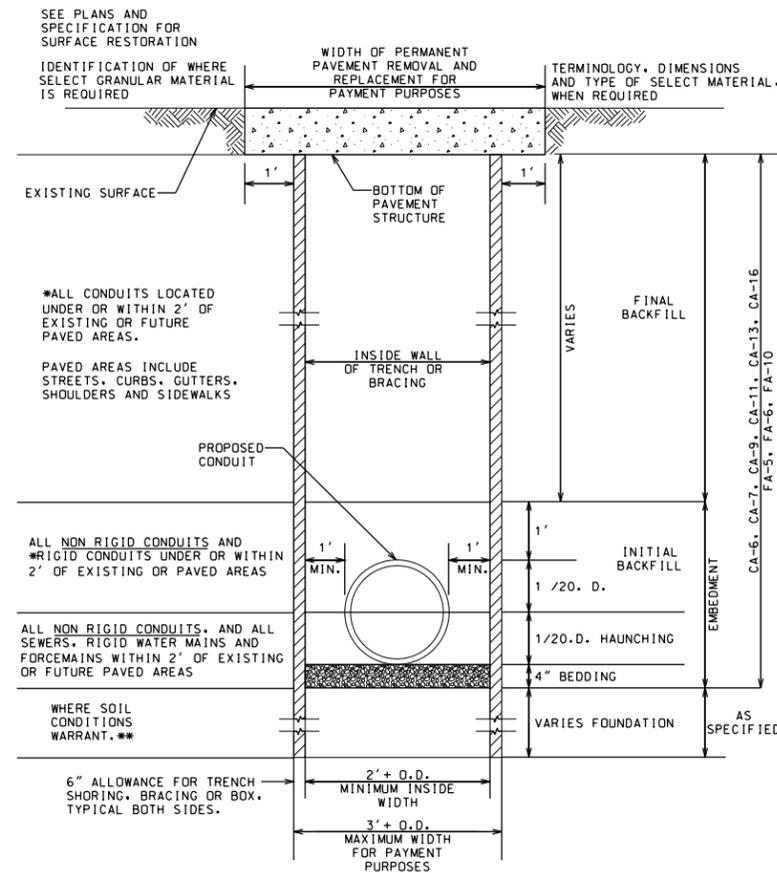


# DETAIL SHEET

NOT TO SCALE



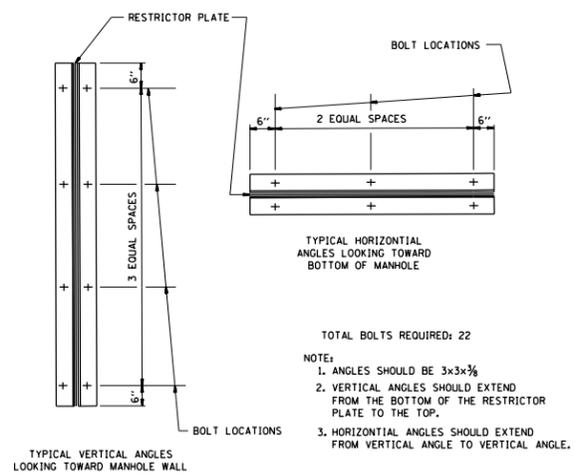
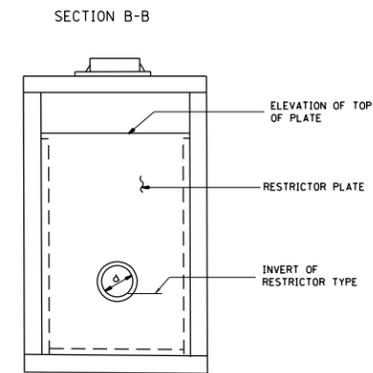
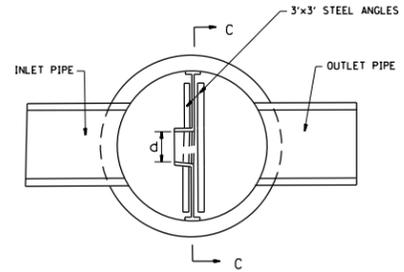
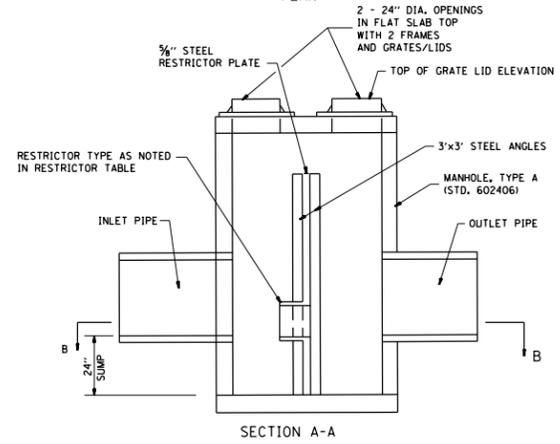
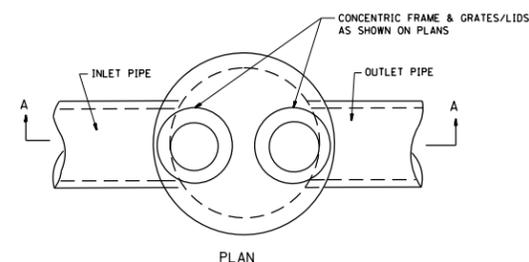
\*INDICATES ELIGIBLE FOR PAYMENT AS SELECT GRANULAR BACKFILL OTHERWISE INCIDENTAL TO THE PIPE.

\*\*INDICATES ELIGIBLE FOR PAYMENT AS SELECT FOUNDATION MATERIAL.

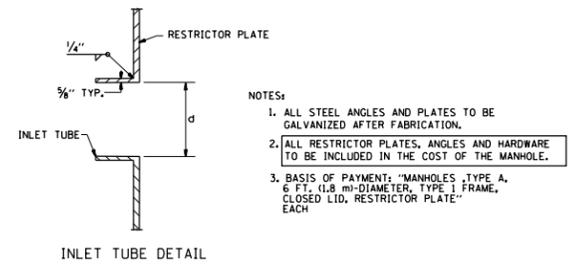
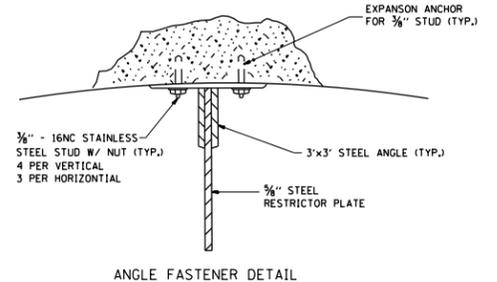
NON RIGID CONDUITS ARE DEFINED AS FLEXIBLE THERMOPLASTIC PIPE AND/OR CORRUGATED METAL PIPE.

NOTE: TRENCH BOX SHALL NOT EXTEND BELOW TOP OF PIPE, HOWEVER IT SHALL NOT EXCEED 2 FEET FROM THE BOTTOM OF THE TRENCH.

TRENCH DETAIL



STEEL ANGLE BOLTING DETAILS



- NOTES:
- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
  - ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  - BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m) DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE" EACH

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

I.D.	STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER (IN.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
MH 5-24	176+31.23, 17.30' RT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	21"	540.58	543.63
MH 5-36	182+19.30, 22.00' LT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	30"	534.80	539.07
INLET 5-38	182+60.57, 29.50' LT	6'-0"	TY 3 F&G, TY 1 FR W/CLOSED LID	TYPE 2	18"	537.85	540.14
MH 6-18	198+42.30, 22.00' RT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	18"	536.87	539.66
MH 7-22	213+07.16, 45.08' LT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	18"	534.11	537.17
INLET 8-7	221+32.97, 29.50' LT	6'-0"	TY 3 F&G, TY 1 FR W/CLOSED LID	TYPE 2	18"	534.03	537.70
MH 9-1	228+02.79, 54.70' LT	6'-0"	2-TY 1 FR W/CLOSED LIDS	TYPE 2	24"	540.00	544.17

TYPICAL VALVE VAULT DETAIL