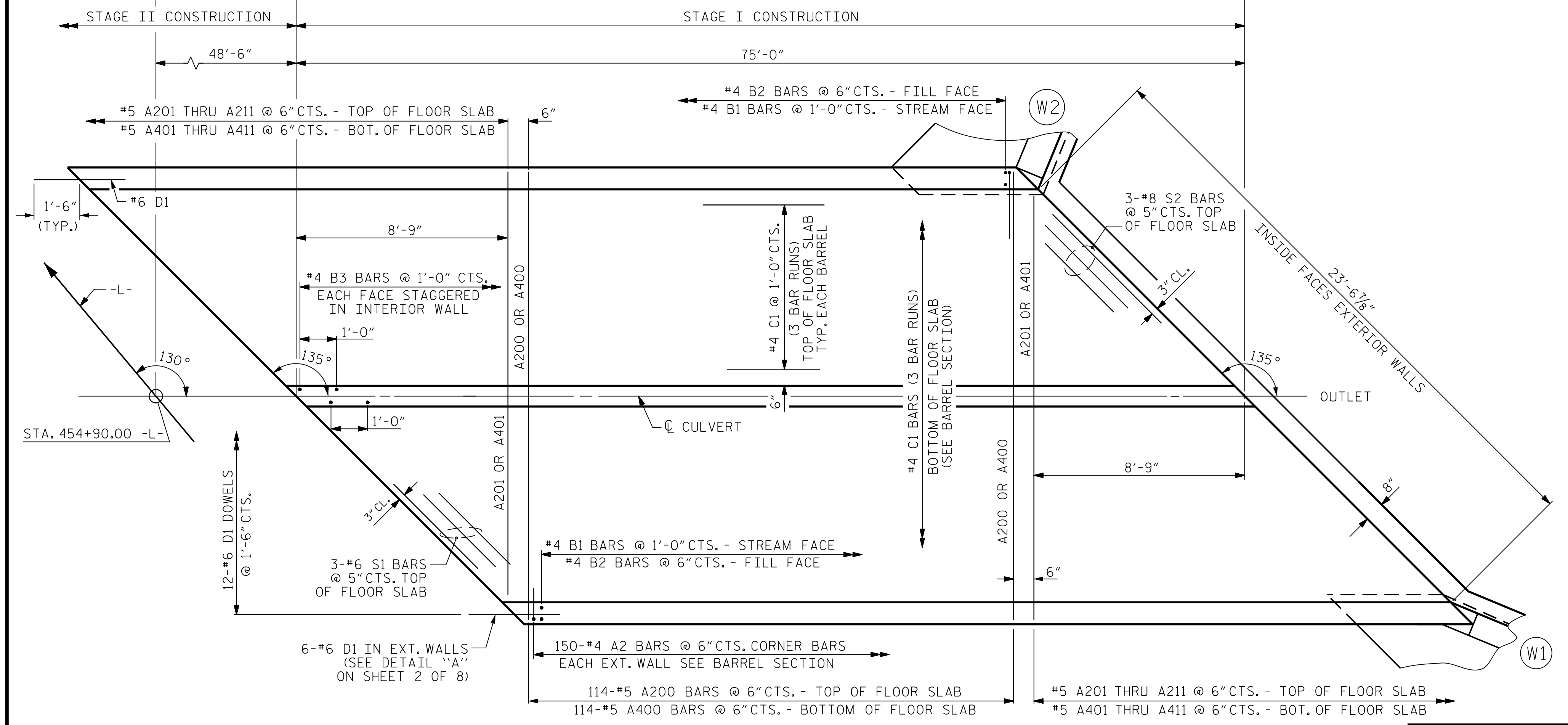
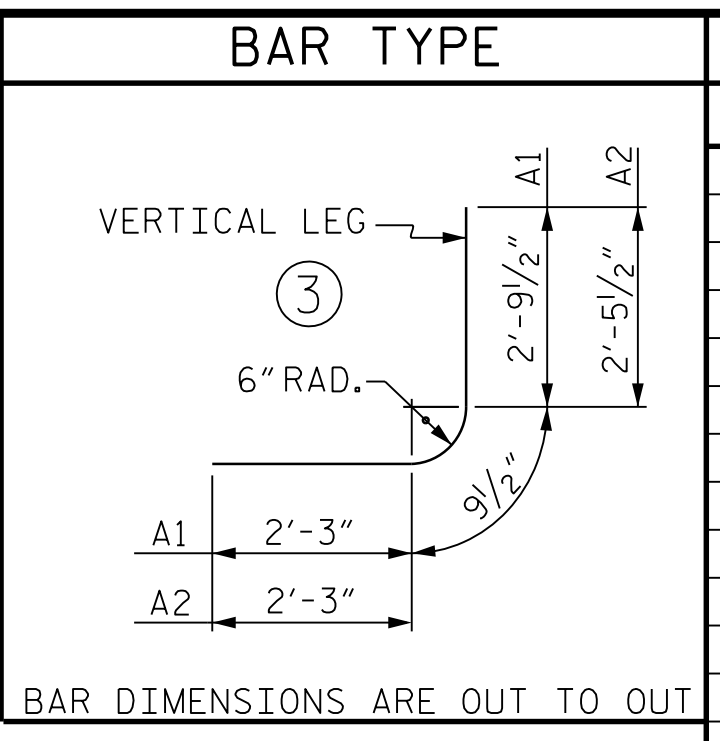


STAGE I - PLAN OF ROOF SLAB

TOTAL LENGTH OF CULVERT= 242'-6"



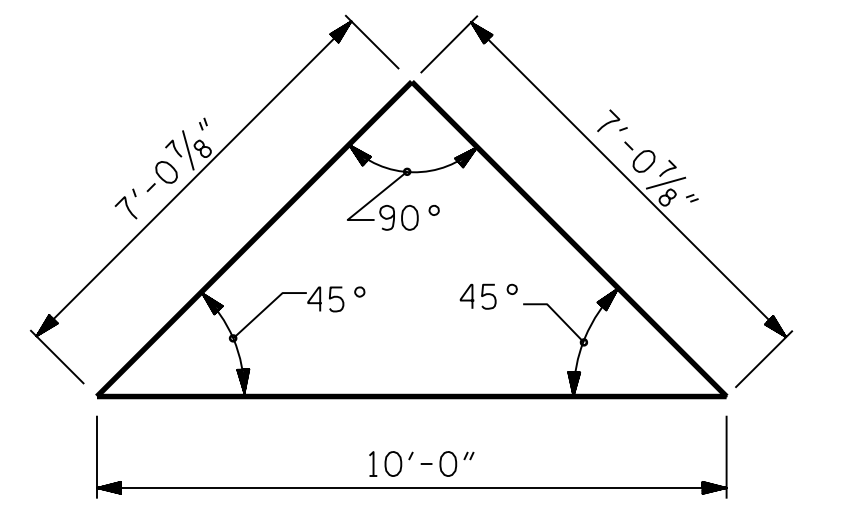
STAGE I - PLAN OF FLOOR SLAB



REINFORCING BAR SCHEDULE											
STAGE I											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	300	#4	3	5'-10"	1169	A303	6	#5	STR	13'-4"	83
A2	300	#4	3	5'-6"	1102	A304	6	#5	STR	11'-10"	74
						A305	6	#5	STR	10'-4"	65
A100	114	#5	STR	17'-8"	2101	A306	6	#5	STR	8'-10"	55
A101	6	#5	STR	16'-4"	102	A307	6	#5	STR	7'-4"	46
A102	6	#5	STR	14'-10"	93	A308	6	#5	STR	5'-10"	37
A103	6	#5	STR	13'-4"	83	A309	6	#5	STR	4'-4"	27
A104	6	#5	STR	11'-10"	74	A310	6	#5	STR	2'-10"	18
A105	6	#5	STR	10'-4"	65	A311	6	#5	STR	1'-4"	8
A106	6	#5	STR	8'-10"	55						
A107	6	#5	STR	7'-4"	46	A400	114	#5	STR	17'-8"	2101
A108	6	#5	STR	5'-10"	37	A401	6	#5	STR	16'-4"	102
A109	6	#5	STR	4'-4"	27	A402	6	#5	STR	14'-10"	93
A110	6	#5	STR	2'-10"	18	A403	6	#5	STR	13'-4"	83
A111	6	#5	STR	1'-4"	8	A404	6	#5	STR	11'-10"	74
						A405	6	#5	STR	10'-4"	65
A200	114	#5	STR	17'-8"	2101	A406	6	#5	STR	8'-10"	55
A201	6	#5	STR	16'-4"	102	A407	6	#5	STR	7'-4"	46
A202	6	#5	STR	14'-10"	93	A408	6	#5	STR	5'-10"	37
A203	6	#5	STR	13'-4"	83	A409	6	#5	STR	4'-4"	27
A204	6	#5	STR	11'-10"	74	A410	6	#5	STR	2'-10"	18
A205	6	#5	STR	10'-4"	65	A411	6	#5	STR	1'-4"	8
A206	6	#5	STR	8'-10"	55						
A207	6	#5	STR	7'-4"	46	B1	150	#4	STR	8'-5"	843
A208	6	#5	STR	5'-10"	37	B2	298	#4	STR	6'-4"	1261
A209	6	#5	STR	4'-4"	27	B3	150	#4	STR	8'-5"	843
A210	6	#5	STR	2'-10"	18						
A211	6	#5	STR	1'-4"	8	C1	207	#6	STR	26'-2"	3618
A300	114	#5	STR	17'-8"	2101	D1	36	#6	STR	3'-0"	162
A301	6	#5	STR	16'-4"	102	D2	3	#6	STR	1'-6"	7
A302	6	#5	STR	14'-10"	93	D3	3	#6	STR	2'-3"	10

SPLICE LENGTHS CHART		
BAR	SIZE	SPLICE LENGTH
C1	#4	1'-10"

TOTAL STRUCTURE QUANTITIES STAGE I	
FOUNDATION COND. MAT'L	116 TONS
CULVERT EXCAVATION	LUMP SUM
CLASS A CONCRETE	
BARREL @ 1.693 CY/FT	127.0 C.Y.
WINGS ETC.	19.3 C.Y.
SILLS	0.9 C.Y.
EDGE BEAM	0.9 C.Y.
TOTAL	148.1 C.Y.
REINFORCING STEEL	
BARREL & SILLS	20,695 LBS.
WINGS ETC.	1,110 LBS.
TOTAL	21,805 LBS.



SKIEW TRIANGLE

PROJECT NO. I-5987A
ROBESON COUNTY
 STATION: 454+90.00 -L-

SHEET 3 OF 8

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 BARREL STANDARD
DOUBLE 8 FT. X 7 FT. CONCRETE BOX CULVERT
STAGE I

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C13-3
1			3			TOTAL SHEETS 8
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CDM Smith
 CDM SMITH
 5400 Glenwood Avenue, Suite 400
 Raleigh, NC 27612-3228
 NC COA No. F-1255

DRAWN BY: JJR DATE: 10/21
 CHECKED BY: THF DATE: 11/21
 DESIGN ENGINEER: VDK DATE: 12/21

DWG. No.

