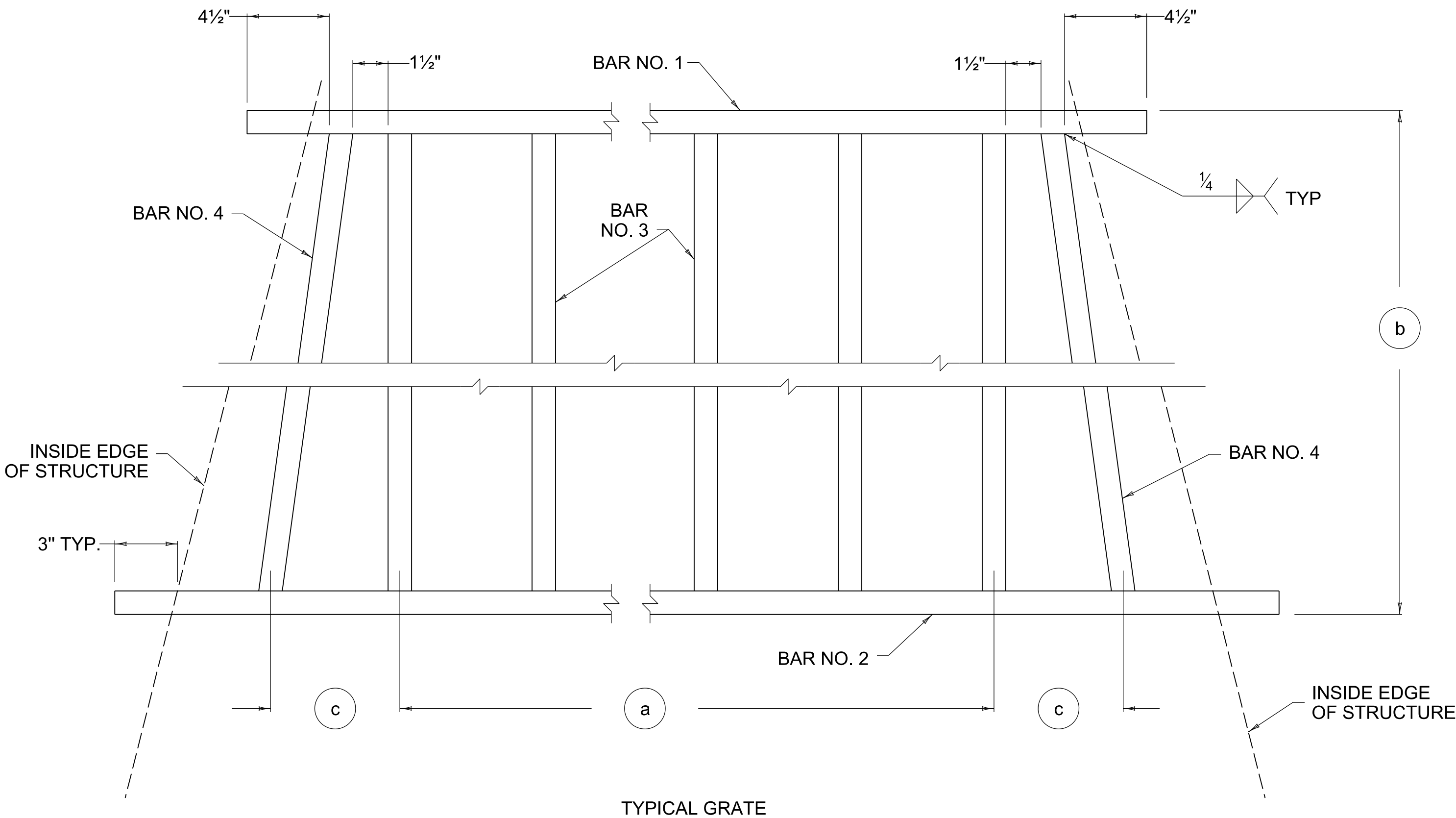


BOX INLET - OUTLET SIZE	GRATE		BAR NO. 1	BAR NO. 2	BARS NO. 3		BARS NO. 4	LBS. STRUCTURAL STEEL	
	NO.	SIZE	LENGTH	LENGTH	NO. BARS	LENGTH	LENGTH	EACH GRATE	TOTAL
18"	1	2'-0"	2'-6½"	3'-5¾"	4	1'-10"	1'-10¼"	116	272
	2	2'-0"	3'-7⅝"	4'-6⅞"	6	1'-10"	1'-10¼"	156	
24"	1	3'-0"	3'-1½"	4'-6⅝"	5	2'-10"	2'-10⅜"	187	454
	2	3'-0"	4'-8½"	6'-1⅜"	8	2'-10"	2'-10⅜'	267	
30"	1	3'-0"	3'-8½"	5'-1½"	6	2'-10"	2'-10⅜"	215	796
	2	3'-0"	5'-3½"	6'-8⅝"	9	2'-10"	2'-10⅜"	294	
	3	2'-0"	6'-10½"	7'-9¾"	13	1'-10"	1'-10¼"	287	
36"	1	3'-0"	4'-3½"	5'-8½"	7	2'-10"	2'-10⅜"	242	1218
	2	3'-0"	5'-10½"	7'-3⅝"	10	2'-10"	2'-10⅜'	321	
	3	2'-0"	7'-5½"	8'-4¾"	14	1'-10"	1'-10¼"	308	
	4	2'-0"	8'-6¾"	9'-5⅞"	16	1'-10"	1'-10¼"	347	



- ~ NOTES ~
1. ALL COMPONENTS ARE 1" X 2" STRUCTURAL STEEL BARS.
 2. **a** EQUALLY SPACE BARS NO. 3.
b SIZE OF GRATE EITHER 2'-0" OR 3'-0".
c 5½" FOR 2'-0" GRATE, 7" FOR 3'-0" GRATE.

USE WITH CUR. STD. DWG.
RDB-105



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



INLETS

GRATES FOR SLOPED AND FLARED BOX INLET - OUTLET

STANDARD DRAWING NUMBER
RDB-106-05

DRAINAGE

SUBMITTED *William S. Leland* 12-01-2015
DIVISION DIRECTOR DATE
APPROVED *Steve* 12-01-2015
STATE HIGHWAY ENGINEER DATE

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