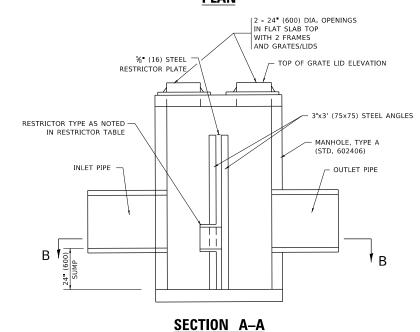
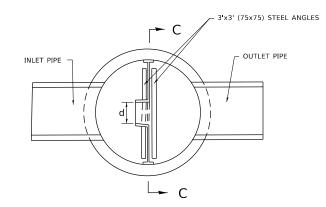


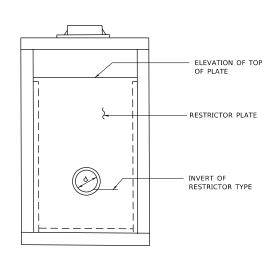
PLAN



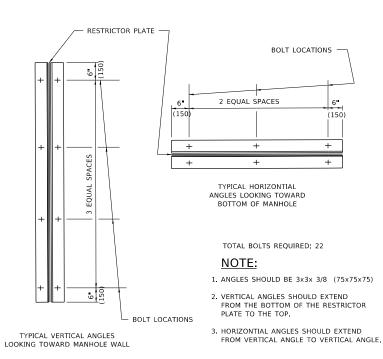
STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW

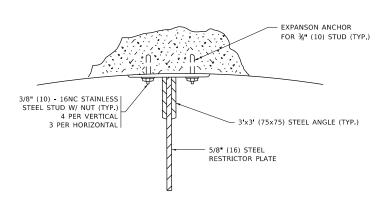


SECTION B-B



SECTION C-C





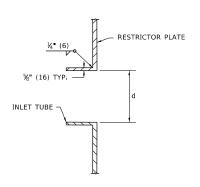
ANGLE FASTENER DETAIL

NOTES:

ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

- TO BE PAID FOR AS "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
- 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



INLET TUBE DETAIL

RESTRICTOR TYPE								
1	1 2		4	5	6			
RE-ENTRANT TUBE	I SHARP EDGED I SQUARE EDGED		RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED			
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ 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

SCALE: NONE

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

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED -	R. SHAH 10-25-94
	DRAWN -	REVISED -	E. GOMEZ 08-28-00
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	M. GOMEZ 01-08-01
PLOT DATE = 11/18/2022	DATE - 09-09-94	REVISED -	K. SMITH 11-18-22

STATE OF	F ILLINOIS
DEPARTMENT OF	TRANSPORTATION

MANHOLE WITH		F.A. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.				
RESTRICTOR PLATE											
HEOTHIOTOIL LEATE				•	В	D600-04	(BD-12)	CONTRACT	NO.		
HEET :	1	OF 1	SHEE	S STA.	TO STA.			ILLINOIS FED. A	ID PROJECT		