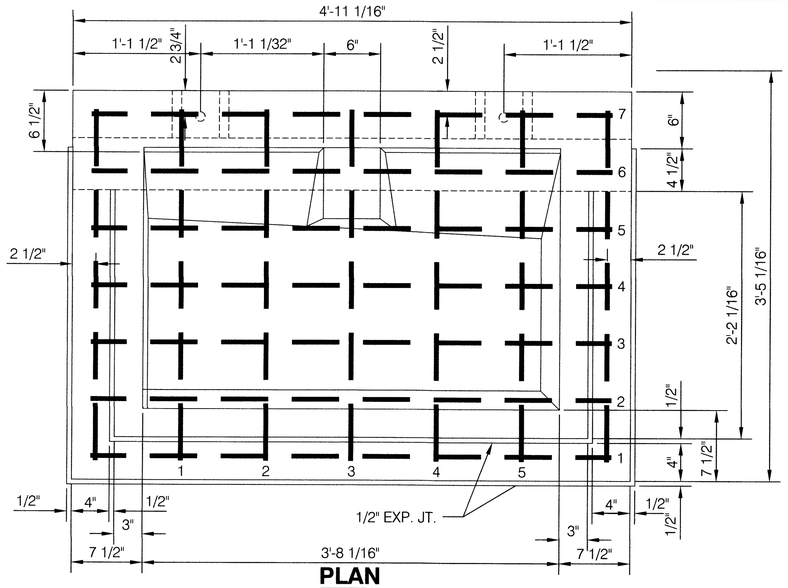
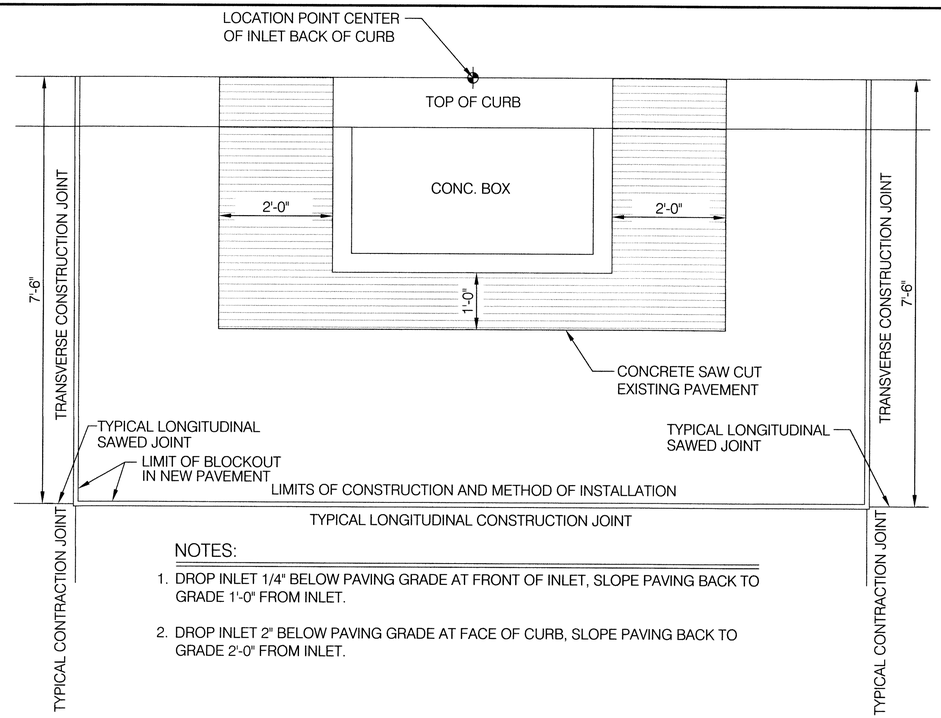
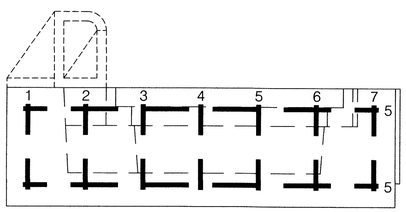


PLAN

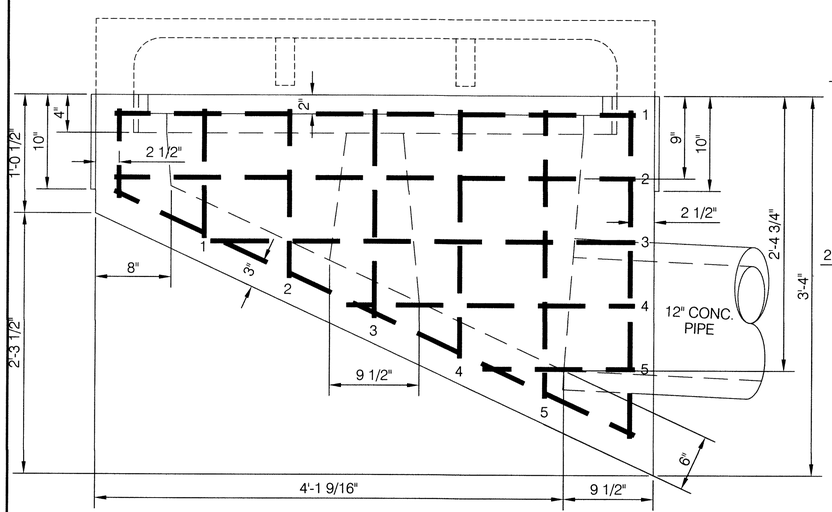


NOTES:

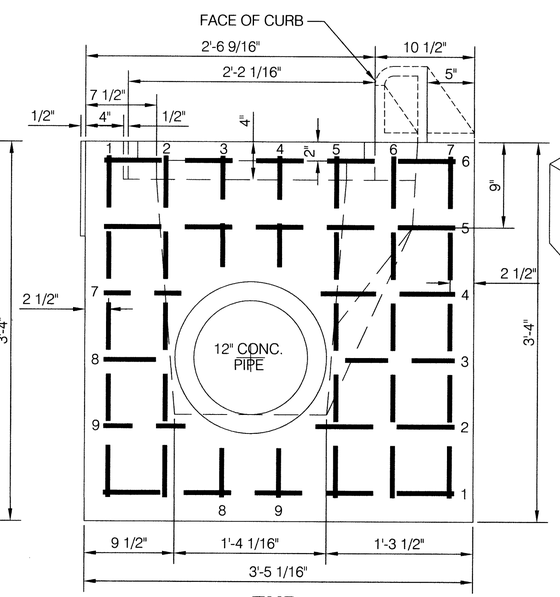
1. DROP INLET 1/4" BELOW PAVING GRADE AT FRONT OF INLET, SLOPE PAVING BACK TO GRADE 1'-0" FROM INLET.
2. DROP INLET 2" BELOW PAVING GRADE AT FACE OF CURB, SLOPE PAVING BACK TO GRADE 2'-0" FROM INLET.



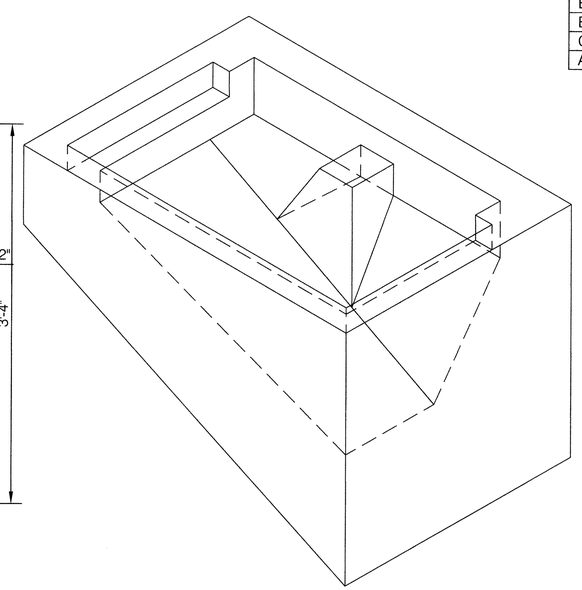
END



ELEVATION



END



APPROXIMATE QUANTITIES

REINFORCING STEEL

BAR	NO.	SIZE	LENGTH	DESCRIPTION	SPACED
1 to 5	5	NO. 4	3'-0"	TRANSVERSE FOOTING	9" CC
1 to 7	7	NO. 4	4'-6"	LONGITUDINAL FOOTING	6" CC
1	2	NO. 4	4'-6"	LONGITUDINAL SIDE WALL	6 5/8"
2	2	NO. 4	4'-6"	LONGITUDINAL SIDE WALL	6 5/8"
3	2	NO. 4	3'-8"	LONGITUDINAL SIDE WALL	6 5/8"
4	2	NO. 4	2'-5"	LONGITUDINAL SIDE WALL	6 5/8"
5	2	NO. 4	1'-3"	LONGITUDINAL SIDE WALL	6 5/8"
1	2	NO. 4	1'-1"	VERTICAL SIDE WALLS	9" CC
2	2	NO. 4	1'-5"	VERTICAL SIDE WALLS	9" CC
3	2	NO. 4	1'-9"	VERTICAL SIDE WALLS	9" CC
4	2	NO. 4	2'-1"	VERTICAL SIDE WALLS	9" CC
5	2	NO. 4	2'-6"	VERTICAL SIDE WALLS	9" CC
1	1	NO. 4	2'-11"	VERTICAL END WALLS	6" CC
2	1	NO. 4	2'-11"	VERTICAL END WALLS	6" CC
3	1	NO. 4	1'-2"	VERTICAL END WALLS	6" CC
4	1	NO. 4	1'-2"	VERTICAL END WALLS	6" CC
5	1	NO. 4	2'-11"	VERTICAL END WALLS	6" CC
6	1	NO. 4	2'-11"	VERTICAL END WALLS	6" CC
7	1	NO. 4	2'-11"	VERTICAL END WALLS	6" CC
8	1	NO. 4	0'-6"	VERTICAL END WALLS	6" CC
9	1	NO. 4	0'-6"	VERTICAL END WALLS	6" CC
1	1	NO. 4	3'-0"	LONGITUDINAL END WALLS	6 5/8"
2	1	NO. 4	1'-5"	LONGITUDINAL END WALLS	6 5/8"
3	1	NO. 4	1'-2"	LONGITUDINAL END WALLS	6 5/8"
4	1	NO. 4	1'-7"	LONGITUDINAL END WALLS	6 5/8"
5	1	NO. 4	3'-0"	LONGITUDINAL END WALLS	6 5/8"
6	1	NO. 4	3'-0"	LONGITUDINAL END WALLS	6 5/8"
7	1	NO. 4	1'-2"	LONGITUDINAL END WALLS	6 5/8"
8	1	NO. 4	0'-7"	LONGITUDINAL END WALLS	6 5/8"
9	1	NO. 4	0'-10"	LONGITUDINAL END WALLS	6 5/8"
1 to 7	7	NO. 4	0'-9"	VERTICAL END WALL	6" CC
1&2	2	NO. 4	3'-0"	LONGITUDINAL END WALL	6" CC
				TOTAL LENGTH 141.67 FT.	
				TOTAL WEIGHT 94.92 LBS.	

1 CAST IRON GRATE	APPROX. 365 LBS.
1 CAST IRON FRAME	APPROX. 292 LBS.
1 CAST IRON CURB INLET	APPROX. 290 LBS.
2 - 8" x 3/4" ANCHOR BOLTS W/3/4" WASHERS & HEX NUTS	
BITUMINOUS EXP. JT. MATERIAL 1/2" x 10" x 11' (PAVING DEPTH)	
BITUMINOUS EXP. JT. MATERIAL 1/2" x 4" x 8'-9" (FRAME DEPTH)	
BITUMINOUS EXP. JT. MATERIAL 1/2" x 8" x 11" (CURB DEPTH)	
CUBIC YARDS CONCRETE	.9 C.Y.
AREA OF BLOCKOUT (EXISTING PAVEMENT ONLY)	4.4 S.Y.

NOTES

1. CONCRETE SHALL BE CLASS L65M.
2. REINFORCING STEEL SHALL BE DEFORMED BARS IN ACCORDANCE WITH ASTM A615 GRADE 60.
3. REINFORCING BARS WILL BE TIE WIRED AT ALL POINTS OF INTERSECTION
4. STANDARD DRAWING OF CAST IRON CURB INLET AND FLAT GRATE AND FRAME. STANDARD PLATES NO. 700-92 AND 700-93.
5. INLET PIPE MAY BE INSTALLED AT END OR EITHER SIDE.
6. REINFORCING SHALL BE PLACED WITH A TOLERANCE OF -1/4" AND +1/2" ON CLEARANCE.

Kirk R Pfeff
DESIGN ENGINEER
Todd Pfeifer
CITY ENGINEER

CITY OF OMAHA PUBLIC WORKS DEPARTMENT

TYPE "A" SINGLE INLET

STANDARD PLATE 700-03

SHEET 1/1

ISSUE DATE: ... DECEMBER 10, 2013