

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"	--	--	--	--	40
	2'-0"		3'-0"	8				8	1'-0"	70
	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"	--	--	--	--	42
	2'-0"		3'-0"	8				10	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"	--	--	65
	2'-0"		3'-0"	8				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"	--	--	71
	2'-0"		3'-0"	8				10	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

(GRADE CONDITION)

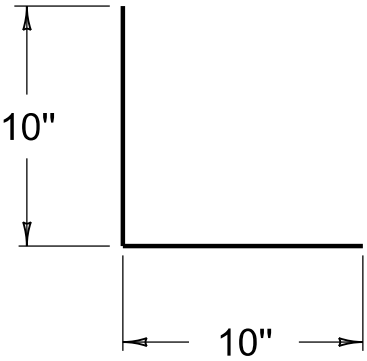
SIZE		NO. 5 STEEL BARS								
X	Y	BAR s		BAR t		BAR u		BAR v		LBS.
		QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	
4'-6"	1'-3"	16	2'-3"	4	5'-6"	12	1'-5"	--	--	85
	2'-0"		3'-0"	8				1'-0"	129	
	2'-6"		3'-6"	10				1'-6"	153	
	3'-0"		4'-0"	12				2'-0"	177	
	3'-6"		4'-6"	14				2'-6"	201	
	4'-0"		5'-0"	16				3'-0"	225	
	4'-6"		5'-6"	18				3'-6"	249	
	5'-0"		6'-0"	20				4'-0"	273	
5'-0"	1'-3"	16	2'-3"	4	6'-0"	12	1'-8"	--	--	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)

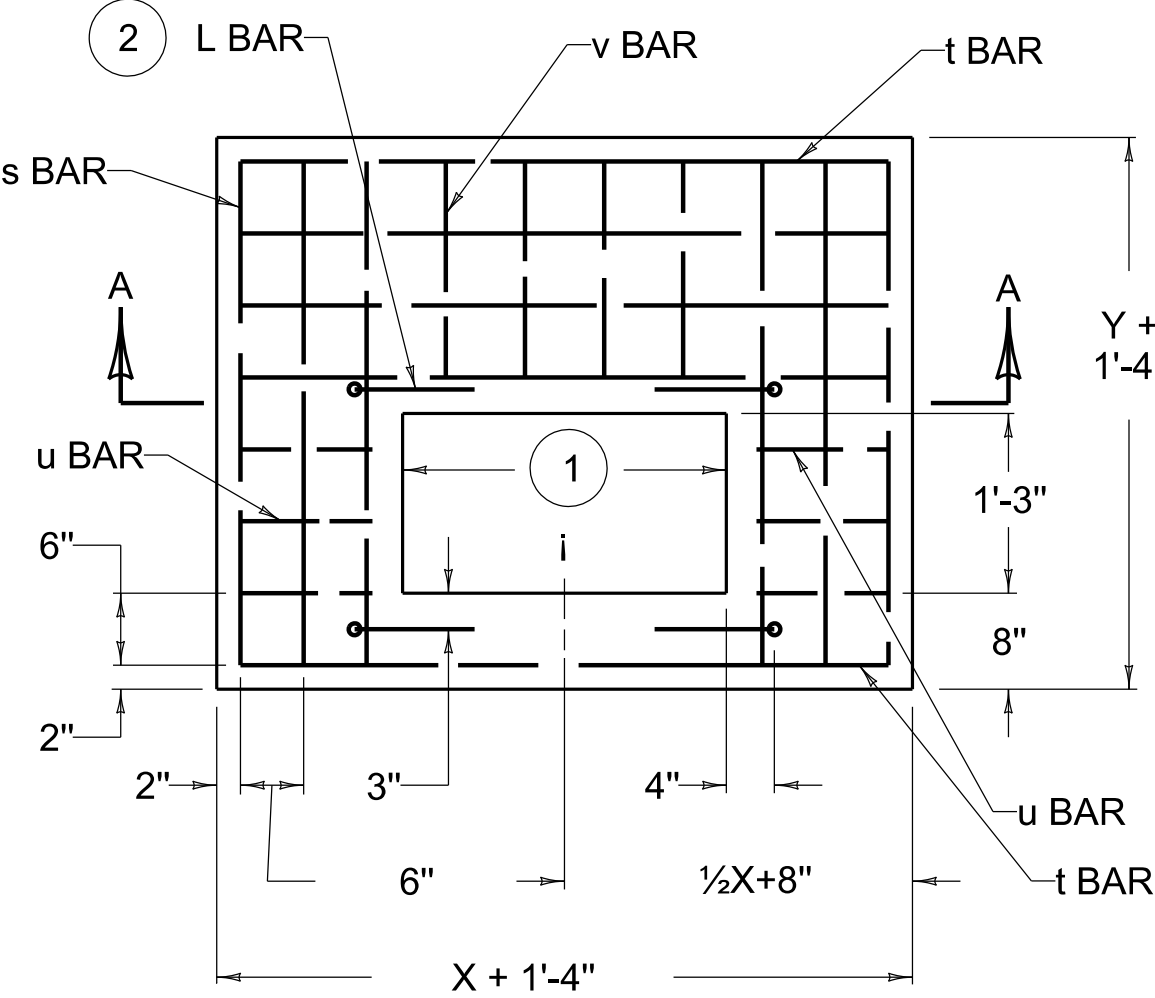
SIZE		NO. 5 STEEL BARS								
X	Y	BAR s		BAR t		BAR u		BAR v		LBS.
		QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	QTY.	LIN. FT.	
4'-11"	1'-3"	--	--	--	--	--	--	--	--	7
	2'-0"	4	3'-0"	8	5'-11"			22	1'-0"	92
	2'-6"		3'-6"	10					1'-6"	118
	3'-0"		4'-0"	12					2'-0"	144
	3'-6"		4'-6"	14					2'-6"	169
	4'-0"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

~ NOTES ~

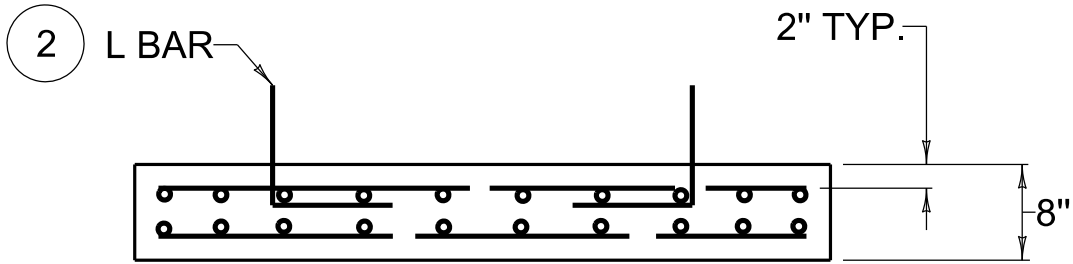
- 1 DIMENSION VARIES DEPENDING UPON LOCATION OF BOX:
GRADE CONDITION= 2'-3"
SAG CONDITION=4'-11"
- 2 IN ADDITION TO THE CHARTED STEEL, FOUR L BARS ARE
REQUIRED IN THE LID AND ARE INCLUDED IN THE TOTALS.
3. CONCRETE QUANTITIES FOR LID ARE INCLUDED ON
"DIMENSIONS AND ESTIMATE OF QUANTITIES FOR D.B.I. TYPE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



L BAR DETAIL



PLAN VIEW OF 8" LID



SECTION A-A

REVISION DATE: 12/01/2015
REVISION NUMBER: 0

12-01-2015
DATE

SUBMITTED
DIVISION DIRECTOR

APPROVED

12-01-2015
DATE

STATE HIGHWAY ENGINEER

DRAINAGE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



INLETS

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

STARDARD DRAWING NUMBER
RDB-015-04