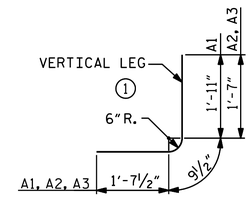
$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

BAR TYPE



BAR DIMENSIONS ARE OUT TO OUT

SPLICE LENGTH CHART

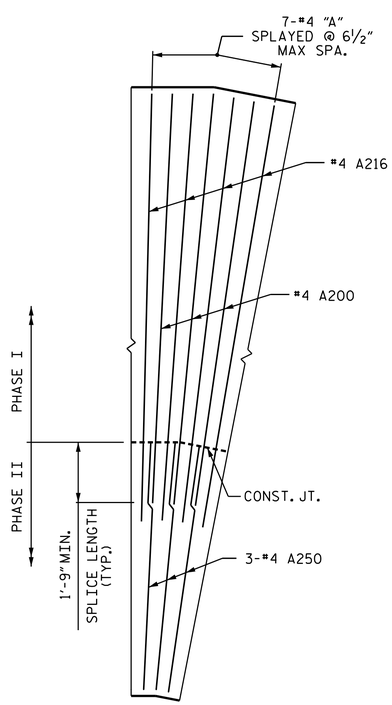
BAR	SIZE	LENGTH
A200	#4	1'-9"
A400	#5	2'-2''
'B'	#4	1'-9"
C1	#4	1'-11"
'S'	#8	4'-11"
'S'	#6	2'-9"

BAR SCHEDULE

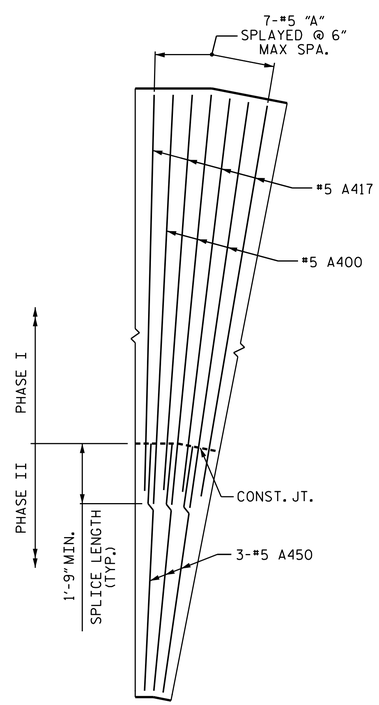
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	118	#4	1	4'-4"	342
A2	236	#4	1	4'-0"	631
A3	117	#4	1	4'-0"	313
A100	95	#4	STR	15'-8"	994
A101	1	#4	STR	14'-10"	10
A102	1	#4	STR	13'-11"	9
A103	1	#4	STR	12'-11"	9
A104	1	#4	STR	12'-0"	8
A105	1	#4	STR	11'-1"	7
A106	1	#4	STR	10'-1"	7
A107	1	#4	STR	9'-2"	6
A108	1	#4	STR	8'-3"	6
A109	1	#4	STR	7'-4"	5
A110	1	#4	STR	6'-4"	4
A111	1	#4	STR	5'-5"	4
A112	1	#4	STR	4'-6"	3
A113	1	#4	STR	3'-6"	2
A114	1	#4	STR	2'-7"	2
A115	2	#4	STR	14'-8"	20
A116	2	#4	STR	13'-5"	18
A117	2	#4	STR	12'-2"	16
A118	2	#4	STR	10'-11"	15
A119	2	#4	STR	9'-8"	13
A120	2	#4	STR	8'-6"	11
A121	2	#4	STR	7'-3"	10
A122	2	#4	STR	6'-0"	8
A123	2	#4	STR	4'-9"	6
A124	2	#4	STR	3'-6"	5
A125	2	#4	STR	2'-3"	3
A126	4	#4	STR	10'-5"	28

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A200	91	#4	STR	11'-1''	674
A201	1	#4	STR	10'-11"	7
A202	1	#4	STR	9'-11"	7
A203	1	#4	STR	8'-10"	6
A204	1	#4	STR	7'-10"	5
A205	1	#4	STR	6'-10"	5
A206	1	#4	STR	5'-10"	4
A207	1	#4	STR	4'-9"	3
A208	1	#4	STR	3'-9"	3
A209	1	#4	STR	2'-9"	2
A210	2	#4	STR	10'-1''	13
A211	2	#4	STR	8'-9''	12
A212	2	#4	STR	7'-5''	10
A213	2	#4	STR	6'-1''	8
A214	2	#4	STR	4'-9''	6
A215	2	#4	STR	3'-5''	5
A216	4	#4	STR	11'-5''	31
A250	101	#4	STR	6'-4''	427
A251	1	#4	STR	5'-8''	4
A252	1	#4	STR	4'-7''	3
A253	1	#4	STR	3'-7''	2
A254	1	#4	STR	2'-7''	2
A255	2	#4	STR	5'-10"	8
A256	2	#4	STR	4'-6''	6
A257	2	#4	STR	3'-2''	4
A300	50	#5	STR	15'-8"	817
A301	1	#5	STR	13'-11"	15
A302	1	#5	STR	12'-0"	13
A303	1	#5	STR	10'-1"	11
A304	1	#5	STR	8'-3"	9
A305	1	#5	STR	6'-4"	7
A306	1	#5	STR	4'-6"	5
A307	1	#5	STR	2'-7"	3
A308	1	#5	STR	14'-8"	15
A309	1	#5	STR	13'-5"	14
A310	1	#5	STR	12'-2"	13
A311	1	#5	STR	10'-11"	11
A312	1	#5	STR	9'-8"	10
A313	1	#5	STR	8'-6"	9
A314	1	#5	STR	7'-3"	8
A315	1	#5	STR	6'-0"	6
A316	1	#5	STR	4'-9"	5
A317	1	#5	STR	3'-6"	4
A318	1	#5	STR	2'-3"	2

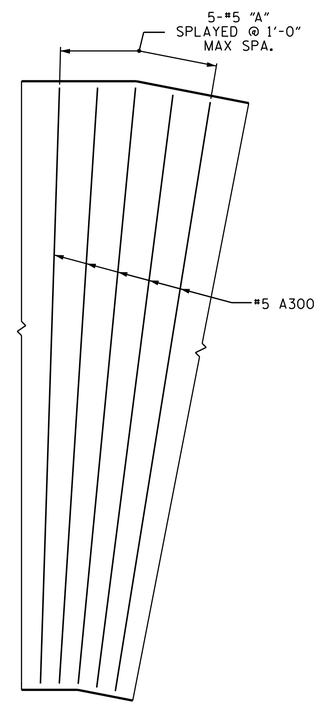
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A400	100	#5	STR	11'-5''	1191
A401	1	#5	STR	10'-5"	11
A402	1	#5	STR	9'-3"	10
A403	1	#5	STR	8'-6"	9
A404	1	#5	STR	7'-8"	8
A405	1	#5	STR	6'-7"	7
A406	1	#5	STR	5'-8"	6
A407	1	#5	STR	4'-9"	5
A408	1	#5	STR	3'-10"	4
A409	1	#5	STR	2'-10"	3
A410	2	#5	STR	10'-6"	22
A411	2	#5	STR	9'-3''	19
A412	2	#5	STR	8'-0''	17
A413	2	#5	STR	6'-9''	14
A414	2	#5	STR	5'-6''	11
A415	2	#5	STR	4'-3''	9
A416	2	#5	STR	3'-0''	6
A417	4	#5	STR	10'-7''	44
A450	110	#5	STR	6'-4''	727
A451	1	#5	STR	5'-6''	6
A452	1	#5	STR	4'-7''	5
A453	1	#5	STR	3'-7''	4
A454	1	#5	STR	2'-8''	3
A455	2	#5	STR	5'-10"	12
A456	2	#5	STR	4'-7''	10
A457	2	#5	STR	3'-4''	7
A458	2	#5	STR	2'-1''	4
B1	118	#4	STR	8'-1"	637
B2	118	#4	STR	6'-4"	499
B3	117	#4	STR	8'-1"	632
C1	183	#4	STR	21'-1"	2577
D1	32	#6	STR	2'-6"	120
G1	4	#5	STR	20'-1"	84
S2	3	#8	STR	16'-11"	136
S3	6	#6	STR	13'-6"	122
S4	3	#8	STR	8'-2"	65
S5	6	#6	STR	7'-2"	65
S6	3	#8	STR	20'-1"	161
S7	6	#6	STR	17'-8"	159
REINFORCING STEEL				= 12,180 LBS.	



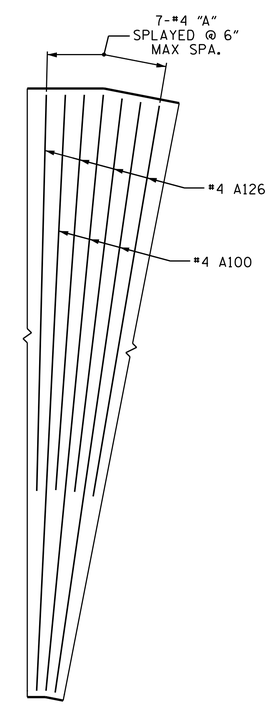
DETAIL A
TOP OF FLOOR SLAB



DETAIL A
BOTTOM OF FLOOR SLAB



DETAIL B
TOP OF ROOF SLAB



DETAIL B
BOTTOM OF ROOF SLAB

PROJECT NO. R-2519B
MITCHELL COUNTY
STATION: 327+50.47 -L-

SHEET 5 OF 7

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DOUBLE 7 FT. X 7 FT. CONCRETE BOX CULVERT RIGHT EXTENSION

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CREEK, JR.

8/27/2014

DocuSigned by: Marshall G. Creek, Jr.
6549D6EBAA3B405...

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-69
1			3			TOTAL SHEETS
2			4			87

STR. #12

DRAWN BY : M.A. LEBLANC DATE : 9/13
CHECKED BY : V. NGUYEN DATE : 9/13
DESIGN ENGINEER OF RECORD: J.R. MCROY DATE : 10/13