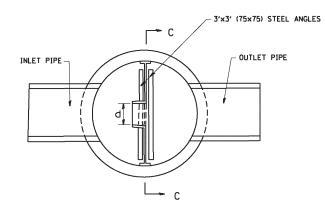
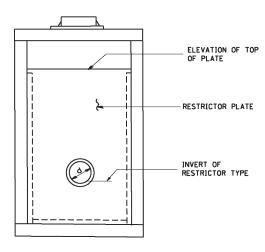


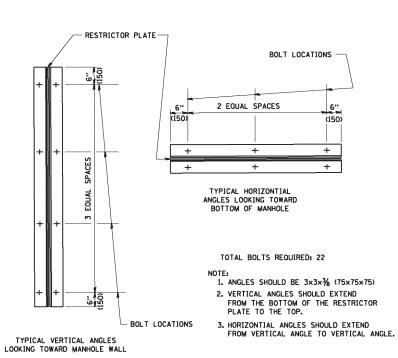
STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
213+60.67	6′	TY 1 F&CL	3	25′′	749.58	752.55

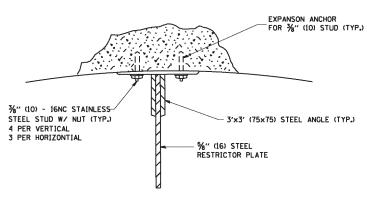


SECTION B-B



SECTION C-C

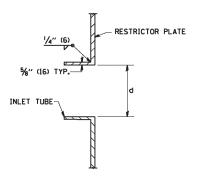




ANGLE FASTENER DETAIL

NOTES:

- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
- 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
- 3. BASIS OF PAYMENT: "MANHOLES TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

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

STEEL ANGLE BOLTING DETAILS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gaglianobt	DESIGNED - R. SHAH	REVISED -	R. SHAH 10-25-94
W:\diststd\22x34\bdl2.dgn		DRAWN -	REVISED -	E. GOMEZ 08-28-00
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -	M. GOMEZ 01-08-01
	PLOT DATE = 1/4/2008	DATE - 09-09-94	REVISED -	

STATI	E OI	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

	MANHOLE WITH RESTRICTOR PLATE					RTE.	SECTION	COUNTY	SHEETS	NO.	
						3887	S-N	KANE	153	147	
						В	D600-04 (BD-12)	CONTRACT	NO.	50A95	
	SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. RO	OAD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT		