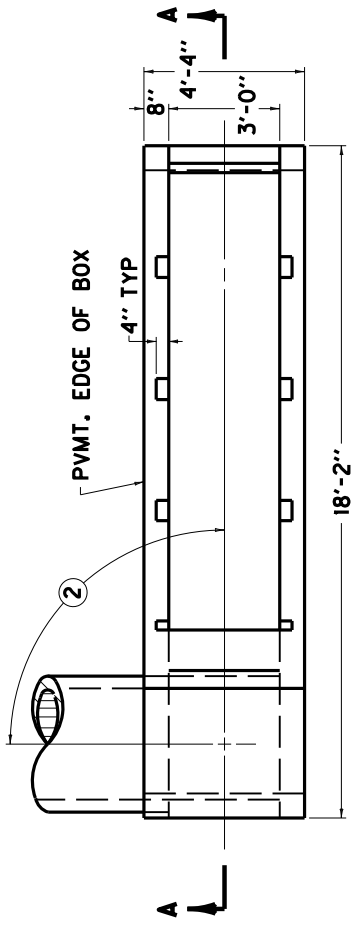


- ① TOE OF BOX SHALL BE RAISED OR LOWERED TO FIT EXISTING FIELD CONDITIONS.
- ② SKEW OF BOX SHALL VARY TO FIT EXISTING FIELD CONDITIONS.

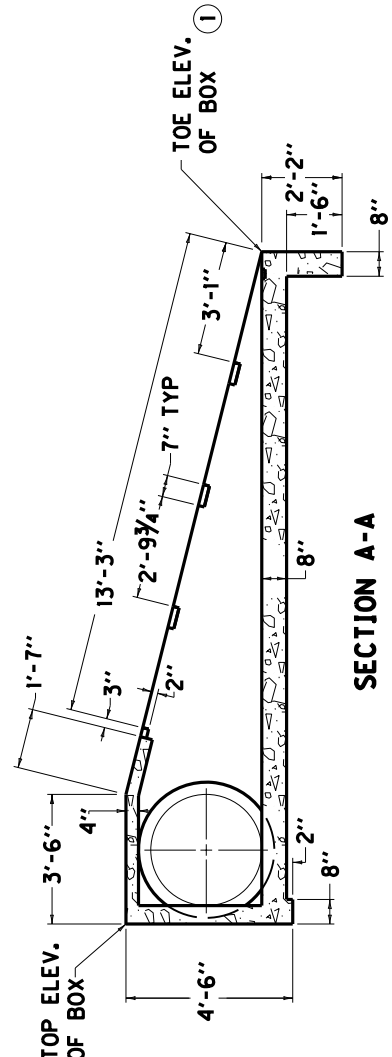
GRATE NO. 2
SIDE ELEVATION

NOTES

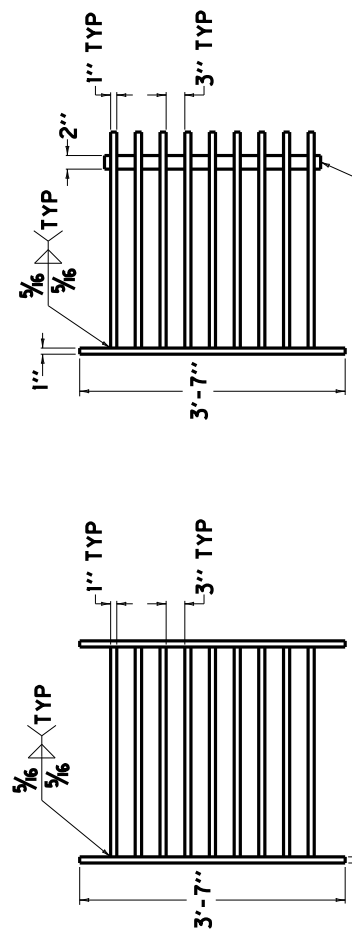
- ITEM CODE BID ITEM UNIT
- 2304NS710 SAFETY BOX INLET-36 INCH SDB-1 EACH
- THE UNIT BID FOR EACH STRUCTURE SHALL INCLUDE ALL CONCRETE, STRUCTURAL STEEL GRATING, EXCAVATION, LABOR AND INCIDENTALS NECESSARY FOR ITS CONSTRUCTION AS DETAILED ON THIS SHEET.
- TOE OF BOX SHALL BE RAISED OR LOWERED TO FIT EXISTING FIELD CONDITIONS.
1. SKEW OF BOX SHALL VARY TO FIT EXISTING FIELD CONDITIONS.
2. ALL QUANTITIES ARE FOR ONE HEADWALL.



PLAN VIEW

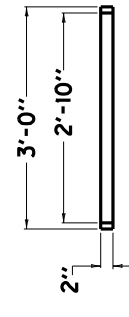


SECTION A-A

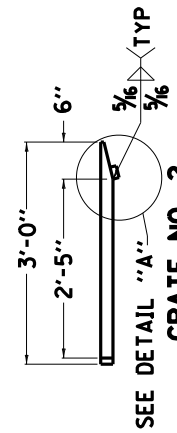


GRATE NO. 1
PLAN VIEW

GRATE NO. 2
PLAN VIEW



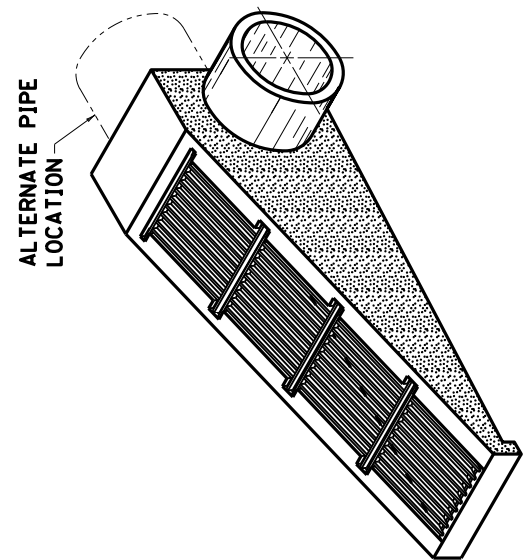
GRATE NO. 1
SIDE ELEVATION



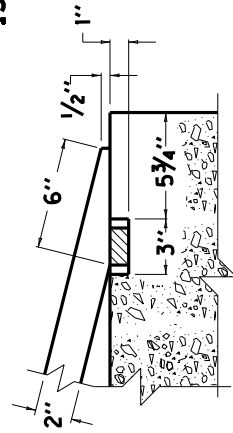
GRATE NO. 2
SIDE ELEVATION

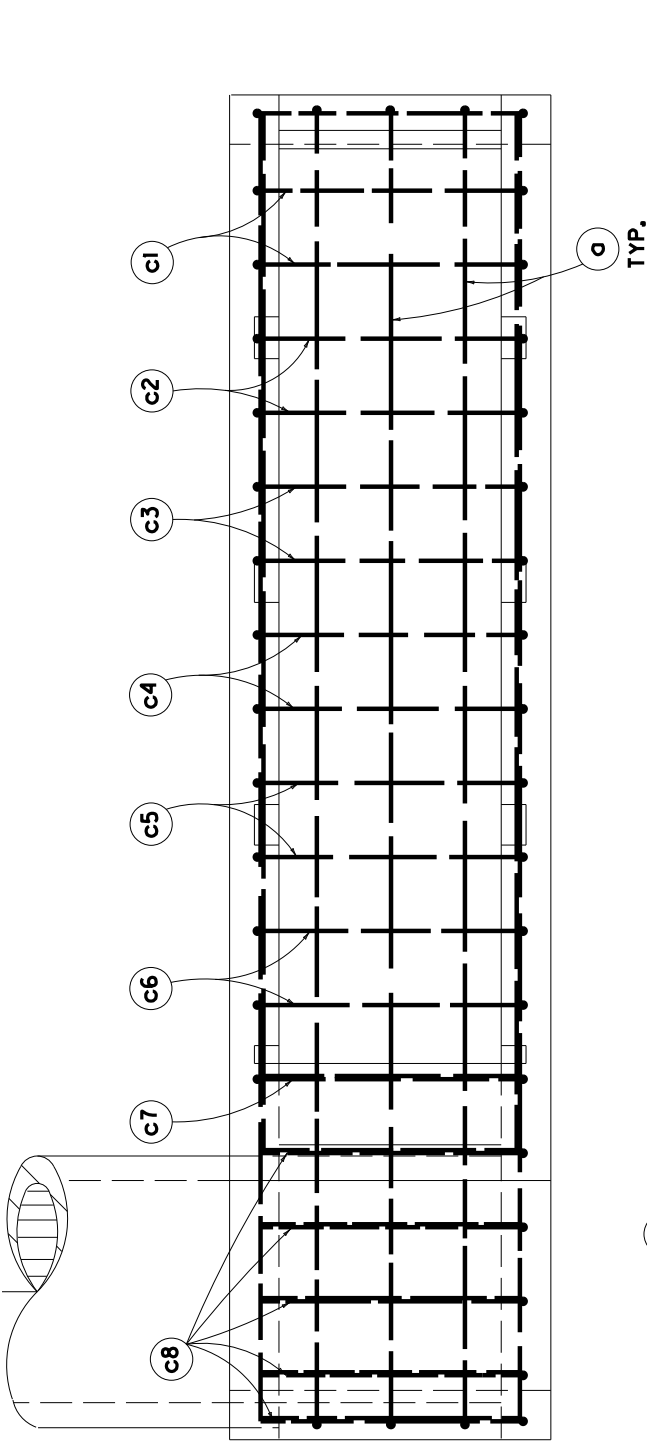
DETAIL "A"

APPROXIMATE QUANTITIES					
CLASS "A" CONC.	GRATE NUMBER	NO. OF GRATES REQ'D.	LBS.		REINF. STEEL
			STRUCTURAL STEEL	EACH GRATE	
4.51	1	3	896	222	261
	2	1		230	

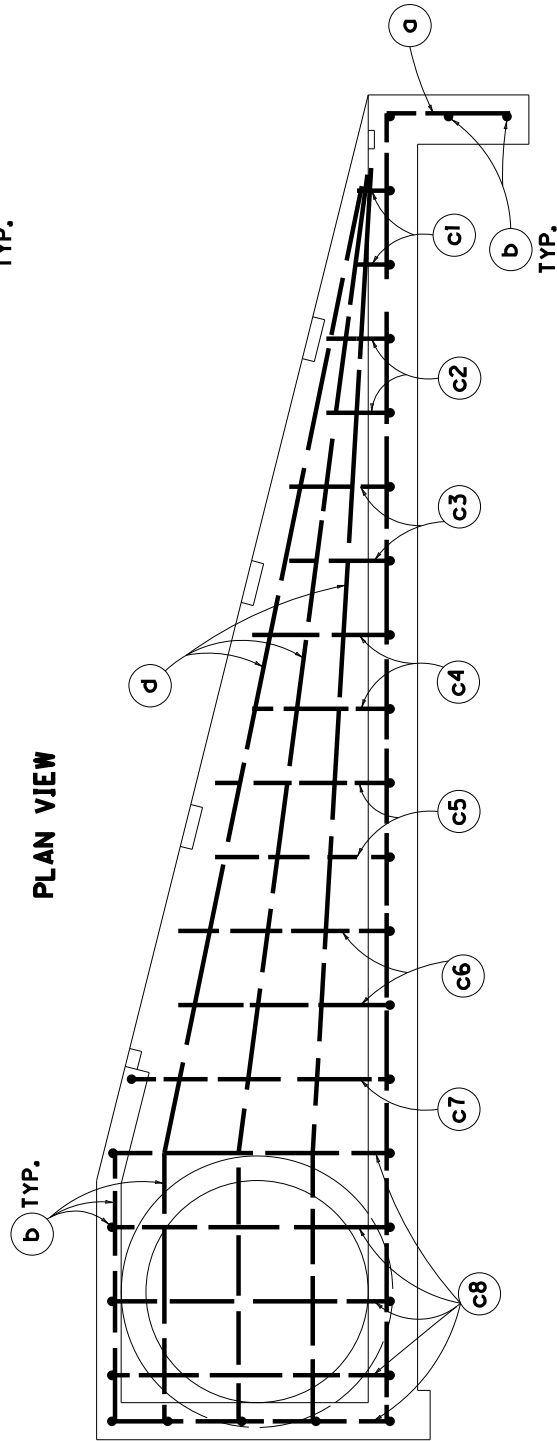


ISOMETRIC VIEW





PLAN VIEW



ELEVATION VIEW

NOTES

1. NUMBER OF BARS IN ONE HEADWALL.
2. DIMENSIONS ARE O. TO O. OF BARS.
3. ALL BARS ARE STRAIGHT EXCEPT THOSE SHOWN BELOW.

BENT BAR SHAPES



BARS (C)



BARS (C)

MARK	S	NO	LGTH	K	36"	
					(1)	FT IN
a	4	5	19	6	1	8
b	4	16	3	6		
c1	4	2	5	0	3	6
c2	4	2	5	10	3	6
c3	4	2	6	10	3	6
c4	4	2	7	10	3	6
c5	4	2	8	10	3	6
c6	4	2	9	10	3	6
c7	4	1	11	0	3	6
c8	4	5	11	6	3	6
d	4	6	13	4		

SHEET 2 OF 2

KENTUCKY
DEPARTMENT OF HIGHWAYS

BILL OF REINFORCEMENT
SAFETY TYPE BOX INLET
(36")