

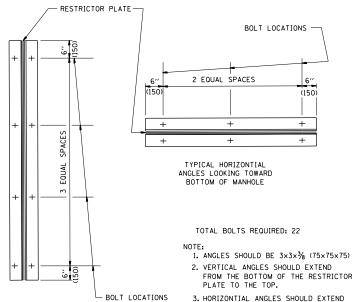
SECTION B-B



ELEVATION OF TOP OF PLATE COF PLATE

SECTION C-C

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
530+56.54	5 FEET	T-8 GRATE	PLATE	22.7 in.	797.20′	799.70′
540+87.48	4 FEET	T-8 GRATE	PLATE	12.8 in.	792.90′	794.94′
530+07.40	5 FEET	T-1F CL	PLATE	29.5 in.	797.10''	800.10′
542+15.80	5 FEET	T-1F CL	PLATE	20 in.	793.08′	795.51′



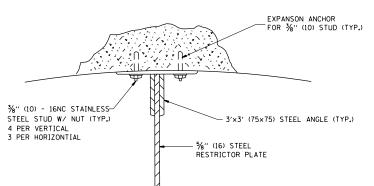


3. HORIZONTIAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

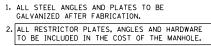
TYPICAL VERTICAL ANGLES LOOKING TOWARD MANHOLE WALL

STEEL ANGLE BOLTING DETAILS

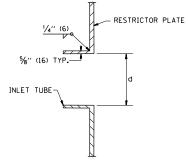
FILE NAME =	USER NAME = galbanjr	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94			MANHOLE WITH		F.A.P. RTF.	SECTION	COUNTY TO	JTAL SHEE
c:\pw_work\pwidot\galbanjr\d0304020\Dis	Std.dgn	DRAWN -	REVISED - E. GOMEZ 08-28-00	STATE OF ILLINOIS				345	7Y-WRS	COOK	97 68
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-08-01	DEPARTMENT OF TRANSPORTATION		RESTRICTOR PLATE		BD600-	-04 (BD-12)	CONTRACT NO	IO. 60N18
	PLOT DATE = 4/3/2013	DATE - 09-09-94	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD DI	ST. NO. 1 ILLINOIS FED.	AID PROJECT	













RESTRICTOR TYPE									
	2	3	4	5	6				
ANT	SHARP EDGED	ARP EDGED SQUARE EDGED		SQUARE EDGED	ROUNDED				
0 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.					
2	C=.61	C=.61	C=.73	C=.82	C=.98				
VALUES OF "C" FOR CIRCULAR AND SOUARE ORIFICES									

ALL	DIMENS	SIONS	ARE	ΙN	INCHES	(MILLIMETERS)	UNLESS
OTH	ERWISE	SHOW	Ν.				