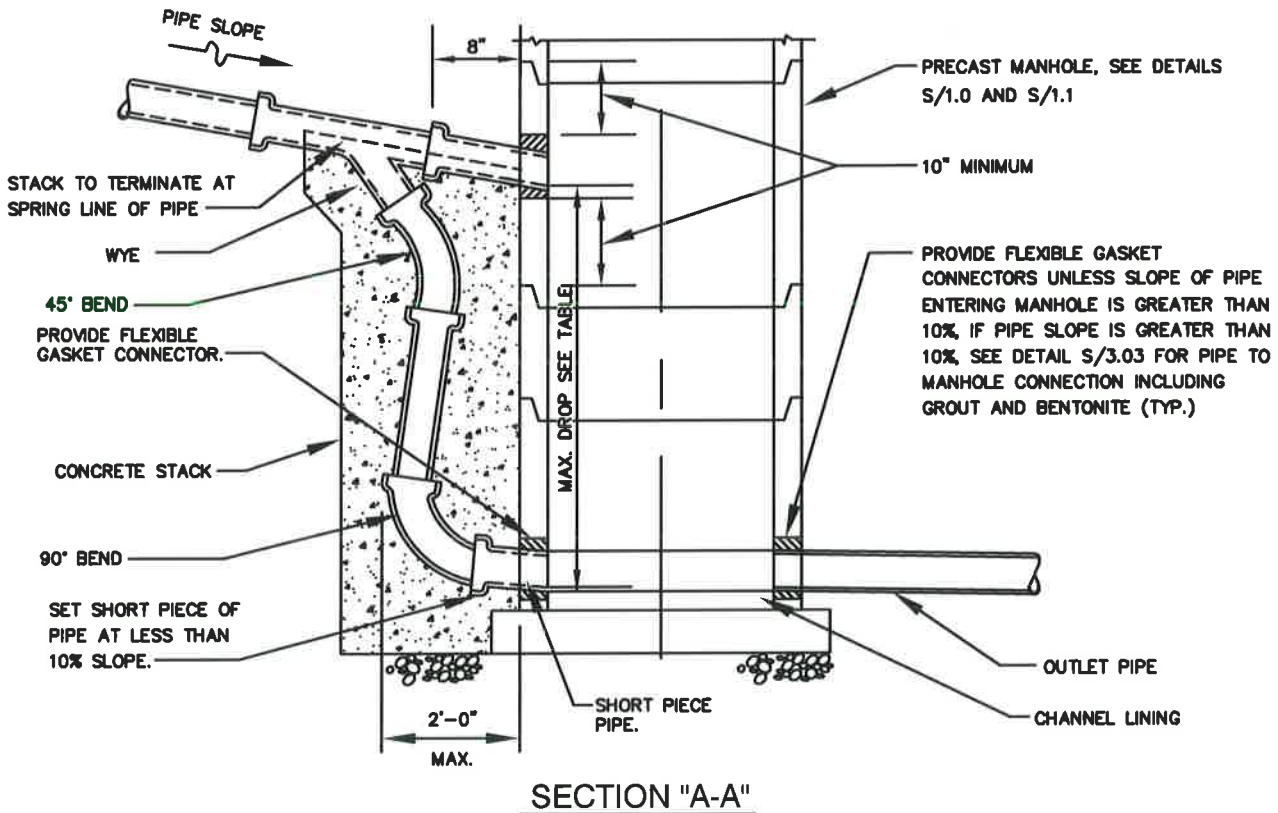


DROP SIZE	DIMENSION
	W
8"	20"
10"	24"
12"	28"

MAX. PIPE SLOPE	MAX. DROP
OVER 15% TO 20%	5'-0"
15% TO 5%	7'-0"
5% OR LESS	12'-0"



NOTES:

1. USE THIS DETAIL WHEN INVERTS OF PIPE AND MANHOLE ARE GREATER THAN 3'-9". SEE DETAIL S/3.1 FOR VERTICAL DROPS LESS THAN 3'-9".
2. TABLE FOR MAXIMUM PIPE SLOPE AND DROP IS APPLICABLE FOR 12" AND SMALLER DIAMETER PIPE. PIPE LARGER THAN 12" DIAMETER AND/OR GREATER SLOPE THAN SHOWN REQUIRE SPECIAL DESIGN.
3. IN LIEU OF CAST-IN-PLACE CONCRETE OR BRICK STACK, PRECAST STACK MAY BE USED IN ACCORDANCE WITH MANHOLE MANUFACTURER'S PRE-APPROVED DRAWINGS BUT ONLY WITHIN THE SLOPE, DIAMETER, AND HEIGHT LIMITATIONS INDICATED IN PRE-APPROVED DRAWINGS.
4. SEE NOTES (1) THRU (9) ON DETAIL S/1.0.

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 9/29/16

Chief Engineer

STANDARD DETAIL
DROP MANHOLE
TYPE "B" DROP
PIPES 12-INCH AND SMALLER

S
3.1a