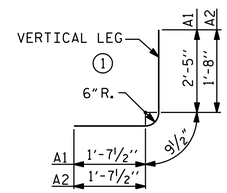
BAR TYPE



BAR DIMENSIONS ARE OUT TO OUT

SPLICE LENGTH CHART

BAR	SIZE	LENGTH
A200	#4	1'-5"
A400	#4	1'-5"
B1	#4	1'-5"
B3	#4	1'-5"
C1	#4	1'-11"
'S'	#6	2'-9"

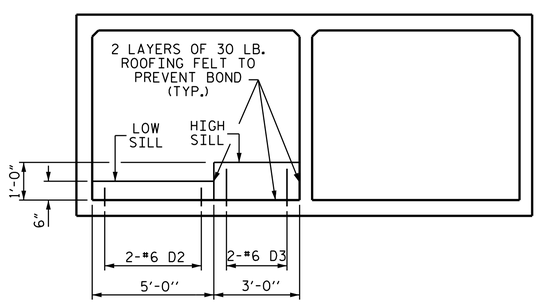
BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	384	#4	1	4'-10"	1240
A2	576	#4	1	4'-1"	1571
A100	177	#5	STR	17'-8"	3261
A101	2	#5	STR	16'-5"	34
A102	2	#5	STR	15'-2"	32
A103	2	#5	STR	13'-11"	29
A104	2	#5	STR	12'-8"	26
A105	2	#5	STR	11'-5"	24
A106	2	#5	STR	10'-3"	21
A107	2	#5	STR	9'-0"	19
A108	2	#5	STR	7'-9"	16
A109	2	#5	STR	6'-6"	14
A110	2	#5	STR	5'-3"	11
A111	2	#5	STR	4'-1"	9
A112	5	#5	STR	2'-10"	15
A200	172	#4	STR	12'-1"	1388
A201	2	#4	STR	10'-8"	14
A202	2	#4	STR	9'-4"	12
A203	2	#4	STR	7'-11"	11
A204	2	#4	STR	6'-8"	9
A205	2	#4	STR	5'-4"	7
A206	2	#4	STR	3'-11"	5
A207	5	#4	STR	2'-8"	9

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A250	163	#4	STR	7'-4"	798
A251	2	#4	STR	5'-11"	8
A252	2	#4	STR	4'-7"	6
A253	2	#4	STR	3'-3"	4
A254	2	#4	STR	1'-11"	3
A300	177	#4	STR	17'-8"	2089
A301	2	#4	STR	16'-5"	22
A302	2	#4	STR	15'-2"	20
A303	2	#4	STR	13'-11"	19
A304	2	#4	STR	12'-8"	17
A305	2	#4	STR	11'-5"	15
A306	2	#4	STR	10'-3"	14
A307	2	#4	STR	9'-0"	12
A308	2	#4	STR	7'-9"	10
A309	2	#4	STR	6'-6"	9
A310	2	#4	STR	5'-3"	7
A311	2	#4	STR	4'-1"	5
A312	5	#4	STR	2'-10"	9

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A400	186	#4	STR	12'-1"	1501
A401	2	#4	STR	10'-9"	14
A402	2	#4	STR	9'-6"	13
A403	2	#4	STR	8'-3"	11
A404	2	#4	STR	7'-0"	9
A405	2	#4	STR	5'-9"	8
A406	2	#4	STR	4'-6"	6
A407	5	#4	STR	3'-3"	11
A450	177	#4	STR	7'-4"	867
A451	2	#4	STR	6'-1"	8
A452	2	#4	STR	4'-10"	6
A453	2	#4	STR	3'-7"	5
A454	2	#4	STR	2'-4"	3
B1	192	#4	STR	9'-3"	1186
B2	384	#4	STR	7'-4"	1881
B3	192	#4	STR	9'-3"	1186
C1	288	#4	STR	27'-3"	5242
D1	10	#6	STR	0'-10"	13
D2	10	#6	STR	1'-4"	20
G1	4	#5	STR	17'-8"	74
S3	6	#6	STR	16'-1"	145
S3	6	#6	STR	22'-8"	204
S4	6	#6	STR	9'-5"	85

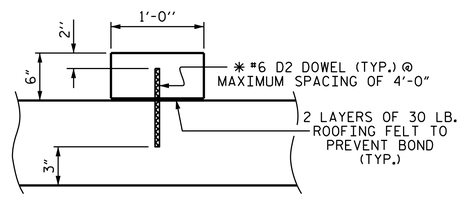
REINFORCING STEEL = 23,342 LBS.



ELEVATION
(LOOKING DOWNSTREAM)

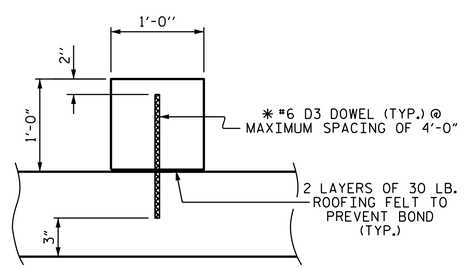
CULVERT SILL DETAILS

NOTE : FOR LAYOUT OF SILLS, SEE "PLAN OF SILL LOCATION", SHEET 5 OF 11.



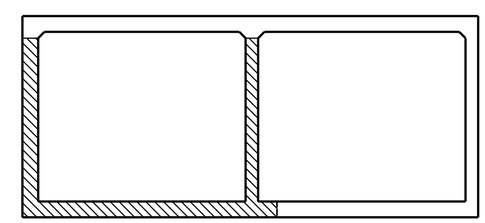
SECTION THRU LOW SILL

* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.



SECTION THRU HIGH SILL

* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.



STAGE II

CONSTRUCTION PHASING

(LOOKING UPSTREAM)

PHASE I CONSTRUCTION

PHASE II CONSTRUCTION

PROJECT NO. R-2519B

MITCHELL COUNTY

STATION: 323+58.66 -L-

SHEET 9 OF 11

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DOUBLE 8 FT. X 8 FT. CONCRETE BOX CULVERT STAGE II

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

9/2/2014 Marshall G. Cheek, Jr.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-62
1			3			TOTAL SHEETS
2			4			87

DRAWN BY : M. POOLE DATE : 10/13
CHECKED BY : D. HODGE DATE : 10/13
DESIGN ENGINEER OF RECORD: J. R. MCROY DATE : 10/13

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

STR. #11