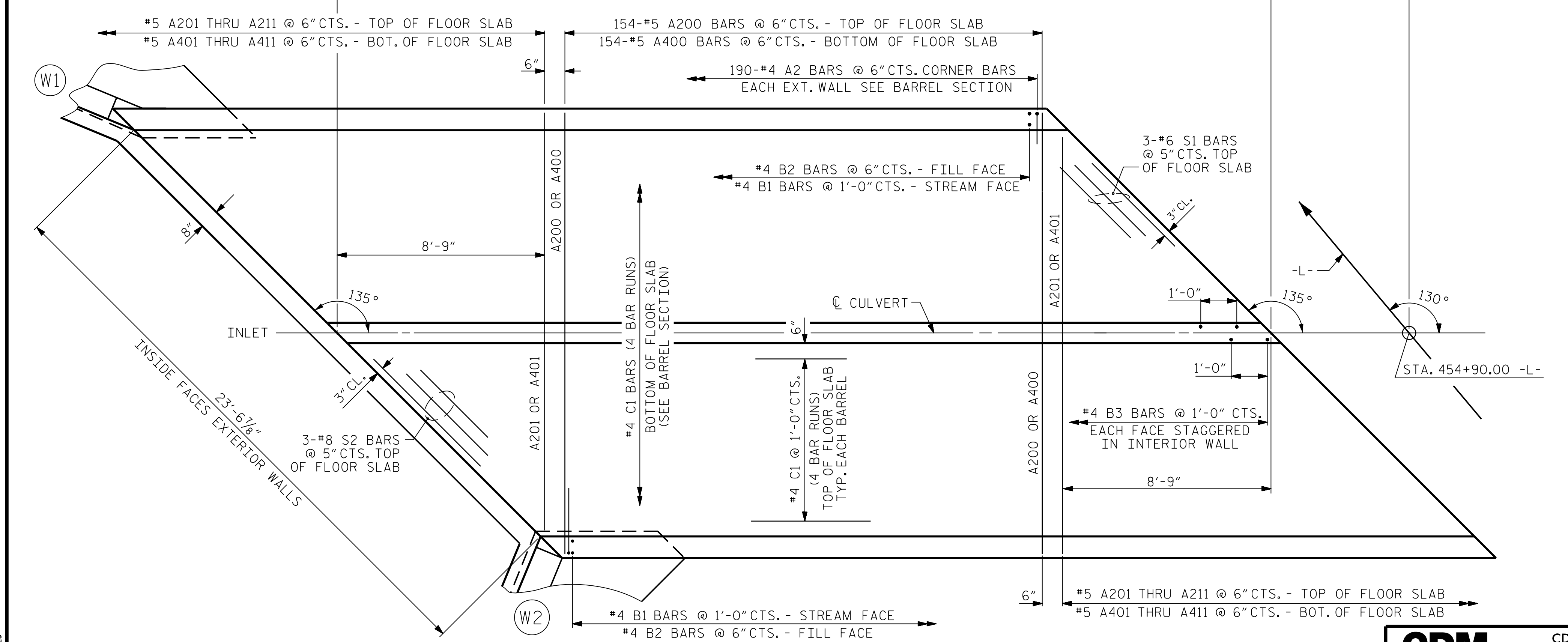
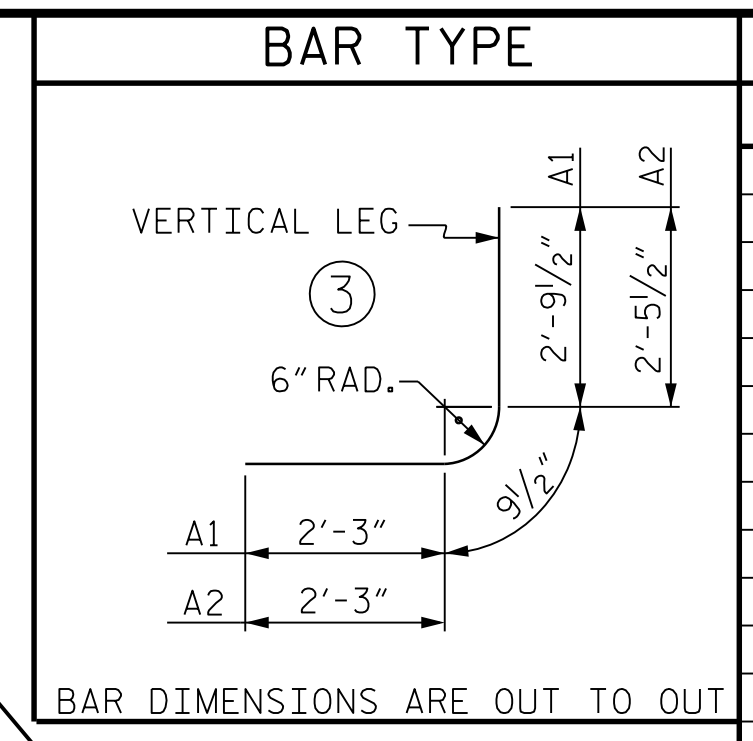


**STAGE III - PLAN OF ROOF SLAB**



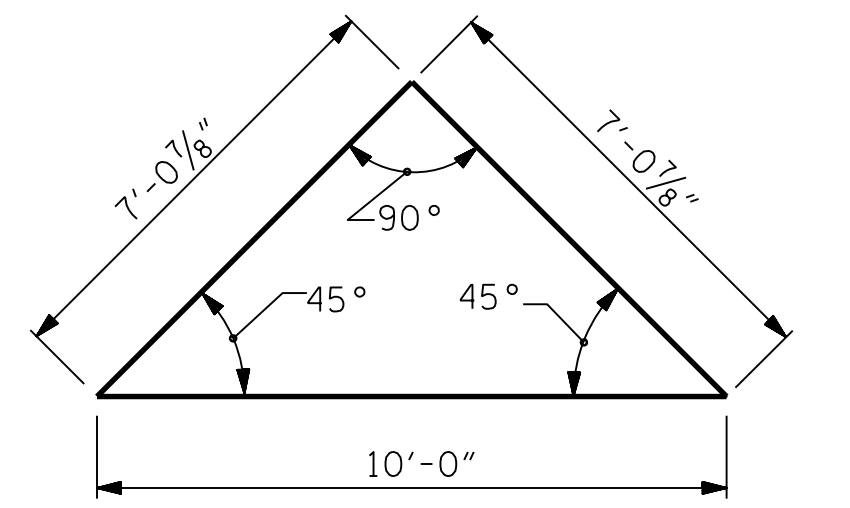
**STAGE III - PLAN OF FLOOR SLAB**



REINFORCING BAR SCHEDULE											
STAGE III											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	380	#4	3	5'-10"	1481	A303	6	#5	STR	13'-4"	83
A2	380	#4	3	5'-6"	1396	A304	6	#5	STR	11'-10"	74
						A305	6	#5	STR	10'-4"	65
A100	154	#5	STR	17'-8"	2838	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	154	#5	STR	17'-8"	2838
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	154	#5	STR	17'-8"	2838	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	190	#4	STR	8'-5"	1068
A208	6	#5	STR	5'-10"	37	B2	378	#4	STR	6'-4"	1599
A209	6	#5	STR	4'-4"	27	B3	190	#4	STR	8'-5"	1068
A210	6	#5	STR	2'-10"	18						
A211	6	#5	STR	1'-4"	8	C1	276	#6	STR	25'-1"	4625
A300	154	#5	STR	17'-8"	2838	D2	3	#6	STR	1'-6"	7
A301	6	#5	STR	16'-4"	102	D3	3	#6	STR	2'-3"	10
A302	6	#5	STR	14'-10"	93						
						G1	4	#5	STR	25'-0"	104
						S1	6	#6	STR	25'-0"	225
						S2	6	#8	STR	25'-0"	401

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

TOTAL STRUCTURE QUANTITIES STAGE III	
FOUNDATION COND. MAT'L	147 TONS
CULVERT EXCAVATION	LUMP SUM
CLASS A CONCRETE	
BARREL @ 1.693 CY/FT	160.9 C.Y.
WINGS ETC.	19.3 C.Y.
SILLS	0.9 C.Y.
TOTAL	181.1 C.Y.
REINFORCING STEEL	
BARREL & SILLS	25,768 LBS.
WINGS ETC.	1,110 LBS.
TOTAL	26,878 LBS.



**SKIEW TRIANGLE**

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

SHEET 5 OF 8

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C13-5
1			3			TOTAL SHEETS
2			4			8

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.

