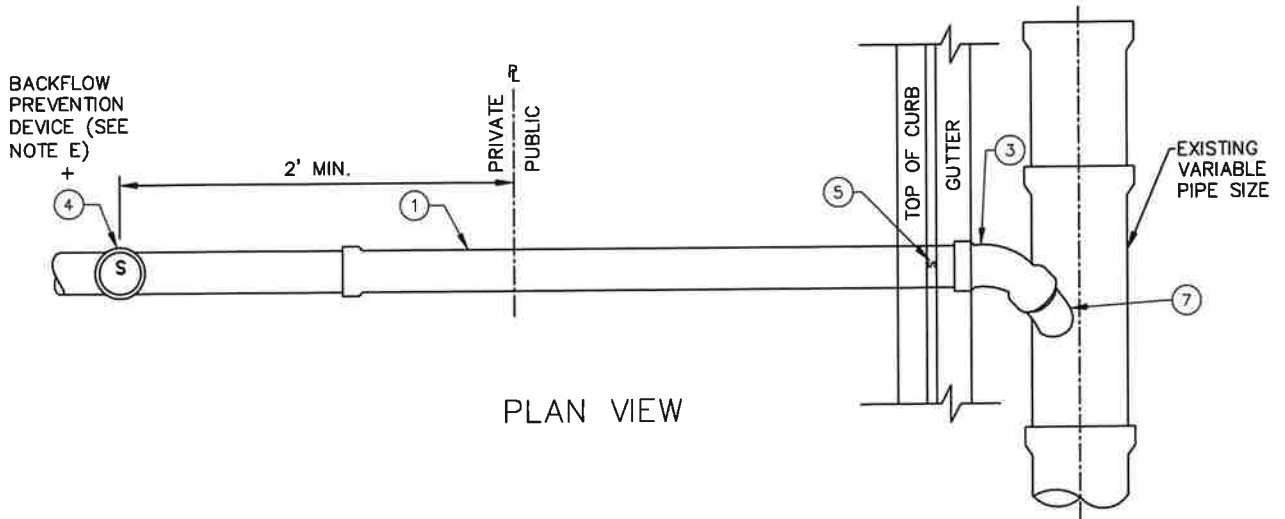
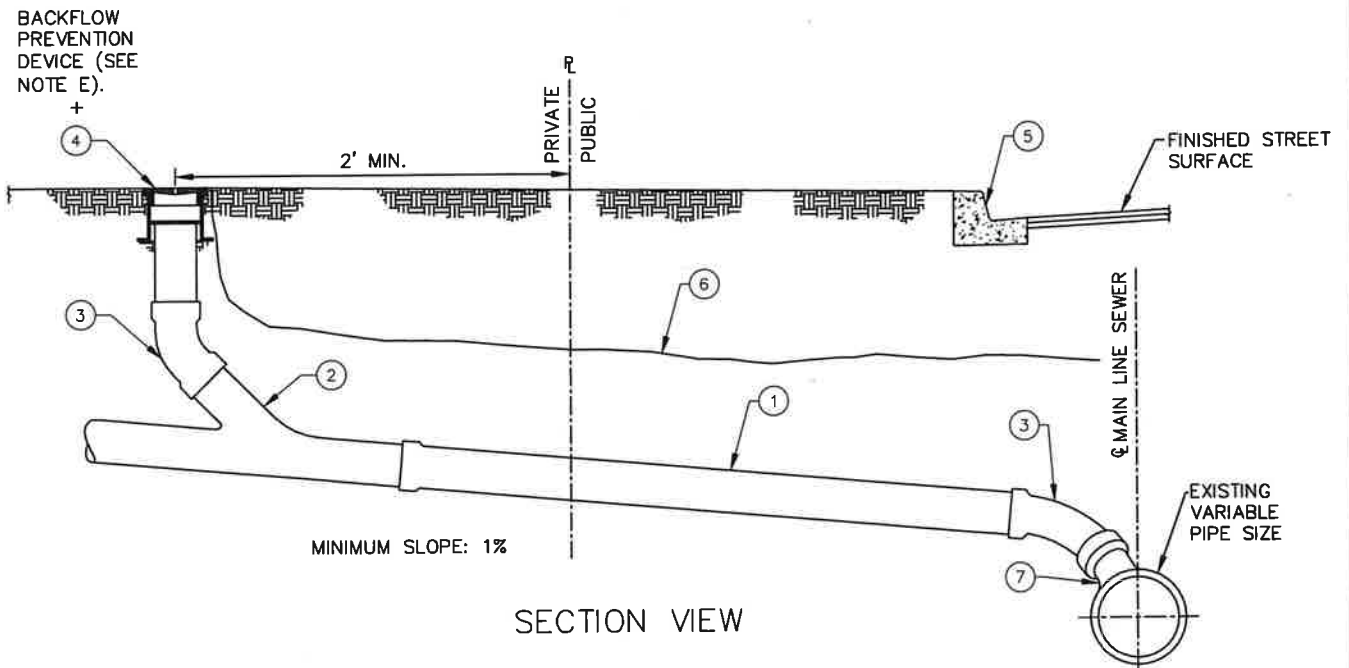



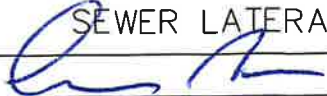
CASE A: UNLINED SEWER MAIN



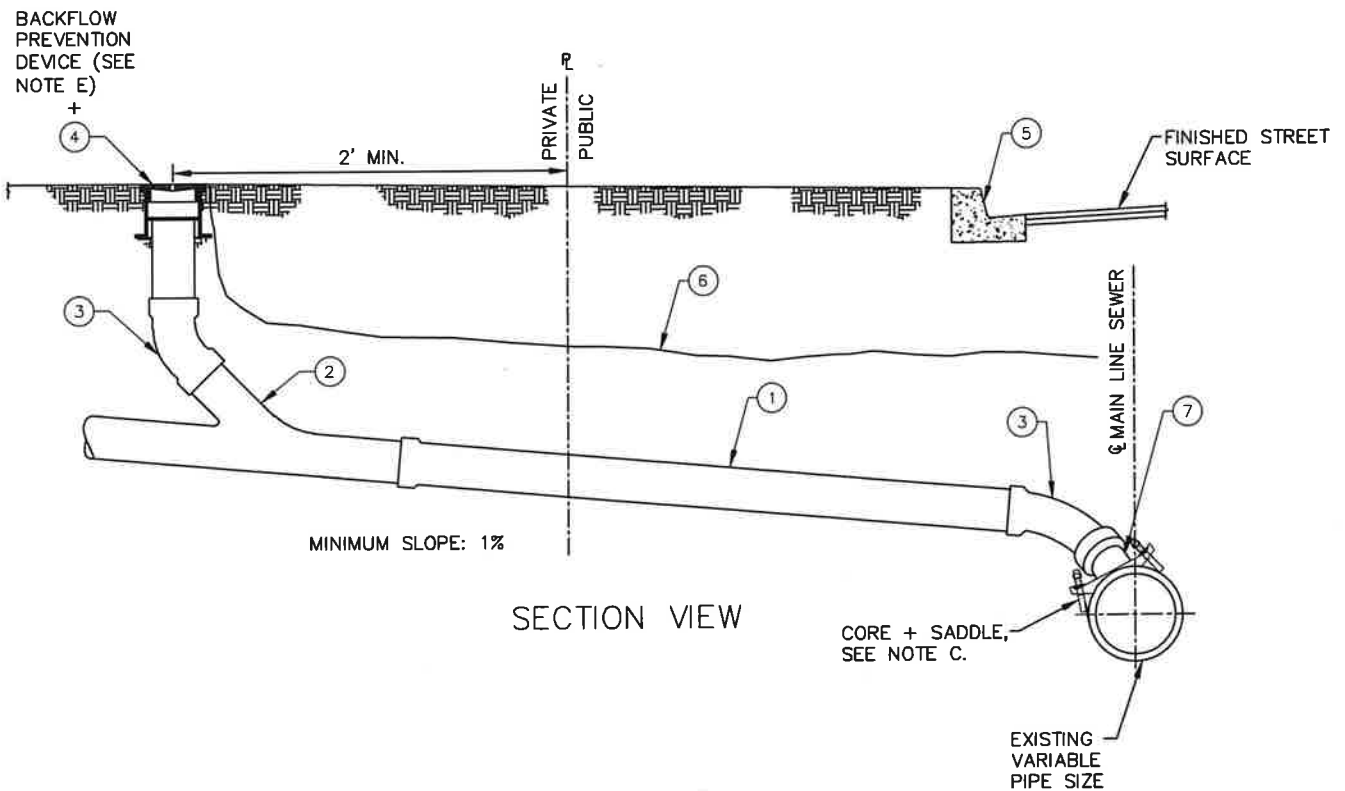
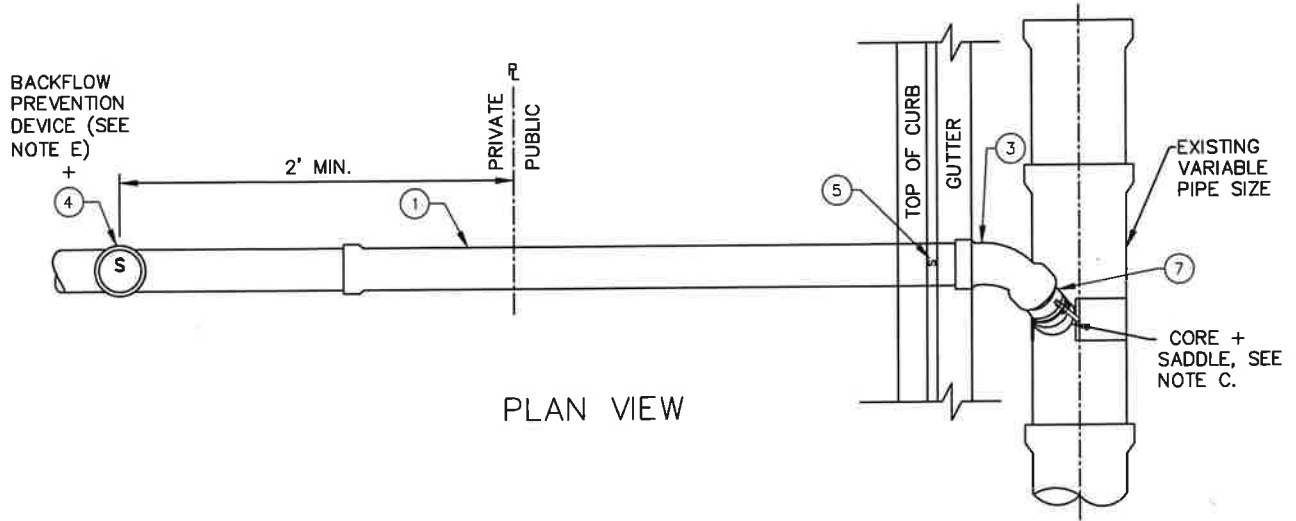
PLAN VIEW



SECTION VIEW

	CITY OF HERMOSA BEACH DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO. 118
	SEWER LATERAL DETAIL	
	APPROVED BY:  CITY ENGINEER	DATE: <u>6-10-24</u>

CASE B: LINED SEWER MAIN



CITY OF HERMOSA BEACH
DEPARTMENT OF PUBLIC WORKS

SEWER LATERAL DETAIL

APPROVED BY:

CITY ENGINEER

DATE:

6.10.24

STANDARD
PLAN NO.
118

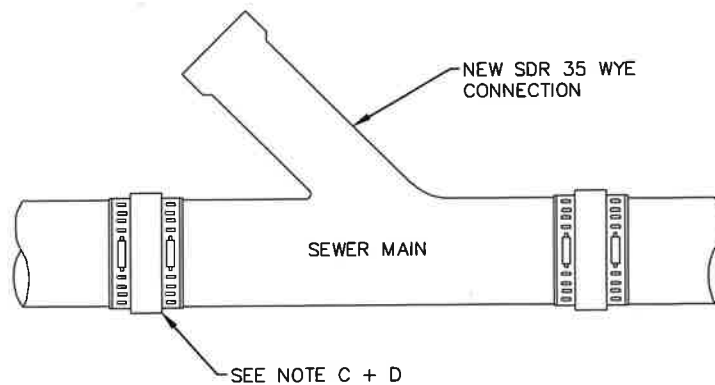
SHEET
2 OF 3

GENERAL NOTES:



- A. SEWER AND WATER LINE SEPARATION SHALL COMPLY WITH SECTION 64572 OF THE CALIFORNIA CODE OF REGULATION TITLE 22 CHAPTER 16.
- B. IF USING EXISTING WYE, SEWER MAIN MAY NEED TO BE CCTV BY CONTRACTOR PRIOR TO LATERAL CONNECTION TO DETERMINE CONDITION OF MAIN AND METHOD OF LATERAL CONNECTION.
- C. SADDLES ARE NOT ALLOWED UNLESS THE MAIN SEWER PIPE IS CONCRETE OR LINED, IN GOOD CONDITION, AND APPROVED BY PUBLIC WORKS ENGINEER. WHEN USING A SADDLE UNDER THESE CONDITIONS IT SHALL BE ROMAC INDUSTRIES, INC. STYLE CB OR APPROVED EQUAL, SIZED TO MATCH THE MAIN. OTHERWISE A PORTION OF THE MAIN SEWER LINE SHALL BE REPLACED WITH INSTALLATION OF A NEW WYE OF THE SAME MATERIAL AND THICKNESS WITH COUPLINGS PRIOR TO LATERAL CONNECTION (SEE DETAIL A).
- D. COUPLERS TO BE APPROVED BY PUBLIC WORKS INSPECTOR.
- E. BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED AT THE CLEANOUT.
- F. ALL FITTINGS MUST BE OF THE SAME MATERIAL AS THE LATERAL.
- G. ALL NEW LATERALS SHALL BE 6".
- H. SEWER LATERALS INSTALLATION SHALL CONFORM TO APPLICABLE PORTIONS OF SPPWC 222-2 AND 223-3.
- I. CLEAN OUT SHALL BE INSTALLED WITHIN PROPERTY BEHIND PROPERTY LINE (2 FEET MINIMUM).
- J. ALL CONSTRUCTION METHODS UTILIZED TO EXECUTE THE WORK SHALL COMPLY WITH THE CITY OF HERMOSA BEACH STD 117 IF APPLICABLE. THE SITE SHALL BE FULLY RESTORED TO EXISTING CONDITION OR BETTER FOR WORK TO BE CONSIDERED COMPLETE, INCLUDING TURF & LANDSCAPED AREAS, CONCRETE FLATWORK, ASPHALT CONCRETE AND PAVEMENT MARKINGS AS APPLICABLE.
- K. CONTRACTOR SHALL CONTACT DIG ALERT 48 HOURS BEFORE EXCAVATION AND ALL DIG ALERT MARKINGS ARE TO BE REMOVED AFTER CONSTRUCTION BEFORE PROJECT IS FINALED.
- L. SEWER CARD INFORMATION MUST BE FILLED AND COMPLETED.

CONSTRUCTION NOTES:

- ① SDR 35 SEWER LATERAL.
- ② SDR 35 WYE FITTING.
- ③ SDR 35 45° BEND. BEND SHALL POINT DOWNSTREAM AND ENTER MAIN AT A VERTICAL ANGLE OF NOT LESS THAN 5' OR MORE THAN 45°.
- ④ INSTALL CLEANOUT PER SPPWC STD 204-3.
- ⑤ CURB FACE SHALL BE ENGRAVED WITH AN "S" DIRECTLY OVER LATERAL, THE "S" SHALL BE "2" HIGH LETTER AND ¼" DEEP.
- ⑥ PLACE UNDERGROUND WARNING METAL TAPE PER APWA UNIFORM COLOR CODE. USE 3 INCH WIDE DETECTABLE WARNING TAPE FOR PIPES AT DEPTH UP TO 24 INCHES AND 6 INCH WIDE DETECTABLE WARNING TAPE FOR PIPES AT DEPTH ABOVE 24 INCHES.
- ⑦ SDR 35 SEWER MAIN WYE CONNECTION, CUSTOM FABRICATED FOR COMPATIBILITY WITH EXISTING MAIN SEWER LINE.



DETAIL A

	CITY OF HERMOSA BEACH DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO. 118
	SEWER LATERAL DETAIL	
	APPROVED BY:  CITY ENGINEER	DATE: <u>6-10-24</u>