201
Phone: 703.228.3681 Fax: 703.228.7548 www.arlingtonva.us

Design Team:

Architectural/Engineering Services

STV Incorporated
2722 Merrilee Dr. Suite 350, Fairfax, VA 22031
571.633.2220 www.stvinc.com

Vertical Transportation

Van Deusen & Associates
1025 Connecticut Ave, NW, Suite 1000, Washington, DC 20036
202.828.1236 www.vdassoc.com

Cost Estimating & Scheduling

VJ Associates
1825 K Street NW, Suite 1100, Washington, DC 20006
202.609.7480 www.vjassociates.com

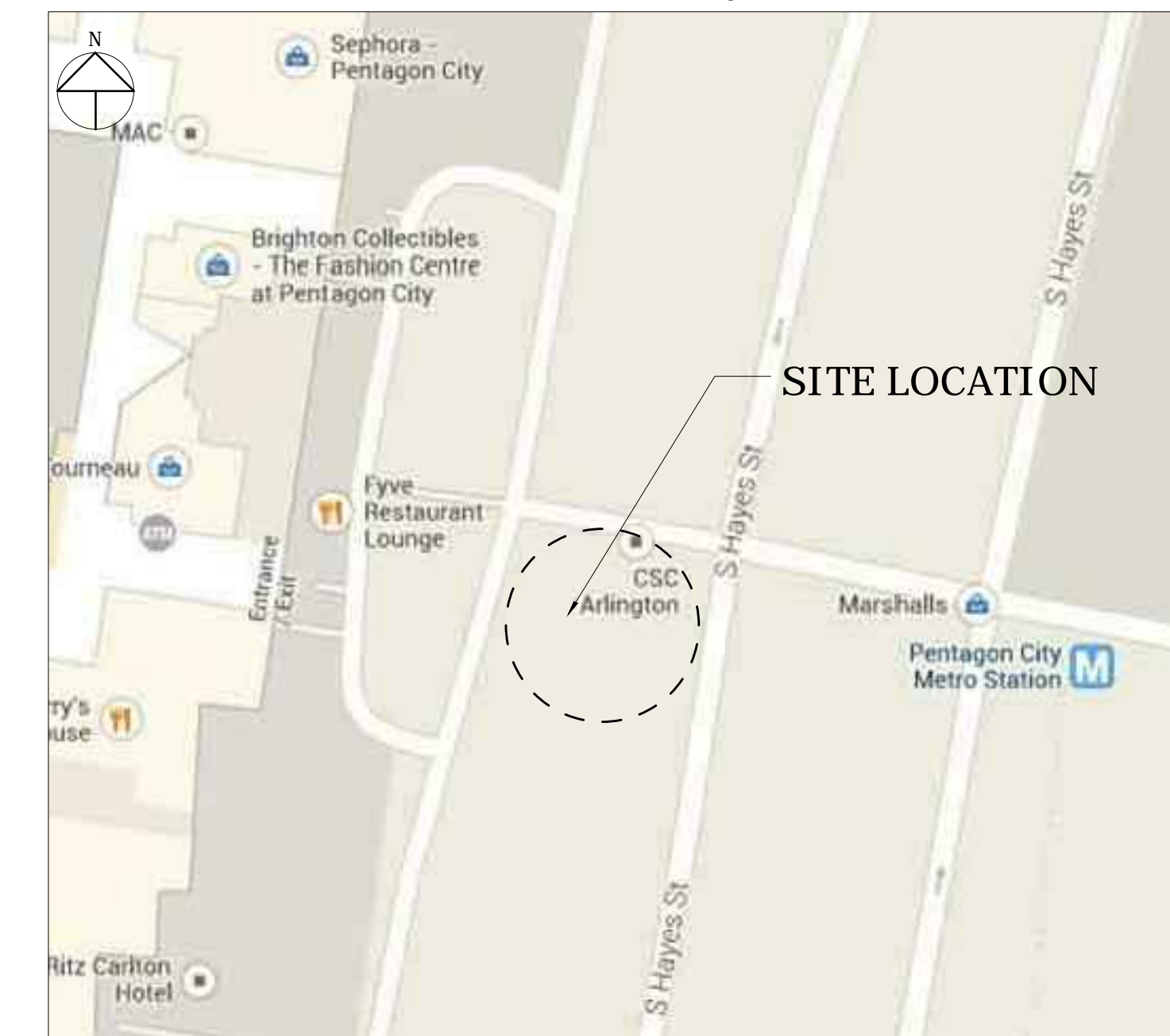
Survey and Utility Designation

Cervantes & Associates, P.C.
4229 Lafayette Center Dr, Suite 1125, Chantilly, VA 20151
703.691.4114 www.cervantes-associates.com

Location Map

SCALE: N.T.S.

Vicinity



100% Design Drawings For: Pentagon City Station Second Elevator Project

South Hayes Street

STV Project Number: 4018669

WMATA Project Number: 251666

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I CERTIFY THAT THIS PROJECT WAS BUILT IN SUBSTANTIAL CONFORMANCE WITH THIS PLAN, UNLESS DULY NOTED IN THE ABOVE REVISION BLOCK.

PROJECT MANAGER _____ DATE _____
CONSTRUCTION MANAGER _____ DATE _____

General Notes:

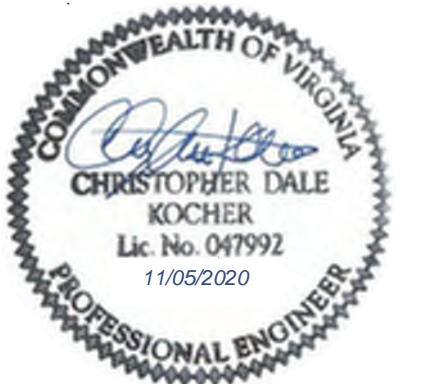
- ALL ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D. 88)
- ALL CONSTRUCTION WORK FOR THIS PROJECT SHALL CONFORM TO THE "ARLINGTON COUNTY, DEPARTMENT OF ENVIRONMENTAL SERVICES, CONSTRUCTION STANDARDS AND SPECIFICATIONS" MANUAL OF 2008 AND ANY SPECIAL PROVISIONS AND SPECIAL DESIGN FOR STREETS, STORM SEWER, AND UTILITY CONSTRUCTION AS PROVIDED ON THESE PLANS OR IN THE BID PROPOSAL. COPIES OF THE "CONSTRUCTION STANDARDS AND SPECIFICATIONS" MANUAL MAY BE PURCHASED AT A COST OF \$30.00 PER HARD COPY OR CAN BE DOWNLOADED AT NO COST AT: [HTTP://WWW.ARLINGTONVA.US/DEPARTMENTS/ENVIRONMENTALSERVICES/CPE/ENVIRONMENTALSERVICESPECS.ASPX](http://www.arlingtonva.us/departments/environmentalservices/cpe/environmentalservicespecs.aspx)
- THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 811 FOR MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES (i.e. WATER, SEWER, GAS, TELEPHONE, ELECTRIC, AND CABLE TV) AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO IDENTIFY AND PROTECT ALL OTHER UTILITY LINES FOUND IN THE WORK SITE AREA BELONGING TO OTHER OWNERS THAT ARE NOT MEMBERS OF "MISS UTILITY".
- WITH 48 HOURS NOTICE, THE COUNTY WILL PROVIDE CONSTRUCTION STAKES FOR LINE AND GRADE AND THE PREPARATION OF CUT SHEETS RELATED TO THIS PROJECT AT NO CHARGE TO THE CONTRACTOR.
- THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM BEST AVAILABLE RECORDS AND MUST BE CONSIDERED TO BE APPROXIMATE. WHEN CONSTRUCTION ACTIVITY REACHES IN PROXIMITY TO EXISTING UTILITIES, THE TRENCHES SHALL BE OPENED A SUFFICIENT DISTANCE AHEAD OF THE WORK OR TEST FITS SHALL BE MADE TO VERIFY THE EXACT LOCATION AND INVERTS OF THE UTILITY TO ALLOW FOR POSSIBLE CHANGES IN THE LINE OR GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING UTILITIES AND THE RELATED STRUCTURES. ALL EXISTING UTILITY SYSTEMS SHALL BE PROTECTED TO PREVENT DAMAGE DURING THE CONTRACTOR'S OPERATIONS. ANY SYSTEM DAMAGED SHALL BE PROMPTLY REPAIRED AT NO COST TO THE OWNER.
- FOR CONTROL AND MAINTENANCE OF TRAFFIC REFER TO CONTRACT SPECIAL PROVISION, MAINTENANCE OF TRAFFIC, LOCATED IN THE BID PROPOSAL.
- CONCRETE CRADLES SHALL BE PROVIDED AT ALL SANITARY LATERAL CROSSINGS. IF SO DESIRED BY THE ENGINEER, ADDITIONAL CONCRETE CRADLES SHALL BE PROVIDED TO PROTECT OTHER UTILITIES WITHIN THE CONSTRUCTION LIMITS. THE CONCRETE CRADLES AND ENCASEMENTS SHALL BE PAID FOR AT THE STIPULATED UNIT PRICE.
- ALL UNSUITABLE BACKFILL MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE. SUITABLE BACKFILL MATERIAL MAY BE REUSED ANYWHERE ON THE JOB AND MAY BE STOCKPILED FOR REUSE. STORING, TRANSPORTATION, LOADING, AND OTHER ASSOCIATED COST ARE TO BE INCLUDED IN THE UNIT BID PRICE FOR PIPE IN PLACE. STORAGE AREAS WILL NOT BE PROVIDED BY ARLINGTON COUNTY.
- ALL CONCRETE ON THIS PROJECT SHALL BE CLASS "A-3", AIR ENTRAINED CONCRETE UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL USE A CURING COMPOUND TO TREAT ALL EXPOSED CONCRETE.
- THE REMOVAL COST OF ANY EXISTING PAVEMENT, CURB AND GUTTER, SIDEWALKS, APRONS, ETC. IS TO BE INCLUDED IN THE UNIT PRICE BID FOR EXCAVATION. THE CONTRACTORS ARE HEREBY ADVISED THAT THEY MAY DUMP EXCAVATED CONCRETE CURB AND GUTTER AND SIDEWALK (NO REINFORCING STEEL OR WIRE) AT ARLINGTON COUNTY TRADES CENTER LOCATED AT 4300 29TH STREET SOUTH.
- THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE SITE AS DIRECTED BY THE ENGINEER AT ALL TIMES DURING CONSTRUCTION AND SHALL ENSURE THE SAFETY OF PEDESTRIANS FROM TRAFFIC AND CONSTRUCTION HAZARDS.
- EXISTING DRAINAGE FACILITIES AFFECTED BY THIS PROPOSED PROJECT SHALL BE CLEANED OUT TO THE SATISFACTION OF THE COUNTY. THE COST IS INCIDENTAL AND SHALL BE INCLUDED IN THE CONTRACT PRICE OF OTHER ITEMS.
- CONTRACTOR SHALL NOT DISTURB OR REMOVE ANY TRAFFIC CONTROL SIGNS, PARKING METERS OR ANY OTHER TRAFFIC CONTROL DEVICE WITHOUT PRIOR PERMISSION FROM THE TRANSPORTATION DIVISION AT (703) 228-3575 OR 228-6512.
- PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS THAT PERTAIN TO THIS PROJECT SHALL BE PROVIDED AND INSTALLED BY ARLINGTON COUNTY TRAFFIC ENGINEERING BUREAU. THE CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY, TRAFFIC BUREAU.
- ABANDONING EXISTING STRUCTURES AND PIPELINES, EXCAVATE AND REMOVE EXISTING STRUCTURE AND STORM SEWER LINES OR ABANDON IN PLACE BY FILLING PIPE WITH FLOWABLE FILL AND PLUGGING AT ALL OPEN ENDS. EXCAVATE AND REMOVE STRUCTURE TO A MINIMUM OF 2 FEET BELOW FINISHED GRADE. FILL THE STRUCTURE WITH SAND OR #57 AGGREGATE MATERIAL. THE PRICE FOR ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PIPE IN PLACE.
- EXISTING UTILITY SYSTEMS SHALL BE PROTECTED TO PREVENT DAMAGE DURING THE CONTRACTOR'S OPERATIONS. ANY SYSTEMS DAMAGED SHALL BE PROMPTLY REPAIRED AT NO COST TO THE OWNER.
- HELICAL PILE FOUNDATIONS AS DEPICTED WITHIN THE CONSTRUCTION DOCUMENTS ARE CONCEPTUAL BASED ON A PROPRIETARY PRODUCT SYSTEM. THE DESIGN THEREOF SHALL BE FINALIZED AS PART OF THE DELEGATED DESIGN UNDER THE GENERAL CONSTRUCTION CONTRACT.
- THE INSTALLATION OF THE ELEVATOR WILL BE COMPLETED BY OTHERS. SUBMIT THE ELEVATOR PERMIT TO STEVE FRANCISCO IN CODE ENFORCEMENT. HIS CONTACT NUMBER IS 703-228-3874



DEPARTMENT OF ENVIRONMENTAL SERVICES

Division of Transportation
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Seal



Approvals Date

Tracy D. Twyman, P.C. 11/20/2020
WMATA PROJECT MANAGER
FD&C BUREAU CHIEF 11/23/20
FD&C PROJECT MANAGER 11/23/20
TRANSIT BUREAU CHIEF 11/23/20
TRANSIT PROJECT MANAGER 11/23/20
WATER, SEWER STREETS BUREAU CHIEF 11-23-20
TRANSPORTATION DIRECTOR 11/23/20

Revisions Date

ISSUED FOR CONSTRUCTION 11-20-2020

Project Name and Location
Pentagon City Station
Elevator Project
Cover Sheet
South Hayes Street
G-000

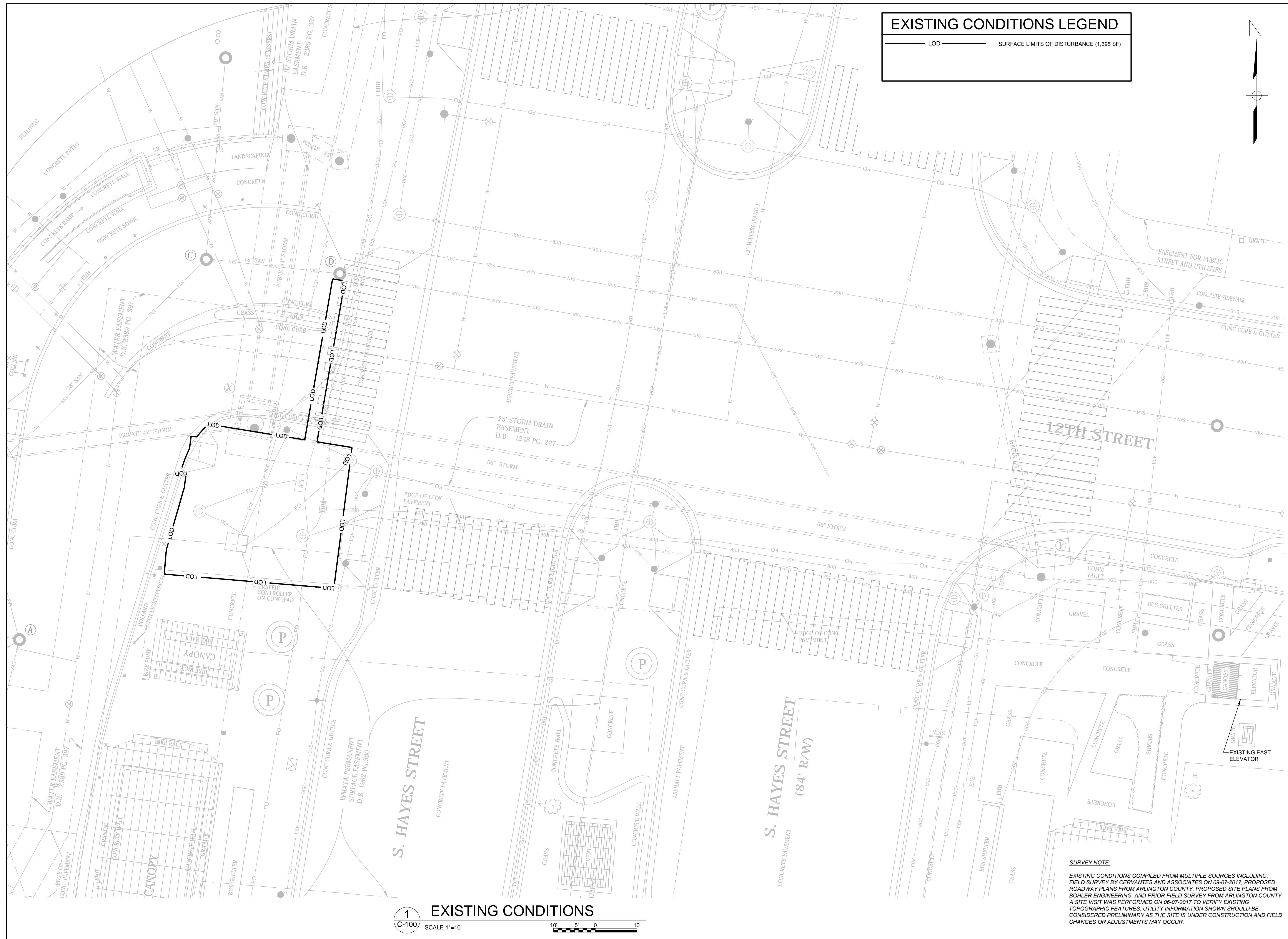
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Checked: AK
Miss Utility Transmittal #:

Filename:
Path:
Plotted:
Plotted by:

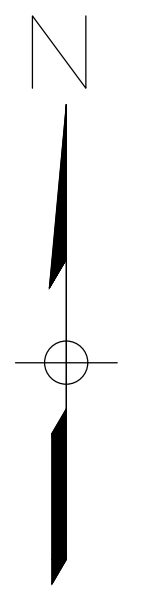
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100% PLANS - FOR CONSTRUCTION

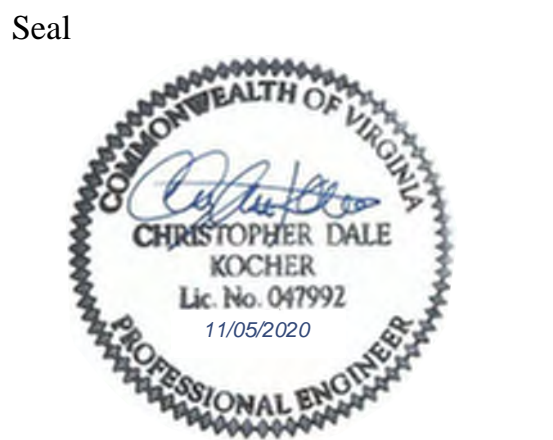
Sheet 1 OF 68



EXISTING CONDITIONS LEGEND
 LOD SURFACE LIMITS OF DISTURBANCE (1,395 SF)



DEPARTMENT OF ENVIRONMENTAL SERVICES
 Division of Transportation
 Transit Bureau
 2100 Clarendon Boulevard, Suite 900
 Arlington, VA 22201
 Phone: 703.228.3681
 Fax: 703.228.7548



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

Project Name and Location
Pentagon City Station Elevator Project
 Existing Conditions
 South Hayes Street
 C-100

Designed: RCS
 Drawn: TCC
 Checked: CDK
 Miss Utility Transmittal #:

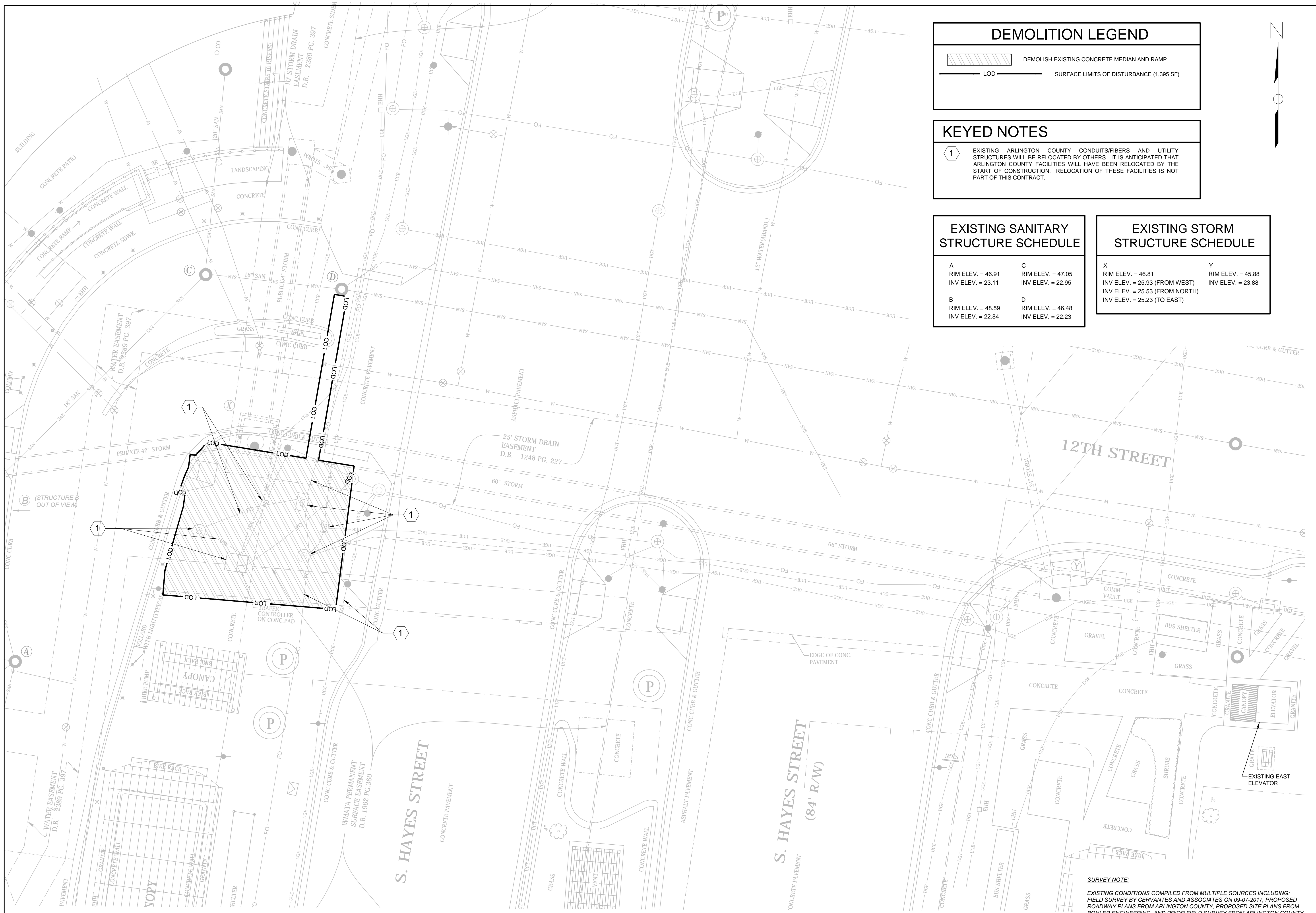
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 Path:
 Plotted by:

Scale: 1" = 10'

100% PLANS - FOR CONSTRUCTION

1 EXISTING CONDITIONS
 SCALE 1"=10'

SURVEY NOTE:
 EXISTING CONDITIONS COMPILED FROM MULTIPLE SOURCES INCLUDING:
 FIELD SURVEY BY CERVANTES AND ASSOCIATES ON 09-07-2017, PROPOSED
 ROADWAY PLANS FROM ARLINGTON COUNTY, PROPOSED SITE PLANS FROM
 BOHLER ENGINEERING, AND PRIOR FIELD SURVEY FROM ARLINGTON COUNTY.
 A SITE VISIT WAS PERFORMED ON 06-07-2017 TO VERIFY EXISTING
 TOPOGRAPHIC FEATURES. UTILITY INFORMATION SHOWN SHOULD BE
 CONSIDERED PRELIMINARY AS THE SITE IS UNDER CONSTRUCTION AND FIELD
 CHANGES OR ADJUSTMENTS MAY OCCUR.



DEMOLITION LEGEND

	DEMOLISH EXISTING CONCRETE MEDIAN AND RAMP
	SURFACE LIMITS OF DISTURBANCE (1,395 SF)

KEYED NOTES

1 EXISTING ARLINGTON COUNTY CONDUITS/FIBERS AND UTILITY STRUCTURES WILL BE RELOCATED BY OTHERS. IT IS ANTICIPATED THAT ARLINGTON COUNTY FACILITIES WILL HAVE BEEN RELOCATED BY THE START OF CONSTRUCTION. RELOCATION OF THESE FACILITIES IS NOT PART OF THIS CONTRACT.

EXISTING SANITARY STRUCTURE SCHEDULE

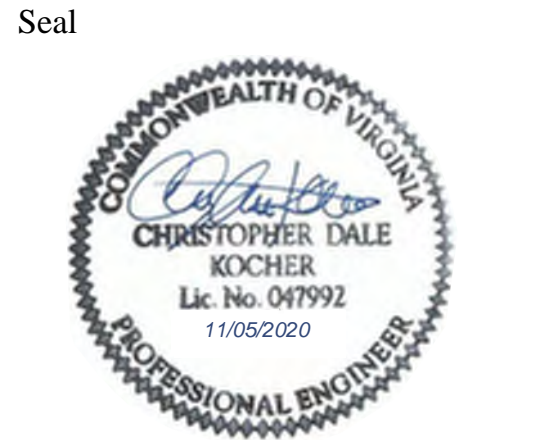
A RIM ELEV. = 46.91 INV ELEV. = 23.11	C RIM ELEV. = 47.05 INV ELEV. = 22.95
B RIM ELEV. = 48.59 INV ELEV. = 22.84	D RIM ELEV. = 46.48 INV ELEV. = 22.23

EXISTING STORM STRUCTURE SCHEDULE

X RIM ELEV. = 46.81 INV ELEV. = 25.93 (FROM WEST) INV ELEV. = 25.53 (TO EAST)	Y RIM ELEV. = 45.88 INV ELEV. = 23.88
---	--



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WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

**Pentagon City Station
Elevator Project**
 Demolition Plan
 South Hayes Street
 C-101

Designed: RCS
 Drawn: TCC
 Checked: CDK
 Miss Utility Transmittal #:

Filename:
 Path:
 Plotted:
 Plotted by:

Scale: 1" = 10'

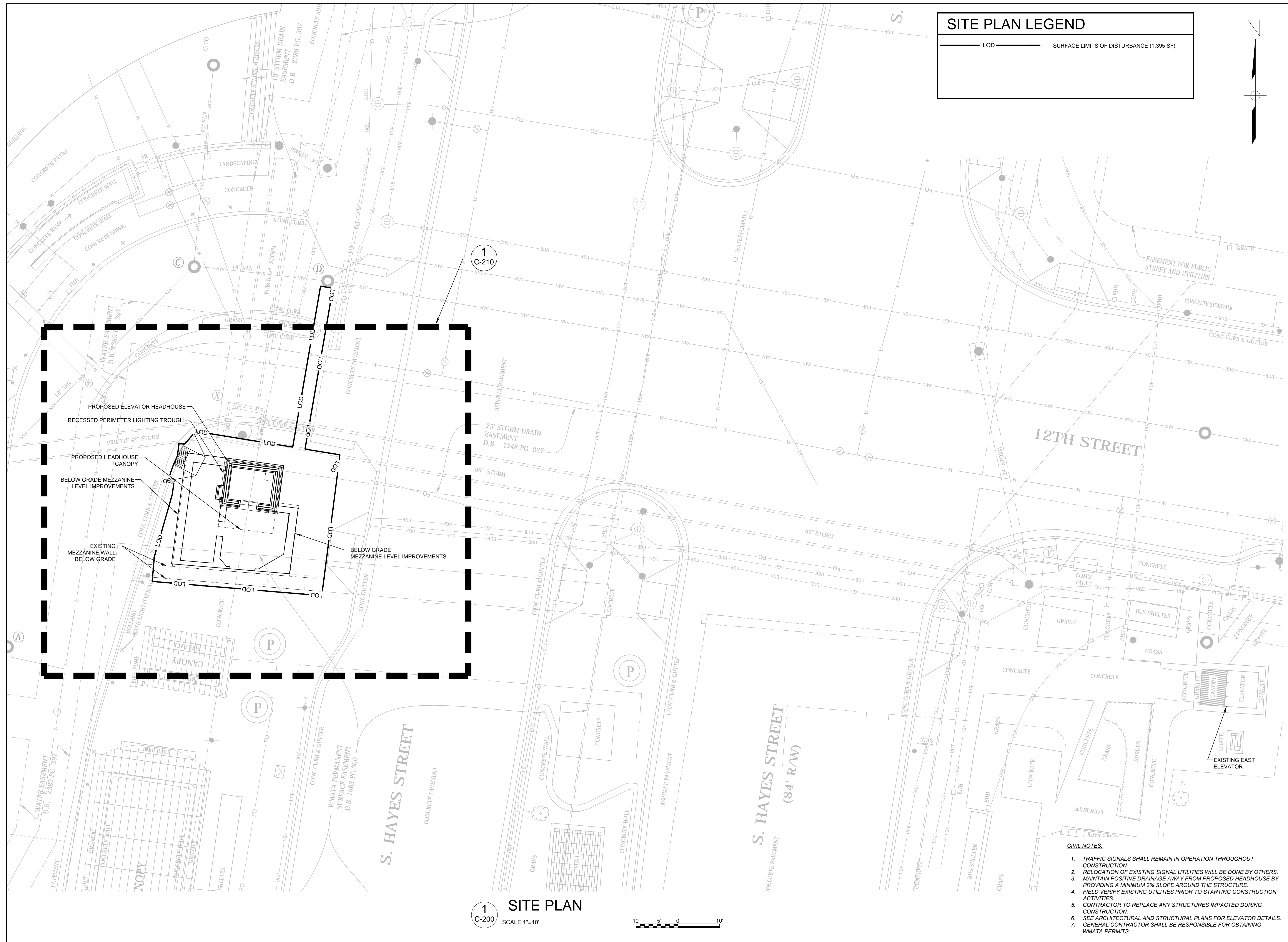
**100% PLANS - FOR
CONSTRUCTION**

1
C-101

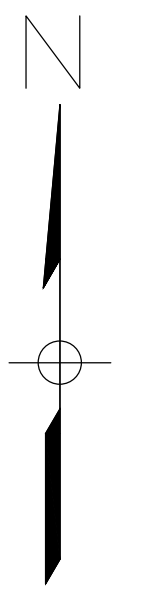
DEMOLITION PLAN

SCALE 1"=10'

SURVEY NOTE:
 EXISTING CONDITIONS COMPILED FROM MULTIPLE SOURCES INCLUDING FIELD SURVEY BY SERVANTES AND ASSOCIATES ON 09-07-2017, PROPOSED ROADWAY PLANS FROM ARLINGTON COUNTY, PROPOSED SITE PLANS FROM BOHLER ENGINEERING, AND PRIOR FIELD SURVEY FROM ARLINGTON COUNTY. A SITE VISIT WAS PERFORMED ON 06-07-2017 TO VERIFY EXISTING TOPOGRAPHIC FEATURES. UTILITY INFORMATION SHOWN SHOULD BE CONSIDERED PRELIMINARY AS THE SITE IS UNDER CONSTRUCTION AND FIELD CHANGES OR ADJUSTMENTS MAY OCCUR.



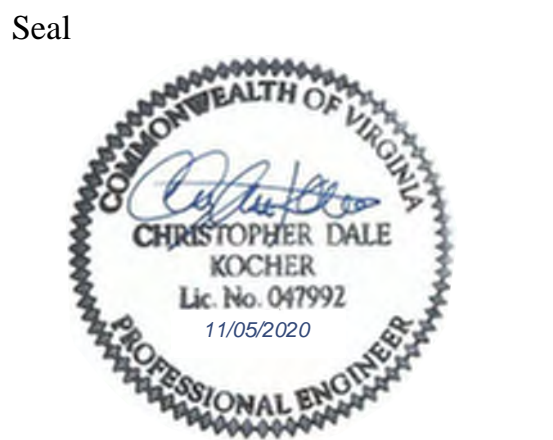
SITE PLAN LEGEND	
— LOD —	SURFACE LIMITS OF DISTURBANCE (1,395 SF)



ARLINGTON
VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES

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Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

Project Name and Location
**Pentagon City Station
Elevator Project**
Site Plan
South Hayes Street
C-200

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename:
Path:
Plotted:
Plotted by:

Scale: 1" = 10'

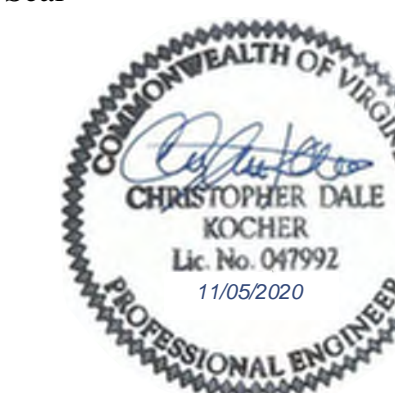
100% PLANS - FOR CONSTRUCTION

Sheet **4 OF 68**

- CIVIL NOTES:**
1. TRAFFIC SIGNALS SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION.
 2. RELOCATION OF EXISTING SIGNAL UTILITIES WILL BE DONE BY OTHERS.
 3. MAINTAIN POSITIVE DRAINAGE AWAY FROM PROPOSED HEADHOUSE BY PROVIDING A MINIMUM 2% SLOPE AROUND THE STRUCTURE.
 4. FIELD VERIFY EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION ACTIVITIES.
 5. CONTRACTOR TO REPLACE ANY STRUCTURES IMPACTED DURING CONSTRUCTION.
 6. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR ELEVATOR DETAILS.
 7. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WMATA PERMITS.

1 SITE PLAN
C-200 SCALE 1"=10'

Seal



Approvals _____ Date _____

WMATA PROJECT MANAGER _____

FD&C BUREAU CHIEF _____

FD&C PROJECT MANAGER _____

TRANSIT BUREAU CHIEF _____

TRANSIT PROJECT MANAGER _____

WATER, SEWER STREETS BUREAU CHIEF _____

TRANSPORTATION DIRECTOR _____

Revisions _____ Date _____

ISSUED FOR CONSTRUCTION 11-20-2020

Project Name and Location
**Pentagon City Station
Elevator Project**
Enlarged Site Plan
South Hayes Street
C-210

Designed: _____
Drawn: _____
Checked: _____
Miss Utility Transmittal #: _____

Filename: _____
Path: _____
Plotted: _____
Plotted by: _____

Scale: 1" = 5'

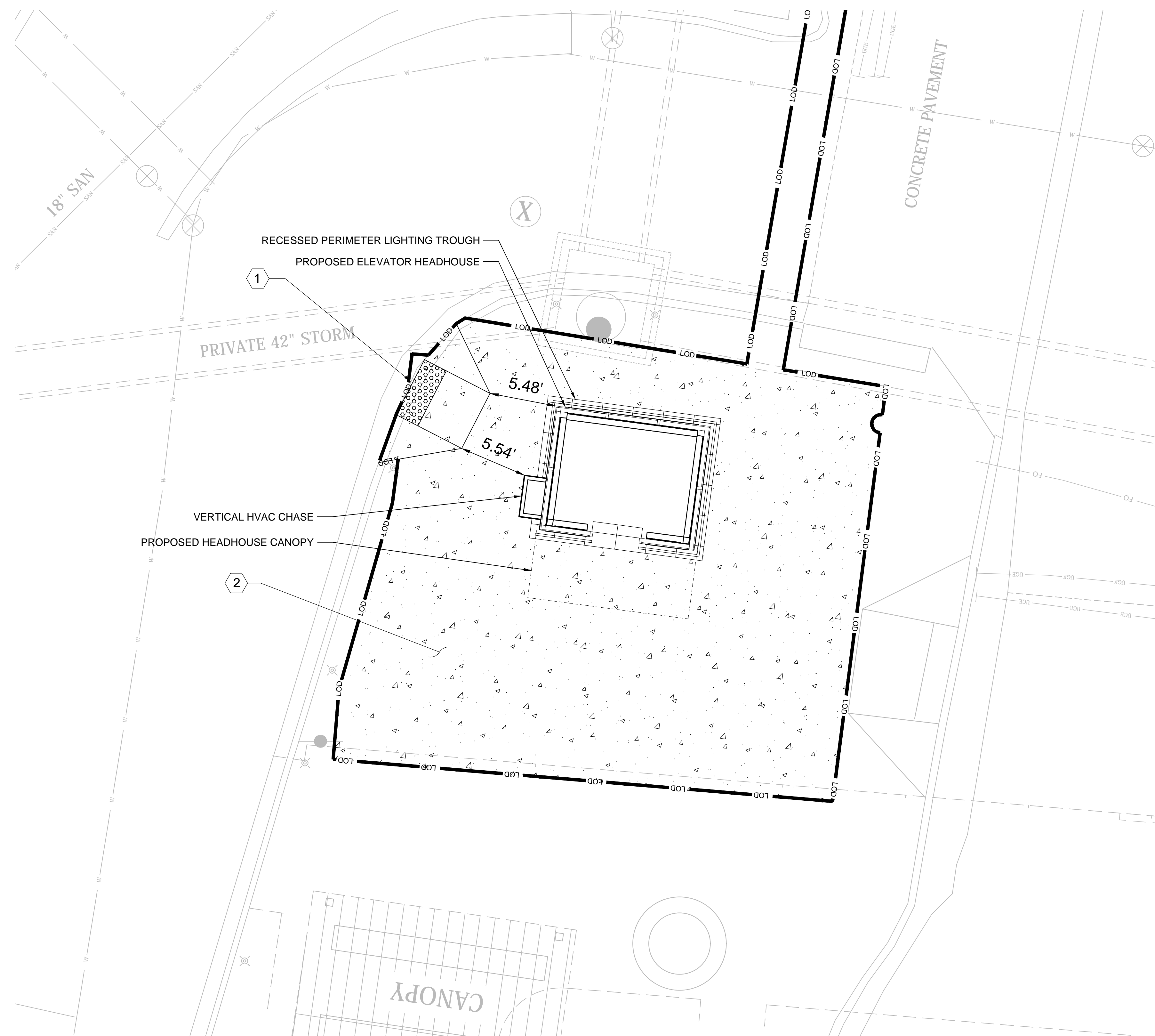
100% PLANS - FOR CONSTRUCTION

Sheet **5 OF 68**

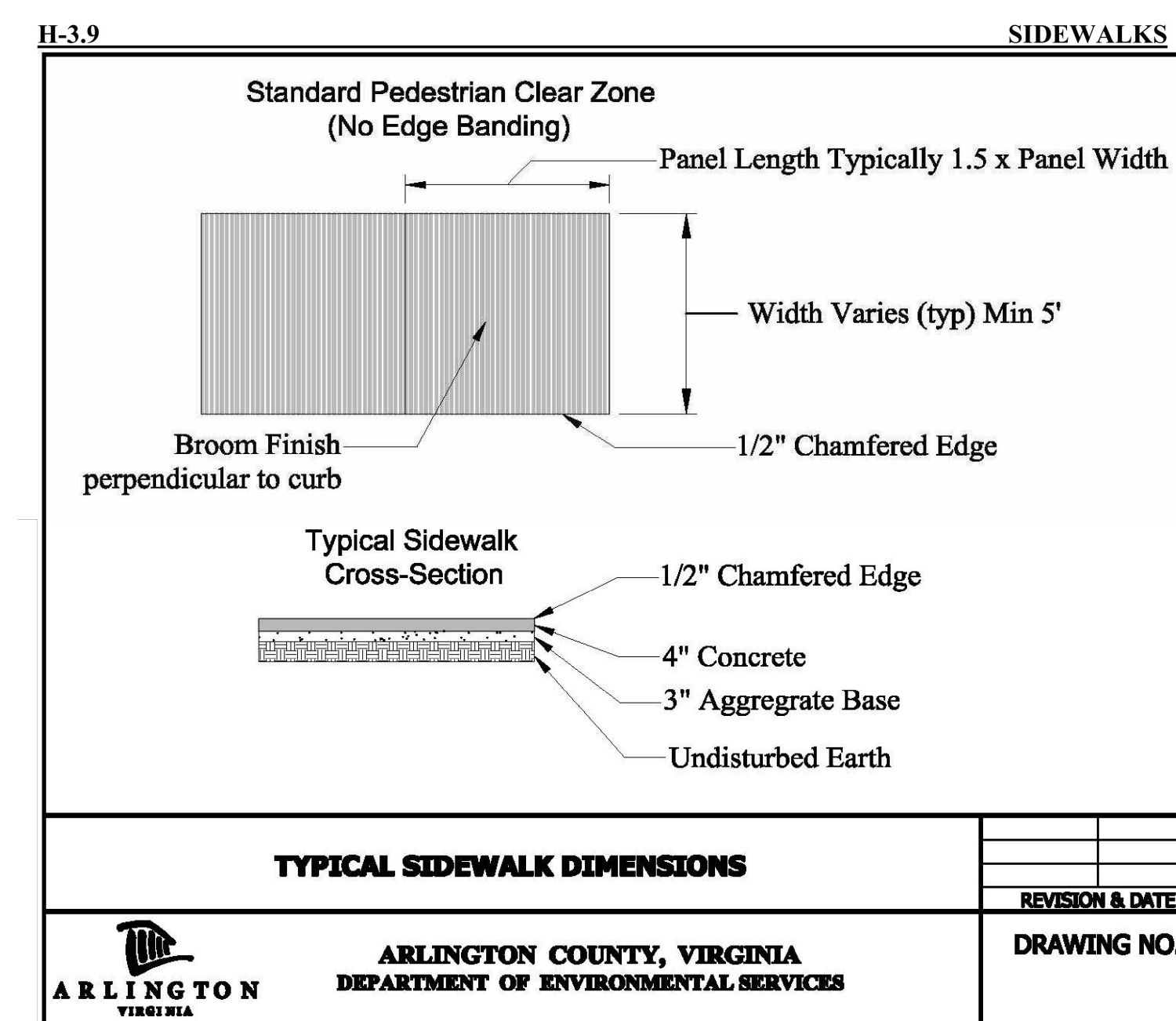
SITE PLAN LEGEND	
	LOD SURFACE LIMITS OF DISTURBANCE (1,395 SF)
	PROPOSED CONCRETE SIDEWALK MEDIAN

KEYED NOTES

- 1 REPLACE DEMOLISHED ADA RAMP WITH VDOT STANDARD TYPE A RAMP. ENSURE REPLACED RAMP DIRECTLY ALIGNS WITH RECEIVING RAMP ACROSS DRIVE AISLE.
- 2 REMOVE AND REPLACE CONCRETE SIDEWALK MEDIAN. SEE LEGEND FOR PROPOSED SIDEWALK LIMITS AND DETAIL 2, THIS SHEET, FOR CONSTRUCTION JOINT LOCATIONS.

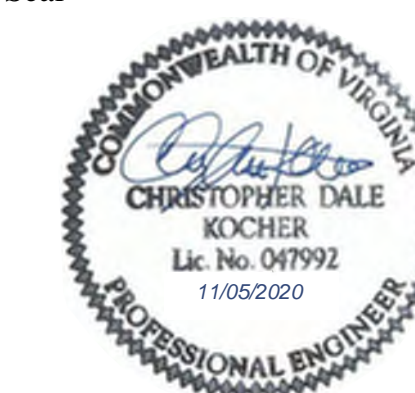


1 ENLARGED SITE PLAN
SCALE 1"=5'
5' 2.5' 0 5'



2 CONCRETE SIDEWALK MEDIAN DETAIL
NOT TO SCALE

Seal



Approvals _____ Date _____

WMATA PROJECT MANAGER _____

FD&C BUREAU CHIEF _____

FD&C PROJECT MANAGER _____

TRANSIT BUREAU CHIEF _____

TRANSIT PROJECT MANAGER _____

WATER, SEWER STREETS BUREAU CHIEF _____

TRANSPORTATION DIRECTOR _____

Revisions _____ Date _____

ISSUED FOR CONSTRUCTION 11-20-2020

Project Name and Location
**Pentagon City Station
Elevator Project
Enlarged Grading Plan**
South Hayes Street
C-310

Designed: _____
Drawn: _____
Checked: _____
Miss Utility Transmittal #: _____

Filename: _____
Path: _____
Plotted: _____
Plotted by: _____

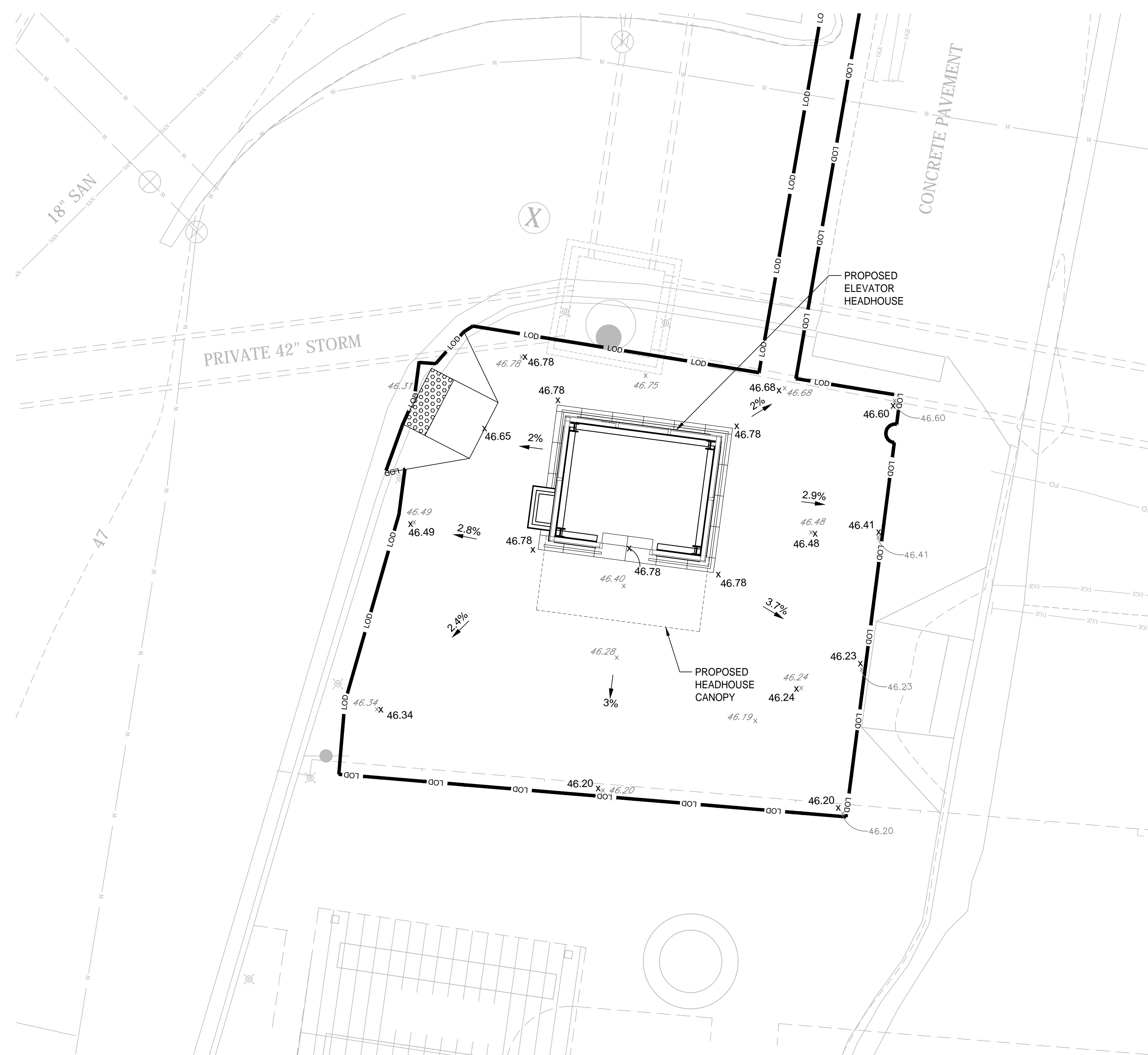
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**100% PLANS - FOR
CONSTRUCTION**

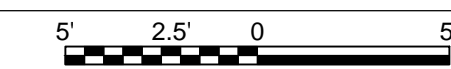
Sheet
6 OF 68

GRADING PLAN LEGEND

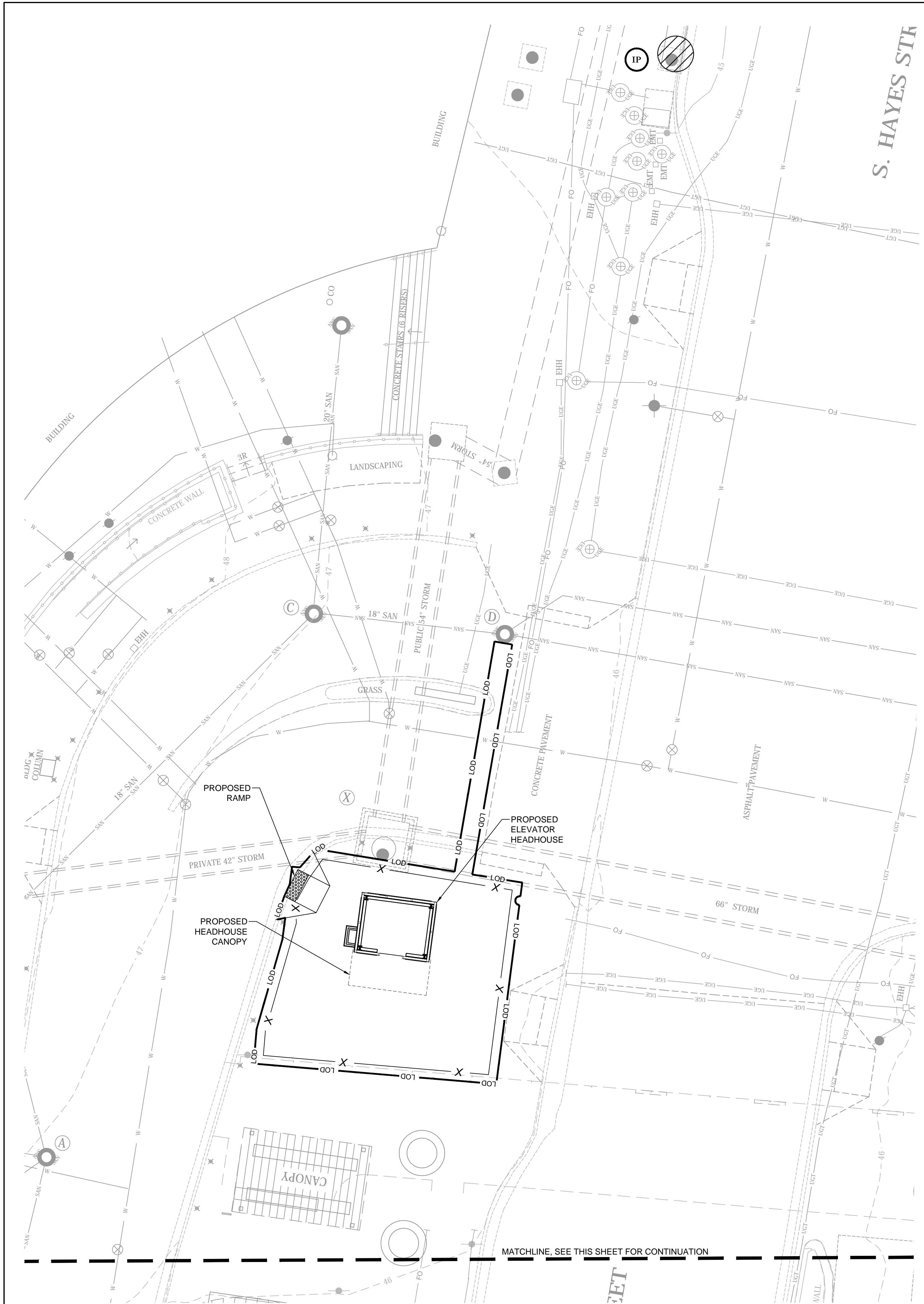
	LOD	SURFACE LIMITS OF DISTURBANCE (1,395 SF)
	-10-	EXISTING CONTOUR
	46.47 ^x	PROPOSED GRADING SPOT ELEVATION
	33.72 ^x	EXISTING SPOT ELEVATION



1 ENLARGED GRADING PLAN
SCALE 1"=5'



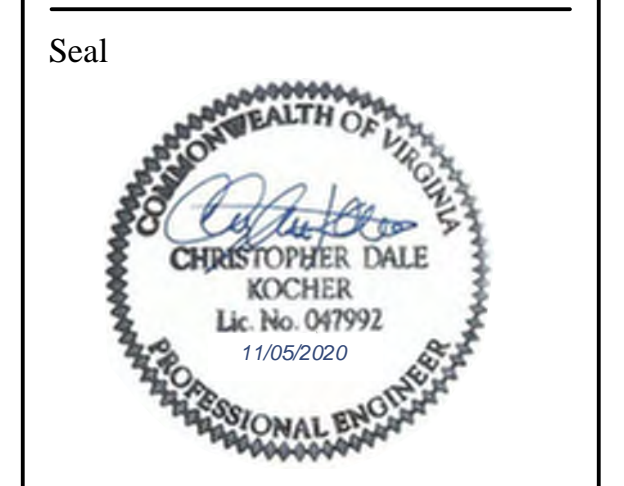
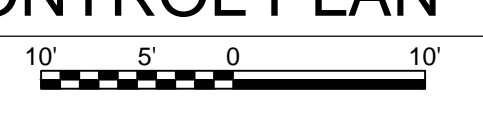
- CIVIL NOTES:**
1. TRAFFIC SIGNALS SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION.
 2. RELOCATION OF EXISTING SIGNAL UTILITIES WILL BE DONE BY OTHERS.
 3. MAINTAIN POSITIVE DRAINAGE AWAY FROM PROPOSED HEADHOUSE BY PROVIDING A MINIMUM 2% SLOPE AROUND THE STRUCTURE.
 4. FIELD VERIFY EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION ACTIVITIES.



NOTE:
 1. CONTRACTOR TO DEVELOP DEWATERING PLAN AT TIME OF CONSTRUCTION.

E&SC LEGEND	
	PROPOSED 6' CHAIN LINK FENCE
	SURFACE LIMITS OF DISTURBANCE (1,395 SF)
	INLET PROTECTION (SEE DETAIL 2, SHEET C-401)

1
C-400
EROSION & SEDIMENT CONTROL PLAN
 SCALE 1"=10'



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

Project Name and Location
**Pentagon City Station
 Elevator Project**
 Erosion & Sediment Control Plan
 South Hayes Street
C-400

Designed:
 Drawn:
 Checked:
 Miss Utility Transmittal #:

Filename:
 Path:
 Plotted:
 Plotted by:

Scale: 1" = 10'

100% PLANS - FOR CONSTRUCTION

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION-
THE SITE IS AT THE WESTERN SIDE OF S HAYES STREET JUST SOUTH OF 12TH STREET S. THE PURPOSE OF THIS LAND DISTURBING ACTIVITY IS TO ADD A NEW ELEVATOR AND ELEVATOR HEADHOUSE TO THE PENTAGON CITY METRO STATION, AND ALSO INCLUDES MEZZANINE LEVEL IMPROVEMENTS.

THE TOTAL AREA OF DISTURBANCE AS SHOWN ON THE PLAN IS 0.032 ACRES (1,395 SQFT).

EXISTING CONDITIONS-

THE EXISTING SITE IS CURRENTLY CONCRETE PEDESTRIAN AREA, NORTH OF THE ESCALATORS TO THE PENTAGON CITY METRO STATION.

THERE IS NO INCREASE IN PRE AND POST-DEVELOPMENT IMPERVIOUSNESS FOR THE SITE AND THEREFORE NO INCREASE IN SITE RUNOFF.

EROSION AND SEDIMENT CONTROL MEASURES-

STORM DRAIN INLET PROTECTION -IP 3.07

A SEDIMENT LOG PLACED AT THE THROAT OF A STORM DRAIN CURB INLET. USED TO PREVENT SEDIMENT FROM ENTERING STORM DRAINAGE SYSTEMS PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA.

1. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
2. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED.

STORMWATER RUNOFF CONSIDERATIONS

THE PROPOSED CONSTRUCTION WILL NOT RESULT IN AN INCREASE IN IMPERVIOUSNESS FOR THE SITE. THEREFORE, THERE WILL BE NO INCREASE IN RUNOFF FROM THE SITE.

ADJACENT AREAS

THERE ARE NO ENVIRONMENTALLY SENSITIVE AREAS ADJACENT TO THE PROJECT SITE.

OFF-SITE AREAS

THERE IS NO OFF-SITE BORROW REQUIRED FOR THE CONSTRUCTION OF THE NEW ELEVATOR.

SOILS

THE EXISTING SOILS ON SITE ARE:
URBAN LAND-UORERTHENTS COMPLEX, 2 -15% SLOPES

CRITICAL AREAS

THERE ARE NO CRITICAL AREAS FOUND ON PROJECT SITE.

MAINTENANCE

ALL TEMPORARY SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO CONSTRUCTION AND MAINTAINED BY THE CONTRACTOR UNTIL PERMANENT STABILIZATION IS COMPLETED AND APPROVED BY ARLINGTON COUNTY INSPECTOR IN-CHARGE. MAINTENANCE OF EACH EROSION AND SEDIMENT CONTROL MEASURE SHALL BE DONE, AS SPECIFIED IN THE LATEST EDITION INCLUDING ANY AMENDMENTS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

GENERAL LAND CONSERVATION NOTES

1. NO DISTURBED AREA WILL REMAIN DENUDE FOR MORE THAN 7 CALENDAR DAYS UNLESS OTHERWISE AUTHORIZED BY ARLINGTON COUNTY INSPECTOR IN-CHARGE.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING. FIRST AREAS TO BE CLEARED ARE TO BE THOSE REQUIRED FOR THE PERIMETER CONTROLS.
3. DURING CONSTRUCTION, ALL STORM SEWER INLETS WILL BE PROTECTED BY INLET PROTECTION DEVICES, MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
4. AT THE COMPLETION OF THE CONSTRUCTION PROJECT AND PRIOR TO BOND RELEASE ALL TEMPORARY SEDIMENT CONTROLS SHALL BE REMOVED AND ALL DENUDE AREAS SHALL BE STABILIZED AND WITH PERMANENT SEEDING. ARLINGTON COUNTY INSPECTOR TO APPROVE REMOVAL OF ALL TEMPORARY SILTATION MEASURES.



12 Urban land-Udorthernts complex, 2 to 15 percent slopes
This mapping unit consists of areas where more than 85 percent of the surface is Urban land, covered by buildings, asphalt, concrete, or other impervious materials. The other 15 percent consists of areas of deep to very deep, nearly level to moderately sloping, well and moderately well drained soils. The Urban land and Udorthernts are so intermingled it was not practical to map them separately. This complex occurs throughout the survey area but is largely located in the Rosslyn-Ballston and Crystal City areas. This unit is about 85 percent Urban land, 10 percent Udorthernts, and 5 percent other soils.

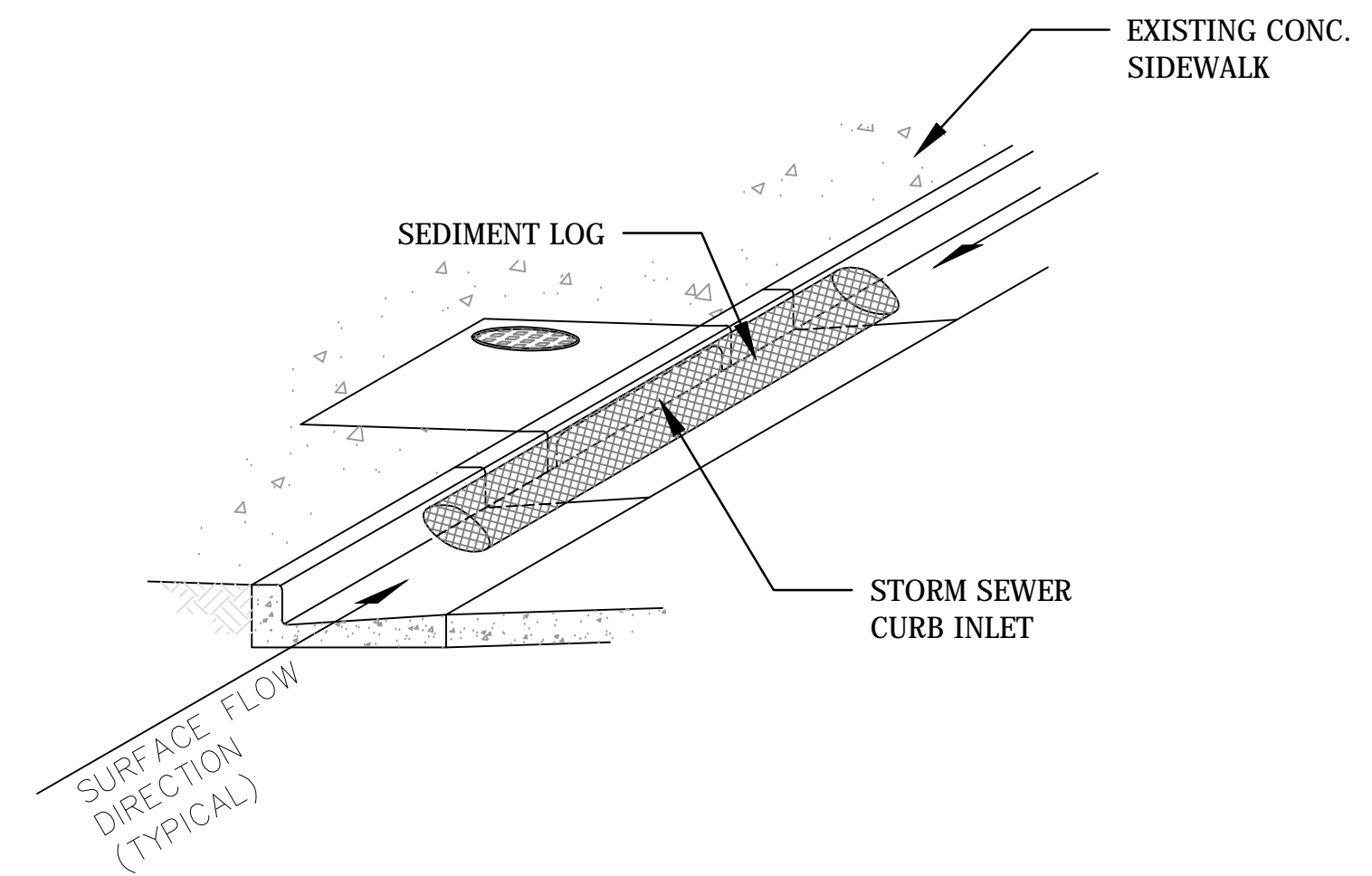
The Udorthernts consist of material that has been graded, cut, filled, or otherwise disturbed during urbanization. The disturbed material is loamy and generally reflects the soils in the adjacent area.

Included in this mapping unit are small areas of soils that have not been disturbed. Also included are moderately steep and steep slopes.

It is not practical to examine nor attempt to identify the soil or soil-like material of this unit.

VIRGINIA DCR MINIMUM STANDARD MS-19 STANDARD NOTES

1. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
2. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
 - a. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
 - b. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
 - c. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF SITE PROPERTY.
 - d. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
 - e. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
 - f. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.
3. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PROGRAM AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.
4. PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STATED FREQUENCY STORM OF 24-HOUR DURATION IN ACCORDANCE WITH THE FOLLOWING STANDARDS AND CRITERIA:
 - a. CONCENTRATED STORMWATER RUNOFF LEAVING A DEVELOPMENT SITE SHALL BE DISCHARGED DIRECTLY INTO AN ADEQUATE NATURAL OR MAN MADE RECEIVING CHANNEL, PIPE OR STORM SEWER SYSTEM. FOR THOSE SITES WHERE RUNOFF IS DISCHARGED INTO A PIPE OR PIPE SYSTEM, DOWNSTREAM STABILITY ANALYSES AT THE OUTFALL OF THE PIPE OR PIPE SYSTEM SHALL BE PERFORMED.
 - b. ADEQUACY OF ALL CHANNELS AND PIPES SHALL BE VERIFIED IN THE FOLLOWING MANNER:
 - (1) THE APPLICANT SHALL DEMONSTRATE THAT THE TOTAL DRAINAGE AREA TO THE POINT OF ANALYSIS WITHIN THE CHANNEL IS ONE HUNDRED TIMES GREATER THAN THE CONTRIBUTING DRAINAGE AREA OF THE PROJECT IN QUESTION, OR
 - (2) (a) NATURAL CHANNELS SHALL BE ANALYZED BY THE USE OF A TWO YEAR STORM TO VERIFY THAT STORMWATER WILL NOT OVERTOP CHANNEL BANKS NOR CAUSE EROSION OF CHANNEL BED OR BANKS.
 - (b) ALL PREVIOUSLY CONSTRUCTED MAN MADE CHANNELS SHALL BE ANALYZED BY THE USE OF A TEN YEAR STORM TO VERIFY THAT STORMWATER WILL NOT OVERTOP ITS BANKS AND BY THE USE OF A TWO YEAR STORM TO DEMONSTRATE THAT STORMWATER WILL NOT CAUSE EROSION OF CHANNEL BED OR BANKS, AND
 - (c) PIPES AND STORM SEWER SYSTEMS SHALL BE ANALYZED BY THE USE OF A TEN YEAR STORM TO VERIFY THAT STORMWATER WILL BE CONTAINED WITHIN THE PIPE OR SYSTEM.
 - c. IF EXISTING NATURAL RECEIVING CHANNELS OR PREVIOUSLY CONSTRUCTED MAN MADE CHANNELS OR PIPES ARE NOT ADEQUATE, THE APPLICANT SHALL:
 - (1) IMPROVE THE CHANNELS TO A CONDITION WHERE A TEN YEAR STORM WILL NOT OVERTOP THE BANKS AND A TWO YEAR STORM WILL NOT CAUSE EROSION TO THE CHANNEL BED OR BANKS, OR
 - (2) IMPROVE THE PIPE OR PIPE SYSTEM TO A CONDITION WHERE THE TEN YEAR STORM IS CONTAINED WITHIN THE APPURTENANCES, OR
 - (3) DEVELOP A SITE DESIGN THAT WILL NOT CAUSE THE PRE-DEVELOPMENT PEAK RUNOFF RATE FROM A TWO-YEAR STORM TO INCREASE WHEN RUNOFF OUTFALLS INTO A NATURAL CHANNEL OR WILL NOT CAUSE THE PRE-DEVELOPMENT PEAK RUNOFF RATE FROM A TEN-YEAR STORM TO INCREASE WHEN RUNOFF OUTFALLS INTO A MAN-MADE CHANNEL, OR
 - (4) PROVIDE A COMBINATION OF CHANNEL IMPROVEMENT, STORMWATER DETENTION OR OTHER MEASURES WHICH IS SATISFACTORY TO THE PLAN-APPROVING AUTHORITY TO PREVENT DOWNSTREAM EROSION.
 - d. THE APPLICANT SHALL PROVIDE EVIDENCE OF PERMISSION TO MAKE THE IMPROVEMENTS.
 - e. ALL HYDROLOGIC ANALYSES SHALL BE BASED ON THE EXISTING WATERSHED CHARACTERISTICS AND THE ULTIMATE DEVELOPMENT OF THE SUBJECT PROJECT.
 - f. IF THE APPLICANT CHOOSES AN OPTION THAT INCLUDES STORMWATER DETENTION, THEY SHALL OBTAIN APPROVAL FROM THE LOCALITY OF A PLAN FOR MAINTENANCE OF THE DETENTION FACILITIES. THE PLAN SHALL SET FORTH THE MAINTENANCE REQUIREMENTS OF THE FACILITY AND THE PERSON RESPONSIBLE FOR PERFORMING THE MAINTENANCE.
 - g. OUTFALL FROM A DETENTION FACILITY SHALL BE DISCHARGED TO A RECEIVING CHANNEL, AND ENERGY DISSIPATORS SHALL BE PLACED AT THE OUTFALL OF ALL DETENTION FACILITIES AS NECESSARY TO PROVIDE A STABILIZED TRANSITION FROM THE FACILITY TO THE RECEIVING CHANNEL.
 - h. ALL ON-SITE CHANNELS MUST BE VERIFIED TO BE ADEQUATE.
 - i. INCREASED VOLUMES OF SHEET FLOWS THAT MAY CAUSE EROSION OR SEDIMENTATION ON ADJACENT PROPERTY SHALL BE DIVERTED TO A STABLE OUTLET, ADEQUATE CHANNEL, PIPE OR PIPE SYSTEM, OR TO A DETENTION FACILITY.



2 INLET PROTECTION **IP**
SCALE: N.T.S.

MS4 STANDARD NOTES:

1. ONLY THE FOLLOWING NON-STORMWATER DISCHARGES ARE AUTHORIZED BY ARLINGTON COUNTY'S MS4 PERMIT, UNLESS THE STATE WATER CONTROL BOARD, THE VIRGINIA SOIL AND WATER CONSERVATION BOARD (BOARD), OR ARLINGTON COUNTY DETERMINES THE DISCHARGE TO BE A SIGNIFICANT SOURCE OR POLLUTANTS TO SURFACE WATERS: WATER LINE FLUSHING; LANDSCAPE IRRIGATION; DIVERTED STREAM FLOWS; RISING GROUND WATERS; UNCONTAMINATED GROUND WATER INFILTRATION (AS DEFINED AT 40 CFR 35.2005(20)); UNCONTAMINATED PUMPED GROUND WATER; DISCHARGES FROM POTABLE WATER SOURCES FOUNDATION DRAINS AIR CONDITIONING CONDENSATION; IRRIGATION WATER; SPRINGS; WATER FROM CRAWL SPACE PUMPS; FOOTING DRAINS; LAWN WATERING; INDIVIDUAL RESIDENTIAL CAR WASHING FLOWS FROM RIPARIAN HABITATS AND WETLANDS; DECHLORINATED SWIMMING POOL DISCHARGES; DISCHARGES OR FLOWS FROM FIRE FIGHTING, AND, OTHER ACTIVITIES GENERATING DISCHARGES IDENTIFIED BY DEPARTMENT OF ENVIRONMENTAL QUALITY AS NOT REQUIRING VPDES AUTHORIZATION.
2. APPROPRIATE CONTROLS MUST BE IMPLEMENTED TO PREVENT ANY NON-STORMWATER DISCHARGES NOT INCLUDED ON THE ABOVE LIST (E.G., CONCRETE WASH WATER, PAINTING WASH WATER, VEHICLE WASH WATER, DETERGENT WASH WATER, ETC.) FROM BEING DISCHARGED INTO ARLINGTON COUNTY'S MS4 SYSTEM, WHICH INCLUDES THE CURB AND GUTTER SYSTEM, AS WELL AS CATCH BASINS AND OTHER STORM DRAIN INLETS, OR STREAM NETWORK.
3. PER CHAPTER 26 OF THE ARLINGTON COUNTY CODE, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DISCHARGE DIRECTLY OR INDIRECTLY INTO THE STORM SEWER SYSTEM OR STATE WATERS, ANY SUBSTANCE LIKELY, IN THE OPINION OF THE COUNTY MANAGER, TO HAVE AN ADVERSE EFFECT ON THE STORM SEWER SYSTEM OR STATE WATERS.

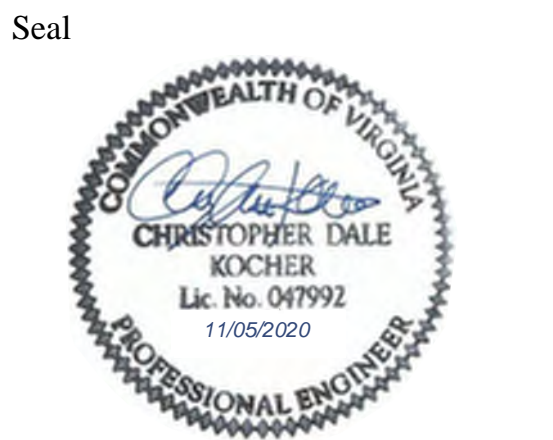
1992

TABLE 6-1 GENERAL EROSION AND SEDIMENT CONTROL NOTES	
ES-1:	Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook and Virginia Regulations 4VAC50-30 - Erosion and Sediment Control Regulations.
ES-2:	The plan approving authority must be notified one week prior to the pre-construction conference, one week prior to the commencement of land disturbing activity, and one week prior to the final inspection.
ES-3:	All erosion and sediment control measures are to be placed prior to or as the first step in clearing.
ES-4:	A copy of the approved erosion and sediment control plan shall be maintained on the site at all times.
ES-5:	Prior to commencing land disturbing activities in areas other than indicated on these plans (including, but not limited to, off-site borrow or waste areas), the contractor shall submit a supplementary erosion control plan to the owner for review and approval by the plan approving authority.
ES-6:	The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the plan approving authority.
ES-7:	All disturbed areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is achieved.
ES-8:	During dewatering operations, water will be pumped into an approved filtering device.
ES-9:	The contractor shall inspect all erosion control measures periodically and after each runoff-producing rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately.

1 GENERAL SEDIMENT CONTROL NOTES **C-401**



DEPARTMENT OF ENVIRONMENTAL SERVICES
Division of Transportation
Transit Bureau
2100 Clarendon Boulevard, Suite 900
Arlington, VA 22201
Phone: 703.228.3681
Fax: 703.228.7548



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

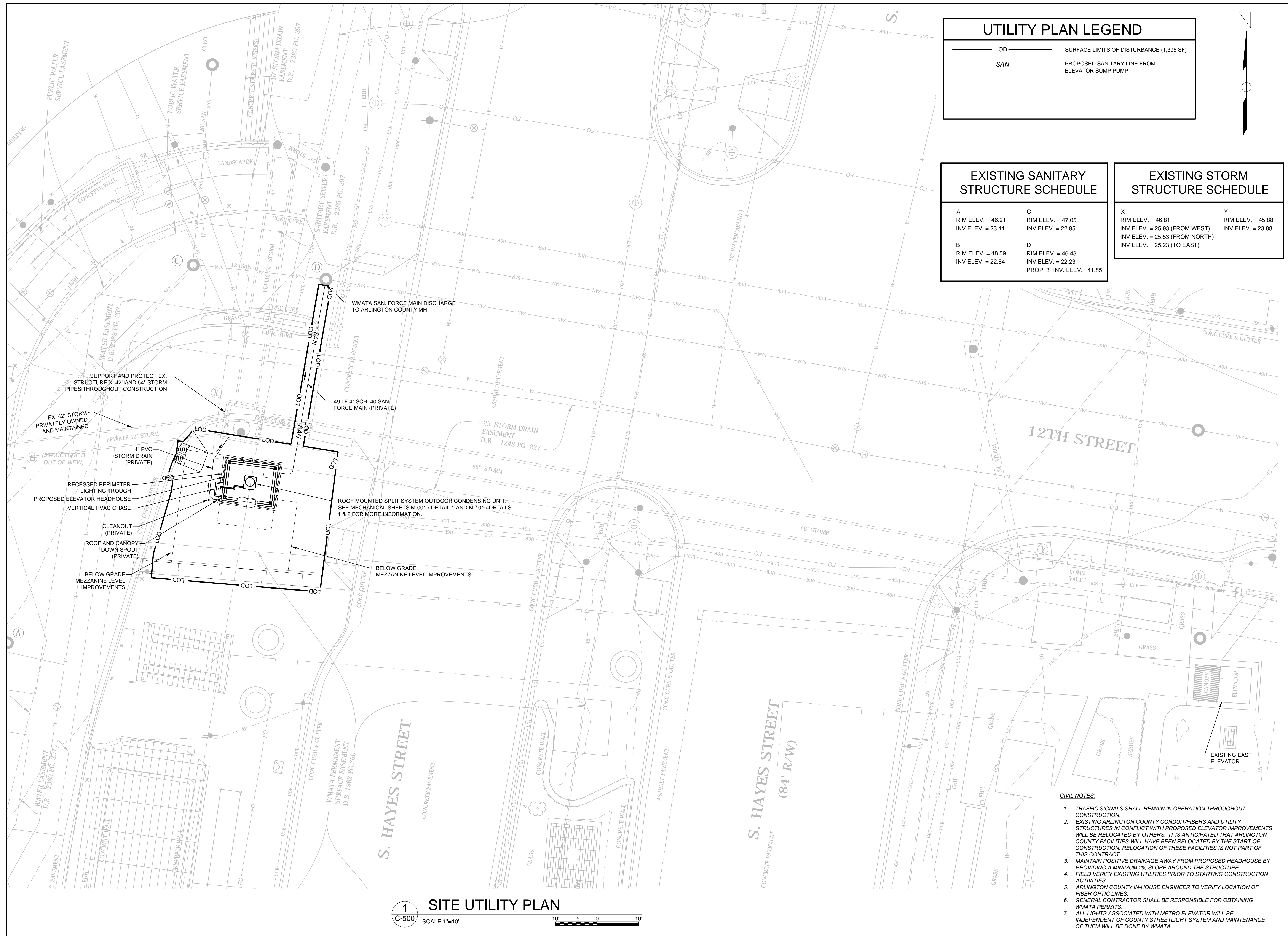
Project Name and Location
Pentagon City Station Elevator Project
 Erosion & Sediment Control Notes & Details
 South Hayes Street
C-401

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename:
Path:
Plotted by:
Plotted by:

Scale: NOT TO SCALE

100% PLANS - FOR CONSTRUCTION



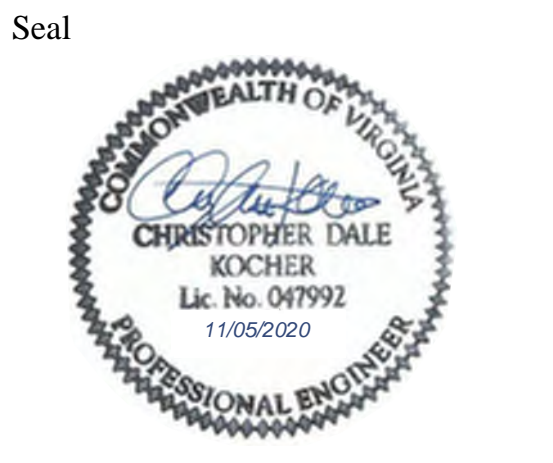
UTILITY PLAN LEGEND	
— LOD —	SURFACE LIMITS OF DISTURBANCE (1,395 SF)
— SAN —	PROPOSED SANITARY LINE FROM ELEVATOR SUMP PUMP

EXISTING SANITARY STRUCTURE SCHEDULE	
A	C
RIM ELEV. = 46.91	RIM ELEV. = 47.05
INV ELEV. = 23.11	INV ELEV. = 22.95
B	D
RIM ELEV. = 48.59	RIM ELEV. = 46.48
INV ELEV. = 22.84	INV ELEV. = 22.23
	PROP. 3" INV. ELEV. = 41.85

EXISTING STORM STRUCTURE SCHEDULE	
X	Y
RIM ELEV. = 46.81	RIM ELEV. = 45.88
INV ELEV. = 25.93 (FROM WEST)	INV ELEV. = 23.88
INV ELEV. = 25.53 (FROM NORTH)	
INV ELEV. = 25.23 (TO EAST)	



DEPARTMENT OF ENVIRONMENTAL SERVICES
 Division of Transportation
 Transit Bureau
 2100 Clarendon Boulevard, Suite 900
 Arlington, VA 22201
 Phone: 703.228.3681
 Fax: 703.228.7548



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

Project Name and Location
**Pentagon City Station
 Elevator Project**
 Site Utility Plan
 South Hayes Street
 C-500

Designed:
 Drawn:
 Checked:
 Miss Utility Transmittal #:

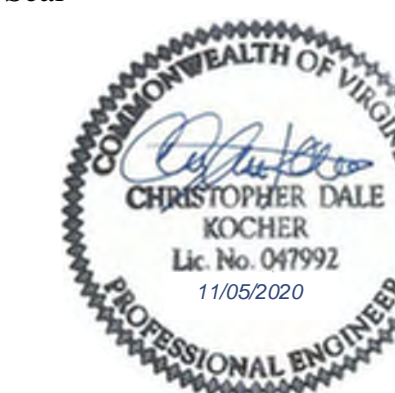
Filename:
 Path:
 Plotted:
 Plotted by:
 Scale: 1" = 10'

100% PLANS - FOR CONSTRUCTION

1 SITE UTILITY PLAN
 SCALE 1"=10'
 10' 5' 0' 10'

- CIVIL NOTES:**
- TRAFFIC SIGNALS SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION.
 - EXISTING ARLINGTON COUNTY CONDUIT/FIBERS AND UTILITY STRUCTURES IN CONFLICT WITH PROPOSED ELEVATOR IMPROVEMENTS WILL BE RELOCATED BY OTHERS. IT IS ANTICIPATED THAT ARLINGTON COUNTY FACILITIES WILL HAVE BEEN RELOCATED BY THE START OF CONSTRUCTION. RELOCATION OF THESE FACILITIES IS NOT PART OF THIS CONTRACT.
 - MAINTAIN POSITIVE DRAINAGE AWAY FROM PROPOSED HEADHOUSE BY PROVIDING A MINIMUM 2% SLOPE AROUND THE STRUCTURE.
 - FIELD VERIFY EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION ACTIVITIES.
 - ARLINGTON COUNTY IN-HOUSE ENGINEER TO VERIFY LOCATION OF FIBER OPTIC LINES.
 - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WMATA PERMITS.
 - ALL LIGHTS ASSOCIATED WITH METRO ELEVATOR WILL BE INDEPENDENT OF COUNTY STREETLIGHT SYSTEM AND MAINTENANCE OF THEM WILL BE DONE BY WMATA.

Seal



Approvals _____ Date _____

WMATA PROJECT MANAGER _____
FD&C BUREAU CHIEF _____
FD&C PROJECT MANAGER _____
TRANSIT BUREAU CHIEF _____
TRANSIT PROJECT MANAGER _____
WATER, SEWER STREETS BUREAU CHIEF _____
TRANSPORTATION DIRECTOR _____

Revisions _____ Date _____
ISSUED FOR CONSTRUCTION 11-20-2020

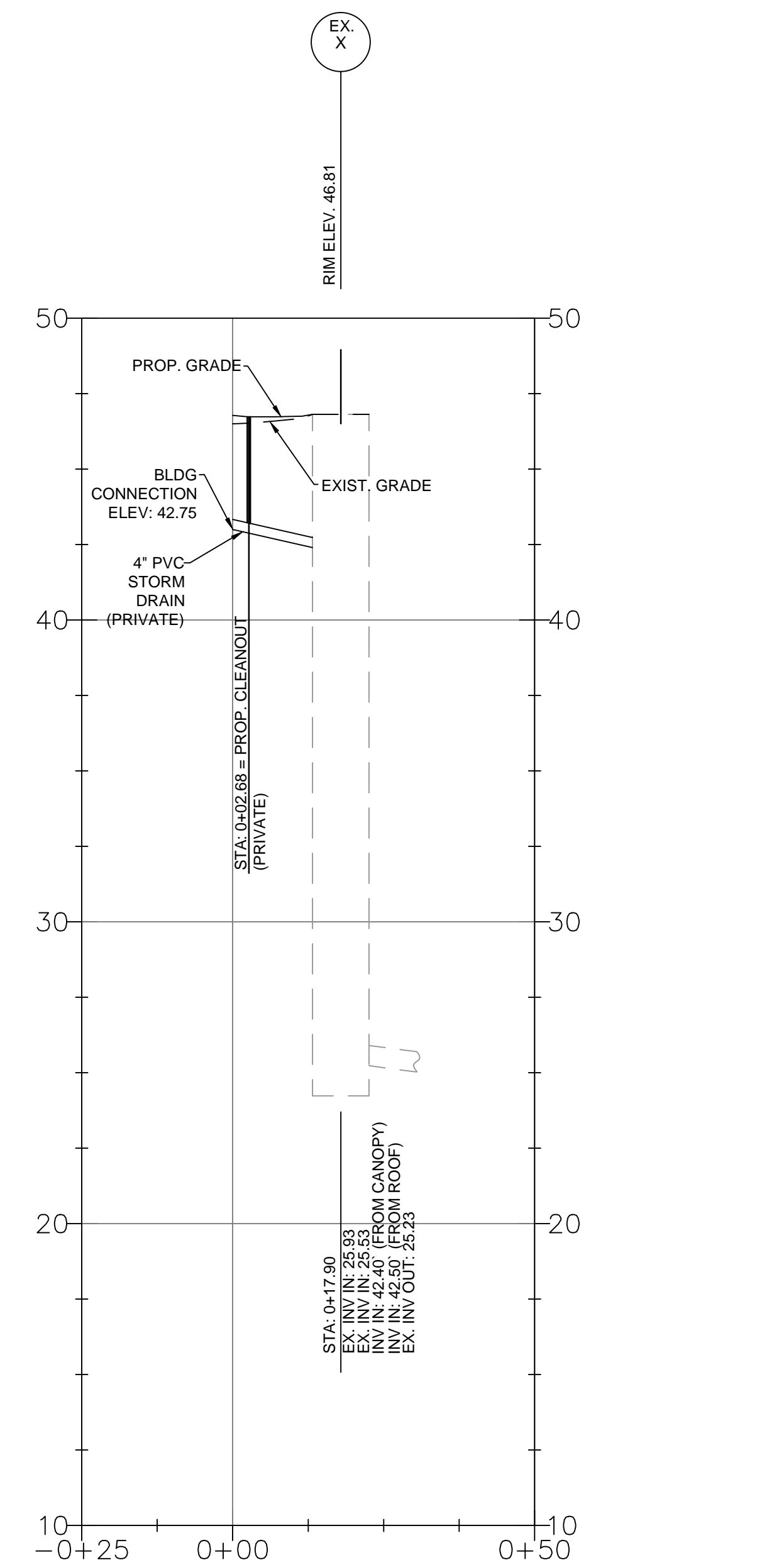
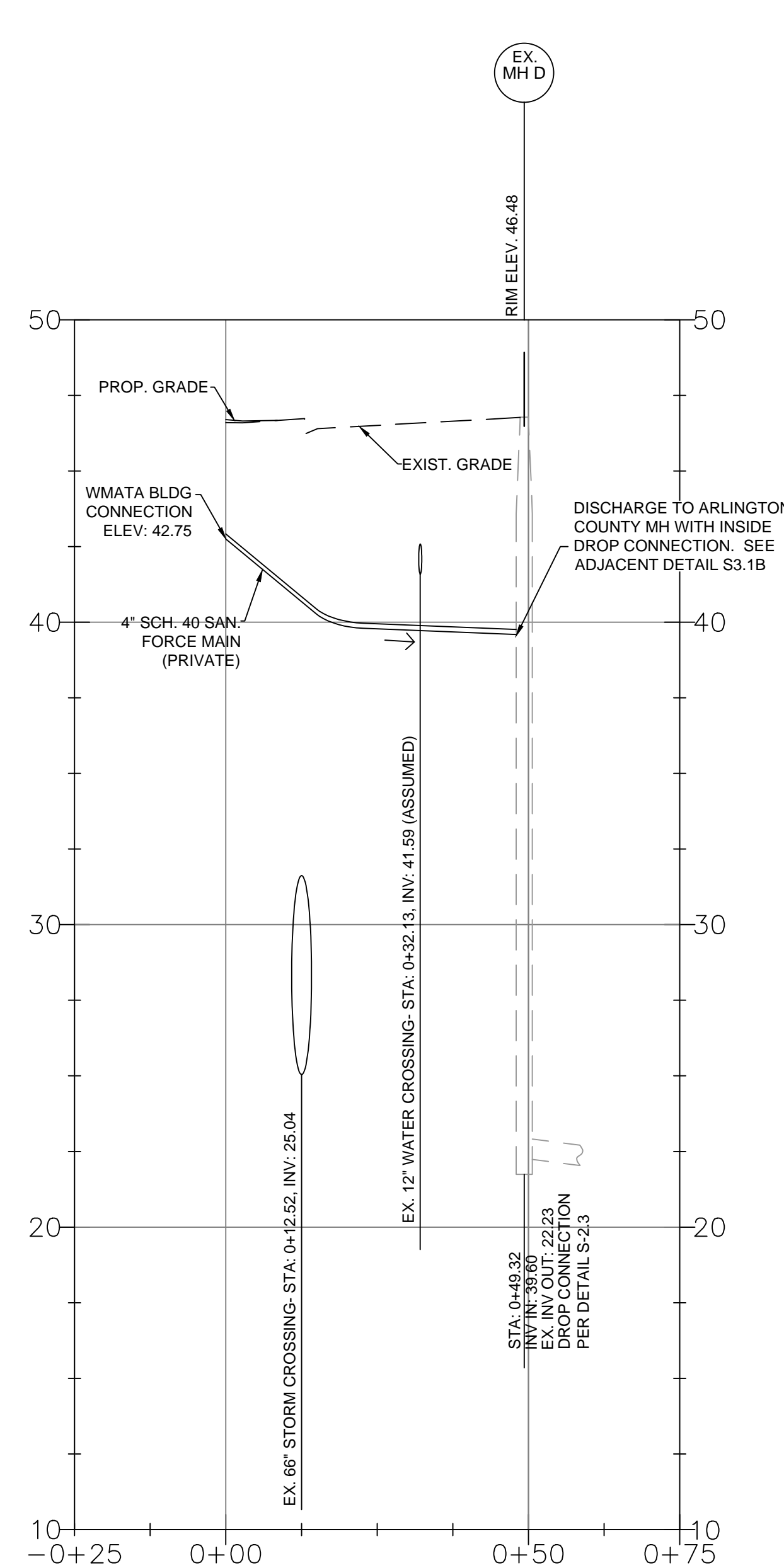
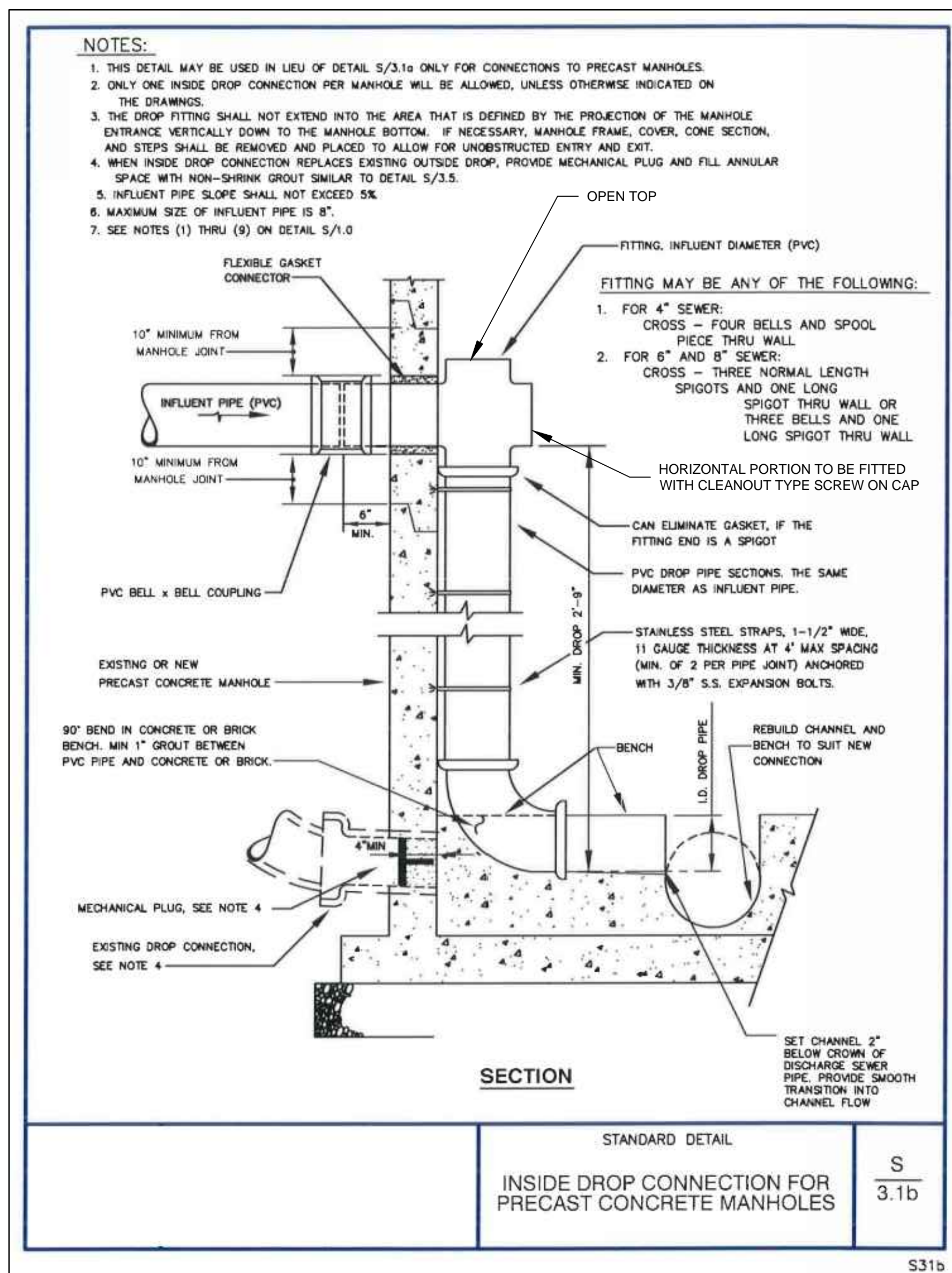
Project Name and Location
Pentagon City Station Elevator Project
Utility Profiles
South Hayes Street
C-501

Designed: _____
Drawn: _____
Checked: _____
Miss Utility Transmittal #: _____
Filename: _____
Path: _____
Plotted: _____
Plotted by: _____

Scale: VERTICAL: 1"=4'
HORIZONTAL: 1"=20'

100% PLANS - FOR CONSTRUCTION

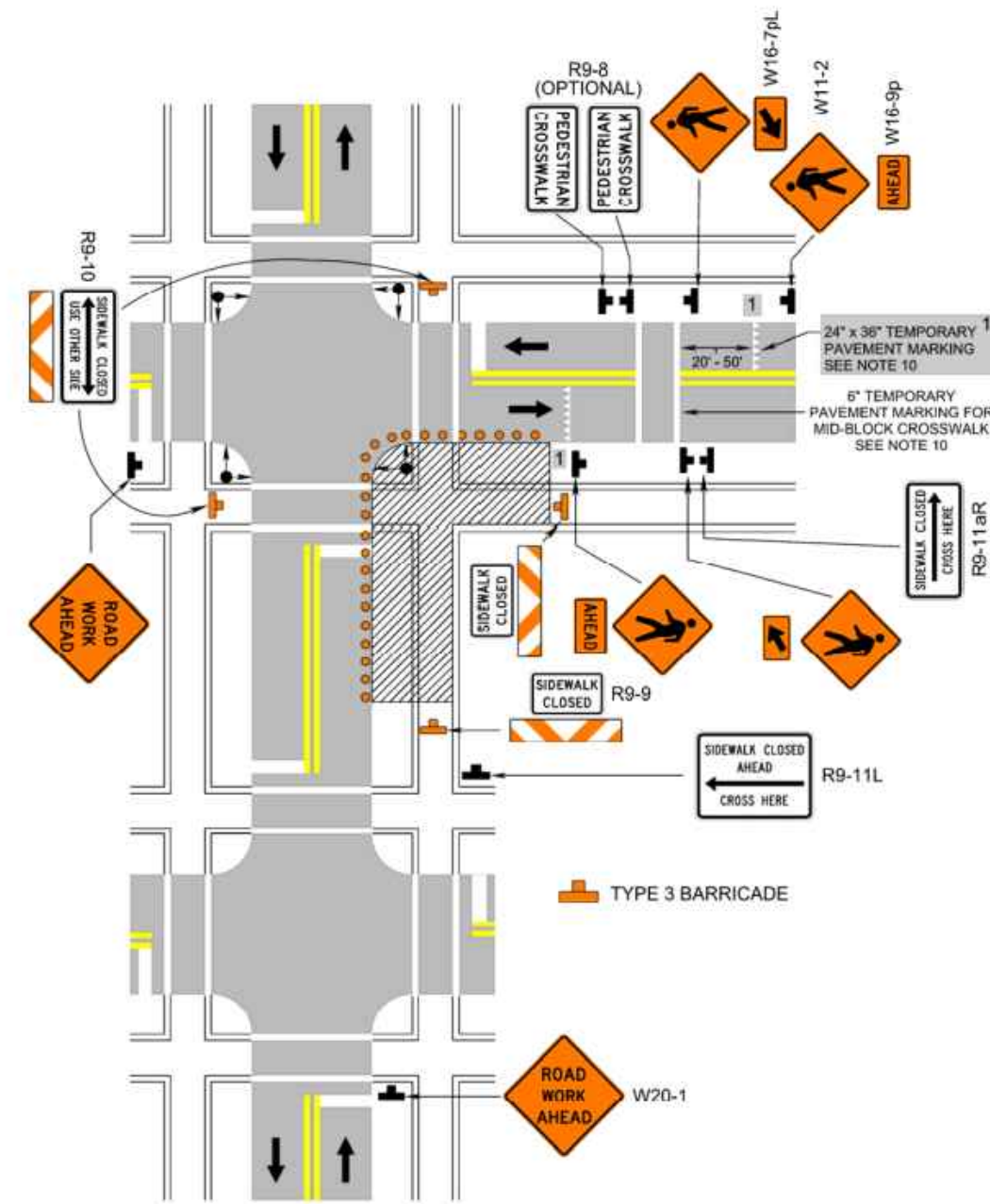
Sheet **10 OF 68**



CIVIL NOTES:

- NON-METALLIC PIPES/CONDUITS SHALL BE INSTALLED WITH TRACER WIRE TO BE LOCATABLE FROM THE SURFACE.

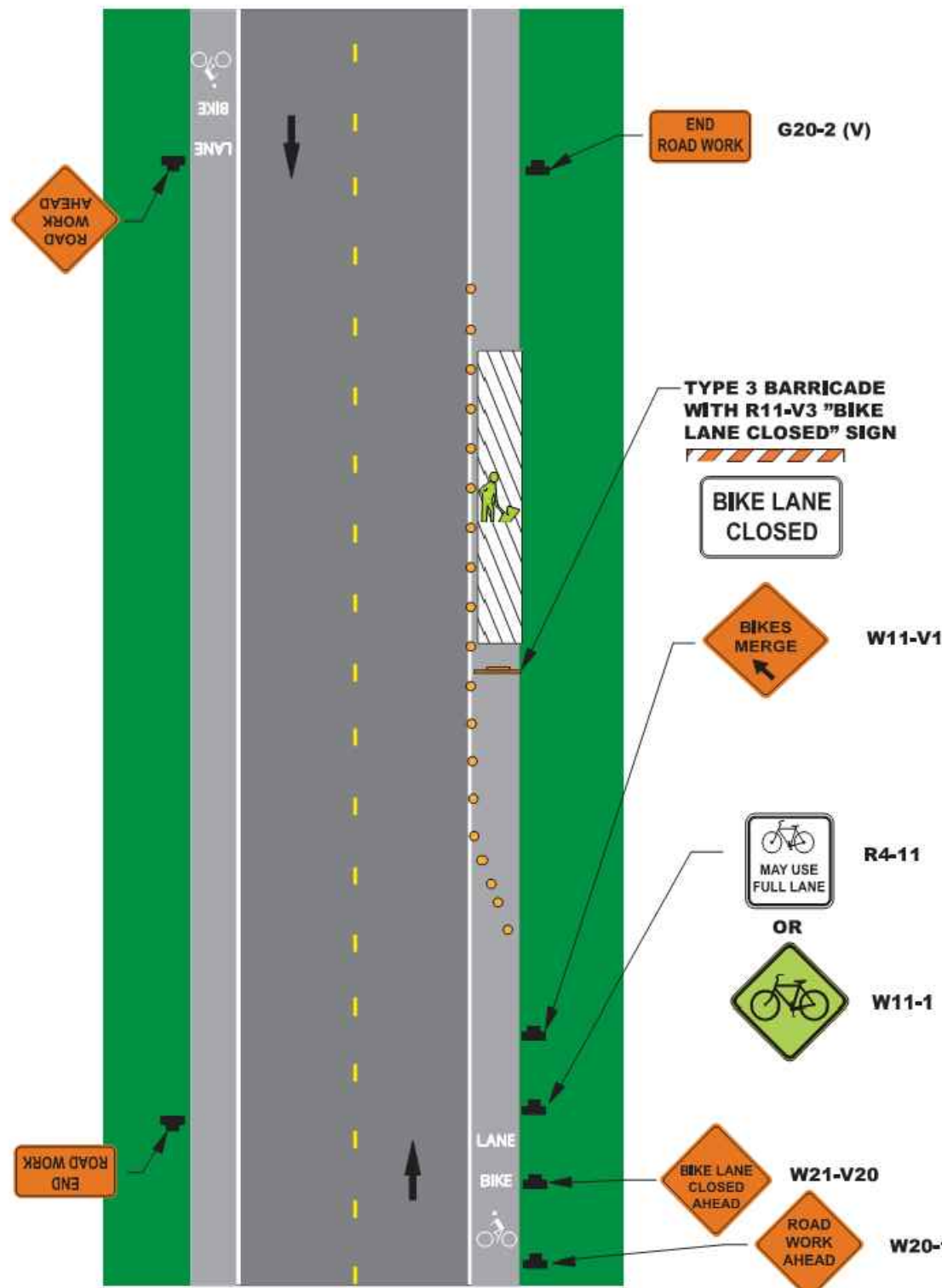
Crosswalk Closure and Pedestrian Detour Operation
(Figure TTC-36.1)



MAINTENANCE OF TRAFFIC GENERAL NOTES:

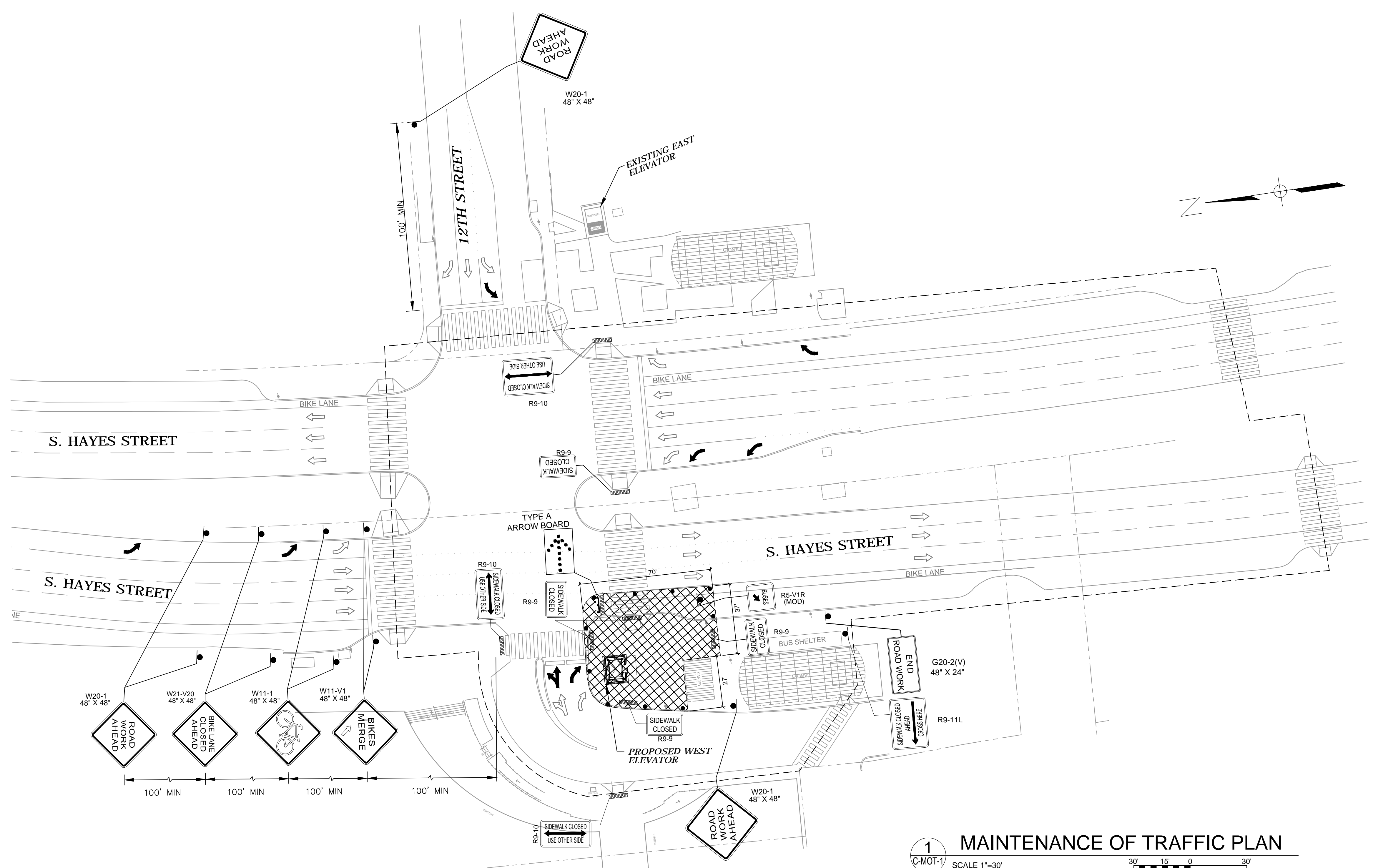
- TRAFFIC CONTROL SHALL COMPLY WITH THE LATEST EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL, VDOT'S GUIDELINES FOR TEMPORARY TRAFFIC CONTROL (TTC), 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE VIRGINIA DEPARTMENT OF TRANSPORTATION WORK ZONE PEDESTRIAN & BICYCLE GUIDANCE, ADA STANDARDS, ARLINGTON COUNTY STANDARDS, THE TRAFFIC CONTROL PLANS INCLUDED IN THE CONSTRUCTION DRAWINGS, THIS MAINTENANCE OF TRAFFIC PLAN, AND/OR AS DIRECTED BY ARLINGTON COUNTY TRAFFIC ENGINEER.
- THE COST OF MAINTENANCE OF TRAFFIC SHALL INCLUDE TEMPORARY PAVEMENT MARKINGS, IF ANY, FURNISHING FLAGMEN, AND FURNISHING, INSTALLING AND REINSTALLING ALL CONSTRUCTION SIGNS, SIGN POSTS, WARNING LIGHTS, AND OTHER TRAFFIC CONTROL DEVICES IDENTIFIED ON THE PLANS AND/OR AS REQUIRED BY ARLINGTON COUNTY TRAFFIC ENGINEER. IT SHALL INCLUDE COST OF PROPERLY MAINTAINING THESE ITEMS AS DETERMINED BY THE ENGINEER. IT SHALL ALSO INCLUDE THE REMOVAL OF ALL TRAFFIC CONTROL DEVICES AND OTHER MEASURES AND RESTORATION OF THE CONSTRUCTION WORK AREA AT THE COMPLETION OF THE CONSTRUCTION.
- PRIOR TO THE START OF THE WORK, THE CONTRACTOR SHALL SUBMIT TO THE COUNTY A PLAN AND SCHEDULE FOR TRAFFIC CONTROL FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL THIS PLAN HAS BEEN REVIEWED AND APPROVED BY THE COUNTY. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE WHICH INDICATES START AND FINISH DATES FOR EACH SEGMENT OF THE WORK. THE SCHEDULE SHALL INDICATE THE DURATION OF ALL LANE OR SHOULDER CLOSURES. SUBMITTAL OF AN ACCEPTABLE UPDATED SCHEDULE SHALL BE REQUIRED FOR PROCESSING OF THE MONTHLY PAYMENT REQUEST.
- THE CONTRACTOR SHALL NOT USE ROADWAYS, SIDEWALKS, OR ANY OTHER PORTION OF THE RIGHT-OF-WAY, PRIVATE PARKING LOTS WITHIN PROJECT LIMITS TO UNLOAD AND/OR STORE MATERIALS AND EQUIPMENT WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- THE CONTRACTOR MUST ABIDE BY COUNTY NOISE ORDINANCES.
- EXISTING PRIVATE ROADS, DRIVEWAYS, AND/OR ENTRANCES SHALL NOT BE USED TO ACCESS WORK ZONES.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL EITHER MAINTAIN APPROPRIATE SIGHT DISTANCE TO ALL TRAFFIC SIGNS OR PROVIDE FOR TEMPORARY SIGNAGE OR FLAGGERS TO GUIDE TRAFFIC WORK ZONES. THE MINIMUM LANE WIDTH SHOULD BE 11 FEET.
- THE CONTRACTOR SHALL MINIMIZE THE DURATION OF ANY BLOCKAGE TO PRIVATE ENTRANCES AND DRIVEWAYS. THE AFFECTED PROPERTY OWNER SHALL BE NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE IN ADVANCE OF SUCH ACTIVITIES, AND THE CONTRACTOR SHALL MAKE ALL PRIVATE ENTRANCE AND DRIVEWAYS ACCESSIBLE AT THE CONCLUSION OF EACH WORKDAY.
- ANY EXCAVATIONS WHICH ARE SPECIFICALLY APPROVED BY THE ENGINEER TO REMAIN OPEN PAST NORMAL WORKING HOURS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PROTECTED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL AND AS APPROVED BY THE ENGINEER.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE RETROREFLECTIVE OR ILLUMINATED DURING NIGHT TIME HOURS.
- PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, INCLUDING ACCESS TO BUS STOP SHELTERS.
- PEDESTRIAN TRAFFIC SHALL BE SEPARATED FROM WORK ZONES WITH APPROPRIATE MEASURES IN ACCORDANCE WITH MUTCD AND ADA STANDARDS.
- PROVISIONS FOR PEDESTRIAN SAFETY SHALL BE APPLIED BY KNOWLEDGEABLE PERSONS AFTER APPROPRIATE EVALUATION AS APPROVED BY COUNTY TRAFFIC ENGINEER AND IN ACCORDANCE WITH PROVISIONS SET FORTH IN THE MUTCD.
- ADEQUATE PROVISIONS FOR PERSONS WITH DISABILITIES SHALL BE PROVIDED AT ALL TIMES PER ADA REQUIREMENTS.
- WHEN NECESSARY, PEDESTRIANS SHALL BE APPROPRIATELY DIRECTED WITH ADVANCED WARNING SIGNS PLACED AT INTERSECTIONS, TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY IN ORDER TO PREVENT CONFLICT WITH MIDDLEBLOCK WORK SITES.
- PEDESTRIANS SHALL NOT BE LED INTO CONFLICT WITH WORK SITE EQUIPMENT, OPERATIONS, AND/OR VEHICLES MOVING THROUGH OR AROUND THE WORK SITE.
- CONTROL MEASURES SHALL BE SIMILAR TO THOSE DEPICTED IN FIGURE TTC 35.0 "SIDEWALK CLOSURE AND BYPASS SIDEWALK OPERATION" AND FIGURE TTC 36.1 "SIDEWALK CLOSURE AND PEDESTRIAN DETOUR OPERATION".
- BIKE LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.

- BIKE LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.
- PROJECT HOURS ARE AS FOLLOWS:
(A) IN ARLINGTON RIGHT-OF-WAY:
9:00 AM TO 4:00 PM (MON-FRI) & 10:00 PM TO 5:00 AM (NIGHT WORK)
(B) IN VDOT'S RIGHT-OF-WAY:
9:30 AM TO 3:00 PM (MON-THU); 9:30 AM TO 2:00 PM (FRI); 10:00 PM TO 5:00 AM (MON-FRI)
10:00 PM TO 9:00 AM (FRI-SAT); 10:00 PM TO 8:00 AM (SAT-SUN); 10:00 PM TO 5:00 AM (SUN-MON)
- PARKING SHALL BE RESTRICTED BY THE COUNTY AS PART OF THE RIGHT OF WAY PERMIT. CONTACT DES - PERMITTING SECTION, 703-228-4798, AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK.
- COORDINATE WITH ARLINGTON COUNTY TRANSIT BUREAU, 703-228-3049, AT LEAST 2 WEEKS PRIOR TO COMMENCEMENT OF WORK FOR APPROVAL, IF TRANSIT IS AFFECTED.
- ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES IN ACCORDANCE WITH SECTIONS 508.5.4 AND 508.5.5 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS IN ACCORDANCE WITH SECTION 503.4 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE. ACCESS TO CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.
- IN THE EVENT THAT EXISTING FIRE DEPARTMENT CONNECTIONS OR FIRE APPARATUS ACCESS ROADS (FIRE LANES) MUST BE OBSTRUCTED TO FACILITATE CONSTRUCTION ACTIVITIES, CONTRACT THE ARLINGTON COUNTY FIRE DEPARTMENTS FIRE PREVENTION OFFICE AT 703-228-4644 TO COORDINATE REVIEW AND APPROVAL OF TEMPORARY FIRE DEPARTMENT CONNECTIONS AND/OR FIRE APPARATUS ACCESS ROADS PRIOR TO CREATING THE OBSTRUCTION.
- FOR URBAN STREET SIGN SPACING, SEE TABLE 6H-5 PAGE 6H-6 OF THE VIRGINIA WORK AREA PROTECTION MANUAL REVISION 1 (2015).
- CONTRACTOR SHALL INSTALL HIGH INTENSITY FLASHING LIGHTS (TYPE "B") TO BE MOUNTED ON ADVANCE WARNING SIGNS & DETOUR SIGNS DURING NIGHT CONSTRUCTION WORK. THESE FLASHING LIGHTS WILL BE INSTALLED AT NO COST TO ARLINGTON COUNTY.



EXAMPLE OF A BICYCLE LANE CLOSURE
VDOT WORK ZONE PEDETRIAN AND BICYCLE GUIDANCE (2016), PG 21

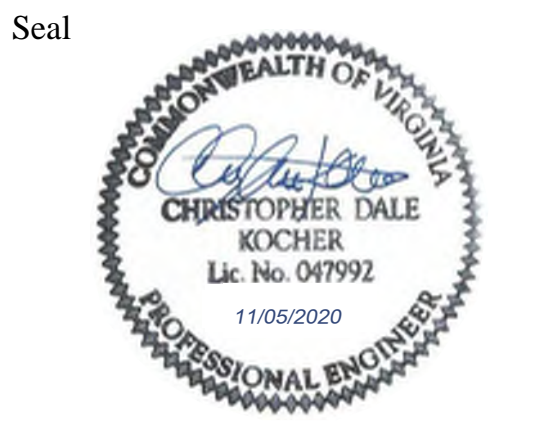
MOT LEGEND	
	WORK ZONE
	GROUP 2 TRAFFIC DRUMS (SPACED 20' O.C.)
	TEMPORARY TRAFFIC CONTROL SIGN
	ARROW BOARD SUPPORT
	TYPE 3 BARRICADE WITH TTC SIGN
	EXISTING LANE ARROW PAVEMENT MARKING
	ILLUSTRATIVE LANE USE ARROW
	PEDESTRIAN DETOUR ROUTE



1 MAINTENANCE OF TRAFFIC PLAN
SCALE 1"=30'



DEPARTMENT OF ENVIRONMENTAL SERVICES
Division of Transportation
Transit Bureau
2100 Clarendon Boulevard, Suite 900
Arlington, VA 22201
Phone: 703.228.3681
Fax: 703.228.7548



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

Project Name and Location
**Pentagon City Station
Elevator Project**
Maintenance of Traffic Plan
South Hayes Street
C-MOT-1

Designed:
Drawn:
Checked:
Miss Utility Transmittal #:

Filename:
Path:
Plotted:
Plotted by:

Scale: 1" = 30'

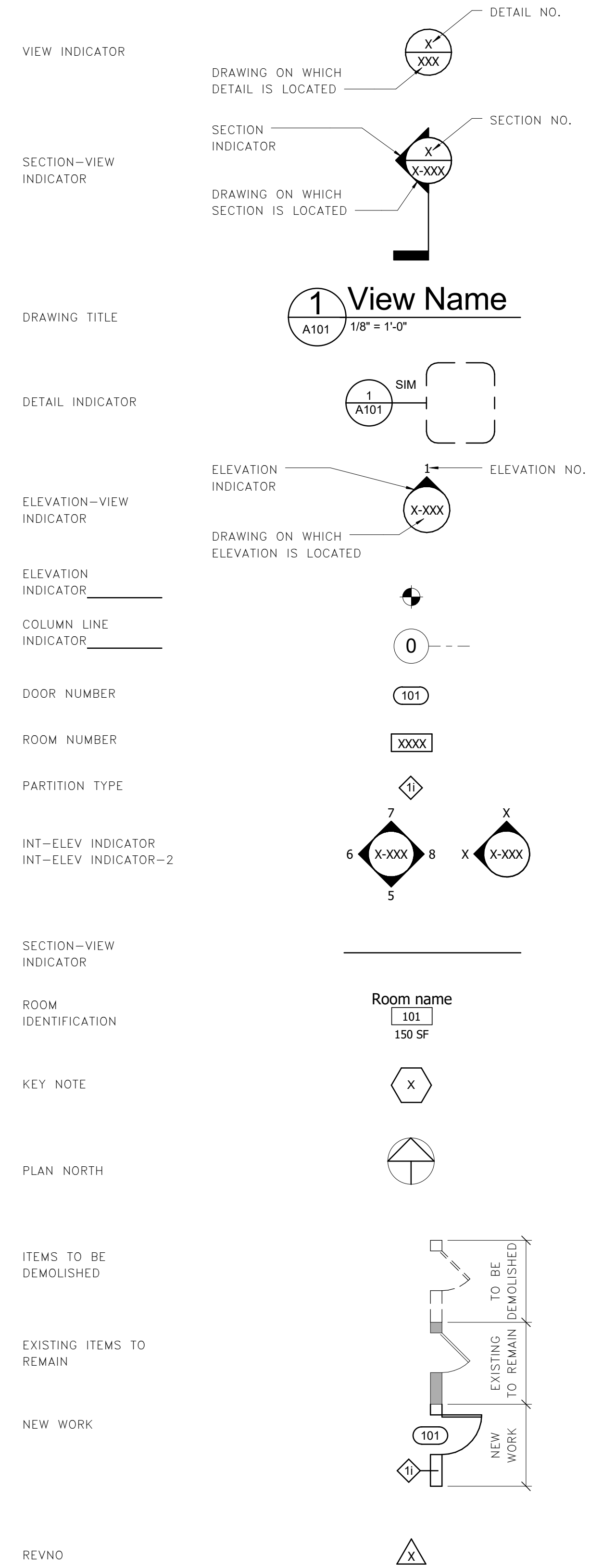
100% PLANS - FOR CONSTRUCTION

Sheet 11 OF 68

ABBREVIATIONS - ARCHITECTURE

A.C.	AIR CONDITIONER	G.R.	GUARD RAIL	R.	RISER
A.D.R.	ACCESS DOOR	GA.	GAUGE	R.A.	RETURN AIR
A.F.F.	ABOVE FINISHED FLOOR	GALV.	GALVANIZED	R.D.	ROOF DRAIN
A.P.	ACCESS PANEL	GL.	GLASS	RAD.	RADIUS
ABV.	ABOVE	GR.	GRILL	REF.	REFERENCE
AC.T.	ACOUSTIC TILE	GRTG.	GRATING	REFRIG.	REFRIGERATOR
ADJ.	ADJUSTABLE OR ADJACENT	GYP.	GYPSUM	REINF.	REINFORCED;ING:MENT
ALUM.	ALUMINUM	GYP.BD.	GYPSUM BOARD	REQ.	REQUIRED
ANG.	ANGLE			RM.	ROOM
ANOD.	ANODIZED	H.	HIGH	RW	RAIN WATER
APPD.	APPROVED	H.C.	HUNG CEILING	S.	SINK
APPROX.	APPROXIMATE	H.M.	HOLLOW METAL	S.C.	SELF CLOSING
ARCH.	ARCHITECTURAL	H.P.	HIGH POINT	S.D.	SOAP DISPENSER
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	H.R.	HANDRAIL	S.F.	SQUARE FEET
		H.S.	HIGH STRENGTH	S.P.	SEE PLAN
		H.V.A.C.	HEATING, VENTILATION & AIR CONDITIONING	S.P.T.	STARTING POINT
B.	BASE	HD.	HEAD	S.S.	STAINLESS STEEL
B.L.	BUILDING LINE	HDR.	HEADER	SDL.	SADDLE
BD.	BOARD	HEX.	HEXAGONAL	SECT.	SECTION
BKT.	BRACKET	HGT.	HEIGHT	SHT.	SHEET
BLDG.	BUILDING	HORIZ.	HORIZONTAL	SIM.	SIMILAR
BM.	BEAM	HR.	HOUR	S.J.	SEISMIC JOINT
BOT.	BOTTOM	HTR.	HEATER	SLD'G.	SLIDING
BRK.	BRICK			SPEC.	SPECIFICATION
		I.D.	INSIDE DIAMETER	SO.	SQUARE
C.	COURSES	INCL.	INCLUDING	ST.	STAINLESS
C.H.	CEILING HEIGHT	INFO.	INFORMATION	STIFF.	STIFFENER
C.J.T.	CONSTRUCTION JOINT	INSUL.	INSULATION	STL.	STEEL
C.L.	CENTERLINE	INT.	INTERIOR	STOR.	STORAGE
C.M.U.	CONCRETE MASONRY UNIT			STRUCT.	STRUCTURAL
C.R.	CEILING REGISTER	JT.	JOINT	SUSP.	SUSPENDED
C.S.	CONCRETE SLAB			SW.	SWITCH
CAB.	CABINET	K.	KIPS	SYS.	SYSTEM
CEM.	CEMENT			SJ	SEISMIC JOINT
CER.T.	CERAMIC TILE				
CHAN.	CHANNEL	L.	ANGLE	T.	TREAD
CLG.	CEILING	L.L.	LIVE LOAD	T.&B.	TOP AND BOTTOM
CLOS.	CLOSET	L.P.	LOW POINT	T.&G.	TONGUE AND GROOVE
COL.	COLUMN	L.W.	LIGHT WEIGHT	T.&S.	TAPE AND SPACKLE
CONC.	CONCRETE	LAM.	LAMINATED	T.O.	TOP OF
COND.	CONDITIONS	LAV.	LAVATORY	T.O.MAS.	TOP OF MASONRY
CONN.	CONNECTION	LG.	LONG	T.O.SL.	TOP OF SLAB
CONST.	CONSTRUCTION	LT.	LIGHT	T.O.S.	TOP OF STEEL
CONT.	CONTINUOUS	LTG.	LIGHTING	T.P.H.	TOILET PAPER HOLDER
CONV.	CONVECTOR			TAN.	TANGENT
CORR.	CORRIGATED	M.	MEN	TEL.	TELEPHONE
CSK.	COUNTERSINK;SUNK	M.D.	METAL DECK	TEMP.	TEMPORARY
CT	CERAMIC TILE	M.H.	MANHOLE	TERM.	TERMINAL
		M.O.	MASONRY OPENING	THK.	THICK
D.	DIAMETER	M.S.	MARBLE SADDLE	TRANSF.	TRANSFORMER
D.O.	DITTO	MAT'L.	MATERIAL	TYP.	TYPICAL
DBL.	DOUBLE	MAX.	MAXIMUM	U.L.DES.	UNDERWRITERS LABORATORY DESIGN
DEMO.	DEMOLITION	MECH.	MECHANICAL	U.N.	UNLESS NOTED
DEPT.	DEPARTMENT	MFG.	MANUFACTURER	UNIF.	UNIFORM
DET.	DETAIL	MIN.	MINIMUM	UNFIN.	UNFINISHED
DIA.	DIAMETER	MIRR.	MIRROR	U.K.	UNIT KITCHEN
DIFF.	DIFFUSER	MISC.	MISCELLANEOUS		
DIM.	DIMENSION	MTL.	METAL	VT	VINYL TILE
DN.	DOWN	M.W.	MILLWORK	V.	VINYL
DPL.	DUPLEX			V.C.T.	VINYL COMPOSITE TILE
DRN.	DRAIN	N.	NORTH	V.I.F.	VERIFY IN FIELD
DWG.	DRAWING	N.F.	NEAR FACE	VERT.	VERTICAL
		N.I.C.	NOT IN CONTRACT	VEST.	VESTIBULE
		N.S.	NEAR SIDE		
		N.T.S.	NOT TO SCALE		
		NO.	NUMBER	W/	WITH
				W.	WIDE
E.F.	EACH FACE	O.A.	OVER ALL	W.C.	WATER CLOSET
EA.	EACH	O.C.	ON CENTER	W.P.	WORKING POINT
EL.	ELEVATION	O.H.	OVER HEAD.	W.R.	WASTE RECEPTACLE
ELEC.	ELECTRICAL	OPN'G.	OPENING	W.W.F.	WELDED WIRE FABRIC
ELEV.	ELEVATOR	OPP.	OPPOSITE	WD.	WOOD
EMERG.	EMERGENCY	O.D.	OUTSIDE DIAMTER	WPG.	WATER PROOFING
ENCL.	ENCLOSURE				
EQ.	EQUAL	PART.	PARTITION		
EQ.SP.	EQUAL SPACES	PENETR.	PENETRATION		
EQUIP.	EQUIPMENT	P.I.P.	POURED IN PLACE		
ETC.	ETCETERA	PL.	PLATE		
EXT.	EXTERIOR	PLAS.	PLASTER		
EXIST.	EXISTING	PLUM.	PLUMBING		
EXP.JT.	EXPANSION JOINT	P.M.	PREMOLDED		
EXP.N.	EXPANSION	PNL.	PANEL		
EXTN.	EXTENSION	POL.	POLISHED		
E.W.C.	ELECTRIC WATER COOLER	PREFAB.	PREFABRICATED		
		P.S.F.	POUNDS PER SQUARE FOOT		
F.A.	FRESH AIR	P.S.I.	POUNDS PER SQUARE INCH		
F.D.	FLOOR DRAIN	PT.	PART		
F.FLR	FINISH FLOOR	PTD.	PAINTED		
F.F.	FAR FACE	P.T.D.D.	PAPER TOWEL DISPENSER & DISPOSAL		
F.H.C.	FIRE HOSE CABINET	Q.T.	QUARRY TILE		
F.H.R.	FIRE HOSE RACK				
F.O.	FACE OF				
F.P.	FIRE PROOFING				
F.S.	FAR SIDE				
FDN.	FOUNDATION				
FIN.	FINISHED				
FIXT.	FIXTURE				
FL.	FLUSH				
FLR.	FLOOR				
FLT.HD.	FLAT HEAD				
FR.	FRAME				
FT.	FEET:FOOT				
FTG.	FOOTING				
FURN.	FURNACE				
FUT.	FUTURE				

GENERAL SYMBOLS



ARCHITECTURAL NOTES

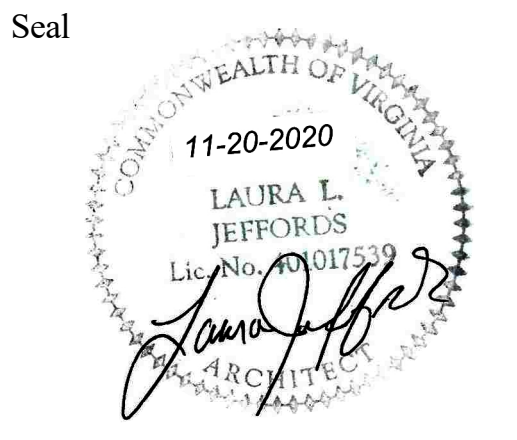
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH ALL SUB-CONTRACTORS AND APPLICABLE TRADES.
- ALL WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S LATEST STANDARD RECOMMENDATIONS AND ALL APPLICABLE CODES.
- FOR LEGEND AND ABBREVIATIONS SEE THIS DRAWING.
- COORDINATE OPENING LOCATIONS AND SIZES THROUGH PARTITIONS ABOVE THE CEILINGS REQUIRED PENETRATIONS WITH MEP AND PROCESS DRAWINGS.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF LIGHT FIXTURES, SPRINKLER HEADS, REGISTERS, ETC. WITH THE ELECTRICAL, MECHANICAL, PLUMBING, AND SPRINKLER DRAWINGS. ALL SPRINKLER HEADS, DIFFUSERS AND REGISTERS SHALL BE CENTERED IN SUSPENDED ACOUSTICAL PANELS, UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONTRACTOR SHALL FILL ALL VOIDS IN MASONRY AND CONCRETE AROUND ALL PENETRATIONS WITH CONSTRUCTION TO MATCH SURROUNDING CONDITIONS UNLESS OTHERWISE NOTED.
- CONTRACTOR IS RESPONSIBLE FOR PAINTING ALL EXPOSED STEEL, DECKING, PIPING, CONDUIT, SPRINKLER PIPING AND DUCTS WHICH ARE EXPOSED IN AREAS WITH NO CEILINGS AND SCHEDULED TO RECEIVE PAINT FINISH AS INDICATED ON INTERIOR FINISH NOTES.
- THE ABBREVIATION "AFF" STANDS FOR "ABOVE FINISHED FLOOR". THIS IS MEANT TO INDICATE THE DIMENSION ABOVE THE FINAL FLOOR FINISH (I.E. CARPET, CT, VCT, ETC.) THE GENERAL CONTRACTOR MUST REVIEW AND COORDINATE ANY REQUIRED FINAL FLOOR FINISH WITH ANY HEIGHTS REQUIRED BEFORE THE INSTALLATION OF THE FLOOR FINISH.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF FINISHED WALL. ALL EXTERIOR DIMENSIONS ARE TO THE FACE OF CONCRETE.
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE VUSBC 2012, IBC 2012, NEC 2011, ICC A117.1-2009 and ASME A17.1.2010
- MEANS TO CONTROL FLUIDS IN ELEVATOR PITS SHALL COMPLY WITH REQUIREMENTS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
- A COPY OF THE APPROVED DRAWINGS AND THE PERMIT SHALL BE ON THE JOB SITE.
- COMPLY WITH ALL REQUIREMENTS OF THE APPROVED DRAWINGS.
- FINAL ACCEPTANCE APPROVAL CONTINGENT ON FIELD INSPECTION FROM ARLINGTON COUNTY AUTHORIZED ELEVATOR INSPECTOR.

MATERIAL LEGEND

	EARTH		STEEL IN SECTION
	GRAVEL		PLYWOOD
	CONCRETE MASONRY UNIT		COMPOSITE METAL PANEL
	EXTERIOR FINISH MASONRY UNIT		WOOD BLOCKING
	CONCRETE		RIGID INSULATION
	EXISTING CONCRETE		



DEPARTMENT OF ENVIRONMENTAL SERVICES
 Division of Transportation
 Transit Bureau
 2100 Clarendon Boulevard, Suite 900
 Arlington, VA 22201
 Phone: 703.228.3681
 Fax: 703.228.7548



Approvals _____ Date _____

WMATA PROJECT MANAGER _____

FD&C BUREAU CHIEF _____

FD&C PROJECT MANAGER _____

TRANSIT BUREAU CHIEF _____

TRANSIT PROJECT MANAGER _____

WATER, SEWER STREETS BUREAU CHIEF _____

TRANSPORTATION DIRECTOR _____

Revisions _____ Date _____

ISSUED FOR CONSTRUCTION 11-20-2020

Project Name and Location
Pentagon City Station Elevator Project
 Architectural Notes and Symbols
 South Hayes Street
 A-001

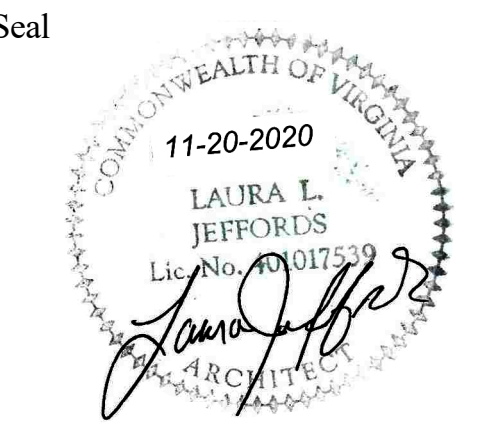
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 Drawn: ZS
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 Plotted by:

Scale: NONE

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Sheet 12 OF 68



Approvals _____ Date _____

WMATA PROJECT MANAGER _____

FD&C BUREAU CHIEF _____

FD&C PROJECT MANAGER _____

TRANSIT BUREAU CHIEF _____

TRANSIT PROJECT MANAGER _____

WATER, SEWER STREETS BUREAU CHIEF _____

TRANSPORTATION DIRECTOR _____

Revisions _____ Date _____

ISSUED FOR CONSTRUCTION 11-20-2020

Project Name and Location
Pentagon City Station Elevator Project
Codes Summary
South Hayes Street
A-002

Designed: AK
Drawn: AK
Checked: HS
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Sheet **13 OF 68**

BUILDING CODE SUMMARY

Pentagon City Station Elevator Project
Address: South Hayes Street Zip Code: 22202
Proposed Use: ADA Access to Lower Level Metro Mezzanine and Mall Entrance
Owner/Agent: ARLINGTON COUNTY
Owned By: County Private State
Code Enforcement Jurisdiction: City County Arlington State

PROJECT SUMMARY

Project involves an addition of a second elevator that will provide access to the passageway from the west side of Hayes Street as well as provide elevator redundancy for Pentagonon City East station entrance when one elevator is out of service for any reason, consistent with current WMATA design criteria.

Designer	Firm	Name	Telephone	Email
Project Lead	STV In.	Chris Kocher	571.633.2228	Christopher.Kocher@stvinc.com
Architectural	STV Inc.	Albano Kasemi	571-830-1192	Albano.Kasemi@stvinc.com
Civil	STV Inc.	Robert Smythe	202-753-5311	Robert.Smythe@stvinc.com
Electrical	STV Inc.	Joe Remson	757-905-6624	Joseph.Remson@stvinc.com
Fire Alarm	STV Inc.	Richard Smith	610.385-8398	Rich.Smith@stvinc.com
Plumbing	STV Inc.	Richard Smith	610.385-8398	Rich.Smith@stvinc.com
Mechanical	STV Inc.	Patrick Mullen	610-385-8407	Patrick.Mullen@stvinc.com
Fire Protection	STV Inc.	Richard Smith	610.385-8398	Rich.Smith@stvinc.com
Structural	STV Inc.	Al Ducker	571-633-2236	Albert.Ducker@stvinc.com
Vertical Transportation	VDA Associates	Steve Robertson	202-828-1235	Srobertson@vdassoc.com

Building Code: 2012 Virginia Uniform Statewide Building Code

New Building: New Building Interior fitout/alteration Addition Shell Building

BUILDING DATA

Construction Type: I-A II-A III-A I-B II-B III-B V-A
 IV V-B
Mixed Construction: Yes No

Sprinklers: Yes No
Standpipes: Yes No
Fire District: Yes No
Building Height: 15' - 7" # Of Stories 1

Floor	Existing Sq. Ft.	New Sq. Ft.	Sub-Total
Mezzanine	N/A	692	692
At Grade	N/A	129	129

Gross Building Area: 821 SF

OCCUPANCY

Primary Occupancy: Assembly A-1, A-2, A-3, A-4 Institutional Parking Garage
 Business Mercantile Repair Garage
 Educational Residential 1,2,3 or 4
 Factory S-1 Storage
 F-1 Moderate S-2 Storage
 F-2 Low Hazard Utility & Miscellaneous

Story No.	Description	(A) bldg area per story	(B) table area 503.5	(C) area for frontage increase	(D) area for sprinkler increase	(E) Allowable area or unlimited	(F) Maximum Bldg Area
Mezzanine		692 SF	19000 SF	N/A	N/A	N/A	N/A
At Grade/Plaza		129 SF	19000 SF	N/A	N/A	N/A	N/A

Type of Construction	Allowable (Table 503)	Increase for sprinklers 506.3	Shown on Plans	Code Reference
Type II-A	65 ft	N/A	Type II-A 15'-7"	Table 503
Building Height in Feet	65 ft	N/A	1 Story	Table 503
Building Height in Stories	4 Stories	N/A		Table 503

Fire Protection Requirements (Table 601 & 602)		
Type II-A	Primary Structure (601) 1 hour	Walls (602) X ≥ 30 ft 0 hr

Life Safety System Requirements

Emergency Lighting S1006 Yes No
Exit Signs S1011 Yes No
Fire Alarm S907, NFPA Yes No
Smoke Detection Systems S907 Yes No
Panic Hardware S1008.1.10 Yes No
Life Safety Systems Generator S2702.2 Yes No

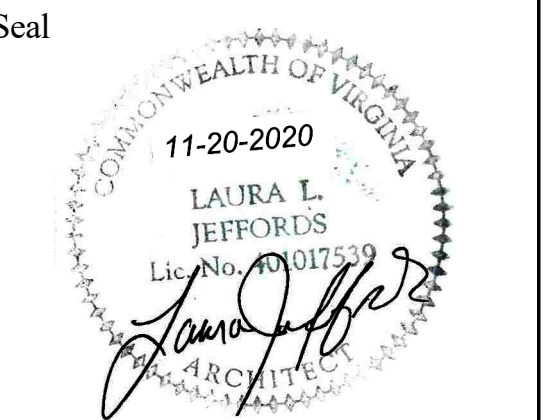
Exit Requirements

Floor, Room or Space Designation	Min. # of Exits	Shown on Plan	Travel Distance	Allowed Travel Distance	Actual Travel Distance	Arrangement means of egress	Req.d distance between exit doors	Actual distance shown on plans
250 Vestibule	1	1	400 ft.	400 ft.	15 ft.	75 ft	75 ft	15 ft.
251 Elev. Machine Room	1	1	400 ft.	400 ft.	33 ft.	75 ft	75 ft	33 ft.

Building with single exits (Table 1021.2) Spaces with one means of egress (Table 1015.1)
Common Path of Travel (Section 1014.3)

Occupant Load and Exit Width

Use Group or Space Designation	(a) AREA Sq. Ft.	(b) AREA PER OCCUPANT	CALCULATED OCCUPANT LOAD(a/b)	(c) EGRESS WIDTH PER OCCUPANT (SECTION 1005.1)	(c) EGRESS WIDTH PER OCCUPANT (SECTION 1005.1) (a/b) x c	ACTUAL WIDTH SHOWN ON PLANS
250 Vestibule	215 SF	100 gross	3	0.02	0.06"	72"
251 Elev. Machine Room	185 SF	300 gross	1	0.02	0.02"	42"



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

Revisions	Date
ISSUED FOR CONSTRUCTION	11-20-2020

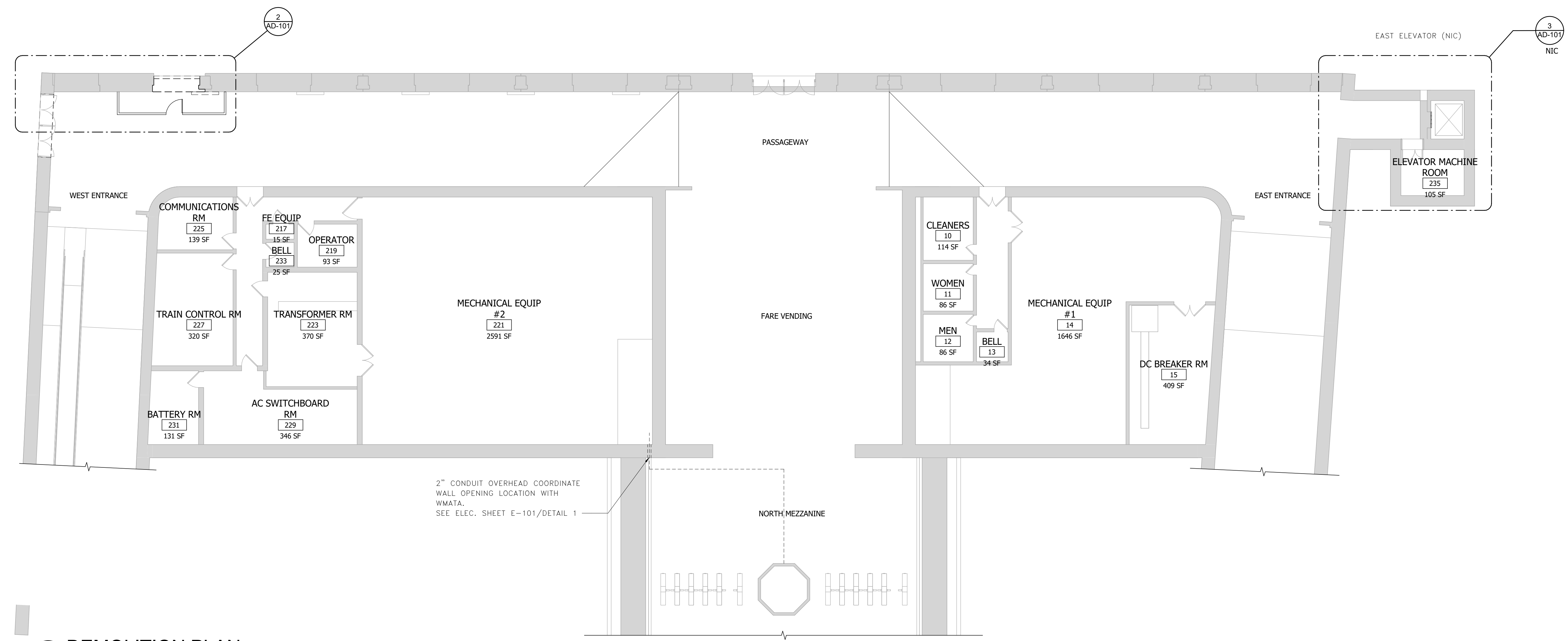
Project Name and Location
**Pentagon City Station
Elevator Project**
Demolition Plan
South Hayes Street
AD-101

Designed: KJP
Drawn: OO
Checked: PGS
Miss Utility Transmittal #:

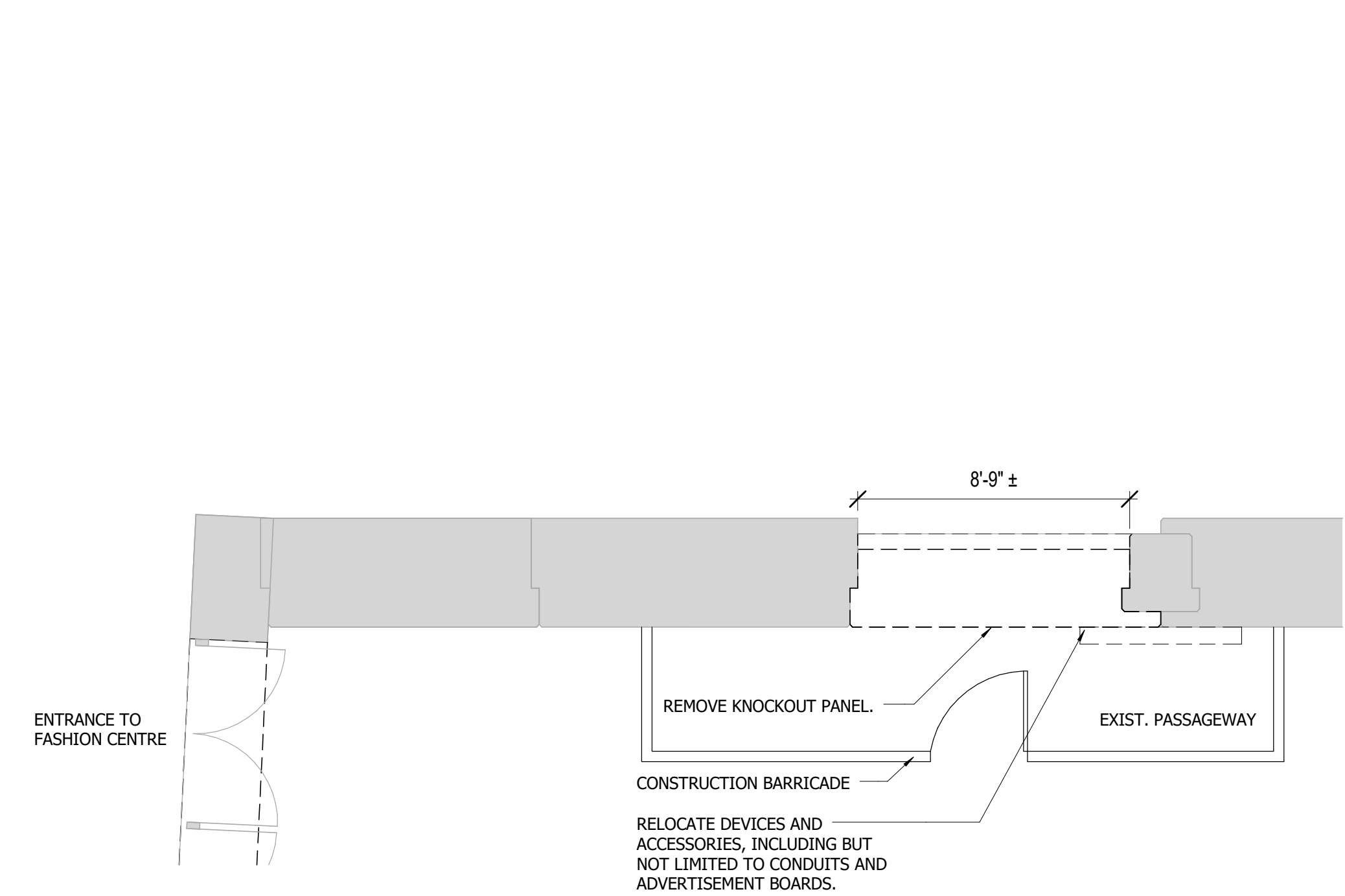
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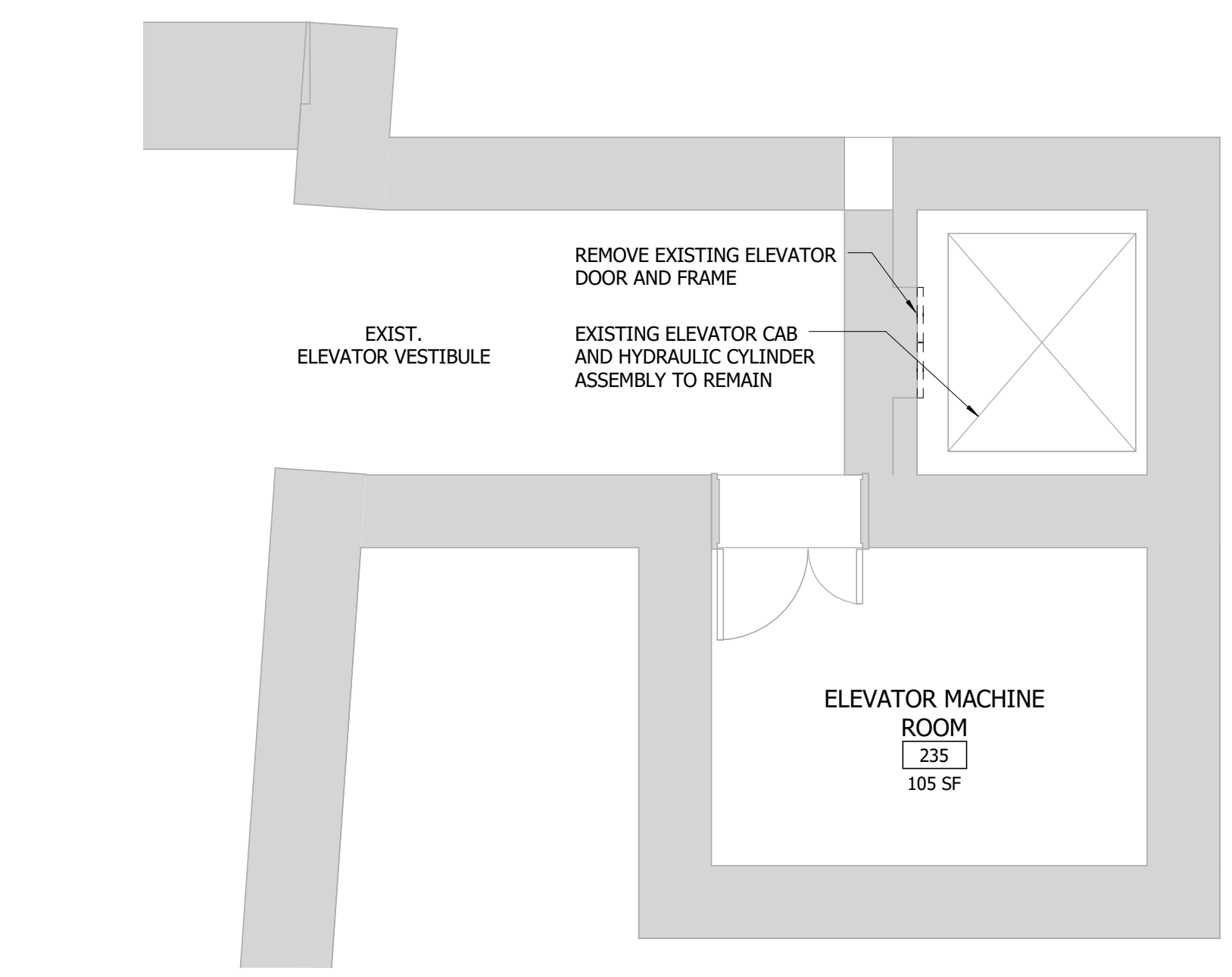
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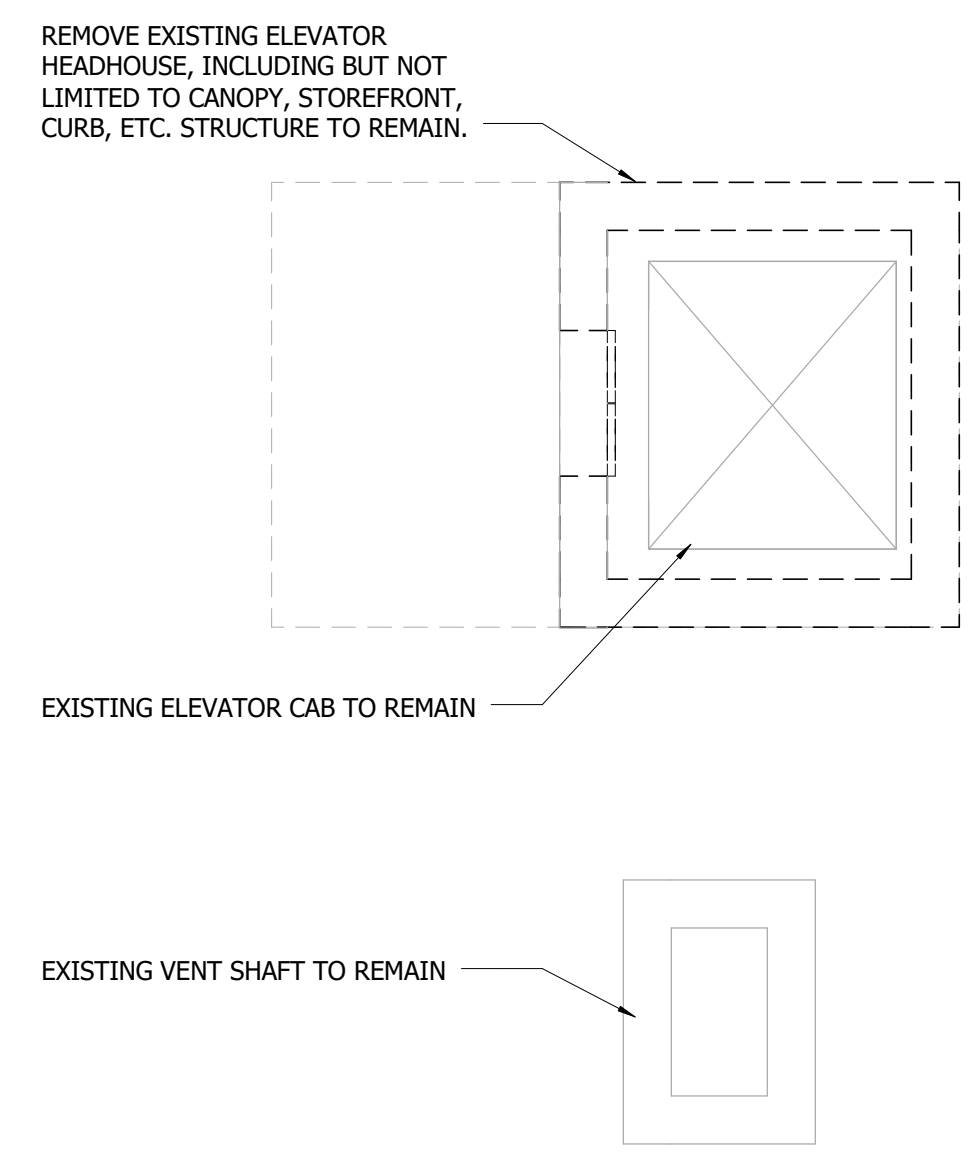
1 DEMOLITION PLAN
AD-101 3/32" = 1'-0"
0 6' 12' 24'



2 ENLARGED DEMOLITION PLAN
AD-101 1/4" = 1'-0"
0 2' 4' 8'

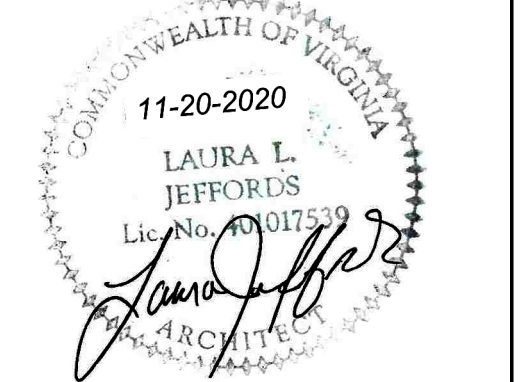


3 EXISTING ELEVATOR MEZZANINE LEVEL (NIC)
AD-101 1/4" = 1'-0"
0 2' 4' 8'



4 EXISTING ELEVATOR PLAZA LEVEL (NIC)
AD-101 1/4" = 1'-0"
0 2' 4' 8'

Seal



Approvals Date

WMATA PROJECT MANAGER

FD&C BUREAU CHIEF

FD&C PROJECT MANAGER

TRANSIT BUREAU CHIEF

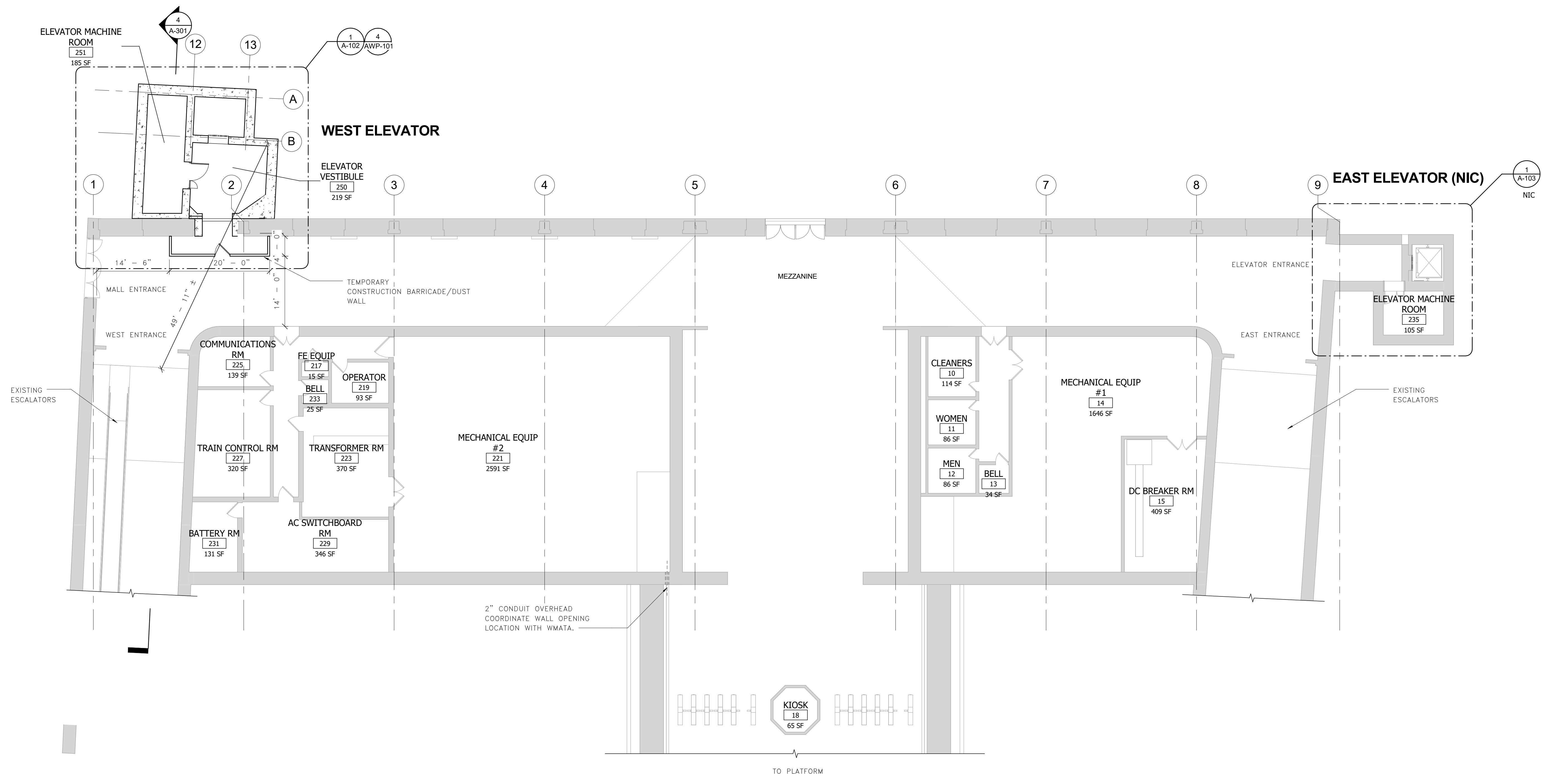
TRANSIT PROJECT MANAGER

WATER, SEWER STREETS BUREAU CHIEF

TRANSPORTATION DIRECTOR

Revisions Date

ISSUED FOR CONSTRUCTION 11-20-2020



1 MEZZANINE FLOOR PLAN
A-101 3/32" = 1'-0"
0 6' 12' 24'

Project Name and Location
**Pentagon City Station
Elevator Project**
Floor Plan
South Hayes Street
A-101

Designed: LJ
Drawn: ZS
Checked: HS
Miss Utility Transmittal #:

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Scale: 3/32" = 1'-0"

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Sheet
15 OF 68



Approvals	Date
WMATA PROJECT MANAGER	
FD&C BUREAU CHIEF	
FD&C PROJECT MANAGER	
TRANSIT BUREAU CHIEF	
TRANSIT PROJECT MANAGER	
WATER, SEWER STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	

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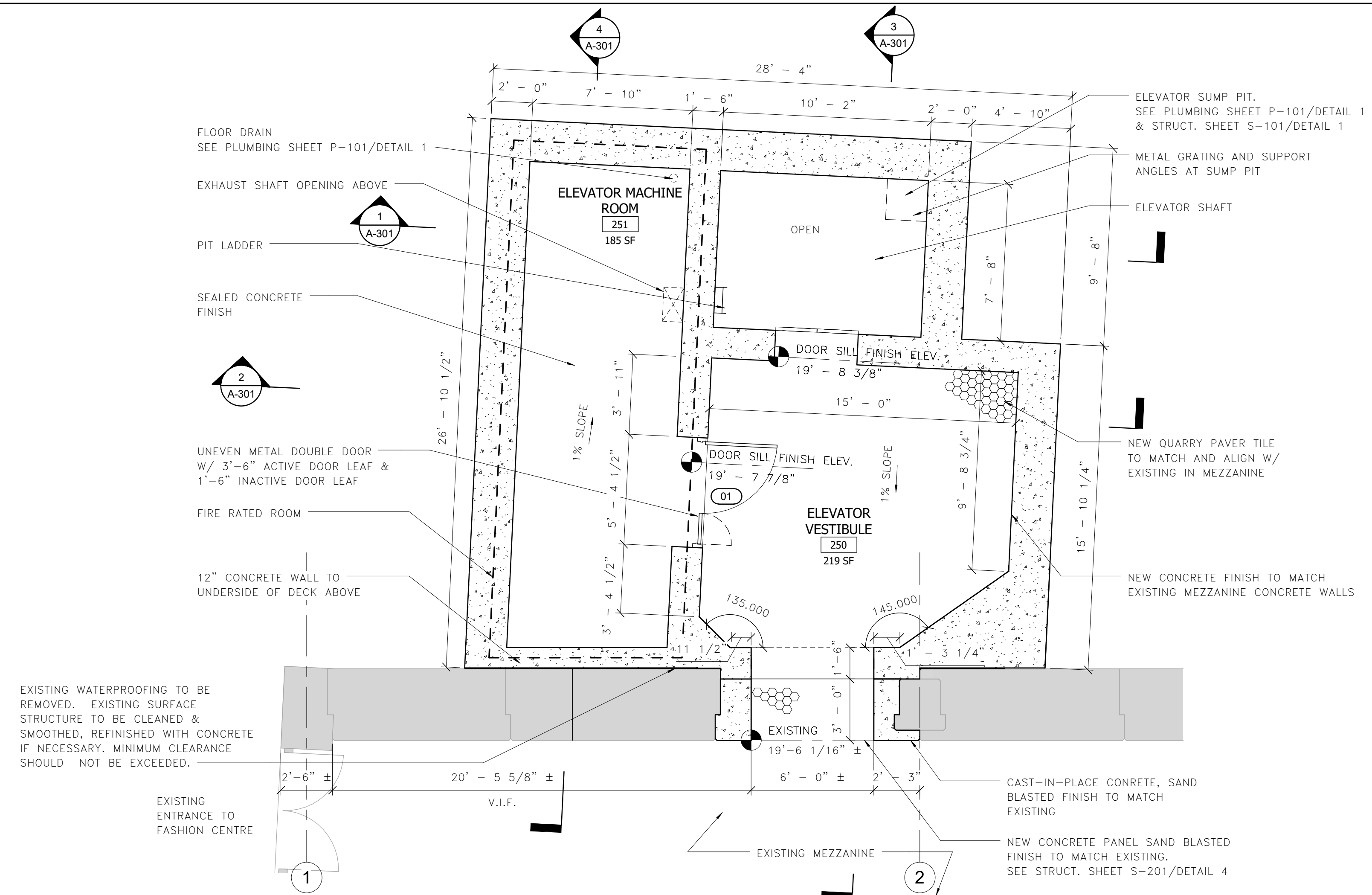
Project Name and Location
**Pentagon City Station
Elevator Project**
West Elevator Plans
South Hayes Street
A-102

Designed: LJ
Drawn: ZS
Checked: HS
Miss Utility Transmittal #:

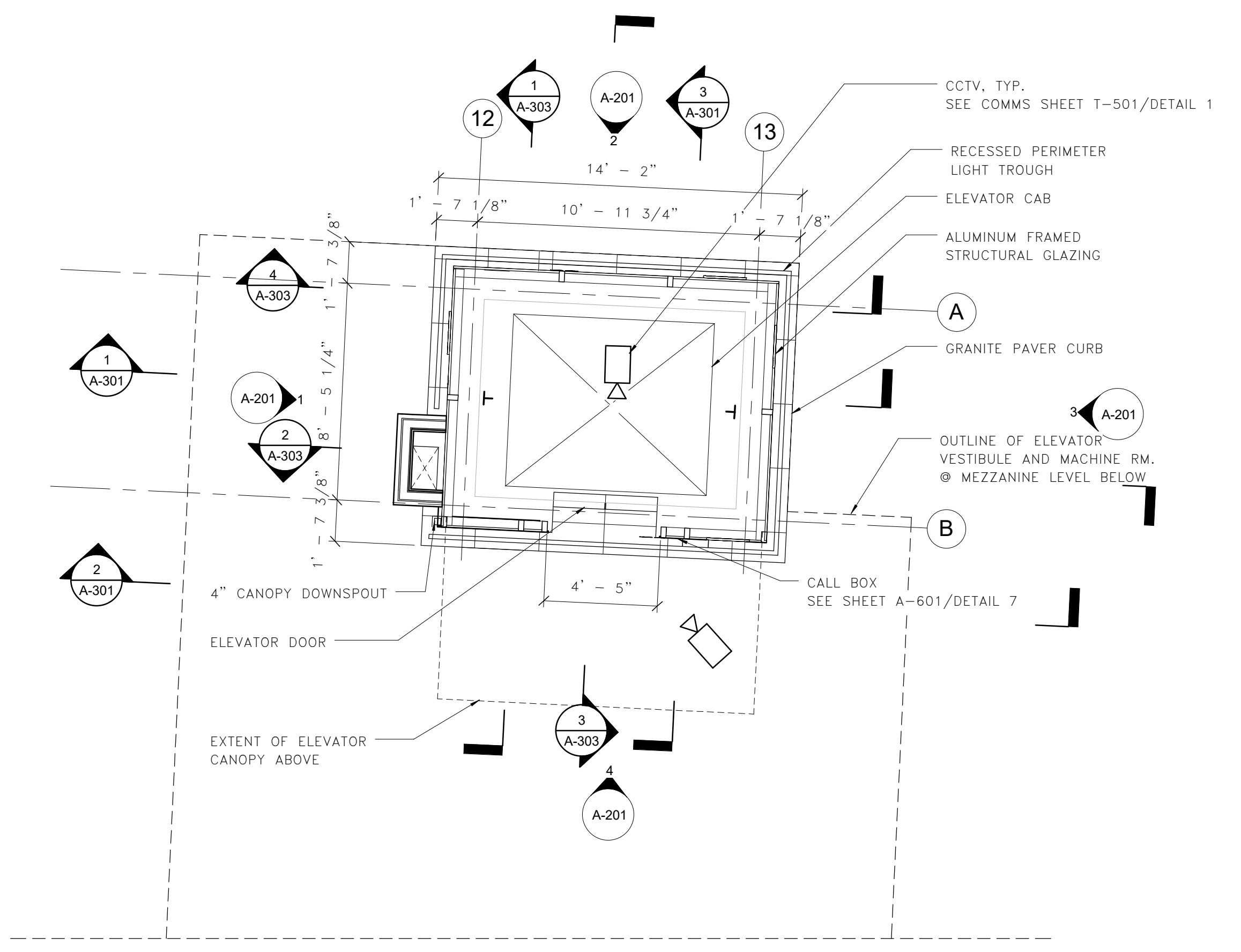
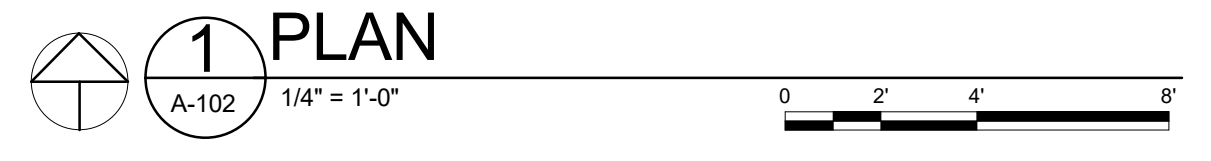
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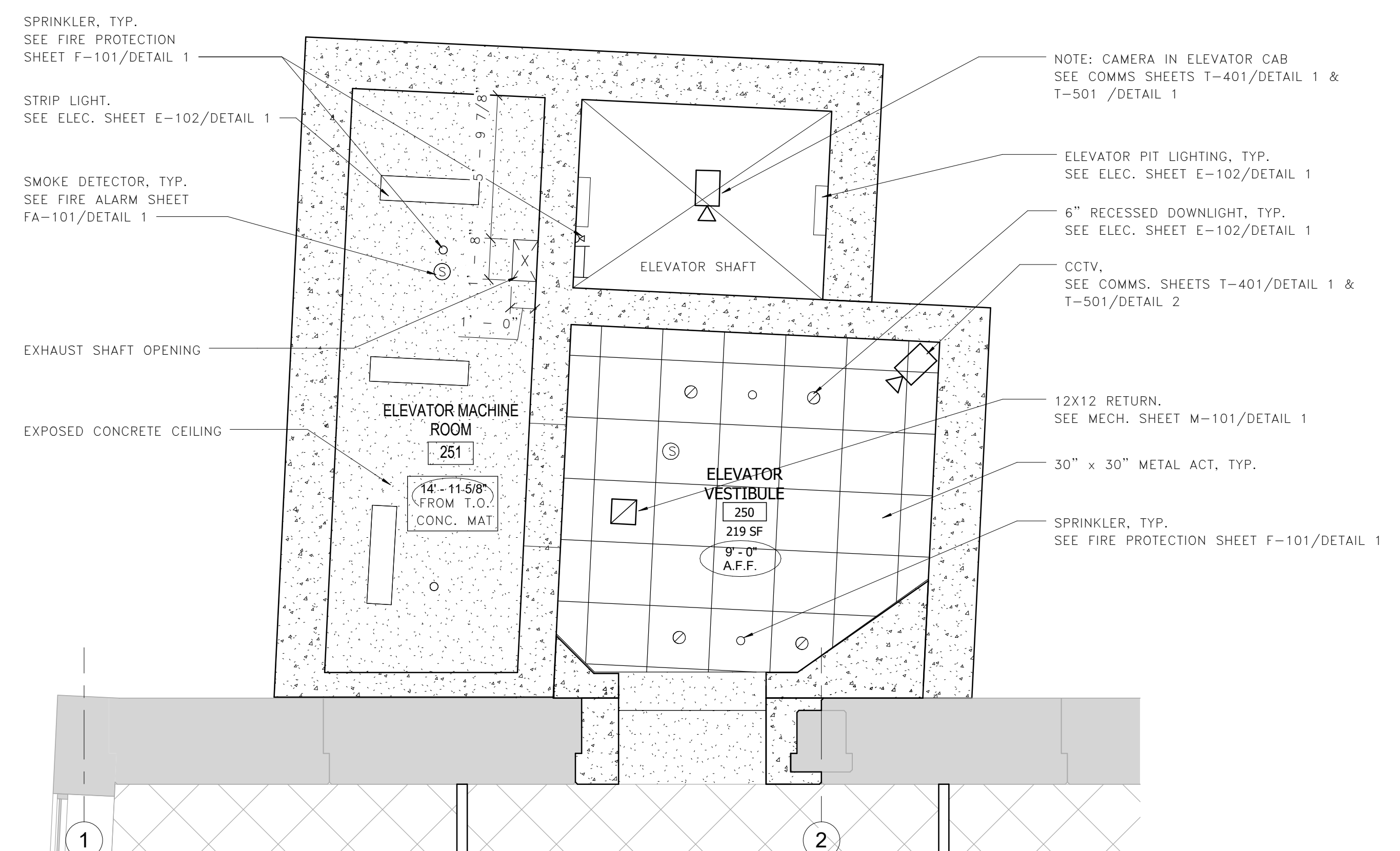
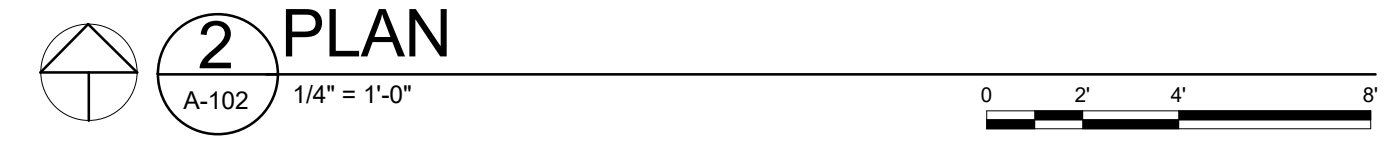
100% PLANS - FOR CONSTRUCTION



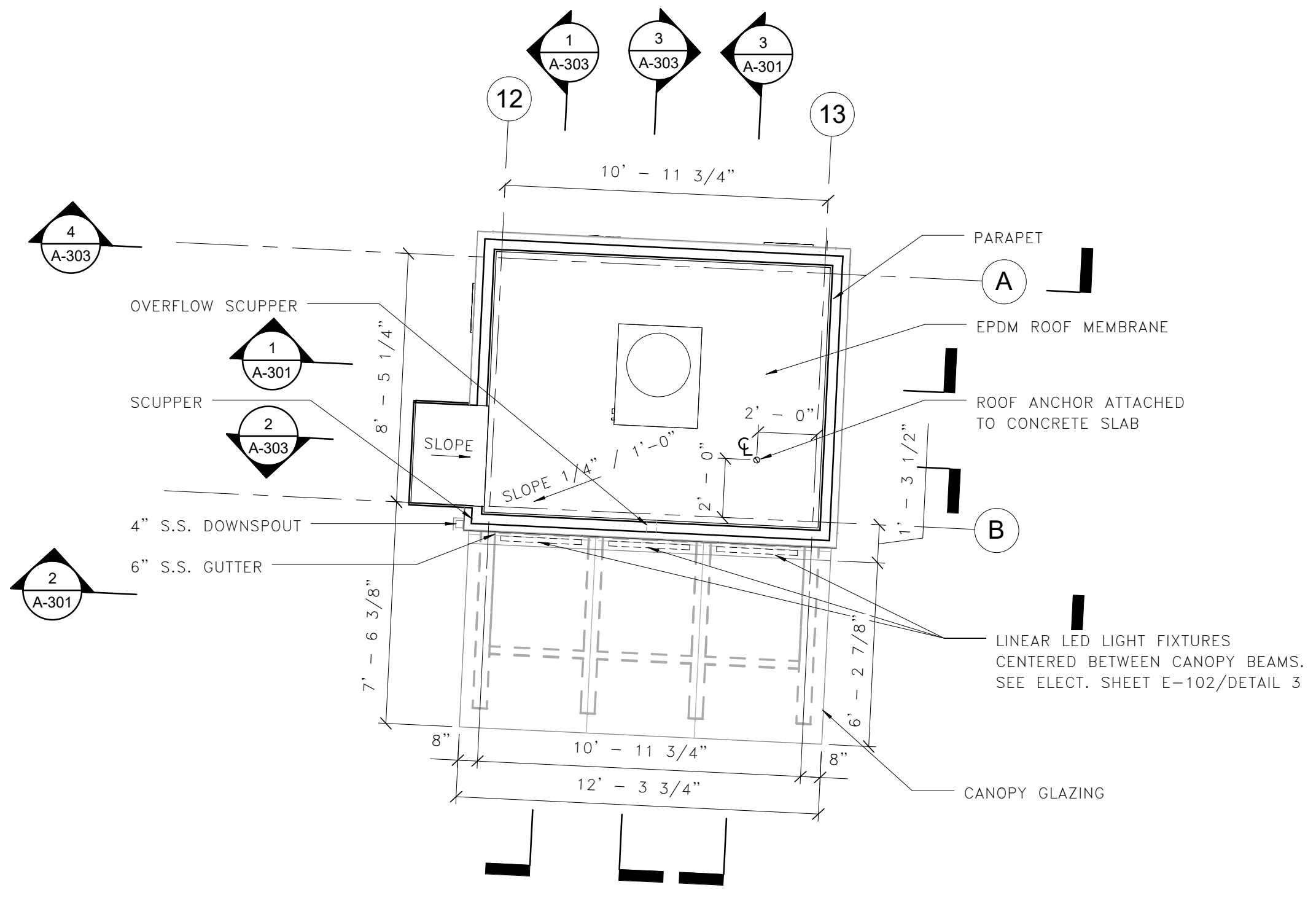
ELEVATOR MEZZANINE LEVEL PLAN



ELEVATOR PLAZA LEVEL PLAN



ELEVATOR MEZZANINE LEVEL REFLECTED CEILING PLAN



ELEVATOR ROOF PLAN

