

STD. CURB BOX INLET (CBI) TYPE B
DOH STD. DWG#: RDB.280.02

① ADDITIONAL STEEL REINFORCEMENT REQUIREMENTS
(PIPE CHAMBER, H = 8' TO 15')

SIZE	X	Y	NO. 5 STEEL BARS					TOTAL	LBS.
			BAR n	BAR p	BAR q	BAR r	BAR s		
2'-0"	20	20	10	2	2	4	220	31	
2'-6"	22	22	11	2	2	5	245	35	
3'-0"	24	24	12	2	2	6	269	38	
3'-6"	26	26	13	2	2	7	294	41	
4'-0"	28	28	14	2	2	8	318	44	
4'-6"	30	30	15	2	2	9	343	47	
5'-0"	32	32	16	2	2	10	367	50	
5'-6"	34	34	17	2	2	11	392	53	
6'-0"	36	36	18	2	2	12	417	56	
6'-6"	38	38	19	2	2	13	442	59	
7'-0"	40	40	20	2	2	14	466	62	
7'-6"	42	42	21	2	2	15	491	65	
8'-0"	44	44	22	2	2	16	515	68	

NOTES

- BASED ON "Z" AS EQUAL TO 6'-0".
- SEE CURRENT STD. DWG. RDB-270 AND RDB-280 FOR LOCATION AND DIMENSIONS.
- LENGTH OF n BAR IS ALWAYS SAME AS "Z" DIMENSION.
- ADD OR SUBTRACT ONE p BAR PER EVEN FOOT VARIANCE FROM 6'-0" Z.
- NO DEDUCTIONS HAVE BEEN MADE FOR PIPE.
- ADD OR SUBTRACT LBS. STEEL PER FT. VARIANCE FROM 6'-0" Z.
- REINFORCEMENT SHALL HAVE A CLEAR DISTANCE OF 2" FROM THE FACE UNLESS OTHERWISE SHOWN.

BOX INLET PIPE CHAMBER (ADDITIONAL STEEL)
DOH STD. DWG#: RDB-420

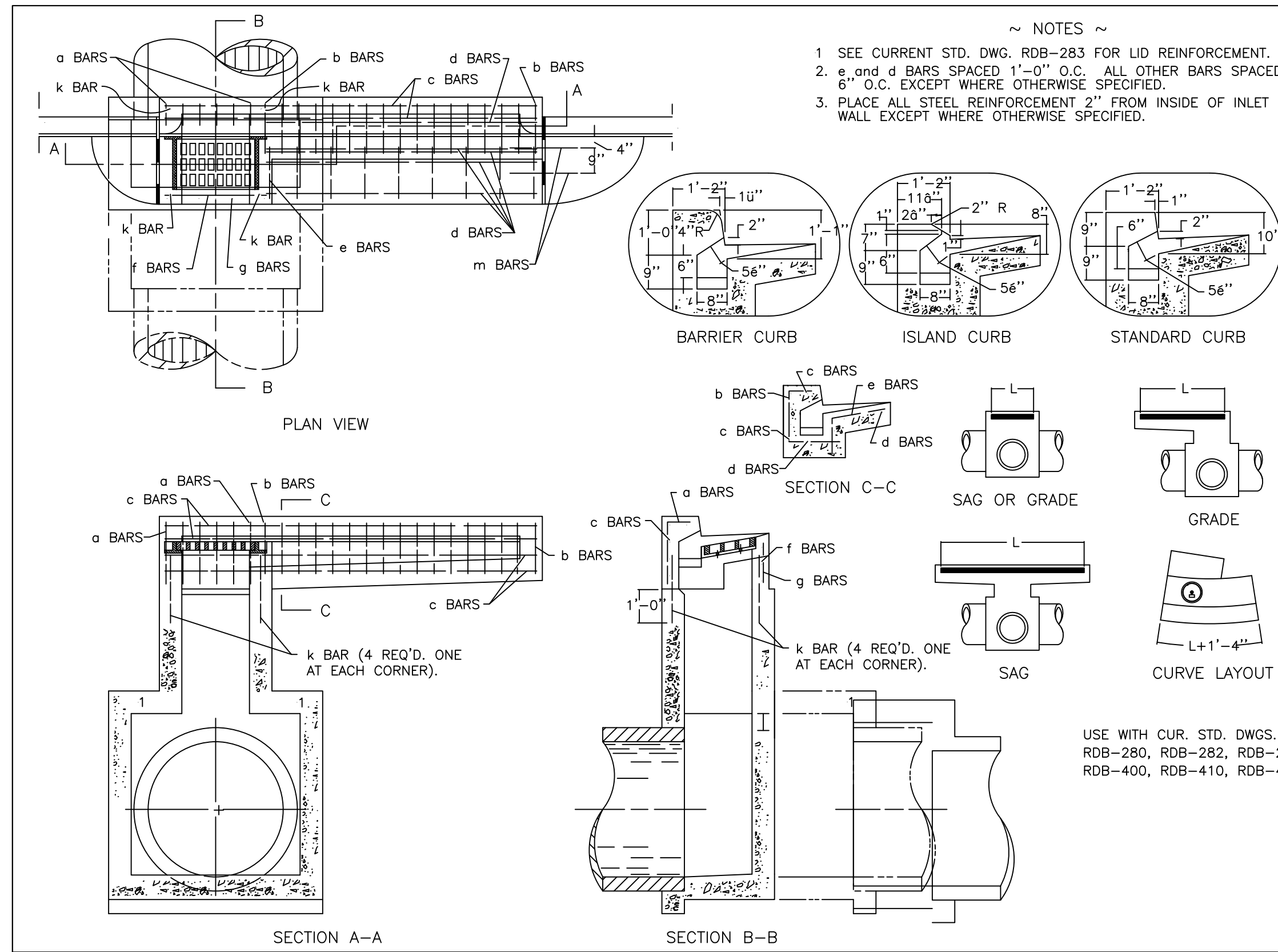
DIMENSIONS AND ESTIMATE OF QUANTITIES (TOP PHASE)

② SIZE NO.	THROAT "L"	CONC.	NO. 5 STEEL BARS												LBS.		
			BAR a	BAR b	BAR c	BAR d	BAR e	BAR f	BAR g	BAR k	BAR l	BAR m					
1	5'-0"	0.8	7	7	6'-0"	3'-0"	1'-6"	4	10	2'-7"	3	3'-0"	7	1'-2"	4	2'-0"	127
2	6'-0"	1.5	17	17	11'-0"	8'-0"	4'-0"	10	10	4'-0"	10	6'-6"	14	4'-0"	10	3'-3"	233
3	7'-0"	2.1	27	27	16'-0"	13'-0"	6'-6"	14	14	6'-6"	14	9'-0"	20	6'-6"	14	4'-0"	333
4	8'-0"	2.8	37	37	21'-0"	18'-0"	9'-0"	20	20	9'-0"	20	12'-0"	26	9'-0"	20	5'-0"	439

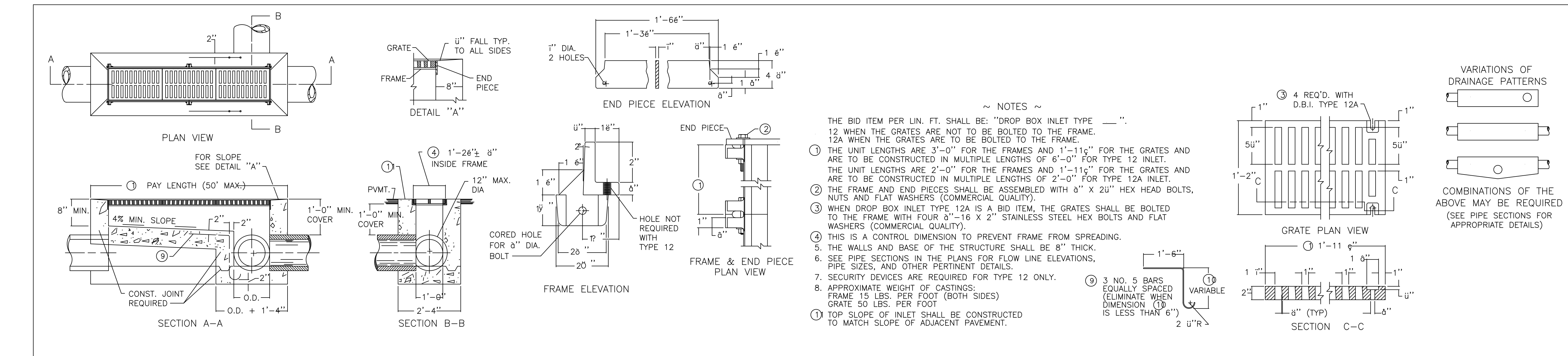
NOTES

- USE k BARS ONLY IN CONJUNCTION WITH THE RISER.
- INLETS ARE SHOWN ON PLANS AS "CURB BOX INLET TYPE B" FOLLOWING THIS ON THE PLANS ARE TWO NUMBERS AND A BOX HEIGHT. USE SECOND NUMBER WITH THIS CHART.
- MANUFACTURER'S DRAFT WILL BE ACCEPTED ON ALL CASTINGS.
- THIS SET OF d BARS ARE TO BE USED ONLY WHEN THE BOX INLET IS BUILT ON GRADE.
- THIS SET OF d BARS ARE TO BE USED ONLY WHEN THE BOX INLET IS BUILT IN A SAG.
- c, d, f, g, k, and m BARS ARE ALL STRAIGHT BARS.
- THE ENGINEER MAY REQUIRE ADDITIONAL REINFORCEMENT, TO ELIMINATE SETTLEMENT OF ADJOINING SIDEWALK WHEN APPLICABLE. THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE CURB BOX.

CURB BOX INLET TYPE B
(TOP PHASE TABLES) DWG#: RDB-282

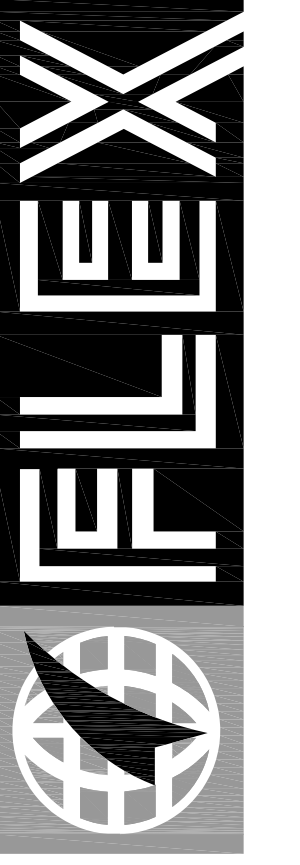


CURB BOX INLET TYPE B (STEEL DRAWING)
DWG#: RDB-281



TRENCH DRAIN INLET TYPE 12 A
DOH STD. DWG#: RDB.012-09

STORM DRAINAGE DETAILS



FLEX FILMS (U.S.A.) INC.
1221 NORTH BLACK BRANCH ROAD
ELIZABETHTOWN, KENTUCKY 42702

PROJECT L-12 BOPET U.S.A.

DATE	REVISION

PROJECT NO. 2064-25	DESIGNED BY G.A.R.
DRAWN BY J.R.M.	CHECKED BY G.A.R.
REVIEWED BY G.A.R.	DATE JUNE 2011
SCALE AS SHOWN	

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DRAWING NO.

UFL-L12
C-110.1