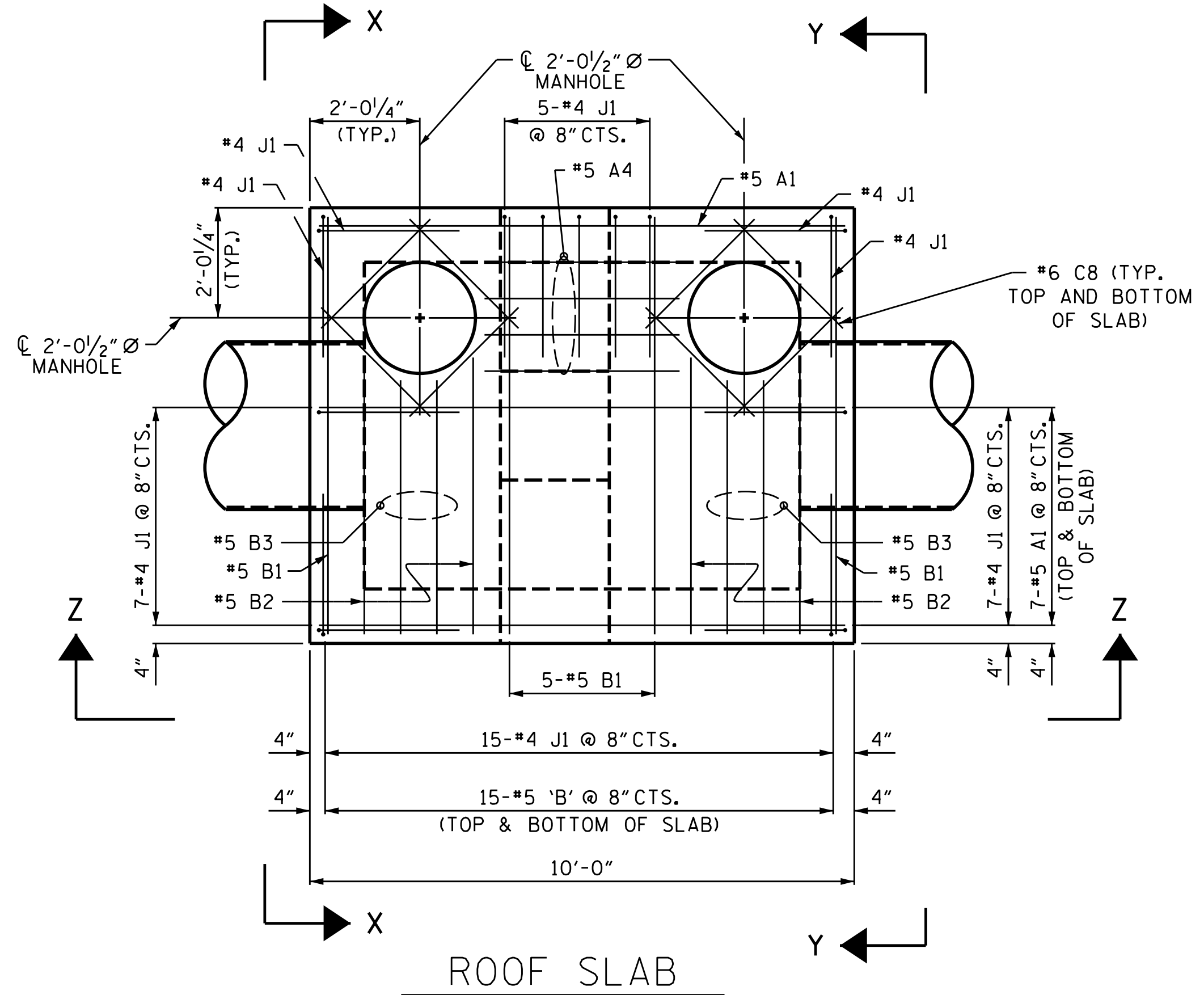
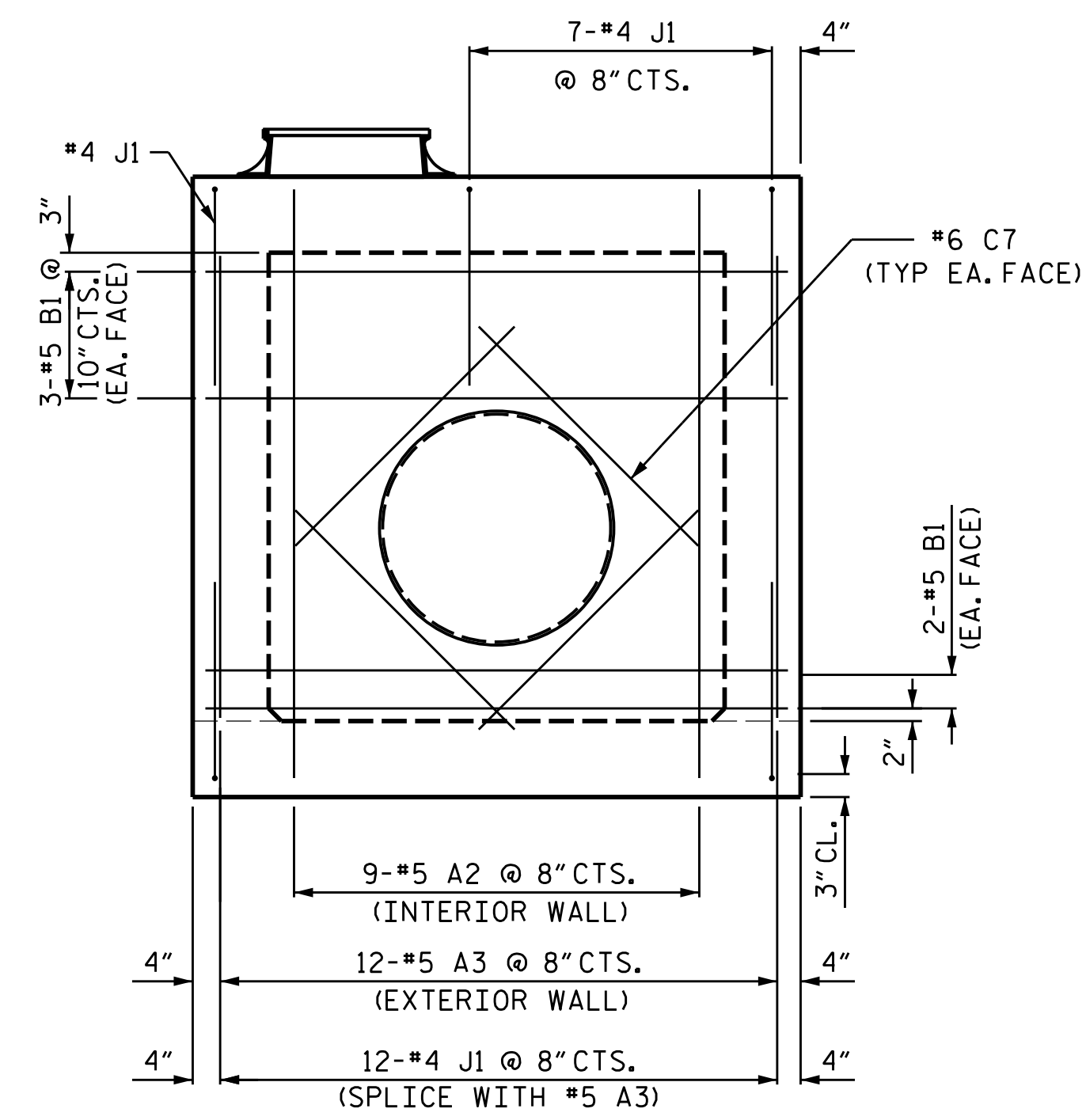


VIEW Z-Z

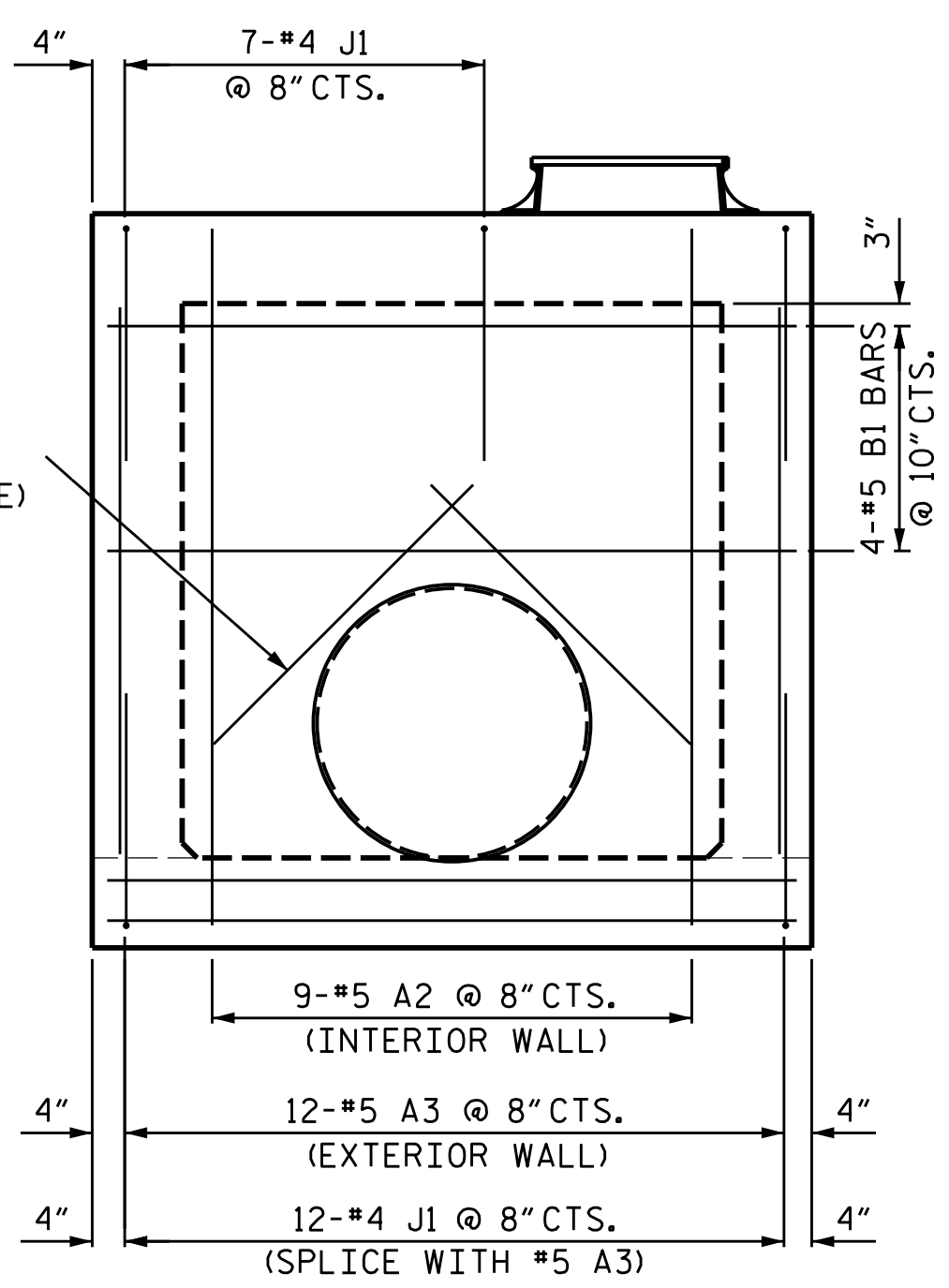


ROOF SLAB



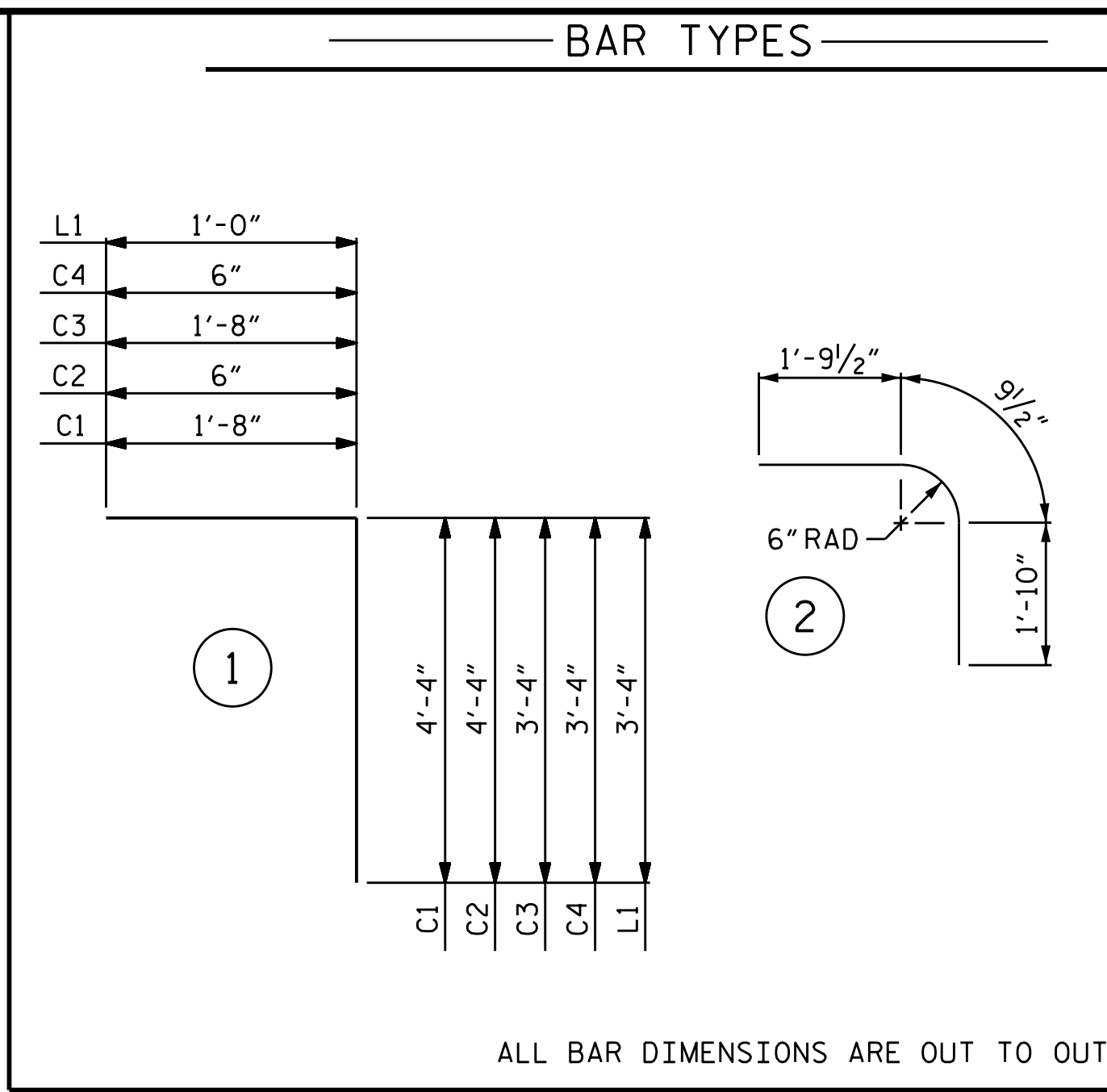
VIEW X-X

\*5 A BARS SHALL BE FIELD CUT AS NECESSARY FOR INSTALLATION OF THE PIPE



VIEW Y-Y

\*5 A BARS SHALL BE FIELD CUT AS NECESSARY FOR INSTALLATION OF THE PIPE



ALL BAR DIMENSIONS ARE OUT TO OUT.

PROJECT REFERENCE NO.		SHEET NO.			
15614J075010		2D-3			
BILL OF MATERIAL					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
A1	72	#5	STR	9'-8"	726
A2	44	#5	STR	7'-9"	356
A3	54	#5	STR	6'-1"	343
A4	8	#5	STR	3'-6"	29
B1	62	#5	STR	7'-8"	496
B2	8	#5	STR	5'-1"	42
B3	8	#5	STR	4'-6"	38
C1	4	#5	1	6'-0"	25
C2	4	#5	1	4'-10"	20
C3	8	#5	1	5'-0"	42
C4	8	#5	1	3'-10"	32
C5	7	#5	STR	5'-8"	41
C7	12	#6	STR	4'-11"	89
C8	16	#6	STR	2'-10"	68
J1	84	#4	2	4'-5"	248
L1	20	#5	1	4'-4"	90
REINFORCING STEEL				2685 LBS.	
CLASS B CONCRETE				14.6 C.Y.	

NOTES

- DIMENSIONS MAY BE FIELD ADJUSTED AS DIRECTED BY THE ENGINEER.
- CHAMFER ALL EXPOSED CORNERS 1".
- CORRUGATED STEEL PIPES SHALL BE LOCATED BY THE ENGINEER.
- FOR MANHOLE FRAME AND VENTED MANHOLE GRATE, SEE SPECIAL PROVISIONS.

DRAWN BY : STM DATE : 02/21  
 CHECKED BY : MGC DATE : 03/21

4/13/2021  
 X:\NCDOT\I-26 Howard Gap Rd Rehab\Structures\Energy Dissipator\I-26.SMU. ED.dgn  
 Users\smasinnopie

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS  
 706 HILLSBOROUGH STREET  
 SUITE 200  
 RALEIGH, NC 27603  
 PH (919) 773-8887  
 CORP. LICENSE NO.: C-0275

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

ENERGY DISSIPATOR  
 JUNCTION BOX