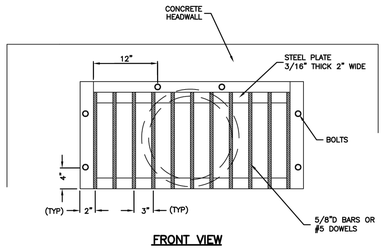
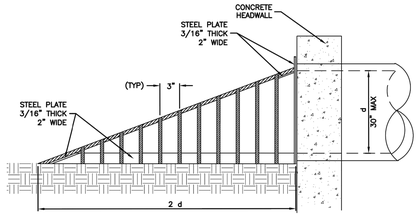


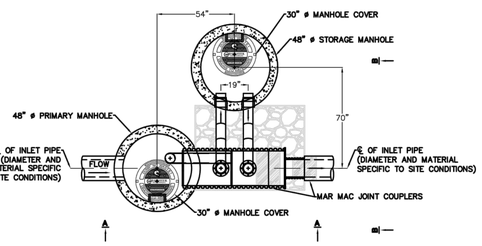
FRONT VIEW

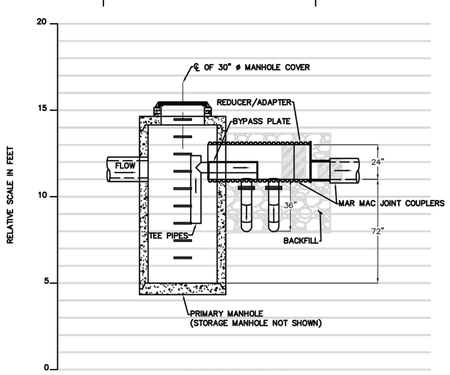


RIGHT SIDE VIEW

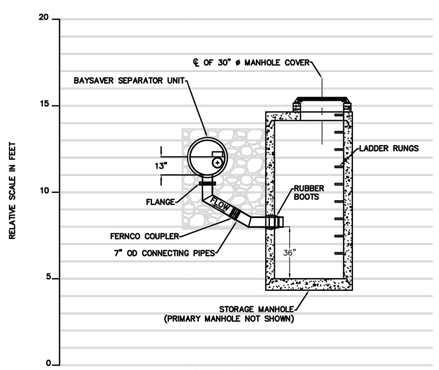
8 DEBRIS GRATE INLET DETAIL

SCALE: N.T.S.





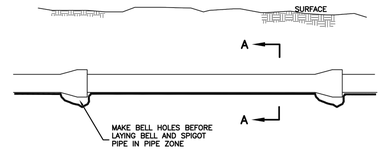
PROFILE VIEW A-A



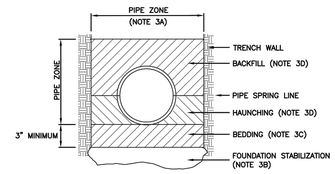
PROFILE VIEW B-B

7 BAYSAVER SEPERATION SYSTEM

SCALE: N.T.S.



ELEVATION VIEW



SECTION A–A

INSTALLATION

CONCRETE PIPE: FOLLOW ASTM C 1479
"STANDARD PRACTICE FOR INSTALLATION OF PRECAST CONCRETE SEWER, STORM DRAIN, AND CULVERT PIPE USING STANDARD INSTALLATIONS.

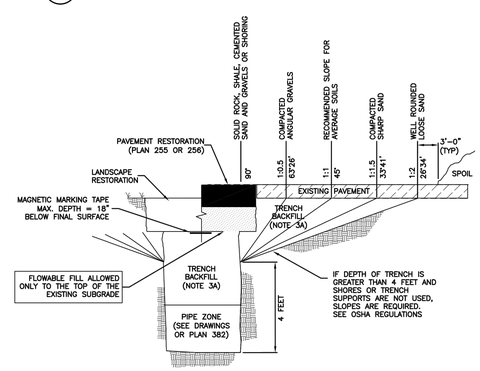
PVC AND HDPE PIPE: FOLLOW ASTM D 2321
"STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS"

CORRUGATED METAL PIPE: FOLLOW ASTM A 798
"STANDARD PRACTICE FOR INSTALLING FACOTRY-MADE CORRUGATED STEEL PIPE FOR SEWERS AND OTHER APPLICATIONS.

VITRIFIED CLAY PIPE: FOLLOW ASTM C 12.
"STANDARD RECOMMENDED PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES.

3 PIPE ZONE BACKFILL

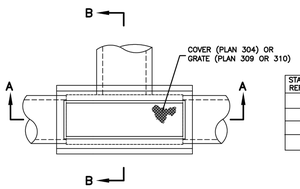
SCALE: N.T.S. APWA PLAN NO. 382



4 TRENCH BACKFILL

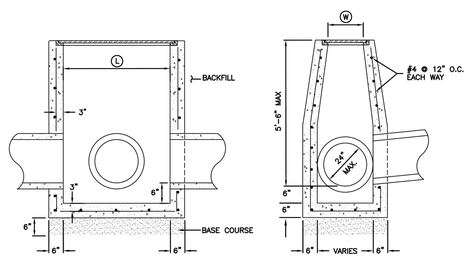
SCALE: N.T.S.

TYPE A



STANDARD PLAN REFERENCE No.	L	W
304	44 1/2"	16 1/2"
305	47 1/2"	21 3/4"
309	47 3/4"	16"
310	44 1/2"	18 1/2"

PLAN

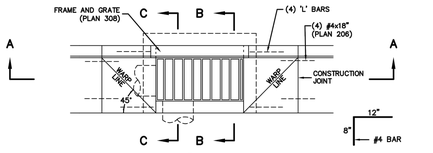


SECTION A–A SECTION B–B

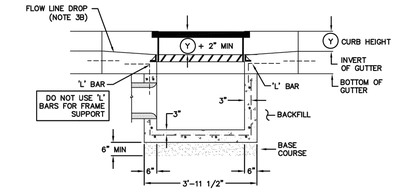
6 CLEAN OUT DETAIL

SCALE: N.T.S.

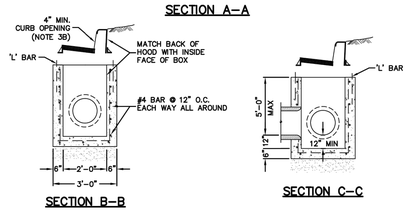
SINGLE GRATE



PLAN "L" BAR DETAIL



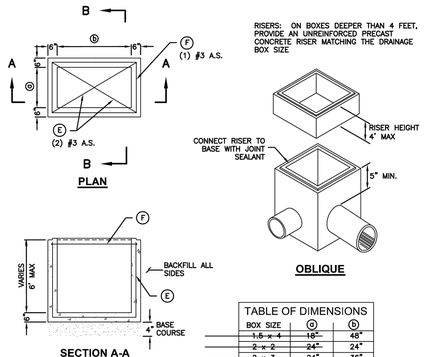
SECTION A–A



SECTION B–B SECTION C–C

1 CURB CATCH BASIN

SCALE: N.T.S. APWA PLAN NO. 315



RISERS: ON BOXES DEEPER THAN 4 FEET, PROVIDE AN UNREINFORCED PRECAST CONCRETE RISER MATCHING THE DRAINAGE BOX SIZE

OBLIQUE

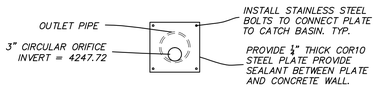
TABLE OF DIMENSIONS		
BOX SIZE	a	b
~~1.5 x 4~~	~~15"~~	~~48"~~
~~2 x 2~~	~~24"~~	~~24"~~
~~2 x 3~~	~~24"~~	~~36"~~
~~2.5 x 4~~	~~30"~~	~~48"~~
3 x 3	36"	36"
~~3 x 3.5~~	~~36"~~	~~42"~~
4 x 4	48"	48"

NOTE: OTHER BOX SIZES (LESS THAN 48") WITH DIFFERENT a AND b DIMENSIONS ARE ACCEPTABLE.

REINFORCING STEEL LAYOUT	
PROVIDE 2" MIN. COVER ON ALL BARS	
BAR E	BAR F
	12"

2 PRECAST BOX

SCALE: N.T.S. APWA PLAN NO. 332



9 ORIFICE DETAIL

SCALE: N.T.S.

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NO.	DATE	DESCRIPTION

SHEET NAME

STORM DRAIN DETAILS

CONSTRUCTION DRAWINGS

SHEET NUMBER

CE-603

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