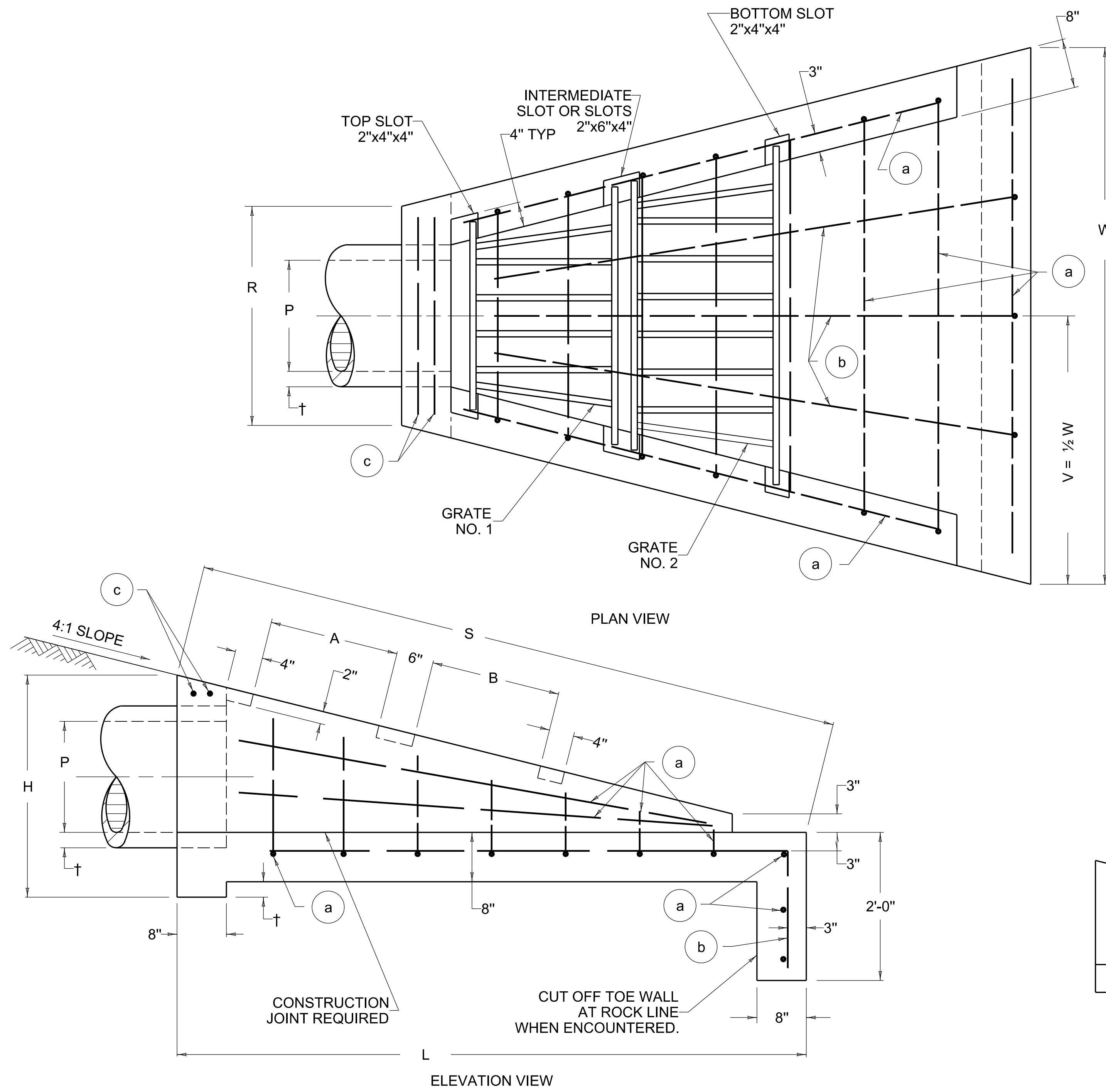
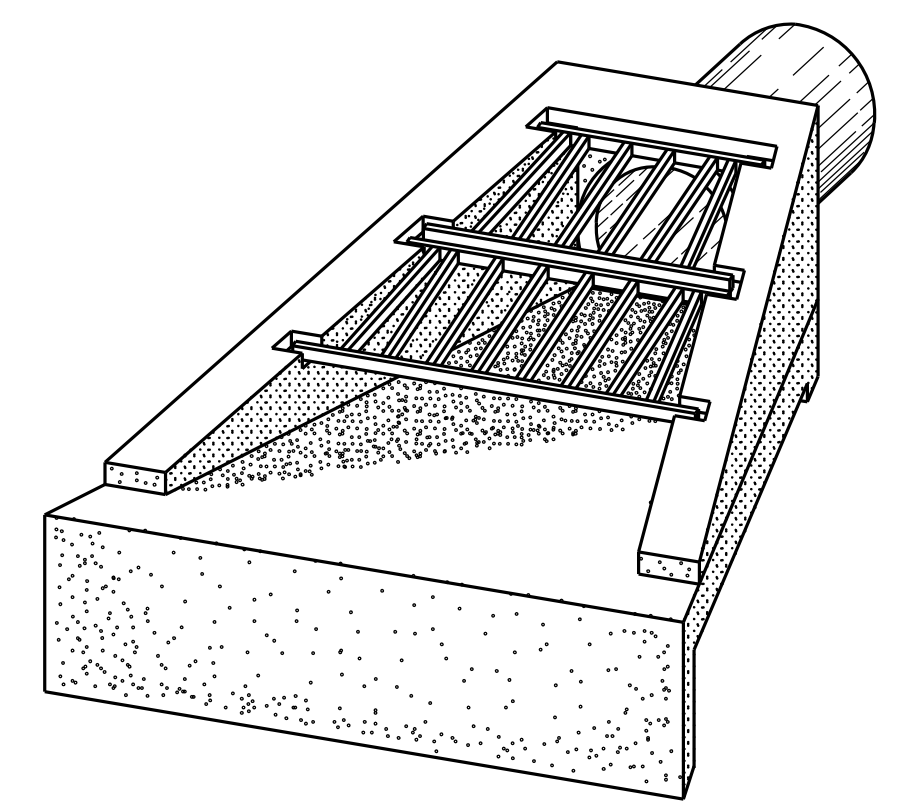
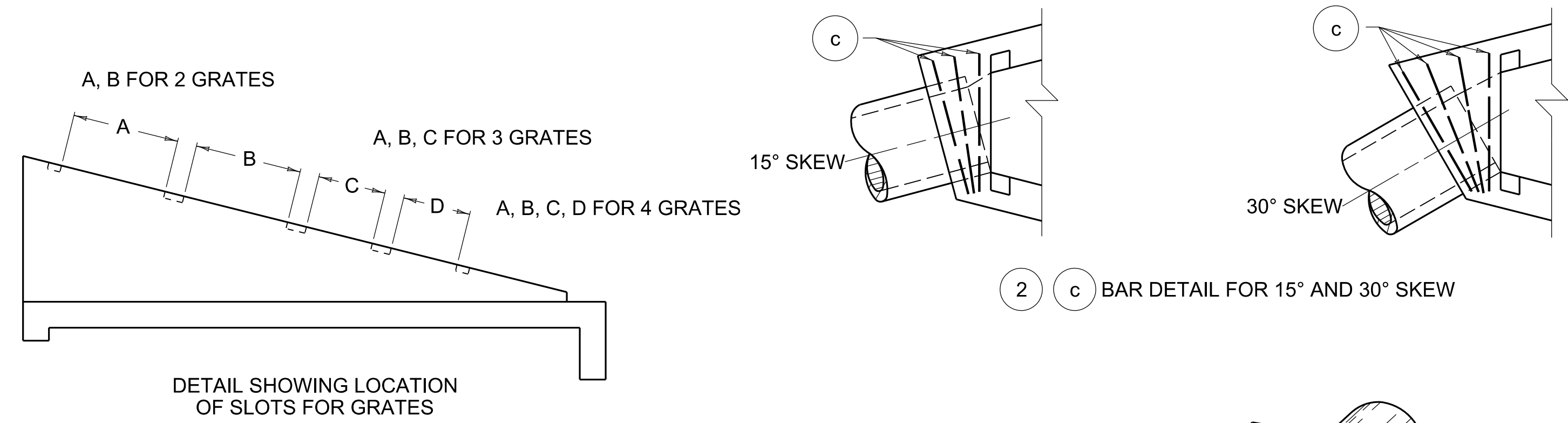
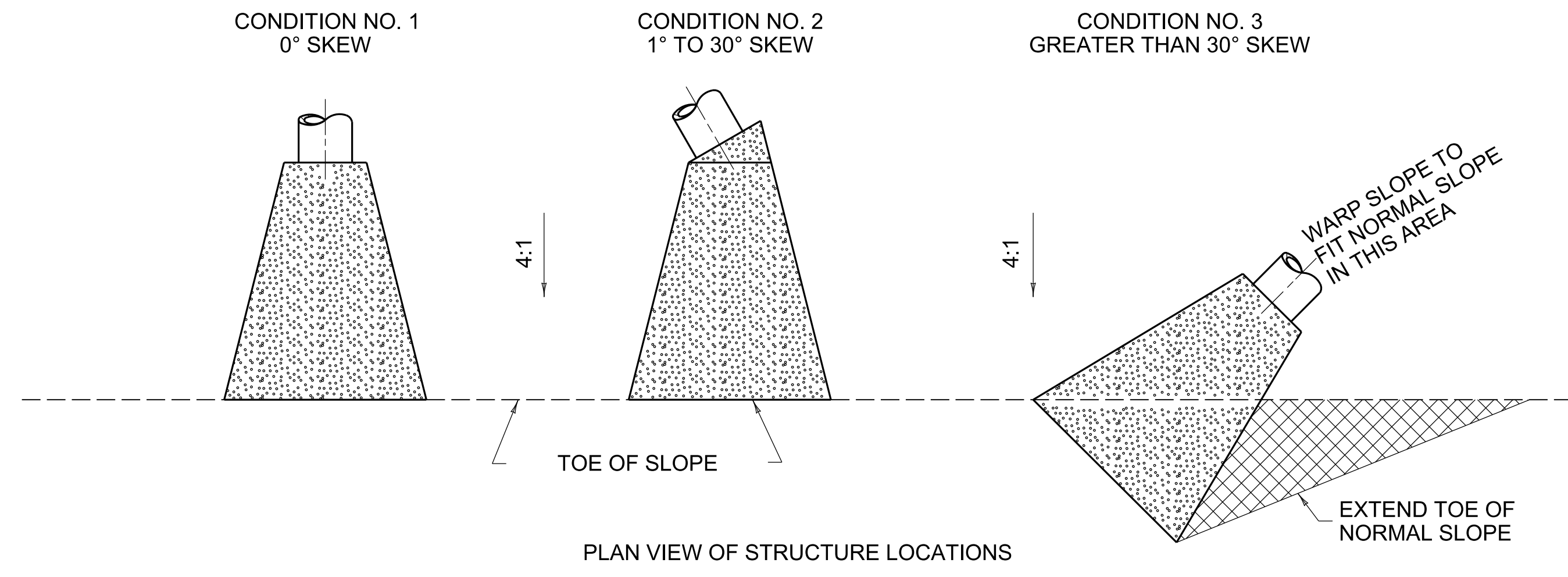




- ~ NOTES ~
1. THE MINIMUM REQUIREMENT FOR REINFORCING STEEL SHALL BE GRADE 40. FIELD BENDING WILL BE PERMITTED.
 2. ONE ADDITIONAL @ BAR WILL BE REQUIRED FOR EACH 15° SKEW.
 3. "t" IS THE CONCRETE PIPE WALL THICKNESS OR METAL PIPE CORRUGATION DEPTH.
- BID ITEM AND UNIT TO BID
S & F BOX INLET-OUTLET - ★ IN (SIZE OF PIPE) EACH
USE WITH CUR. STD. DWG.
RDB-106



DIMENSIONS										
P	H	L	S	R	V	W	A	B	C	D
18"	3'-0"	8'-6"	8'-9 1/8"	2'-11 1/2"	3'-7 1/2"	7'-3"	1'-9"	1'-9"	----	----
24"	3'-7"	10'-8"	11'-0"	3'-6 1/2"	4'-5 1/2"	8'-11"	2'-9"	2'-9"	----	----
30"	4'-2"	12'-10"	13'-2 3/4"	4'-1 1/2"	5'-3 1/2"	10'-7"	2'-9"	2'-9"	1'-9"	----
36"	4'-9"	15'-0"	15'-5 1/2"	4'-8 1/2"	6'-1 1/2"	12'-3"	2'-9"	2'-9"	1'-9"	1'-9"

NO. OF GRATES REQ'D.		NO. 4 REINFORCEMENT BARS				CLASS A CONC.
		NUMBER - LENGTH AND WEIGHT				
2'	3'	a	b	3 c	LBS.	CU.YDS.
2	--	14 @ 6'-5"	3 @ 8'-6"	2 @ 2'-8"	81	1.8
--	2	16 @ 8'-0"	3 @ 10'-6"	2 @ 3'-3"	111	2.7
1	2		3 @ 12'-9"	2 @ 3'-10"	146	3.8
2	2	20 @ 11'-4"	3 @ 15'-0"	2 @ 4'-5"	187	5.1



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

OUTLETS

SLOPED AND FLARED BOX INLET-OUTLET 18"-24"-30"-36" ALL SKEWS

STANDARD DRAWING NUMBER
RDB-105-06

DRAINAGE

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

SUBMITTED 12-01-2015 DATE
DIVISION DIRECTOR
APPROVED 12-01-2015 DATE
STATE HIGHWAY ENGINEER