

GENERAL STORM DRAIN AND PAVING NOTES

- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF THE MAINS BY DIGGING TEST PITS BY HAND OR VACUUM AT UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF CLEARANCES TO WATER AND SEWER LINES ARE LESS THAN SHOWN ON THIS PLAN, OR LESS THAN TWELVE (12) INCHES, CONTACT THE DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT (DPIE) INSPECTOR BEFORE PROCEEDING WITH CONSTRUCTION.
- ALL STORM DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STORMWATER MANAGEMENT STANDARDS AND SPECIFICATIONS OF PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT.
- FOR TYPES OF STORM DRAIN STRUCTURES, REFER TO THE LATEST STANDARD DETAILS OF PRINCE GEORGE'S COUNTY DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT, UNLESS OTHERWISE NOTED.
- ALL ROADWAY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING: THE DPIE SPECIFICATIONS AND STANDARDS FOR ROADWAYS AND BRIDGES, THE PRINCE GEORGE'S COUNTY CODE, SUBTITLE 23, ROAD ORDINANCE, AND THE PRINCE GEORGE'S COUNTY POLICY AND SPECIFICATION FOR UTILITY INSTALLATION AND MAINTENANCE.
- PRIOR TO DIGGING WITHIN THE ROADWAY, CALL -MISS UTILITY TOLL FREE AT (800) 257-7777 FOR UTILITY LOCATION AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION.
- PRIOR TO STARTING ANY WORK SHOWN ON THIS PLAN, THE PERMITTEE SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH THE DPIE INSPECTOR BY CALLING (301) 883-6730.
- IN ACCORDANCE WITH SECTION 23-128, THE COUNTY'S ROAD ORDINANCE, A PROJECT SIGN SHALL BE POSTED PROMINENTLY DESCRIBING THE FOLLOWING:
 - SUBDIVISION NAME (AS SHOWN ON PERMIT APPLICATION)
 - OWNER/PERMITTEE NAME
 - OWNER/PERMITTEE ADDRESS AND PHONE
 - DPIE PERMIT NUMBER
- ALL ELEVATIONS SHOWN ON THIS PLAN ARE IN ACCORDANCE WITH THE FOLLOWING:
 - HORIZONTAL-MARYLAND COORDINATE SYSTEM (STATE PLANE GRID) BASED ON NORTH AMERICAN DATUM OF 1983 (NAD 83);
 - VERTICAL-NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- TEMPORARY TRAFFIC CONTROL AND PERMANENT TRAFFIC SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE FEDERAL HIGHWAY ADMINISTRATIONS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE TO ARRANGE FOR THE ADJUSTMENT OR RELOCATION OF ALL UTILITIES.
- ALL UNSUITABLE MATERIAL MUST BE REMOVED AND REPLACED WITH SUITABLE MATERIAL TO A DEPTH AS DIRECTED BY THE GEOTECHNICAL ENGINEER, THE DPIE INSPECTOR, AND/OR THE DEPARTMENTS ENGINEER.
- EXCAVATION AND PLACEMENT OF FILL MATERIAL SHALL BE PERFORMED UNDER THE SUPERVISION OF A MARYLAND-LICENSED ENGINEER.
- THE PERMITTEE WILL BE REQUIRED TO FURNISH COMPACT REPORTS CERTIFIED BY A MARYLAND-LICENSED ENGINEER ON EACH LAYER OF FILL MATERIAL PRIOR TO PLACING SUBSEQUENT LAYERS.
- DURING THE PLACEMENT OF A STANDARD PAVEMENT SECTION, NO PAVEMENT COURSE OR STONE LIFT SHALL BE PLACED UNTIL THE UNDERLYING COURSE OR SUBGRADE IS APPROVED BY THE DPIE INSPECTOR. THE APPROVAL SHALL EXPIRE IF TRAFFIC OR INCLEMENT WEATHER AFFECTS THE SITE PRIOR TO PAVING.
- AS SOON AS THE ASPHALT BASE COURSE IS APPROVED, THE INTERMEDIATE ASPHALT COURSE SHALL BE PLACED IMMEDIATELY OVER IT TO FORM A PROTECTIVE SEAL.
- TEMPORARY STREET NAME SIGN INSTALLATION AND MAINTENANCE IS THE OBLIGATION OF THE PERMITTEE ONCE BASE PAVING IS COMPLETED.
- WHERE ROADWAY CONSTRUCTION IS ON OR IN THE VICINITY OF AN EXISTING ROAD, IN-KIND PAVEMENT MARKING AND STRIPING REPLACEMENT (E.G., THERMOPLASTIC, PAINTED, ETC.) IS REQUIRED. ALSO, APPROPRIATE PAVEMENT MARKING AND STRIPING SHALL BE PROVIDED IN THE AREA OF PAVEMENT WIDENING AND/OR RECONSTRUCTION AND/OR OVERLAY OF AN EXISTING ROAD.
- SAW CUT AND MILL A 2-INCH DEEP, 10-FOOT-WIDE NOTCH AT EXISTING EDGE OF PAVEMENT WHERE IT IS NECESSARY TO CONNECT TO OR TO EXTEND AN EXISTING ROAD, OVERLAY AT POINT OF TIE-IN TO ENSURE A SMOOTH TRANSITION AND POSITIVE DRAINAGE.
- WHERE IT IS NECESSARY TO WIDEN AN EXISTING ROAD, AND MILLING AND OVERLAY REQUIREMENTS HAVE BEEN WAIVED OR REDUCED, THE FOLLOWING EDGE TREATMENT SHALL BE USED AT THE PROPOSED WIDENING OF EXISTING ROAD:
 - SAW CUT EDGE OF EXISTING PAVEMENT TO SET STRAIGHT EDGE
 - PLACE APPROVED SUBGRADE AND SUBBASE FOR FULL WIDENING
 - PLACE ASPHALT FOR FULL WIDENING (BASE COURSE ONLY)
 - MILL ADDITIONAL 1-FOOT MINIMUM WIDTH INTO EXISTING SURFACE
 - FOR DEPTH OF FINAL SURFACE COURSE (MILLING MUST REMOVE EXISTING WHITE STRIPE AT EDGE OF EXISTING ROAD). LIMITS OF MILLING MAY BE EXTENDED, IF NECESSARY.
 - PLACE ASPHALT FOR FULL WIDENING PLUS THIS ADDITIONAL 1 FOOT INTO EXISTING SURFACE (FINAL SURFACE COURSE).
- ALL RESIDENTIAL ROADWAY FILLET RADII SHALL BE AT LEAST 37 FEET, UNLESS OTHERWISE NOTED. ROADWAYS WITH HIGHER CLASSIFICATION REQUIRE 45 FEET AND/OR 50 FEET RADII.
- AN UNDERDRAIN SYSTEM IS REQUIRED FOR THE FULL LENGTH OF ALL PROPOSED AND MODIFIED ROADWAYS, ON BOTH SIDES, AND TO THE LIMITS OF THE PERMIT SHOWN ON THIS PLAN.
- ALL CURBS AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH DPIE STANDARD NO. 300.01 UNLESS DIRECTED OTHERWISE BY THE DEPARTMENT.
- BRICK CHANNELIZATION IS REQUIRED IN ALL PUBLIC DPIE STORM DRAIN STRUCTURES. CONCRETE CHANNELIZATION IS NOT ALLOWED.
- POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE AREA COVERED BY THIS PERMIT AND THROUGH ADJACENT PROPERTY FRONTAGES.

25. ALL UNPAVED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE SOODED.

26. ALL SIDEWALK RAMP SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH DPIE STANDARDS 300.05 TO 300.10 AND SHALL COMPLY WITH THE LATEST REVISION TO THE FEDERAL ACCESSIBILITY GUIDELINES OF THE AMERICANS WITH DISABILITIES ACT.

27. ALL SIDEWALKS SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST DPIE STANDARDS AND SHALL COMPLY WITH THE LATEST REVISION TO THE FEDERAL ACCESSIBILITY GUIDELINES OF AMERICANS WITH DISABILITIES ACT.

28. ALL SIDEWALKS (EXCEPT AS NOTED HEREIN) ARE TO BE CONSTRUCTED BY THE SITE DEVELOPER.

29. SIDEWALKS ALONG FRONTAGES OF OPEN-SPACE PARCELS AND THOSE NOT COVERED BY A SINGLE-FAMILY BUILDING PERMIT SHALL BE CONSTRUCTED UNDER THIS STREET CONSTRUCTION PERMIT.

30. THE WIDTH OF A RESIDENTIAL DRIVEWAY APRON AT THE PROPERTY LINE SHALL NOT BE LESS THAN THE WIDTH OF THE ON-SITE PARKING PAD AT ITS WIDEST POINT, A MAXIMUM WIDTH OF 20 FEET, AND A MINIMUM WIDTH OF 10 FEET. A RESIDENTIAL DRIVEWAY APRON FLARE SHALL NOT BE CONSTRUCTED CLOSER THAN 3.5 FEET TO THE NEAREST ABUTTING PROPERTY LINE.

31. ALL DRIVEWAY APRONS ARE TO BE CONSTRUCTED BY THE SITE DEVELOPER.

32. ENSURE THAT STREET TREES ARE NO CLOSER THAN 1 FOOT TO THE RIGHT-OF-WAY LINE, IN AN OPEN SPACE SECTION CONFIGURATION, AND NO CLOSER THAN 15 FEET FROM STREET LIGHT OR POLE, AND OF APPROPRIATE HEIGHT SO AS NOT TO INTERFERE WITH EXISTING OR PROPOSED OVERHEAD UTILITY LINES. ALL STREETSCAPE PLANTING SHALL BE IN ACCORDANCE WITH DPIE STANDARDS 600.01-600.20 UNLESS DIRECTED OTHERWISE BY THE DEPARTMENT.

33. PAVEMENT CORING OF ALL PAVEMENT COURSES WILL BE REQUIRED OF THE PERMITTEE USING THE FOLLOWING PROCESS:

- 48 HOURS PRIOR TO CORING, PERMITTEE CONTACTS INSPECTOR REQUESTING DEMARICATION OF CORE LOCATIONS AND PROVIDING PAVING INFORMATION NEEDED FOR THE DPIE CORE TESTING REQUEST (CTR) FORM.
- INSPECTOR RANDOMLY SELECTS AND MARKS CORE LOCATIONS. INSPECTOR WILL INITIAL EACH CORE WITH KEEL MARKER AND THEN MARK WITH SPRAY PAINT TO ENSURE THAT THE CORE THAT GOES TO THE LAB HAS COME FROM THE SELECTED LOCATION. NOTE THAT THE LOCATION OF CORES OR CORING OF THE PAVEMENT IS PERMITTED ON THE SAME DAY THAT THE PAVING HAS OCCURRED.
- AFTER CORING, INSPECTOR VERIFIES THAT CORED LOCATIONS ARE THE SAME AS MARKED (DOES NOT ABSOLUTELY HAVE TO BE PRESENT TO WITNESS).
- PERMITTEE DELIVERS CORES TO THE MATERIALS LAB WITHIN 24 HOURS FROM PAVING. NOTE: THE PERMITTEE MAY SUBMIT CORES TO A COUNTY PRE-APPROVED PRIVATE MATERIALS LAB FOR ANALYSIS. RESULTS ARE THEN SUBMITTED DIRECTLY TO THE COUNTY MATERIALS LAB.
- COUNTY MATERIALS LAB PERFORMS ANALYSIS. THE PERMITTEE MAY USE AN ACCREDITED PRIVATE LAB TO PERFORM THE ANALYSIS.
- COUNTY MATERIALS LAB PROVIDES RESULTS TO INSPECTOR AND UTILS TO PERMITTEE.

34. PERMITTEE SHALL SUBMIT PROPERTY CORNER CERTIFICATIONS AND MAILS METEAL PROPERTY MARKERS PER PRINCE GEORGE'S COUNTY CODE, SECTION 24-120, PRIOR TO ACCEPTANCE OF STREETS.

35. WASHINGTON SUBURBAN SANITARY COMMISSION 200 FOOT SHEET NO. 204 SE 04

36. DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT STORMWATER CONCEPT APPROVAL NUMBER: 21525-2015-02

37. SEDIMENT CONTROL APPROVAL NUMBER: 1-19-02

38. PRELIMINARY PLAN APPROVAL NUMBER: 4-19046

39. RECORD PLAT RECORDING NUMBER: _____

40. APPROVED STREET GRADE ESTABLISHMENT INFORMATION:

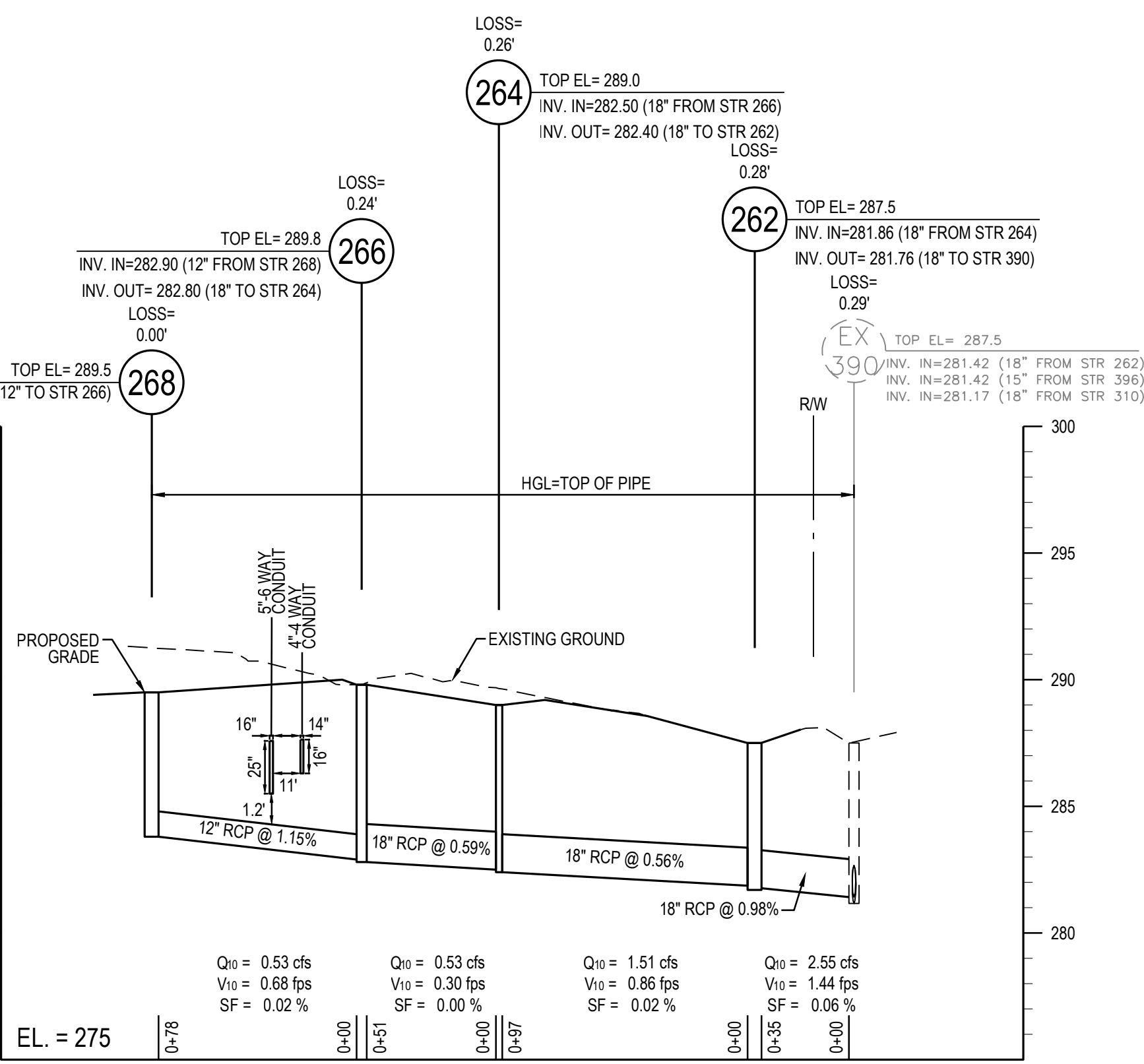
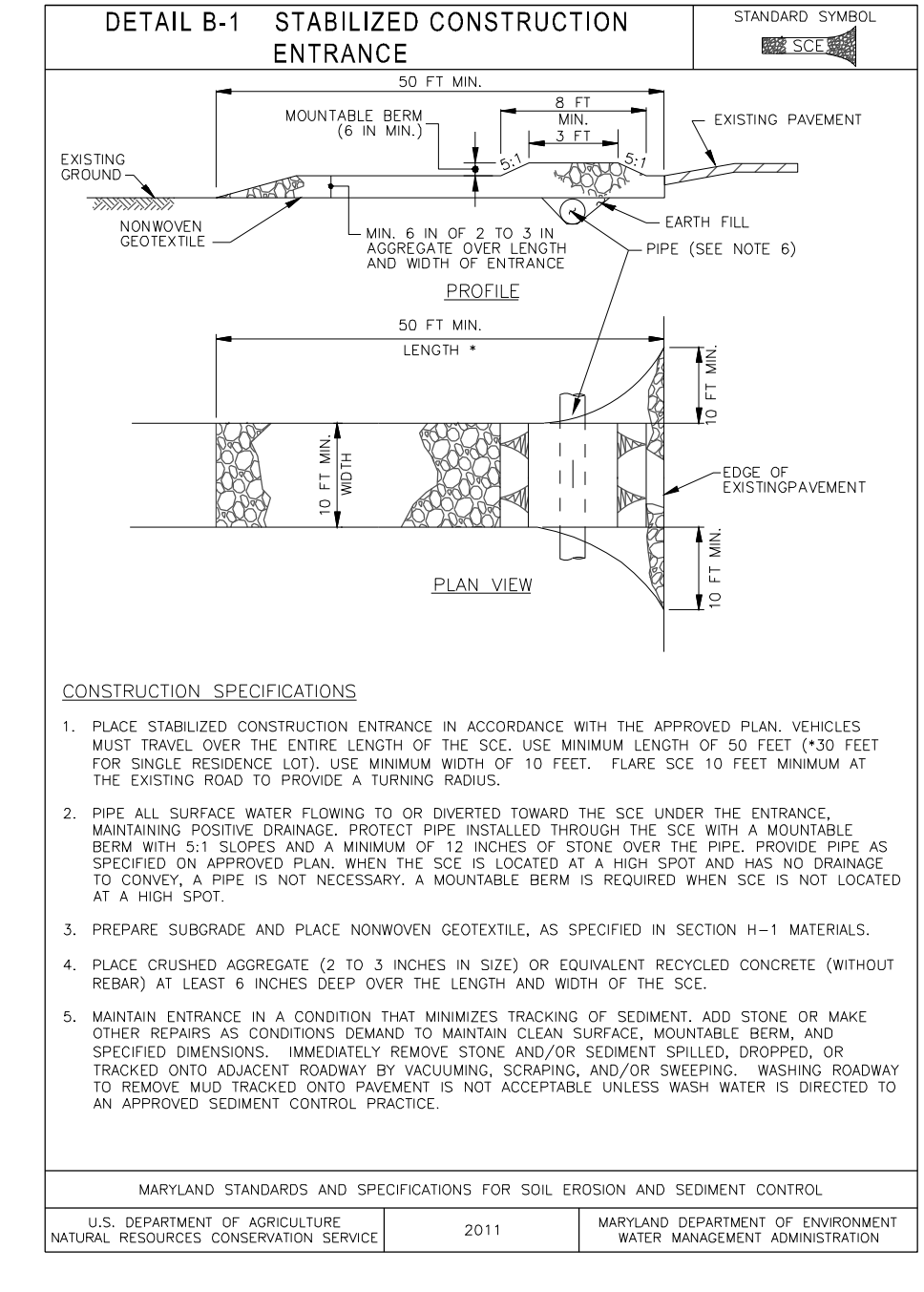
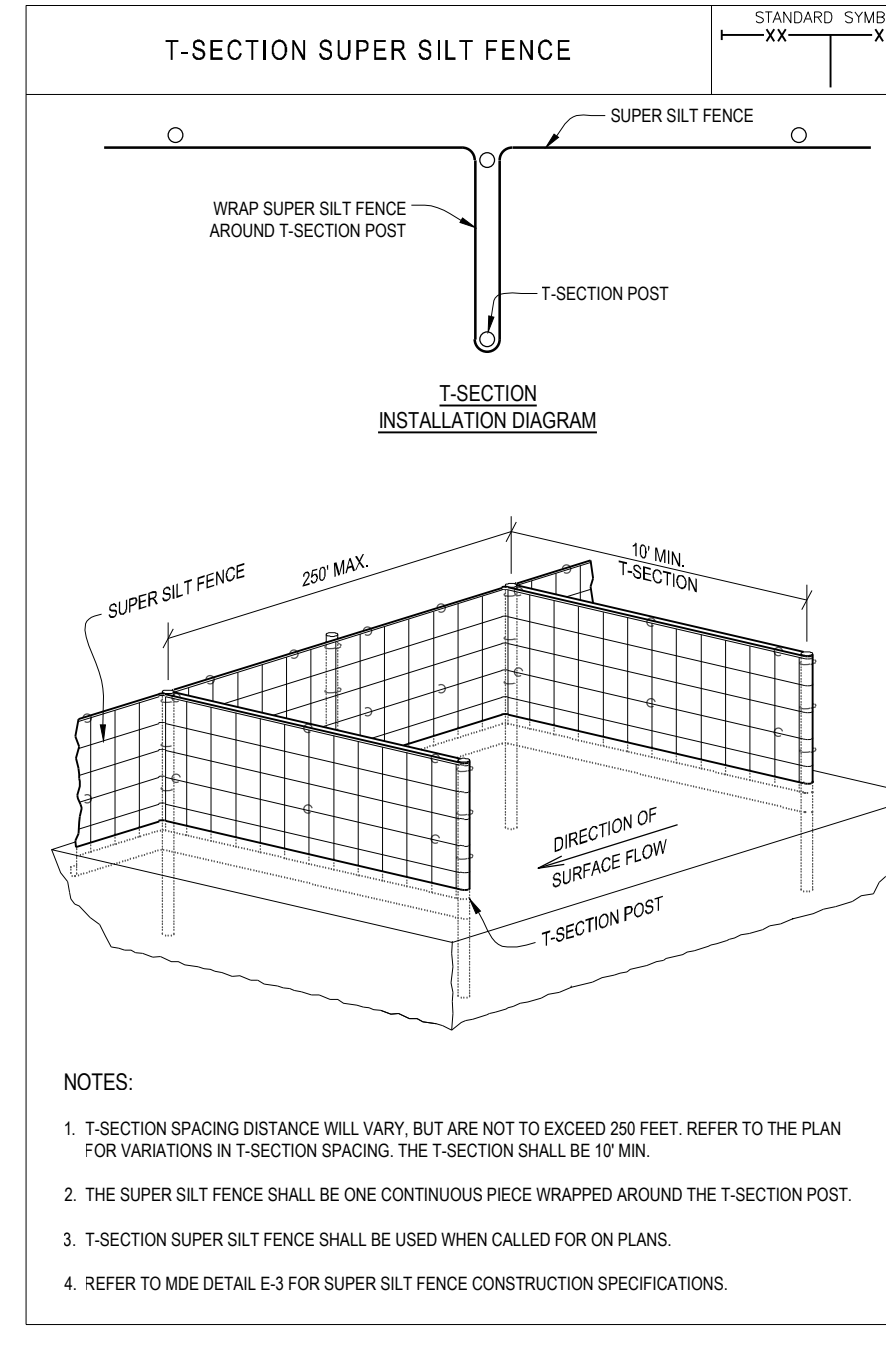
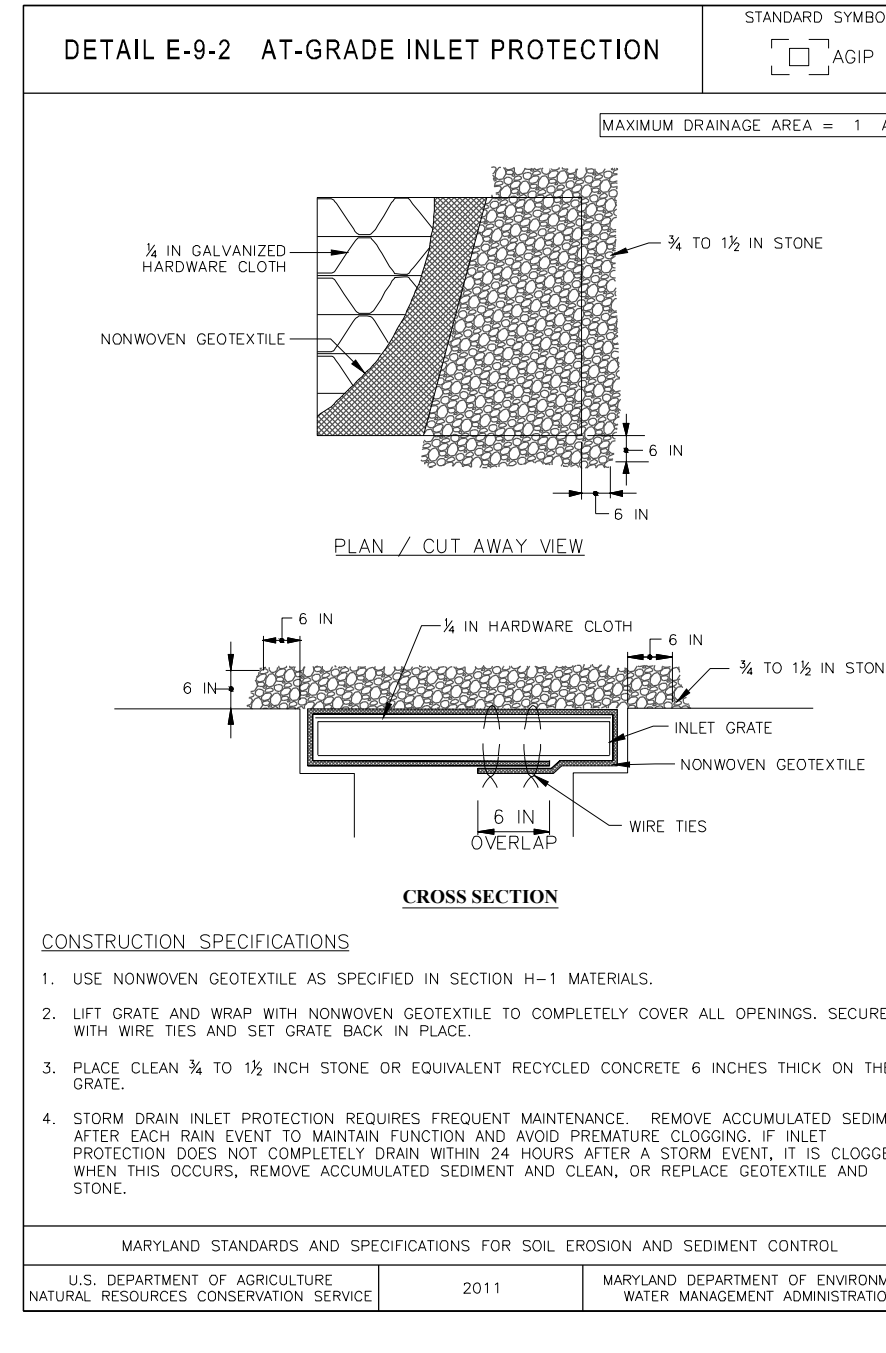
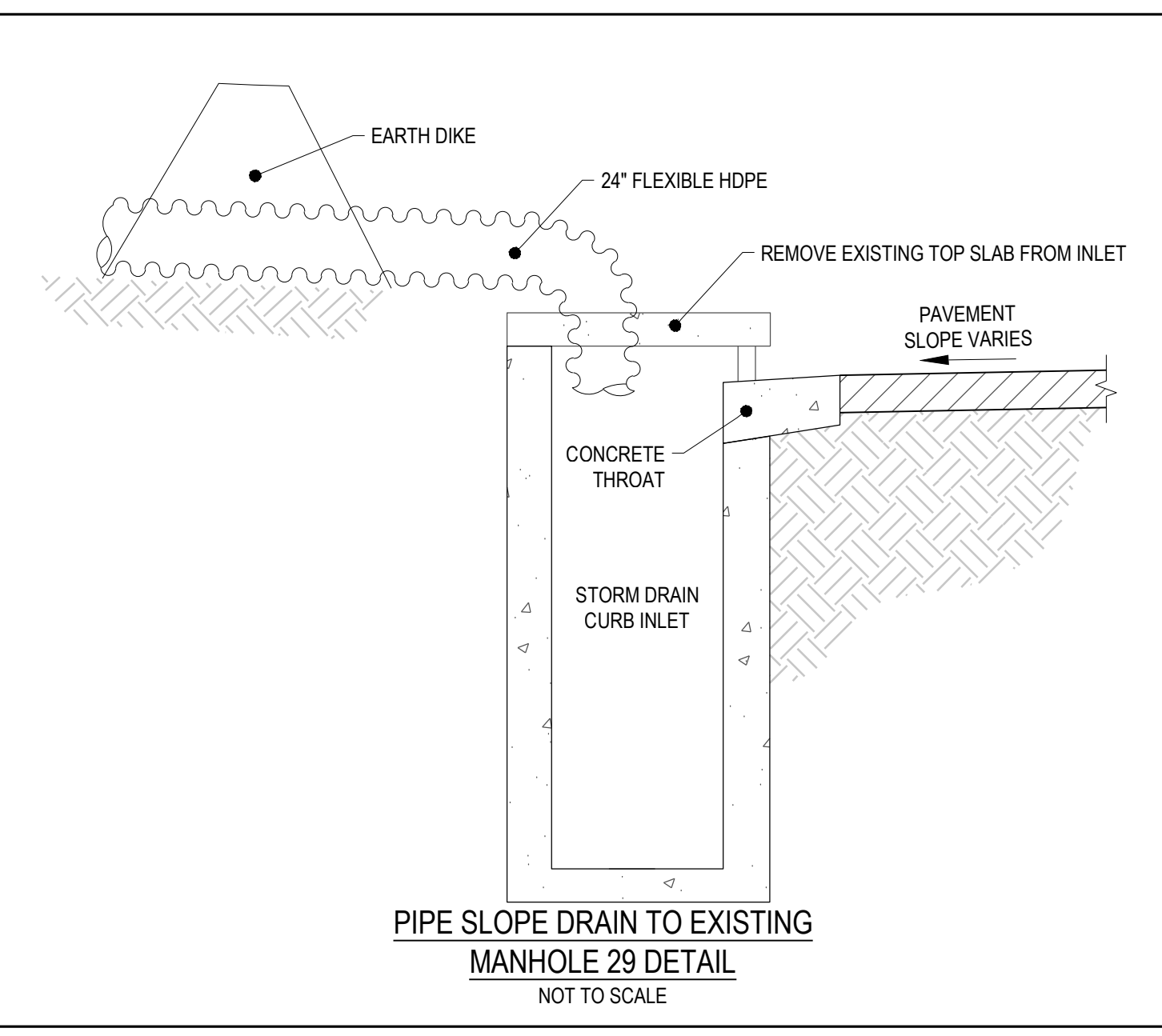
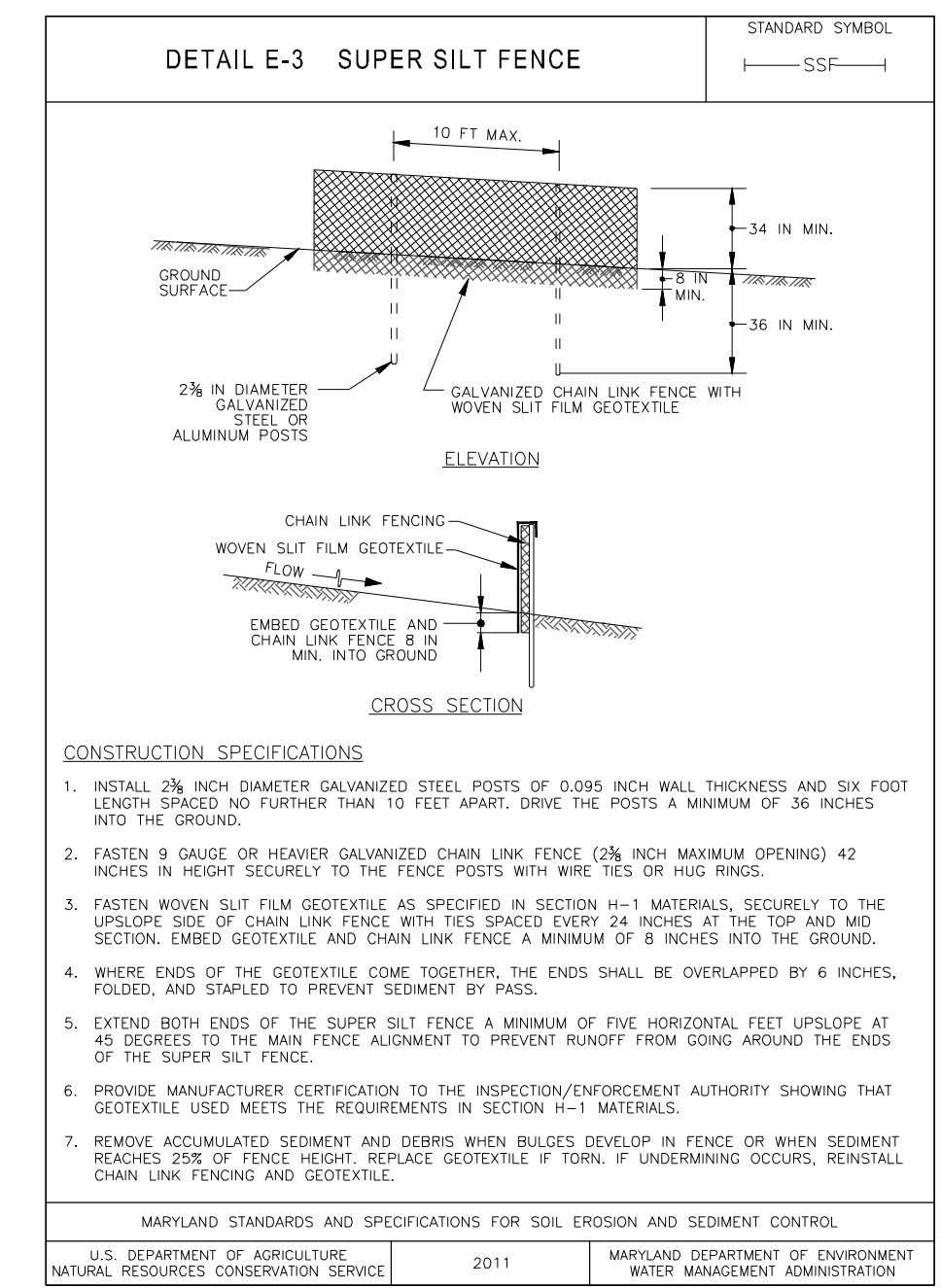
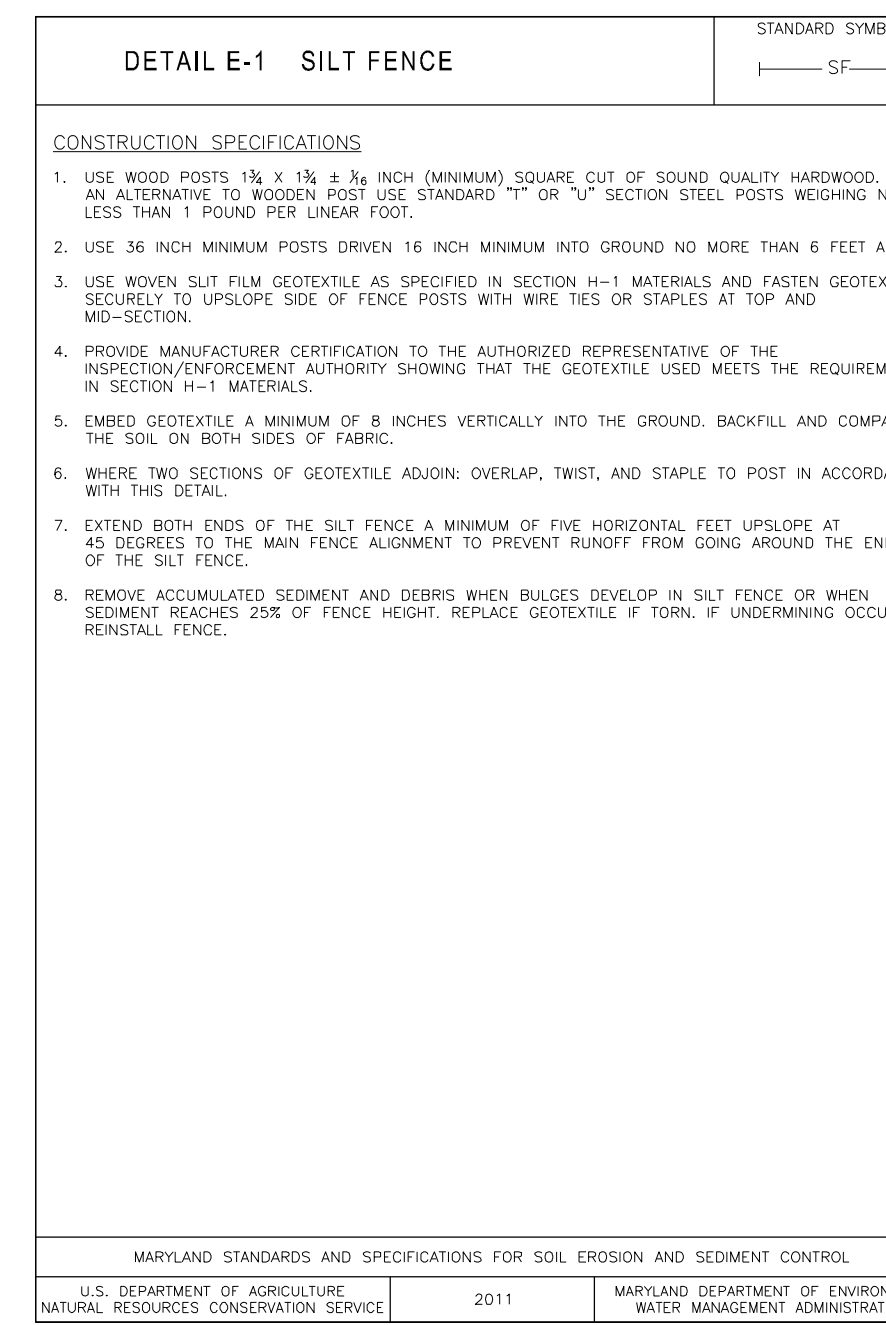
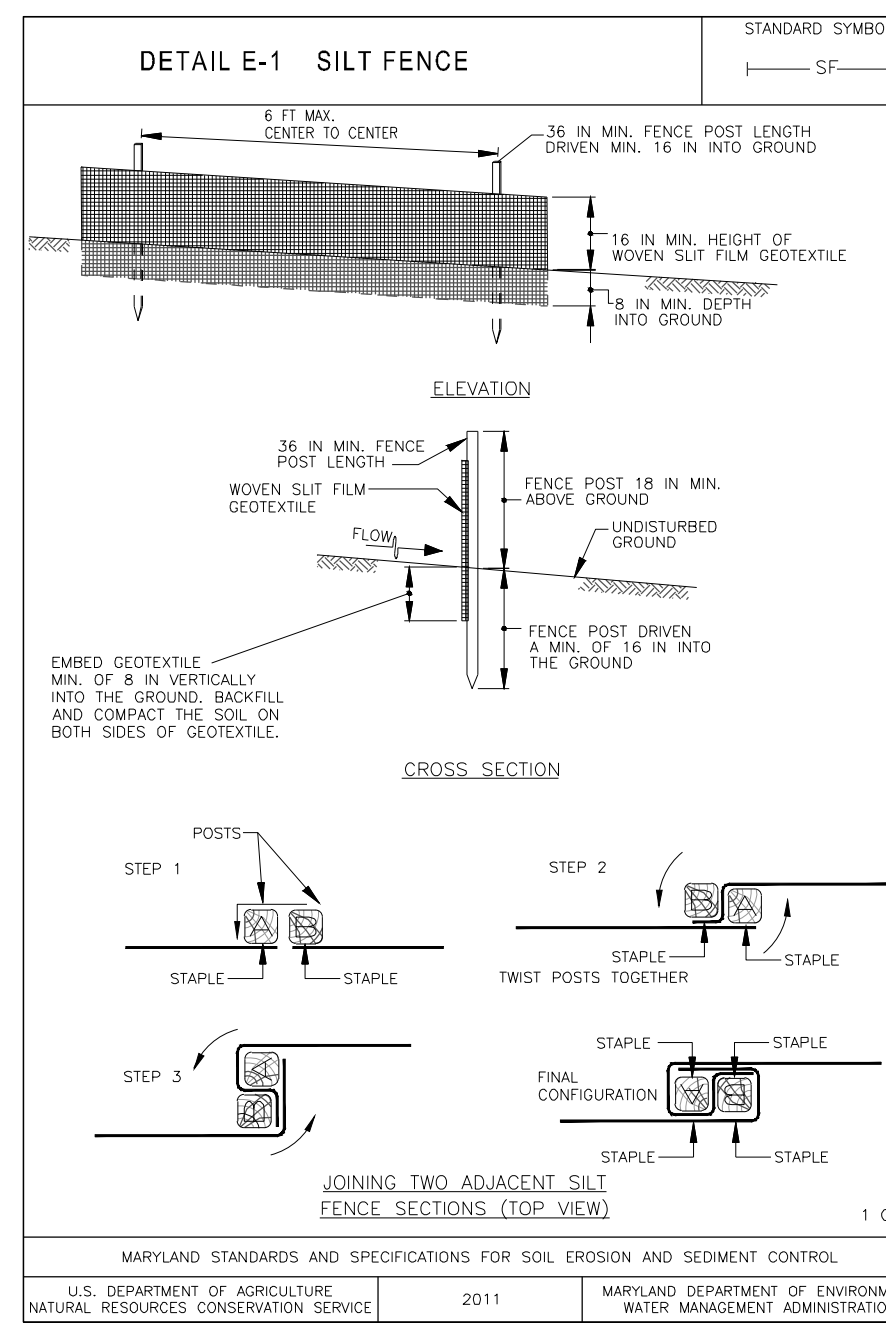
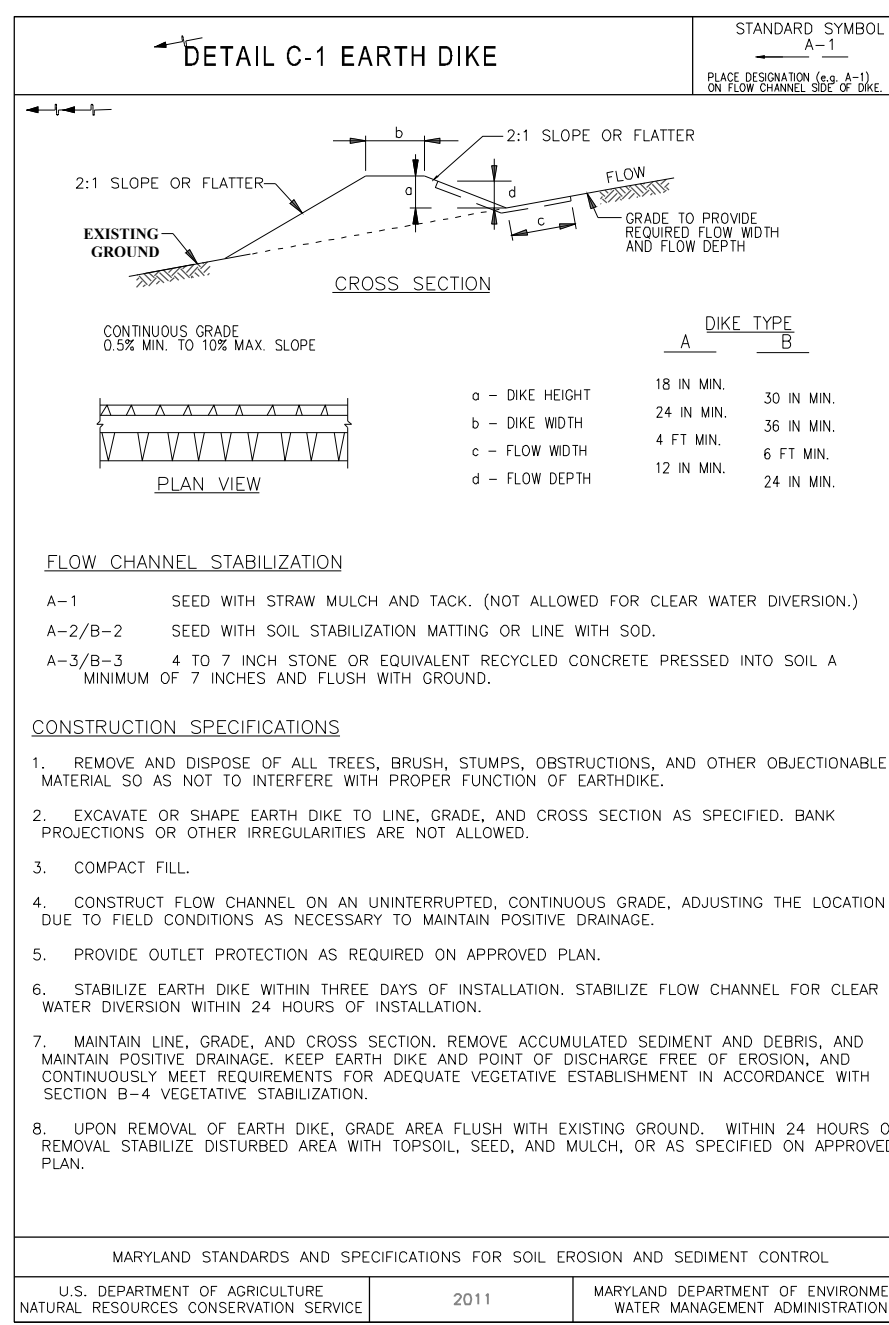
ORIGINAL STREET NAME - APPROVAL NUMBER

41. AT THE TIME OF PERMIT RELEASE, THE FOLLOWING MINIMUM SUBMITTAL REQUIREMENTS WERE APPLICABLE SHALL APPLY:

- WASHINGTON SUBURBAN SANITARY COMMISSION PAVING CLEARANCE CERTIFICATION;
- BITUMINOUS CONCRETE CORE CERTIFICATIONS, ALL PAVEMENT COURSES;
- PROPERTY MARKER CERTIFICATION;
- DEPARTMENT OF PERMITTING, INSPECTIONS AND ENFORCEMENT LETTER APPROVING STORM DRAIN AS-BUILT;
- TREE APPROVAL AND TREE BOND POSTED, IF NECESSARY;
- STREET LIGHT PROOF OF PAYMENT (MUST BE ACCOMPANIED BY A MEMORANDUM FROM DPIE'S TRAFFIC SAFETY DIVISION ACCEPTING THE PROOF OF PAYMENT); AND
- PROOF/STATEMENT THAT ALL FINANCIAL MATTERS HAVE BEEN SETTLED.

42. THE PERMITTEE IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL TRAFFIC SIGNS, TRAFFIC SIGNALS, AND ROADWAY MARKINGS FOR ROADWAY IMPROVEMENTS ON SUBDIVISION ACCESS ROADS WHICH INCLUDE ARTERIAL, COLLECTOR, INDUSTRIAL, AND ANY NECESSARY OFFSITE CONDITIONS WHICH REQUIRE ROADWAY IMPROVEMENTS. THE DESIGN AND/OR CONSTRUCTION DRAWINGS SHALL BE INCLUDED ALONG WITH THE PERMIT PLANS, AND SHALL BE REVIEWED THE DEPARTMENTS TRAFFIC SAFETY DIVISION PRIOR TO PERMIT ISSUANCE.

43. THE PERMITTEE IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL TRAFFIC MARKINGS, TRAFFIC SIGNALS, IF REQUIRED, AND PAYMENT OF FEE FOR STREET NAME SIGNS ON INTERNAL SUBDIVISION STREETS. TRAFFIC SIGNS WILL BE FURNISHED AND INSTALLED BY COUNTY FORNALS.

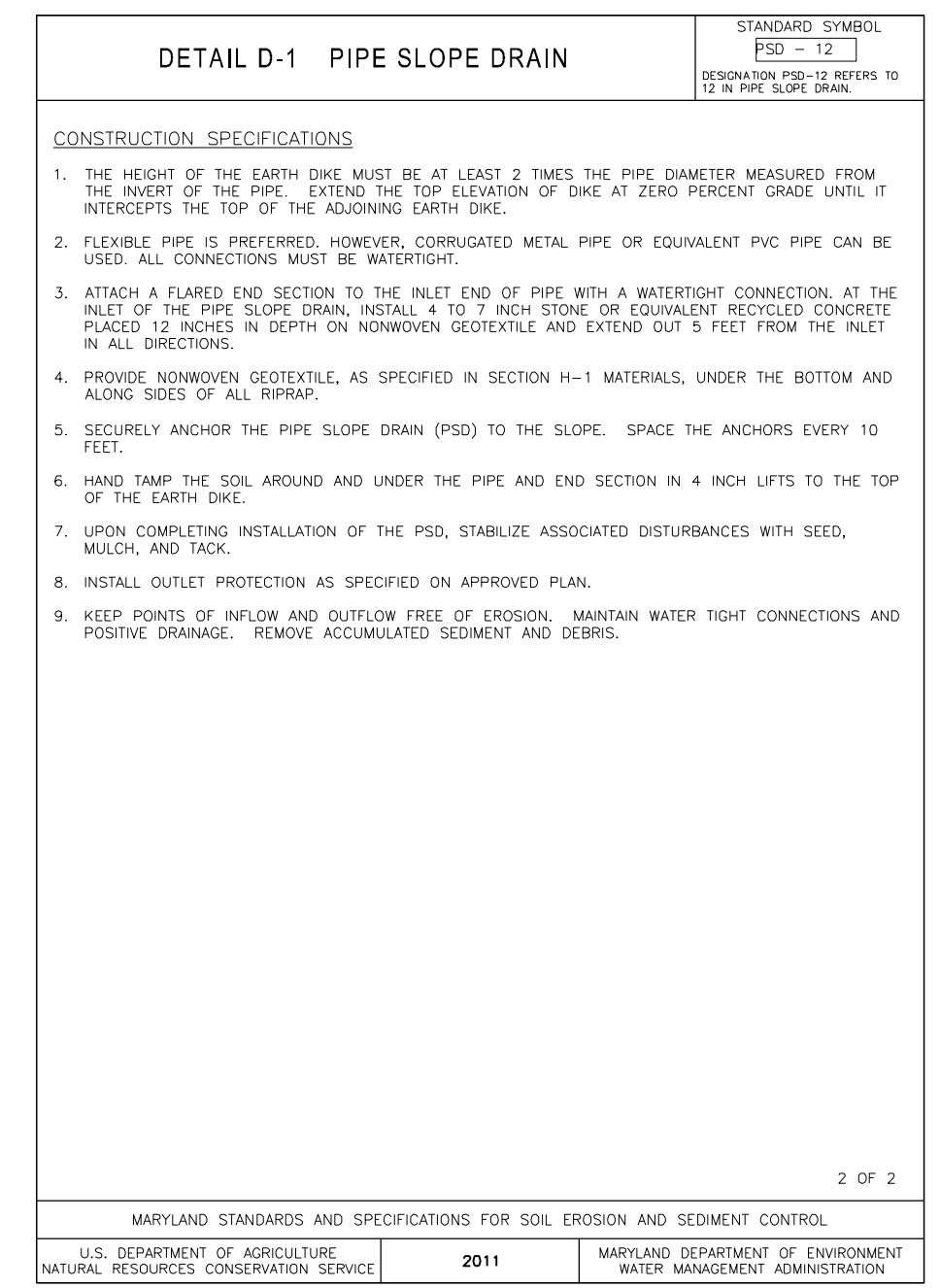
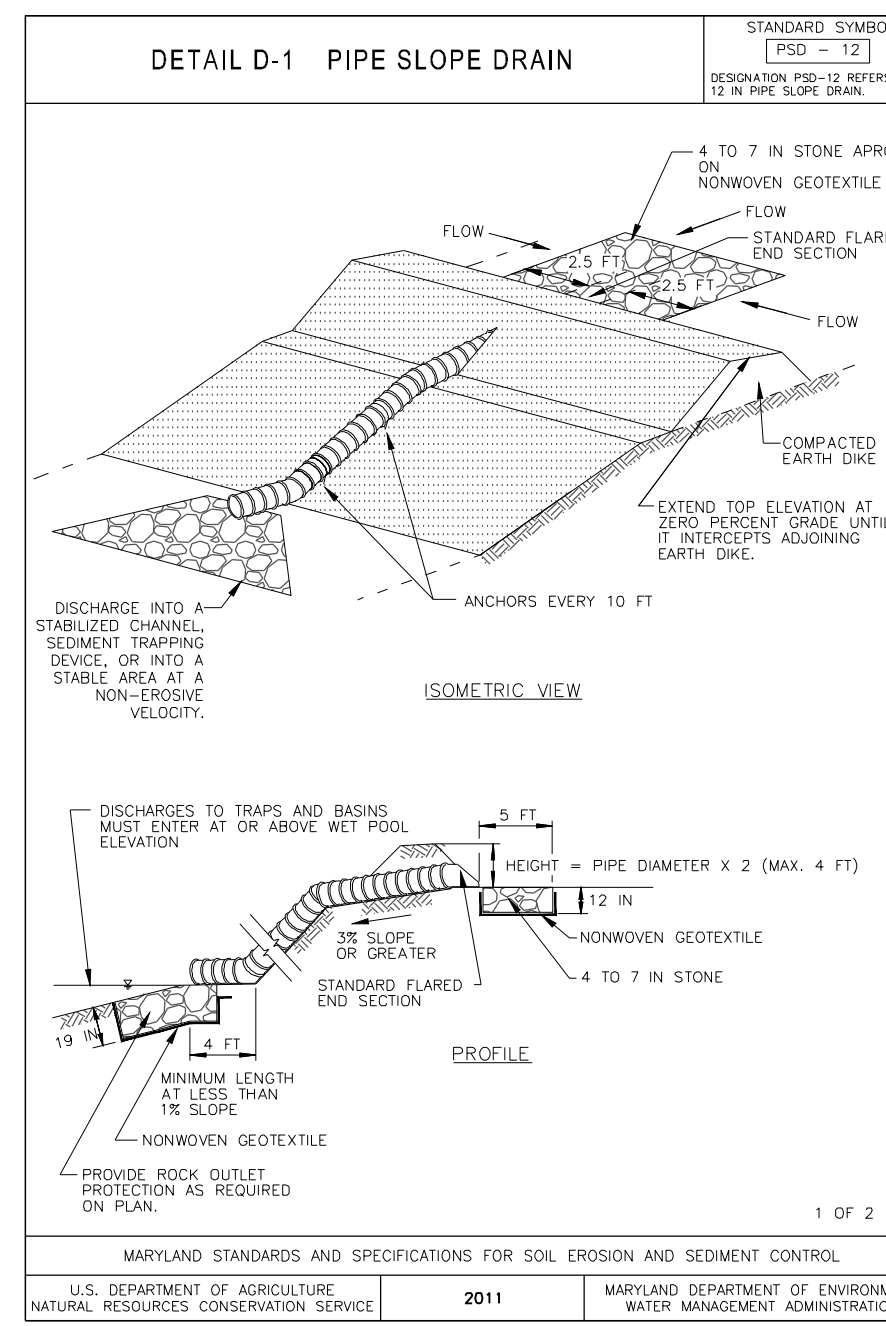
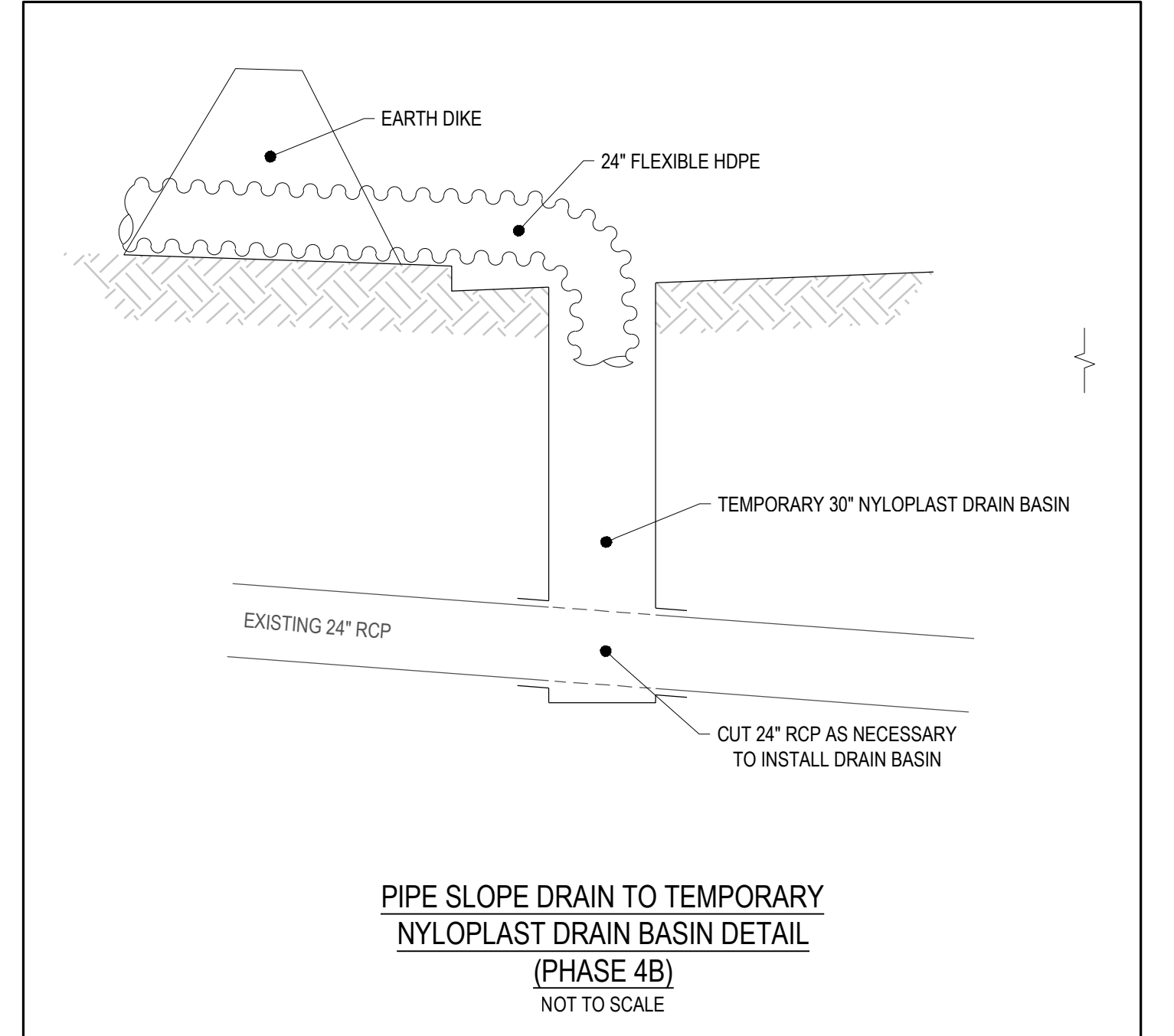


No.	TYPE	WIDTH / DIA.	INV. ELEV.	TOP ELEV.	STANDARD DETAIL
262	SINGLE WR INLET	3'-6"	281.76	287.50	SHAMD STD D 374.06
264	SINGLE WR INLET	3'-6"	282.40	289.00	SHAMD STD D 374.06
266	48" A MANHOLE	4'-0"	282.80	289.80	DER STD SD 21.1
268	SINGLE WR INLET	3'-6"	283.80	289.50	SHAMD STD D 374.06

FROM	TO	SIZE	MATERIAL	LENGTH
EX 390	262	18"	RCP-CL IV	35'
262	264	18"	RCP-CL IV	97'
264	266	18"	RCP-CL IV	51'
266	268	12"	RCP-CL IV	78'
TOTAL: 261'				

SIZE	MATERIAL	LENGTH
12"	RCP	78'
18"	RCP	183'
TOTAL: 261'		

Remarks:
RCP = REINFORCED CONCRETE PIPE CLASS IV



DPIE PERMIT # 49025-2019
FINAL GRADING, EROSION AND SEDIMENT CONTROL DETAIL AND PROFILE SHEET
FOR SITE DEMOLITION, ROUGH GRADING, INSTALLATION
OF CONTRACTOR'S LAYDOWN AREA & PEPCO SWITCH YARD
FOR LOTS 1-8, 11, SUITLAND - 1st ADDITION LOTS 2-10,
PARCELS A-D, F, G, AND LOT 1 - RESUBDIVISION OF PARCEL D

TOWNE SQUARE AT SUITLAND
FEDERAL CENTER, PHASE FOUR
SPAULDING DISTRICT No. 6
PRINCE GEORGE'S COUNTY, MARYLAND

CALL MISS UTILITY
1-800-257-7777 48 hrs,
Before Excavation

FSC SHEET 4 OF 6 (FOR SHEETS 1 THRU 6, SEE BDAI DWG. NO'S 40.002-2, 40.003-2, 40.009-2, 40.010-2 & 40.019-2 AND 40.033-2)

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

11/11/20 BID SET
11-10-20 BID SET FOR PEPCO SWITCHYARD
02/19/20 ADDED SD GENERAL NOTES AND PROFILES
08/23/18 ADDED BLDG DEMO OF LOTS 2-11

DATE DESCRIPTION REVISIONS

11/21/2020 4:21:06 PM pdmnet

11721 WOODMORE ROAD, SUITE 200
MITCHELLVILLE, MARYLAND 20712
BEN DYER & ASSOCIATES, INC.
Engineers / Surveyors / Planners
TELEPHONE (301) 430-2000
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DATE: AS SHOWN
DATE: FEBRUARY 2020

NO. J-B00136
DRAW NO. 40.010-2