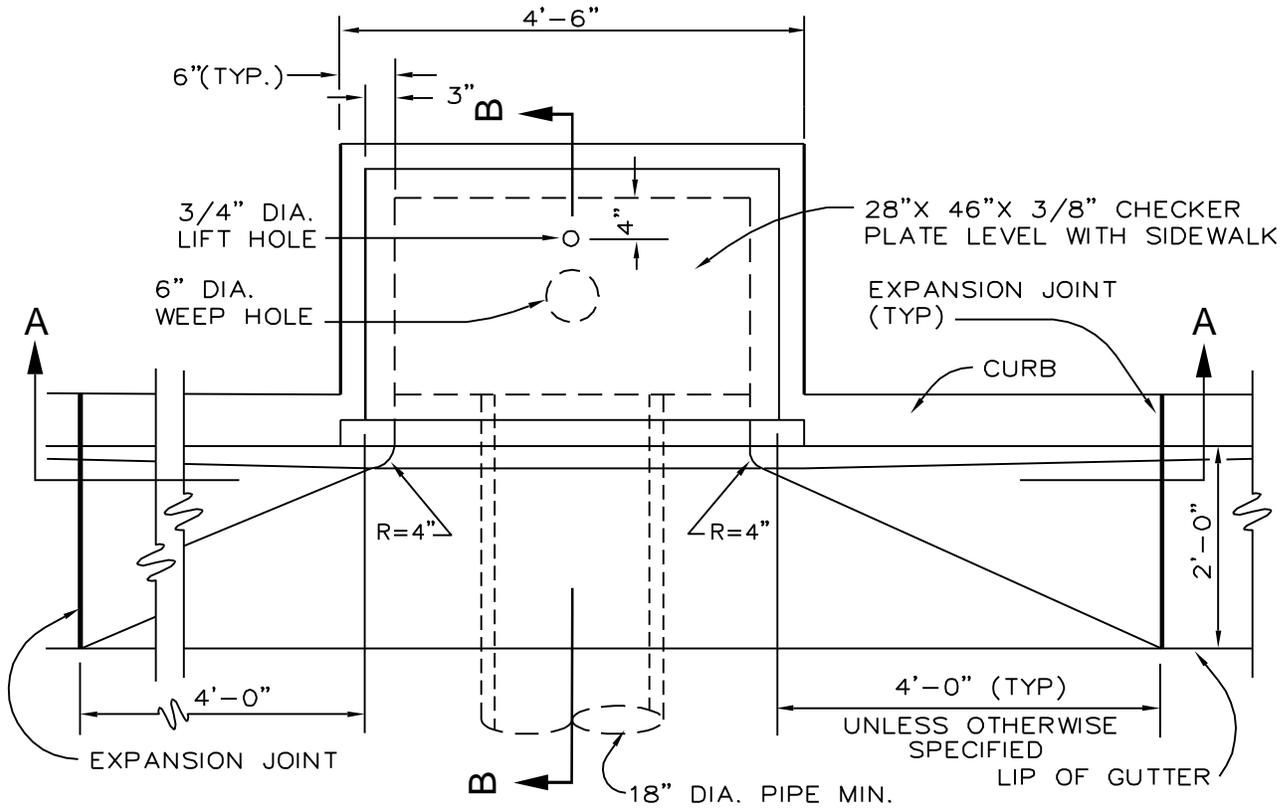
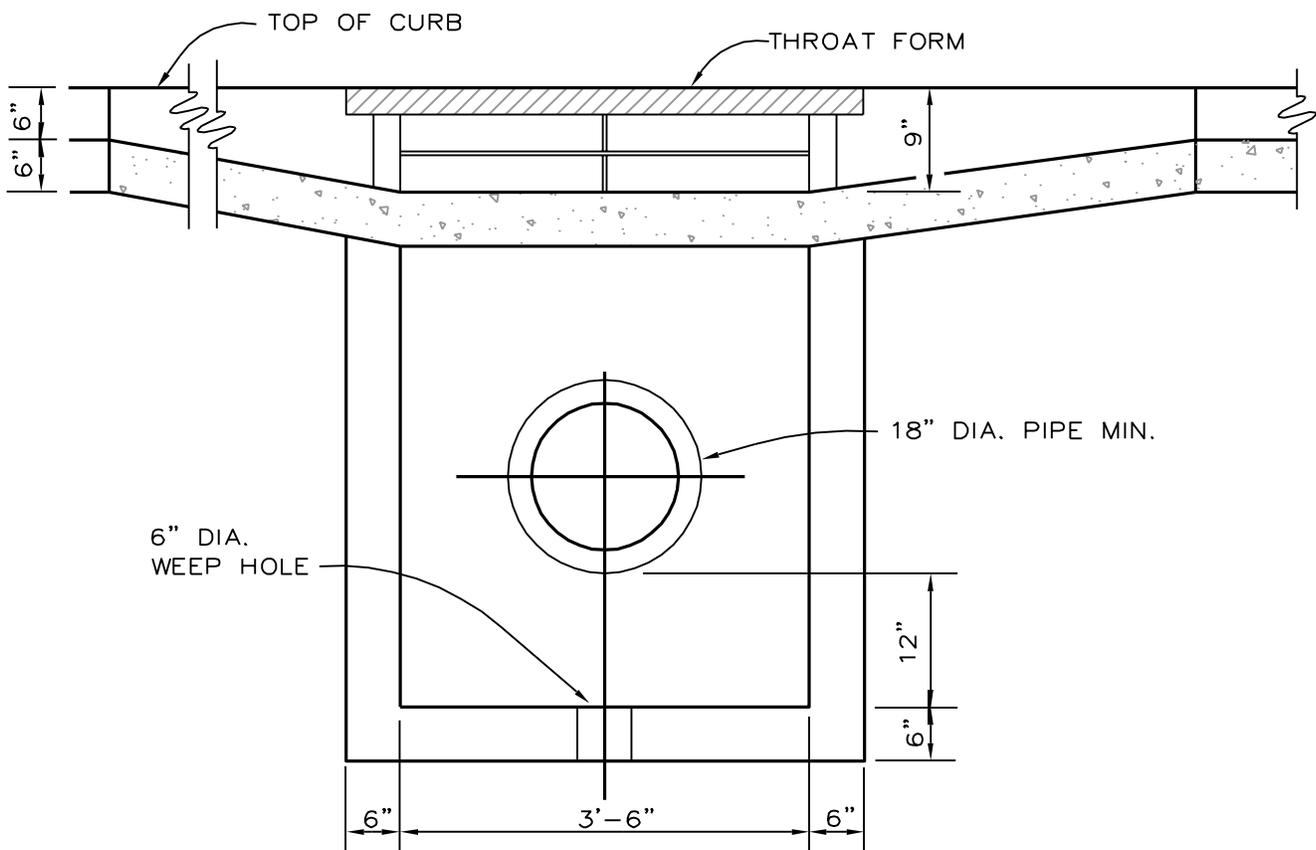


Drawing No.	Drawing Title
D-1	CURB DRAIN INLET-OUTLET TYPE A (3 Sheets)
D-2	DRAIN INLET-OUTLET TYPE B
D-3	DRAIN INLET FRAME & GRATE
D-4	SIDEWALK UNDERDRAIN PIPE
D-5	STANDARD DRYWELL
D-6	STORM DRAIN MANHOLE FRAME & COVER
D-7	48" STORM DRAIN MANHOLE
D-8	54" STORM DRAIN MANHOLE
D-9	60" STORM DRAIN MANHOLE
D-10	DRAIN BASIN ONLET STRUCTURE (4 Sheets)

REVISION DATE	CITY OF FOWLER	STD.DWG.
	STORM DRAIN INDEX	D
		INDEX

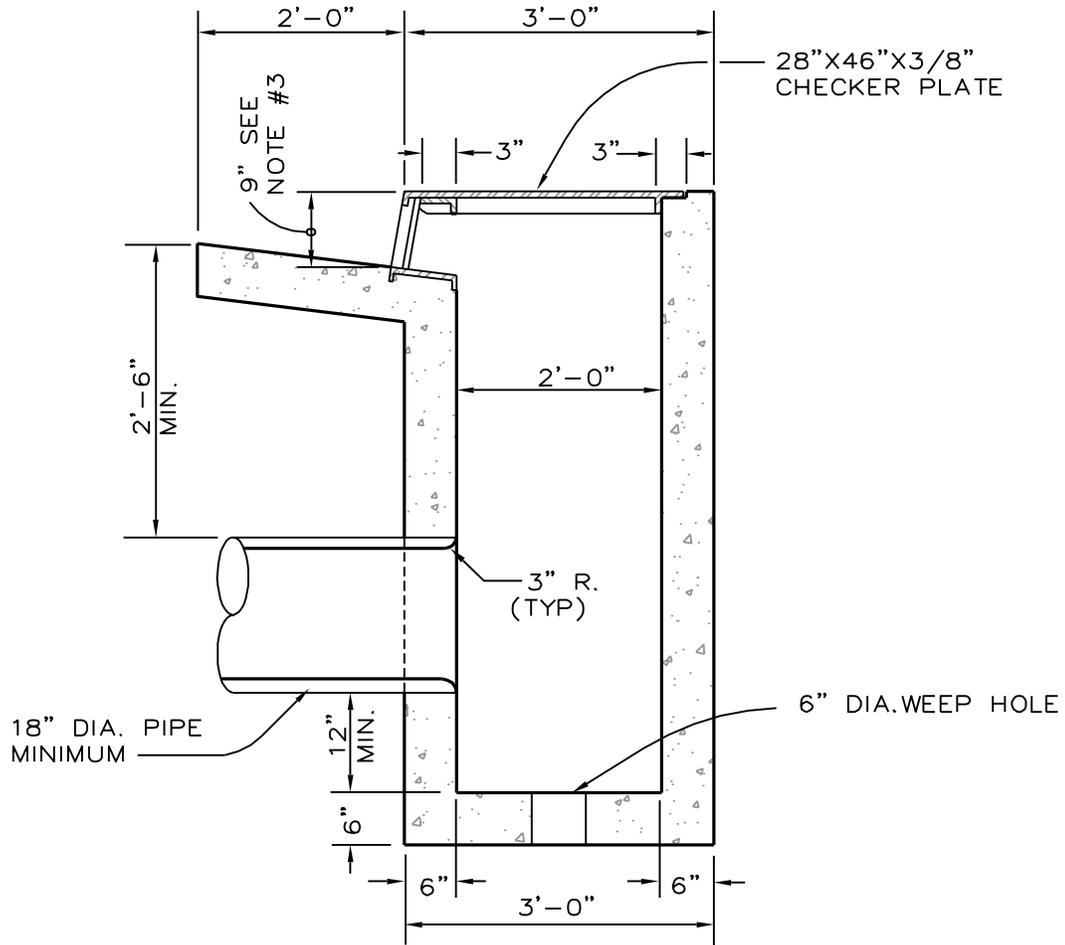


PLAN VIEW



SECTION A-A

REVISION DATE		CITY OF FOWLER	Std. Dwg.
8/13/99	G.D.G.		
4/10/01		CURB DRAIN INLET- OUTLET TYPE A	D-1

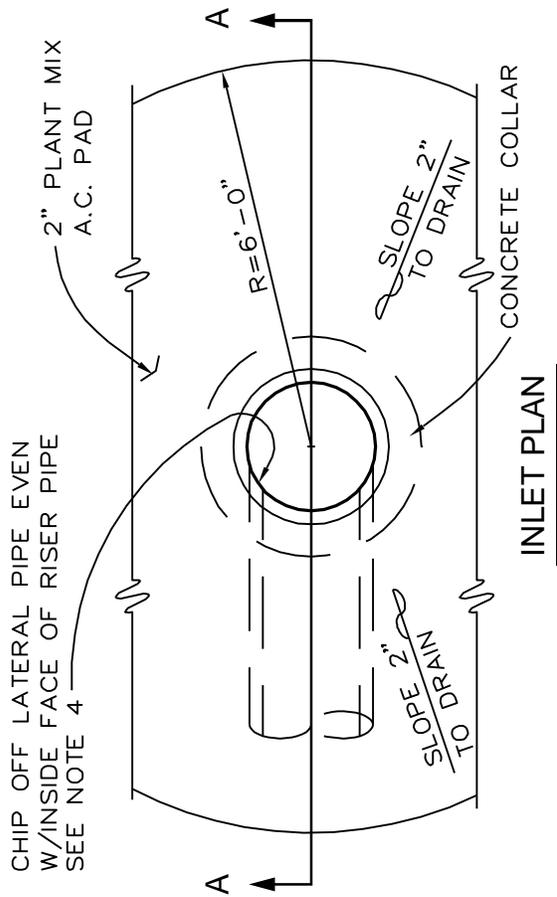


SECTION B-B

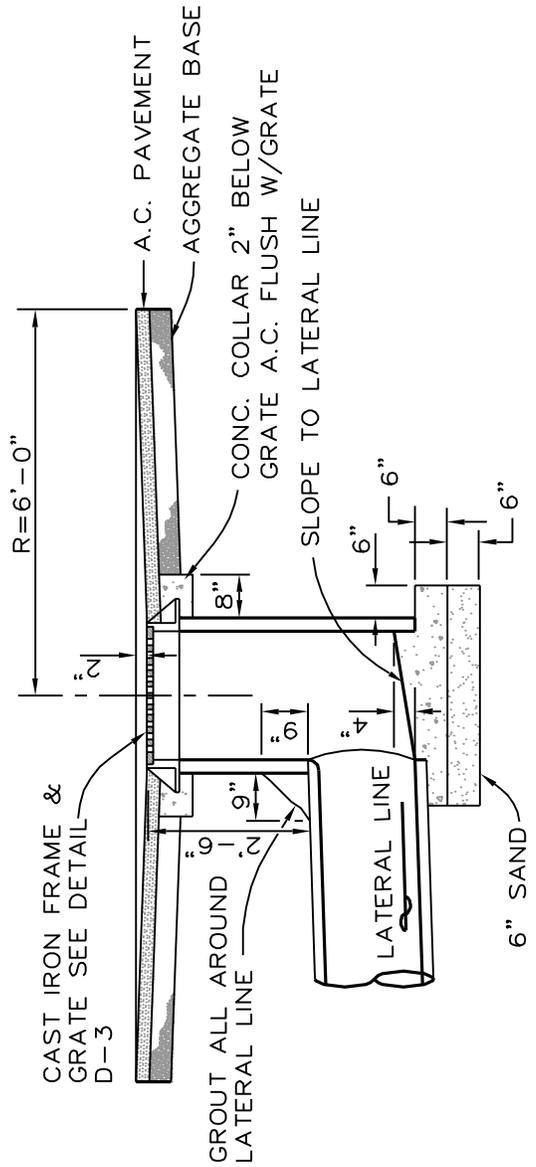
NOTES:

1. THE INLET MAY BE MODIFIED SLIGHTLY TO MATCH EXISTING IMPROVEMENTS, AS DIRECTED BY THE CITY ENGINEER.
2. STRUCTURE SHALL BE 6 SACK CONCRETE. EXPOSED SURFACES SHALL BE FINISHED TO MATCH CURB AND SIDEWALK FINISH.
3. WHEN EMPLOYED AS OUTLET, PLACE GUTTER 6" BELOW TOP OF CURB GRADE AND ELIMINATE 1/2" IRON ROD FROM THROAT FORM.
4. CURB AND GUTTER SHALL BE CONSTRUCTED OR RECONSTRUCTED ON EACH SIDE OF BOX AS REQUIRED.

REVISION DATE		CITY OF FOWLER		Std. Dwg.
8/13/99	G.D.G.	CURB DRAIN INLET- OUTLET TYPE A		D-1
4/10/01				
6/19/07				
				2 OF 3



INLET PLAN

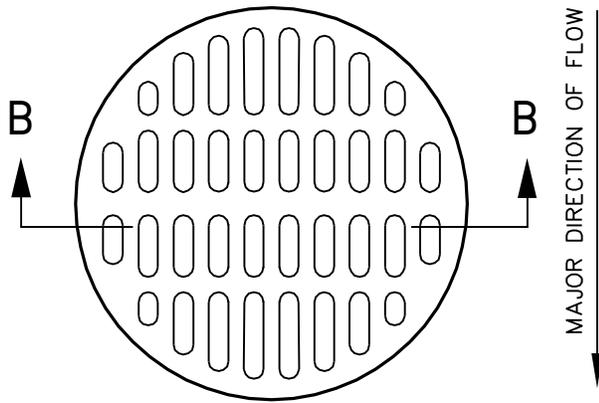


SECTION A - A

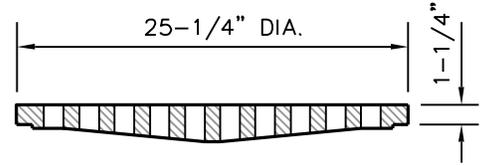
NOTES:

1. 24" CONCRETE RISER PIPE SHALL BE ASTM C-76, CLASS III, RCP.
2. BREAK OUT RISER PIPE AND CUT LATERAL LINE NEATLY ALONG JOINT. FILL JOINT SPACE WITH GROUT.
3. ALL CONCRETE SHALL BE 6 SACK.
4. AT THE CONTACT POINT BETWEEN THE LATERAL LINE AND THE INLET WALL A SMOOTH 3" RADIUS CURVE SHALL BE CONSTRUCTED.
5. FLOOR OF THE INLET SHALL SLOPE TO THE LATERAL LINE AND SHALL BE GIVEN A STEEL TROWELLED FINISH.

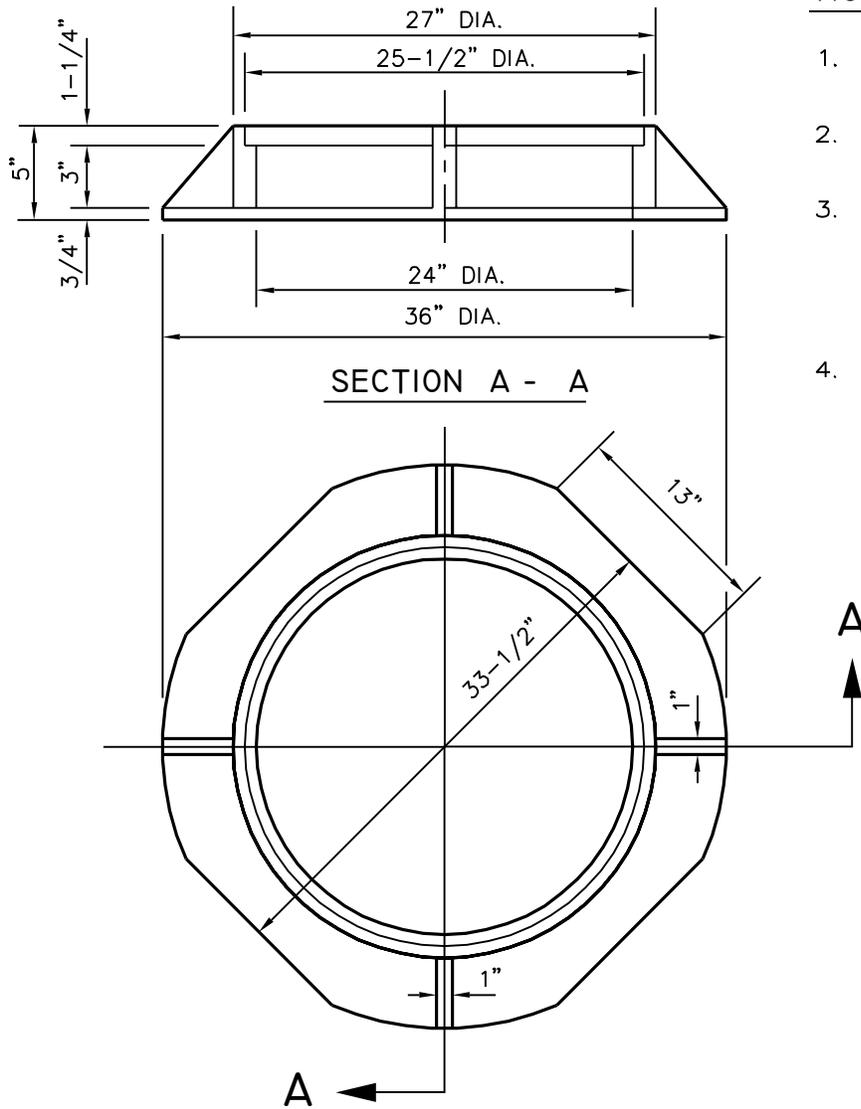
REVISION DATE		CITY OF FOWLER	STD.DWG.
4/10/01			
		DRAIN INLET-OUTLET TYPE B	D-2



DRAIN INLET GRATE



SECTION B - B



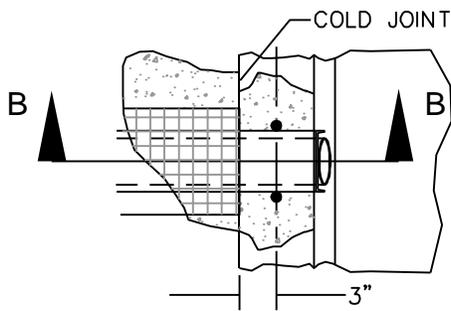
SECTION A - A

DRAIN INLET FRAME

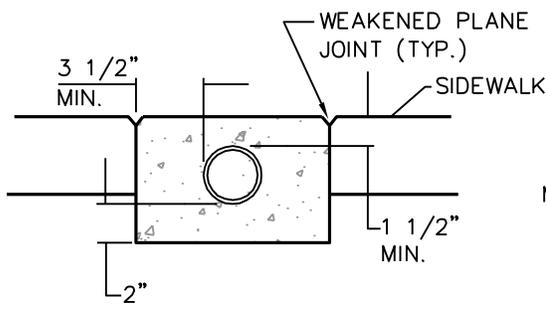
NOTES:

1. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
2. FRAME & GRATE SHALL BE CAST IRON.
3. GRATE SHALL BE INSTALLED SUCH THAT THE SLOTS ARE PARALLEL TO MAJOR DIRECTION OF DRAINAGE FLOW.
4. DRAIN INLET GRATE AND FRAME SHALL BE SOUTH BAY FOUNDRY C7 SBF 1000 OR APPROVED EQUAL.

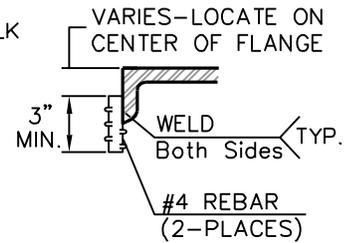
REVISION DATE		CITY OF FOWLER	STD.DWG.
4/10/01			D- 3
		DRAIN INLET FRAME & GRATE	



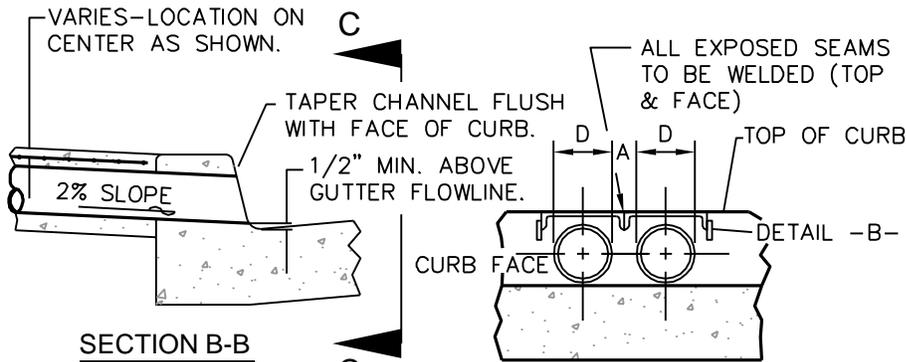
DETAIL -A-



SECTION A-A

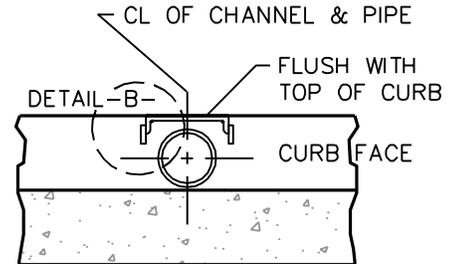


DETAIL -B-

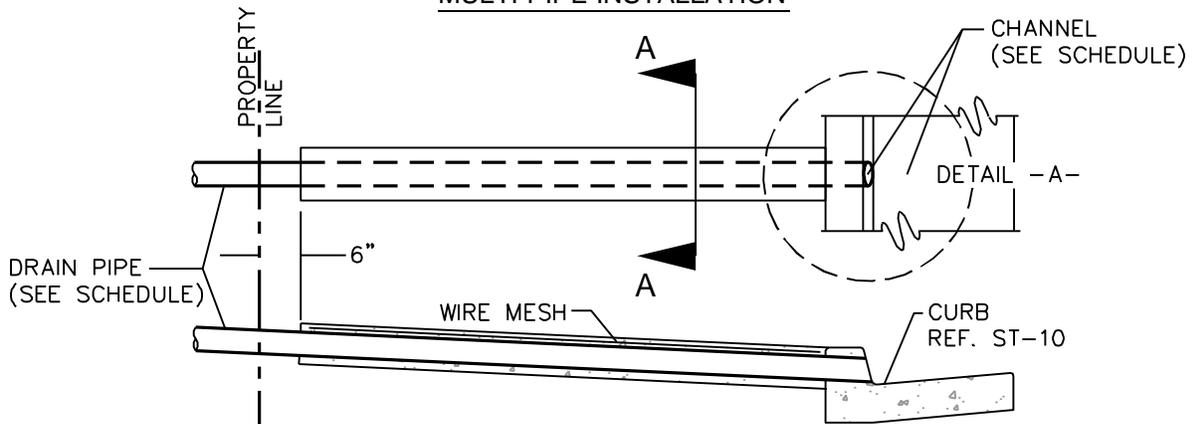


SECTION B-B

MULTI-PIPE INSTALLATION

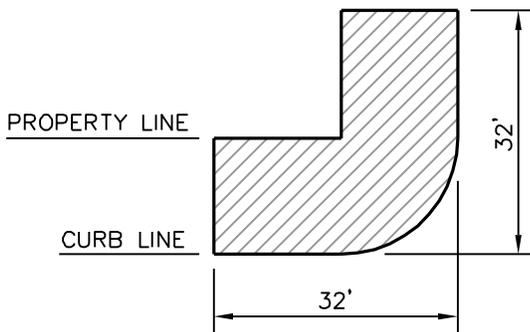


SECTION C-C



NOTES:

1. Pipe shall be one continuous length from property line to curb line.
2. Multiple pipes to be set a min. distance of D/2 apart. (see detail)
3. Concrete shall be 6 sack.
4. Pipe shall be circular asbestos cement, cast iron or rigid plastic.
5. Wire mesh to be installed in concrete above drain line



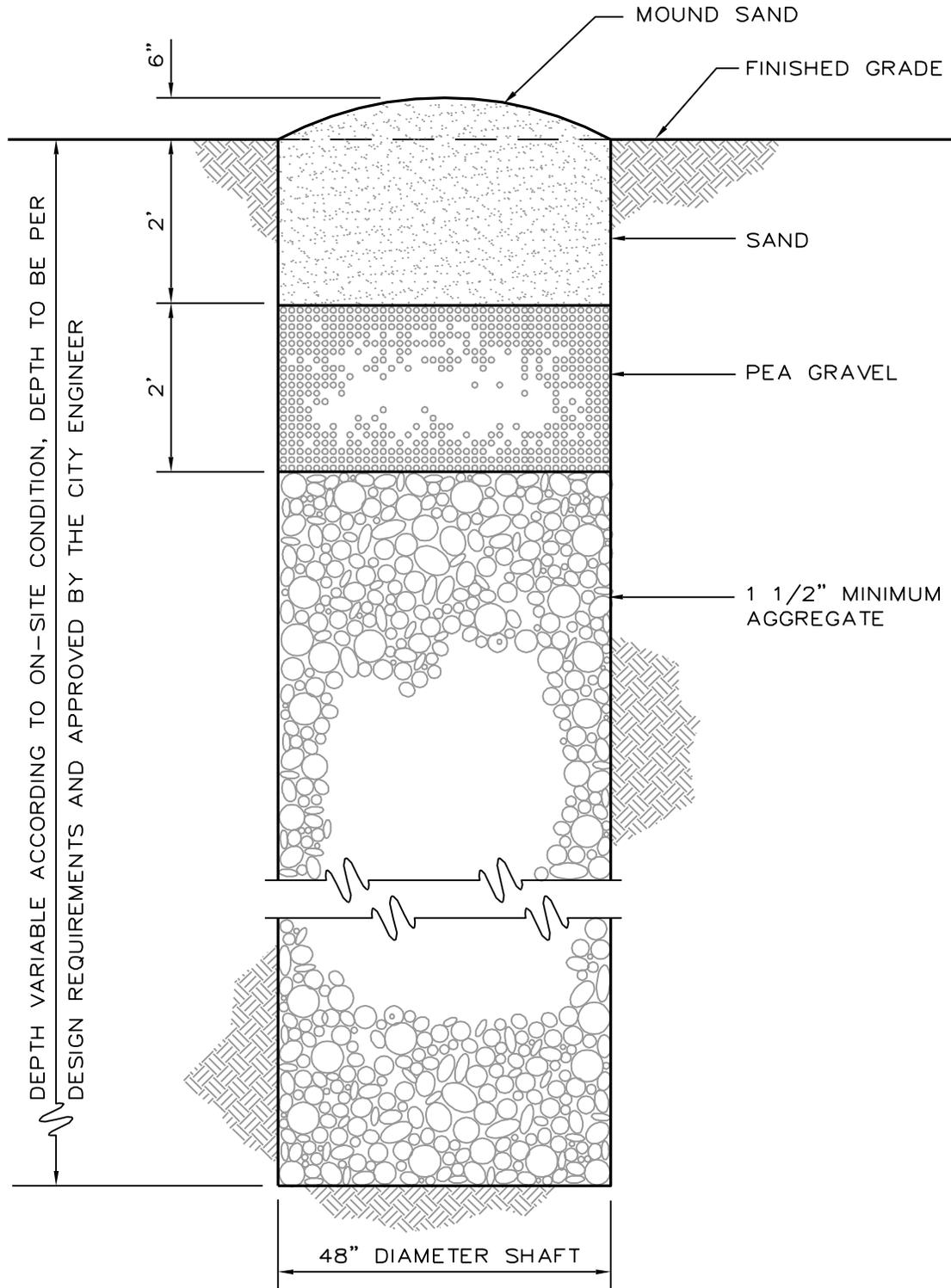
DRAIN SHALL NOT OCCUPY THE HATCHED AREA.

BLOCK CORNER

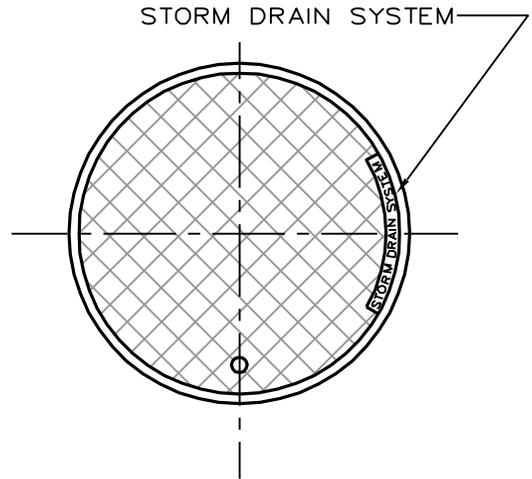
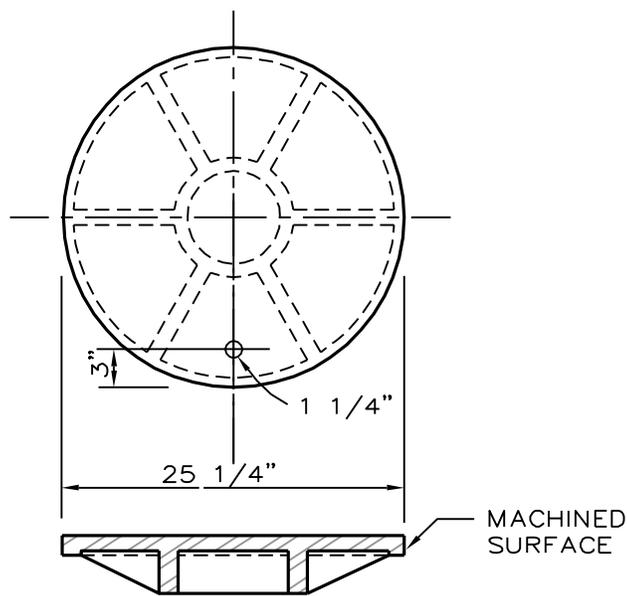
SCHEDULE		
PIPE DIA.	CURB FACE	CHANNEL
3"	6" TO 8"	6"
4"	6" TO 8"	6"
6"	6" TO 10"	6"

CHANNEL MATERIAL TO BE STD. GALV. OR EQUIV., UNLESS OTHERWISE APPROVED BY CITY ENGINEER.

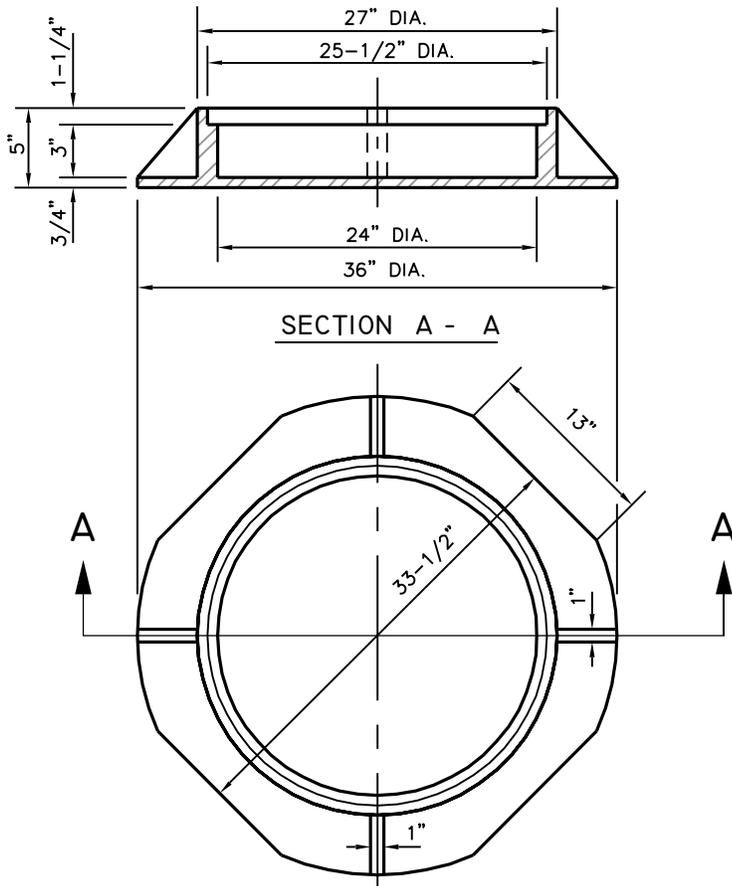
REVISION DATE	CITY OF FOWLER		Std. Dwg.
4/10/01	SIDEWALK UNDERDRAIN PIPE		D-4



REVISION DATE		CITY OF FOWLER	STD.DWG.
4/10/01			D- 5
		STANDARD DRY WELL	



MANHOLE COVER



MANHOLE FRAME

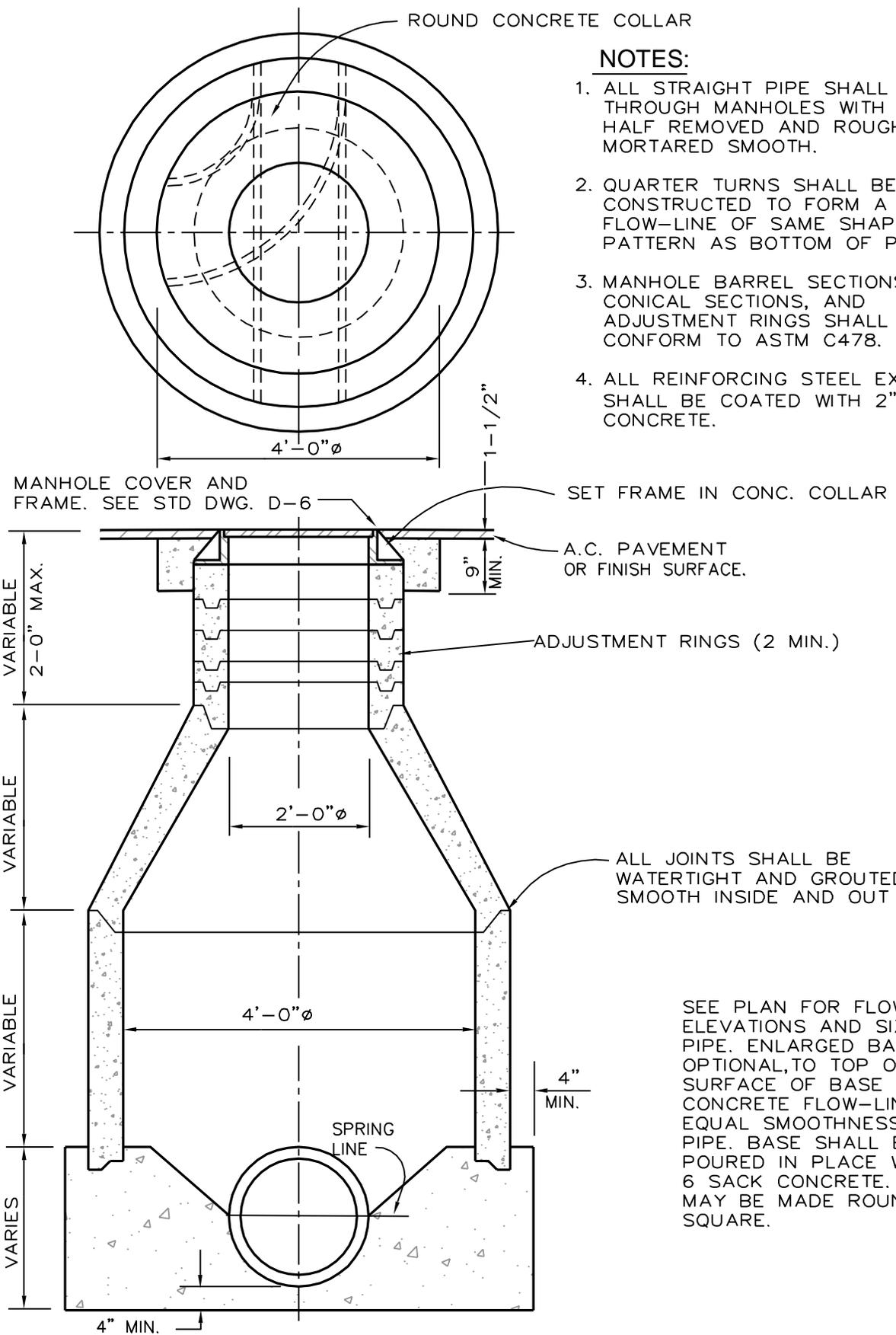
NOTES:

1. ALL DIMENSIONS ARE FINISHED DIMENSIONS.
2. FRAME & GRATE SHALL BE CAST IRON.
3. FRAME AND COVER SHALL BE SOUTH BAY FOUNDRY A62 SBF 1000 OR APPROVED EQUAL.

SET WEIGHT

COVER-	155 LBS.
FRAME-	165 LBS.
TOTAL	320 LBS.

REVISION DATE	CITY OF FOWLER	STD.DWG.
4/10/01	STORM DRAIN MANHOLE	D- 6
	FRAME & COVER	

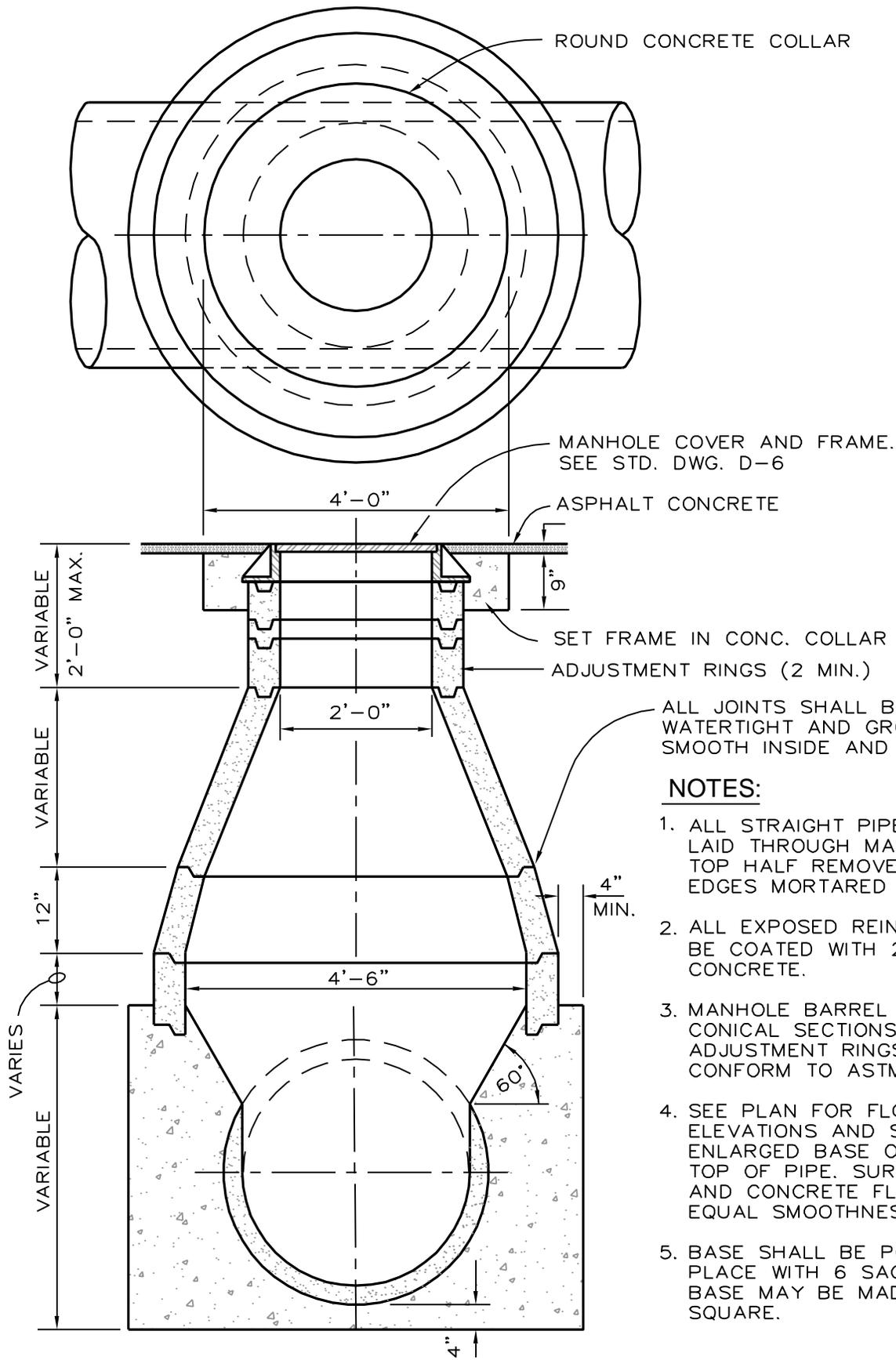


NOTES:

1. ALL STRAIGHT PIPE SHALL BE LAID THROUGH MANHOLES WITH TOP HALF REMOVED AND ROUGH EDGES MORTARED SMOOTH.
2. QUARTER TURNS SHALL BE CONSTRUCTED TO FORM A SMOOTH FLOW-LINE OF SAME SHAPE AND PATTERN AS BOTTOM OF PIPE.
3. MANHOLE BARREL SECTIONS, CONICAL SECTIONS, AND ADJUSTMENT RINGS SHALL CONFORM TO ASTM C478.
4. ALL REINFORCING STEEL EXPOSED SHALL BE COATED WITH 2" OF CONCRETE.

SEE PLAN FOR FLOW-LINE ELEVATIONS AND SIZE OF PIPE. ENLARGED BASE OPTIONAL, TO TOP OF PIPE. SURFACE OF BASE AND CONCRETE FLOW-LINE TO EQUAL SMOOTHNESS OF PIPE. BASE SHALL BE POURED IN PLACE WITH 6 SACK CONCRETE. BASE MAY BE MADE ROUND OR SQUARE.

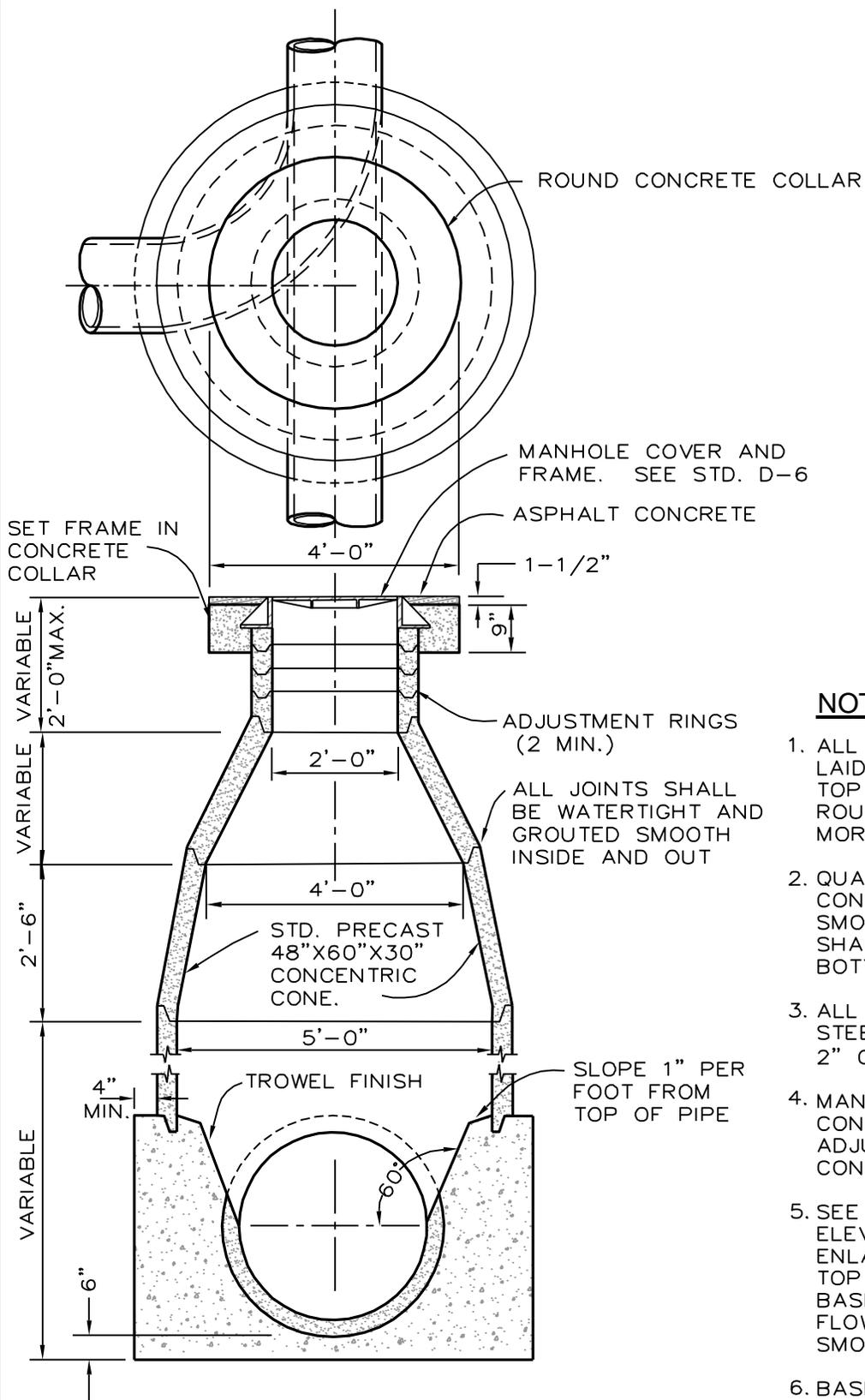
REVISION DATE		CITY OF FOWLER	STD. DWG.
4/10/01			48" STORM DRAIN MANHOLE
6/19/07			



NOTES:

1. ALL STRAIGHT PIPE SHALL BE LAID THROUGH MANHOLES WITH TOP HALF REMOVED AND ROUGH EDGES MORTARED SMOOTH.
2. ALL EXPOSED REINFORCING SHALL BE COATED WITH 2" OF CONCRETE.
3. MANHOLE BARREL SECTIONS CONICAL SECTIONS, AND ADJUSTMENT RINGS SHALL CONFORM TO ASTM C478.
4. SEE PLAN FOR FLOWLINE ELEVATIONS AND SIZE OF PIPE. ENLARGED BASE OPTIONAL, TO TOP OF PIPE. SURFACE OF BASE AND CONCRETE FLOWLINES TO EQUAL SMOOTHNESS OF PIPE.
5. BASE SHALL BE POURED IN PLACE WITH 6 SACK CONCRETE. BASE MAY BE MADE ROUND OR SQUARE.

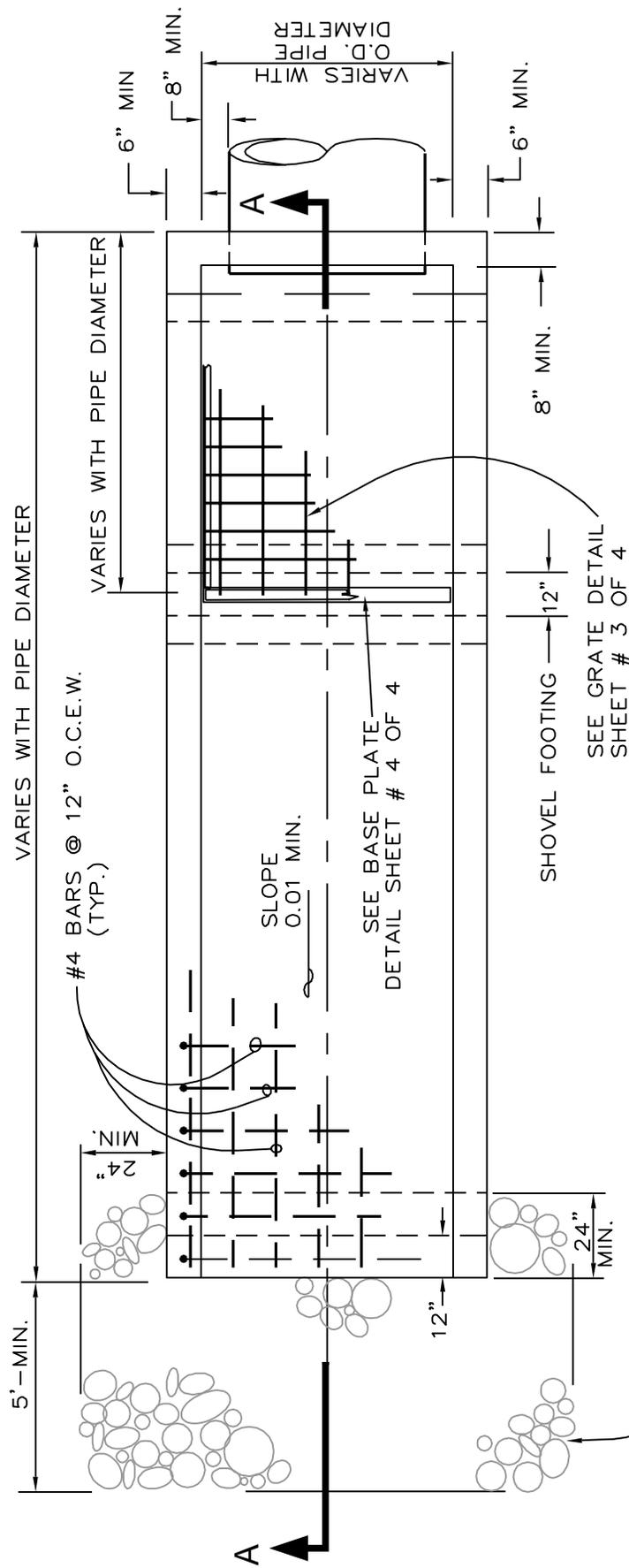
REVISION DATE		CITY OF FOWLER	STD.DWG.
4/10/01			54" STORM DRAIN MANHOLE
6/19/07			



NOTES:

1. ALL STRAIGHT PIPE SHALL BE LAID THROUGH MANHOLES WITH TOP HALF REMOVED AND ROUGH BROKEN EDGES MORTARED SMOOTH.
2. QUARTER TURNS SHALL BE CONSTRUCTED TO FORM A SMOOTH FLOW-LINE OF SAME SHAPE AND PATTERN AS BOTTOM OF PIPE.
3. ALL EXPOSED REINFORCING STEEL SHALL BE COATED WITH 2" OF CONCRETE.
4. MANHOLE BARREL SECTIONS, CONICAL SECTIONS, AND ADJUSTMENT RINGS SHALL CONFORM TO ASTM C478.
5. SEE PLAN FOR FLOWLINE ELEVATIONS AND PIPE SIZE. ENLARGED BASE OPTIONAL TO TOP OF PIPE. SURFACE OF BASE AND CONCRETE FLOWLINES TO EQUAL SMOOTHNESS OF PIPE.
6. BASE SHALL BE POURED IN PLACE WITH 6 SACK CONCRETE. BASE MAY BE MADE ROUND OR SQUARE.

REVISION DATE		CITY OF FOWLER	Std. Dwg.
4/10/01			
6/19/07		60" STORM DRAIN MANHOLE	D-9



EROSION CONTROL MIN. 5 # ROCK
 12" DEEP PLACED OVER LAGOON
 BOTTOM SEE SECTION A-A SHEET 2 OF 4.

NOTE:
 ALL EXPOSED STEEL SHALL BE HOT DIP
 GALVANIZED AFTER FABRICATION.

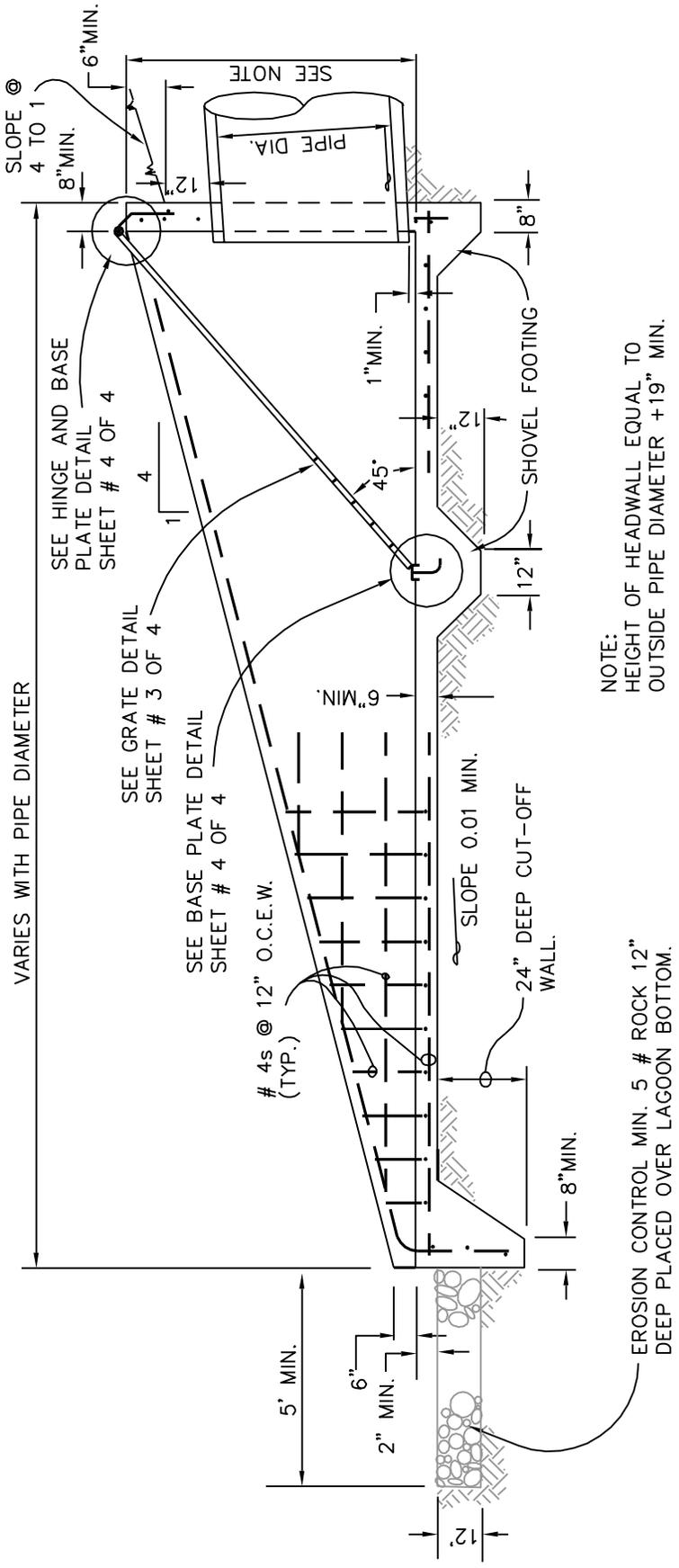
PLAN VIEW

REVISION DATE	
1-06-09	

CITY OF FOWLER

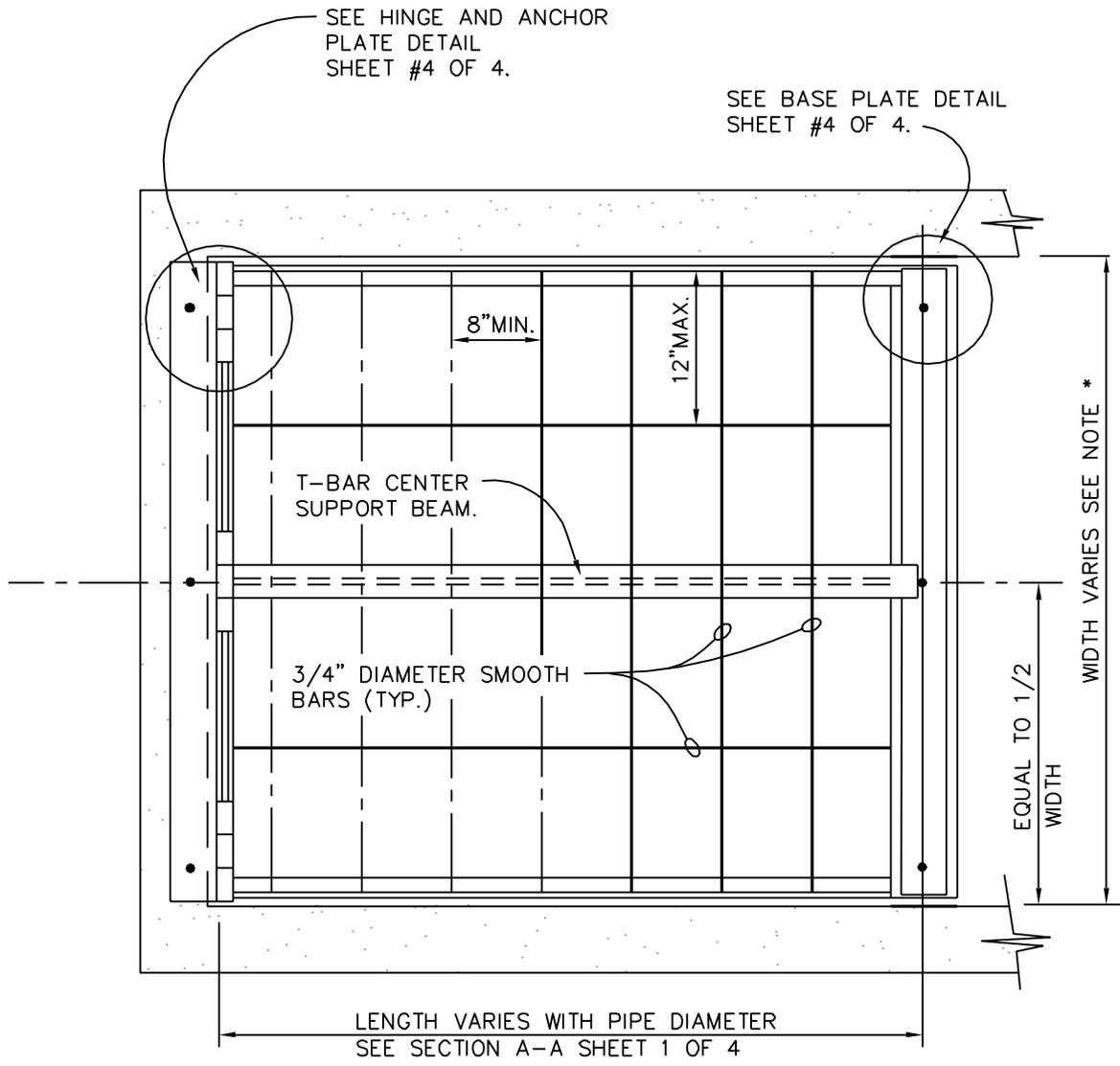
DRAIN BASIN INLET STRUCTURE

STD.DWG.
D- 10
1 OF 4



SECTION A - A

REVISION DATE		CITY OF FOWLER	STD.DWG.
1-06-09			D- 10
DRAIN BASIN INLET STRUCTURE			2 OF 4



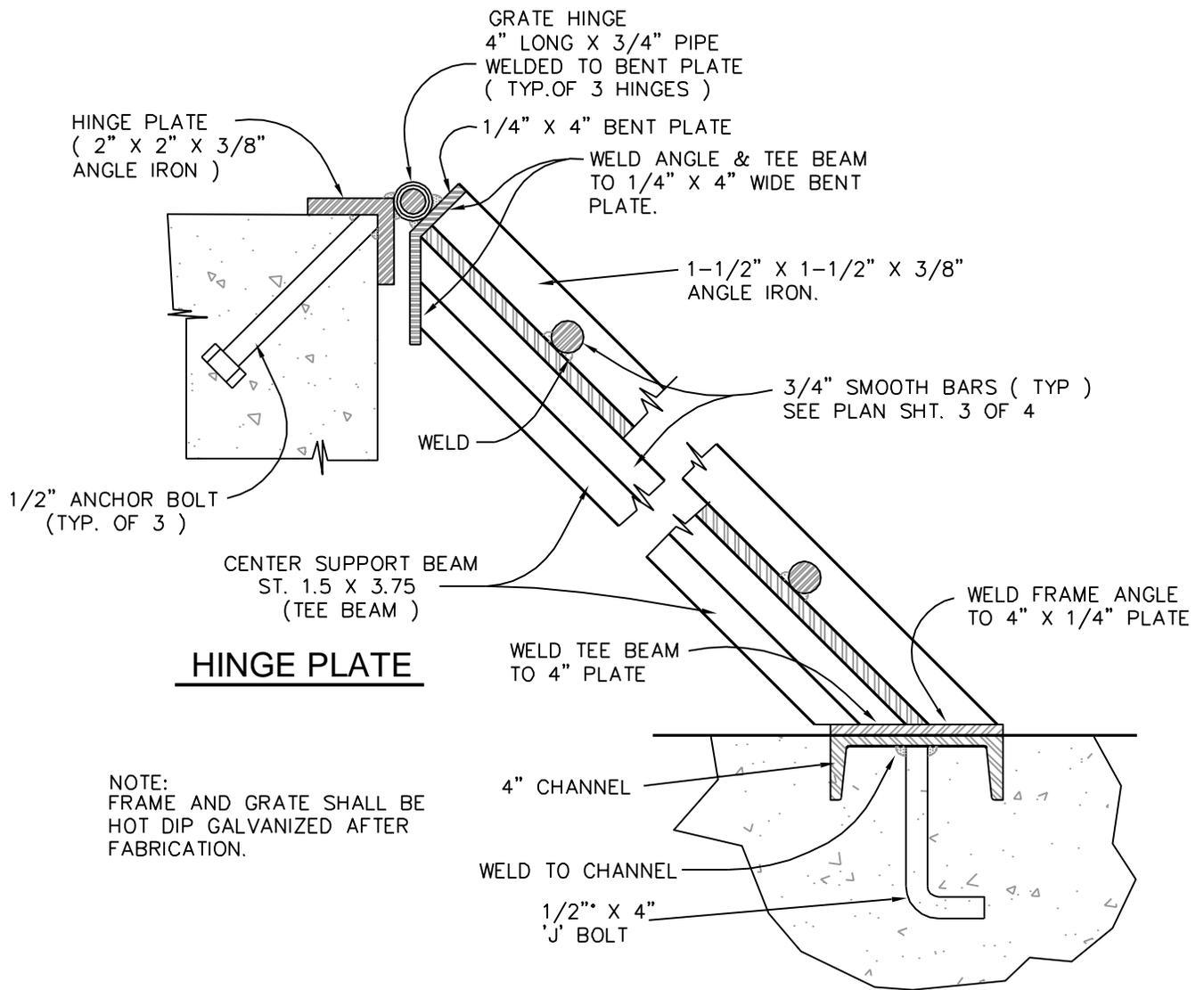
NOTE:

ALL EXPOSED STEEL SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.

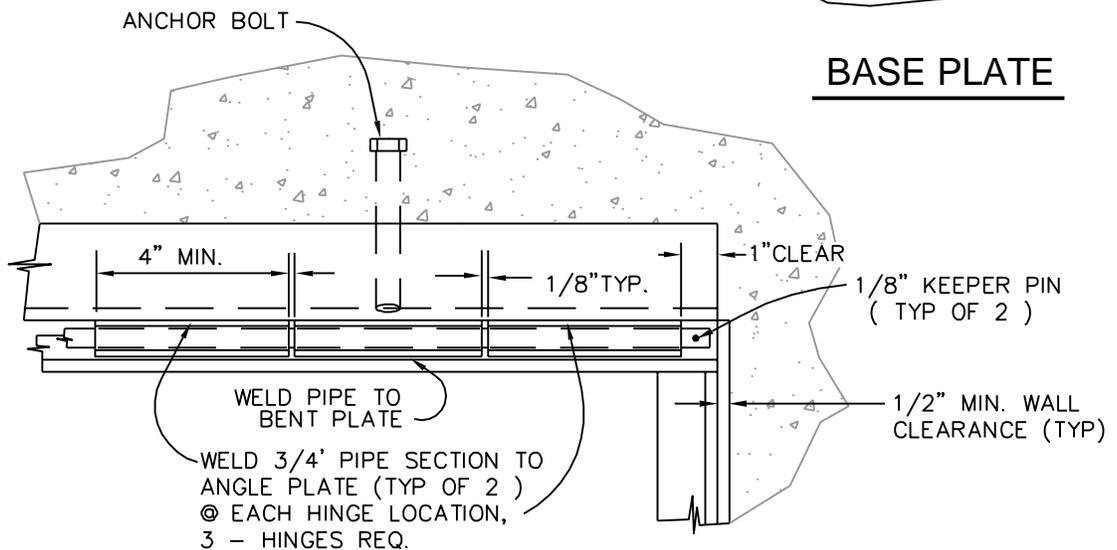
* WIDTH OF TRASH GRATE VARIES WITH PIPE DIAMETER 1" INSIDE WALL CLEARANCE. SEE SHEET 4 OF 4.

TRASH GRATE DETAIL

REVISION DATE		CITY OF FOWLER	STD.DWG.
1-06-09			D- 10
		DRAIN BASIN INLET STRUCTURE	3 OF 4



NOTE:
FRAME AND GRATE SHALL BE
HOT DIP GALVANIZED AFTER
FABRICATION.



BASE PLATE

REVISION DATE	CITY OF FOWLER		STD.DWG.
1-06-09	DRAIN BASIN INLET STRUCTURE		D- 10
			4 OF 4