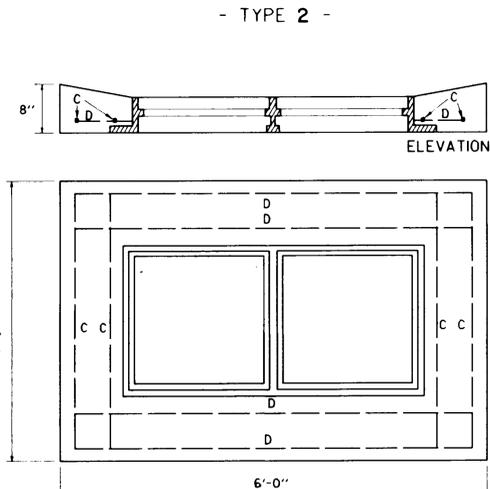
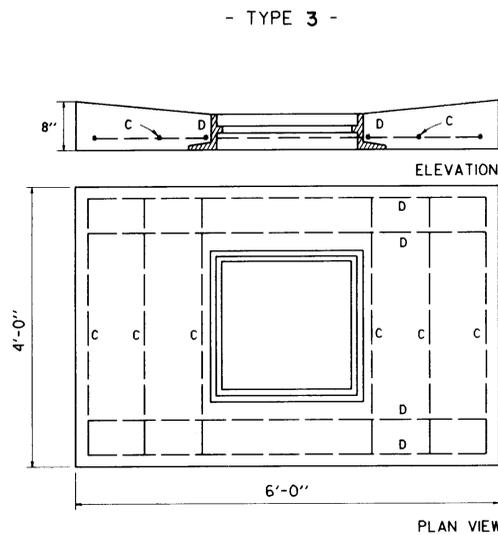


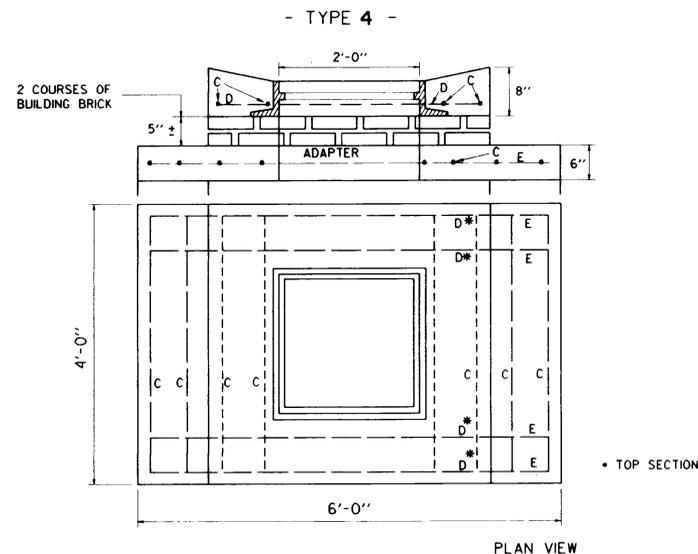
4'x 4' DROP INLET TOP



4'x6' DROP INLET
TOP WITH TWO CAST IRON GRATES



4'x6' DROP INLET
TOP WITH ONE CAST IRON GRATE



TOP AND ADAPTER
4'x6' DROP INLET
WITH 4'x4' TOP
TOP WITH ONE CAST IRON GRATE

NOTES

ALL REINFORCING STEEL TO BE NO. 5 DEFORMED BARS, EVENLY SPACED WITH A MAXIMUM SPACING OF 12" C/C.
 ALL REINFORCING STEEL TO HAVE 2 INCH MIN. COVER.
 DROP INLET TO BE CONSTRUCTED IN ACCORDANCE WITH STRUCTURAL CONCRETE, SECTION 501.
 GRATES TO CONFORM TO DROP INLETS, CATCH BASINS, AND MANHOLES, SECTION 604.
 FURNISHING AND LAYING OF BRICKS FOR ADJUSTING ELEVATION OF GRATE SHALL BE INCLUDED IN UNIT BID PRICE FOR CONCRETE, CLASS B, PAY ITEM 501.25, AND THEIR VOLUME TO BE INCLUDED IN THE FINAL QUANTITIES.
 MORTAR, TYPE II, TO BE USED AS JOINT FILLER AND LAYING OF BRICK.
 SEE DROP INLET WITH 8" WALLS FOR DETAILS OF BOTTOM SECTION
 FRAME DEPTH MAY VARY WITH MANUFACTURER. A MINIMUM DEPTH OF 6" SHALL BE MAINTAINED. NO INCREASE SHALL BE MADE IN CONCRETE QUANTITIES DUE TO VARIATIONS IN FRAME DIMENSIONS.
 SEE DRAINAGE STANDARDS FOR ADDITIONAL DETAILS OF GRATES AND FRAMES.

REINFORCING SCHEDULE							QUANTITIES CONCRETE STEEL	
TYPE	*C	LENGTH	*D	LENGTH	*E	LENGTH	CY	LBS
1	4	3'-8	4	3'-8			0.25	31
2	4	3'-8	4	5'-8			0.32	39
3	6	3'-8	4	5'-8			0.42	47
4	12	3'-8	4	3'-8	4	5'-8	0.81*	85

* 2 COURSES OF BRICK

BUILT AS DESIGNED 4/13/84

DROP INLET GRATES FOR USE IN DITCHES

VERMONT ROUTE 289 (F.A.P.)

PROJ. WILLISTON - COLCHESTER NO. PB 033 - 1 (2)

SHEET 161 OF 400

DATE 6/88