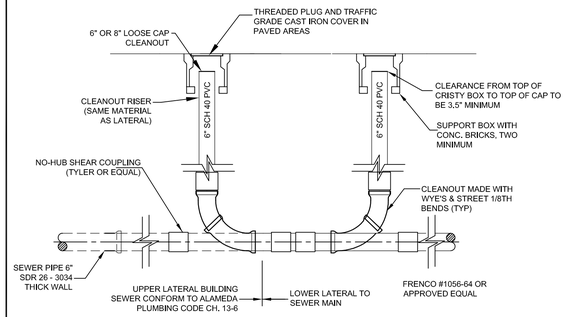
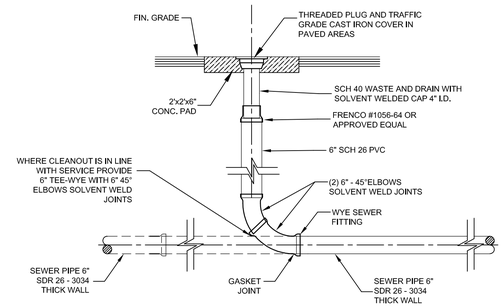


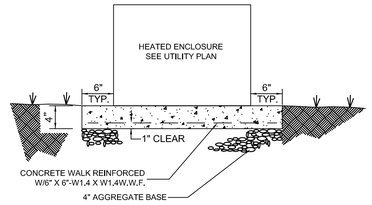
NOTE:
IN GRASS AREAS WHERE NO PAVEMENT IS PROPOSED, CONCRETE PAD SHALL NOT BE CONSTRUCTED.

1 PRIVATE SANITARY SEWER TWO WAY CLEANOUT
N.T.S.



NOTE:
IN GRASS AREAS WHERE NO PAVEMENT IS PROPOSED, CONCRETE PAD SHALL NOT BE CONSTRUCTED.

2 PRIVATE SANITARY SEWER CLEANOUT
N.T.S.



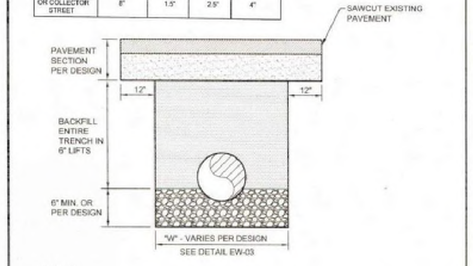
NOTE:

1. SUBGRADE COMPACTED PER SOILS REPORT.
2. CONDUITS AND WATERLINES THRU PAD AS REQUIRED PER SERVICE PROVIDER SPECS.

3 CONCRETE PAD AT BACKFLOW PREVENTER
N.T.S.

HAMPTON ROADS PDC

TABLE 1	PAVEMENT DESIGN			
ROADSIDE CLASSIFICATION	AGGREGATE BASE VDOT TYPE 1, 21A	SURFACE MIX (SM-9.5)	BASE MIX (BM-25)	TOTAL ASPHALT DEPTH
MAJOR ARTERIAL	8"	2"	10"	12"
MINOR ARTERIAL OR COLLECTOR STREET	8"	1.5"	4"	5.5"
MINOR ARTERIAL OR COLLECTOR STREET	8"	1.5"	2.5"	4"



NOTES:
1. MINIMUM PAVEMENT SECTIONS WILL BE AS SHOWN IN THE ATTACHED TABLE 1- PAVEMENT DESIGN ABOVE.
2. TOTAL UTILITY PATCH ASPHALT DEPTH SHALL BE THE TOTAL ASPHALT DEPTH SHOWN IN TABLE 1 OR THE TOTAL EXISTING PAVEMENT DEPTH WHICHEVER IS GREATER. SURFACE ASPHALT (SM-9.5) OF DEPTH SHAWN IN TABLE 1 SHALL BE PROVIDED.
3. SEESPECIAL PROVISION SECTIONS 317.II EXECUTION 2.1 GENERAL F. THRU J AND 317.II MEASUREMENT FOR PAVEMENT _F. FOR REQUIRED EXTENTS OF RESTORATION.
4. BACKFILL TO BE PLACED AND COMPACTED ACCORDING TO SPECIFICATIONS SECTION 303. BACKFILL SHALL BE SELECT MATERIAL TYPE I WITH A MINIMUM CBR OF 20 AS SPECIFIED IN THE VDOT ROADS & BRIDGE SPECIFICATIONS.
5. BACKFILL MATERIAL PER SPEVCIFICATIONS SECTION 200.

FOR FLEXIBLE PAVEMENT
NOT TO SCALE

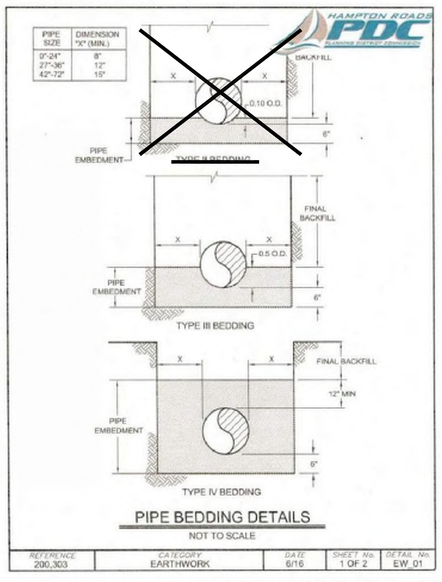
REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,303,309,310,313,315	ROADWAY CONSTRUCTION	6/16	1 OF 1	RC_01

* MODIFIED PER THE STANDARD DETAIL MODIFICATIONS IN THE SPECIAL PROVISIONS

4

HAMPTON ROADS PDC

PIPE SIZE	DIMENSION "X" (MIN.)
0"-24"	8"
27"-36"	12"
42"-72"	15"



PIPE BEDDING DETAILS
NOT TO SCALE

REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,303	EARTHWORK	6/16	1 OF 2	EW_01

* MODIFIED PER THE STANDARD DETAIL MODIFICATIONS IN THE SPECIAL PROVISIONS.
PIPE BEDDING DETAILS FOR USE ON GRAVITY SANITARY SEWER AND RELATED COMPONENTS ONLY.
SEE TYPICAL FORCE MAIN TRENCH DETAIL ON SHEET XX FOR TRENCH DETAIL FOR HRSD FORCE MAIN.

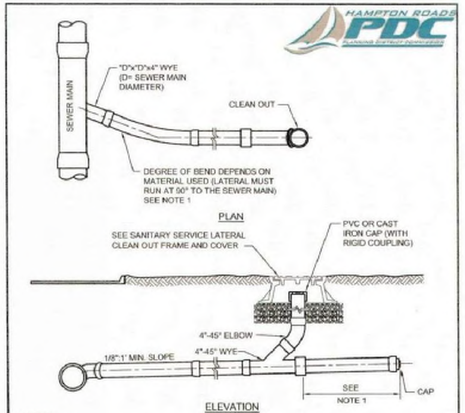
HAMPTON ROADS PDC

NOTES:
1. * THESE BEDDING DETAILS ARE NOT INTENDED FOR THERMOPLASTIC STORM DRAINAGE PIPE
2. BEDDING SHALL BE COMPACTED GRANULATED MATERIAL (GRAVEL- MAX SIZE 3/4 ") #57 STONE CHOKE WITH SAND OR 21A.
3. TRENCH BOTTOM TO BE FREE OF WATER BEFORE PLACING BEDDING.
4. SHAPE RECESSES FOR BELL OF PIPE BY HAND.
5. BACKFILL ABOVE BEDDING WITH SPECIFIED BACKFILL MATERIAL. SEE SPECIFICATIONS SECTION 303.
6. REFER TO CONTRACT DOCUMENTS FOR TYPE OF BEDDING.
7. MINIMUM TRENCH WIDTH SHALL CONFORM TO PIPE MANUFACTURER'S RECOMMENDATIONS IF MORE STRINGENT.
8. TRENCH BOX OR OTHER SHORING METHODS SHALL NOT DISTURB PIPE EMBEDMENT AND BEDDING MATERIAL AFTER COMPACTION.
9. * BEDDING SHALL BE INCLUDED IN THE PRICE OF THE PIPE UNLESS OTHERWISE INDICATED.
10. CRUSHED CONCRETE IS ACCEPTABLE WHEN APPROVED BY THE CITY.

REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,303	EARTHWORK	6/16	2 OF 2	EW_01

5

HAMPTON ROADS PDC



ELEVATION

NOTES:
1. PROVIDE A CAPPED EXTENSION TO PROPERTY LINE PER LOCALITY REQUIREMENTS.
2. LATERAL PIPE SHALL BE THE SAME MATERIAL AS THE MAIN, UNLESS DUE TO SPECIAL CIRCUMSTANCES THE LOCALITY REQUIRES THE PIPE TO BE DUCTILE IRON. DUCTILE IRON SHALL REQUIRE A 6" STUB WITH MJ PLUG OR MJ CAP.
3. SEE PLANS FOR LOCATION OF CLEAN OUT.
4. TRACER WIRE SHALL BE INSTALLED CONTINUOUSLY FROM THE MAIN TO THE RIGHT OF WAY LINE DIRECTLY ON TOP OF THE PVC LATERAL. TRACER WIRE SHALL BE ATTACHED TO THE LATERAL.
5. * CAP SHOULD BE PVC INVERTED.
6. * CONTRACTOR SHALL GPS LOCATE THE CLEANOUT AND SUBMIT THE INFORMATION TO THE OWNER PER HRPDC REGIONAL CONSTRUCTION STANDARDS SECTION 105.

SANITARY SEWER SERVICE CONNECTION
NOT TO SCALE

REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,802	SANITARY SYSTEMS	6/16	1 OF 1	SS_14

* MODIFIED PER THE STANDARD DETAIL MODIFICATIONS IN THE SPECIAL PROVISIONS

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REVISIONS:

ISSUE DATE:

1	PERMIT/BID SET	02-12-21
2	CITY COMMENTS	08-17-21
3	CITY COMMENTS	10-22-21
4	CITY COMMENTS	12-15-21
5	CITY COMMENTS	01-27-22
	ISSUE FOR BID (DT)	02-04-22

DRAWN BY: LEB

PANDA PROJECT #: S8-21-D8164
PANDA STORE #: - D-8164
ARCH PROJECT #: - XXXXX-XXX

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01/27/2022

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