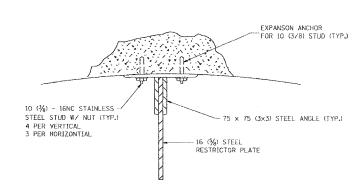


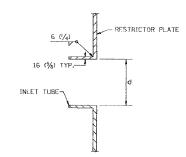
CONTRACT NO. 62030



ANGLE FASTENER DETAIL

## NOTES:

- 1. 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, 1,8m (GFT.)-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
ENGTH: ½ 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

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN. ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH

10/25/94 SCALE: NONE

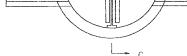
RESTRICTOR PLATE

DRAWN BY CHECKED BY BD600-04 (BD-12) DATE 10/18/2002

REVISION DATE: 01/08/01

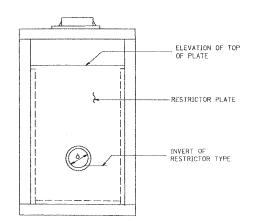
CONCENTRIC FRAME & GRATES/LIDS
- AS SHOWN ON PLANS

-OUTLET PIPE



INLET PIPE-

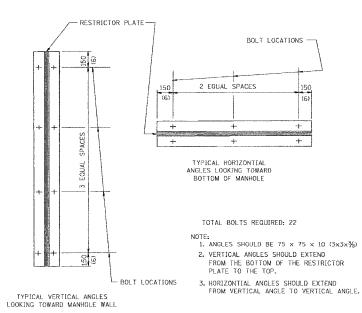
SECTION B-B



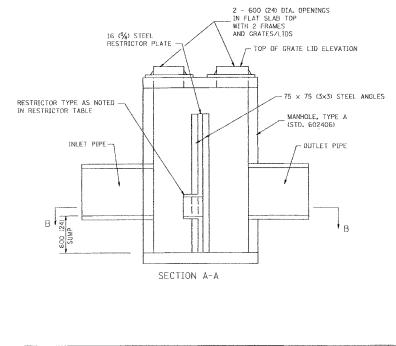
75 x 75 (3x3) STEEL ANGLES

- OUTLET PIPE

SECTION C-C



STEEL ANGLE BOLTING DETAILS



PLAN

STATION	MANHOLE DIAMETER	FRAME AND GRATE <b>(2)</b>	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER mm (In.) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
10+293	1.8m	T1F, C.L.	2	290	265.464	266.184
10+587	1.8m	T1F, C.L.	2	400	262.111	262.900
11+393	1.8m	T1F, C.L.	2	310	252.850	255.100
12+495	1.8m	T1F, C.L.	2	290	241.100	242.294

10/18/2002 c:\projects\diststd\bdl2.dgn VI=BDI2