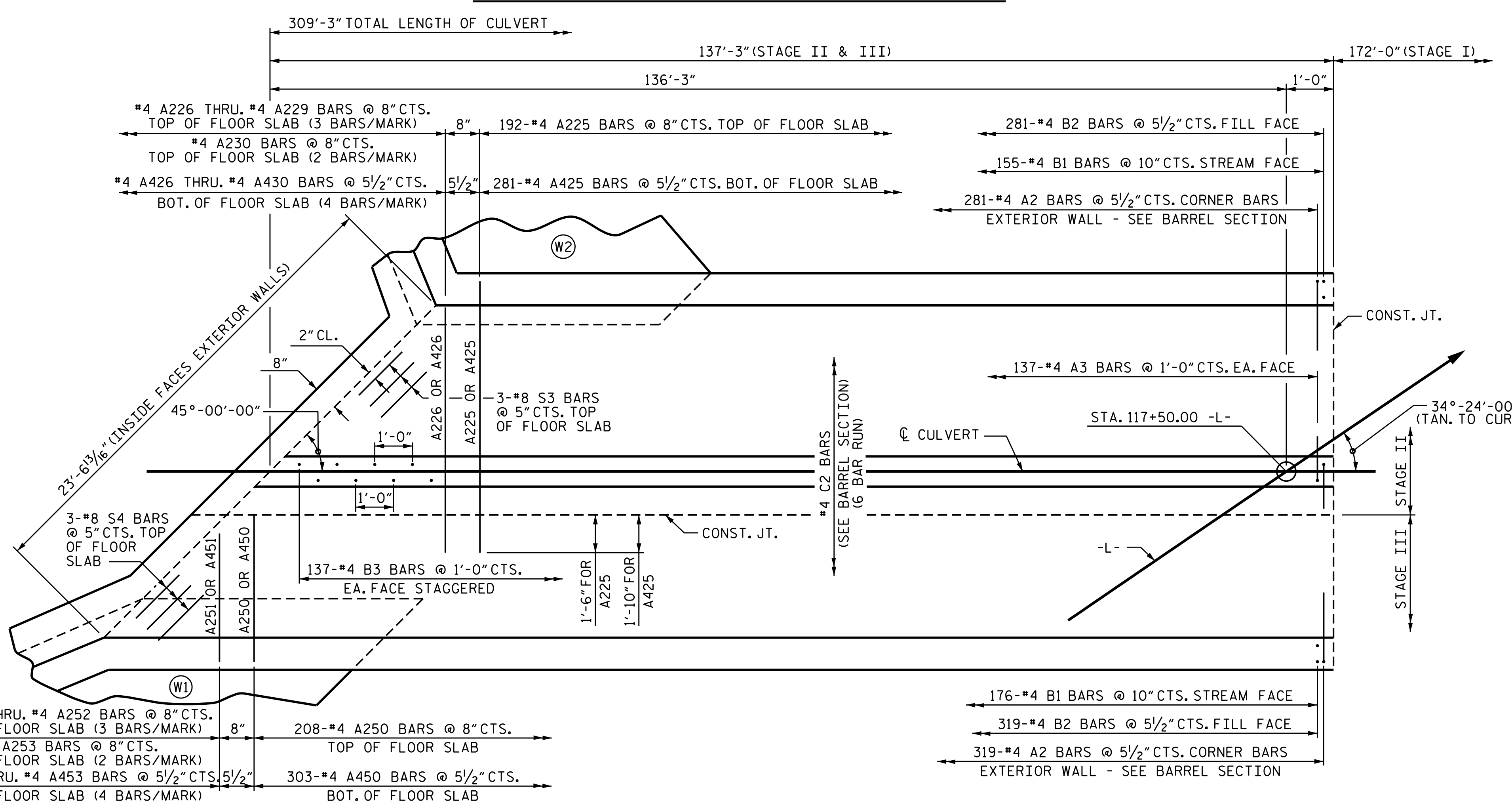


PLAN - ROOF SLAB (STAGE III)



PLAN - FLOOR SLAB (STAGE II & III)

BILL OF MATERIAL STAGE II

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	281	#4	1 5'-1"	954
A2	281	#4	1 4'-10"	907
A3	274	#4	1 3'-10"	702
A225	192	#4	STR. 11'-9"	1507
A226	3	#4	STR. 9'-9"	20
A227	3	#4	STR. 7'-9"	16
A228	3	#4	STR. 5'-9"	12
A229	3	#4	STR. 3'-9"	8
A230	2	#4	STR. 2'-5"	3
A425	281	#4	STR. 12'-1"	2268
A426	4	#4	STR. 10'-3"	27
A427	4	#4	STR. 8'-5"	22
A428	4	#4	STR. 6'-7"	18
A429	4	#4	STR. 4'-9"	13
A430	4	#4	STR. 2'-11"	8
B1	155	#4	STR. 11'-4"	1173
B2	281	#4	STR. 9'-4"	1752
B3	274	#4	STR. 11'-4"	2074
C2	204	#4	STR. 25'-10"	3520
D1	18	#6	STR. 1'-7"	43
S3	3	#8	STR. 18'-9"	150
A100	220	#4	STR. 17'-8"	2596
A101	3	#4	STR. 15'-11"	32
A102	3	#4	STR. 14'-2"	28
A103	3	#4	STR. 12'-5"	25
A104	3	#4	STR. 10'-8"	21
A105	3	#4	STR. 8'-11"	18
A106	3	#4	STR. 7'-3"	15
A107	3	#4	STR. 5'-6"	11
A108	3	#4	STR. 3'-9"	8
A109	3	#4	STR. 2'-0"	4
A250	208	#4	STR. 7'-6"	1042
A251	3	#4	STR. 5'-9"	12
A252	3	#4	STR. 3'-9"	8
A253	2	#4	STR. 2'-5"	3
A300	281	#4	STR. 17'-8"	3316
A301	4	#4	STR. 15'-11"	43
A302	4	#4	STR. 14'-1"	38
A303	4	#4	STR. 12'-3"	33
A304	4	#4	STR. 10'-5"	28
A305	4	#4	STR. 8'-7"	23
A306	4	#4	STR. 6'-9"	18
A307	4	#4	STR. 4'-11"	13
A308	4	#4	STR. 3'-1"	8
A309	2	#4	STR. 2'-2"	3

REINFORCING STEEL LBS. 15,197

BILL OF MATERIAL STAGE III

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
A450	303	#4	STR. 7'-6"	1518
A451	4	#4	STR. 5'-10"	16
A452	4	#4	STR. 4'-0"	11
A453	4	#4	STR. 2'-1"	6
B1	176	#4	STR. 11'-4"	1332
B2	319	#4	STR. 9'-4"	1989
C2	264	#4	STR. 25'-10"	4556
D2	3	#6	STR. 3'-7"	16
G1	4	#5	STR. 25'-1"	105
S2	3	#8	STR. 25'-1"	201
S4	3	#8	STR. 10'-8"	85

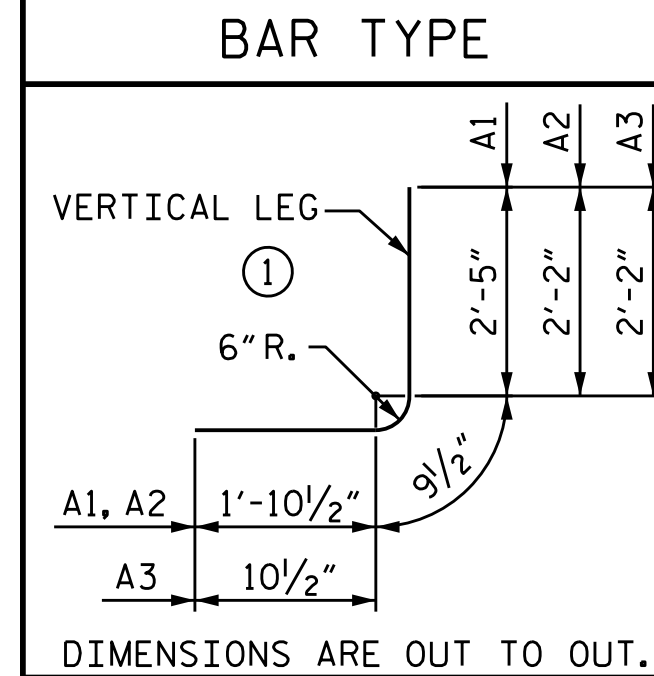
REINFORCING STEEL LBS. 19,294

STAGE II

CLASS A CONCRETE	
BARREL @ 0.877 CY/FT	120.4 C.Y.
WINGS, ETC.	6.9 C.Y.
1 SILL, 5 BAFFLES	1.8 C.Y.
TOTAL	129.1 C.Y.
REINFORCING STEEL	
BARREL	15,197 LBS.
WINGS, ETC.	496 LBS.
TOTAL	15,693 LBS.

STAGE III

CLASS A CONCRETE	
BARREL @ 1.159 CY/FT	199.3 C.Y.
WINGS, ETC.	16.9 C.Y.
1 SILL	0.9 C.Y.
TOTAL	217.1 C.Y.
REINFORCING STEEL	
BARREL	19,294 LBS.
WINGS, ETC.	1,108 LBS.
TOTAL	20,402 LBS.

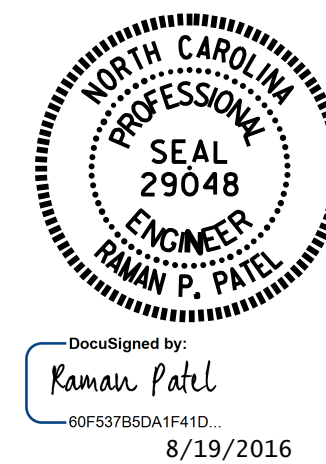


SPLICE LENGTH

BAR	SIZE	LENGTH
A225	#4	1'-5"
A425	#4	1'-9"
B1	#4	1'-5"
B3	#4	1'-5"
C2	#4	1'-11"
S3	#8	4'-0"

PROJECT NO. U-3440
 CABARRUS COUNTY
 STATION: 117+50.00 -L-

SHEET 7 OF 8



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 DOUBLE 8 FT. X 10 FT.
 CONCRETE BOX CULVERT
 STAGE II & III
 34°-24'-00" SKEW/45° HEADWALL

DRAWN BY: KEITH D. LAYNE DATE: 5/06/16
 CHECKED BY: J.D. HAWK DATE: 5/20/16
 DESIGN ENGINEER OF RECORD: R. P. PATEL DATE: 6/3/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		