

REINFORCEMENT STEEL FOR 8" LID

(GRADE CONDITION)

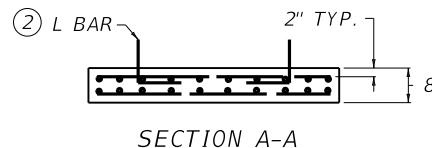
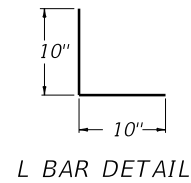
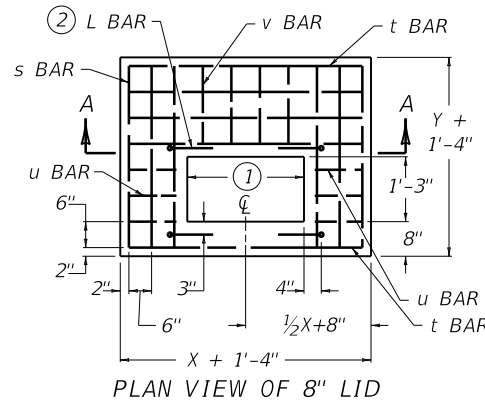
SIZE		NO. 5 STEEL BARS														
X	Y	BAR s		BAR t		BAR u		BAR v		LBS.						
		QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.							
2'-3"	1'-3"	--	--	--	--	--	--	--	--	7						
	2'-0"	4	3'-0"	8	3'-3"	--	--	10	1'-0"	57						
	2'-6"		3'-6"						10	1'-6"	71					
	3'-0"		4'-0"						12	2'-0"	85					
	3'-6"		4'-6"						14	2'-6"	99					
	4'-0"		5'-0"						16	3'-0"	113					
	4'-6"		5'-6"						18	3'-6"	127					
	5'-0"		6'-0"						20	4'-0"	142					
	2'-6"		1'-3"						8	2'-3"	4	3'-6"	--	--	8	--
2'-0"			3'-0"							8						1'-0"
2'-6"		3'-6"	10	1'-6"	85											
3'-0"		4'-0"	12	2'-0"	101											
3'-6"		4'-6"	14	2'-6"	116											
4'-0"		5'-0"	16	3'-0"	132											
4'-6"		5'-6"	18	3'-6"	148											
5'-0"		6'-0"	20	4'-0"	163											
3'-0"		1'-3"	8	2'-3"	4	4'-0"	--	--		10						--
	2'-0"	3'-0"		8					1'-0"		76					
	2'-6"	3'-6"		10					1'-6"		94					
	3'-0"	4'-0"		12					2'-0"		111					
	3'-6"	4'-6"		14					2'-6"		129					
	4'-0"	5'-0"		16					3'-0"		147					
	4'-6"	5'-6"		18					3'-6"		164					
	5'-0"	6'-0"		20					4'-0"		182					
	3'-6"	1'-3"		12					2'-3"		4	4'-6"	12	0'-11"	8	--
2'-0"		3'-0"	8		1'-0"	102										
2'-6"		3'-6"	10		1'-6"	122										
3'-0"		4'-0"	12		2'-0"	142										
3'-6"		4'-6"	14		2'-6"	161										
4'-0"		5'-0"	16		3'-0"	181										
4'-6"		5'-6"	18		3'-6"	201										
5'-0"		6'-0"	20		4'-0"	221										
4'-0"		1'-3"	12		2'-3"	4	5'-0"	12	1'-2"	10						--
	2'-0"	3'-0"		8	1'-0"						111					
	2'-6"	3'-6"		10	1'-6"						133					
	3'-0"	4'-0"		12	2'-0"						155					
	3'-6"	4'-6"		14	2'-6"						177					
	4'-0"	5'-0"		16	3'-0"						199					
	4'-6"	5'-6"		18	3'-6"						221					
	5'-0"	6'-0"		20	4'-0"						243					
	4'-6"	1'-3"		16	2'-3"						4	5'-6"	12	1'-5"	8	--
2'-0"		3'-0"	8		1'-0"	129										
2'-6"		3'-6"	10		1'-6"	153										
3'-0"		4'-0"	12		2'-0"	177										
3'-6"		4'-6"	14		2'-6"	201										
4'-0"		5'-0"	16		3'-0"	225										
4'-6"		5'-6"	18		3'-6"	249										
5'-0"		6'-0"	20		4'-0"	273										

(GRADE CONDITION)

SIZE		NO. 5 STEEL BARS									
X	Y	BAR s		BAR t		BAR u		BAR v		LBS.	
		QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.		
5'-0"	1'-3"	16	2'-3"	4	6'-0"	12	1'-8"	10	--	90	
	2'-0"		3'-0"						8	1'-0"	138
	2'-6"		3'-6"						10	1'-6"	164
	3'-0"		4'-0"						12	2'-0"	191
	3'-6"		4'-6"						14	2'-6"	217
	4'-0"		5'-0"						16	3'-0"	243
	4'-6"		5'-6"						18	3'-6"	269
	5'-0"		6'-0"						20	4'-0"	295

REINFORCEMENT STEEL FOR 8" LID
(SAG CONDITION)

SIZE		NO. 5 STEEL BARS									
X	Y	BAR s		BAR t		BAR u		BAR v		LBS.	
		QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.		
4'-11"	1'-3"	4	3'-0"	8	5'-11"	--	--	22	--	7	
	2'-0"		3'-6"						10	1'-0"	92
	2'-6"		4'-0"						12	1'-6"	118
	3'-0"		4'-6"						14	2'-0"	144
	3'-6"		5'-0"						16	2'-6"	169
	4'-0"		5'-6"						18	3'-0"	195
	4'-6"		6'-0"						20	3'-6"	221
	5'-0"		6'-0"						20	4'-0"	247



~ NOTES ~

- DIMENSION VARIES DEPENDING UPON LOCATION OF BOX: GRADE CONDITION= 2'-3" SAG CONDITION= 4'-11"
- IN ADDITION TO THE CHARTED STEEL, FOUR L BARS ARE REQUIRED IN THE LID AND ARE INCLUDED IN THE TOTALS.
- CONCRETE QUANTITIES FOR LID ARE INCLUDED ON " DIMENSIONS AND ESTIMATE OF QUANTITIES FOR D.B.I. TYPE 13". SEE CUR. STD. DWGS. RDB-016 AND RDB-017.
- REINFORCEMENT SHALL HAVE A CLEAR DISTANCE OF 2" FROM THE OUTSIDE FACE UNLESS OTHERWISE SHOWN.

USE WITH CUR. STD. DWGS.
RDB-013 RDB-014 RDB-016
RDB-017 RDB-018 RDB-019

KENTUCKY
DEPARTMENT OF HIGHWAYS

DROP BOX INLET
TYPE 13
(DETAIL & BAR CHART
FOR LID)

STANDARD DRAWING NO. RDB-015-04

SUBMITTED *[Signature]* 12-01-15
DATE
APPROVED *[Signature]* 12-01-15
DATE
STATE HIGHWAY ENGINEER