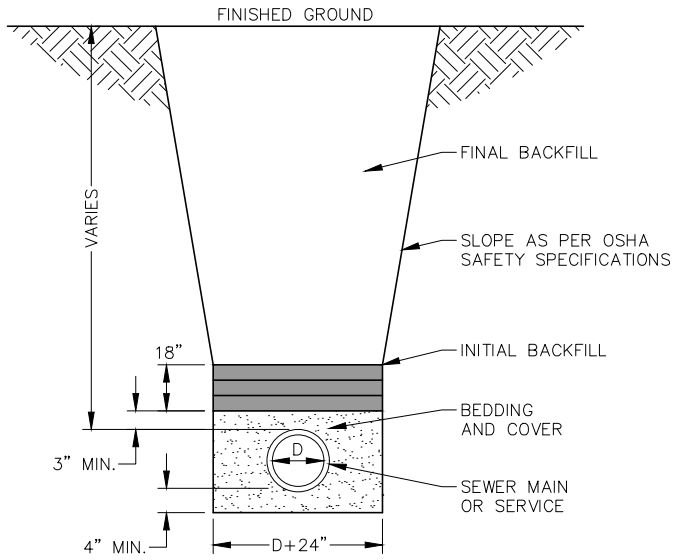
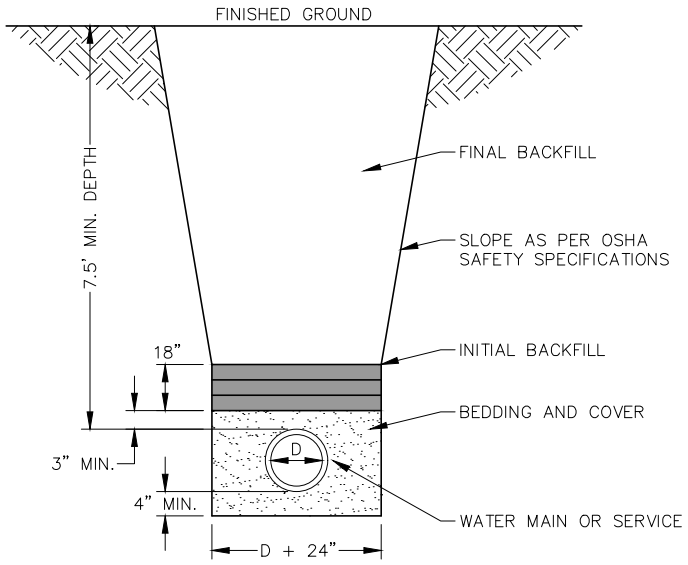


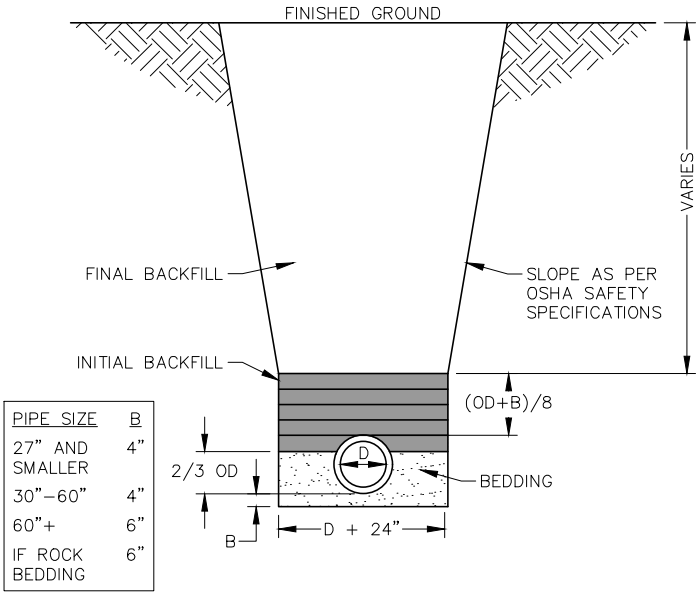
SANITARY SEWER MAIN OR SERVICE TRENCH		CITY ENGINEER APPROVED: BLO	DATE: 08.23.19
SECTION No. 312316.13	DRAWING No. 1	PUBLIC WORKS APPROVED: RAS	DATE: 08.23.19
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 07.17.19	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\Kindred Details-PSS.dwg



WATER MAIN OR SERVICE TRENCH		CITY ENGINEER APPROVED: BLO	DATE: 08.23.19
SECTION No. 312316.13	DRAWING No. 2	PUBLIC WORKS APPROVED: RAS	DATE: 08.23.19
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 07.17.19	

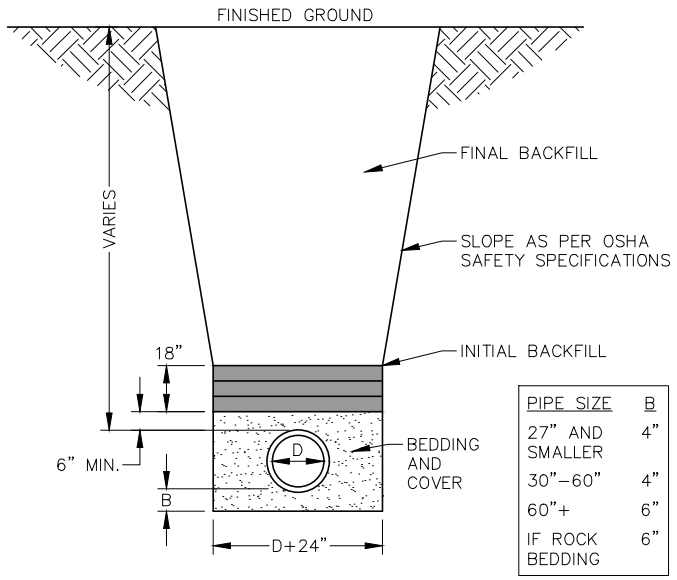
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PIPE SIZE	B
27" AND SMALLER	4"
30"–60"	4"
60"+	6"
IF ROCK BEDDING	6"

RCP STORM SEWER TRENCH		CITY ENGINEER APPROVED: BLO	DATE: 08.23.19
SECTION No. 312316.13	DRAWING No. 3	PUBLIC WORKS APPROVED: RAS	DATE: 08.23.19
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 07.17.19	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\Kindred Details-PSS.dwg

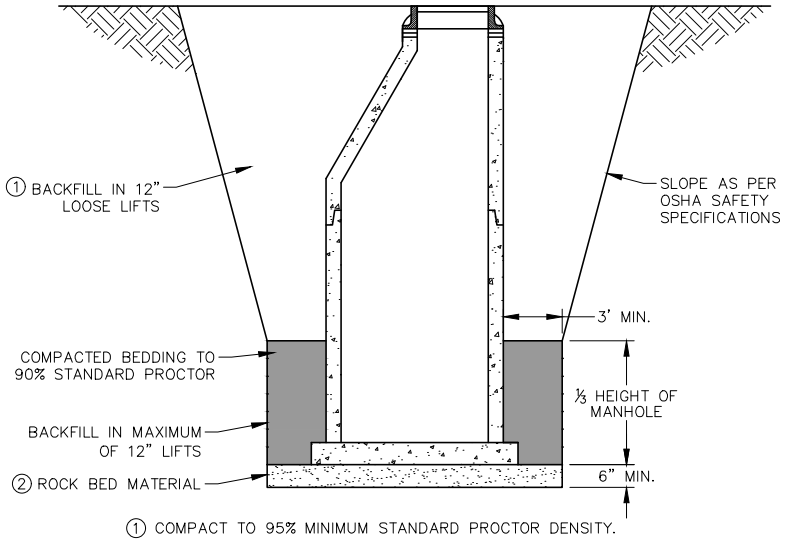


PIPE SIZE	B
27" AND SMALLER	4"
30"–60"	4"
60"+	6"
IF ROCK BEDDING	6"

NOTE:
1. CS PIPE IS CONSIDERED A FLEXIBLE PIPE.

FLEXIBLE PIPE STORM SEWER TRENCH		CITY ENGINEER APPROVED: BLO	DATE: 08.23.19
SECTION No. 312316.13	DRAWING No. 4	PUBLIC WORKS APPROVED: RAS	DATE: 08.23.19
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 07.17.19	

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① COMPACT TO 95% MINIMUM STANDARD PROCTOR DENSITY.

② ROCK BED MATERIAL SHALL BE 1–1/4" CRUSHED ROCK. ROCK FOR BEDDING AND COMPACTED GRANULAR MATERIAL ARE INCIDENTAL TO MANHOLE INSTALLATION.

③ DETAIL SHALL BE USED FOR ALL MANHOLES AND CATCH BASINS.

MANHOLE/CATCH BASIN TRENCH

NO SCALE

MANHOLE/CATCH BASIN TRENCH		CITY ENGINEER APPROVED: BLO	DATE: 04.17.26
SECTION No. 312316.13	DRAWING No. 1	PUBLIC WORKS APPROVED: RAS	DATE: 04.17.26
CITY OF KINDRED ENGINEERING		CITY COUNCIL APPROVED DATE: 05.06.26	

FILE LOCATION: C:\Users\payton.sterud\OneDrive - Vistal\330561_Completed Redlines and Civil3D\KindredStormDetails-PSS.dwg