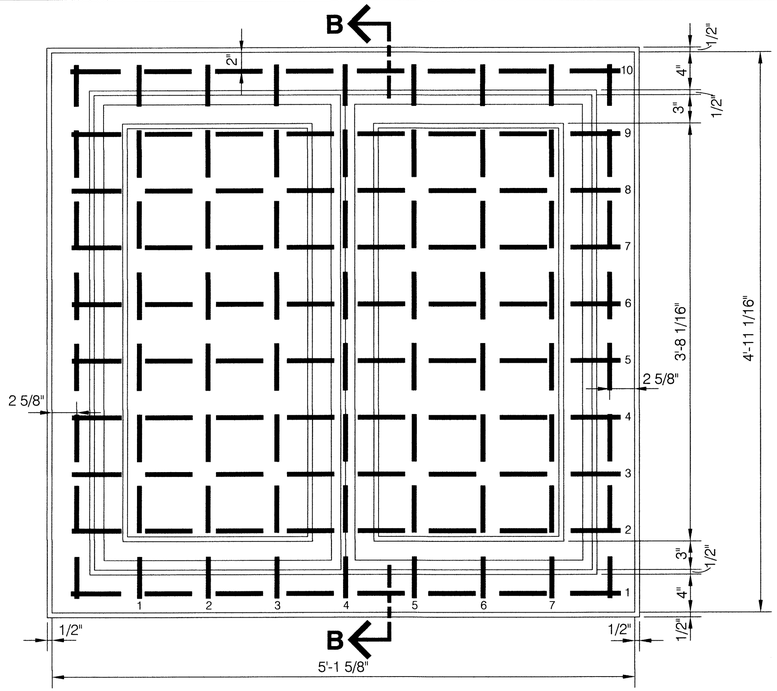
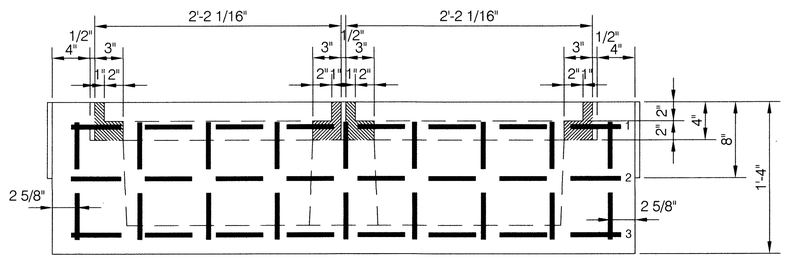
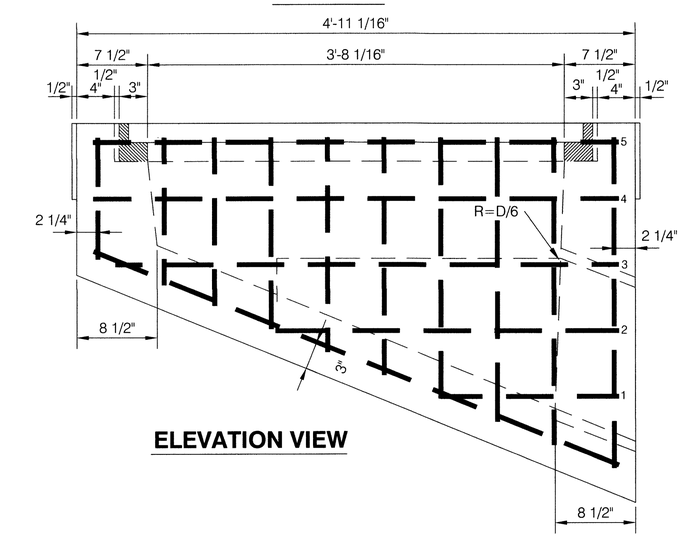


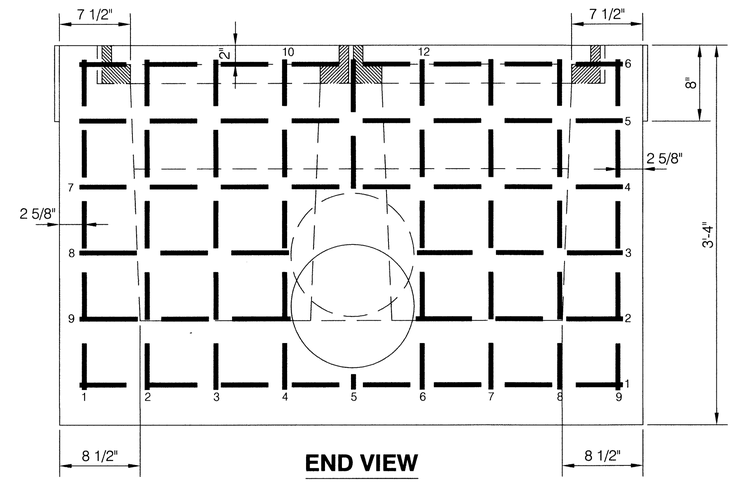
PLAN



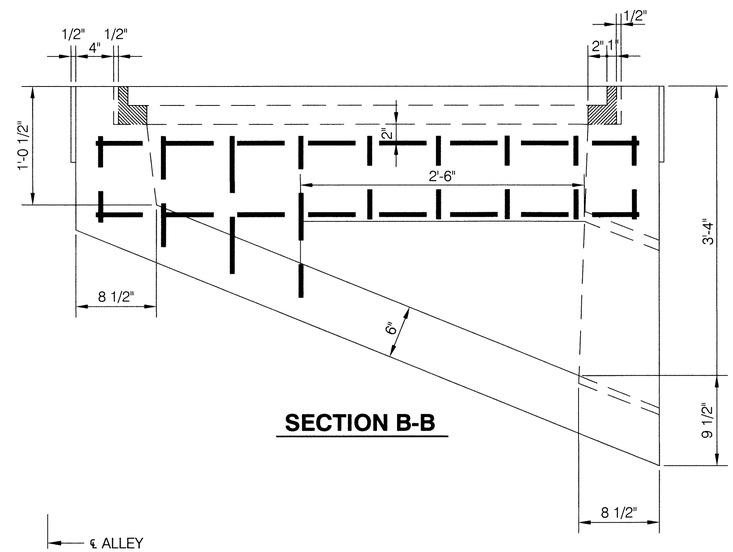
END VIEW



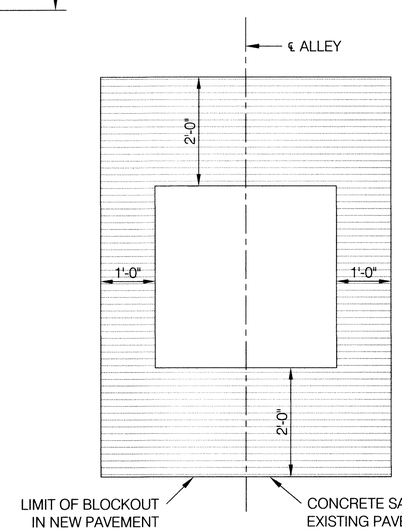
ELEVATION VIEW



END VIEW



SECTION B-B



LIMITS OF CONSTRUCTION AND METHOD OF INSTALLATION

NOTE:

DROP INLET $\frac{1}{4}$" BELOW PAVING GRADE AT THE CORNERS OF THE INLET. SLOPE PAVING BACK TO GRADE 1'-0" FROM INLET.

DROP INLET $\frac{3}{4}$" BELOW PAVING GRADE AT CENTERLINE OF ALLEY.

SLOPE PAVING BACK TO GRADE 2/-0" FROM INLET.

WITHIN THE LIMITS SHOWN, CONSTRUCT OR REMOVE AND REPLACE PAVEMENT TO BE INCLUDED IN THE COST OF THE INLET.

QUANTITIES

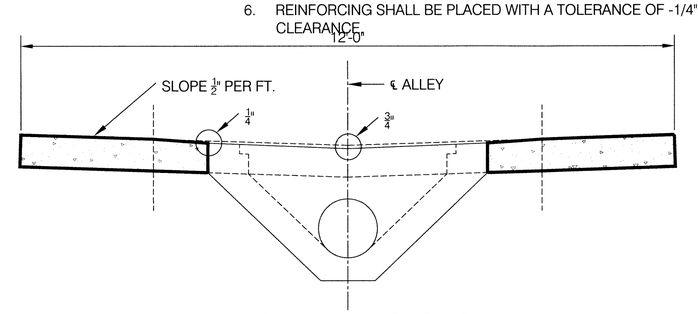
REINFORCING STEEL

BAR	NO.	SIZE	LENGTH	DESCRIPTION	SPACED
1-7	7	NO.4Ø	2'-9"	TRANSVERSE FOOTING	7 1/8" CC
1-10	10	NO.4Ø	4'-10"	TRANSVERSE FOOTING	6 1/8" CC
1	2	NO.4Ø	1'-3"	VERTICAL SIDE WALL	6" CC
2	2	NO.4Ø	1"-5"	VERTICAL SIDE WALL	6" CC
3	2	NO.4Ø	1'-9"	VERTICAL SIDE WALL	6" CC
4	2	NO.4Ø	1'-10"	VERTICAL SIDE WALL	6" CC
5	5	NO.4Ø	2'-1"	VERTICAL SIDE WALL	6" CC
6	2	NO.4Ø	2'-4"	VERTICAL SIDE WALL	6" CC
7	2	NO.4Ø	2'-6"	VERTICAL SIDE WALL	6" CC
8	2	NO.4Ø	2'-8"	VERTICAL SIDE WALL	6" CC
1	2	NO.4Ø	1'-4"	LONGITUDINAL SIDE WALL	7 1/8" CC
2	2	NO.4Ø	2'-9"	LONGITUDINAL SIDE WALL	7 1/8" CC
3	2	NO.4Ø	4'-2"	LONGITUDINAL SIDE WALL	7 1/8" CC
4-5	4	NO.4Ø	4'-8"	LONGITUDINAL SIDE WALL	7 1/8" CC
1-9	9	NO.4Ø	1'-0"	VERTICAL END WALL	7 1/8" CC
1-3	3	NO.4Ø	4'-9"	LONGITUDINAL END WALL	5 3/4" CC
1-3	3	NO.4Ø	3'-0"	VERTICAL END WALL	7 1/8" CC
4-6	2	NO.4Ø	0'-6"	VERTICAL END WALL	7 1/8" CC
5	1	NO.4Ø	0'-3"	VERTICAL END WALL	7 1/8" CC
7-8-9	3	NO.4Ø	3'-0"	VERTICAL END WALL	7 1/8" CC
10-12	2	NO.4Ø	1'-4"	VERTICAL END WALL	7 1/8" CC
11	1	NO.4Ø	1'-0"	VERTICAL END WALL	7 1/8" CC
1	1	NO.4Ø	4'-10"	LONGITUDINAL END WALL	7" CC
2-3-9	3	NO.4Ø	1'-8"	LONGITUDINAL END WALL	7" CC
4	1	NO.4Ø	1'-11"	LONGITUDINAL END WALL	7" CC
5-6	2	NO.4Ø	4'-10"	LONGITUDINAL END WALL	7" CC
7	1	NO.4Ø	1'-11"	LONGITUDINAL END WALL	7" CC
8	1	NO.4Ø	1'-7"	LONGITUDINAL END WALL	7" CC
1-2	2	NO.4Ø	4'-9"	LONGITUDINAL END WALL	7" CC
4-8	4	NO.4Ø	0'-9"	VERTICAL CENTER WALL	6" CC
3	1	NO.4Ø	1'-3"	VERTICAL CENTER WALL	6" CC
2	1	NO.4Ø	1'-1"	VERTICAL CENTER WALL	6" CC
1	1	NO.4Ø	0"-11"	VERTICAL CENTER WALL	6" CC
TOTAL WEIGHT					153.37 LBS
TOTAL LENGTH					228.9 FT

2 CAST IRON GRATES	365 LBS. X 2 = 730 LBS.
2 CAST IRON FRAMES	292 LBS. X 2 = 584 LBS.
BITUMINOUS EXPANSION JOINT	1/2" X 4" X 20'-6 3/16"
BITUMINOUS EXPANSION JOINT	1/2" X 6" X 20'-1 5/8" ALLEY
BITUMINOUS EXPANSION JOINT	1/2" X 8" X 20'-1 5/8" STREET
CUBIC YARDS CONCRETE 20 CY	AREA OF BLOCKOUT 52.7 CY/SY

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 GRATE AND FRAME SEE STANDARD PLATE NO. 700-92 AND NO. 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.



TYPICAL ALLEY SECTION

DESIGN ENGINEER

CITY ENGINEER

CITY OF OMAHA PUBLIC WORKS DEPARTMENT

TYPE "C" DOUBLE INLET

STANDARD PLATE **700-10**

SHEET 1/1

ISSUE DATE: ... DECEMBER 10, 2013