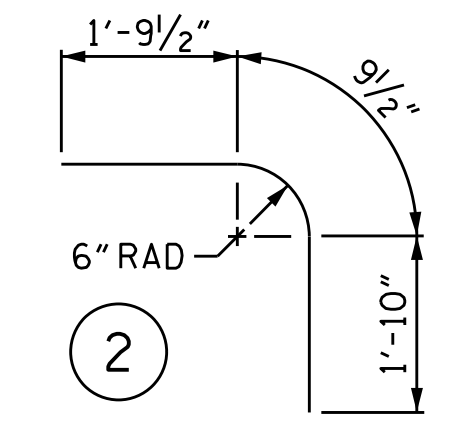


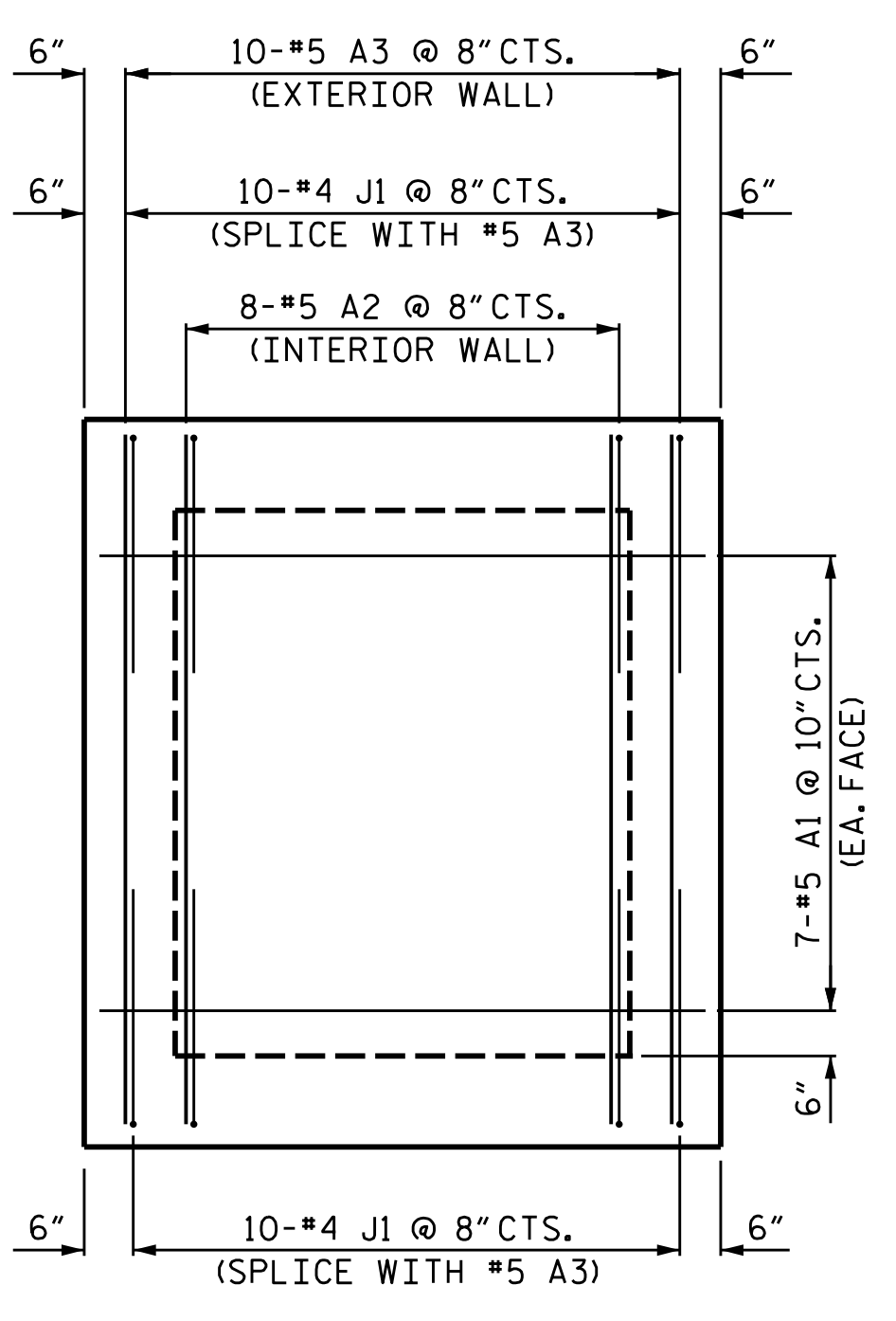
BAR TYPES



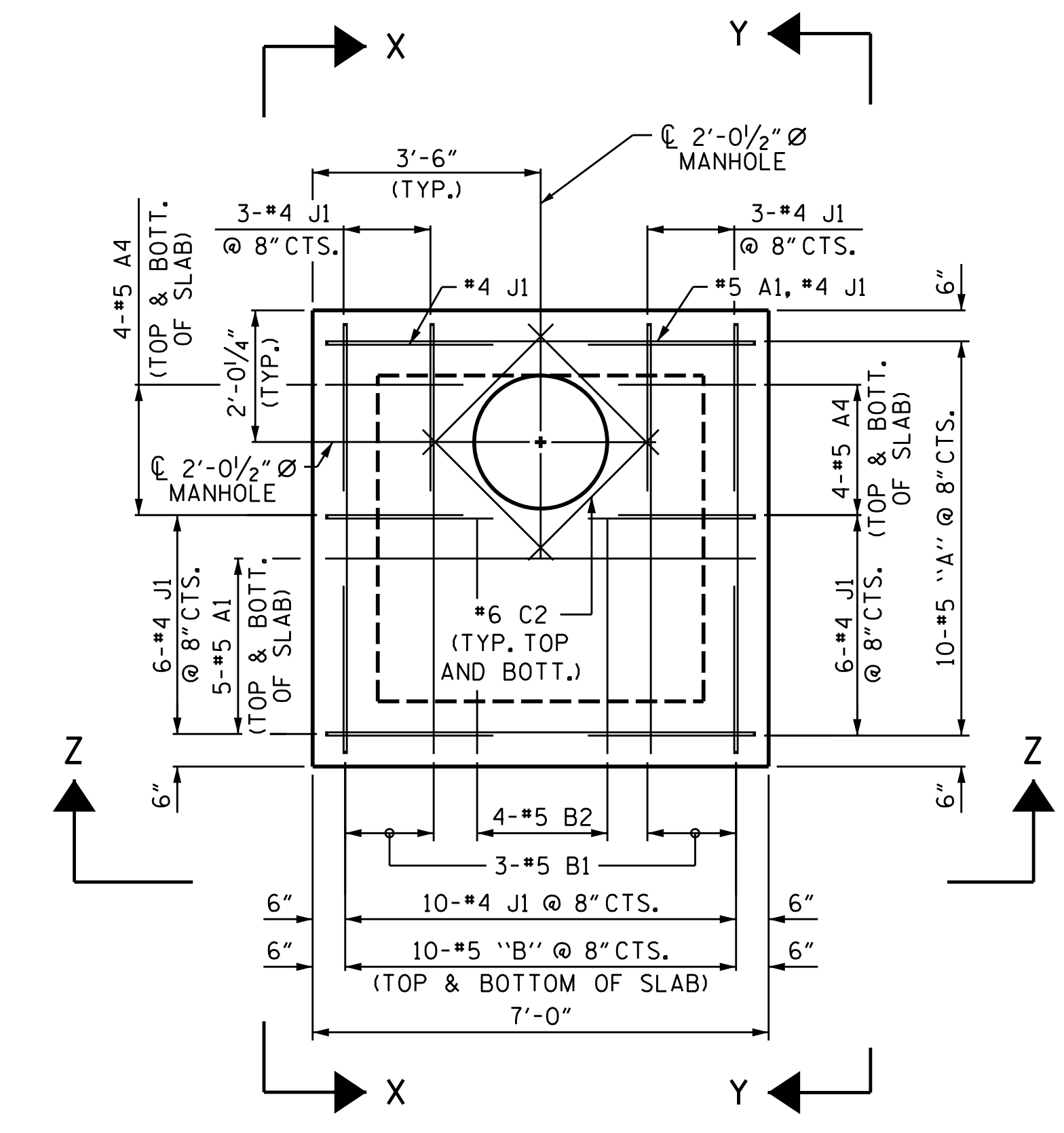
ALL BAR DIMENSIONS ARE OUT TO OUT.

PROJECT REFERENCE NO.	SHEET NO.
15614J075010	2D-10

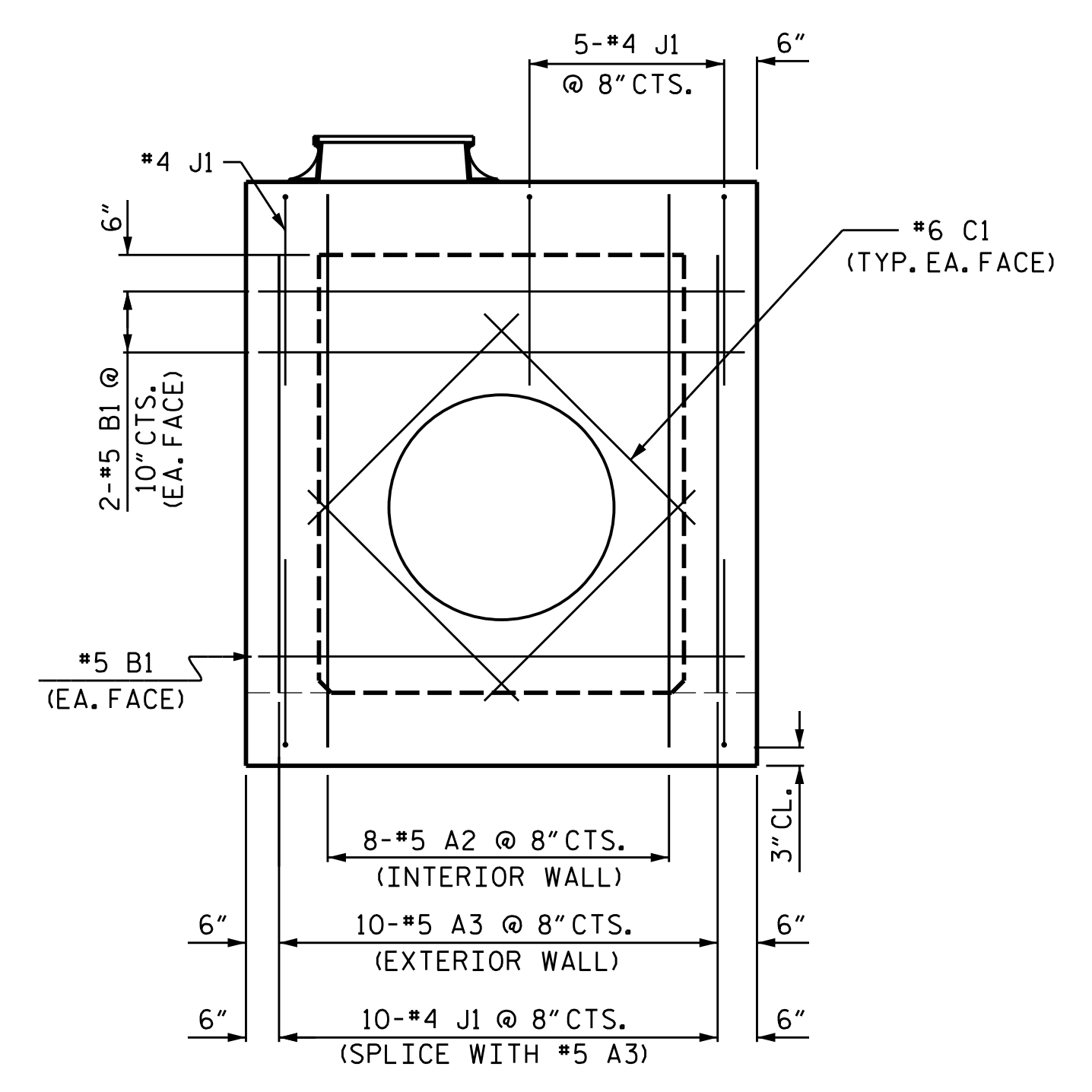
BILL OF MATERIAL					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
A1	60	#5	STR	6'-6"	407
A2	32	#5	STR	7'-7"	253
A3	40	#5	STR	6'-0"	250
A4	16	#5	STR	2'-2"	36
B1	44	#5	STR	6'-6"	298
B2	8	#5	STR	2'-2"	18
C1	12	#6	STR	4'-11"	89
C2	8	#6	STR	2'-10"	34
J1	58	#4	2	4'-5"	171
REINFORCING STEEL				1556 LBS.	
CLASS B CONCRETE				9.0 C.Y.	



VIEW Z-Z

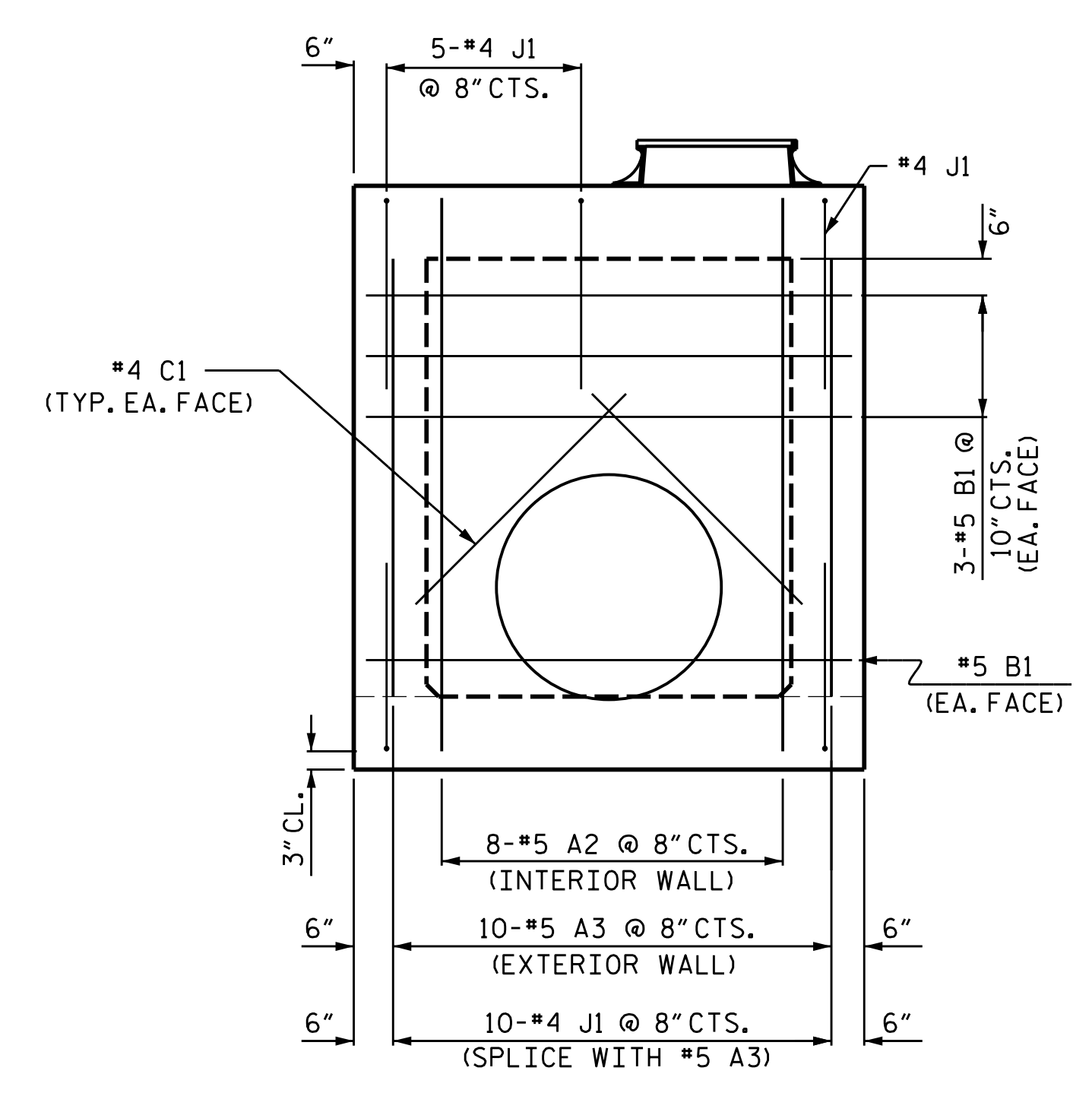


ROOF SLAB



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

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.
- STRUCTURE 0539 HAS AN ADDITIONAL INLET PIPE. REINFORCING STEEL IN WALL AT LOCATION OF PIPE SHALL BE FIELD CUT AS NECESSARY FOR THE INSTALLATION OF THE PIPE. PROVIDE ADDITIONAL #4 C1 BARS AROUND PIPE.

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

SPECIAL DESIGN
JUNCTION BOX

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