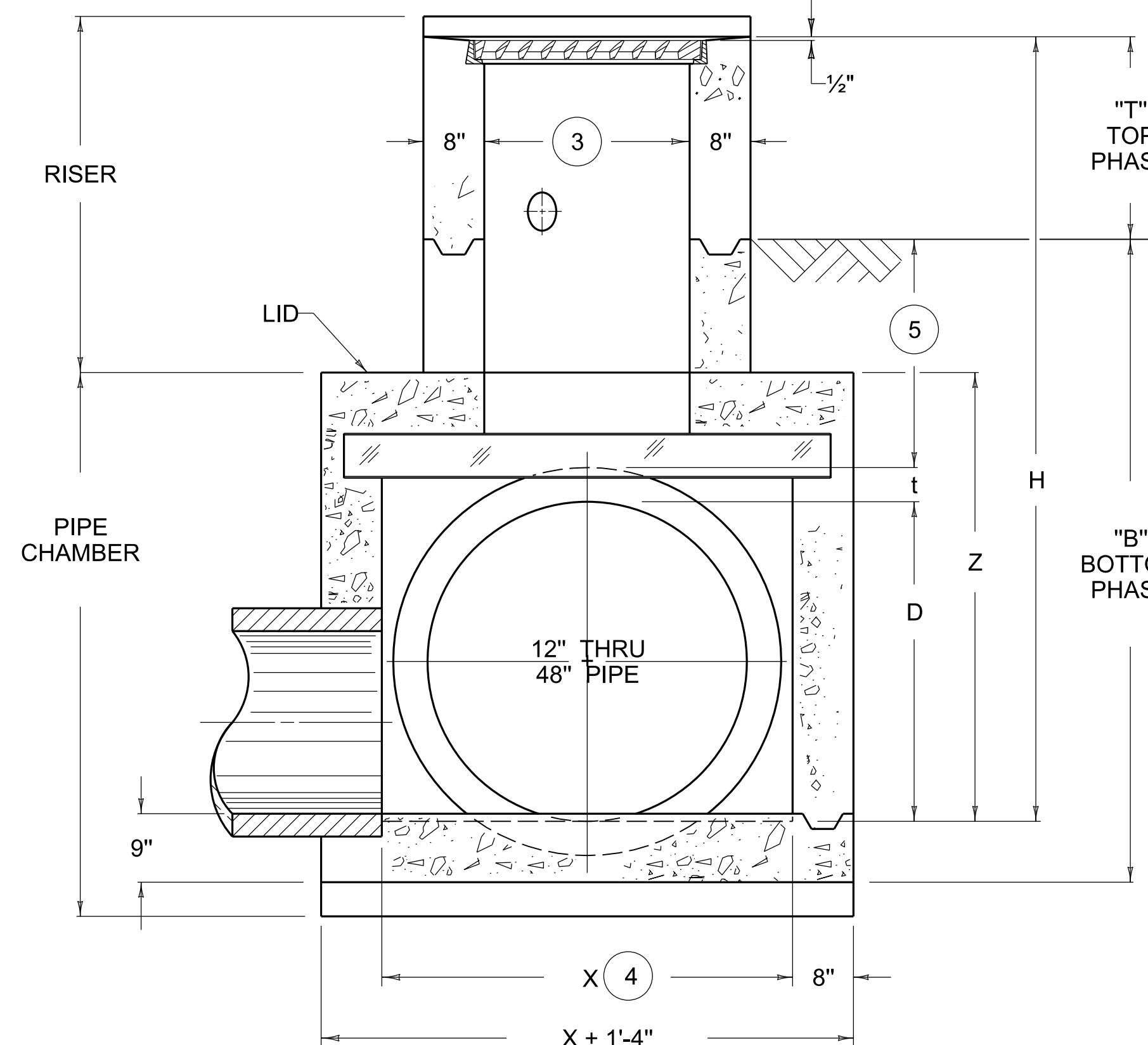
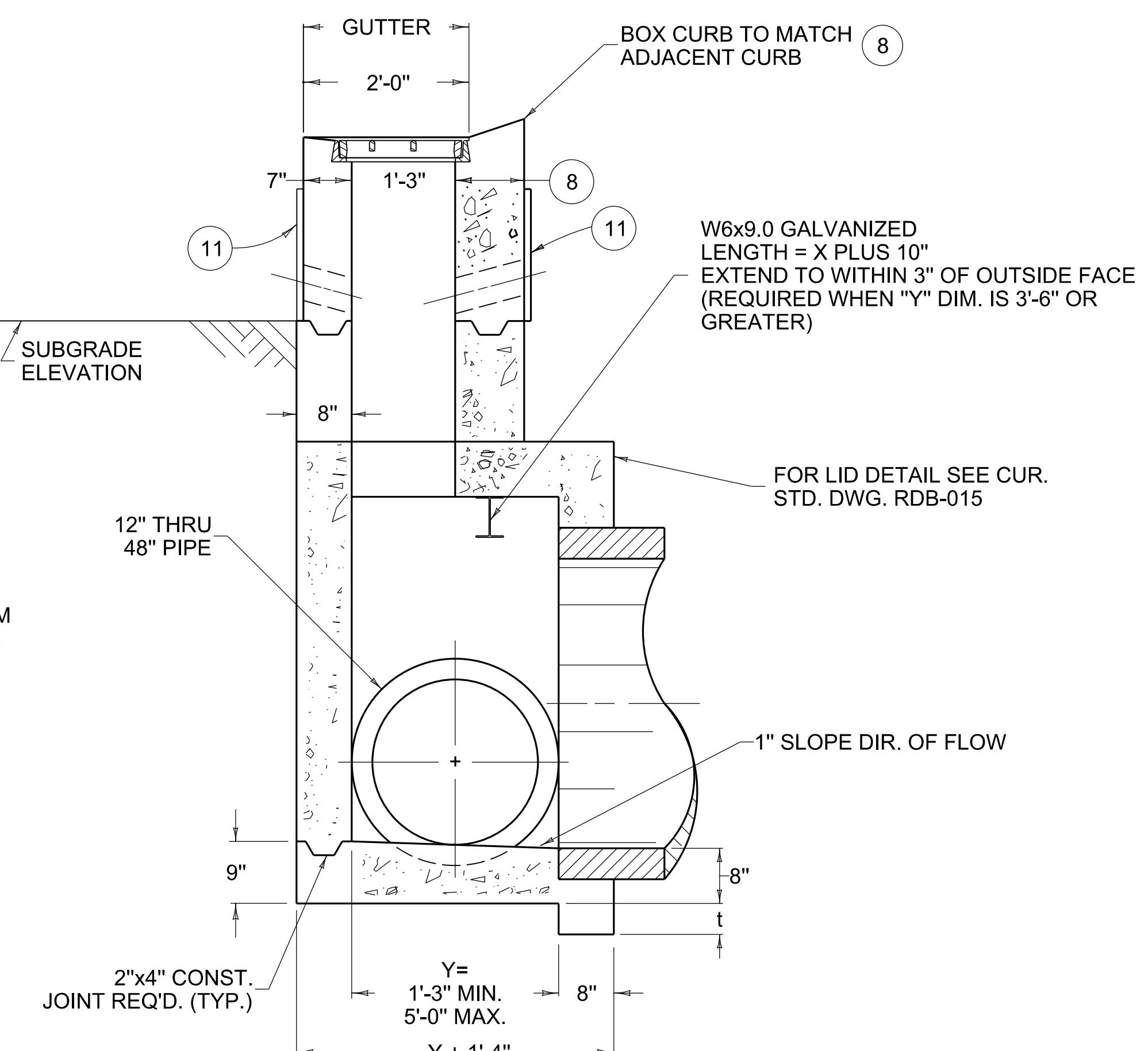


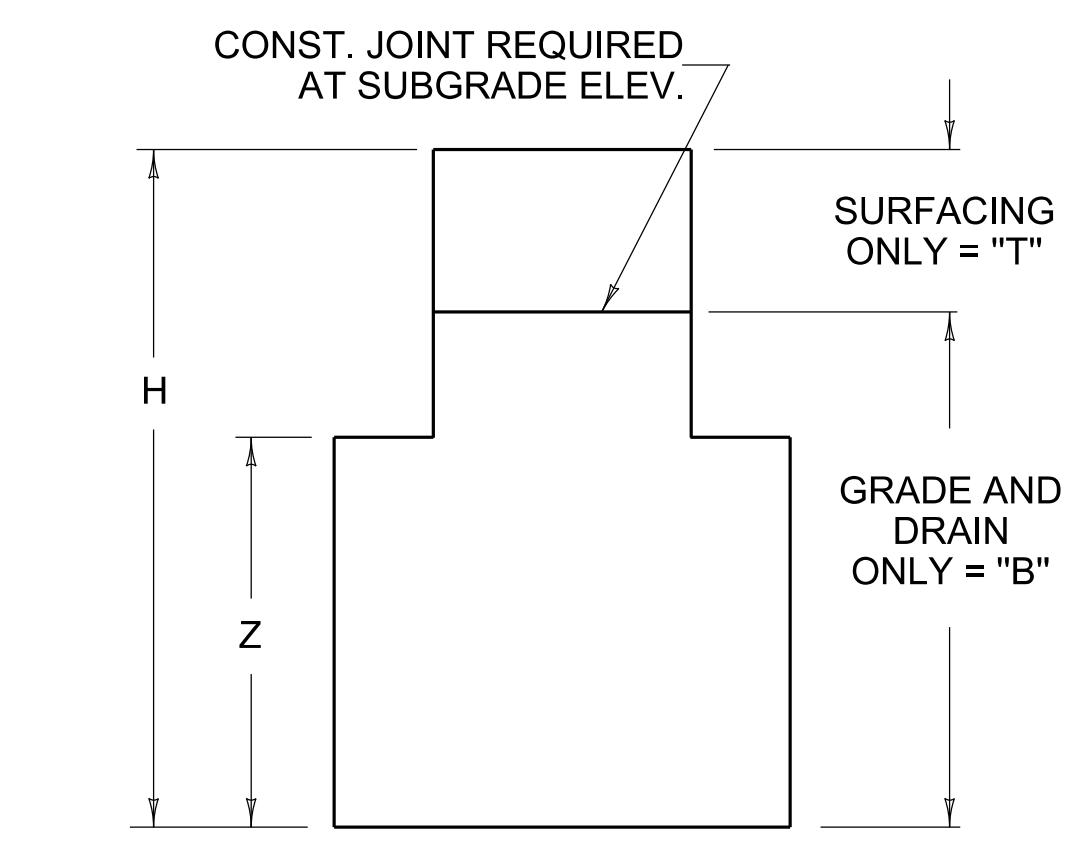
PLAN VIEW



SECTION A-A



SECTION B-B



CONSTRUCTION SEQUENCE FOR GRADE & DRAIN AND/OR SURFACING

RISER	
CU. YD. CONC. PER FT. HT.	
SAG	0.4
GRADE	0.2

~ NOTES ~

BID ITEM AND UNIT TO BID
DROP BOX INLET TYPE 13 (A) (*)
(A) = "S" (SAG CONDITION)
(A) = "G" (GRADE CONDITION)
(*) = "T" (TOP PHASE)
(*) = "B" (BOTTOM PHASE)

EACH

WITH NO "T" OR "B" SUFFIX A COMPLETE INLET
IS REQUIRED.

1. BOX INLET SHALL BE CONSTRUCTED IN TWO PHASES (BOTTOM AND TOP) AND MAY BE CONSTRUCTED IN A SAG VERTICAL CURVE OR ON GRADE.
2. FOR ILLUSTRATION PURPOSES THIS DRAWING DEPICTS A BOX LOCATED ON A GRADE CONDITION. SEE CUR. STD. DWG. RDB-014 FOR DETAILS OF SAG AND GRADE CONDITIONS.
3. DIMENSION VARIES DEPENDING UPON LOCATION OF BOX; GRADE CONDITION = 2'-3", SAG CONDITION = 4'-11".
4. GRADE CONDITION: "X" = 2'-3" MIN. TO 5'-0" MAX., SAG CONDITION: "X" = 4'-11".
5. 2'-0" DESIRED COVER, 1'-0" MINIMUM COVER OVER PIPE AND/OR LID.
6. "t" IS CONCRETE PIPE WALL THICKNESS OR METAL CORRUGATION DEPTH.
7. ALL WALLS AND SLABS ARE 8" THICK UNLESS OTHERWISE SHOWN.
8. THICKNESS = CURB WIDTH + 2" (MINIMUM WIDTH 8" WITHOUT CURB). INLET MAY BE CONSTRUCTED WITH OR WITHOUT A CURB. THE CURB ON THE BOX SHALL BE CONSTRUCTED TO MATCH THE ADJOINING CURB WITH THE SAME CONSTRUCTION AND MATERIAL DETAILS (SEE CUR. STD. DWG. RPM-100). THIS DRAWING DEPICTS A LIP CURB APPLICATION.
9. THE TOP PHASE SHALL BE CAST AFTER THE ADJOINING CURB AND GUTTER HAVE BEEN CAST.
10. SEE CUR. STD. DWG. RDB-014, RDB-015, RDB-016, RDB-018 AND RDB-019 FOR FRAME AND GRATE DETAIL, STEEL PATTERN, DIMENSIONS AND QUANTITIES.
11. FABRIC WRAPPED BACKFILL DRAIN, (ONE PER WEEP HOLE).
12. THIS GRATE IS BICYCLE FRIENDLY.

DRAINAGE

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

INLETS

SUBMITTED *William J. Galick* 12-01-2015
DIVISION DIRECTOR
John 12-01-2015
APPROVED
STATE HIGHWAY ENGINEER