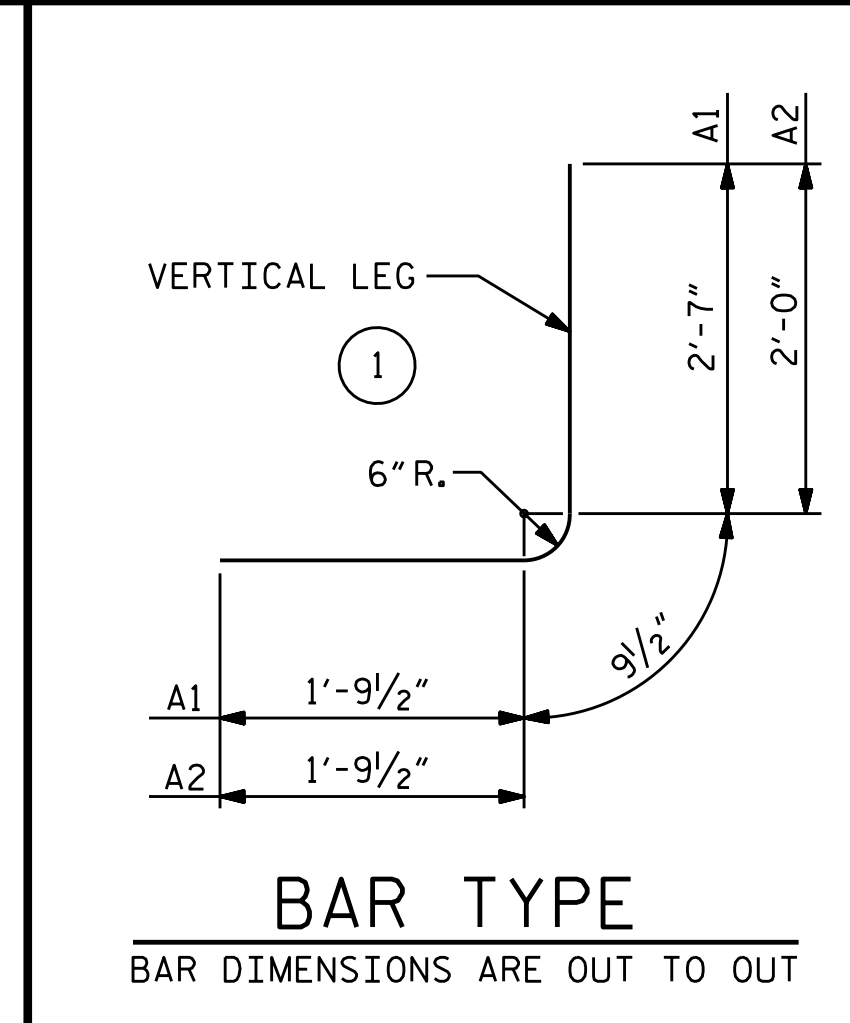
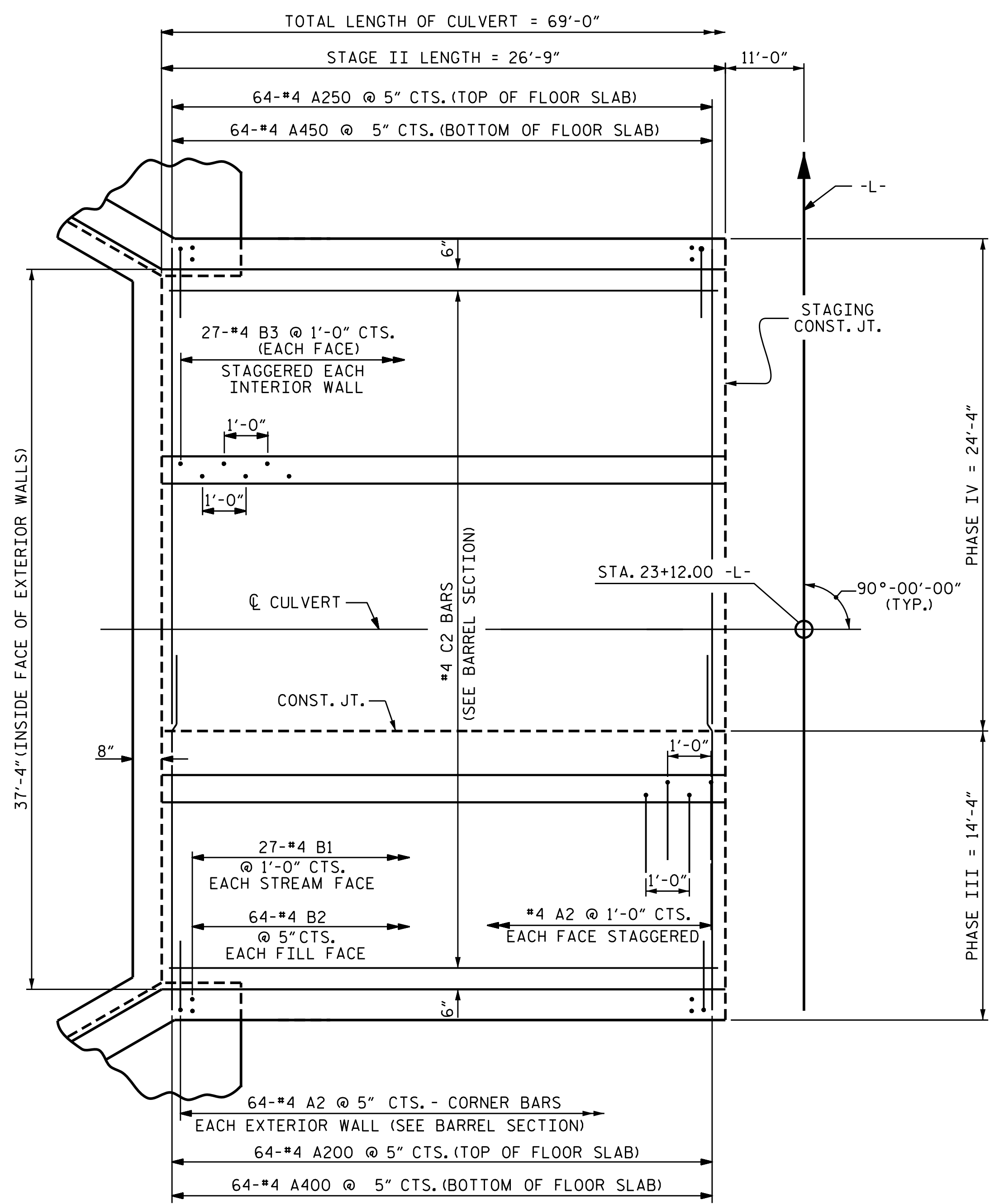


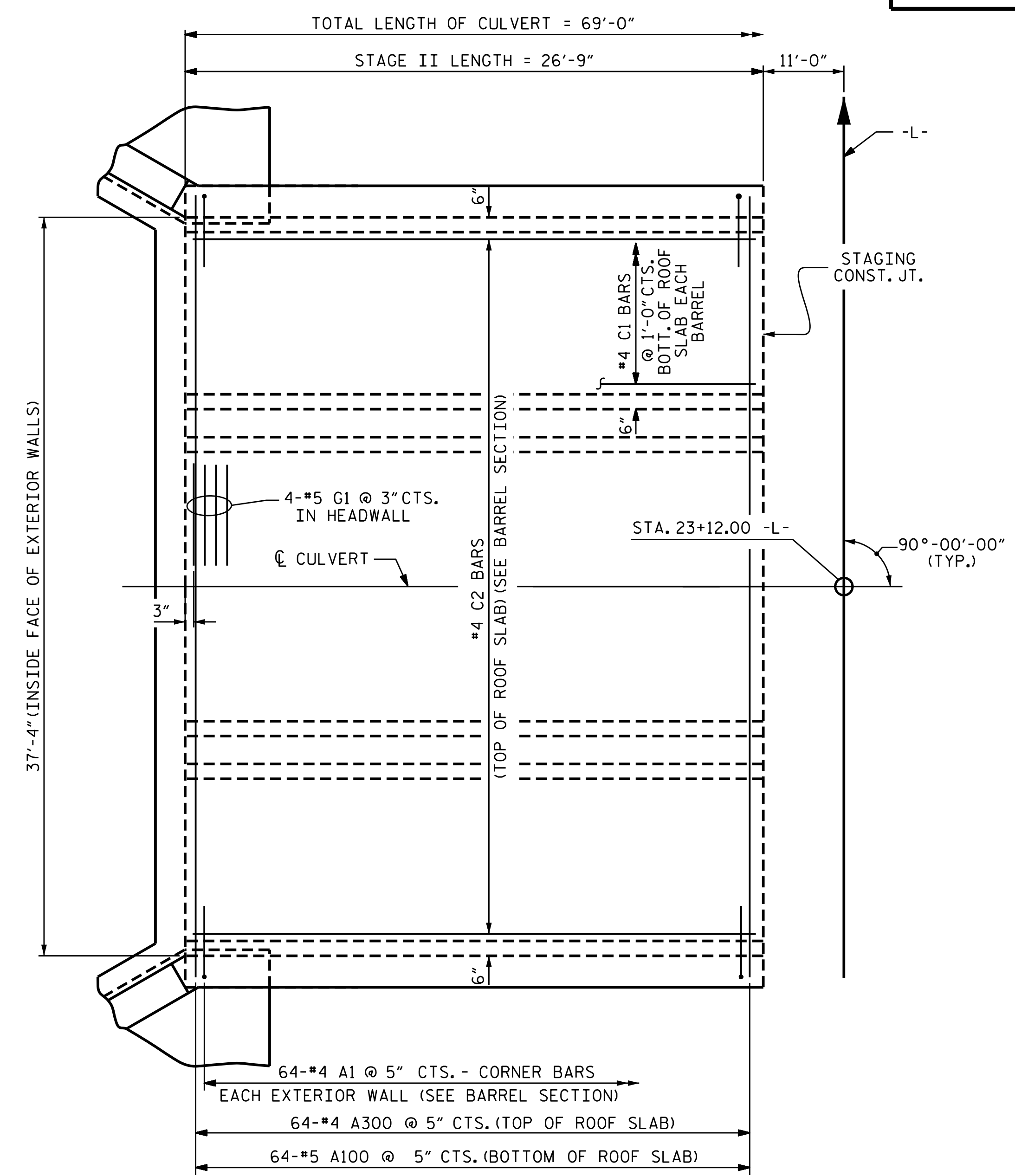
STAGE II	
PHASE III	PHASE IV
CLASS A CONCRETE	CLASS A CONCRETE
BARREL @ 0.931 CY/FT 24.9 C.Y.	BARREL @ 2.775 CY/FT 74.2 C.Y.
WING, ETC. 10.9 C.Y.	WING, ETC. 13.3 C.Y.
SILLS 0.9 C.Y.	SILLS 0.9 C.Y.
TOTAL 36.7 C.Y.	TOTAL 88.4 C.Y.
REINFORCING STEEL	REINFORCING STEEL
BARREL 3,534 LBS.	BARREL 9,484 LBS.
WING, ETC. 647 LBS.	WING, ETC. 647 LBS.
SILLS 15 LBS.	SILLS 18 LBS.
TOTAL 4,196 LBS.	TOTAL 10,149 LBS.



BILL OF MATERIAL					
STAGE II PHASE III					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	64	#4	1	5'-2"	221
A2	117	#4	1	4'-7"	358
A200	64	#4	STR.	16'-2"	691
A400	64	#4	STR.	16'-2"	691
B1	27	#4	STR.	10'-5"	188
B2	64	#4	STR.	8'-4"	356
B3	54	#4	STR.	10'-5"	376
C2	37	#4	STR.	26'-5"	653
REINFORCING STEEL = 3,534 LBS					
STAGE II PHASE IV					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	64	#4	1	5'-2"	221
A2	64	#4	1	4'-7"	196
A100	64	#5	STR.	38'-3"	2553
A250	64	#4	STR.	24'-0"	1026
A300	64	#4	STR.	38'-3"	1635
A450	64	#4	STR.	24'-0"	1026
B1	27	#4	STR.	10'-5"	188
B2	64	#4	STR.	8'-4"	356
B3	54	#4	STR.	10'-5"	376
C2	99	#4	STR.	26'-5"	1747
G1	4	#5	STR.	38'-4"	160
REINFORCING STEEL = 9,484 LBS					

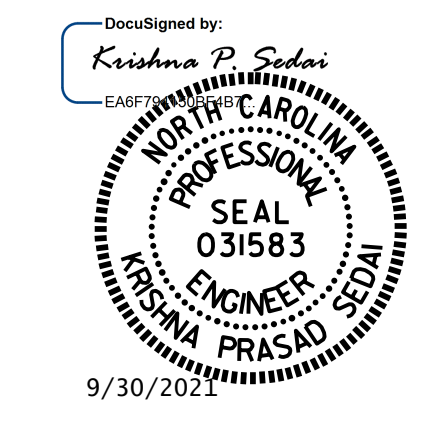


PLAN OF FLOOR SLAB
STAGE II



PLAN OF ROOF SLAB
STAGE II

PROJECT NO. BR-0035
MOORE COUNTY
STATION: 23+12.00 -L-
SHEET 5 OF 8



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
TRIPLE 12 FT. X 9 FT.
CONCRETE BOX CULVERT
STAGE II
90° SKEW

DRAWN BY: A. SORSENGINH DATE: 8/2021
CHECKED BY: M. G. SHAIKH DATE: 8/2021
DESIGN ENGINEER OF RECORD: A. YASMEEN DATE: 8/2021

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-5
1			3			TOTAL SHEETS
2			4			8