USE WITH CUR. STD. DWGS.

RDB-014 RDB-031 RDB-032 RDB-033 RDB-034 RDB-035

RDI-200

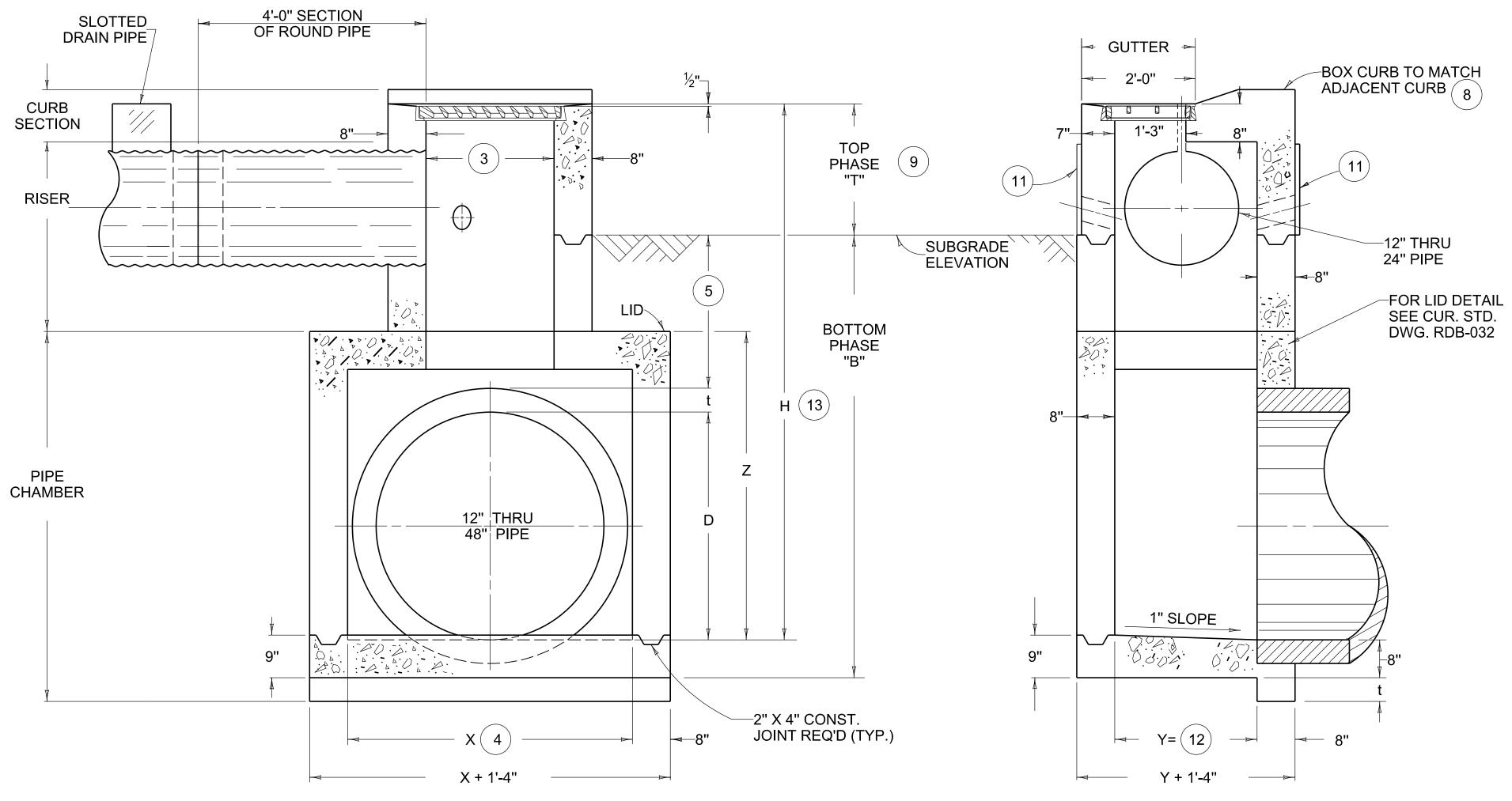


EACH

BID ITEM AND UNIT TO BID DROP BOX INLET TYPE 16 (  $\Delta$  )( $\star$ )  $(\Delta) = "S" (SAG CONDITION)$  $(\Delta) = "G" (GRADE CONDITION)$ (\*\*) = "T" (TOP PHASE) (\*) = "B" (BOTTOM PHASE)

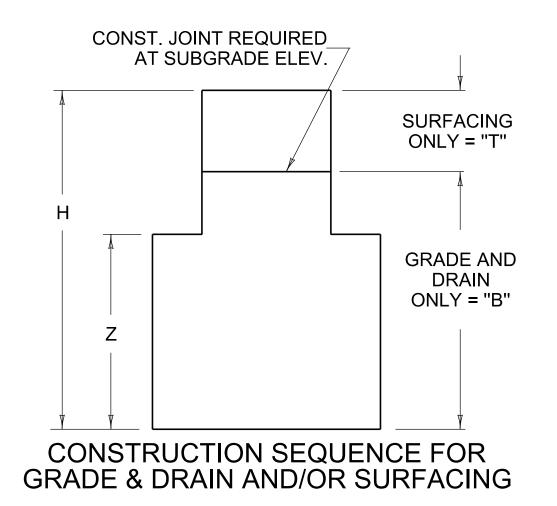
WITH NO "T" OR "B" SUFFIX A COMPLETE INLET IS REQUIRED.

- 1. BOX INLET MAY 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 OR 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" MIN. COVER OVER PIPE AND/OR LID.
- 6. "†" IS CONCRETE PIPE WALL THICKNESS OR METAL CORRUGATION DEPTH.
- 7. ALL WALLS AND SLABS ARE 8" THICK UNLESS OTHERWISE SHOWN.
- (8) 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.T STD. DWG. RDB-014 FOR FRAME AND GRATE DETAIL. SEE CUR. STD. DWG. RDB-031 FOR STEEL PATTERN. SEE CUR. STD. DWG. RDB-033 FOR DIMENSIONS AND QUANTITIES.
- (11) FABRIC WRAPPED BACKFILL DRAIN, (ONE PER WEEP HOLE) .
- (12) 2'-0" FOR 12", 15", AND 18" OR 2'-6" FOR 24" SLOTTED DRAIN PIPE.
- (13) MINIMUM HEIGHT FOR LONGITUDINAL PIPE SHALL BE H = 11" + INSIDE DIAMETER OF PIPE.
- 14. THIS GRATE IS BICYCLE FRIENDLY.



CURB LINE-

GUTTER LINE-



RISER		
RISER		
CU. YDS. CONC. PER FT. HT.		
SAG	Y = 2'-0"	0.4
GRADE	Y = 2'-0"	0.3
SAG	Y = 2'-6"	0.4
GRADE	Y = 2'-6"	0.3

SECTION A-A SECTION B-B

DROP BOX INLET TYPE 16 (DETAIL SHEET)

STANDARD DRAWING NUMBER RDB-030-04

COMMONWEALTH OF KENTUCKY

DEPARTMENT OF HIGHWAYS

(11)

FLOW — >

1/2" PREMOLDED EXPANSION

ELIMINATE ON FRONT SIDÉ

WITH FLEXIBLE PAVEMENT

JOINT MATERIAL (TYP.).

В——

**PLAN VIEW** 

INLETS