

SHEET INDEX

NOTE: 'R' DENOTES SHEETS ISSUED FOR REFERENCE ONLY

SHEET NO. SHEET NAME

SHEET NO.	SHEET NAME	PHASE 1: ISSUED FOR BID 4/2/26	PHASE 1: ADDENDUM 1 5/11/26
GENERAL			
GE-001CS	COVER SHEET - PHASE 1	X	
GE-002CS	GENERAL NOTES - PHASE 1	X	
GE-003CS	SHEET INDEX - PHASE 1	X	X
CIVIL			
C-001CS	COVER SHEET	X	X
C-002CS	NOTES, LEGEND, AND ABBREVIATIONS	X	
C-100XP	EXISTING CONDITIONS	X	
C-110DP	DEMOLITION PLAN - SITE	X	X
C-111DP	DEMOLITION PLAN - TREE	X	X
C-112DP	DEMOLITION PLAN - UTILITY	X	X
C-130GP	GRADING PLAN	R	
C-131GP	GRADING PLAN	R	
C-132GP	GRADING PLAN	R	
C-133GP	GRADING PLAN	R	
C-134GP	GRADING PLAN	R	
C-135GP	GRADING PLAN	R	
C-136GP	GRADING PLAN	R	
C-140EP	EROSION & SEDIMENT CONTROL PLAN - PH1	X	X
C-145EP	EROSION & SEDIMENT CONTROL PLAN - PH2	X	
C-150SP	SITE PLAN	R	
C-151SP	SITE PLAN	R	
C-152SP	SITE PLAN	R	
C-153SP	SITE PLAN	R	
C-154SP	SITE PLAN	R	
C-155SP	SITE PLAN	R	
C-156SP	SITE PLAN	R	
C-160UP	UTILITY PLAN	X	X
C-161UP	UTILITY PLAN	X	X
C-162UP	UTILITY PLAN	X	X
C-163UP	UTILITY PLAN	X	X
C-164UP	UTILITY PLAN	X	X
C-165UP	UTILITY PLAN	X	
C-166UP	UTILITY PLAN	X	
C-200UP	STORM PROFILES	X	X
C-201UP	STORM PROFILES	X	X
C-202UP	STORM PROFILES	X	X
C-205UP	SANITARY SEWER PROFILES	X	X
C-210UP	CONTAMINATED STORM SEWER PROFILES	X	
C-211UP	CONTAMINATED STORM SEWER PROFILES	X	
C-212UP	CONTAMINATED STORM SEWER PROFILES	X	
C-215UP	WATER PROFILES	X	X
C-216UP	WATER PROFILES	X	
C-217UP	WATER PROFILES	X	
C-218UP	WATER PROFILES	X	
C-220UP	ELECTRIC PROFILES	R	X
C-221UP	ELECTRIC PROFILES	R	X
C-225UP	NATURAL GAS PROFILES	X	
C-230UP	TELECOMMUNICATION PROFILES	R	
C-500DT	EROSION & SEDIMENT CONTROL NOTES	X	
C-501DT	EROSION & SEDIMENT CONTROL NOTES	X	
C-502DT	EROSION & SEDIMENT CONTROL DETAILS	X	X
C-503DT	EROSION & SEDIMENT CONTROL DETAILS	X	X
C-507DT	STORMWATER MANAGEMENT PLAN - DETAILS AND NOTES	X	
C-508DT	STORMWATER MANAGEMENT PLAN - DETAILS AND NOTES	X	
C-510DT	SITE DETAILS	X	
C-515DT	STORM DETAILS	X	
C-516DT	STORM DETAILS	X	
C-520DT	SANITARY DETAILS	X	
C-525DT	CONTAMINATED STORM DETAILS	X	
C-530DT	WATER DETAILS	X	
C-531DT	WATER DETAILS	X	
C-610DT	STORM STRUCTURE SCHEDULE		X
C-620DT	STORM STRUCTURE SCHEDULE		X
C-630DT	WATER STRUCTURE TABLE		X
C-640DT	ELECTRIC STRUCTURE TABLE		X
LANDSCAPE			
LI-101SP	IRRIGATION PLAN		X
LI-201DT	IRRIGATION DETAILS		X
LI-202DT	IRRIGATION DETAILS		X
ELECTRICAL			
E-001CS	ELECTRICAL ABBREVIATIONS AND SYMBOLS		X
E-002CS	ELECTRICAL ABBREVIATIONS AND SYMBOLS		X
E-003CS	ELECTRICAL SCHEDULES		X
ED-100SP	ELECTRICAL DEMOLITION SITE PLAN		X
E-100SP	ELECTRICAL SITE PLANS		X
E-503DT	ELECTRICAL POWER DETAILS		X
E-600SH	ELECTRICAL DIAGRAMS		X
E-601SH	ELECTRICAL VOLTAGE DROP CALCULATION		X

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GE-003CS BY Approver 04/02/2026 ISSUED FOR BID

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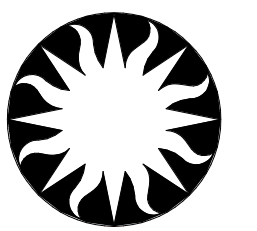
CONSTRUCT ARABIAN LEOPARD FACILITY

ISSUED FOR BID

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GRAPHIC SCALE(S)

DATE	04/02/2026	Revision	ISSUED FOR BID
Revision # DATE	1 5/11/26	Revision Description	PHASE 1: ADDENDUM 1



Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)
ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER	2533105
ALF PROJECT NUMBER	00100084
DRAWING TITLE	SHEET INDEX - PHASE 1
WORKING STAFF	DESIGNED BY: N/A DRAWN BY: JR CHECKED BY: KJ
SHEET NO.	GE-003CS
1 OF 35	DISCIPLINE TYPE SEQUENCE DRAWING TYPE

GENERAL NOTES:

- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR SHUTOFF, CAPPING AND CONTINUATION OF UTILITY SERVICES AS REQUIRED.
- CONTRACTOR SHALL REMOVE AND TRANSPORT ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM ALL DEMOLITION OPERATIONS TO A LEGAL AND REGISTERED FACILITY.
- REMOVAL OF ASPHALT AND CONCRETE PAVEMENT SHALL INCLUDE THE REMOVAL OF ALL SURFACE, BASE AND SUB-BASE MATERIALS.
- EXISTING CONDITIONS SHOWN HEREON WERE TAKEN FROM A SURVEY PROVIDED BY THE OWNER TO THE DESIGN TEAM. SURVEY WAS COMPLETED BY WILES MENSCH IN 2024.
- ALL UNDERGROUND UTILITY LOCATIONS, INCLUDING WATER, STORM DRAINAGE, SANITARY SEWER, ELECTRICAL, TELEPHONE AND GAS WERE TAKEN FROM AVAILABLE RECORDS AND FIELD VERIFIED WHERE POSSIBLE. THE LOCATION OF ALL UTILITIES SHOWN ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND DETERMINE THE EXACT LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO COMMENCING WORK. REPORT ANY DISCREPANCY TO THE ENGINEER. MARKING LOCATIONS OF EXISTING UTILITIES. CONTACT "MISS UTILITY" AT 202-265-7177, 48-HOURS PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR MUST HAND-DIG TEST PITS AT ALL UTILITY CROSSINGS TO DETERMINE THE EXACT LOCATION AND DEPTH OF ALL UTILITIES AS WELL IN DEMOLITION WORK AND PRIOR TO ORDERING PIPE MATERIALS AND STRUCTURES. UTILITIES FOUND DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF ANY CONTRACTOR ENGAGED IN EXCAVATION AT THIS SITE. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY UTILITY FINDINGS WHICH DEVIATE FROM THE CONDITIONS SHOWN.
- ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR DEMOLITION AS PER DISTRICT OF COLUMBIA EROSION AND CONTROL HANDBOOK. IF ANY ONSITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
- SEE SEDIMENTATION AND EROSION CONTROL PLAN FOR ALL EXISTING TREES TO REMAIN AND BE PROTECTED.
- NOTE PROXIMITY OF ADJACENT STRUCTURES AND UTILITY LINES AND MAINTAIN CONTINUED SERVICE DURING CONSTRUCTION. COORDINATE WITH RESPECTIVE UTILITY AHJ AND ENGINEER SHOULD RELOCATION OF SERVICE BE REQUIRED.
- EXISTING UTILITIES (STRUCTURES AND LINES) NOT REQUIRED FOR FUTURE SERVICE TO BE REMOVED TO FACILITATE CONSTRUCTION. UTILITIES TO BE CAPPED AS PER UTILITY PURVEYOR'S STANDARDS AND SPECIFICATIONS. COORDINATE REQUIREMENTS WITH UTILITY PURVEYOR.
- REMOVAL OF ALL WALLS/RETAINING WALLS AND FENCES SHALL INCLUDE THE REMOVAL OF THEIR FOUNDATION UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
- EXISTING WATER AND SEWER SERVICES NOT REQUIRED FOR FUTURE USE TO BE REMOVED TO EXTENT NECESSARY TO FACILITATE NEW CONSTRUCTION. REMAINDER OF SERVICE TO BE CAPPED AT MAIN AND EXISTING VALVES AND TEES TO BE REMOVED PER SI STANDARDS SPECIFICATIONS. COORDINATE REQUIREMENTS WITH CO/CTR. PAVEMENT TO BE REMOVED PER SI DESIGN STANDARDS.
- CONTRACTOR TO BE RESPONSIBLE FOR LAYOUT, EXTENT AND DESIGN OF SHEETING, SHORING AND SUPPORT OF EXISTING UTILITIES AND ADJACENT STRUCTURES. SHORING, BRACING AND UNDERPINNING SHALL BE DESIGNED BY A STRUCTURAL ENGINEER, LICENSED IN THE DISTRICT OF COLUMBIA, HIRED BY THE CONTRACTOR AS NECESSARY TO ENSURE SUPPORT OF SURROUNDING STRUCTURES AND UTILITIES.
- NOTIFY CO/CTR PRIOR TO START OF CONSTRUCTION WITHIN THE ADVANCED NOTICE ACCORDING TO SI DESIGN STANDARDS.
- UNLESS OTHERWISE SHOWN ON THESE DRAWINGS, EXISTING PAVEMENT IS TO REMAIN. PROVIDE PRE-CONSTRUCTION VIDEO OF EXISTING PAVEMENT. EXISTING PAVEMENT, DISTURBED OR DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED PER SI DESIGN STANDARDS AT NO ADDITIONAL COST.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES VERIFY INVERT ELEVATION OF EXISTING UTILITIES. NOTIFY ENGINEER OF ANY DISCREPANCIES WITH INFORMATION SHOWN PRIOR TO ORDERING ANY STRUCTURES.
- CONTACT "MISS UTILITY" AT 202-265-7177 48 HOURS PRIOR TO CONSTRUCTION.
- CONTACT DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION-PUBLIC SPACE MAINTENANCE ADMINISTRATION 48 HOURS PRIOR TO START OF CONSTRUCTION AT 202-645-6030 OR 202-645-6031 FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY.
- ALL PROPOSED UTILITY WORK TO BE PERFORMED UNDER THE INSPECTION OF THE DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY FOR ANY WORK INVOLVING UTILITIES OWNED AND OPERATED BY DC WATER.
- USE MANHOLE ENTRY SEALS WHERE REQUIRED.
- THE TERM "PROPOSED" IS USED TO IDENTIFY NEW WORK TO BE PROVIDED AND CONSTRUCTED WITH THIS PLAN.

TEST PIT NOTE:

TEST PITS ARE REQUIRED AT ALL PROPOSED UTILITY CROSSINGS WITH ALL EXISTING UTILITY LINES TO DETERMINE THE EXACT HORIZONTAL LOCATION, ELEVATION AND ADD SIZE OF THE EXISTING UTILITIES. A MINIMUM OF ONE FOOT VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN EXISTING AND PROPOSED UTILITIES. TEST PITS SHOULD BE COMPLETED PRIOR TO ORDERING ANY STRUCTURES OR PIPE MATERIALS. NOTIFY ENGINEER OF ANY CONFLICT WITH PROPOSED PLANS.

SURVEY NOTES (SURVEY BY WILES MENSCH)

HORIZONTAL DATUM: (MARYLAND STATE PLANE GRID NAD) (83/2011).

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

SITE NOTES:

- WHERE NEW WORK MEETS EXISTING, NOTE FIELD LOCATION AND ELEVATIONS OF EXISTING FEATURES BEFORE BEGINNING CONSTRUCTION AND REPORT ANY DISCREPANCY TO THE ARCHITECT OR ENGINEER.
- VERIFY LOCATION OF EXISTING UTILITIES BEFORE PROCEEDING WITH WORK. NOTIFY CO/CTR, AND "MISS UTILITY" 202-265-7177 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATIONS. HAND DIG TEST PITS AT ALL UTILITY CROSSINGS AND DETERMINE EXACT CLEARANCE OF ALL PROPOSED INSTALLATIONS WELL IN ADVANCE OF CONSTRUCTION. NOTIFY ENGINEER OF ANY CONFLICTS WITH PLAN ELEVATIONS.
- WORK AND MATERIALS IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE APPLICABLE DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS. ON-SITE WORK AND MATERIALS SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE DISTRICT OF COLUMBIA PLUMBING CODE AND SI DESIGN STANDARDS.
- DIMENSIONS ARE TO FACE OF WALL AND CURB, EDGE OF WALK AND PAVEMENT, CENTERLINE OF COLUMN, PIPE AND UTILITY STRUCTURE, UNLESS OTHERWISE NOTED.
- FRAMES AND COVERS OF EXISTING STRUCTURES ARE TO BE ADJUSTED TO MATCH NEW FINISHED GRADES.
- OMISSIONS AND/OR ADDITIONS OF UTILITIES FOUND DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY OF ANY INFORMATION CONCERNING FOUND UTILITY, NOT SHOWN ON PLANS.
- EXISTING SURFACE CONDITIONS DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO MATCH EXISTING CONDITIONS. CONTRACTOR TO COORDINATE EXTENT WITH ARCHITECT OR ENGINEER.
- TEST PITS ARE REQUIRED AT ALL LOCATION(S) WHERE PROPOSED UTILITIES CROSS EXISTING UTILITIES. INVESTIGATION(S) TO IDENTIFY HORIZONTAL LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES. THE ENGINEER IS TO BE NOTIFIED OF THIS INFORMATION.
- IF A 1' MINIMUM VERTICAL CLEARANCE CAN NOT BE MAINTAINED AT UTILITY CROSSING, THE CONTRACTOR IS TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH WORK.
- TRANSITION CURB, GUTTER, PAVING AND SIDEWALK TO MEET EXISTING IN LINE AND ON GRADE OR AS DIRECTED BY ENGINEER.
- ALL DEBRIS AND EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN APPROVED OFF-SITE LOCATION.
- ALL ON-SITE WATER LINES TO HAVE A MINIMUM COVER OF 4'-0". WATER FITTINGS SHALL BE PROPERLY TIED AND ANCHORED, PER SI DESIGN STANDARDS.
- WHERE PORTIONS OF EXISTING BITUMINOUS OR CONCRETE PAVING ARE TO BE REMOVED, THE EXISTING PAVEMENT SHALL BE SAW-CUT.
- REMOVE FRAMES AND COVERS OF SEWER MANHOLE/INLETS AND/OR WATER MAIN VALVE CASTINGS TO BE ABANDONED AND FILL TO GRADE.
- ALL CURB SPOT SHOTS ARE TOP OF CURB, UNLESS OTHERWISE NOTED.
- NOTIFY WASHINGTON GAS AT 202-750-4205, 48 HOURS PRIOR TO ANY EXCAVATION IN THE VICINITY OF ANY TRANSMISSION MAIN. FOR FURTHER INFORMATION OR PROBLEMS, CONTACT MR. CHUCK WHITLEY AT WASHINGTON GAS AT 703-750-4205.
- PROVIDE A MINIMUM OF 5 FEET HORIZONTAL AND 1 FOOT VERTICAL CLEARANCE BETWEEN 12" DIAMETER AND SMALLER DISTRIBUTION EXISTING GAS FACILITIES AND PROPOSED FACILITIES.
- PROVIDE A MINIMUM OF 5 FEET HORIZONTAL AND 2 FEET VERTICAL CLEARANCE BETWEEN 16" DIAMETER OR GREATER TRANSMISSION GAS FACILITIES AND PROPOSED FACILITIES.
- ALL PROPOSED WORK TO BE CONSTRUCTED IN ACCORDANCE WITH SI DESIGN STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING SIDEWALK, CURB AND GUTTER TO REMAIN OR TO REPLACE SIDEWALK, CURB AND GUTTER DAMAGED DURING CONSTRUCTION.
- EXISTING FULL DEPTH PAVEMENT SECTION, CURB AND GUTTER TO BE REMOVED AND REPLACED TO EXTENT NECESSARY TO FACILITATE CONSTRUCTION OF NEW UTILITIES. MATERIALS TO COMPLY WITH SI DESIGN STANDARDS.
- REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION AND GUIDELINES.
- MAINTAIN A 15 FOOT PUBLIC WALKWAY AT ALL TIMES FOR PEDESTRIANS IN OLMSTEAD WALK. MAINTAIN A 10 FOOT PUBLIC WALKWAY AT ALL TIMES FOR PEDESTRIANS IN ASIA TRAIL AND PANDA TRAIL. SEE TRAFFIC CONTROL NOTE FOR ANY TRAFFIC CONTROL PLAN REQUIRED FOR THIS PROJECT ON THE ZOO PROPERTY.
- COORDINATE WITH THE CO/CTR FOR THE PROTOCOL REGARDING THE SALVAGING AND REINSTALLING OF ANY SPECIALTY PAVING.

TRAFFIC CONTROL NOTE:

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING TRAFFIC CONTROL PLANS TO MAINTAIN PEDESTRIAN ACCESS ALONG OLMSTEAD WALK AND ASIA TRAIL DURING CONSTRUCTION. PLANS SHALL INCLUDE PHASING, CONSTRUCTION VEHICLE MOVEMENTS, STAGING AREAS, PUBLIC PARKING TO BE OCCUPIED, NUMBER OF CONSTRUCTION VEHICLES ENTERING AND LEAVING THE SITE PER DAY, AND HOURS OF WORK PER DAY. A WORK SAFETY PLAN SHALL ALSO BE PREPARED BY THE GENERAL CONTRACTOR. ALL PLANS SHALL BE SUBMITTED FOR REVIEW TO THE SMITHSONIAN FOR APPROVAL PRIOR TO MOBILIZATION.

ADDITIONAL PLANS REQUIRED BY CONTRACTOR:

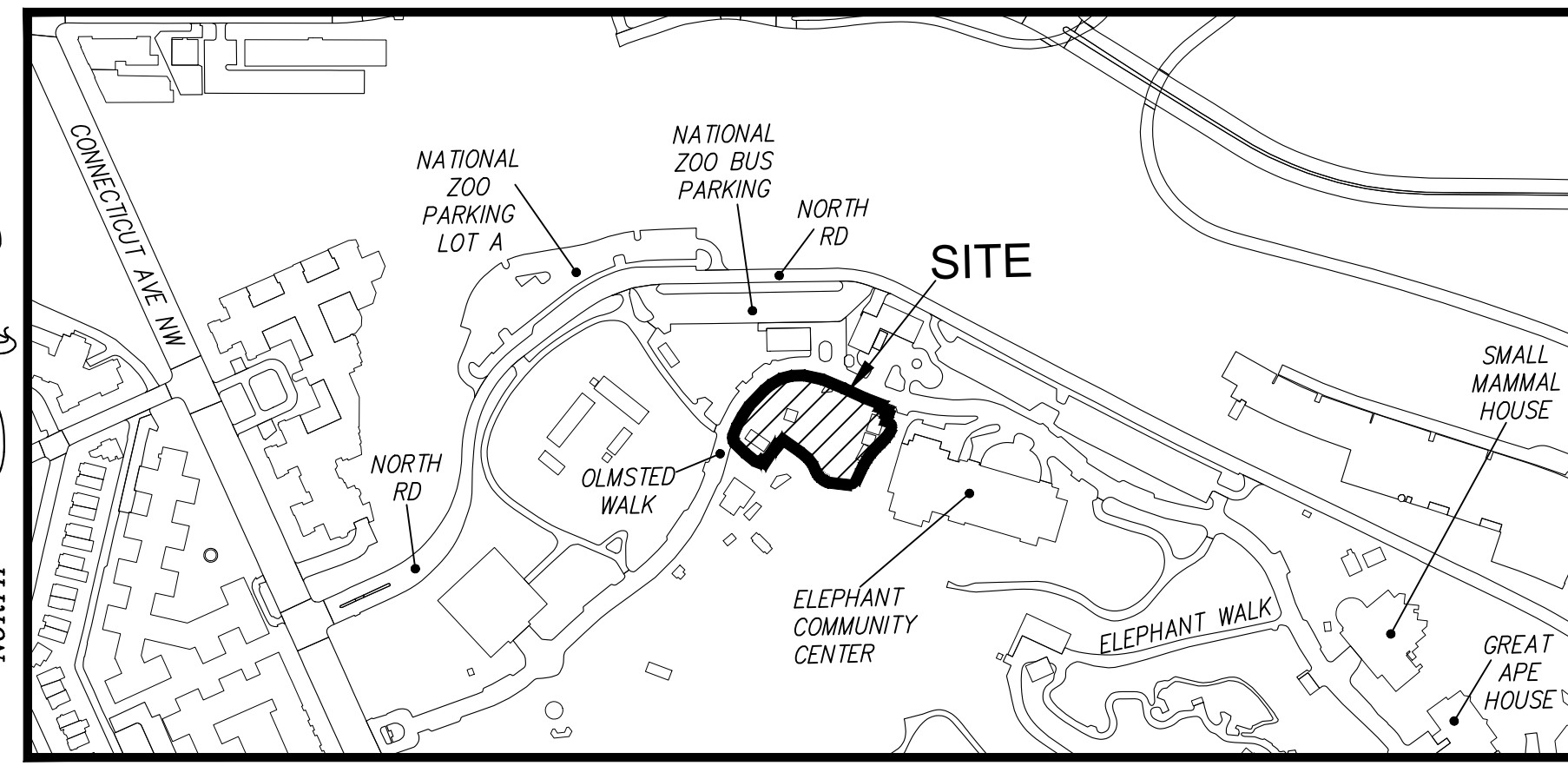
PRIOR TO MOBILIZATION, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE SMITHSONIAN FOR REVIEW AND APPROVAL:

- SITE SPECIFIC SAFETY PLAN
- TRENCHING AND EXCAVATION PLAN
- SILICA CONTROL PLAN

THESE SHALL BE COMPLETED IN ACCORDANCE WITH THE SMITHSONIAN'S STANDARDS AND SPECIFICATIONS.

DOEE SWM PLAN NO: 8529
DOB NO: BCIV2600099

WORK IN CONFINED SPACE NOTICE:
IF APPLICABLE, ANY WORK IN CONFINED SPACE SHALL COMPLY WITH 29 CFR 1926.1203, CONFINED SPACES IN CONSTRUCTION AND THE SI STANDARDS REGARDING CONFINED SPACE ENTRY.



VICINITY MAP

SCALE 1:300
NATIONAL ZOO AND
CONSERVATION BIOLOGY INSTITUTE
WASHINGTON, DC 20008

CIVIL DRAWING INDEX	
Sheet Number	Sheet Title
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C-520DT	SANITARY DETAILS
C-525DT	CONTAMINATED STORM DETAILS
C-530DT	WATER DETAILS
C-531DT	WATER DETAILS
C-600DT	GEOMETRIC POINT TABLES
C-610DT	STORM STRUCTURE TABLE
C-620DT	SANITARY STRUCTURE TABLE
C-625DT	CONTAMINATED STORM STRUCTURE TABLE
C-630DT	WATER STRUCTURE TABLE
C-640DT	ELECTRIC STRUCTURE TABLE

~~C-230UP ELECTRIC PROFILES~~

~~C-600DT GEOMETRIC POINT TABLES~~



1-800-257-7777
MISS AND UTILITY
NOTIFY "MISS UTILITY" AT 202-265-7177
96 HOURS IN ADVANCE BEFORE
COMMENCING THE WORK

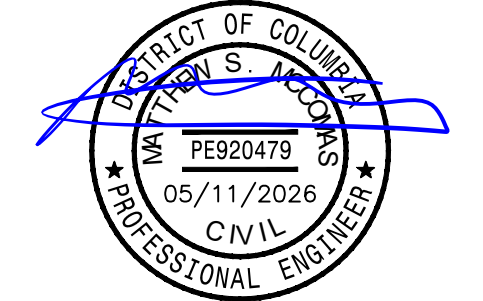
UTILITY CONTACTS:

SEWER/WATER:	D.C. WATER 5000 OVERLOOK AVE. SW 5TH FLOOR WASHINGTON, DC 20032	-DEXTER HOLMES	(202) 787-4024
ELECTRICITY:	PEPCO 701 9TH STREET NW, ROOM 6005 WASHINGTON, DC 20068	-SARA BISHOP	(202) 872-2977
GAS:	WASHINGTON GAS CO. 6801 INDUSTRIAL ROAD SPRINGFIELD, VA 22151	-VANN JONES	(703) 750-5983
COMMUNICATIONS:	VERIZON COMMUNICATIONS FDC-1 3101 COLUMBIA PIKE CONDUIT GROUP - LOWER LEVEL SILVER SPRING, MD 20904	-MARY POLK	(301) 282-2463

ALF

**CONSTRUCT
ARABIAN LEOPARD
FACILITY**

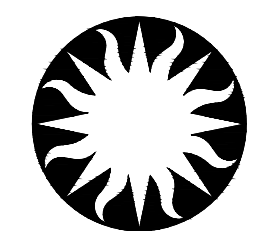
ISSUED FOR BID



KEY PLAN

GRAPHIC SCALE(S)

DATE 04/02/2026	SUBMISSION ISSUED FOR BID
VERSION # DATE 1 5/11/26	REVISION DESCRIPTION PHASE 1: ADDENDUM 1

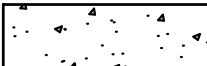
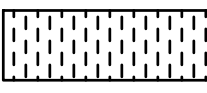
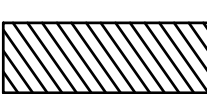







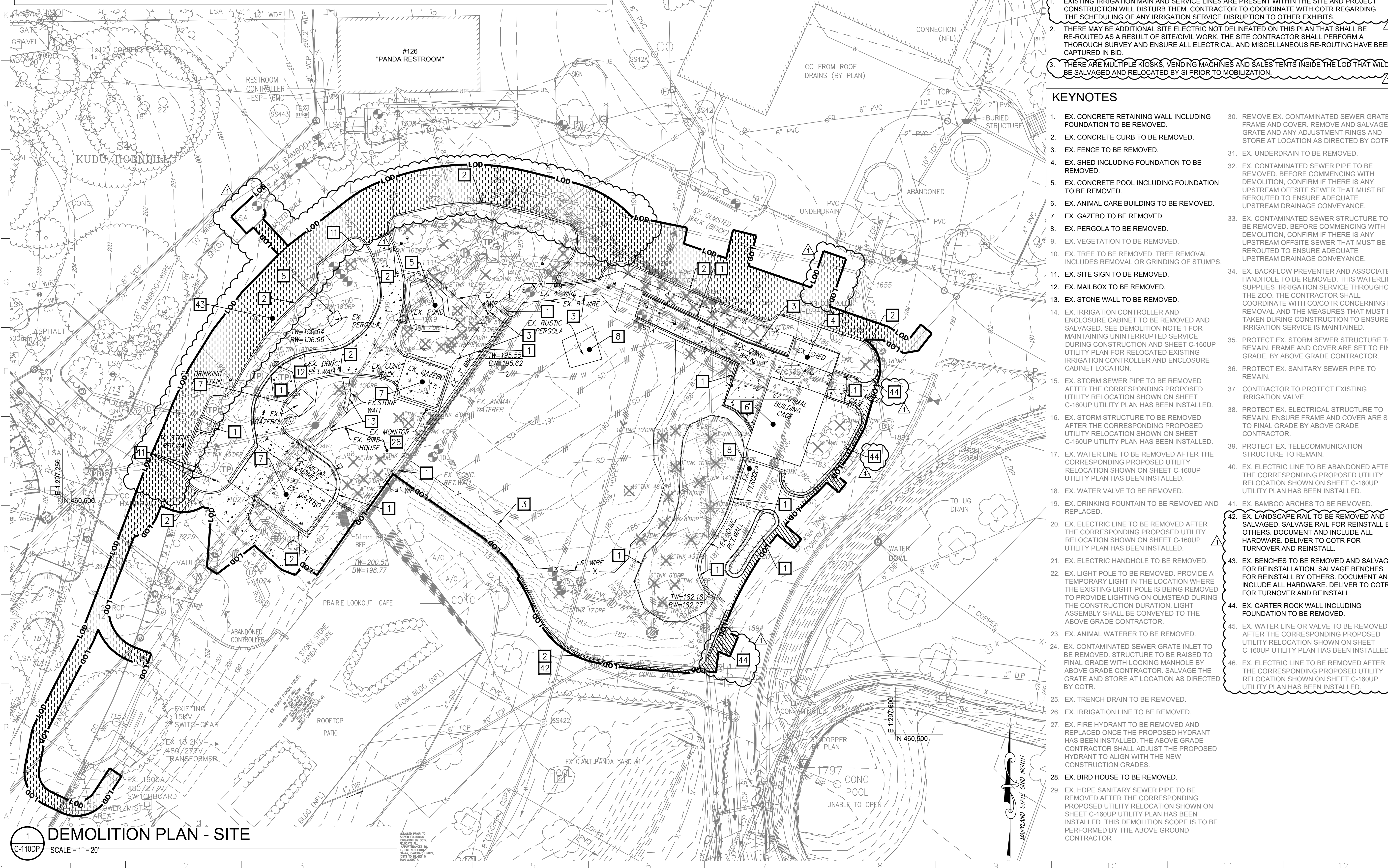
**Smithsonian
Institution**

Smithsonian OPDC
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)												
ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008												
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)												
OPDC PROJECT NUMBER	2533105												
ALF PROJECT NUMBER	00100084												
DRAWING TITLE	COVER SHEET												
WORKING STAFF	<table border="1"> <tr> <td>DESIGNED BY</td> <td>ST</td> <td>KK</td> <td>SM</td> </tr> <tr> <td>DRAWN BY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHECKED BY</td> <td></td> <td></td> <td></td> </tr> </table>	DESIGNED BY	ST	KK	SM	DRAWN BY				CHECKED BY			
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SHEET NO.	C 001 CS												
2 OF 35	DISCIPLINE TYPE SEQUENCE DRAWING TYPE												

LEGEND

- EXISTING CONCRETE PAVEMENT TO BE REMOVED 
- EXISTING BRICK PAVERS TO BE SALVAGED AND REINSTALLED WHERE POSSIBLE OR REPLACED IN-KIND IF NOT SALVAGEABLE. COORDINATE WITH COTR REGARDING REMOVAL AND SALVAGING REQUIREMENTS. 
- ASIA TRAIL REPAIR TO FACILITATE CONSTRUCTION. SEE SHEET C-150SP SITE PLAN FOR FURTHER INFORMATION. 
- LIMITS OF DISTURBANCE 
- EXISTING TREE AND/OR STUMP REMOVAL 
- DEMOLITION KEYNOTE
- UTILITY TO BE ABANDONED IN PLACE
- UTILITY TO BE REMOVED
- PROPOSED MJ CAP OR BULKHEAD PER DC WATER STANDARDS
- TERMINATE CURB OR UTILITY DEMOLITION 
- TREE PROTECTION FENCE. SEE DETAIL ON SHEET C-503DT. WORK WITHIN CRITICAL ROOT ZONES SHALL BE COORDINATED AND APPROVED BY A CONTRACTOR PROVIDED CERTIFIED ARBORIST PRIOR TO ANY ADJACENT DEMOLITION. 
- TREE PROTECTION MEASURES AT EXISTING WALL REMOVAL. SEE DETAIL ON SHEET C-502DT. WORK WITHIN CRITICAL ROOT ZONES SHALL BE COORDINATED AND APPROVED BY A CONTRACTOR PROVIDED CERTIFIED ARBORIST PRIOR TO ANY ADJACENT DEMOLITION. 



DEMOLITION NOTES

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2. THERE MAY BE ADDITIONAL SITE ELECTRIC NOT DELINEATED ON THIS PLAN THAT SHALL BE RE-ROUTED AS A RESULT OF SITE/CIVIL WORK. THE SITE CONTRACTOR SHALL PERFORM A THOROUGH SURVEY AND ENSURE ALL ELECTRICAL AND MISCELLANEOUS RE-ROUTING HAVE BEEN CAPTURED IN BID.
3. THERE ARE MULTIPLE RISKS. VENDING MACHINES AND SALES TENTS INSIDE THE LOD THAT WILL BE SALVAGED AND RELOCATED BY SI PRIOR TO MOBILIZATION.

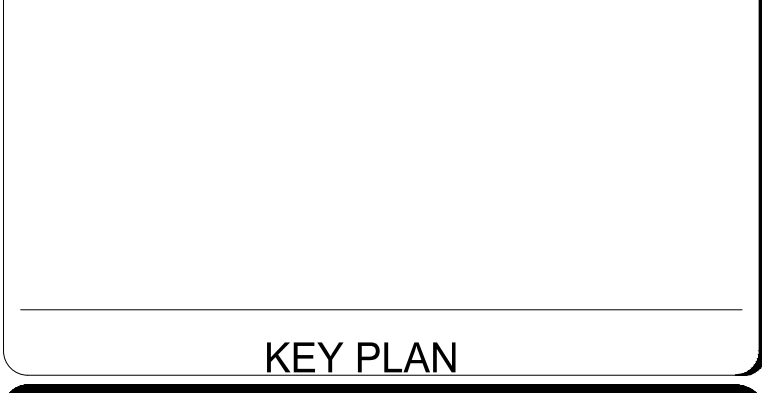
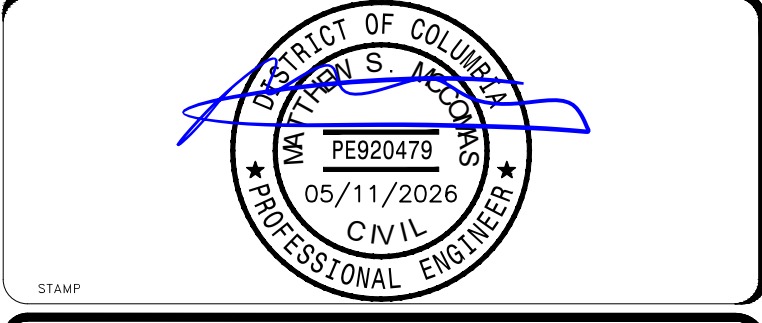
KEYNOTES

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13. EX. STONE WALL TO BE REMOVED.
14. EX. IRRIGATION CONTROLLER AND ENCLOSURE CABINET TO BE REMOVED AND SALVAGED. SEE DEMOLITION NOTE 1 FOR MAINTAINING UNINTERRUPTED SERVICE DURING CONSTRUCTION AND SHEET C-160UP UTILITY PLAN FOR RELOCATED EXISTING IRRIGATION CONTROLLER AND ENCLOSURE CABINET LOCATION.
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28. EX. BIRD HOUSE TO BE REMOVED.
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ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

ISSUED FOR BID



GRAPHIC SCALE(S)

DATE 04/02/2026	SUBMISSION ISSUED FOR BID
PROJECT # / DATE 1 / 5/1/2026	REVISION DESCRIPTION PHASE 1: ADDENDUM 1

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Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

BUILDING NAME ARABIAN LEOPARD FACILITY (ALF)	ADDRESS 3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)	OPDC PROJECT NUMBER 2533105
DATE PROJECT NUMBER 00100084	ISSUED FOR BID
DEMOLITION PLAN - SITE	
ST	KK
SM	SM
DESIGNED BY: DRAWN BY: CHECKED BY:	
SHEET NO. C 110 DP	DISCIPLINE TYPE SEQUENCE DRAWING TYPE
3 OF 35	

3/19/2026 11:18:18 AM
XXXXXXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT

1 DEMOLITION PLAN - SITE
C-110DP SCALE = 1" = 20'

LEGEND

- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- EXISTING BRICK PAVERS TO BE SALVAGED AND REINSTALLED WHERE POSSIBLE OR REPLACED IN-KIND IF NOT SALVAGEABLE. COORDINATE WITH COTR REGARDING REMOVAL AND SALVAGING REQUIREMENTS.
- ASIA TRAIL REPAIR TO FACILITATE CONSTRUCTION. SEE SHEET C-150SP SITE PLAN FOR FURTHER INFORMATION.
- LIMITS OF DISTURBANCE
- EXISTING TREE AND/OR STUMP REMOVAL
- DEMOLITION KEYNOTE
- UTILITY TO BE ABANDONED IN PLACE
- UTILITY TO BE REMOVED
- PROPOSED MJ CAP OR BULKHEAD PER DC WATER STANDARDS
- TERMINATE CURB OR UTILITY DEMOLITION

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DEMOLITION NOTES

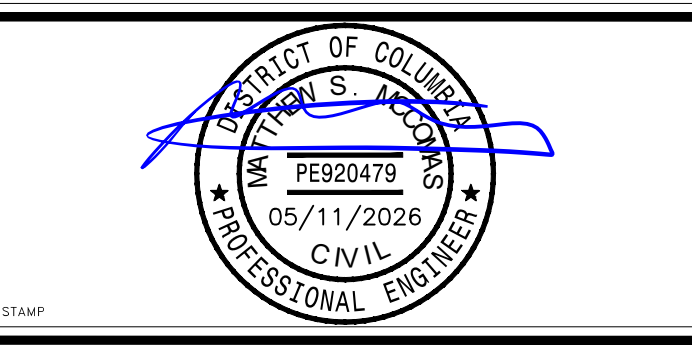
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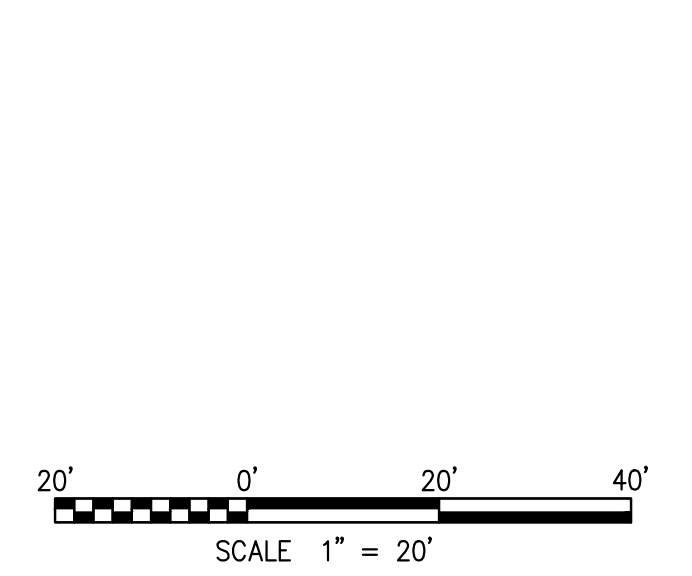
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ALF
CONSTRUCT ARABIAN LEOPARD FACILITY

ISSUED FOR BID



KEY PLAN



DATE: 04/02/2026		SUBMISSION: ISSUED FOR BID	
REVISION # DATE		REVISION DESCRIPTION	
1	5/1/2026	PHASE 1: ADDENDUM 1	

Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W., Suite 5001
Washington, DC 20024-2520

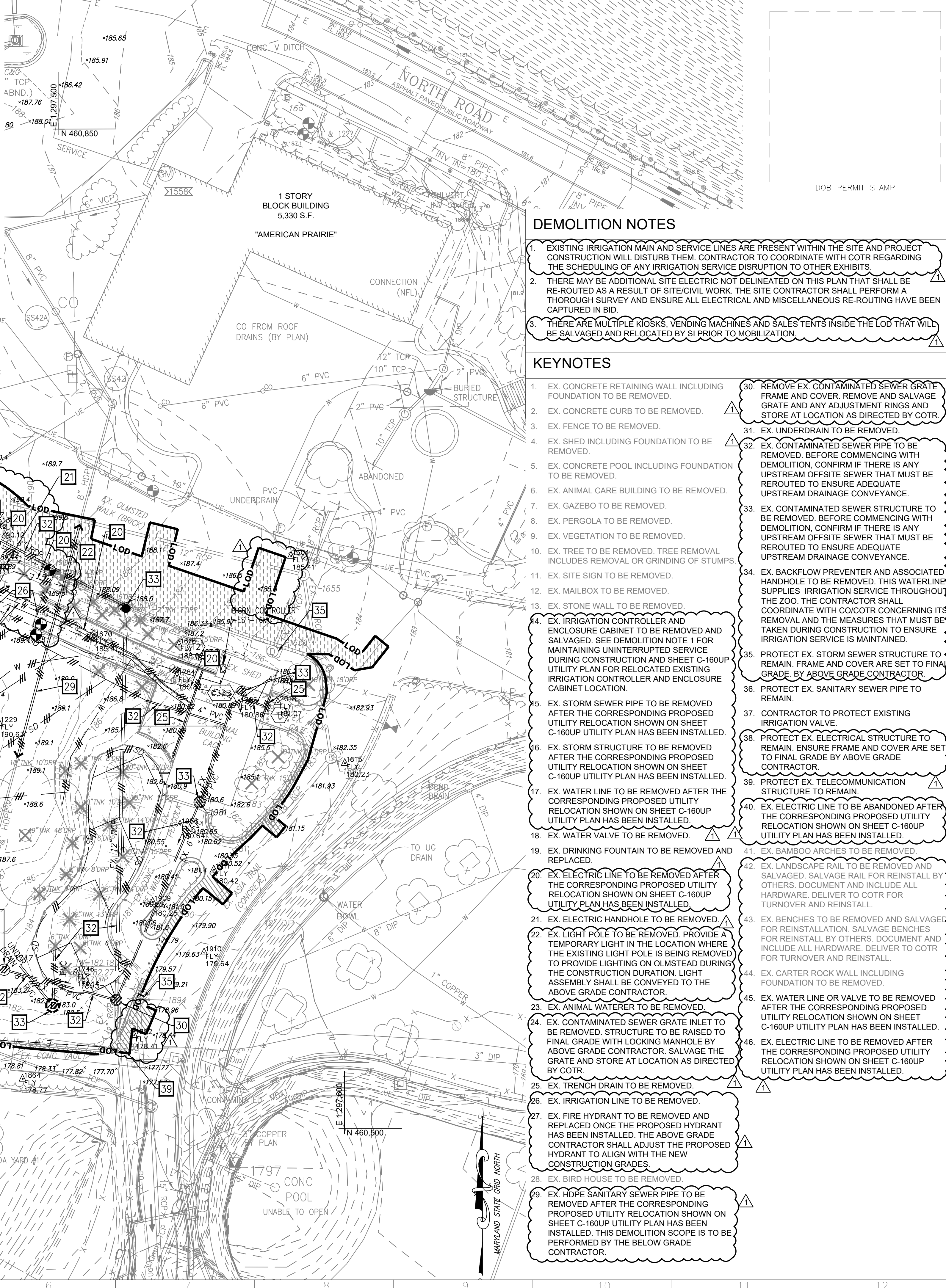
BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)						
ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008						
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)						
OPDC PROJECT NUMBER	2533105						
ALF PROJECT NUMBER	00100084						
DRAWING TITLE	DEMOLITION PLAN - TREE						
WORKING STAFF	<table border="1"> <tr> <td>ST</td> <td>KK</td> <td>SM</td> </tr> <tr> <td>DESIGNED BY</td> <td>DRAWN BY</td> <td>CHECKED BY</td> </tr> </table>	ST	KK	SM	DESIGNED BY	DRAWN BY	CHECKED BY
ST	KK	SM					
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SHEET NO.	C 111 DP						
4 OF 35							

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1 DEMOLITION PLAN - TREE
C-111DP SCALE = 1" = 20"

LEGEND

- EXISTING CONCRETE PAVEMENT TO BE REMOVED
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- LIMITS OF DISTURBANCE
- EXISTING TREE AND/OR STUMP REMOVAL
- DEMOLITION KEYNOTE
- UTILITY TO BE ABANDONED IN PLACE
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DEMOLITION NOTES

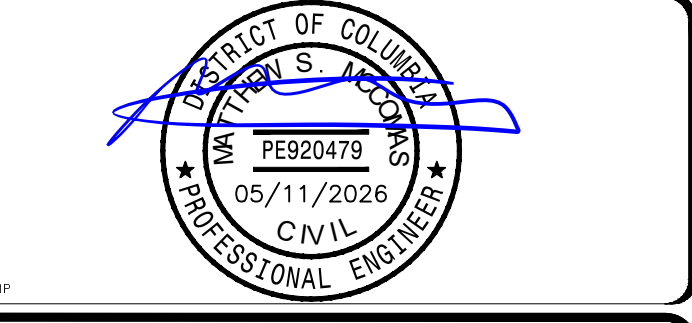
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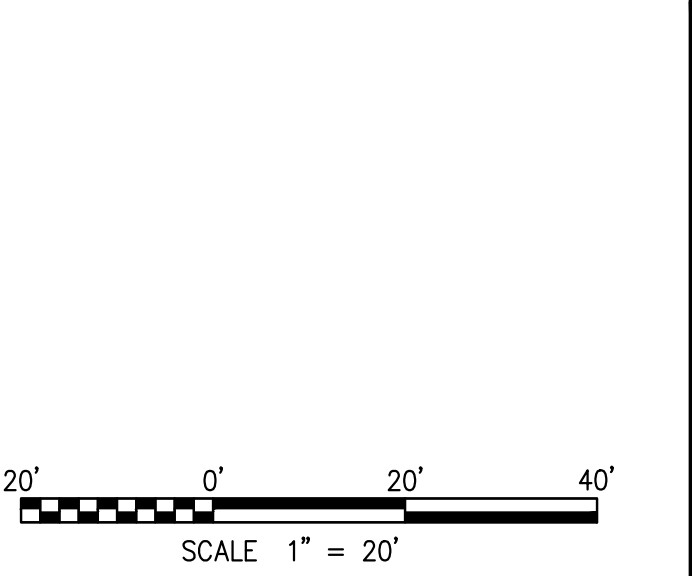
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44. EX. CARTER ROCK WALL INCLUDING FOUNDATION TO BE REMOVED.
45. EX. WATER LINE OR VALVE TO BE REMOVED AFTER THE CORRESPONDING PROPOSED UTILITY RELOCATION SHOWN ON SHEET C-160UP UTILITY PLAN HAS BEEN INSTALLED.
46. EX. ELECTRIC LINE TO BE REMOVED AFTER THE CORRESPONDING PROPOSED UTILITY RELOCATION SHOWN ON SHEET C-160UP UTILITY PLAN HAS BEEN INSTALLED.

ALF
CONSTRUCT
ARABIAN LEOPARD
FACILITY

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KEY PLAN



GRAPHIC SCALE(S)	
DATE: 04/02/2026	ISSUED FOR BID
PROJECT NUMBER: 2533105	PHASE 1: ADDENDUM 1









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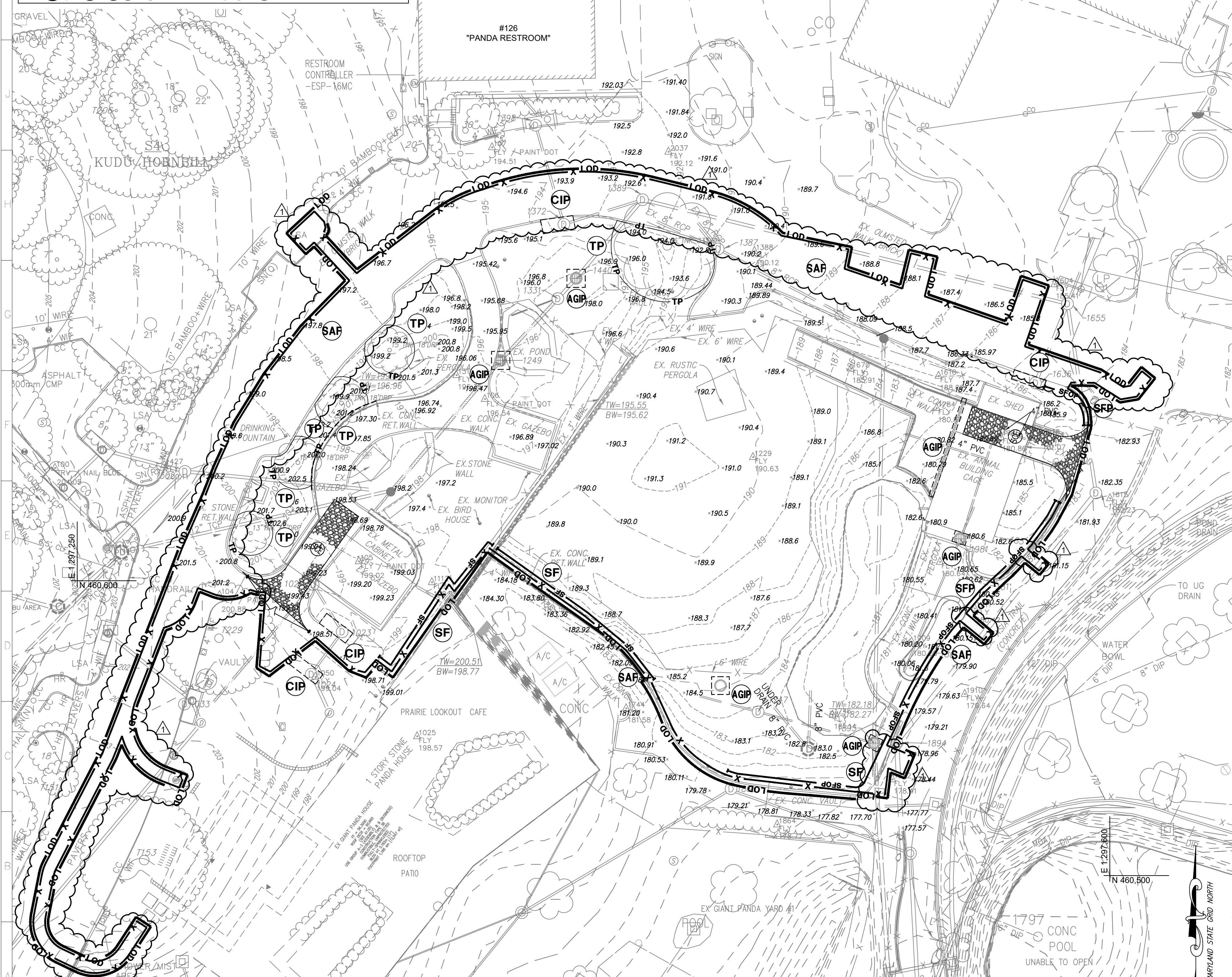
BUILDING NAME:	ARABIAN LEOPARD FACILITY (ALF)
ADDRESS:	3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE:	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER:	2533105
ALF PROJECT NUMBER:	00100084
DRAWING TITLE:	DEMOLITION PLAN - UTILITY
DESIGNED BY:	ST
DRAWN BY:	KK
CHECKED BY:	SM
SHEET NO.:	C 112 DP
5 OF 35	

3/19/2026 11:18:18 AM
XX-XXXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT

1 DEMOLITION PLAN - UTILITY
C-112DP SCALE = 1" = 20'

EROSION LEGEND PHASE 1

- LIMITS OF DISTURBANCE**
- SILT FENCE. SEE DETAIL ON SHEET C-502DT. 
 - SILT FENCE ON PAVEMENT. SEE DETAIL ON SHEET C-501DT. 
 - SAFETY FENCE. SEE DETAIL ON SHEET C-502DT. 
 - TREE PROTECTION. WORK WITHIN CRITICAL ROOT ZONES SHALL BE COORDINATED AND APPROVED BY A CONTRACTOR PROVIDED CERTIFIED ARBORIST PRIOR TO AN ADJACENT DEMOLITION. SEE DETAIL ON SHEET C-503DT. 
 - CURB INLET PROTECTION. SEE DETAIL ON SHEET C-501DT. 
 - AT GRADE INLET PROTECTION. SEE DETAIL ON SHEET C-501DT. 
 - ROOT PRUNING TREE PROTECTION ALONG EXISTING WALL. WORK WITHIN CRITICAL ROOT ZONES SHALL BE COORDINATED AND APPROVED BY A CONTRACTOR PROVIDED CERTIFIED ARBORIST PRIOR TO AN ADJACENT DEMOLITION. SEE DETAIL ON SHEET C-502DT. 
 - STABILIZED CONSTRUCTION ENTRANCE. SEE DETAIL ON SHEET C-501DT. 



LAND DISTURBANCE ACTIVITY NOTE:
 A PERSON RESPONSIBLE FOR LAND DISTURBANCE IS TO BE PRESENT OR AVAILABLE AT ALL TIMES WHILE SITE IS IN A PHASE INVOLVING LAND DISTURBING ACTIVITY. THE RESPONSIBLE PERSON IS RESPONSIBLE FOR INSPECTION OF THE SITE EROSION & SEDIMENT CONTROL MEASURES BIWEEKLY AND AFTER RAINFALL EVENTS. AVAILABILITY TO RESPOND TO POTENTIAL EROSION PROBLEMS AS THEY OCCUR AND AVAILABILITY TO SPEAK ONSITE WITH DOEE TO REMEDY POTENTIAL PROBLEMS. THE RESPONSIBLE PERSON IS TO HAVE AVAILABLE ONSITE PROOF OF PROFESSIONAL LICENSING OR OF SUCCESSFUL COMPLETION OF A DEPARTMENT APPROVED TRAINING PROGRAM IN COMPLIANCE OF RESPONSIBLE PERSON DESIGNATION.

ENFORCEMENT OF SIGNAGE REQUIREMENT FOR PROJECTS REQUIRING EROSION AND SEDIMENT CONTROL PLANS:
 ALL CONSTRUCTION PROJECTS REQUIRING SOIL EROSION AND SEDIMENT CONTROL (ESC) PLANS MUST POST A DISTRICT-APPROVED SIGN THAT NOTIFIES THE PUBLIC TO CONTACT DOEE IN THE EVENT OF EROSION OR OTHER POLLUTION FROM THE SITE. DOEE HAS INCREASED ITS ENFORCEMENT EFFORTS FOR THIS REQUIREMENT. A LIMITED NUMBER OF PRE-PRINTED SIGNS IS AVAILABLE AT THE DEPARTMENT OF BUILDINGS AND WILL BE ISSUED AT NO CHARGE WITH APPROVED SOIL EROSION AND SEDIMENT CONTROL PLANS ON A FIRST COME, FIRST SERVED BASIS. AN ELECTRONIC COPY OF THE DISTRICT APPROVED SIGN IS AVAILABLE AT [HTTP://DOEE.DC.GOV/ESC](http://doee.dc.gov/esc).

- CONSTRUCTION AND STABILIZATION SEQUENCE:**
1. INSTALL SEDIMENT AND EROSION CONTROL MEASURES AS INDICATED ON EROSION AND SEDIMENT CONTROL PLANS.
 2. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
 3. REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN.
 4. INSTALL PROPOSED UTILITIES AS INDICATED ON UTILITY PLAN.
 5. SAFETY FENCING, SAFETY GATES, SILT FENCE, CURB INLETS, CONSTRUCTION ENTRANCES, AND PROJECT SIGNAGE SHALL REMAIN IN PLACE AND BE TRANSFERRED TO THE ABOVE GRADE CONTRACTOR WHO SHALL PAY FOR THE REMAINING RENTAL DURATION AND COORDINATE REMOVAL. THE BELOW GRADE CONTRACTOR SHALL INSPECT ALL ITEMS BEING CONVEYED TO THE ABOVE GRADE CONTRACTOR AS PART OF THE SUBSTANTIAL COMPLETION/TURNOVER PROCESS. ANY REPAIRS OR DEFICIENCIES IDENTIFIED SHALL BE REPAIRED BY BELOW GRADE CONTRACTOR PRIOR TO TURNOVER.
 6. INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
 7. AT THE COMPLETION OF CONSTRUCTION AND AFTER THE INSPECTOR'S APPROVAL, ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED.

- LAND GRADING NOTES:**
1. ALL SOIL SHALL BE DEFINED AS UNCLASSIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ANY EXCAVATION AND PROVIDE ADEQUATE BACKFILL.
 2. INSTALL PERIMETER CONTROLS AND OTHER EROSION CONTROL MEASURES BEFORE EXPOSING CUT AND FILL SLOPES.
 3. COMPLETE SITE CLEARING AND GRADING IN COMPLIANCE WITH THE CONSTRUCTION SEQUENCE IDENTIFIED ON THE ESC PLAN.
 4. PROVIDE EROSION AND SEDIMENT CONTROLS ON ALL TEMPORARY FILL PILES GENERATED DURING CONSTRUCTION.
 5. ENSURE THAT ALL SUPPLEMENTAL FILL CREATED DURING THE GRADING PROCESS IS DISPOSED OF PROPERLY.
 6. IN CASE WHERE FILL SLOPES OR SOIL PILES CANNOT BE STABILIZED BEFORE THE CLOSE OF THE WORK DAY, UTILIZE TEMPORARY EROSION CONTROL MEASURES SUCH AS PLASTIC SHEETING TO ENSURE THAT SOIL IS NOT EXPOSED.
 7. CONFIRM THAT ALL FILLS ARE COMPACTED IN COMPLIANCE WITH THE STANDARD PRESCRIBED IN THE SITE PLAN.
 8. REMOVE EROSION CONTROLS ONCE SLOPES HAVE BEEN STABILIZED PERMANENTLY.
 9. IMMEDIATELY REPLACE ANY FAILED DIVERSION MEASURES, AND IMMEDIATELY REGRADE AND STABILIZE ANY PORTIONS OF THE SLOPES THAT HAVE BEGUN TO FORM RILLS OR GULLS. ENSURE THAT STOCKPILES ARE STABILIZED WITH VEGETATION OR WITH ANOTHER TEMPORARY COVER THROUGHOUT THE CONSTRUCTION PROCESS. MAINTAIN ALL DIVERSION MEASURES PER THE DETAILS OUTLINED IN CHAPTER 4 CONVEYANCE.

EROSION AND SEDIMENT CONTROL NARRATIVE:
 EROSION AND SEDIMENT CONTROL WILL BE ACHIEVED THROUGH THE USE OF SILT FENCE, SILT FENCE ON PAVEMENT, STABILIZED CONSTRUCTION ENTRANCE, AND INLET PROTECTION. THE CONSTRUCTION AREA WILL HAVE SAFETY FENCE FOR CONSTRUCTION PROTECTION. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE IMPLEMENTED PRIOR TO DEMOLITION TO ENSURE ADEQUATE PROTECTION DURING DEMOLITION AND REMOVAL OF WASTE MATERIALS. ALL DEMO MATERIALS WILL BE TAKEN TO AN OFF-SITE DESIGNATION DUMPING AREA VIA DUMP TRUCKS OR DUMPSTERS.

- CONSTRUCTION AND STABILIZATION SCHEDULE:**
1. MOBILIZATION AND ESC INSTALLATION TO BEGIN AUGUST 2026. DEMOLITION AND HEAVY CONSTRUCTION TO OCCUR FEBRUARY 2027. FINISHING WORK AND DEMOLITION TO BE COMPLETED BY OCTOBER 2028. EXACT DATES ARE TO BE SET BY OWNER AND ARE SUBJECT TO CHANGE.
 2. FOR FURTHER INFORMATION, PLEASE CALL: GOVERNMENT OF DISTRICT OF COLUMBIA DEPARTMENT OF ENVIRONMENT WATERSHED PROTECTION DIVISION
 1200 FIRST STREET, NE
 WASHINGTON, DC 20002
 TEL NO. (202) 535-2977

DESCRIPTION OF PREDOMINANT SOIL TYPE:
 M4D AND M4C MANOR-URBAN LAND COMPLEX

TOTAL VOLUME OF CUT/FILL FOR UTILITIES:
 TOTAL AREA OF EXCAVATION: 5,875 SF / 0.13 AC
 VOLUME OF CUT: 5,875 SQ.FT. (AREA) X 8 FT. (DEPTH)

TOTAL SITE AREA:
 TOTAL SITE AREA: 43,366 SF / 0.99 AC

TOTAL VOLUME OF CUT:
 VOLUME OF CUT AND FILL: 1,740 CY +/-

BELOW GRADE EXCAVATION:
 TOTAL AREA OF EXCAVATION: 7,398 SF / 0.17 AC
 VOLUME OF CUT: 7,398 SQ.FT. (AREA) X 5 FT. (DEPTH)

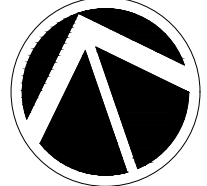
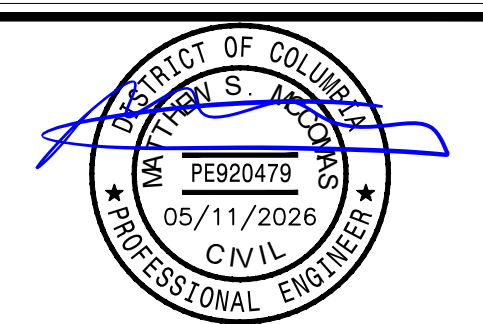
TOTAL AREA OF DISTURBANCE:
 TOTAL AREA OF DISTURBANCE: 43,366 SF / 0.99 AC

VOLUME OF CUT:
 VOLUME OF CUT: 1,370 CY +/-

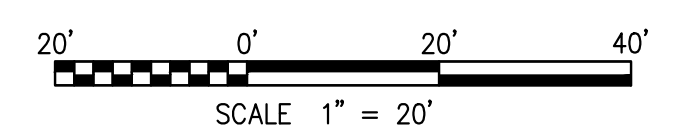
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CONSTRUCT ARABIAN LEOPARD FACILITY

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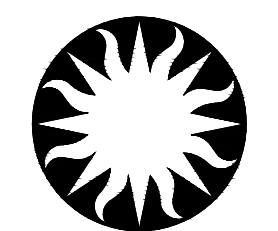


KEY PLAN



GRAPHIC SCALE(S)

DATE 04/02/2026	ISSUANCE ISSUED FOR BID
PROJECT # / DATE 1 / 5/1/2026	REVISION DESCRIPTION PHASE 1: ADDENDUM 1



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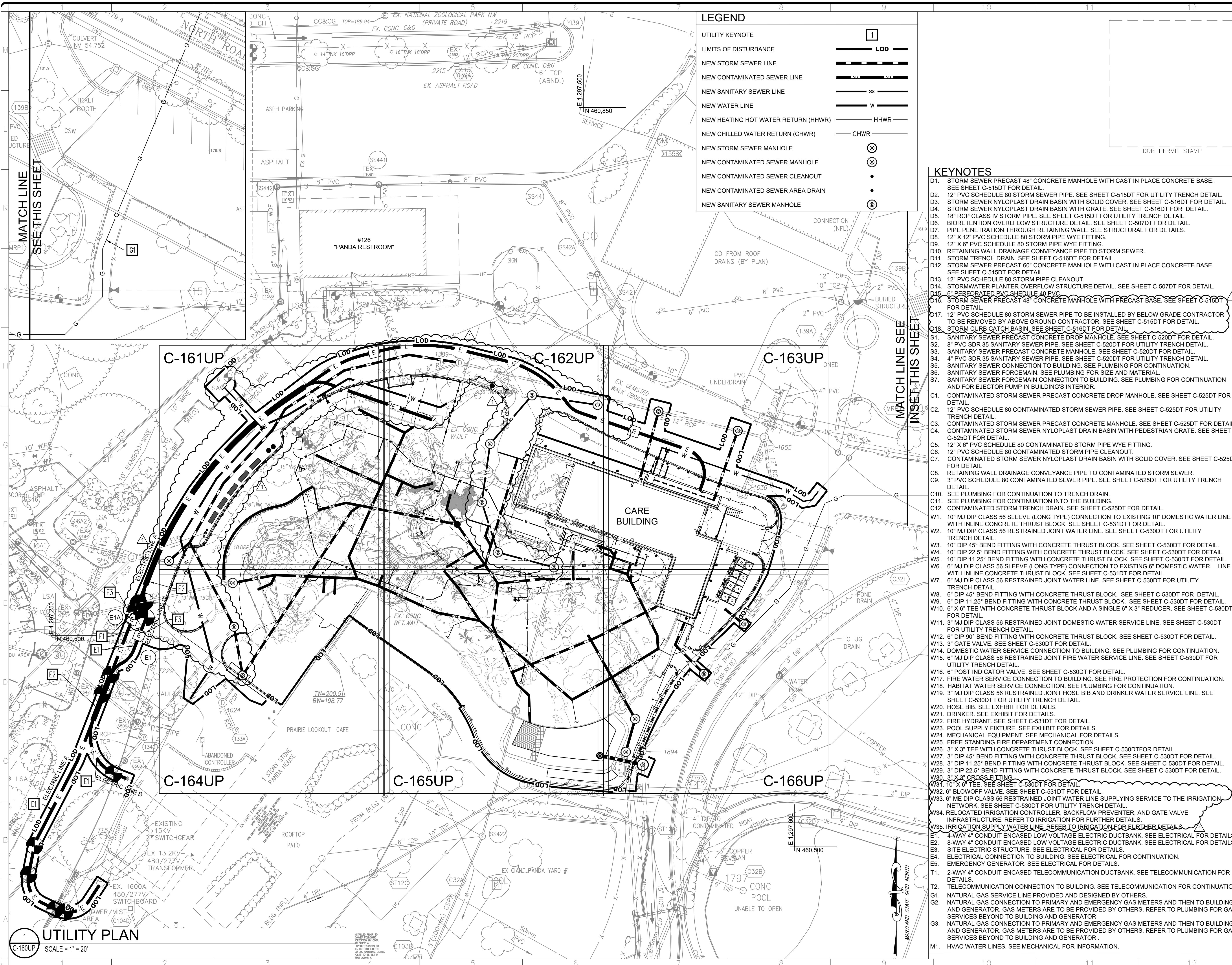
Smithsonian OPDC
 600 Maryland Avenue S.W., Suite 5001
 Washington, DC 20024-2520

BUILDING NAME ARABIAN LEOPARD FACILITY (ALF)	ADDRESS 3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)	PROJECT NUMBER 2533105
DATE PROJECT NUMBER 00100084	PROJECT TITLE EROSION & SEDIMENT CONTROL PLAN - PH1
DESIGNED BY ST	DRAWN BY KK
CHECKED BY SM	
SHEET NO. 6 OF 35	C 140 EP

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EROSION & SEDIMENT CONTROL PLAN - PH1

THIS SHEET IS TO BE USED FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY !!!



LEGEND

- UTILITY KEYNOTE**
- LIMITS OF DISTURBANCE
 - NEW STORM SEWER LINE
 - NEW CONTAMINATED SEWER LINE
 - NEW SANITARY SEWER LINE
 - NEW WATER LINE
 - NEW HEATING HOT WATER RETURN (HHWR)
 - NEW CHILLED WATER RETURN (CHWR)
 - NEW STORM SEWER MANHOLE
 - NEW CONTAMINATED SEWER MANHOLE
 - NEW CONTAMINATED SEWER CLEANOUT
 - NEW CONTAMINATED SEWER AREA DRAIN
 - NEW SANITARY SEWER MANHOLE

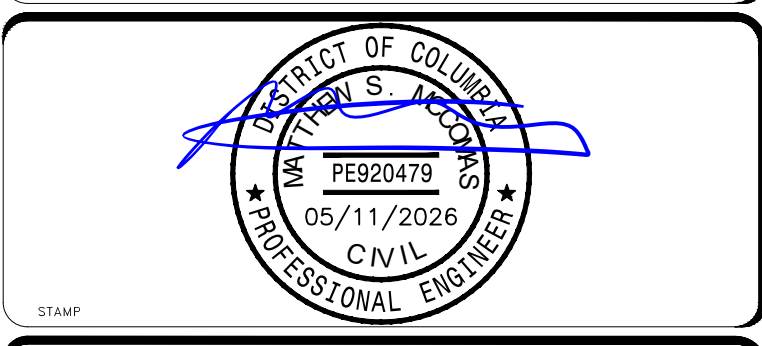
KEYNOTES

- D1. STORM SEWER PRECAST 48" CONCRETE MANHOLE WITH CAST IN PLACE CONCRETE BASE. SEE SHEET C-515DT FOR DETAIL.
- D2. 12" PVC SCHEDULE 80 STORM SEWER PIPE. SEE SHEET C-515DT FOR UTILITY TRENCH DETAIL.
- D3. STORM SEWER NYLOPLAST DRAIN BASIN WITH SOLID COVER. SEE SHEET C-516DT FOR DETAIL.
- D4. STORM SEWER NYLOPLAST DRAIN BASIN WITH GRATE. SEE SHEET C-516DT FOR DETAIL.
- D5. 18" RCP CLASS IV STORM PIPE. SEE SHEET C-515DT FOR UTILITY TRENCH DETAIL.
- D6. BI-DIRECTION OVERFLOW STRUCTURE DETAIL. SEE SHEET C-507DT FOR DETAIL.
- D7. PIPE PENETRATION THROUGH RETAINING WALL. SEE STRUCTURAL FOR DETAILS.
- D8. 12" X 12" PVC SCHEDULE 80 STORM PIPE WYE FITTING.
- D9. 12" X 6" PVC SCHEDULE 80 STORM PIPE WYE FITTING.
- D10. RETAINING WALL DRAINAGE CONVEYANCE PIPE TO STORM SEWER.
- D11. STORM TRENCH DRAIN. SEE SHEET C-516DT FOR DETAIL.
- D12. STORM SEWER PRECAST 60" CONCRETE MANHOLE WITH CAST IN PLACE CONCRETE BASE. SEE SHEET C-515DT FOR DETAIL.
- D13. 12" PVC SCHEDULE 80 STORM PIPE CLEANOUT.
- D14. STORM WATER PLANTER OVERFLOW STRUCTURE DETAIL. SEE SHEET C-507DT FOR DETAIL.
- D15. 6" PERFORATED PVC SCHEDULE 40 PVC.
- D16. STORM SEWER PRECAST 48" CONCRETE MANHOLE WITH PRECAST BASE. SEE SHEET C-515DT FOR DETAIL.
- D17. 12" PVC SCHEDULE 80 STORM SEWER PIPE TO BE INSTALLED BY BELOW GRADE CONTRACTOR TO BE REMOVED BY ABOVE GROUND CONTRACTOR. SEE SHEET C-515DT FOR DETAIL.
- D18. STORM CURB CATCH BASIN. SEE SHEET C-516DT FOR DETAIL.
- S1. SANITARY SEWER PRECAST CONCRETE DROP MANHOLE. SEE SHEET C-520DT FOR DETAIL.
- S2. 8" PVC SDR 35 SANITARY SEWER PIPE. SEE SHEET C-520DT FOR UTILITY TRENCH DETAIL.
- S3. SANITARY SEWER PRECAST CONCRETE MANHOLE. SEE SHEET C-520DT FOR DETAIL.
- S4. 4" PVC SDR 35 SANITARY SEWER PIPE. SEE SHEET C-520DT FOR UTILITY TRENCH DETAIL.
- S5. SANITARY SEWER CONNECTION TO BUILDING. SEE PLUMBING FOR CONTINUATION.
- S6. SANITARY SEWER FORCEMAIN. SEE PLUMBING FOR SIZE AND MATERIAL.
- S7. SANITARY SEWER FORCEMAIN CONNECTION TO BUILDING. SEE PLUMBING FOR CONTINUATION AND FOR EJECTOR PUMP IN BUILDING'S INTERIOR.
- C1. CONTAMINATED STORM SEWER PRECAST CONCRETE DROP MANHOLE. SEE SHEET C-525DT FOR DETAIL.
- C2. 12" PVC SCHEDULE 80 CONTAMINATED STORM SEWER PIPE. SEE SHEET C-525DT FOR UTILITY TRENCH DETAIL.
- C3. CONTAMINATED STORM SEWER PRECAST CONCRETE MANHOLE. SEE SHEET C-525DT FOR DETAIL.
- C4. CONTAMINATED STORM SEWER NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE. SEE SHEET C-525DT FOR DETAIL.
- C5. 12" PVC SCHEDULE 80 CONTAMINATED STORM PIPE WYE FITTING.
- C6. 12" PVC SCHEDULE 80 CONTAMINATED STORM PIPE CLEANOUT.
- C7. CONTAMINATED STORM SEWER NYLOPLAST DRAIN BASIN WITH SOLID COVER. SEE SHEET C-525DT FOR DETAIL.
- C8. RETAINING WALL DRAINAGE CONVEYANCE PIPE TO CONTAMINATED STORM SEWER.
- C9. 3" PVC SCHEDULE 80 CONTAMINATED SEWER PIPE. SEE SHEET C-525DT FOR UTILITY TRENCH DETAIL.
- C10. SEE PLUMBING FOR CONTINUATION TO TRENCH DRAIN.
- C11. SEE PLUMBING FOR CONTINUATION INTO THE BUILDING.
- C12. CONTAMINATED STORM TRENCH DRAIN. SEE SHEET C-525DT FOR DETAIL.
- W1. 10" MJ DIP CLASS 56 SLEEVE (LONG TYPE) CONNECTION TO EXISTING 10" DOMESTIC WATER LINE WITH INLINE CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W2. 10" MJ DIP CLASS 56 RESTRAINED JOINT WATER LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W3. 10" DIP 45° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W4. 10" DIP 22.5° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W5. 10" DIP 11.25° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W6. 6" MJ DIP CLASS 56 SLEEVE (LONG TYPE) CONNECTION TO EXISTING 6" DOMESTIC WATER LINE WITH INLINE CONCRETE THRUST BLOCK. SEE SHEET C-531DT FOR DETAIL.
- W7. 6" MJ DIP CLASS 56 RESTRAINED JOINT WATER LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W8. 6" DIP 45° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W9. 6" DIP 11.25° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W10. 6" X 6" TEE WITH CONCRETE THRUST BLOCK AND A SINGLE 6" X 3" REDUCER. SEE SHEET C-530DT FOR DETAIL.
- W11. 3" MJ DIP CLASS 56 RESTRAINED JOINT DOMESTIC WATER SERVICE LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W12. 6" DIP 90° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W13. 3" GATE VALVE. SEE SHEET C-530DT FOR DETAIL.
- W14. DOMESTIC WATER SERVICE CONNECTION TO BUILDING. SEE PLUMBING FOR CONTINUATION.
- W15. 6" MJ DIP CLASS 56 RESTRAINED JOINT FIRE WATER SERVICE LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W16. 6" POST INDICATOR VALVE. SEE SHEET C-530DT FOR DETAIL.
- W17. FIRE WATER SERVICE CONNECTION TO BUILDING. SEE FIRE PROTECTION FOR CONTINUATION.
- W18. HABITAT WATER SERVICE CONNECTION. SEE PLUMBING FOR CONTINUATION.
- W19. 3" MJ DIP CLASS 56 RESTRAINED JOINT HOSE BIB AND DRINKER WATER SERVICE LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W20. HOSE BIB. SEE EXHIBIT FOR DETAILS.
- W21. DRINKER. SEE EXHIBIT FOR DETAILS.
- W22. FIRE HYDRANT. SEE SHEET C-531DT FOR DETAIL.
- W23. POOL SUPPLY FIXTURE. SEE EXHIBIT FOR DETAILS.
- W24. MECHANICAL EQUIPMENT. SEE MECHANICAL FOR DETAILS.
- W25. FREE STANDING FIRE DEPARTMENT CONNECTION.
- W26. 3" X 3" TEE WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W27. 3" DIP 45° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W28. 3" DIP 11.25° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W29. 3" DIP 22.5° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W30. 3" X 3" TEE WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W31. 10" X 6" TEE WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W32. 6" BLOWOFF VALVE. SEE SHEET C-531DT FOR DETAIL.
- W33. 6" ME DIP CLASS 56 RESTRAINED JOINT WATER LINE SUPPLYING SERVICE TO THE IRRIGATION NETWORK. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W34. RELOCATED IRRIGATION CONTROLLER, BACKFLOW PREVENTER, AND GATE VALVE INFRASTRUCTURE. REFER TO IRRIGATION FOR FURTHER DETAILS.
- W35. IRRIGATION SUPPLY WATER LINE. REFER TO IRRIGATION FOR FURTHER DETAILS.
- E1. 4-WAY 4" CONDUIT ENCASED LOW VOLTAGE ELECTRIC DUCTBANK. SEE ELECTRICAL FOR DETAILS.
- E2. 8-WAY 4" CONDUIT ENCASED LOW VOLTAGE ELECTRIC DUCTBANK. SEE ELECTRICAL FOR DETAILS.
- E3. SITE ELECTRIC STRUCTURE. SEE ELECTRICAL FOR DETAILS.
- E4. ELECTRICAL CONNECTION TO BUILDING. SEE ELECTRICAL FOR CONTINUATION.
- E5. EMERGENCY GENERATOR. SEE ELECTRICAL FOR DETAILS.
- T1. 2-WAY 4" CONDUIT ENCASED TELECOMMUNICATION DUCTBANK. SEE TELECOMMUNICATION FOR DETAILS.
- T2. TELECOMMUNICATION CONNECTION TO BUILDING. SEE TELECOMMUNICATION FOR CONTINUATION.
- G1. NATURAL GAS SERVICE LINE PROVIDED AND DESIGNED BY OTHERS.
- G2. NATURAL GAS CONNECTION TO PRIMARY AND EMERGENCY GAS METERS AND THEN TO BUILDING AND GENERATOR. GAS METERS ARE TO BE PROVIDED BY OTHERS. REFER TO PLUMBING FOR GAS SERVICES BEYOND TO BUILDING AND GENERATOR.
- G3. NATURAL GAS CONNECTION TO PRIMARY AND EMERGENCY GAS METERS AND THEN TO BUILDING AND GENERATOR. GAS METERS ARE TO BE PROVIDED BY OTHERS. REFER TO PLUMBING FOR GAS SERVICES BEYOND TO BUILDING AND GENERATOR.
- M1. HVAC WATER LINES. SEE MECHANICAL FOR INFORMATION.

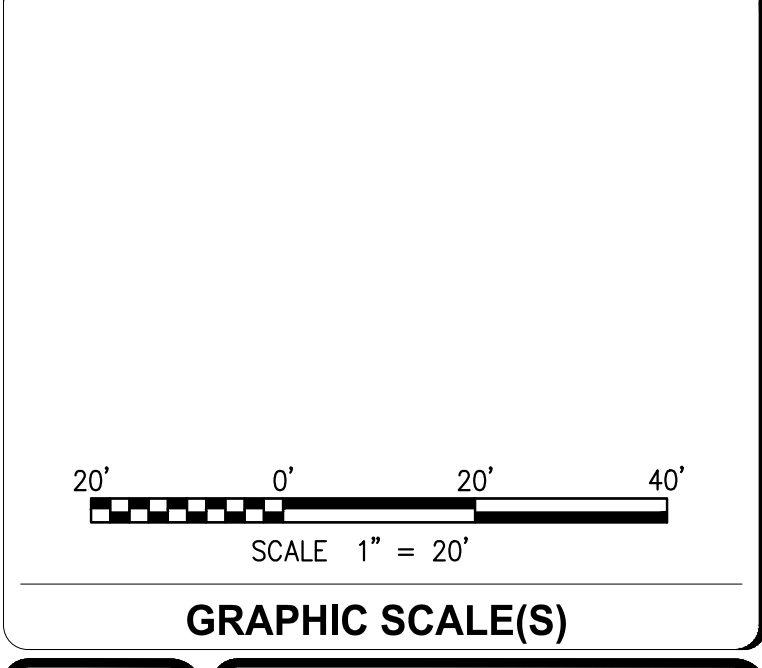
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CONSTRUCT ARABIAN LEOPARD FACILITY

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KEY PLAN



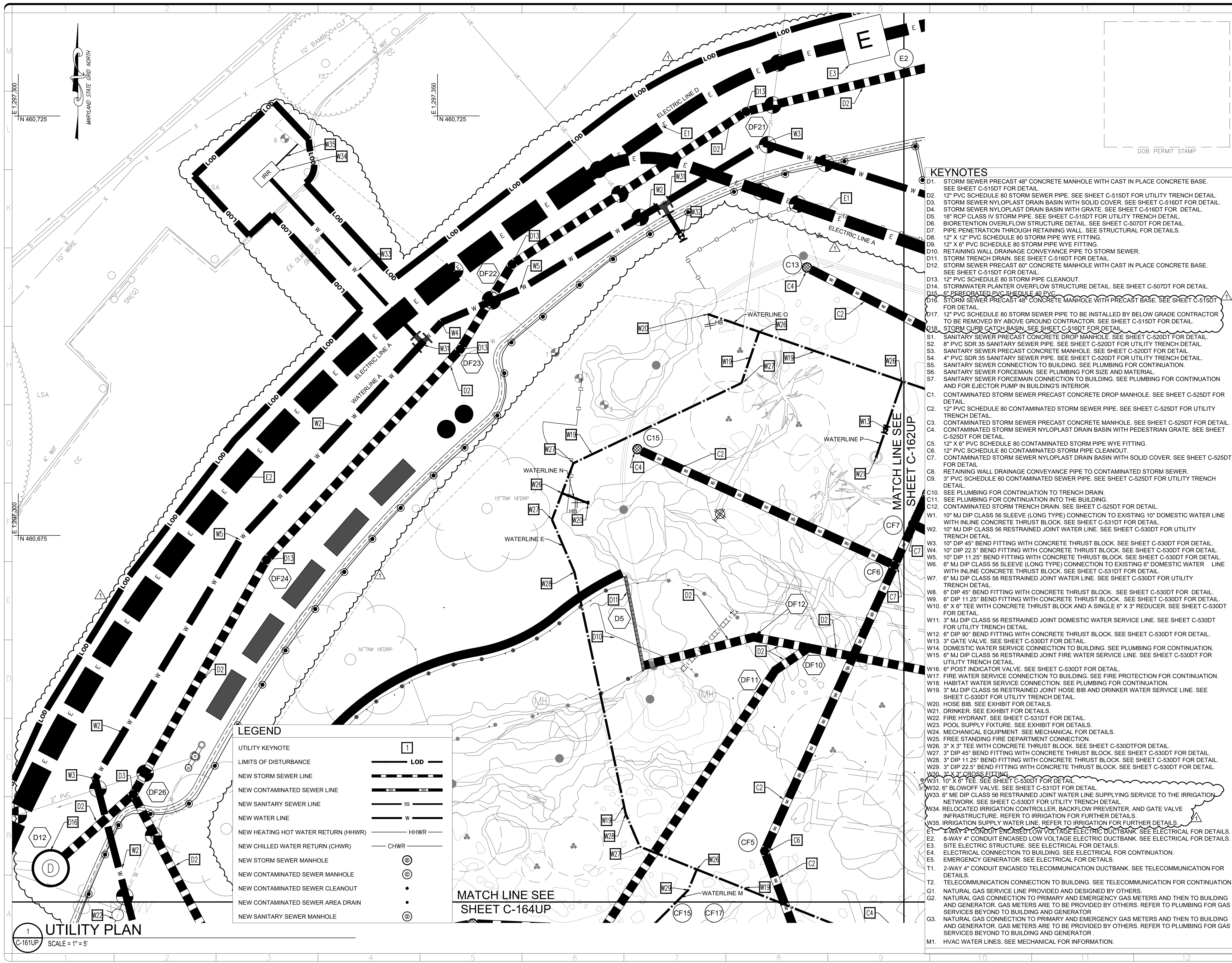
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	CHECKED BY SM
SHEET NO. 7 OF 35	C 160 UP

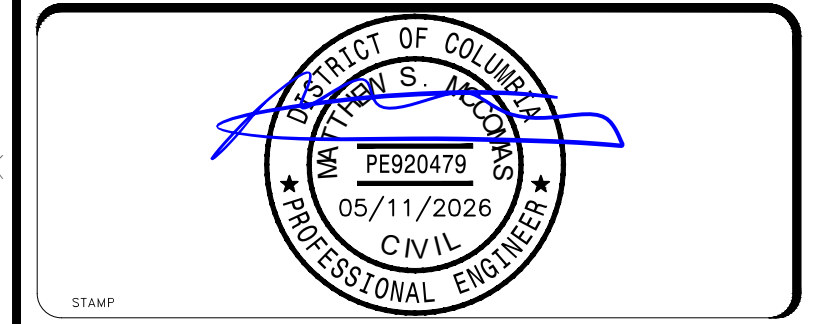
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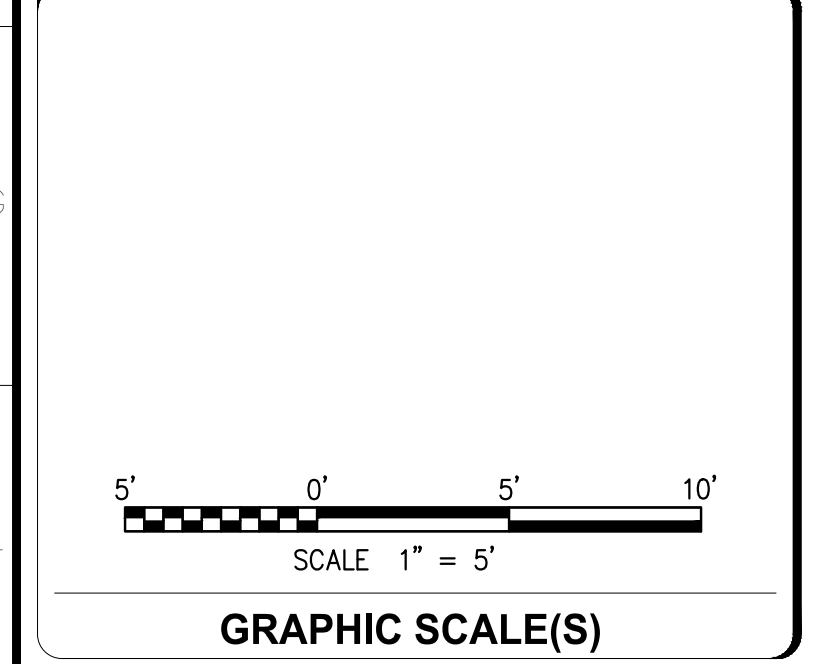
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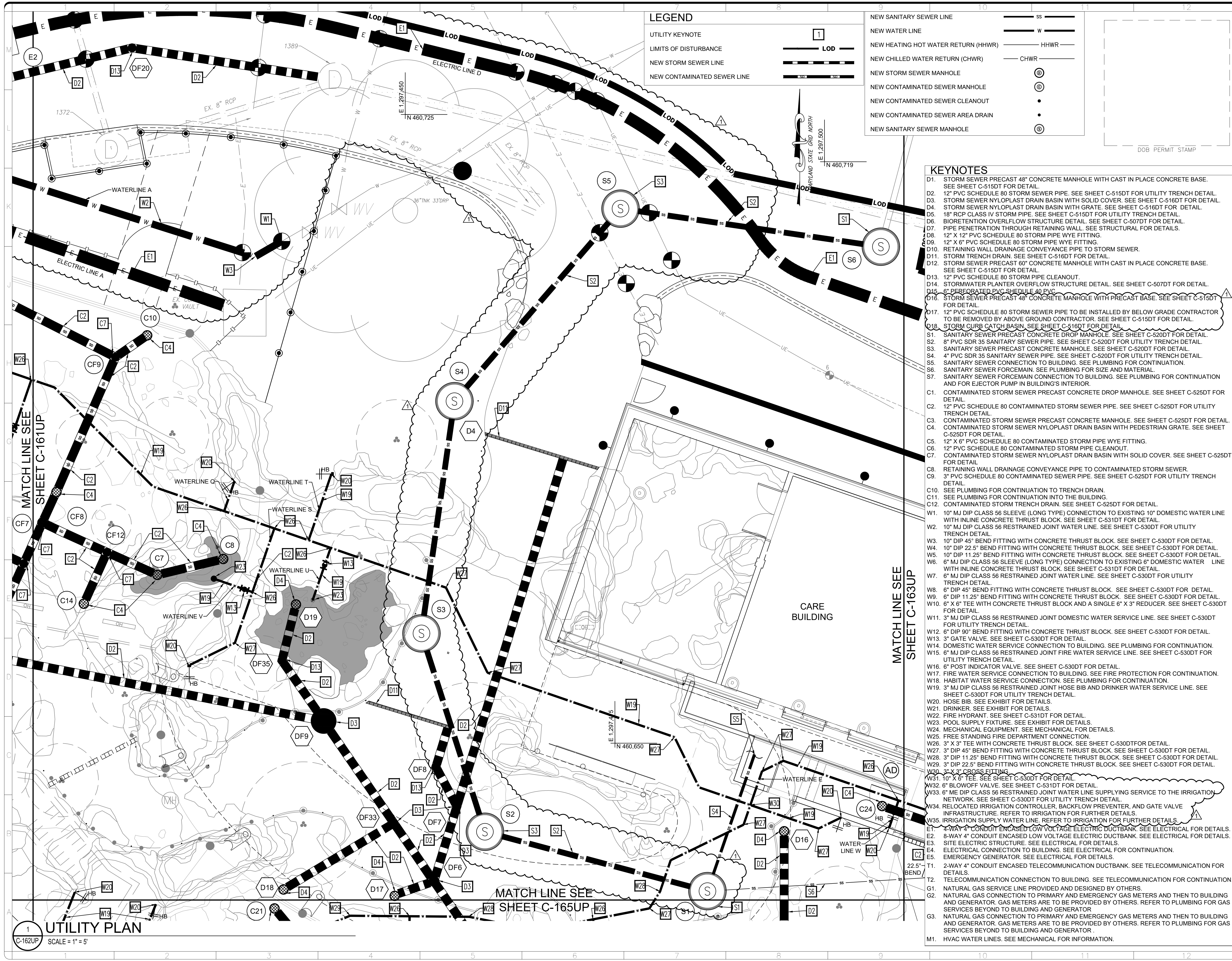
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8 OF 35	

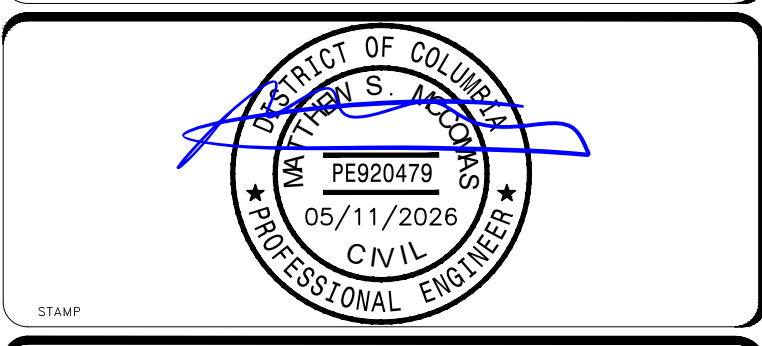
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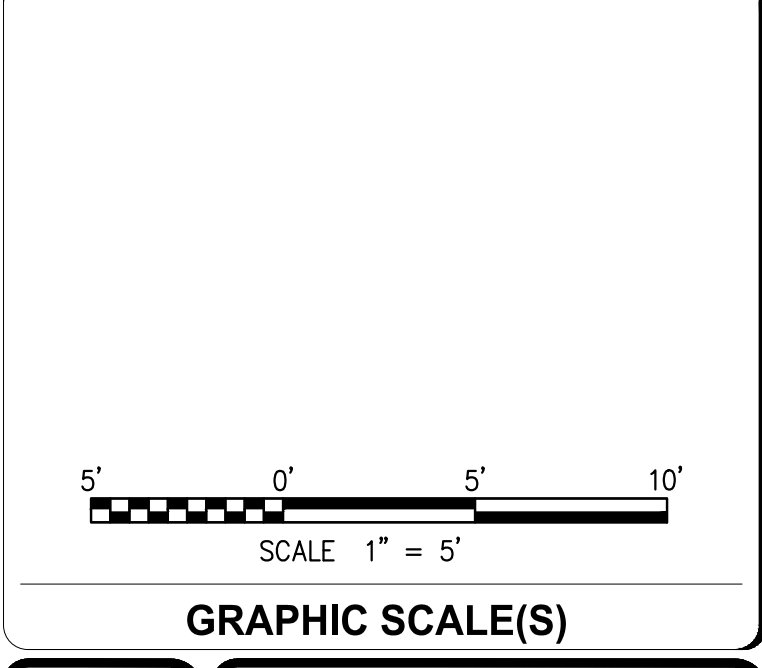
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DATE	04/02/2026	REVISION	ISSUED FOR BID
PROJECT # / DATE	1 / 5/11/26	PHASE / DESCRIPTION	PHASE 1: ADDENDUM 1

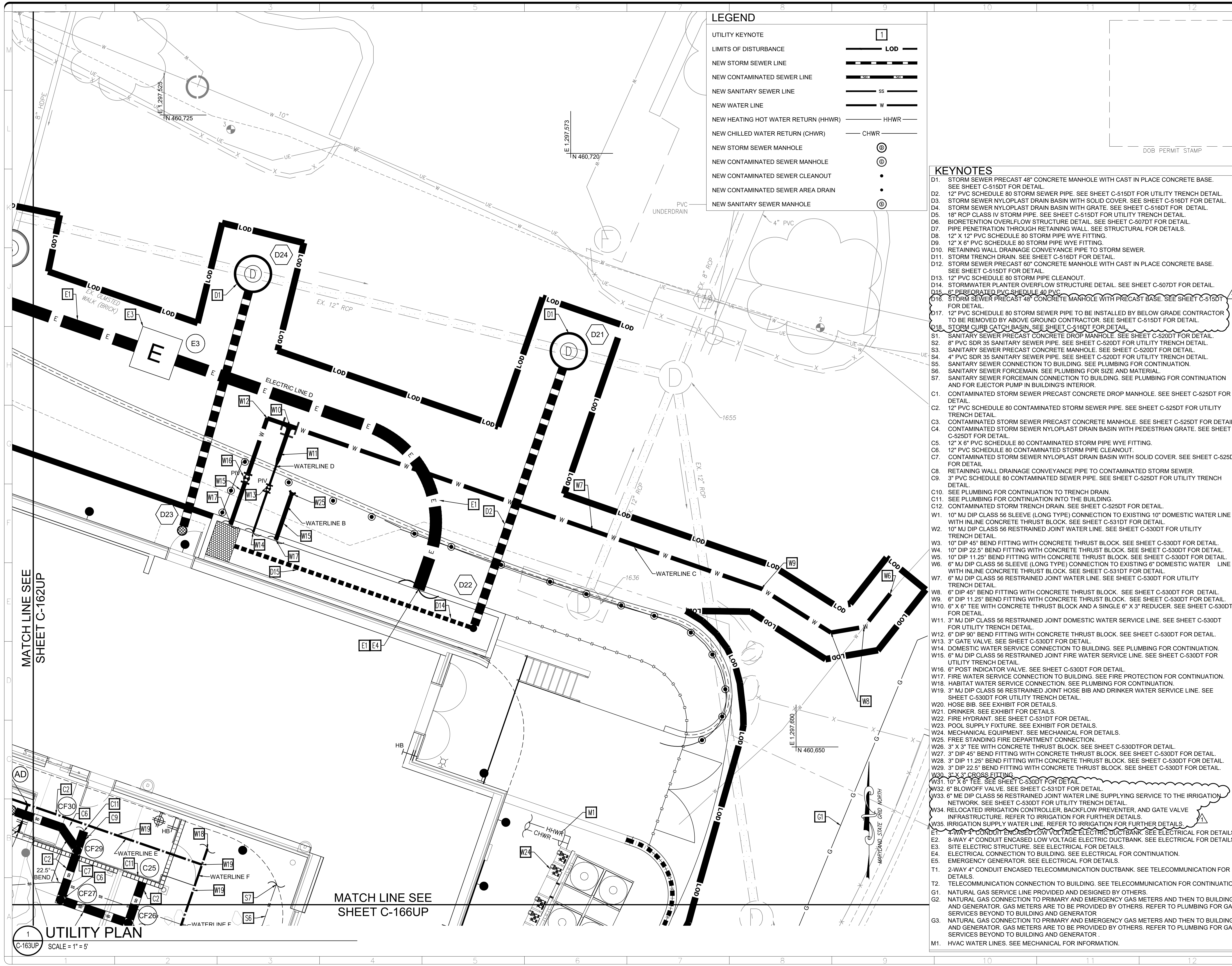
Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W., Suite 5001
Washington, DC 20024-2520

BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)
ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER	2533105
ALF PROJECT NUMBER	00100084
DRAWING TITLE	UTILITY PLAN
DESIGNED BY	ST
DRAWN BY	KK
CHECKED BY	SM
SHEET NO.	C 162 UP
9 OF 35	

3/19/2026 11:18:19 AM
XXXXXXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT

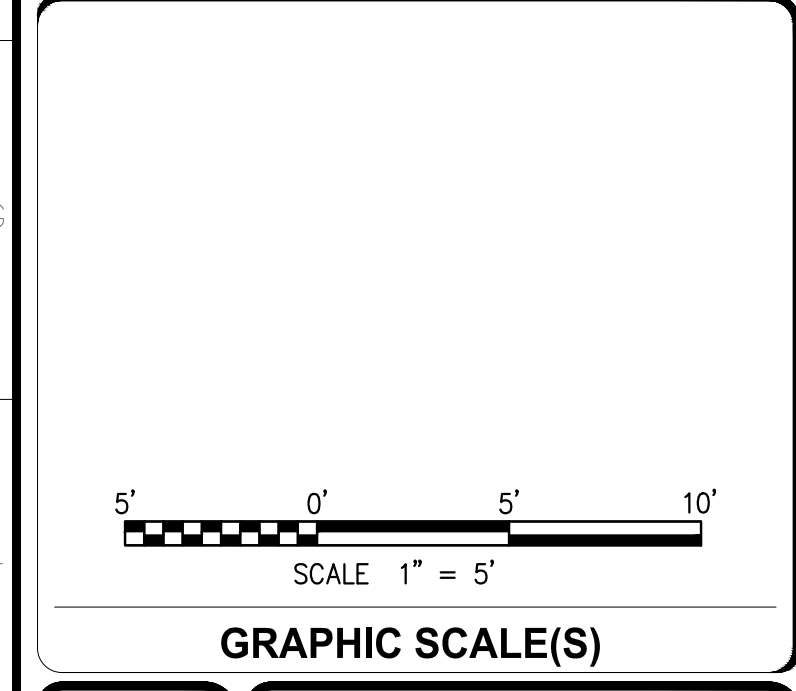
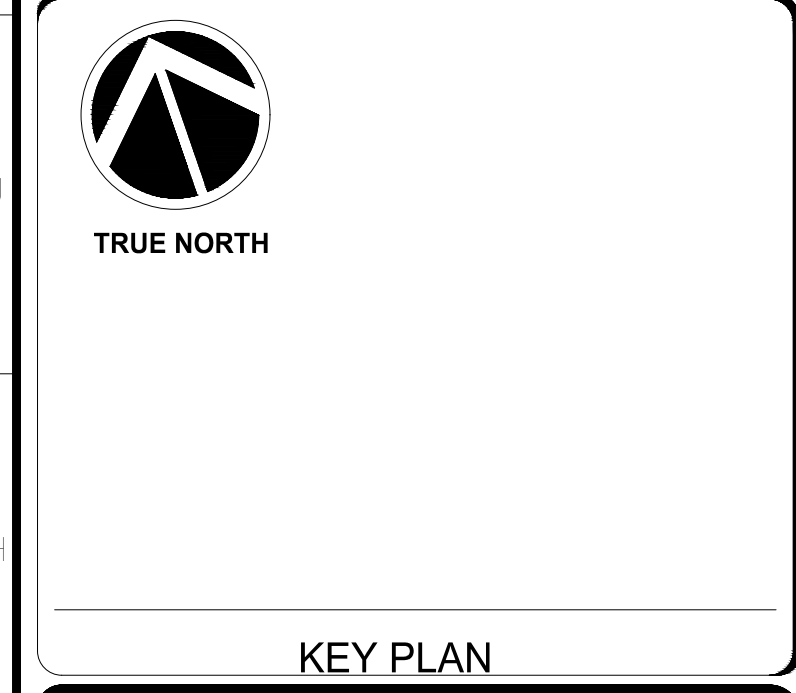
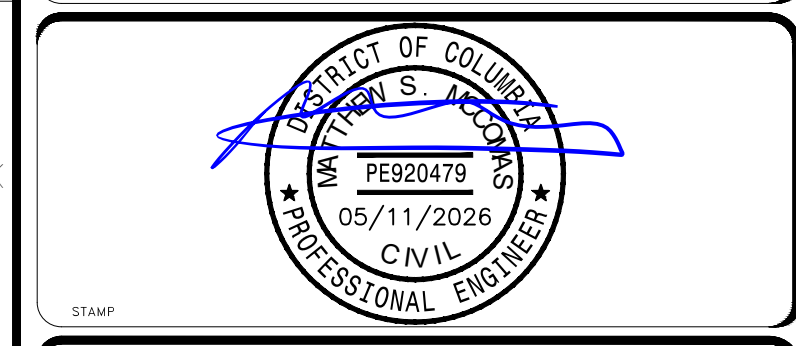
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C-162UP SCALE = 1" = 5'



ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

ISSUED FOR BID



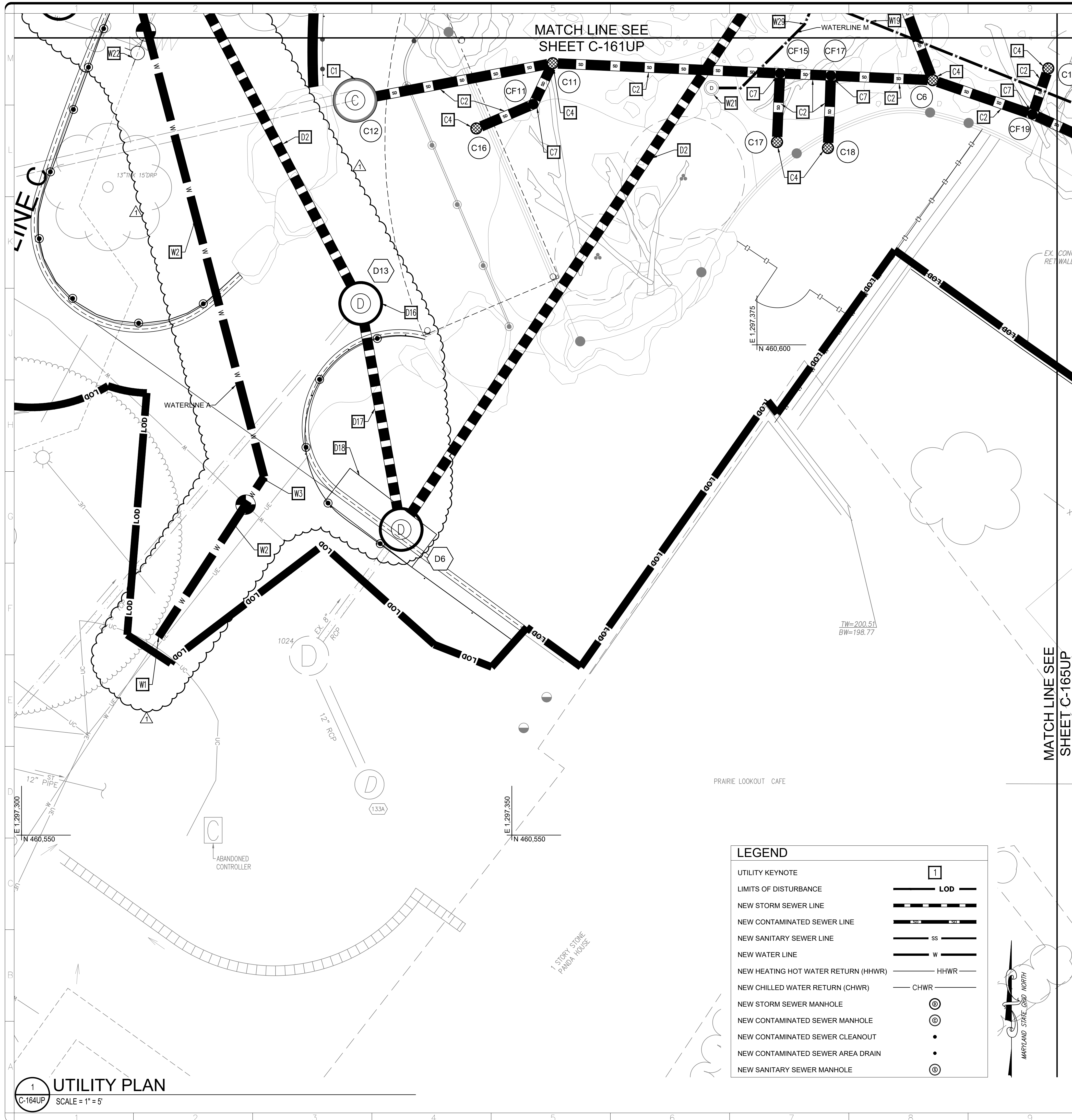
DATE 04/02/2026	REVISION ISSUED FOR BID
PROJECT # / DATE 1 / 5/11/26	PHASE DESCRIPTION PHASE 1: ADDENDUM 1

Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W., Suite 5001
Washington, DC 20024-2520

BUILDING NAME ARABIAN LEOPARD FACILITY (ALF)	ADDRESS 3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)	OPDC PROJECT NUMBER 2533105
DATE PROJECT NUMBER 00100084	ISSUED FOR BID
UTILITY PLAN	
DESIGNED BY ST	DRAWN BY KK
CHECKED BY SM	
SHEET NO. 10 OF 35	C 163 UP

3/12/2026 11:18:19 AM
XXXXXXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT



KEYNOTES

- D1. STORM SEWER PRECAST 48" CONCRETE MANHOLE WITH CAST IN PLACE CONCRETE BASE. SEE SHEET C-515DT FOR DETAIL.
- D2. 12" PVC SCHEDULE 80 STORM SEWER PIPE. SEE SHEET C-515DT FOR UTILITY TRENCH DETAIL.
- D3. STORM SEWER NYLOPLAST DRAIN BASIN WITH SOLID COVER. SEE SHEET C-516DT FOR DETAIL.
- D4. STORM SEWER NYLOPLAST DRAIN BASIN WITH GRATE. SEE SHEET C-516DT FOR DETAIL.
- D5. 18" RCP CLASS IV STORM PIPE. SEE SHEET C-515DT FOR UTILITY TRENCH DETAIL.
- D6. BIORETENTION OVERFLOW STRUCTURE DETAIL. SEE SHEET C-507DT FOR DETAIL.
- D7. PIPE PENETRATION THROUGH RETAINING WALL. SEE STRUCTURAL FOR DETAILS.
- D8. 12" X 12" PVC SCHEDULE 80 STORM PIPE WYE FITTING.
- D9. 12" X 9" PVC SCHEDULE 80 STORM PIPE WYE FITTING.
- D10. RETAINING WALL DRAINAGE CONVEYANCE PIPE TO STORM SEWER.
- D11. STORM TRENCH DRAIN. SEE SHEET C-516DT FOR DETAIL.
- D12. STORM SEWER PRECAST 60" CONCRETE MANHOLE WITH CAST IN PLACE CONCRETE BASE. SEE SHEET C-515DT FOR DETAIL.
- D13. 12" PVC SCHEDULE 80 STORM PIPE CLEANOUT.
- D14. STORMWATER PLANTER OVERFLOW STRUCTURE DETAIL. SEE SHEET C-507DT FOR DETAIL.
- D15. 6" PERFORATED PVC SCHEDULE 40 PVC CLEANOUT.
- D16. STORM SEWER PRECAST 48" CONCRETE MANHOLE WITH PRECAST BASE. SEE SHEET C-515DT FOR DETAIL.
- D17. 12" PVC SCHEDULE 80 STORM SEWER PIPE TO BE INSTALLED BY BELOW GRADE CONTRACTOR TO BE REMOVED BY ABOVE GROUND CONTRACTOR. SEE SHEET C-515DT FOR DETAIL.
- D18. STORM CURB CATCH BASIN. SEE SHEET C-516DT FOR DETAIL.
- S1. SANITARY SEWER PRECAST CONCRETE DROP MANHOLE. SEE SHEET C-520DT FOR DETAIL.
- S2. 8" PVC SDR 35 SANITARY SEWER PIPE. SEE SHEET C-520DT FOR UTILITY TRENCH DETAIL.
- S3. SANITARY SEWER PRECAST CONCRETE MANHOLE. SEE SHEET C-520DT FOR DETAIL.
- S4. 4" PVC SDR 35 SANITARY SEWER PIPE. SEE SHEET C-520DT FOR UTILITY TRENCH DETAIL.
- S5. SANITARY SEWER CONNECTION TO BUILDING. SEE PLUMBING FOR CONTINUATION.
- S6. SANITARY SEWER FORCEMAIN. SEE PLUMBING FOR SIZE AND MATERIAL.
- S7. SANITARY SEWER FORCEMAIN CONNECTION TO BUILDING. SEE PLUMBING FOR CONTINUATION AND FOR EJECTOR PUMP IN BUILDING'S INTERIOR.
- C1. CONTAMINATED STORM SEWER PRECAST CONCRETE DROP MANHOLE. SEE SHEET C-525DT FOR DETAIL.
- C2. 12" PVC SCHEDULE 80 CONTAMINATED STORM SEWER PIPE. SEE SHEET C-525DT FOR UTILITY TRENCH DETAIL.
- C3. CONTAMINATED STORM SEWER PRECAST CONCRETE MANHOLE. SEE SHEET C-525DT FOR DETAIL.
- C4. CONTAMINATED STORM SEWER NYLOPLAST DRAIN BASIN WITH PEDESTRIAN GRATE. SEE SHEET C-525DT FOR DETAIL.
- C5. 12" X 6" PVC SCHEDULE 80 CONTAMINATED STORM PIPE WYE FITTING.
- C6. 12" PVC SCHEDULE 80 CONTAMINATED STORM PIPE CLEANOUT.
- C7. CONTAMINATED STORM SEWER NYLOPLAST DRAIN BASIN WITH SOLID COVER. SEE SHEET C-525DT FOR DETAIL.
- C8. RETAINING WALL DRAINAGE CONVEYANCE PIPE TO CONTAMINATED STORM SEWER.
- C9. 3" PVC SCHEDULE 80 CONTAMINATED SEWER PIPE. SEE SHEET C-525DT FOR UTILITY TRENCH DETAIL.
- C10. SEE PLUMBING FOR CONTINUATION TO TRENCH DRAIN.
- C11. SEE PLUMBING FOR CONTINUATION INTO THE BUILDING.
- C12. CONTAMINATED STORM TRENCH DRAIN. SEE SHEET C-525DT FOR DETAIL.
- W1. 10" MJ DIP CLASS 56 SLEEVE (LONG TYPE) CONNECTION TO EXISTING 10" DOMESTIC WATER LINE WITH INLINE CONCRETE THRUST BLOCK. SEE SHEET C-531DT FOR DETAIL.
- W2. 10" MJ DIP CLASS 56 RESTRAINED JOINT WATER LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W3. 10" DIP 45° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W4. 10" DIP 22.5° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W5. 10" DIP 11.25° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W6. 6" MJ DIP CLASS 56 SLEEVE (LONG TYPE) CONNECTION TO EXISTING 6" DOMESTIC WATER LINE WITH INLINE CONCRETE THRUST BLOCK. SEE SHEET C-531DT FOR DETAIL.
- W7. 6" MJ DIP CLASS 56 RESTRAINED JOINT WATER LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W8. 6" DIP 45° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W9. 6" DIP 11.25° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W10. 6" X 6" TEE WITH CONCRETE THRUST BLOCK AND A SINGLE 6" X 3" REDUCER. SEE SHEET C-530DT FOR DETAIL.
- W11. 3" MJ DIP CLASS 56 RESTRAINED JOINT DOMESTIC WATER SERVICE LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W12. 6" DIP 90° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W13. 3" GATE VALVE. SEE SHEET C-530DT FOR DETAIL.
- W14. DOMESTIC WATER SERVICE CONNECTION TO BUILDING. SEE PLUMBING FOR CONTINUATION.
- W15. 6" MJ DIP CLASS 56 RESTRAINED JOINT FIRE WATER SERVICE LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W16. 6" POST INDICATOR VALVE. SEE SHEET C-530DT FOR DETAIL.
- W17. FIRE WATER SERVICE CONNECTION TO BUILDING. SEE FIRE PROTECTION FOR CONTINUATION.
- W18. HABITAT WATER SERVICE CONNECTION. SEE PLUMBING FOR CONTINUATION.
- W19. 3" MJ DIP CLASS 56 RESTRAINED JOINT HOSE BIB AND DRINKER WATER SERVICE LINE. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W20. HOSE BIB. SEE EXHIBIT FOR DETAILS.
- W21. DRINKER. SEE EXHIBIT FOR DETAILS.
- W22. FIRE HYDRANT. SEE SHEET C-531DT FOR DETAIL.
- W23. POOL SUPPLY FIXTURE. SEE EXHIBIT FOR DETAILS.
- W24. MECHANICAL EQUIPMENT. SEE MECHANICAL FOR DETAILS.
- W25. FREE STANDING FIRE DEPARTMENT CONNECTION.
- W26. 3" X 3" TEE WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W27. 3" DIP 45° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W28. 3" DIP 11.25° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W29. 3" DIP 22.5° BEND FITTING WITH CONCRETE THRUST BLOCK. SEE SHEET C-530DT FOR DETAIL.
- W30. 3" X 3" CROSS FITTING.
- W31. 10" X 6" TEE. SEE SHEET C-530DT FOR DETAIL.
- W32. 6" BLOWOFF VALVE. SEE SHEET C-531DT FOR DETAIL.
- W33. 6" MJ DIP CLASS 56 RESTRAINED JOINT WATER LINE SUPPLYING SERVICE TO THE IRRIGATION NETWORK. SEE SHEET C-530DT FOR UTILITY TRENCH DETAIL.
- W34. RELOCATED IRRIGATION CONTROLLER, BACKFLOW PREVENTER, AND GATE VALVE INFRASTRUCTURE. REFER TO IRRIGATION FOR FURTHER DETAILS.
- W35. IRRIGATION SUPPLY WATER LINE. REFER TO IRRIGATION FOR FURTHER DETAILS.
- E1. 4-WAY 4" CONDUIT ENCASED LOW VOLTAGE ELECTRIC DUCTBANK. SEE ELECTRICAL FOR DETAILS.
- E2. 8-WAY 4" CONDUIT ENCASED LOW VOLTAGE ELECTRIC DUCTBANK. SEE ELECTRICAL FOR DETAILS.
- E3. SITE ELECTRIC STRUCTURE. SEE ELECTRICAL FOR DETAILS.
- E4. ELECTRICAL CONNECTION TO BUILDING. SEE ELECTRICAL FOR CONTINUATION.
- E5. EMERGENCY GENERATOR. SEE ELECTRICAL FOR DETAILS.
- T1. 2-WAY 4" CONDUIT ENCASED TELECOMMUNICATION DUCTBANK. SEE TELECOMMUNICATION FOR DETAILS.
- T2. TELECOMMUNICATION CONNECTION TO BUILDING. SEE TELECOMMUNICATION FOR CONTINUATION.
- G1. NATURAL GAS SERVICE LINE PROVIDED AND DESIGNED BY OTHERS.
- G2. NATURAL GAS CONNECTION TO PRIMARY AND EMERGENCY GAS METERS AND THEN TO BUILDING AND GENERATOR. GAS METERS ARE TO BE PROVIDED BY OTHERS. REFER TO PLUMBING FOR GAS SERVICES BEYOND TO BUILDING AND GENERATOR.
- G3. NATURAL GAS CONNECTION TO PRIMARY AND EMERGENCY GAS METERS AND THEN TO BUILDING AND GENERATOR. GAS METERS ARE TO BE PROVIDED BY OTHERS. REFER TO PLUMBING FOR GAS SERVICES BEYOND TO BUILDING AND GENERATOR.
- M1. HVAC WATER LINES. SEE MECHANICAL FOR INFORMATION.

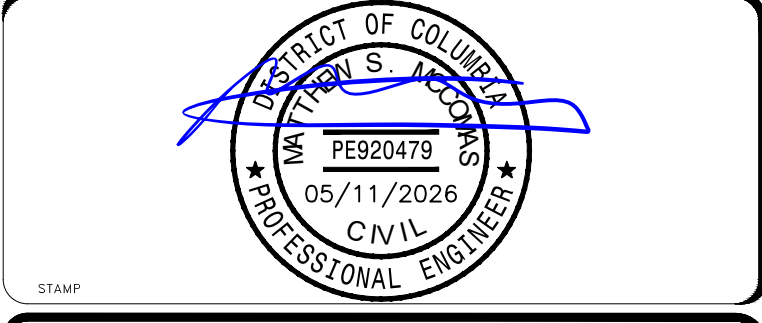
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UTILITY KEYNOTE	[Symbol]
LIMITS OF DISTURBANCE	LOD
NEW STORM SEWER LINE	[Symbol]
NEW CONTAMINATED SEWER LINE	[Symbol]
NEW SANITARY SEWER LINE	SS
NEW WATER LINE	W
NEW HEATING HOT WATER RETURN (HHWR)	HHWR
NEW CHILLED WATER RETURN (CHWR)	CHWR
NEW STORM SEWER MANHOLE	[Symbol]
NEW CONTAMINATED SEWER MANHOLE	[Symbol]
NEW CONTAMINATED SEWER CLEANOUT	[Symbol]
NEW CONTAMINATED SEWER AREA DRAIN	[Symbol]
NEW SANITARY SEWER MANHOLE	[Symbol]

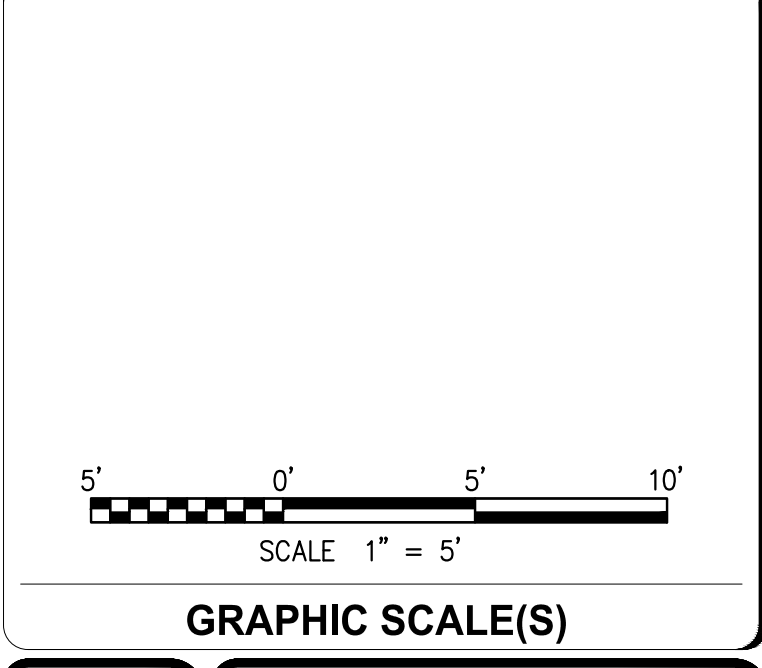
ALF

**CONSTRUCT
ARABIAN LEOPARD
FACILITY**

ISSUED FOR BID



KEY PLAN



DATE: 04/02/2026	SUBMISSION: ISSUED FOR BID
PROJECT # / DATE: 1 / 5/1/2026	PHASE DESCRIPTION: PHASE 1: ADDENDUM 1

**Smithsonian
Institution**

Smithsonian OPDC
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

BUILDING NAME: ARABIAN LEOPARD FACILITY (ALF)	ADDRESS: 3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE: CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)	SPIC PROJECT NUMBER: 2533105
DATE PROJECT NUMBER: 00100084	DATE PROJECT NUMBER: 00100084

DRAWING TITLE: UTILITY PLAN
DESIGNED BY: ST DRAWN BY: KK CHECKED BY: SM

SHEET NO. **C 164 UP**
11 OF 35

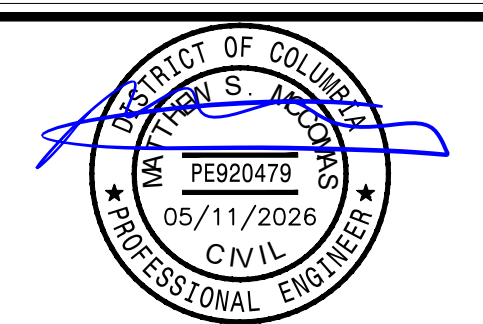
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XX-XXXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT

1 UTILITY PLAN
SCALE = 1" = 5'

ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

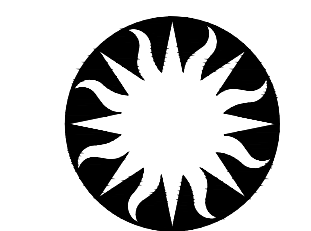
ISSUED FOR BID



KEY PLAN

GRAPHIC SCALE(S)

DATE	04/02/2026	SUBMISSION	ISSUED FOR BID
VERSION #	1	REVISION DESCRIPTION	PHASE 1: ADDENDUM 1



Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W., Suite 5001
Washington, DC 20024-2520

BUILDING NAME: ARABIAN LEOPARD FACILITY (ALF)
ADDRESS: 3001 Connecticut Avenue NW, Washington, DC 20008

PROJECT TITLE: CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER: 2533105
ALF PROJECT NUMBER: 00100084

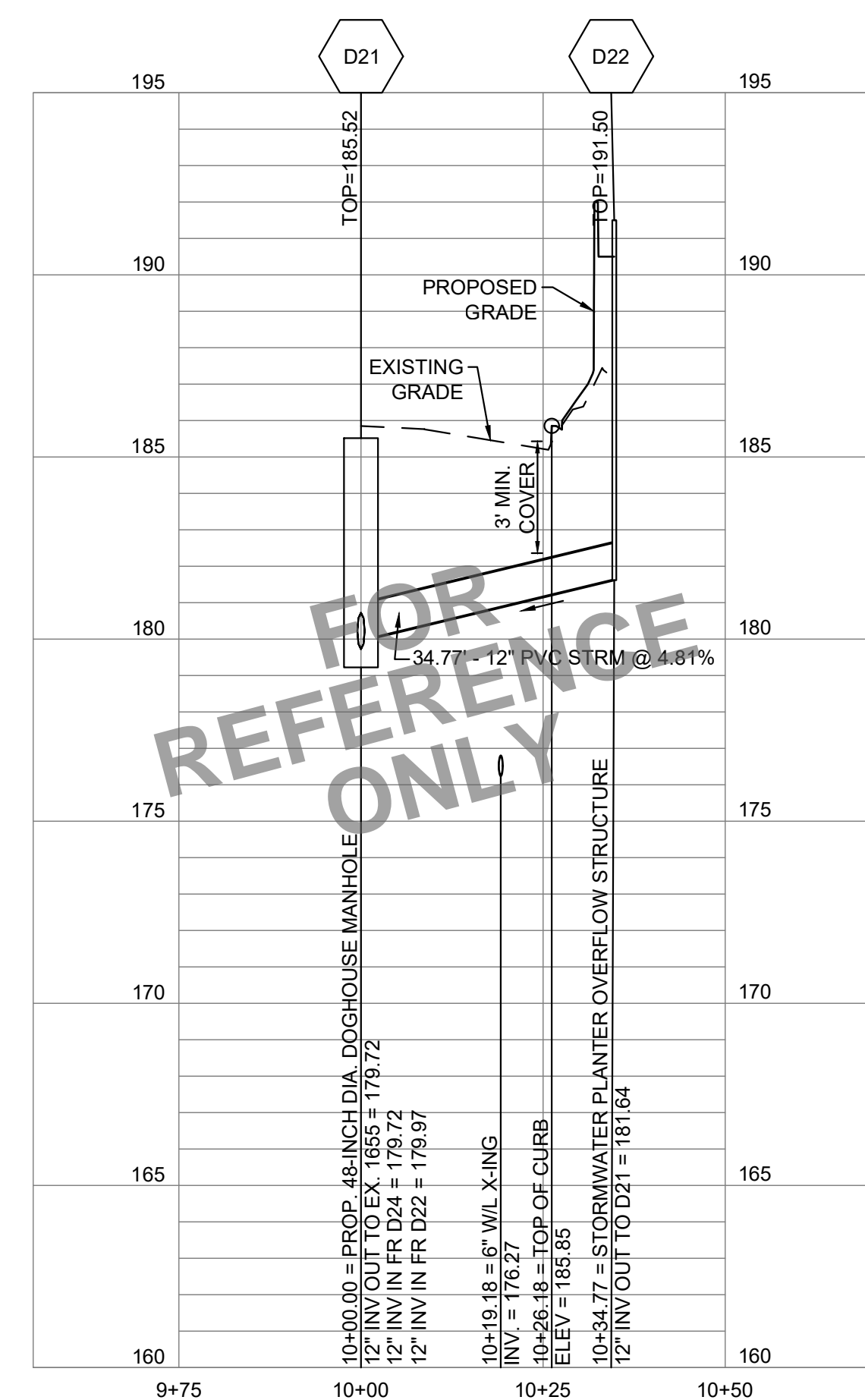
DRAWING TITLE		
STORM PROFILES		
DESIGNED BY	DRAWN BY	CHECKED BY
ST	KK	SM

SHEET NO. C 200 UP
12 OF 35

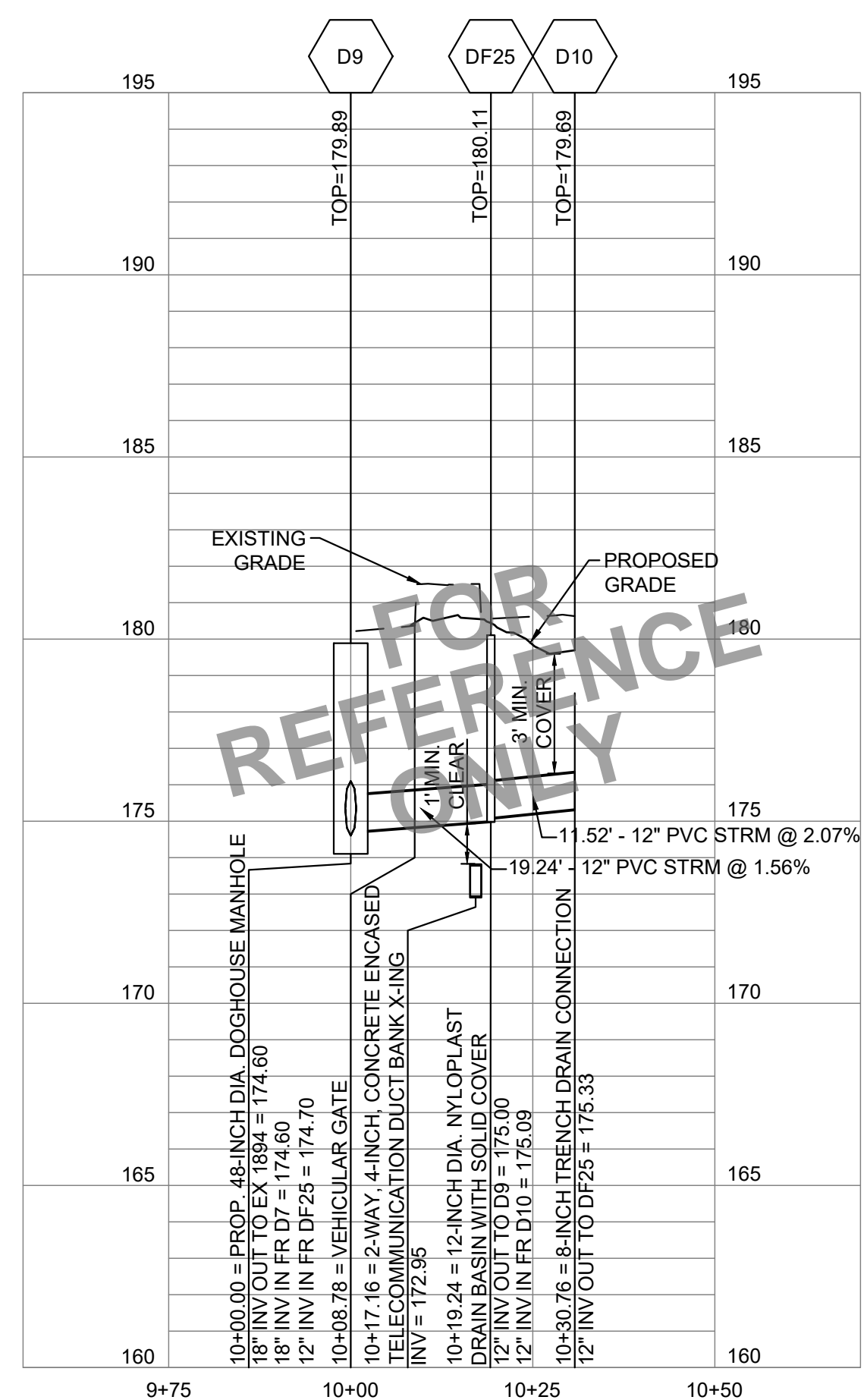
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TEST PITS ARE REQUIRED AT ALL LOCATION(S) WHERE PROPOSED UTILITIES CROSS EXISTING UTILITIES. INVESTIGATION(S) TO IDENTIFY HORIZONTAL LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES. THE OWNER IS TO BE NOTIFIED OF THIS INFORMATION.

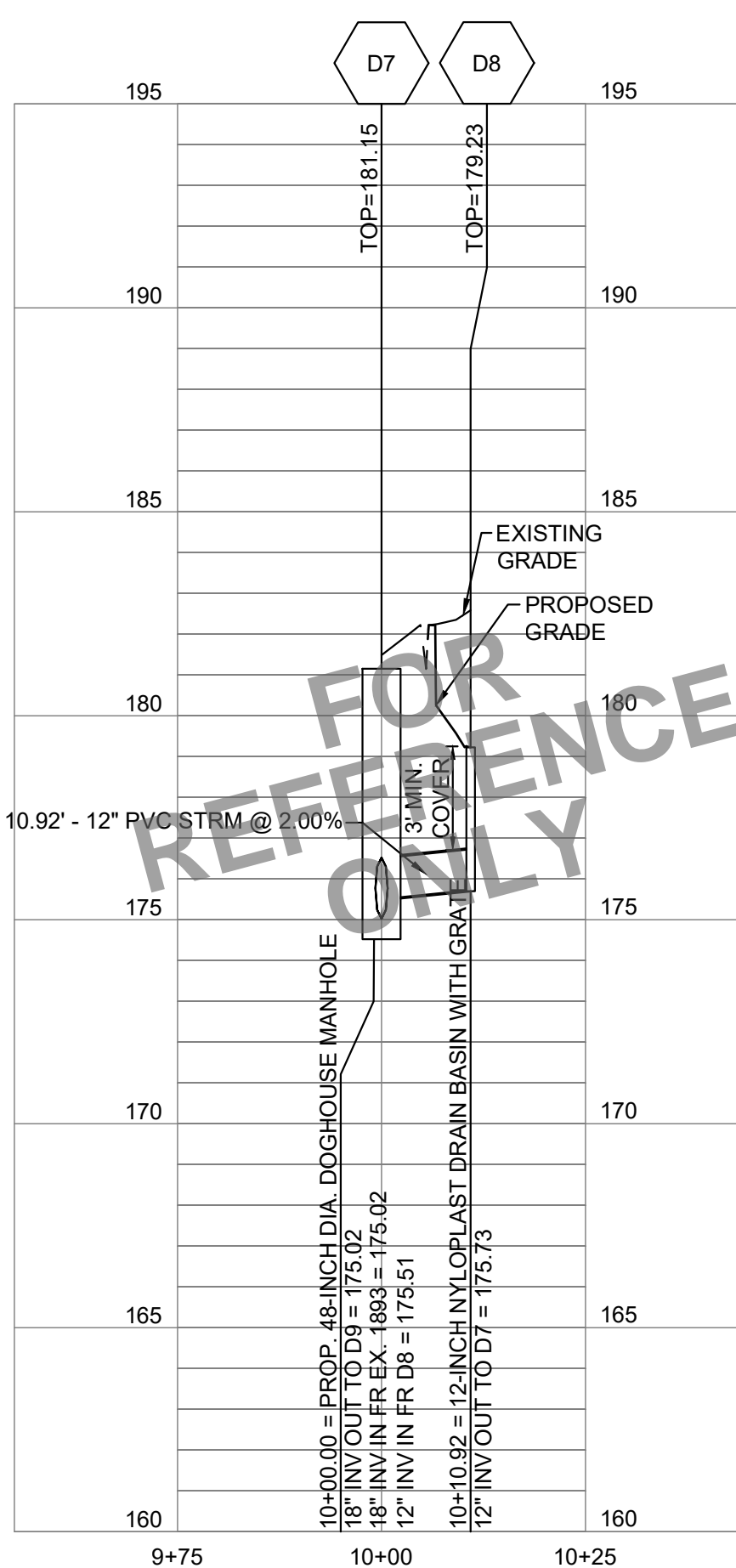
GENERAL NOTE:
REFER TO EXHIBIT FOR HABITAT ROCK GRADE.



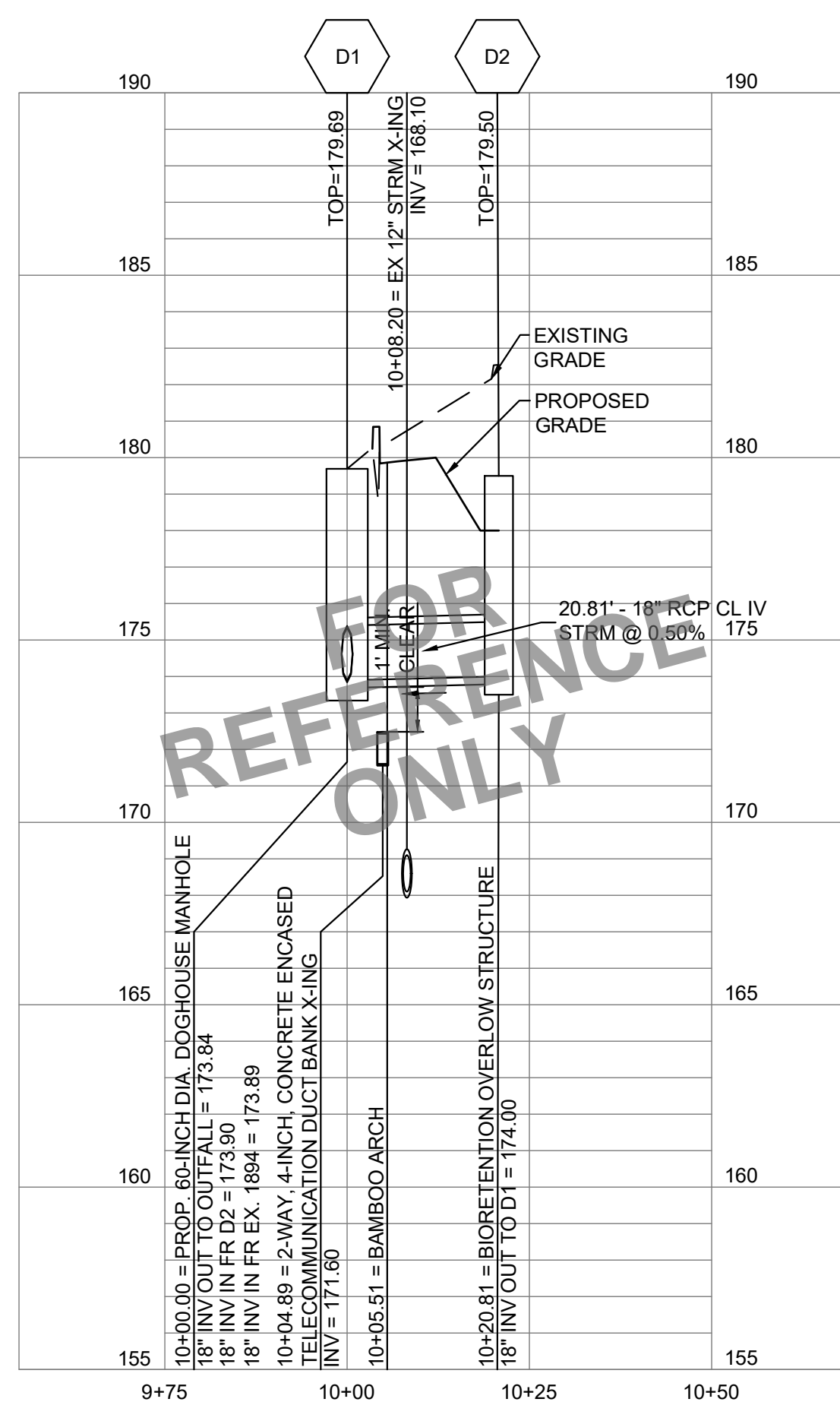
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SCALE: VERT 1" = 4'



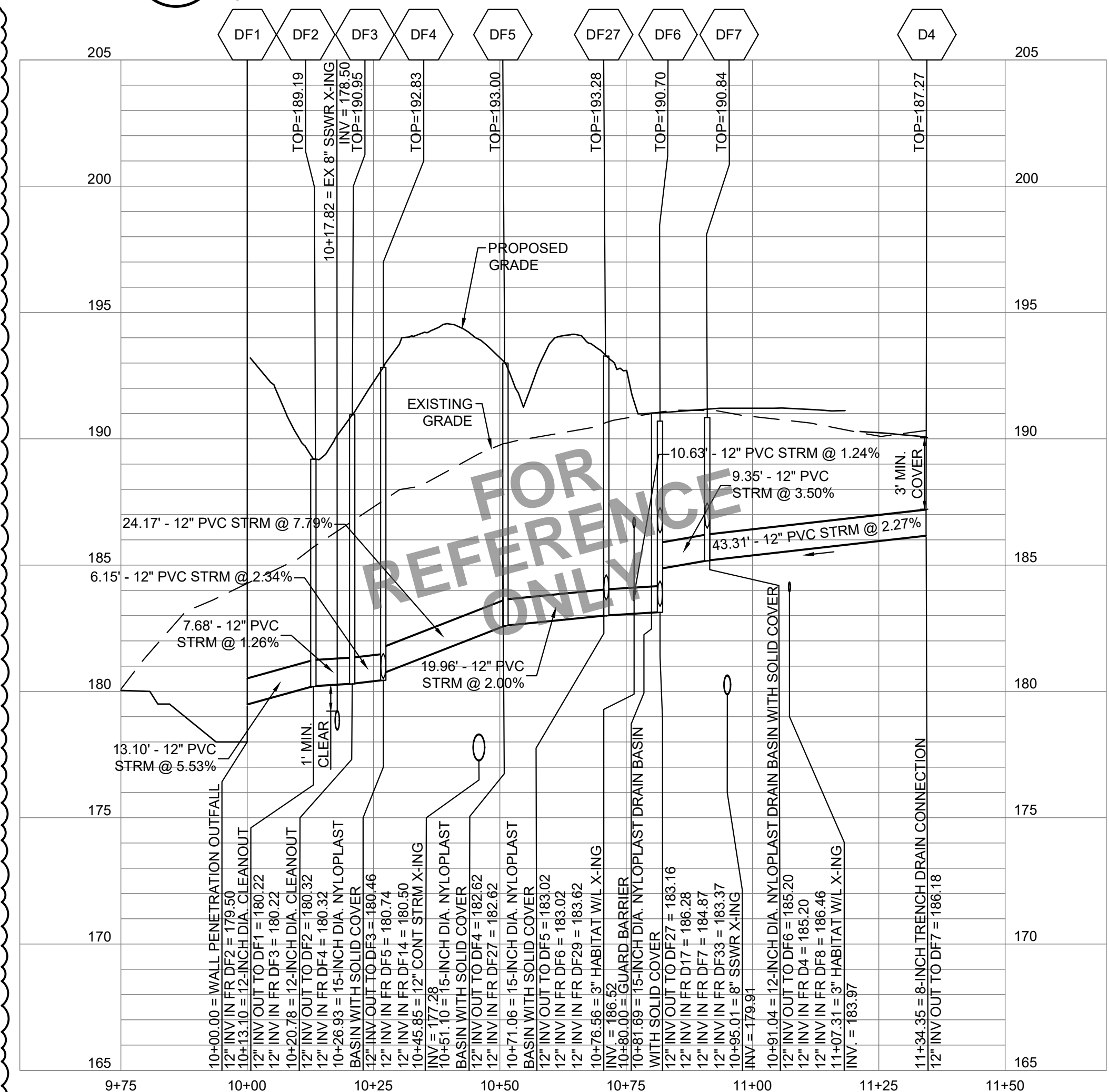
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SCALE: VERT 1" = 4'



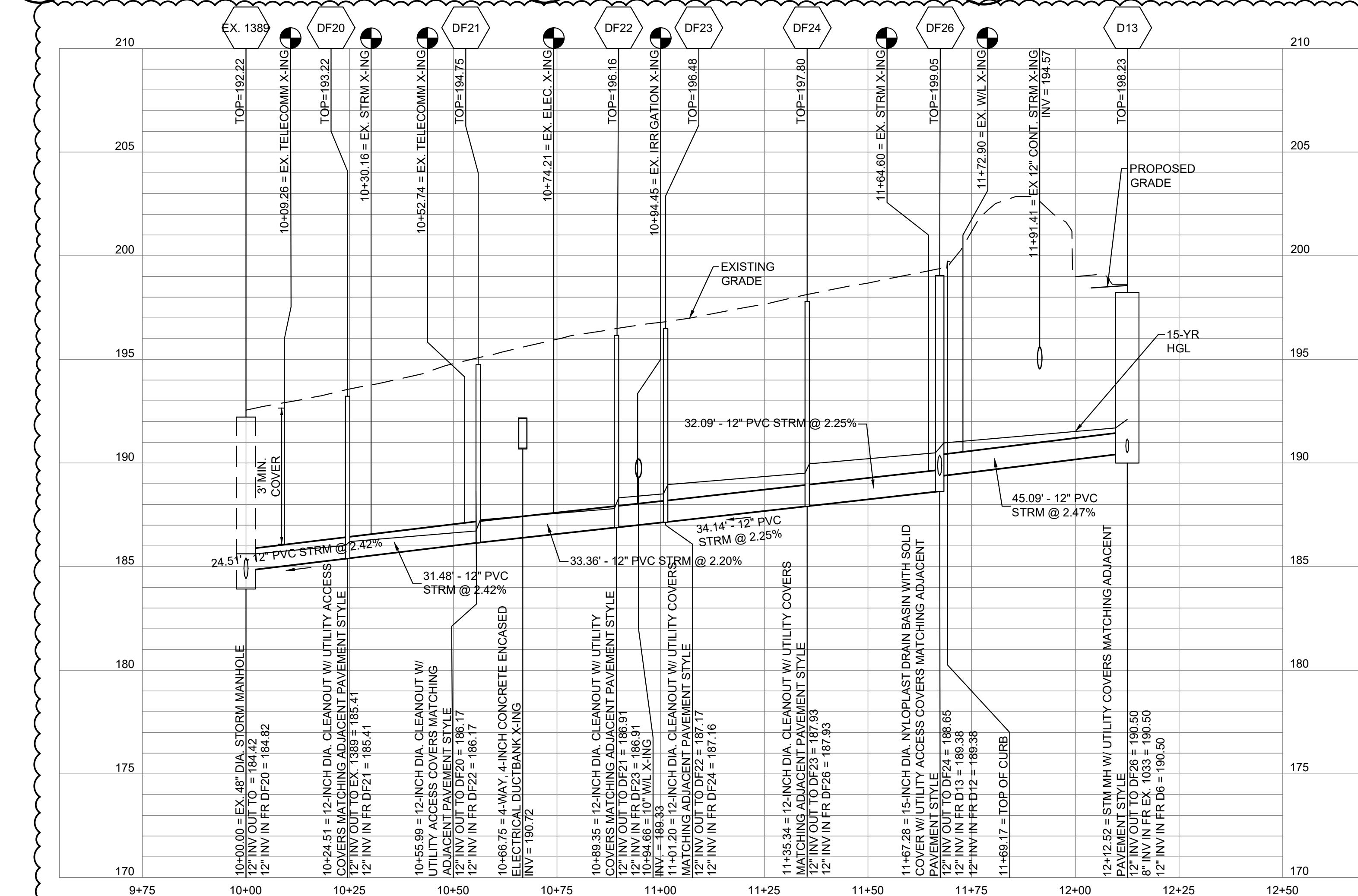
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SCALE: VERT 1" = 4'



1 D1 TO D2:
PROFILE: STA 10+00 TO 10+20.81
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PROFILE: STA 10+00 TO 11+34.35
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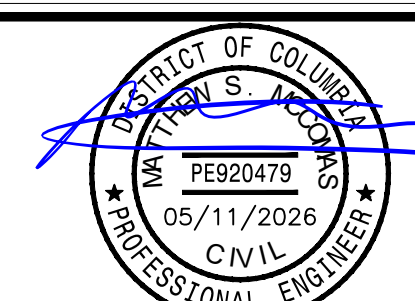


5 D11 TO D13:
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ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

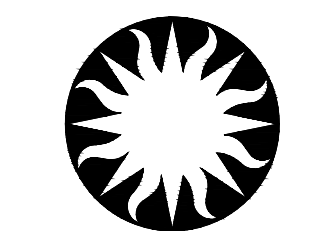
ISSUED FOR BID



KEY PLAN

GRAPHIC SCALE(S)

DATE	04/02/2026	SUBMISSION	ISSUED FOR BID
VERSION #	1	REVISION DESCRIPTION	PHASE 1: ADDENDUM 1



Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W., Suite 5001
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BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)
ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER	2533105
ALF PROJECT NUMBER	00100084

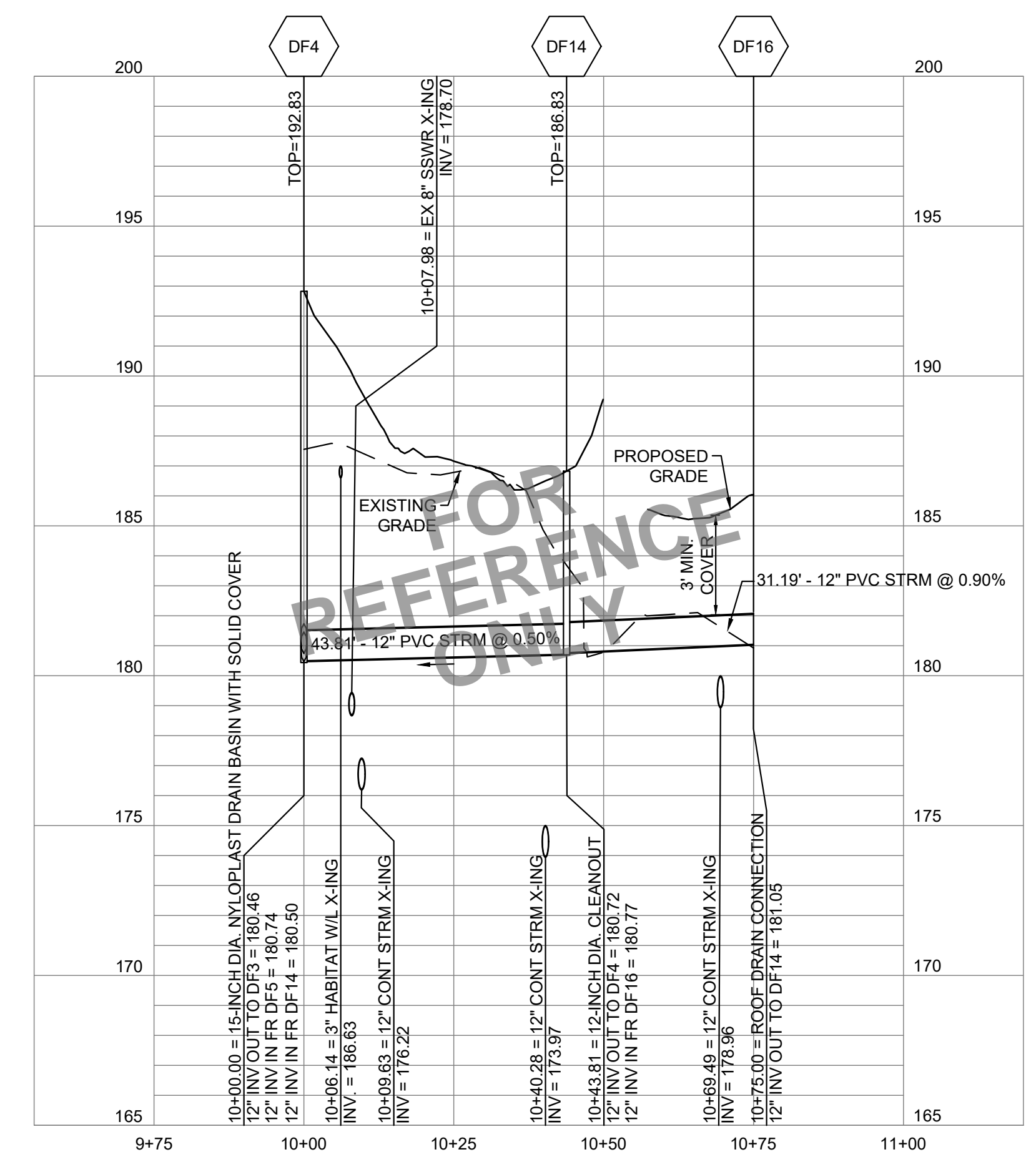
STORM PROFILES

DESIGNED BY	ST	KK	SM
DRAWN BY			
CHECKED BY			

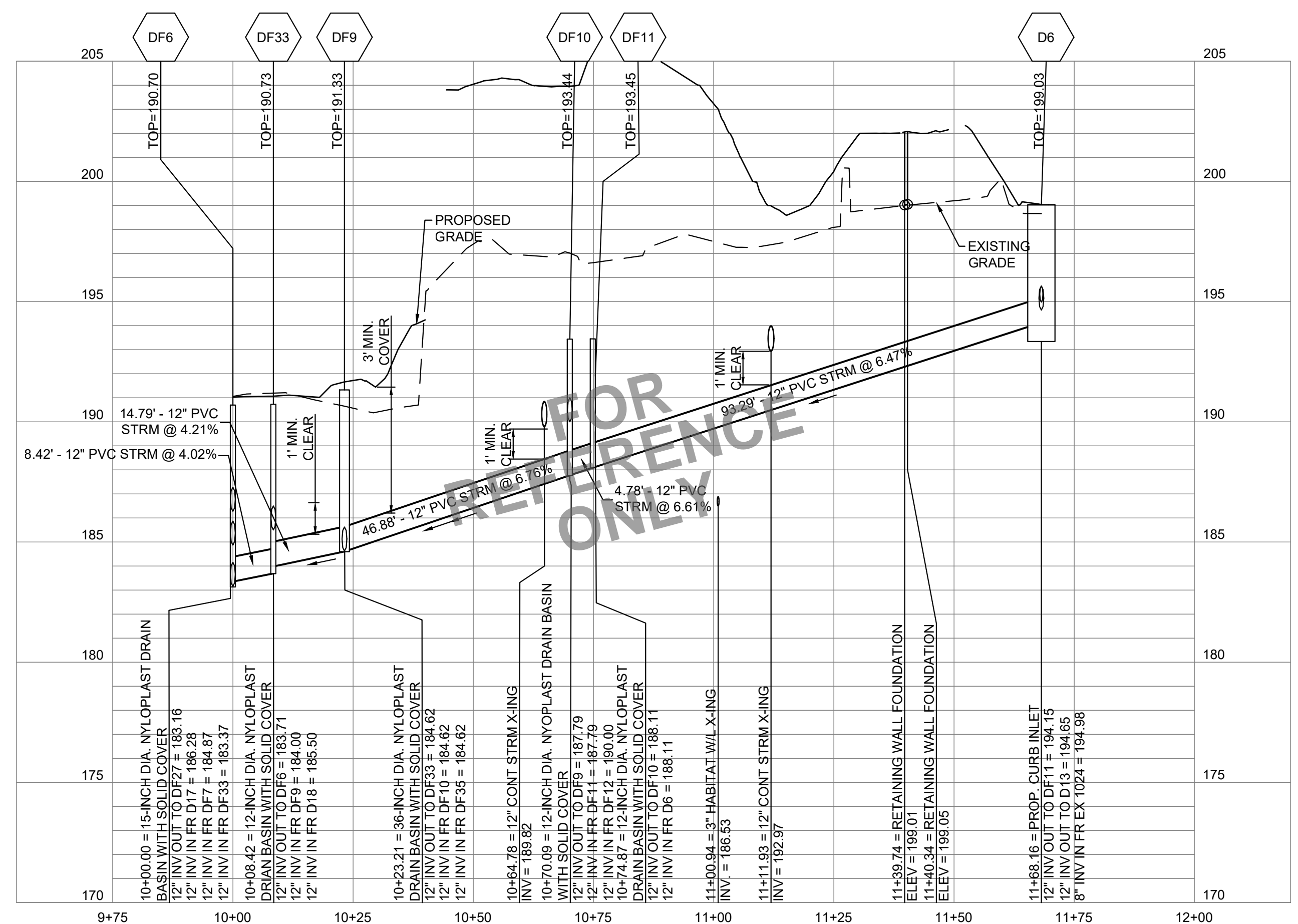
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13 OF 35

TEST PITS ARE REQUIRED AT ALL LOCATION(S) WHERE PROPOSED UTILITIES CROSS EXISTING UTILITIES. INVESTIGATION(S) TO IDENTIFY HORIZONTAL LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES. THE OWNER IS TO BE NOTIFIED OF THIS INFORMATION.

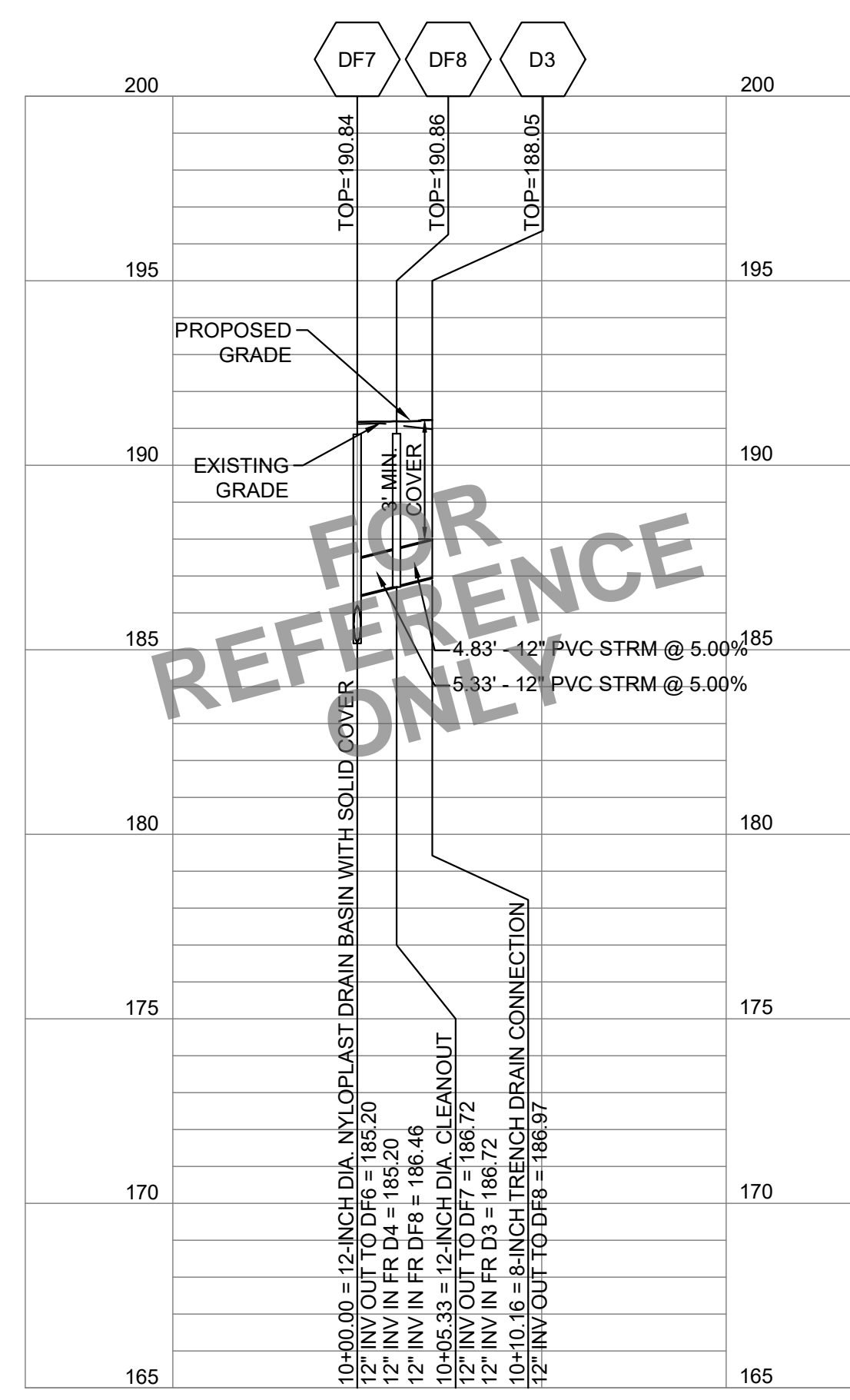
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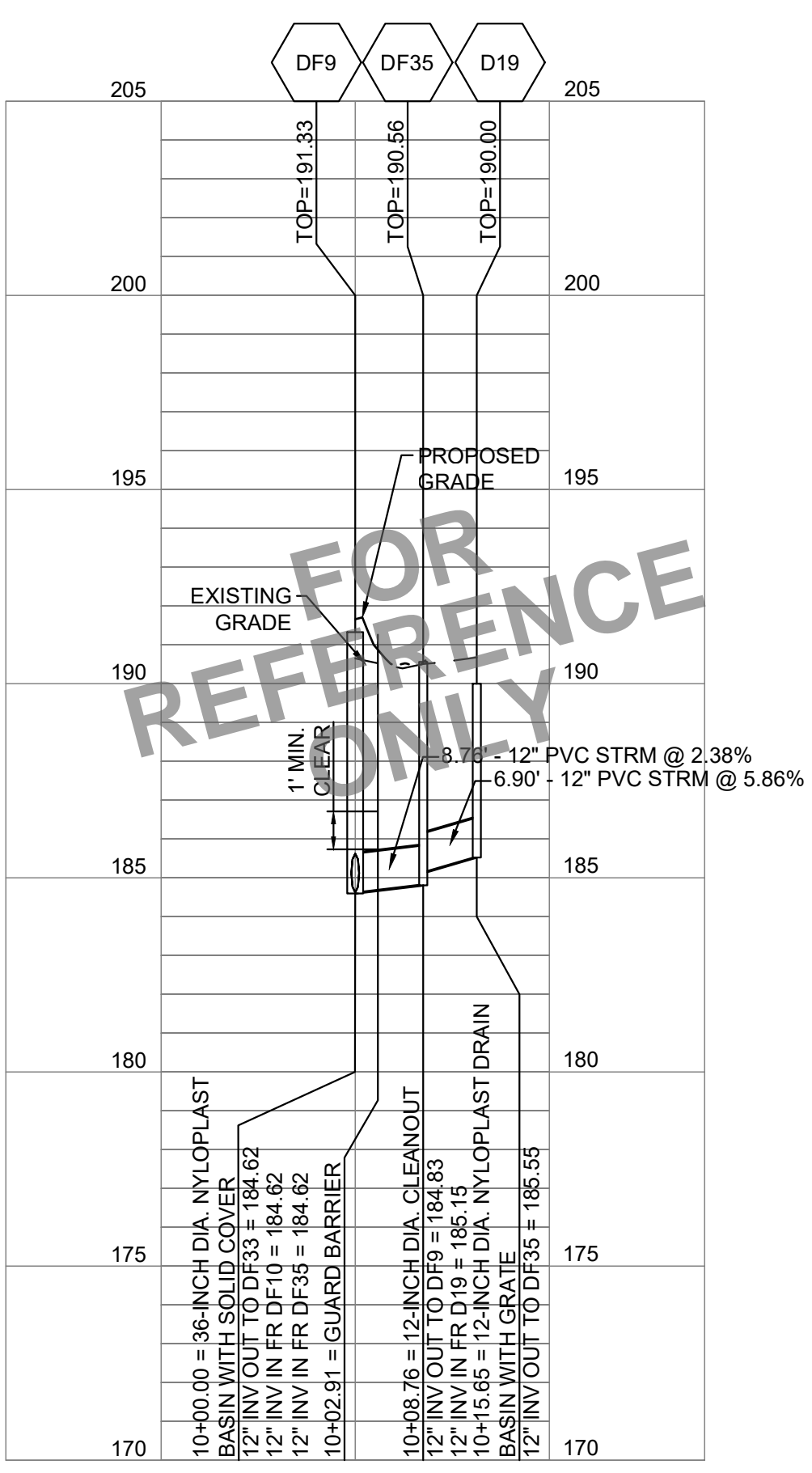
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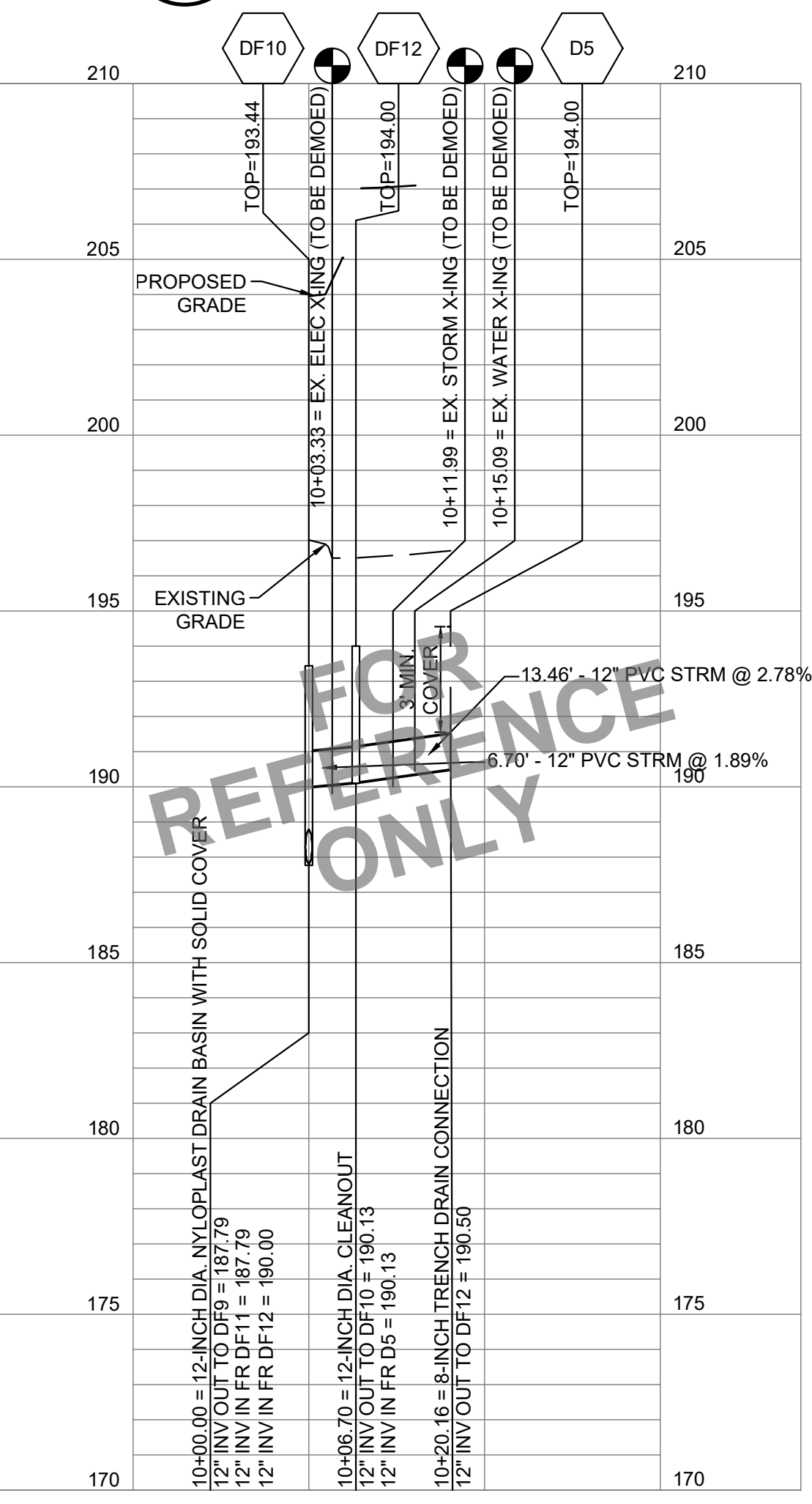
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SCALE: VERT 1" = 4'



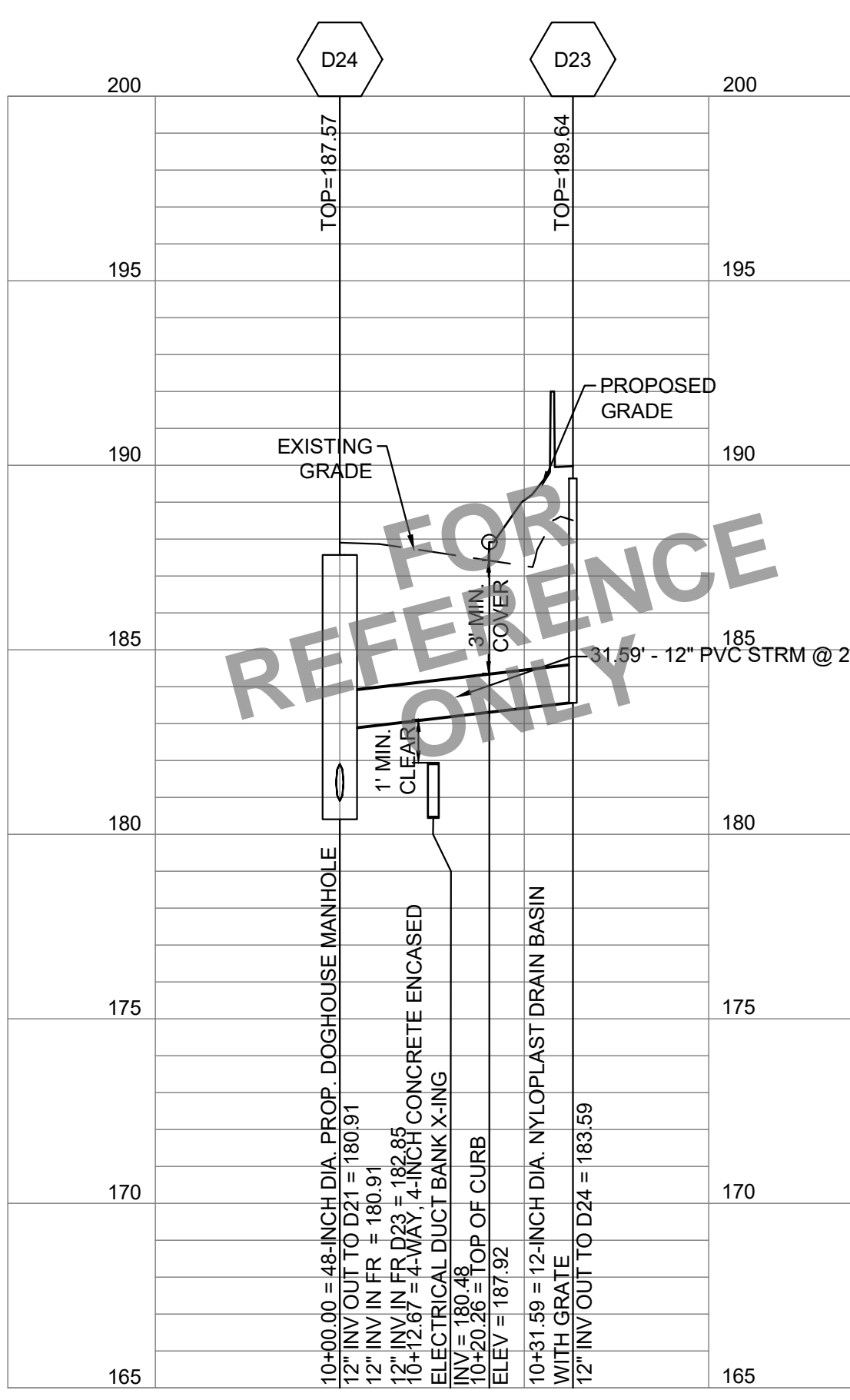
3 DF7 TO D3:
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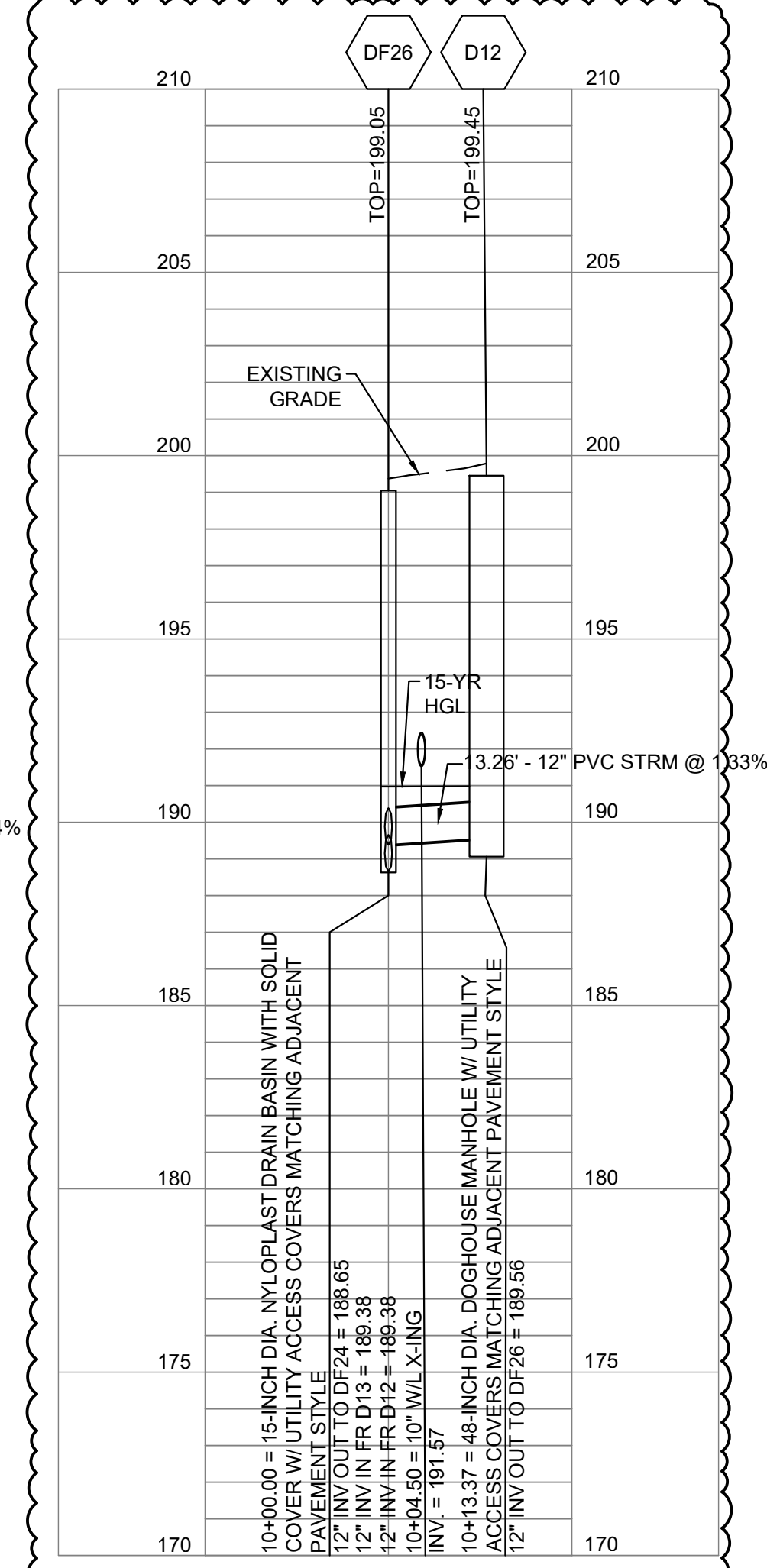
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SCALE: HORIZ 1" = 20'
SCALE: VERT 1" = 4'



5 DF10 TO D5:
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SCALE: VERT 1" = 4'

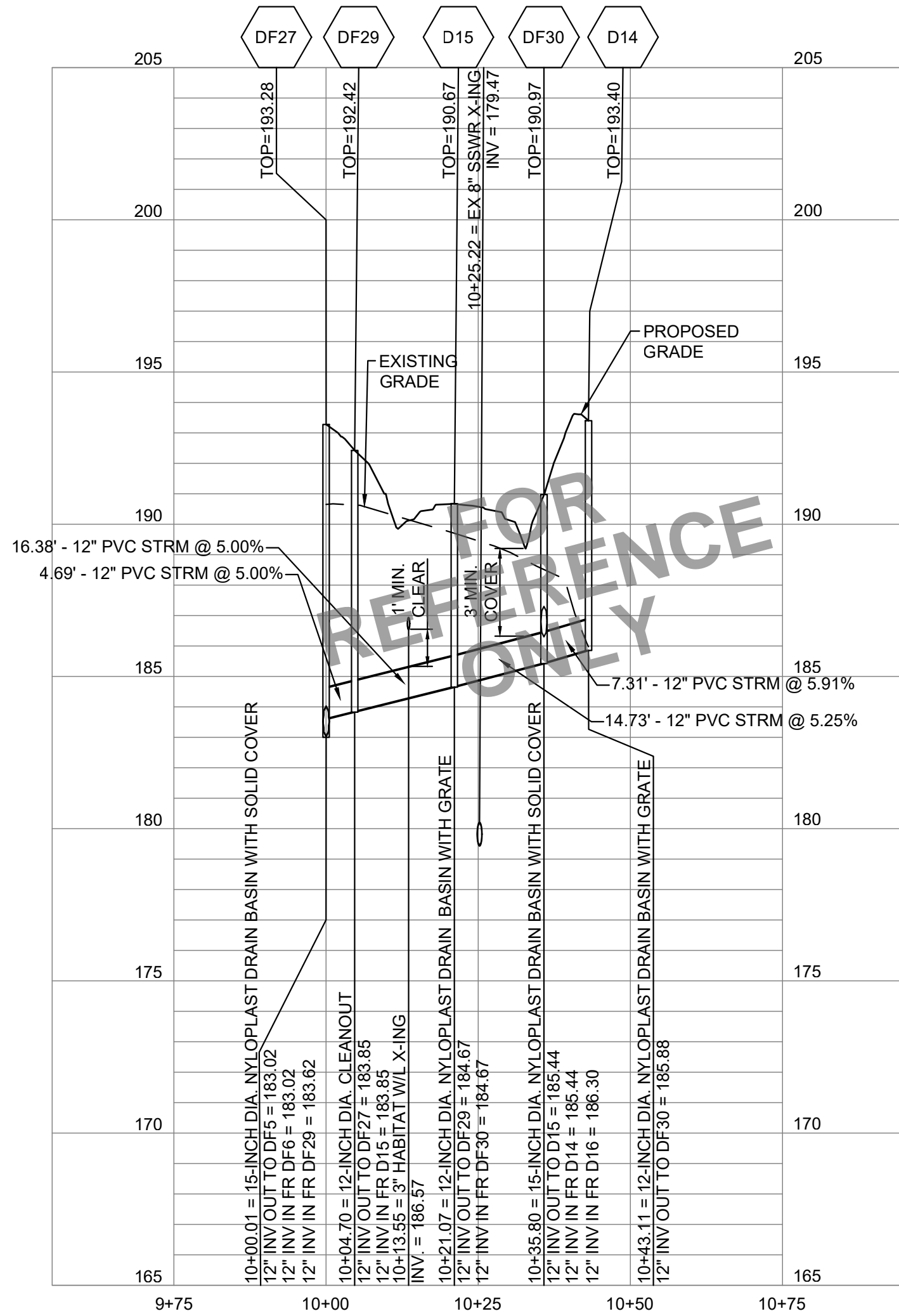


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SCALE: VERT 1" = 4'

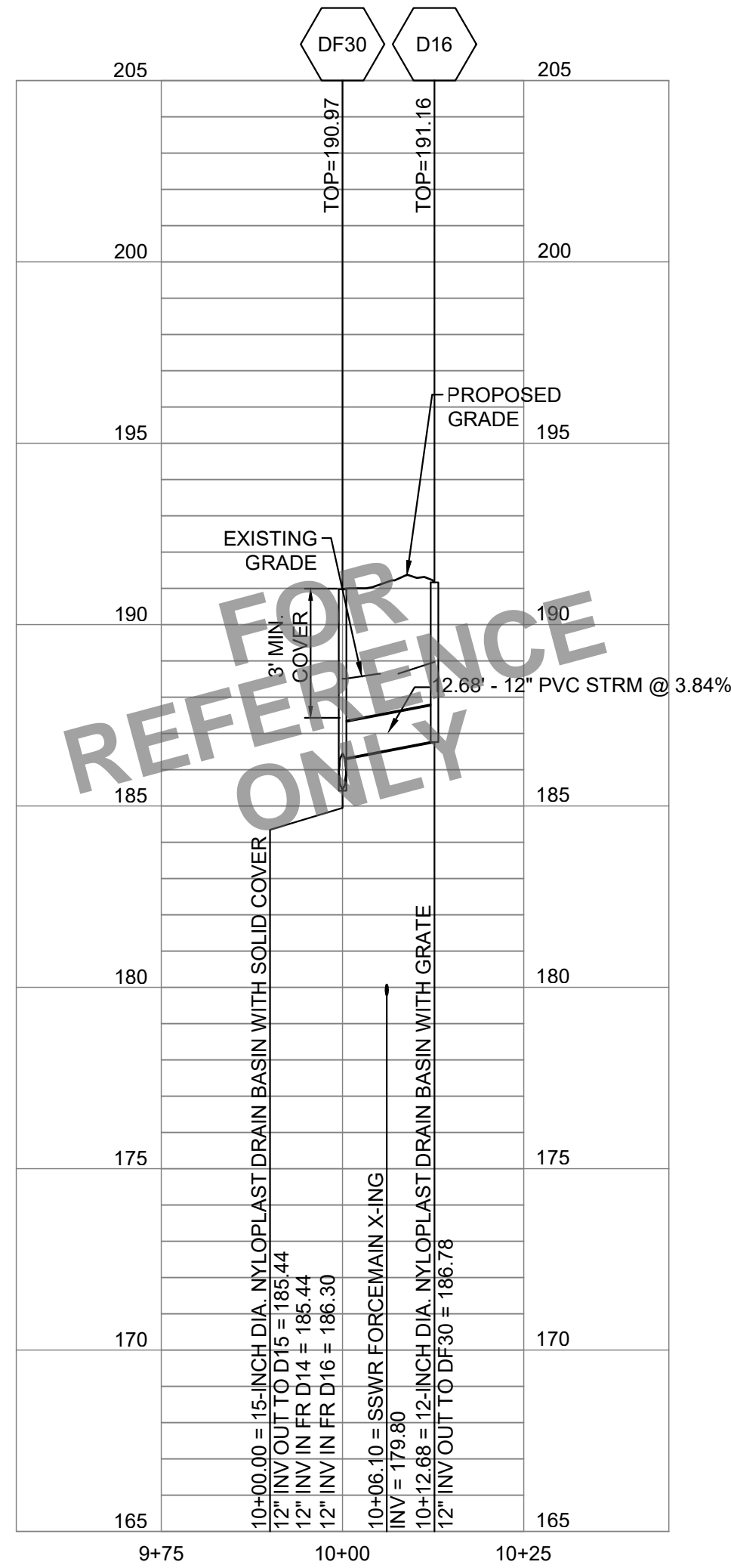


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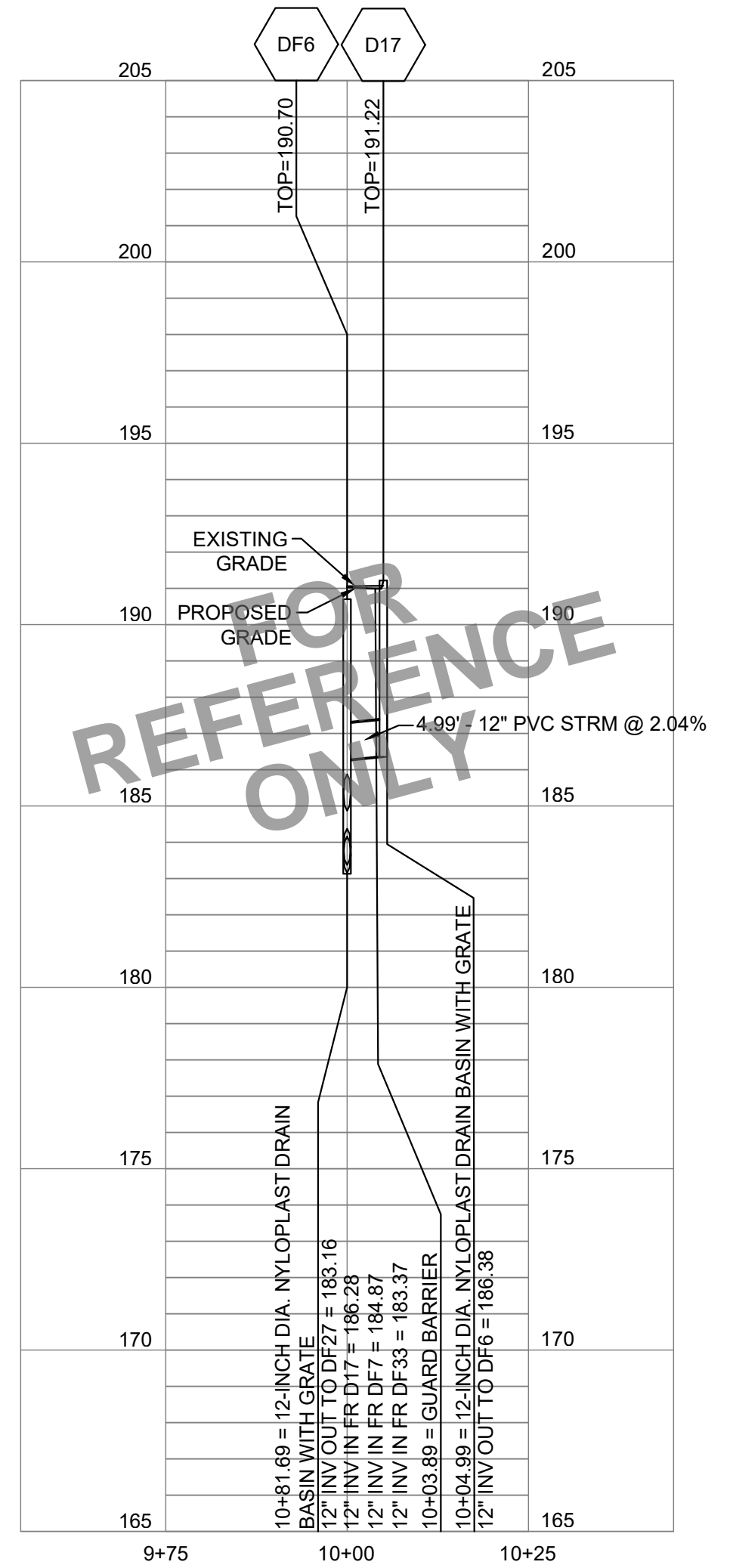
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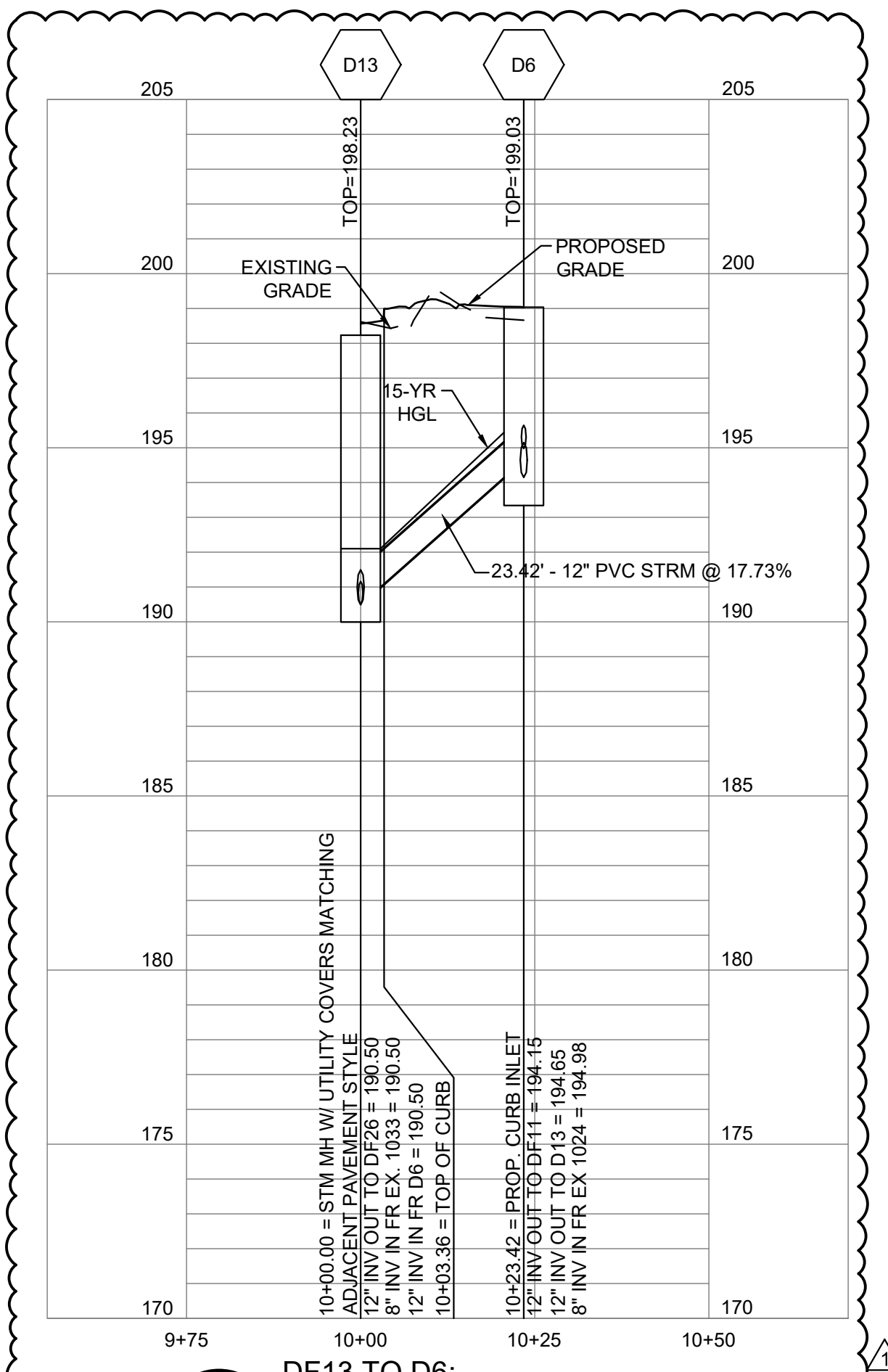
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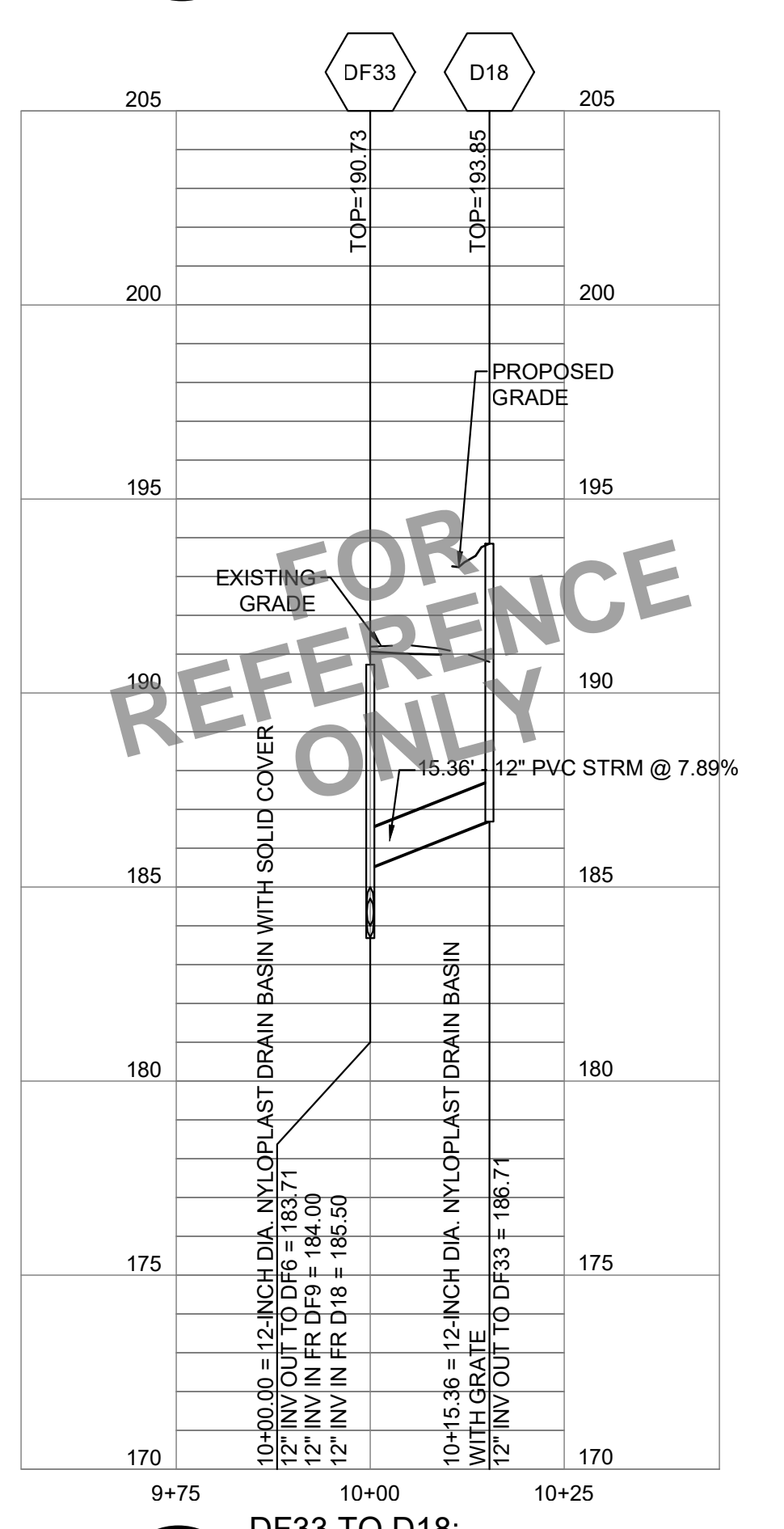
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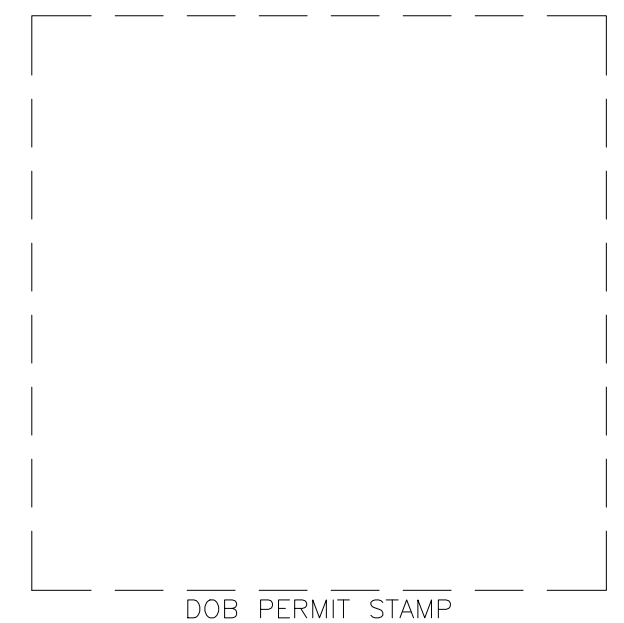
3 DF32 TO D17:
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 C-202UP SCALE: HORIZ 1" = 20'
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4 DF13 TO D6:
 PROFILE: STA 10+00 TO 10+23.42
 C-202UP SCALE: HORIZ 1" = 20'
 SCALE: VERT 1" = 4'



5 DF33 TO D18:
 PROFILE: STA 10+00 TO 10+15.36
 C-202UP SCALE: HORIZ 1" = 20'
 SCALE: VERT 1" = 4'



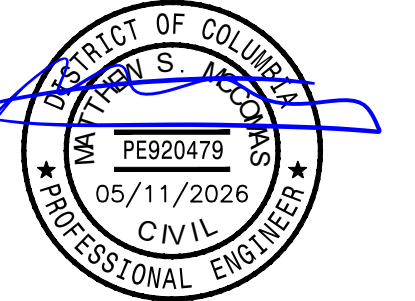
TEST PITS ARE REQUIRED AT ALL LOCATION(S) WHERE PROPOSED UTILITIES CROSS EXISTING UTILITIES. INVESTIGATION(S) TO IDENTIFY HORIZONTAL LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES. THE OWNER IS TO BE NOTIFIED OF THIS INFORMATION.

GENERAL NOTE:
 REFER TO EXHIBIT FOR HABITAT ROCK GRADE.

ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

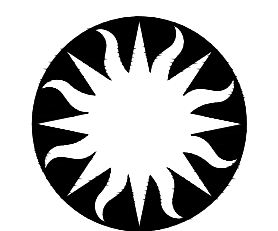
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KEY PLAN

GRAPHIC SCALE(S)

DATE 04/02/2026	SUBMISSION ISSUED FOR BID
REVISION # DATE 1 5/11/26	REVISION DESCRIPTION PHASE 1: ADDENDUM 1



Smithsonian Institution

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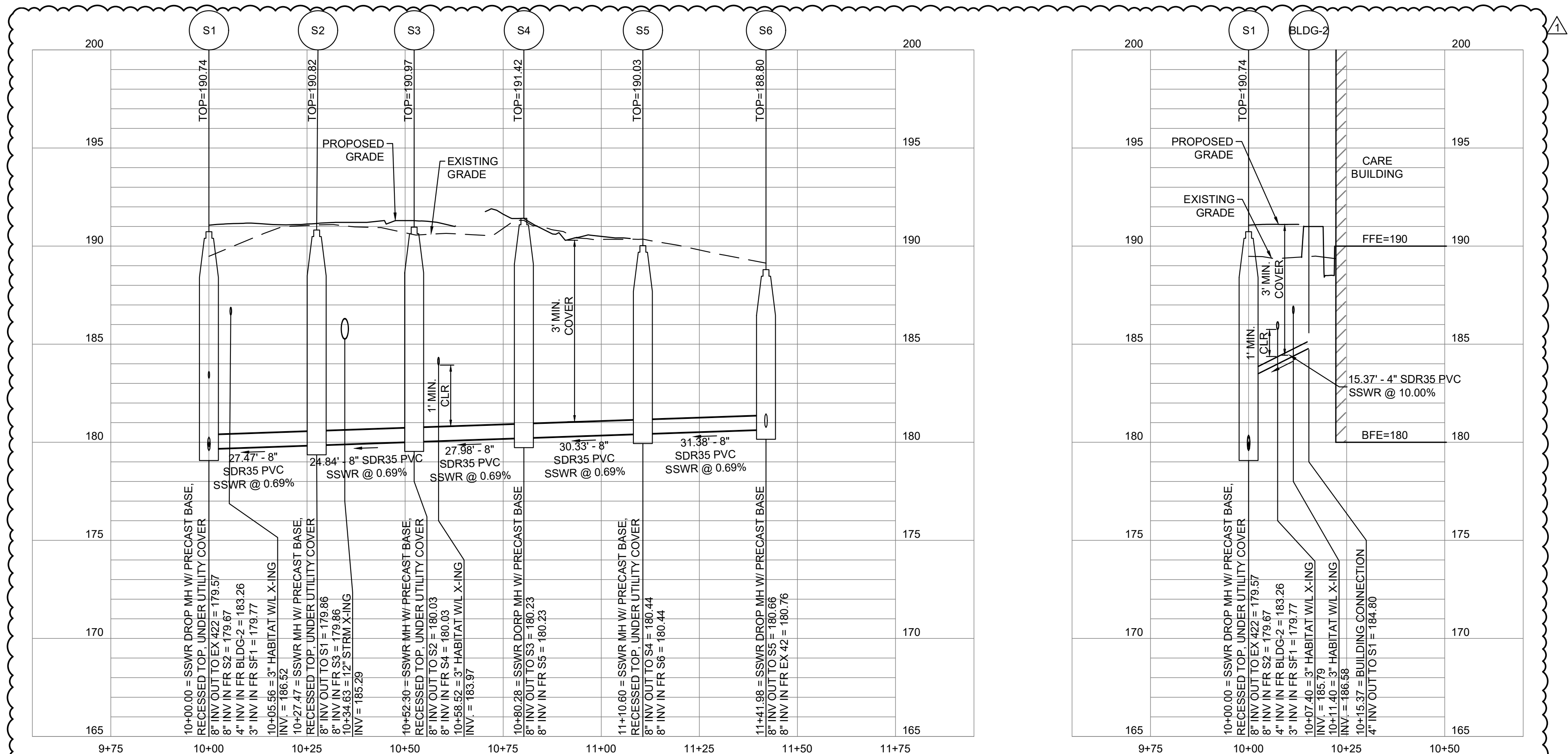
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 ADDRESS: 3001 Connecticut Avenue NW
 Washington, DC 20008

PROJECT TITLE: CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
 OPDC PROJECT NUMBER: 2533105
 A/E PROJECT NUMBER: 00100084

STORM PROFILES		
DESIGNED BY	DRAWN BY	CHECKED BY
ST	KK	SM

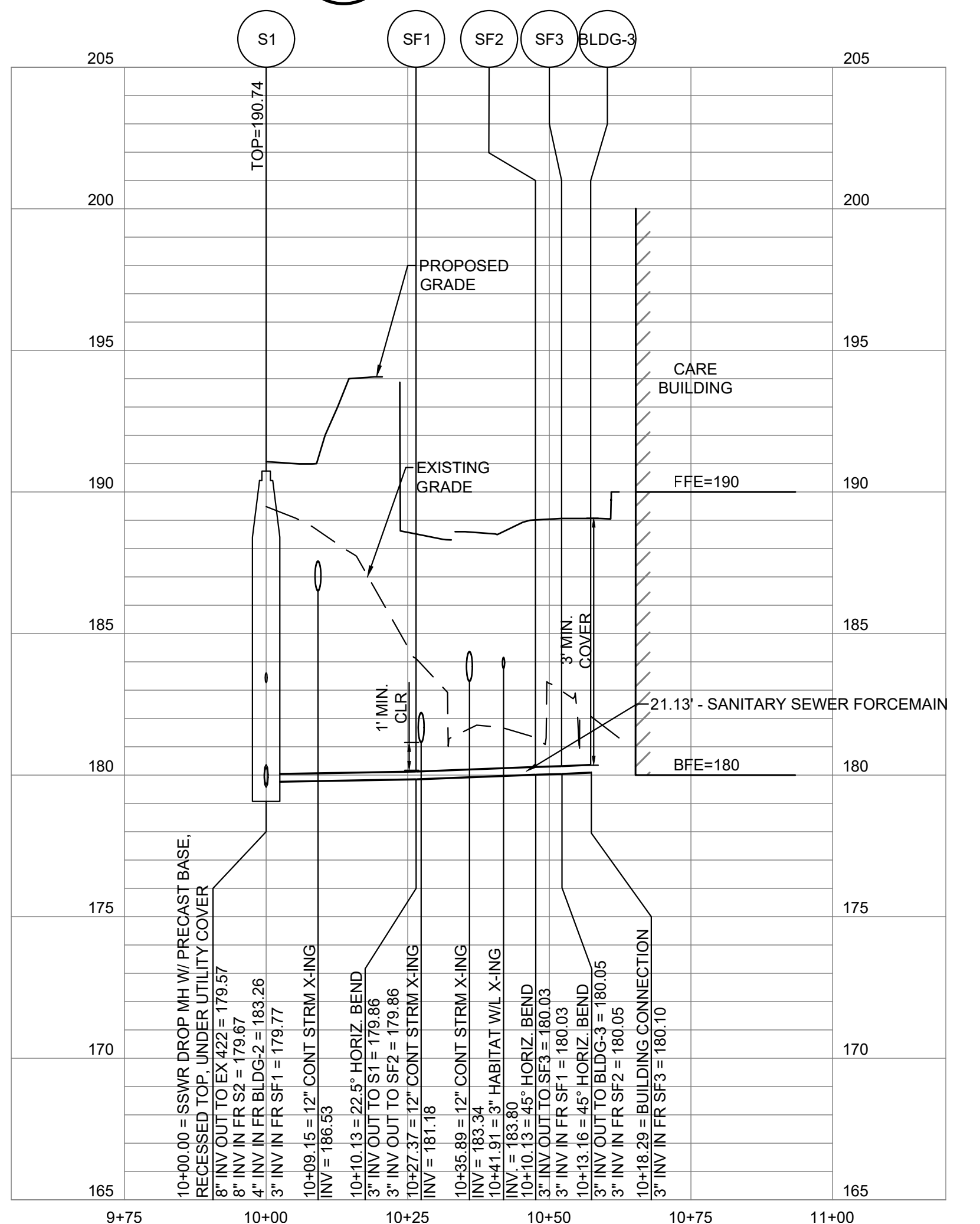
SHEET NO. **C 202 UP**
 14 OF 35

3/12/2026 11:18:19 AM
 XXXXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT



1 S1 TO S6
 PROFILE: STA 10+00 TO 11+41.98
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 SCALE: VERT 1" = 4'

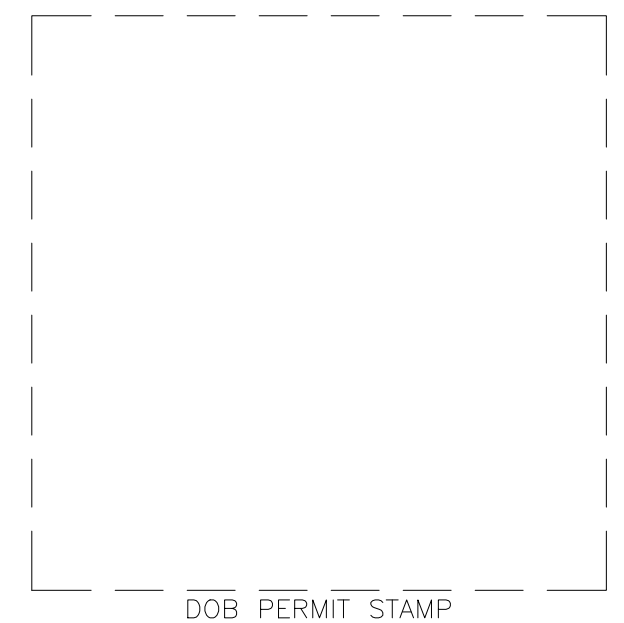
2 S1 TO BUILDING:
 PROFILE: STA 10+00 TO 10+15.37
 C-205UP SCALE: HORIZ 1" = 20'
 SCALE: VERT 1" = 4'



3 FORCE MAIN: S1 TO BUILDING:
 PROFILE: STA 10+00 TO 10+18.29
 C-205UP SCALE: HORIZ 1" = 20'
 SCALE: VERT 1" = 4'

NOTE: SIZE AND MATERIAL OF
 SANITARY FORCE MAIN PIPES ARE
 DEFERRED TO PLUMBING.

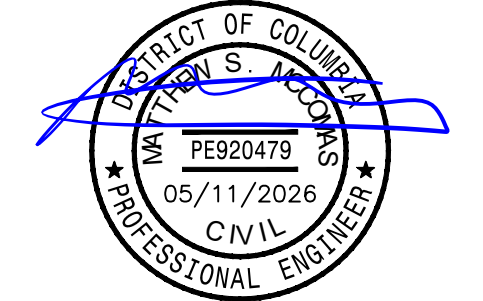
GENERAL NOTE:
 REFER TO EXHIBIT FOR HABITAT
 ROCK GRADE.



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 ARABIAN LEOPARD
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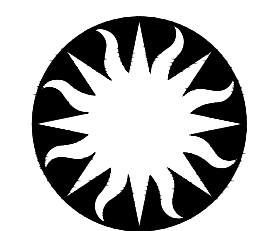
ISSUED FOR BID



KEY PLAN

GRAPHIC SCALE(S)

DATE 04/02/2026	SUBMISSION ISSUED FOR BID
PROJ. # DATE 1 5/11/26	REVISION DESCRIPTION PHASE 1: ADDENDUM 1



**Smithsonian
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 Washington, DC 20024-2520

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 ADDRESS: **3001 Connecticut Avenue NW
 Washington, DC 20008**

PROJECT TITLE: **CONSTRUCT ARABIAN LEOPARD
 FACILITY (ALF)**
 OPDC PROJECT NUMBER: **2533105**
 A/E PROJECT NUMBER: **00100084**

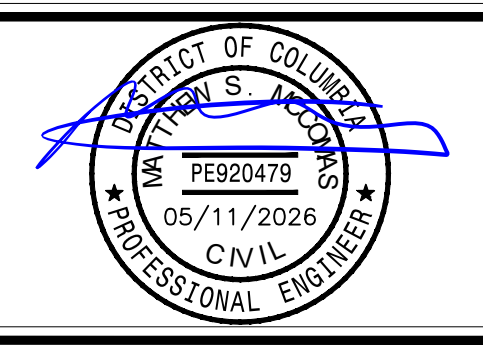
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DESIGNED BY: ST	DRAWN BY: KK	CHECKED BY: SM

SHEET NO. **C 205 UP**
 15 OF 35

ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

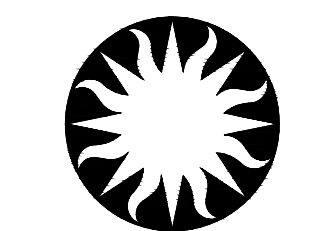
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DATE 04/02/2026	REVISION ISSUED FOR BID
REVISION # DATE 1 5/11/26	REVISION DESCRIPTION PHASE 1: ADDENDUM 1



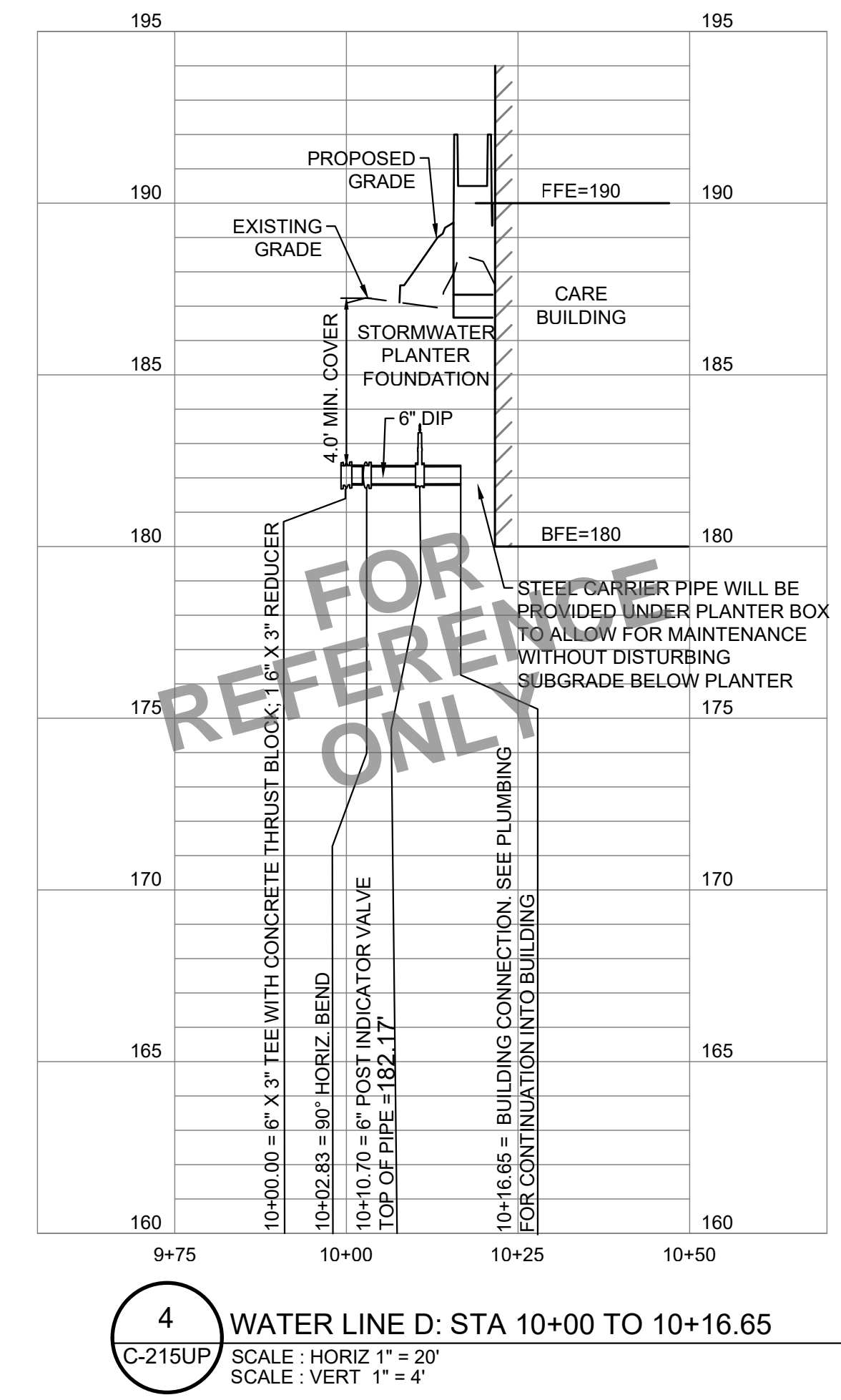
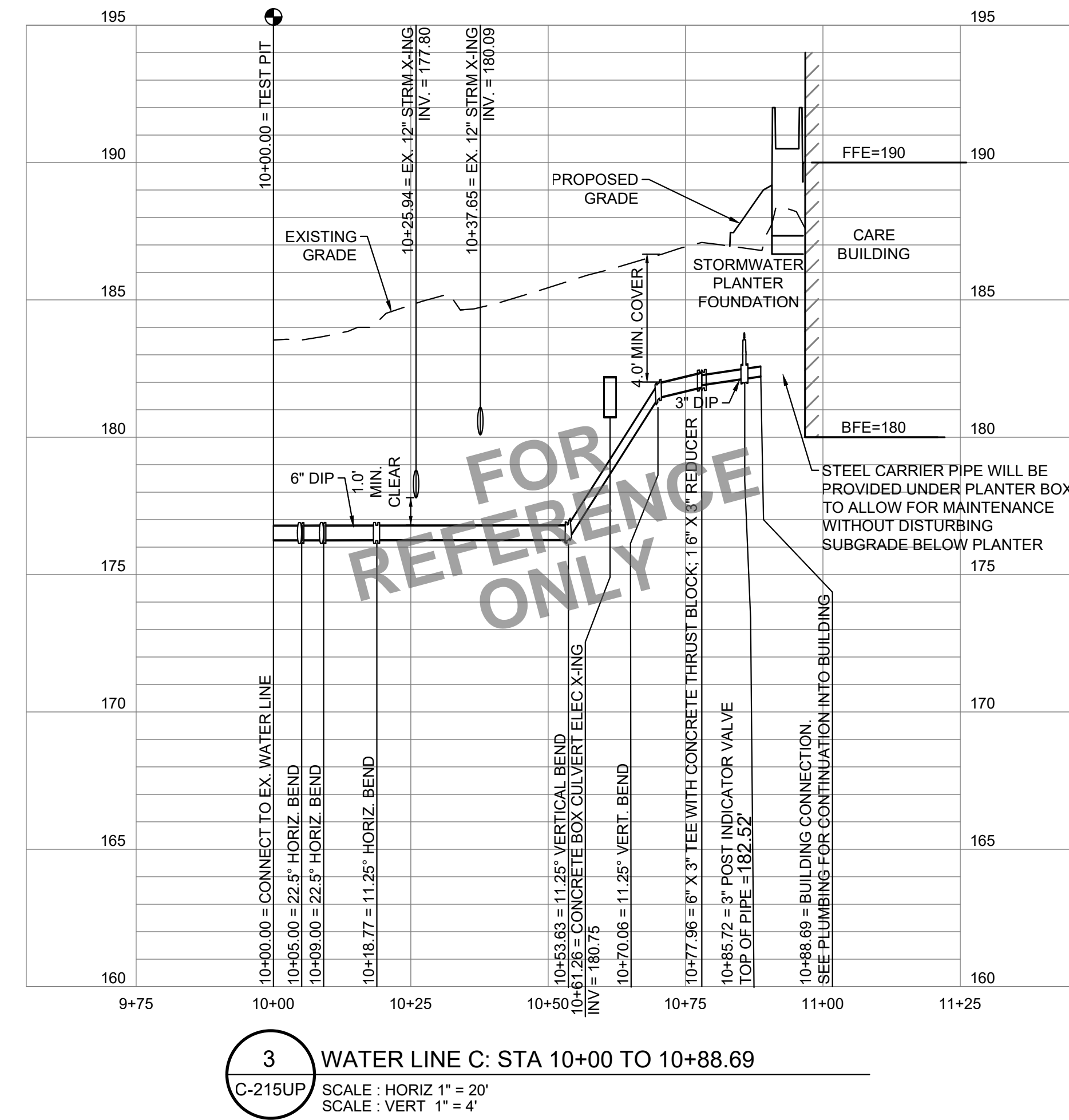
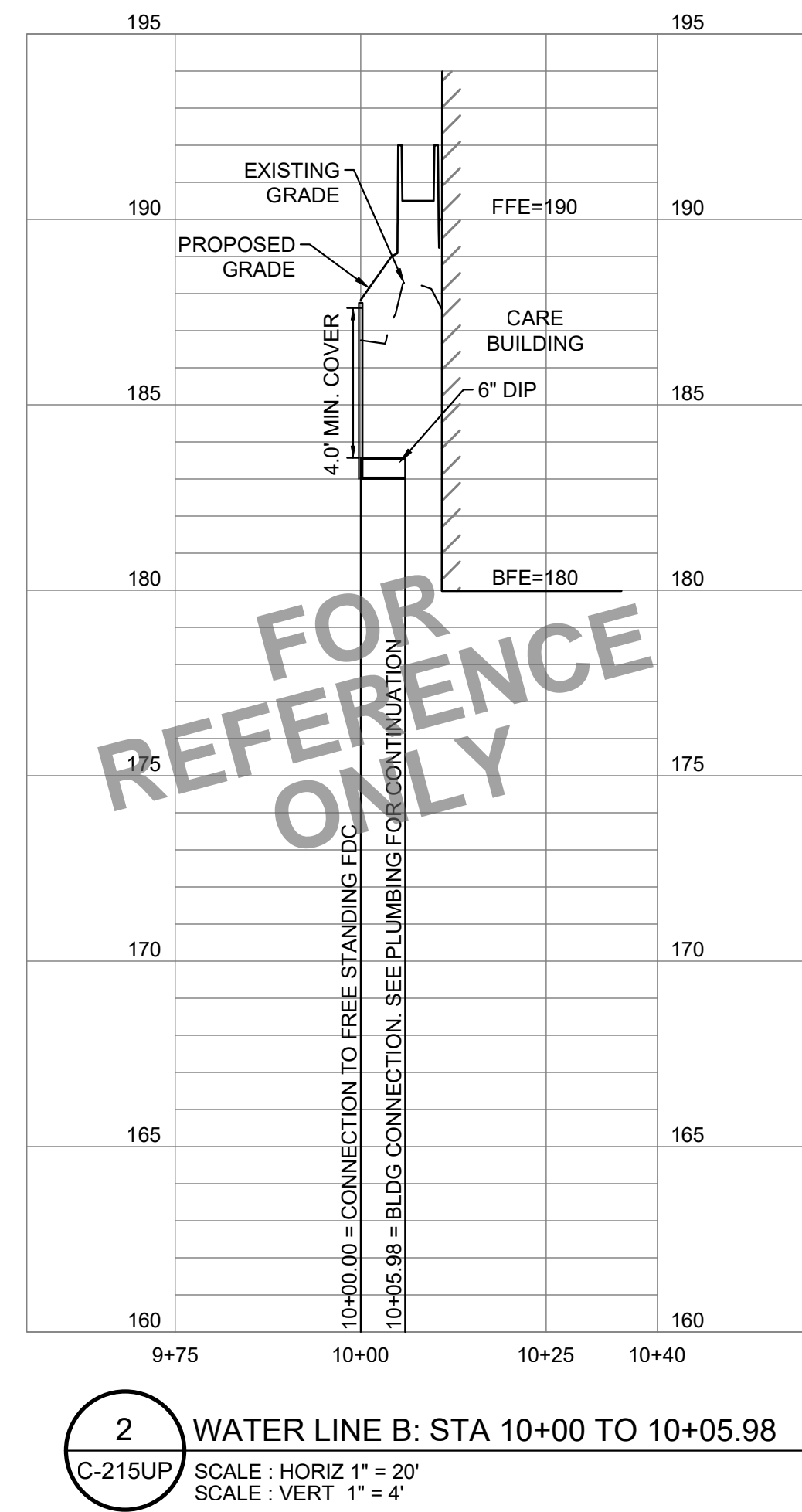
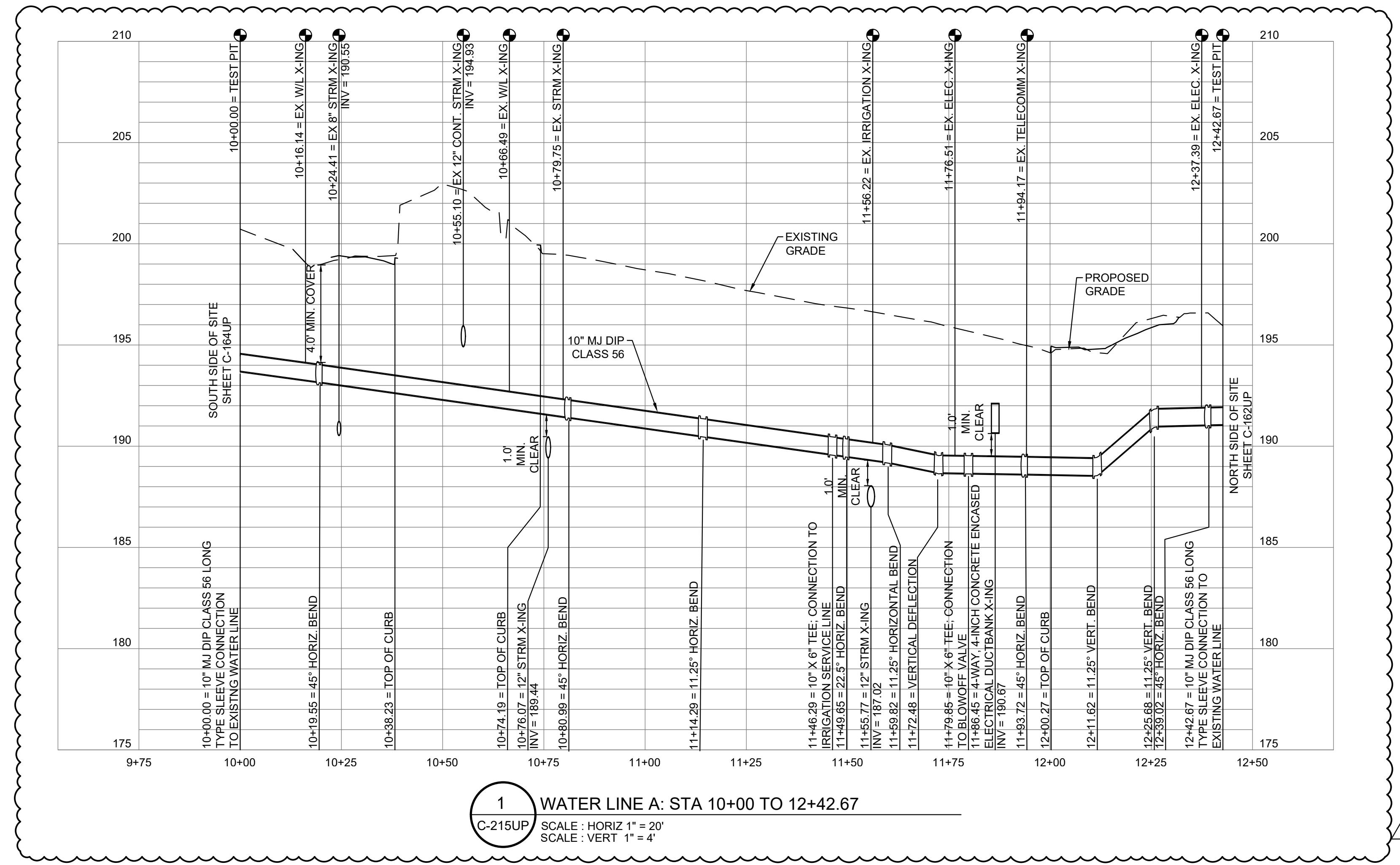
Smithsonian Institution

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600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

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ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER	2533105
ALF PROJECT NUMBER	00100084

DESIGNED BY	ST	KK	SM
DRAWN BY			
CHECKED BY			

SHEET NO. **C 215 UP**
16 OF 35



TEST PITS ARE REQUIRED AT ALL LOCATION(S) WHERE PROPOSED UTILITIES CROSS EXISTING UTILITIES. INVESTIGATION(S) TO IDENTIFY HORIZONTAL LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES. THE OWNER IS TO BE NOTIFIED OF THIS INFORMATION.

GENERAL NOTE:
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FOR REFERENCE ONLY

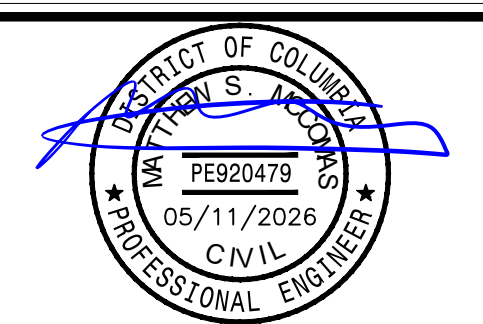
FOR REFERENCE ONLY

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ALF

CONSTRUCT ARABIAN LEOPARD FACILITY

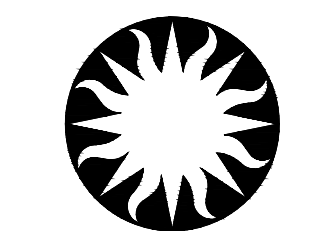
ISSUED FOR BID



KEY PLAN

GRAPHIC SCALE(S)

DATE	04/02/2026	SUBMISSION	ISSUED FOR BID
PROJECT #	1	REVISION #	1
DATE	5/11/26	REVISION DESCRIPTION	PHASE 1: ADDENDUM 1



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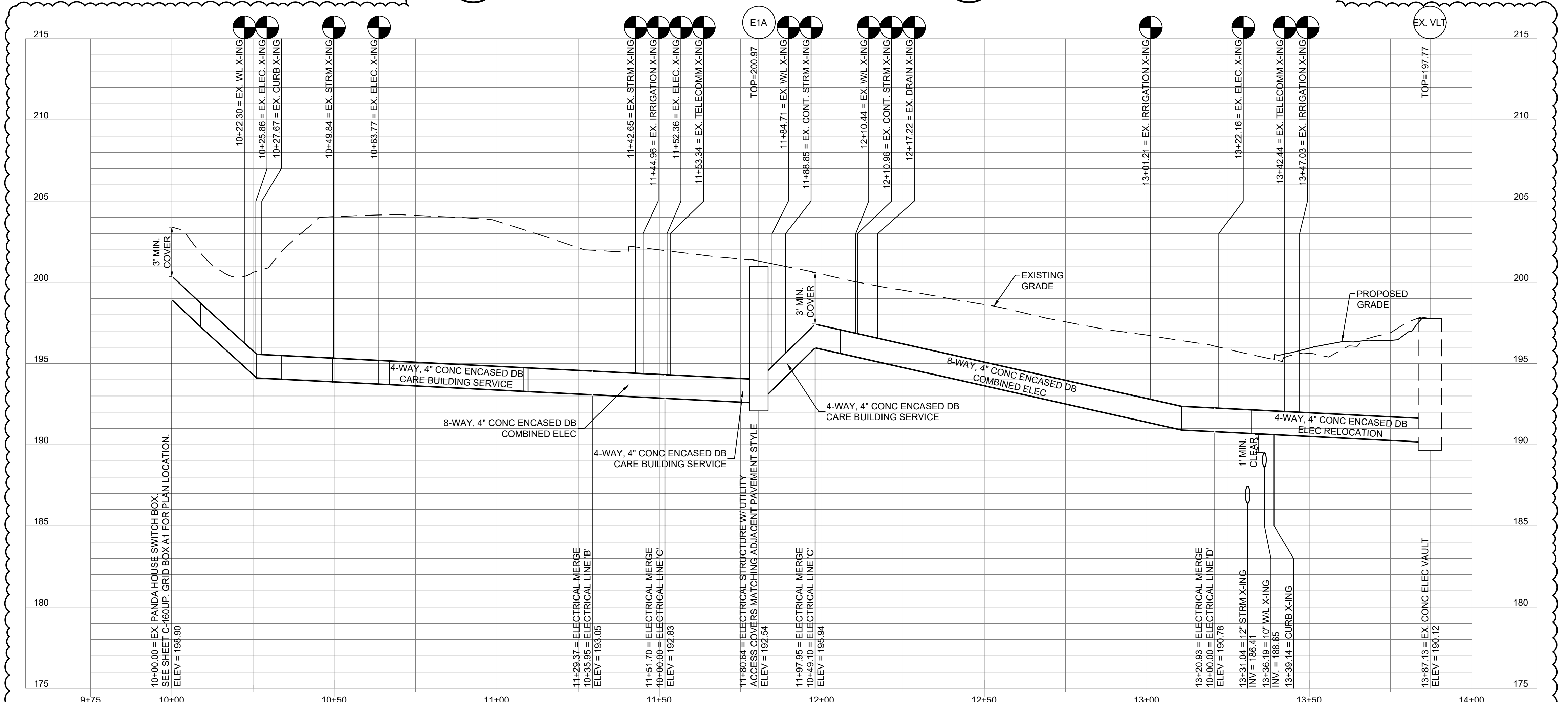
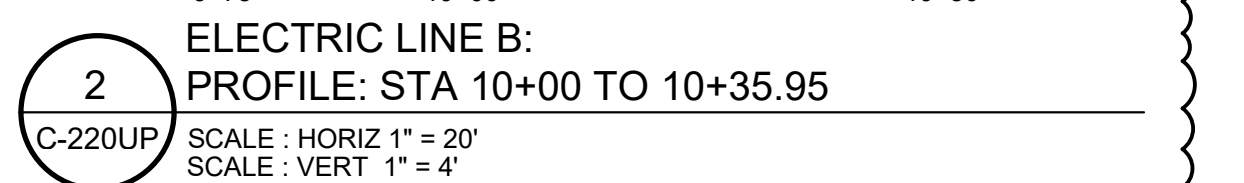
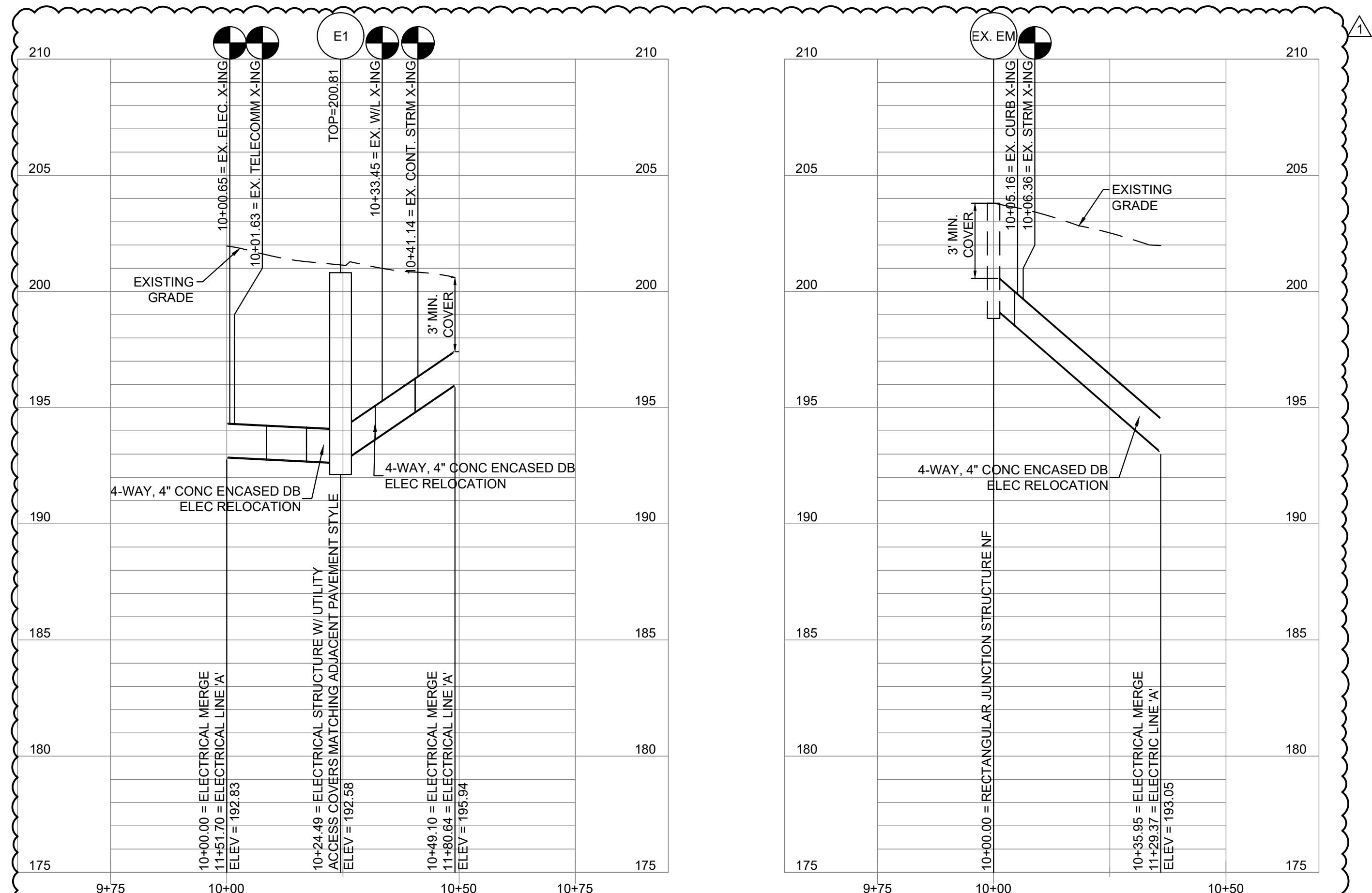
BUILDING NAME: ARABIAN LEOPARD FACILITY (ALF)
ADDRESS: 3001 Connecticut Avenue NW
Washington, DC 20008

PROJECT TITLE: CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER: 2533105
ALF PROJECT NUMBER: 00100084

DRAWING TITLE: ELECTRIC PROFILES

DESIGNED BY	ST	KK	SM
DRAWN BY			
CHECKED BY			

SHEET NO. C 2 20 UP
17 OF 35

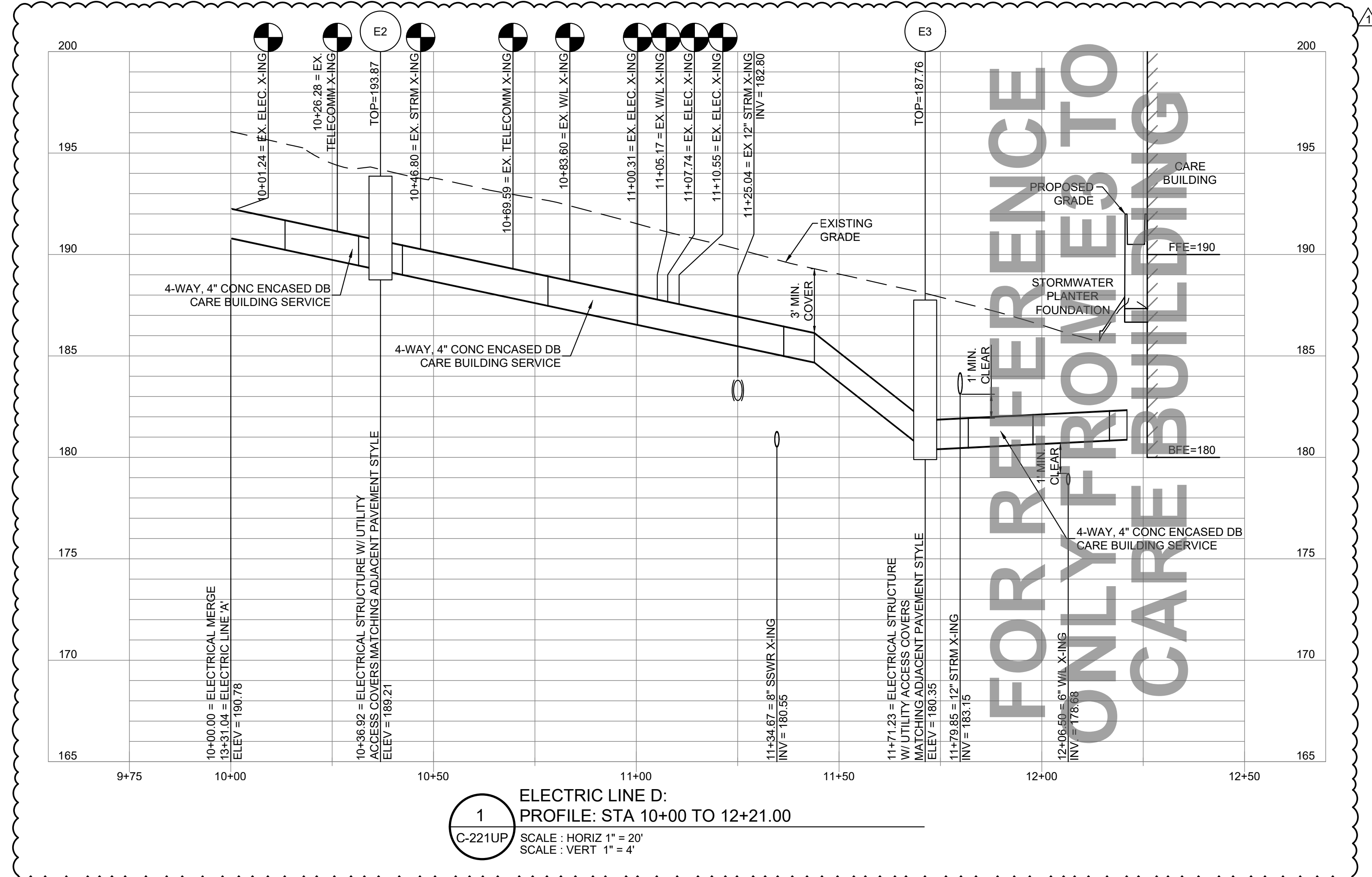


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GENERAL NOTE:
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DOB PERMIT STAMP

3/13/2026 11:18:18 AM
 XX-XXXX BY Approver 03/16/2026 35% DESIGN DEVELOPMENT



1 ELECTRIC LINE D:
 PROFILE: STA 10+00 TO 12+21.00
 C-221UP SCALE: HORIZ 1" = 20'
 SCALE: VERT 1" = 4'

FOR REFERENCE ONLY FROM THE CARE BUILDING

DOB PERMIT STAMP

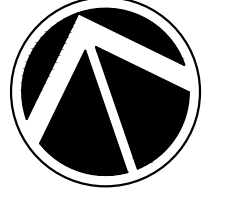
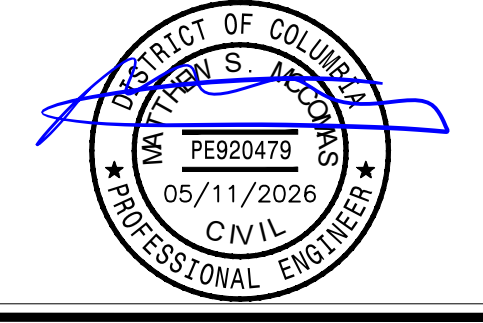
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 ARABIAN LEOPARD
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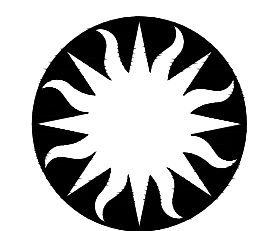


TRUE NORTH

KEY PLAN

GRAPHIC SCALE(S)

DATE 04/02/2026	SUBMISSION ISSUED FOR BID
REVISION # DATE 1 5/11/26	REVISION DESCRIPTION PHASE 1: ADDENDUM 1

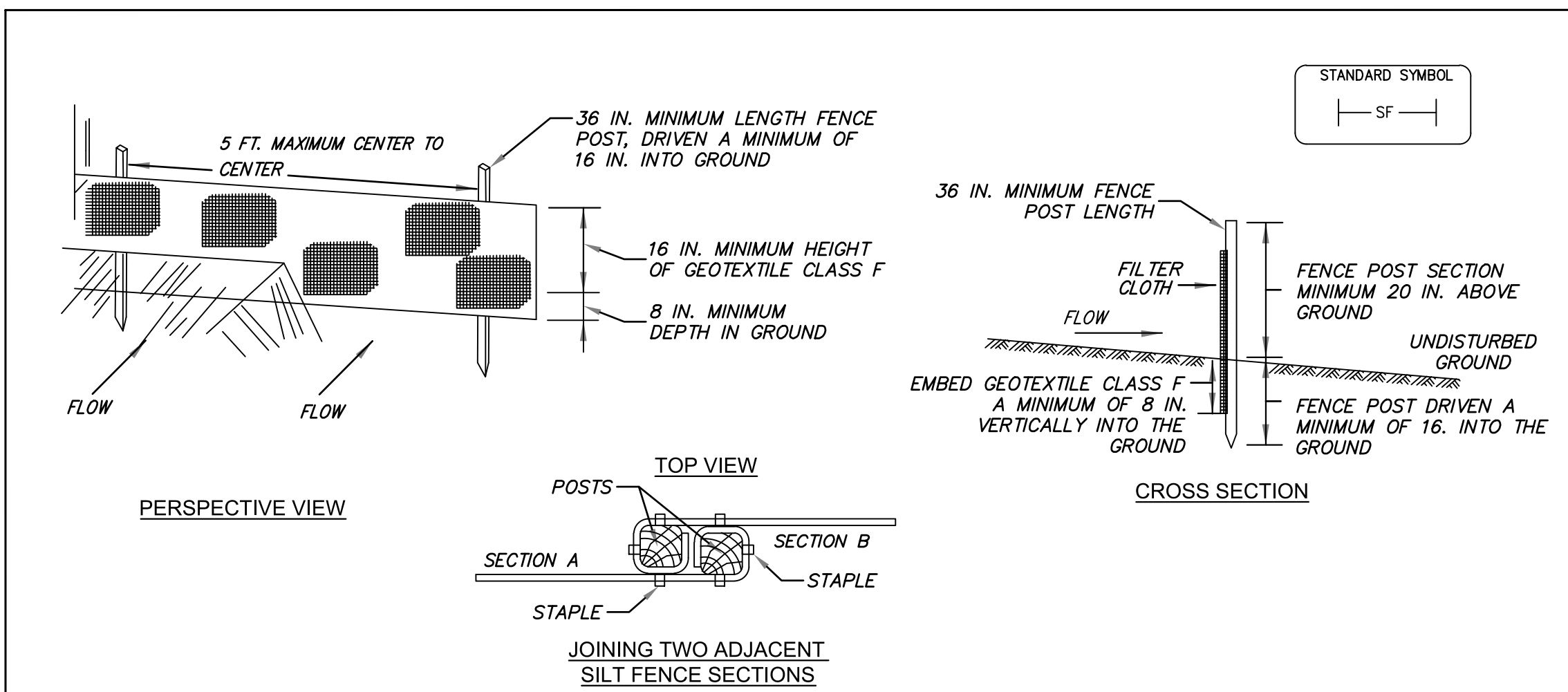


**Smithsonian
 Institution**

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 600 Maryland Avenue S.W. Suite 5001
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BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)						
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PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)						
OPDC PROJECT NUMBER	2533105						
ALF PROJECT NUMBER	00100084						
DRAWING TITLE	ELECTRIC PROFILES						
WORKING STAFF	<table border="1"> <tr> <td>ST</td> <td>KK</td> <td>SM</td> </tr> <tr> <td>DESIGNED BY</td> <td>DRAWN BY</td> <td>CHECKED BY</td> </tr> </table>	ST	KK	SM	DESIGNED BY	DRAWN BY	CHECKED BY
ST	KK	SM					
DESIGNED BY	DRAWN BY	CHECKED BY					

SHEET NO. **C 221 UP**
 18 OF 35



CONSTRUCTION SPECIFICATIONS

- FENCE POSTS MUST BE A MINIMUM OF 36 IN. LONG DRIVEN 16 IN. MINIMUM INTO THE GROUND. WOOD POSTS MUST BE OF SOUND QUALITY HARDWOOD WITH 1-1/2 IN. MINIMUM WIDTH WHEN SQUARE CUT, OR 1-3/4 IN. MINIMUM DIAMETER WHEN ROUND. STEEL POSTS MUST BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
- FASTEN GEOTEXTILE SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION. GEOTEXTILE MUST MEET THE FOLLOWING REQUIREMENTS (GEOTEXTILE CLASS F):

PROPERTY	VALUE	TEST METHOD
TENSILE STRENGTH	50 LBS/IN (MIN.)	ASTM D-4595
TENSILE MODULUS	20 LBS/IN (MIN.)	ASTM D-4595
FLOW RATE	0.3 GAL/FT ² /MINUTE (MAX.)	ASTM D-5141
FILTERING EFFICIENCY	75% (MIN.)	ASTM D-5141

- WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, OVERLAP, FOLD, AND STAPLE THEM TO PREVENT SEDIMENT BYPASS.
- INSPECT SILT FENCE AFTER EACH RAINFALL EVENT, AT LEAST DAILY DURING SUSTAINED RAINFALL EVENTS, AND MAINTAIN WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 30% OF THE FABRIC HEIGHT.

DATE	APPR	SILT FENCE-1	DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT
REVISED			
ISSUED:	REFERENCE		
		DWG. NO 301.1	

1 SILT FENCE DETAIL
SCALE: NOT TO SCALE

SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS

SILT FENCE DESIGN CRITERIA:

TABLE 3.1: SILT FENCE SLOPE LENGTH AND FENCE LENGTH CONSTRAINTS

SLOPE STEEPNESS	SLOPE LENGTH (MAXIMUM) (FEET)	SILT FENCE LENGTH (MAXIMUM) (FEET)
FLATTER THAN 50:1 (2%)	UNLIMITED	UNLIMITED
> 50:1 TO 10:1 (2% TO 10%)	125	1,000
> 10:1 TO 5:1 (10% TO 20%)	100	750
> 5:1 TO 3:1 (20% TO 33%)	60	500
> 3:1 TO 2:1 (33% TO 50%)	40	250
> 2:1 (> 50%)	20	125

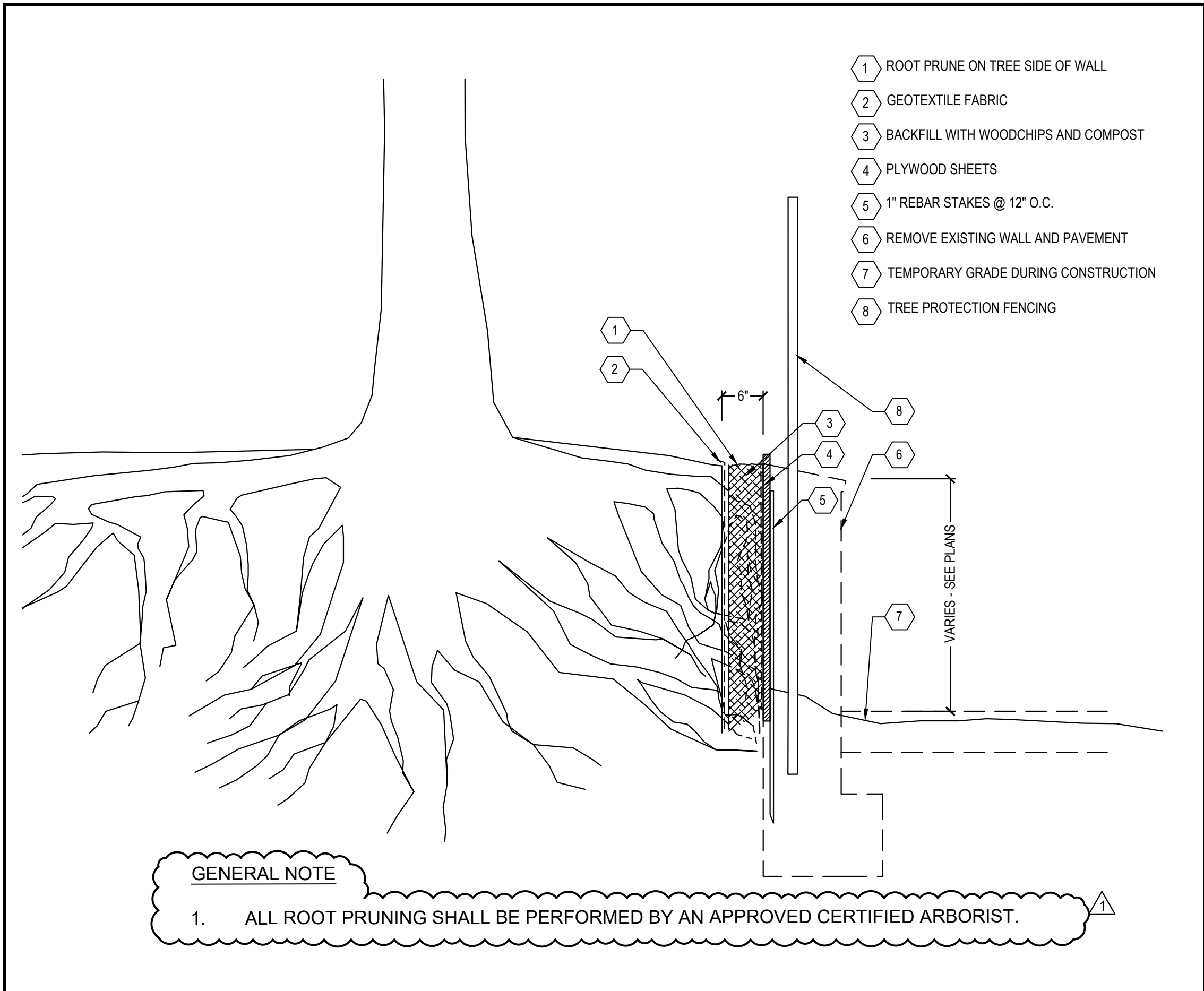
NOTE:

- IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERIMETER CONTROL REQUIRED.
- TO AVOID CIRCUMVENTION, EXTEND THE ENDS OF THE SILT FENCE UPSLOPE TO PREVENT WATER AND SEDIMENT FROM FLOWING AROUND THE ENDS OF THE FENCE.

DATE	APPR	SILT FENCE-2	DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT
REVISED			
ISSUED:	REFERENCE		
		DWG. NO 301.2	

2 SILT FENCE DETAIL
SCALE: NOT TO SCALE

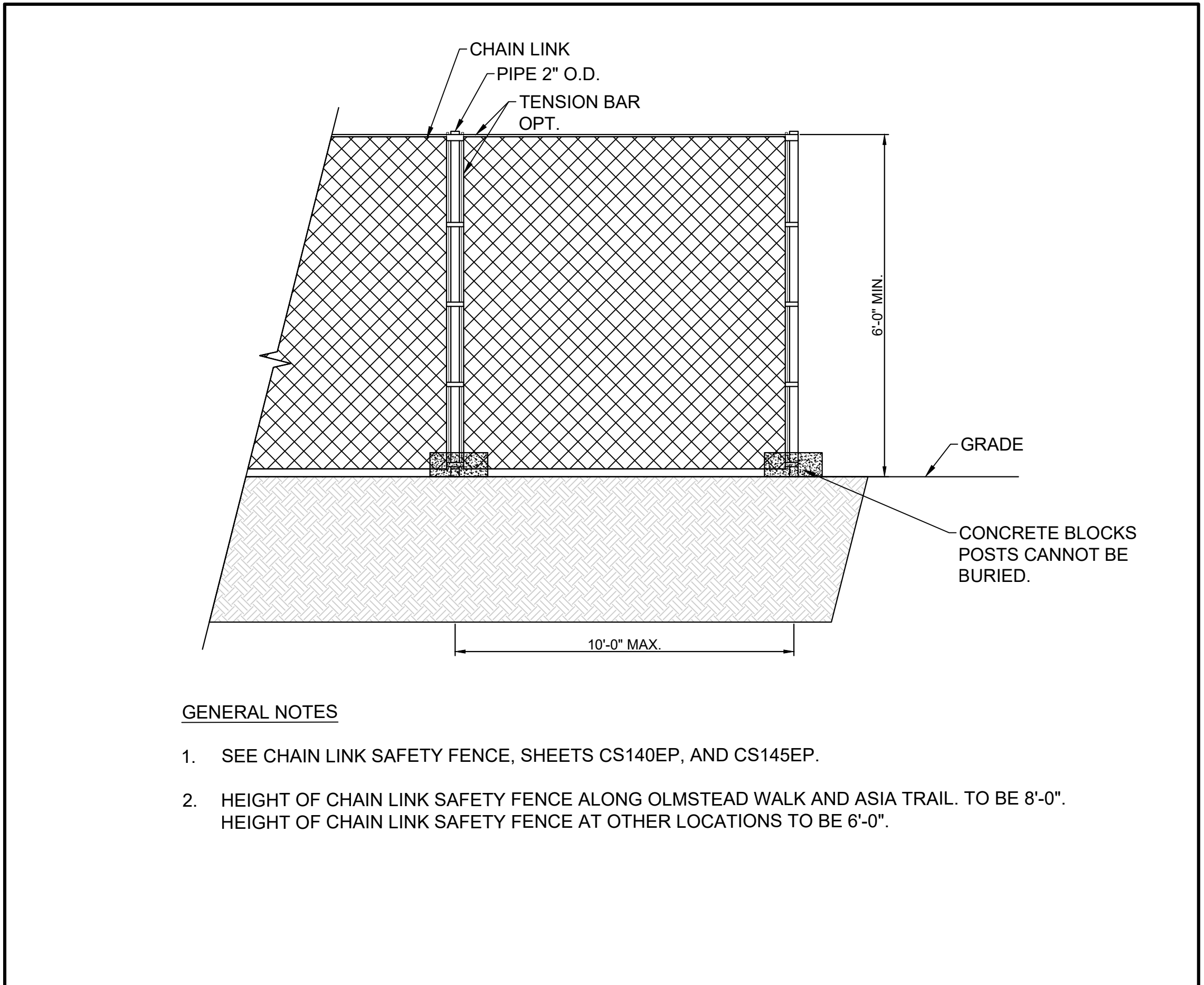
SOURCE: 2011 MARYLAND STANDARDS & SPECIFICATIONS



GENERAL NOTE

- ALL ROOT PRUNING SHALL BE PERFORMED BY AN APPROVED CERTIFIED ARBORIST.

3 ROOT PRUNING TREE PROTECTION ALONG EXISTING WALL
SCALE: NOT TO SCALE

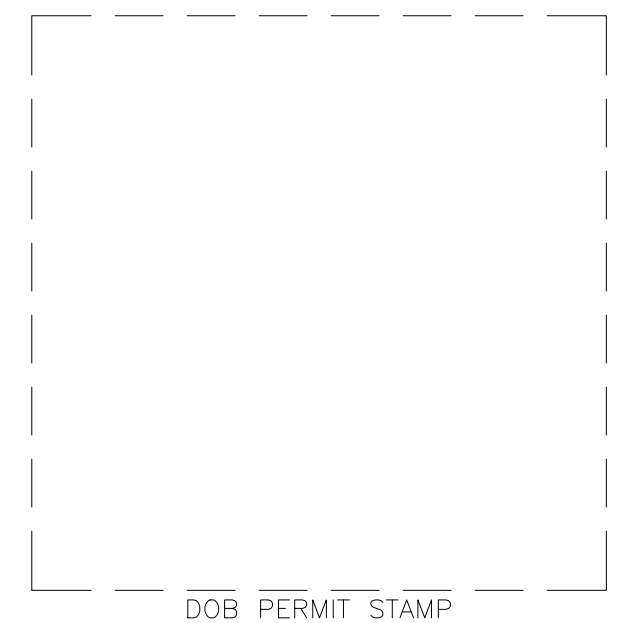


GENERAL NOTES

- SEE CHAIN LINK SAFETY FENCE, SHEETS CS140EP, AND CS145EP.
- HEIGHT OF CHAIN LINK SAFETY FENCE ALONG OLMSTEAD WALK AND ASIA TRAIL. TO BE 8'-0". HEIGHT OF CHAIN LINK SAFETY FENCE AT OTHER LOCATIONS TO BE 6'-0".

4 CHAIN LINK SAFETY FENCE DETAIL
SCALE: NOT TO SCALE

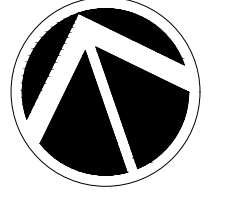
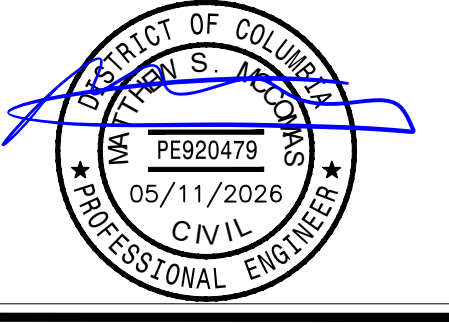
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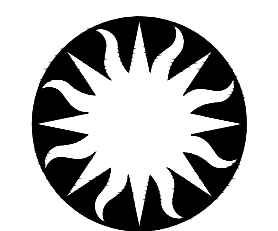


TRUE NORTH

KEY PLAN

GRAPHIC SCALE(S)

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04/02/2026	ISSUED FOR BID
REVISION #	REVISION DESCRIPTION
1	PHASE 1: ADDENDUM 1

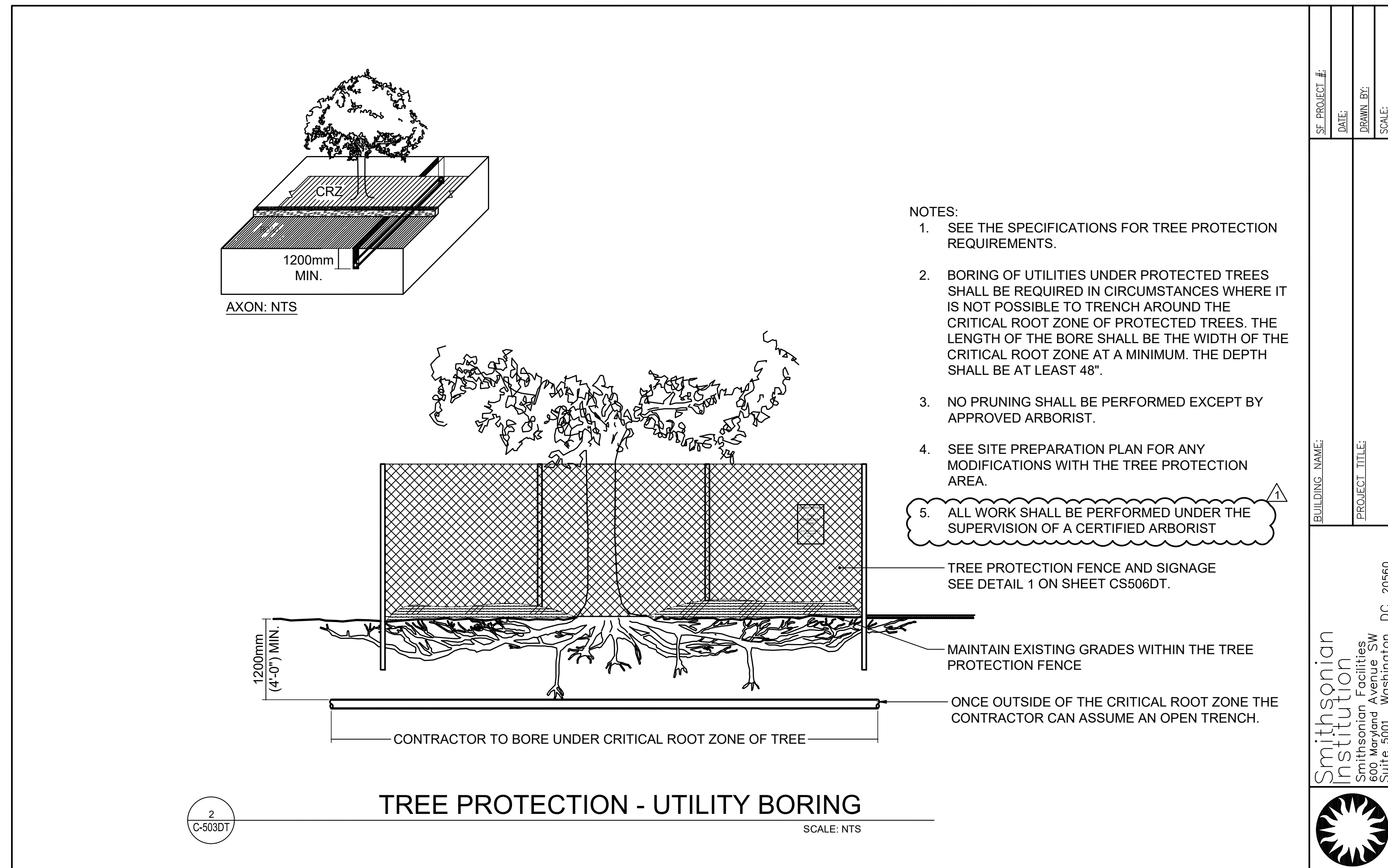
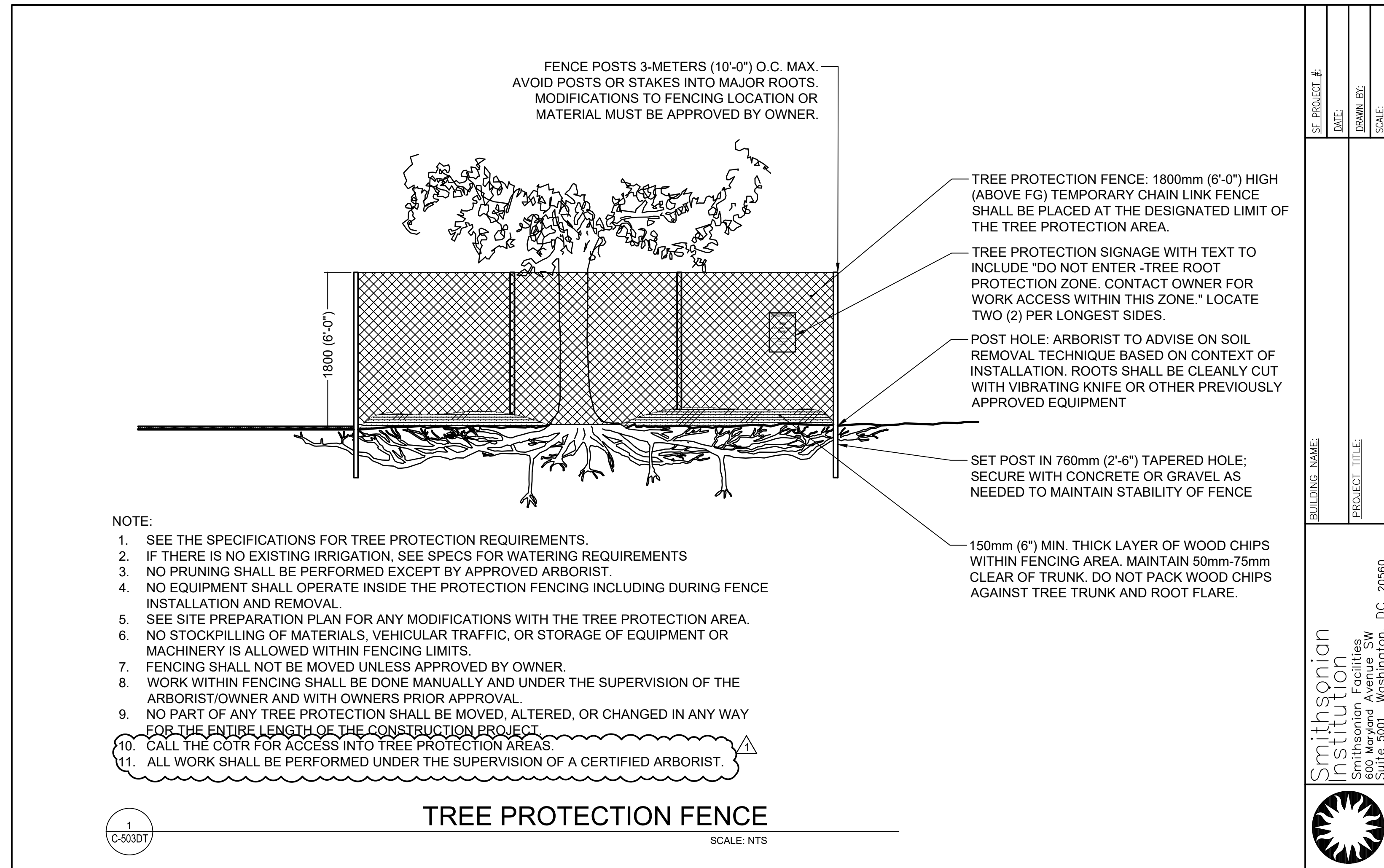


Smithsonian Institution

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600 Maryland Avenue S.W. Suite 5001
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BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)												
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DRAWING TITLE	EROSION & SEDIMENT CONTROL DETAILS												
WORKING STAFF	<table border="1"> <tr> <td>DESIGNED BY</td> <td>ST</td> <td>KK</td> <td>SM</td> </tr> <tr> <td>DRAWN BY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHECKED BY</td> <td></td> <td></td> <td></td> </tr> </table>	DESIGNED BY	ST	KK	SM	DRAWN BY				CHECKED BY			
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SHEET NO.	C 502 DT												
19 OF 35													

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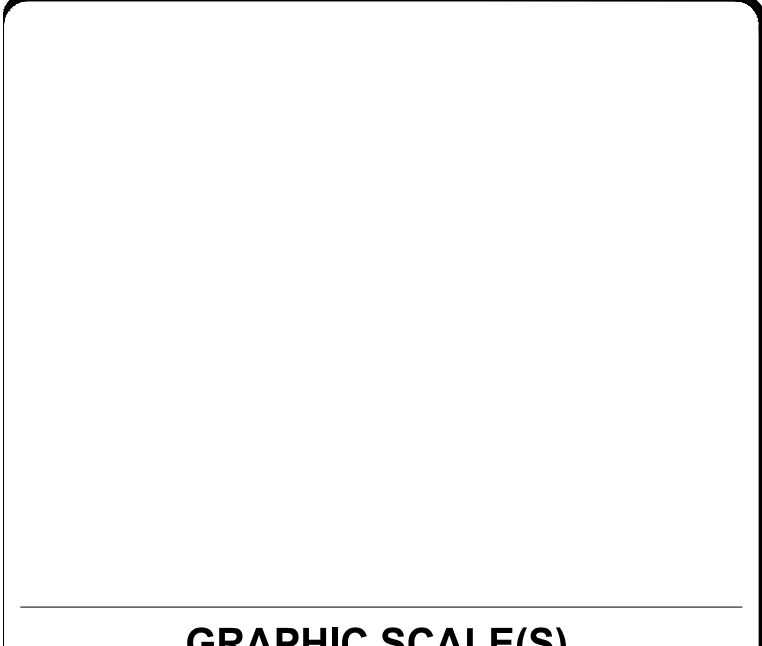
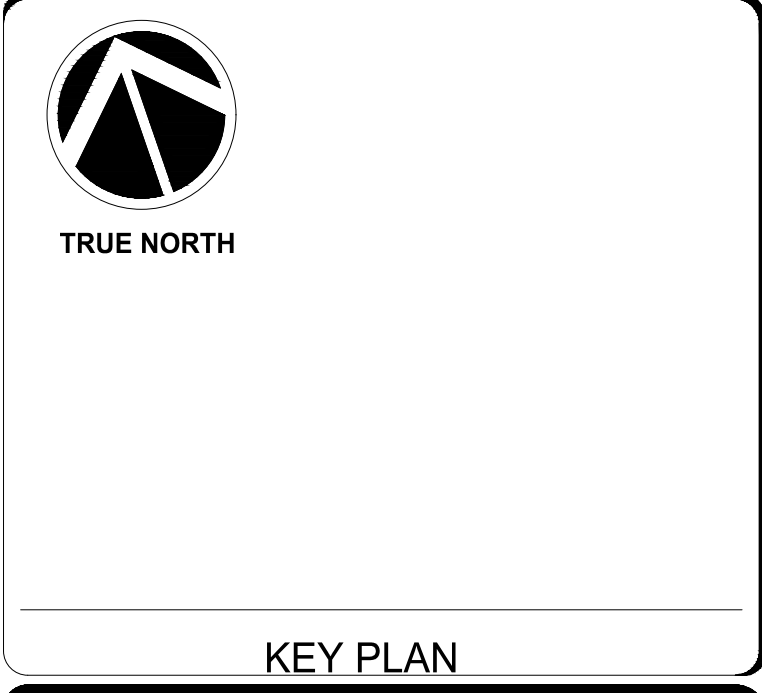
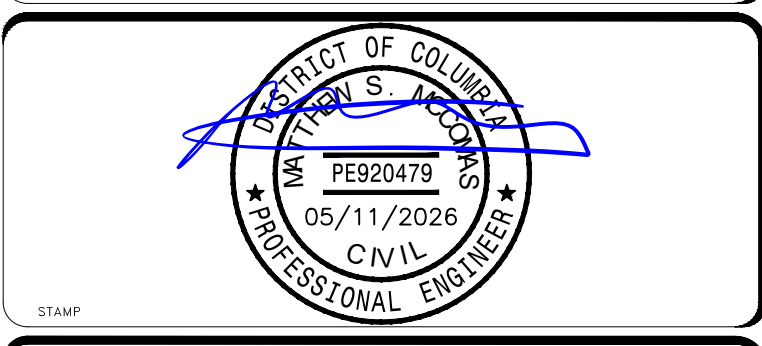


SE PROJECT #:	
DATE:	
DRAWN BY:	
SCALE:	
BUILDING NAME:	Smithsonian Institution
PROJECT TITLE:	Smithsonian Facilities 600 Maryland Avenue SW Suite 5001 Washington, DC 20560

SE PROJECT #:	
DATE:	
DRAWN BY:	
SCALE:	
BUILDING NAME:	Smithsonian Institution
PROJECT TITLE:	Smithsonian Facilities 600 Maryland Avenue SW Suite 5001 Washington, DC 20560

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DATE	04/02/2026	SUBMISSION	ISSUED FOR BID
REVISION #	1	DATE	5/11/26
REVISION DESCRIPTION	PHASE 1: ADDENDUM 1		

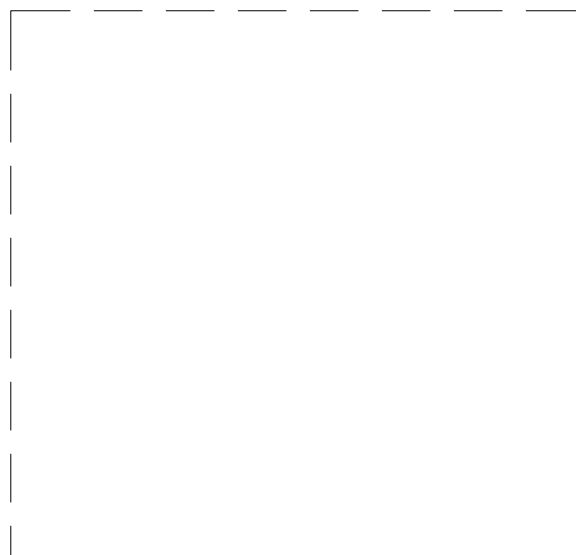
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OPDC PROJECT NUMBER	2533105
A/E PROJECT NUMBER	00100084
DRAWING TITLE	EROSION & SEDIMENT CONTROL DETAILS
DRAWN BY	ST
CHECKED BY	KK
DESIGNED BY	SM

SHEET NO. **C 5 03 DT**
 20 OF 35

STORM STRUCTURE TABLE					
STRUCTURE NAME	NORTHING	EASTING	TOP/RIM ELEVATION	DESCRIPTION	INVERTS
D1	460,538.86	1,297,528.09	179.69	PROP. 60-INCH DIA. DOGHOUSE MANHOLE	INV. 18" IN FR D2 = 173.90 INV. 18" IN FR EX 1894 = 173.89 INV. 18" OUT TO OUTFALL = 173.84
D2	460,543.26	1,297,507.75	179.50	BIORETENTION OVERFLOW STRUCTURE	INV. 18" OUT TO D1 = 174.00
D3	460,651.80	1,297,455.06	188.05	8-INCH TRENCH DRAIN CONNECTION	INV. 12" OUT TO DF8 = 186.97
D4	460,683.88	1,297,468.81	187.27	8-INCH TRENCH DRAIN CONNECTION	INV. 12" OUT TO DF7 = 186.18
D5	460,659.50	1,297,374.64	194.00	8-INCH TRENCH DRAIN CONNECTION	INV. 12" OUT TO DF12 = 190.50
D6	460,581.17	1,297,338.72	199.03	PROP. CURB INLET	INV. 8" IN FR EX 1024 = 194.98 INV. 12" OUT TO DF11 = 194.15 INV. 12" OUT TO D13 = 194.65
D7	460,605.46	1,297,575.87	181.15	PROP. 48-INCH DIA. DOGHOUSE MANHOLE	INV. 18" IN FR EX 1893 = 175.02 INV. 12" IN FR D8 = 175.51 INV. 18" OUT TO D9 = 175.02
D8	460,612.28	1,297,567.34	179.23	12-INCH NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO D7 = 175.73
D9	460,581.96	1,297,557.07	179.89	PROP. 48-INCH DIA. DOGHOUSE MANHOLE	INV. 18" IN FR D7 = 174.60 INV. 12" IN FR DF25 = 174.70 INV. 18" OUT TO EX 1894 = 174.60
D10	460,606.21	1,297,547.87	179.69	8-INCH TRENCH DRAIN CONNECTION	INV. 12" OUT TO DF25 = 175.33
D12	460,635.33	1,297,303.86	199.45	48-INCH DIA. DOGHOUSE MANHOLE W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" OUT TO DF26 = 189.56
D13	460,604.22	1,297,334.59	198.23	STM MH W/ UTILITY COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 8" IN FR EX 1033 = 190.50 INV. 12" IN FR D6 = 190.50 INV. 12" OUT TO DF26 = 190.50
D14	460,626.80	1,297,502.45	193.40	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO DF30 = 185.88
D15	460,626.83	1,297,480.41	190.67	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" IN FR DF30 = 184.67 INV. 12" OUT TO DF29 = 184.67
D16	460,639.49	1,297,495.18	191.16	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO DF30 = 186.78
D17	460,631.78	1,297,448.74	191.22	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO DF6 = 186.38
D18	460,632.55	1,297,435.48	193.85	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO DF33 = 186.71
D19	460,666.55	1,297,436.96	190.00	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO DF35 = 185.55
D21	460,696.96	1,297,573.02	185.52	PROP. 48-INCH DIA. DOGHOUSE MANHOLE	INV. 12" IN FR D24 = 179.72 INV. 12" IN FR D22 = 179.97 INV. 12" OUT TO EX 1655 = 179.72
D22	460,664.09	1,297,561.70	191.50	STORMWATER PLANTER OVERFLOW STRUCTURE	INV. 12" OUT TO D21 = 181.64
D23	460,675.70	1,297,527.15	189.64	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH GRATE	INV. 12" OUT TO D24 = 183.59
D24	460,706.15	1,297,535.56	187.57	48-INCH DIA. PROP. DOGHOUSE MANHOLE	INV. 12" IN FR = 180.91 INV. 12" IN FR D23 = 182.85 INV. 12" OUT TO D21 = 180.91
DF1	460,558.62	1,297,474.68	180.59	WALL PENETRATION OUTFALL	INV. 12" IN FR DF2 = 179.50
DF2	460,571.71	1,297,474.22	189.19	12-INCH DIA. CLEANOUT	INV. 12" IN FR DF3 = 180.22 INV. 12" OUT TO DF1 = 180.22
DF3	460,576.95	1,297,468.60	190.95	12-INCH DIA. CLEANOUT	INV. 12" IN FR DF4 = 180.32 INV. 12" OUT TO DF2 = 180.32
DF4	460,582.63	1,297,466.25	192.83	15-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR DF5 = 180.74 INV. 12" IN FR DF14 = 180.50 INV. 12" OUT TO DF3 = 180.46
DF5	460,604.96	1,297,457.00	193.00	15-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR DF27 = 182.62 INV. 12" OUT TO DF4 = 182.62
DF6	460,633.53	1,297,453.42	190.70	15-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR D17 = 186.28 INV. 12" IN FR DF7 = 184.87 INV. 12" IN FR DF33 = 183.37 INV. 12" OUT TO DF27 = 183.16
DF7	460,642.47	1,297,456.15	190.84	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR D4 = 185.20 INV. 12" IN FR DF8 = 186.46 INV. 12" OUT TO DF6 = 185.20
DF8	460,647.17	1,297,453.65	190.86	12-INCH DIA. CLEANOUT	INV. 12" IN FR D3 = 186.72 INV. 12" OUT TO DF7 = 186.72
DF9	460,652.65	1,297,440.26	191.33	36-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR DF10 = 184.62 INV. 12" IN FR DF35 = 184.62 INV. 12" OUT TO DF33 = 184.62
DF10	460,661.59	1,297,394.24	193.44	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR DF11 = 187.79 INV. 12" IN FR DF12 = 190.00 INV. 12" OUT TO DF9 = 187.79
DF11	460,658.92	1,297,390.28	193.45	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR D6 = 188.11 INV. 12" OUT TO DF10 = 188.11
DF12	460,662.87	1,297,387.67	194.00	12-INCH DIA. CLEANOUT	INV. 12" IN FR D5 = 190.13 INV. 12" OUT TO DF10 = 190.13
DF14	460,599.39	1,297,506.73	186.83	12-INCH DIA. CLEANOUT	INV. 12" IN FR DF16 = 180.77 INV. 12" OUT TO DF4 = 180.72
DF16	460,613.64	1,297,534.47	182.14	ROOF DRAIN CONNECTION	INV. 12" OUT TO DF14 = 181.05
DF20	460,732.95	1,297,417.42	193.22	12-INCH DIA. CLEANOUT W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" IN FR DF21 = 185.41 INV. 12" OUT TO EX 1389 = 185.41
DF21	460,725.53	1,297,386.83	194.75	12-INCH DIA. CLEANOUT W/ UTILITY COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" IN FR DF22 = 186.17 INV. 12" OUT TO DF20 = 186.17
DF22	460,707.31	1,297,358.88	196.16	12-INCH DIA. CLEANOUT W/ UTILITY COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" IN FR DF23 = 186.91 INV. 12" OUT TO DF21 = 186.91
DF23	460,697.20	1,297,352.71	196.48	12-INCH DIA. CLEANOUT W/ UTILITY COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" IN FR DF24 = 187.16 INV. 12" OUT TO DF22 = 187.17

STORM STRUCTURE TABLE					
STRUCTURE NAME	NORTHING	EASTING	TOP/RIM ELEVATION	DESCRIPTION	INVERTS
DF24	460,672.08	1,297,329.59	197.80	12-INCH DIA. CLEANOUT W/ UTILITY COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" IN FR DF26 = 187.93 INV. 12" OUT TO DF23 = 187.93
DF25	460,595.57	1,297,543.46	180.11	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR D10 = 175.09 INV. 12" OUT TO D9 = 175.00
DF26	460,644.36	1,297,313.72	199.05	15-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE	INV. 12" IN FR D13 = 189.38 INV. 12" IN FR D12 = 189.38 INV. 12" OUT TO DF24 = 188.65
DF27	460,624.77	1,297,459.44	193.28	15-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR DF6 = 183.02 INV. 12" IN FR DF29 = 183.62 INV. 12" OUT TO DF5 = 183.02
DF29	460,625.23	1,297,464.12	192.42	12-INCH DIA. CLEANOUT	INV. 12" IN FR D15 = 183.85 INV. 12" OUT TO DF27 = 183.85
DF30	460,626.81	1,297,495.14	190.97	15-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR D14 = 185.44 INV. 12" IN FR D16 = 186.30 INV. 12" OUT TO D15 = 185.44
DF33	460,640.46	1,297,448.64	190.73	12-INCH DIA. NYLOPLAST DRAIN BASIN WITH SOLID COVER	INV. 12" IN FR DF9 = 184.00 INV. 12" IN FR D18 = 185.50 INV. 12" OUT TO DF6 = 183.71
DF35	460,659.86	1,297,435.29	190.56	12-INCH DIA. CLEANOUT	INV. 12" IN FR D19 = 185.15 INV. 12" OUT TO DF9 = 184.83
EX 1024	460,568.30	1,297,329.33	196.05	CYLINDRICAL JUNCTION STRUCTURE NF	INV. 8" OUT TO D6 = 195.36
EX 1894	460,547.60	1,297,530.43	1.05	NULL STRUCTURE	INV. 18" IN FR D9 = -0.95
EX 1033	460,559.17	1,297,296.05	192.36	CYLINDRICAL JUNCTION STRUCTURE NF	INV. 8" OUT TO D13 = 190.67
EX 1389	460,729.17	1,297,441.64	192.22	EX. 48" DIA. STORM MANHOLE	INV. 12" IN FR DF20 = 184.82 INV. 12" OUT TO = 184.42
EX 1655	460,693.86	1,297,585.69	184.91	CYLINDRICAL JUNCTION STRUCTURE NF	INV. 12" IN FR D21 = 179.03
EX 1893	460,629.74	1,297,595.30	177.17	CYLINDRICAL JUNCTION STRUCTURE NF	INV. 18" OUT TO D7 = 175.46
EX 1894	460,545.32	1,297,527.75	180.44	CYLINDRICAL JUNCTION STRUCTURE NF	INV. 18" OUT TO D1 = 173.94
OUTFALL	460,506.00	1,297,529.85	175.30	NULL STRUCTURE	INV. 18" IN FR D1 = 173.50

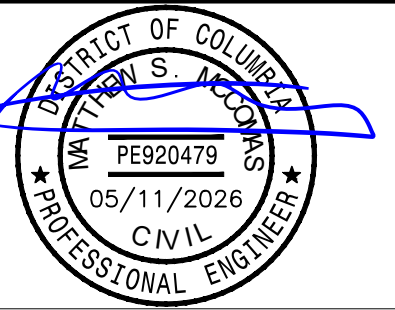


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CONSTRUCT ARABIAN LEOPARD FACILITY

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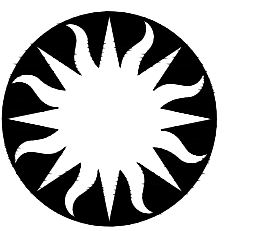


TRUE NORTH

KEY PLAN

GRAPHIC SCALE(S)

DATE 05/11/2026	SUBMISSION PHASE 1 - ADDENDUM 1
REVISION # DATE	REVISION DESCRIPTION



Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

BUILDING NAME	ARABIAN LEOPARD FACILITY (ALF)			
ADDRESS	3001 Connecticut Avenue NW Washington, DC 20008			
PROJECT TITLE	CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)			
OPDC PROJECT NUMBER	2533105			
ALF PROJECT NUMBER	00100084			
DRAWING TITLE	STORM STRUCTURE TABLE			
WORKING STAFF	<table border="1"> <tr> <td>ST</td> <td>KK</td> <td>SM</td> </tr> </table>	ST	KK	SM
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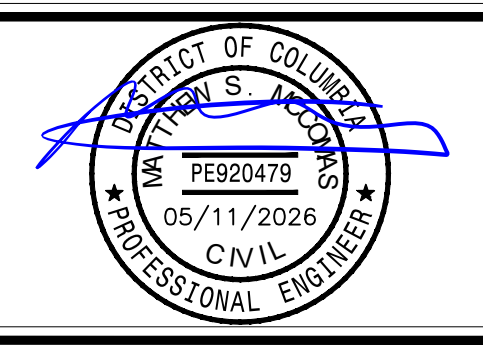
SANITARY STRUCTURE TABLE					
STRUCTURE NAME	NORTHING	EASTING	TOP/RIM ELEVATION	DESCRIPTION	INVERTS
BLDG-2	460,646.88	1,297,491.03	185.58	BUILDING CONNECTION	INV. 4" OUT TO S1 = 184.80
BLDG-3	460,633.68	1,297,538.32	180.39	BUILDING CONNECTION	INV. 3" IN FR SF3 = 180.10
EX 42	460,753.94	1,297,518.69	189.15	EX SSWR MH	INV. 8" OUT TO S6 = 181.53
EX 422	460,505.00	1,297,452.18	180.78	EX SSWR MANHOLE	INV. 8" IN FR S1 = 177.20
S1	460,632.35	1,297,486.03	190.74	SSWR DROP MH W/ PRECAST BASE, RECESSED TOP, UNDER UTILITY COVER	INV. 8" IN FR S2 = 179.67 INV. 4" IN FR BLDG-2 = 183.26 INV. 3" IN FR SF1 = 179.77 INV. 8" OUT TO EX 422 = 179.57
S2	460,639.44	1,297,459.49	190.82	SSWR MH W/ PRECAST BASE, RECESSED TOP, UNDER UTILITY COVER	INV. 8" IN FR S3 = 179.86 INV. 8" OUT TO S1 = 179.86
S3	460,663.10	1,297,451.93	190.97	SSWR MH W/ PRECAST BASE, RECESSED TOP, UNDER UTILITY COVER	INV. 8" IN FR S4 = 180.03 INV. 8" OUT TO S2 = 180.03
S4	460,690.80	1,297,455.86	191.42	SSWR DORP MH W/ PRECAST BASE	INV. 8" IN FR S5 = 180.23 INV. 8" OUT TO S3 = 180.23
S5	460,713.76	1,297,475.67	190.03	SSWR MH W/ PRECAST BASE, RECESSED TOP, UNDER UTILITY COVER	INV. 8" IN FR S6 = 180.44 INV. 8" OUT TO S4 = 180.44
S6	460,709.22	1,297,506.72	188.80	SSWR DROP MH W/ PRECAST BASE	INV. 8" IN FR EX 42 = 180.76 INV. 8" OUT TO S5 = 180.66
SF1	460,633.96	1,297,512.45	180.15	22.5° HORIZ. BEND	INV. 3" OUT TO S1 = 179.86 INV. 3" OUT TO SF2 = 179.86
SF2	460,627.08	1,297,532.42	180.32	45° HORIZ. BEND	INV. 3" IN FR SF1 = 180.03 INV. 3" OUT TO SF3 = 180.03
SF3	460,628.83	1,297,536.64	180.34	45° HORIZ. BEND	INV. 3" IN FR SF2 = 180.05 INV. 3" OUT TO BLDG-3 = 180.05

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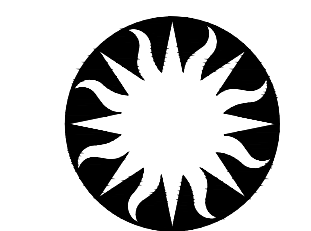
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KEY PLAN

GRAPHIC SCALE(S)

DATE 05/11/2026	SUBMISSION PHASE 1 - ADDENDUM 1
REVISION # DATE	REVISION DESCRIPTION



Smithsonian Institution

Smithsonian OPDC
600 Maryland Avenue S.W. Suite 5001
Washington, DC 20024-2520

BUILDING NAME: ARABIAN LEOPARD FACILITY (ALF)
ADDRESS: 3001 Connecticut Avenue NW, Washington, DC 20008

PROJECT TITLE: CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
OPDC PROJECT NUMBER: 2533105
ALF PROJECT NUMBER: 00100084

DRAWING TITLE: SANITARY STRUCTURE TABLE

WORKING STAFF	ST	KK	SM
DESIGNED BY			
DRAWN BY			
CHECKED BY			

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22 OF 35

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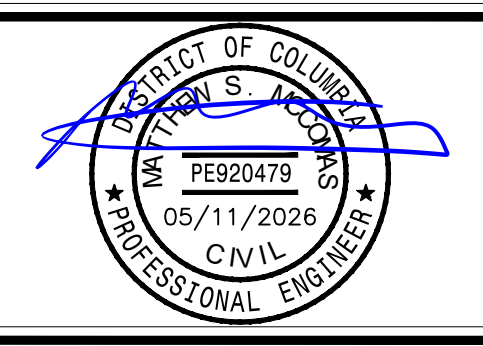
WATER LINE A TABLE			
FITTING NAME	NORTHING	EASTING	DESCRIPTION
Fitting - (26)	460,586.56	1,297,324.72	45° HORIZ. BEND
Fitting - (27)	460,645.99	1,297,309.19	45° HORIZ. BEND
Fitting - (28)	460,674.49	1,297,326.43	11.25° HORIZ. BEND
Fitting - (29)	460,700.41	1,297,350.47	22.5° HORIZ. BEND
Fitting - (30)	460,721.74	1,297,388.94	45° HORIZ. BEND
Fitting - (31)	460,708.06	1,297,432.10	45° HORIZ. BEND
Fitting - (184)	460,704.32	1,297,359.86	11.25° HORIZONTAL BEND
Fitting - (186)	460,710.84	1,297,370.71	VERTICAL DEFLECTION
Fitting - (187)	460,716.34	1,297,405.99	11.25° VERT. BEND
Fitting - (188)	460,712.08	1,297,419.40	11.25° VERT. BEND
Fitting - (189)	460,714.63	1,297,377.04	10" X 6" TEE; CONNECTION TO BLOWOFF VALVE
Fitting - (190)	460,697.95	1,297,348.18	10" X 6" TEE; CONNECTION TO IRRIGATION SERVICE LINE

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CONSTRUCT ARABIAN LEOPARD FACILITY

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Smithsonian OPDC
 600 Maryland Avenue S.W. Suite 5001
 Washington, DC 20024-2520

BUILDING NAME: ARABIAN LEOPARD FACILITY (ALF)
 ADDRESS: 3001 Connecticut Avenue NW, Washington, DC 20008

PROJECT TITLE: CONSTRUCT ARABIAN LEOPARD FACILITY (ALF)
 OPDC PROJECT NUMBER: 2533105
 ALF PROJECT NUMBER: 00100084

DRAWING TITLE: WATER STRUCTURE TABLE

WORKING STAFF	ST	KK	SM
DESIGNED BY			
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 23 OF 35

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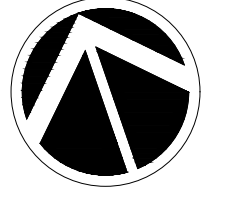
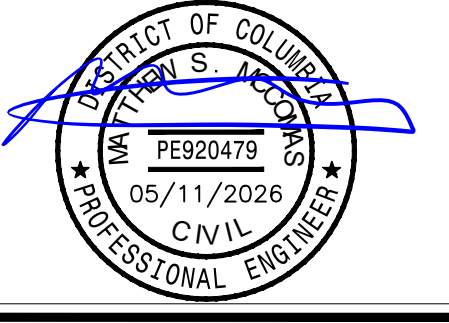
ELECTRIC STRUCTURE TABLE				
STRUCTURE NAME	NORTHING	EASTING	TOP/RIM ELEVATION	DESCRIPTION
E1A	460,607.71	1,297,286.42	200.97	ELECTRICAL STRUCTURE W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE
E1	460,600.11	1,297,289.77	200.81	ELECTRICAL STRUCTURE W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE
EM1	460,559.91	1,297,267.88	194.63	ELECTRICAL MERGE
EM2	460,580.73	1,297,275.96	194.40	ELECTRICAL MERGE
E2	460,734.09	1,297,400.93	193.87	ELECTRICAL STRUCTURE W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE
E3	460,696.74	1,297,524.03	187.76	ELECTRICAL STRUCTURE W/ UTILITY ACCESS COVERS MATCHING ADJACENT PAVEMENT STYLE

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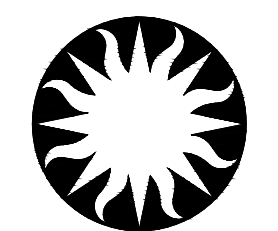


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OPDC PROJECT NUMBER	2533105
A/E PROJECT NUMBER	00100084
DRAWING TITLE	ELECTRIC STRUCTURE TABLE
WORKING STAFF	ST KK SM

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24 OF 35	DISCIPLINE TYPE SEQUENCE DRAWING TYPE