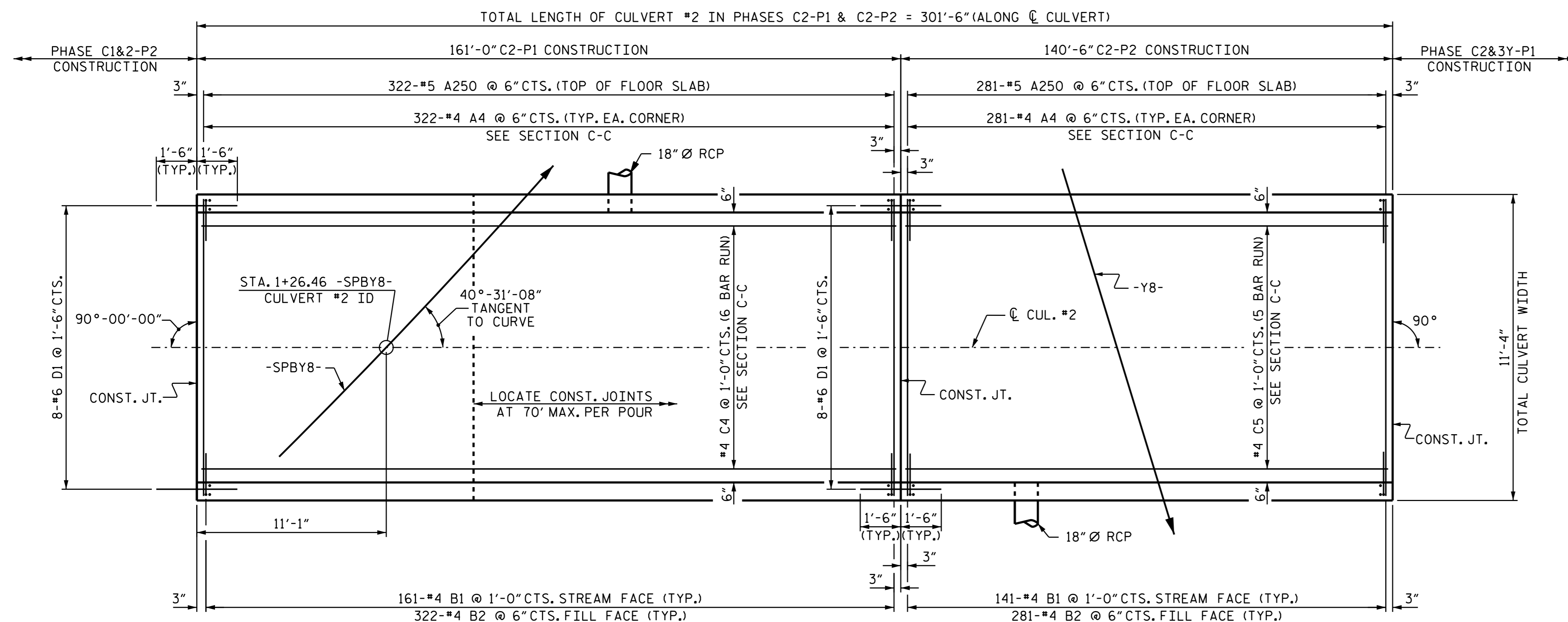


PLAN OF ROOF SLAB

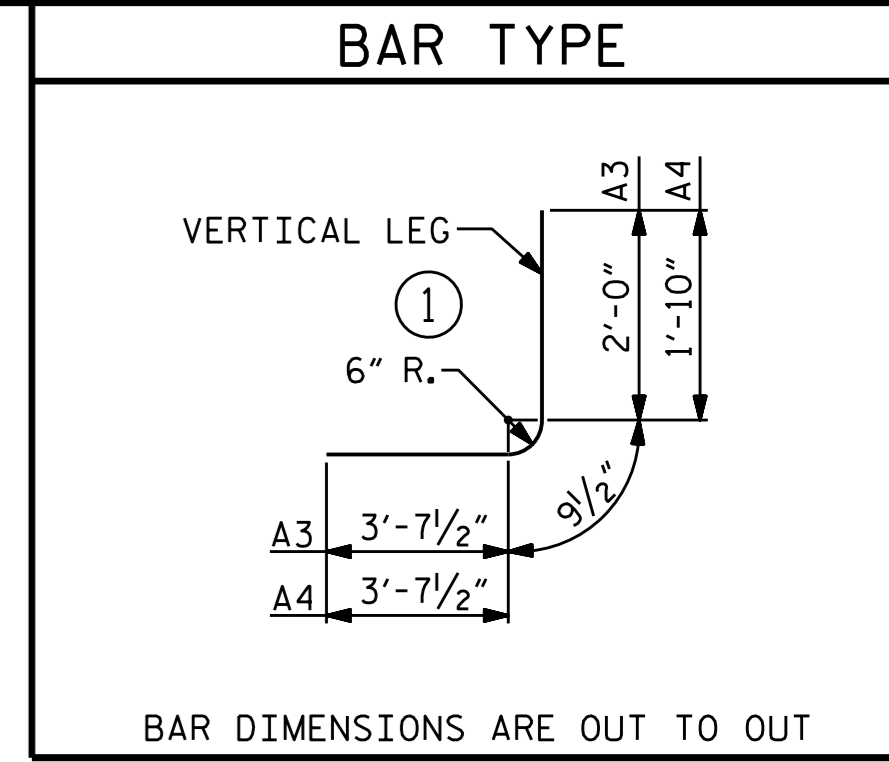
FOR BARREL SECTION DETAILS, SEE SECTION C-C ON SHEET C-8



PLAN OF FLOOR SLAB

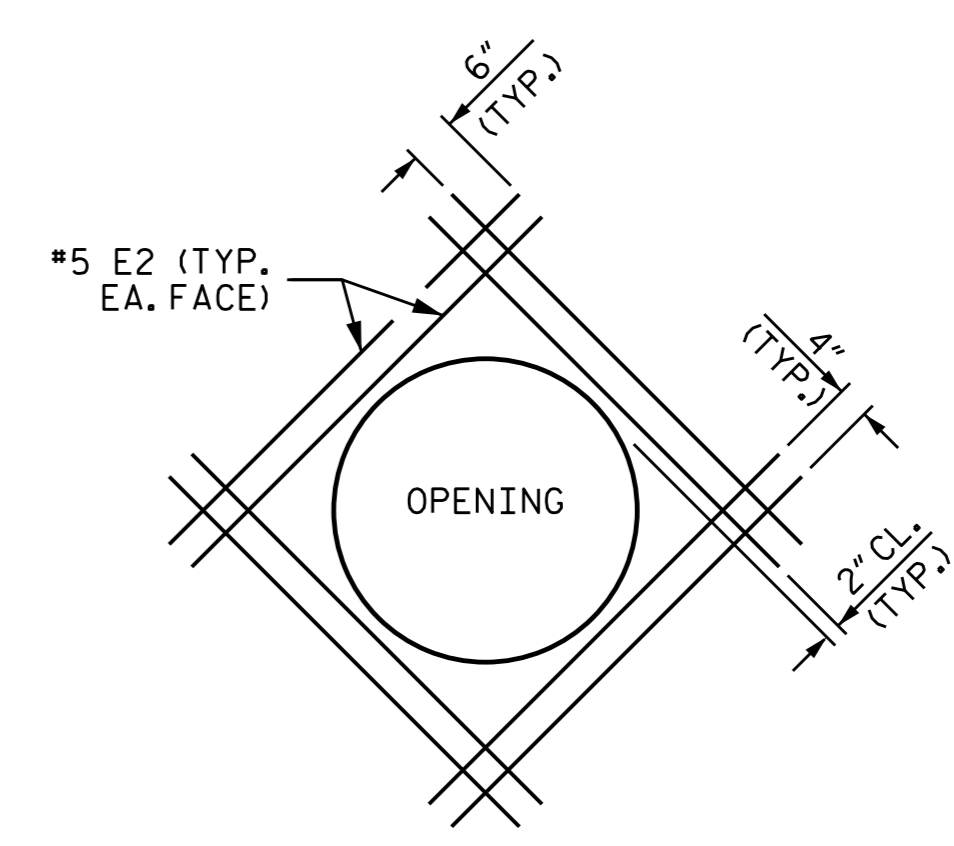
FOR BARREL SECTION DETAILS, SEE SECTION C-C ON SHEET C-8

BAR SCHEDULE											
PHASE I C2-P1 CONSTRUCTION						PHASE II C2-P2 CONSTRUCTION					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A3	644	#4	1	6'-5"	2760	A3	562	#4	1	6'-5"	2409
A4	644	#4	1	6'-3"	2689	A4	562	#4	1	6'-3"	2346
A150	322	#6	STR	11'-0"	5320	A150	281	#6	STR	11'-0"	4643
A250	322	#5	STR	11'-0"	3694	A250	281	#5	STR	11'-0"	3224
B1	322	#4	STR	7'-11"	1703	B1	282	#4	STR	7'-11"	1491
B2	644	#4	STR	6'-4"	2725	B2	562	#4	STR	6'-4"	2378
C4	240	#4	STR	28'-5"	4556	C5	200	#4	STR	29'-8"	3963
D1	52	#6	STR	3'-0"	234	E2	16	#5	STR	4'-0"	67
E2	16	#5	STR	4'-0"	67						
REINFORCING STEEL = 23,748 LBS.						REINFORCING STEEL = 20,521 LBS.					



SPLICE LENGTHS CHART

BAR	SIZE	SPLICE LENGTH
"C"	#4	1'-11"



PROJECT NO. U-2524D
 GUILFORD COUNTY
 STATION: 1+26.46 -SPBY8-

SHEET 3 OF 7



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
CULVERT #2
 SINGLE 10' X 7' RCBC
 PHASES C2-P1 & C2-P2
 DETAILS
 40°-31'-08" SKEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. C-9
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 34
2			4			

DRAWN BY: A. SORSENGINH DATE: 1/2016
 CHECKED BY: T. H. FANG DATE: 5/15/16
 DESIGN ENGINEER OF RECORD: A. SORSENGINH DATE: 5/26/16