REINFORCING STEEL BAR SCHEDULE FOR BARREL (STAGE IV)

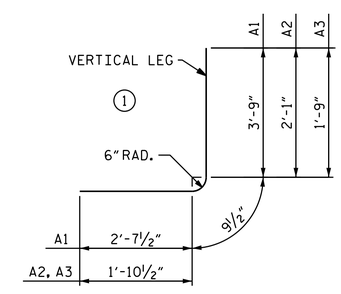
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	1433	#4	1	7'-2"	6860	A176	4	#5	STR	14'-3"	59	A600	1300	#4	STR	28'-1"	24388	A863	5	#5	STR	12'-6"	65
A2	1433	#4	1	4'-9"	4547	A177	4	#5	STR	13'-1"	55	A601	4	#4	STR	26'-5"	71						
A3	1158	#4	1	4'-5"	3416	A178	4	#5	STR	11'-11"	50	A602	4	#4	STR	24'-9"	66	B1	597	#4	STR	10'-9"	4287
												A603	4	#4	STR	23'-1"	62	B2	1433	#4	STR	8'-4"	7977
A100	995	#5	STR	44'-3"	45922	A300	2388	#4	STR	23'-4"	37221	A604	4	#4	STR	21'-5"	57	B3	1158	#4	STR	10'-9"	8316
A101	3	#5	STR	42'-9"	134	A301	8	#4	STR	22'-6"	120	A605	4	#4	STR	19'-9"	53						
A102	3	#5	STR	41'-3"	129	A302	8	#4	STR	21'-8"	116	A606	4	#4	STR	18'-1"	48	C4	924	#4	STR	29'-5"	18157
A103	3	#5	STR	39'-9"	124	A303	8	#4	STR	20'-10"	111	A607	4	#4	STR	16'-5"	44	C5	1012	#4	STR	29'-1"	19661
A104	3	#5	STR	38'-3"	120	A304	8	#4	STR	20'-0"	107	A608	4	#4	STR	14'-9"	39	C6	380	#4	STR	28'-9"	7298
A105	3	#5	STR	36'-9"	115	A305	8	#4	STR	19'-2"	102	A609	4	#4	STR	13'-1"	35						
A106	3	#5	STR	35'-3"	110	A306	8	#4	STR	18'-4"	98	A610	4	#4	STR	11'-5"	31	D2	8	#6	STR	1'-6"	18
A107	3	#5	STR	33'-9"	106	A307	8	#4	STR	17'-6"	94	A611	4	#4	STR	9'-9"	26						
A108	3	#5	STR	32'-3"	101	A308	8	#4	STR	16'-8"	89	A612	4	#4	STR	8'-1"	22	E1	16	#5	STR	6'-11"	115
A109	3	#5	STR	30'-9"	96	A309	4	#4	STR	29'-3"	78	A613	4	#4	STR	6'-5"	17	E2	16	#5	STR	5'-9"	96
A110	3	#5	STR	29'-3"	92	A310	4	#4	STR	27'-7"	74	A614	4	#4	STR	4'-9"	13						
A111	3	#5	STR	27'-9"	87	A311	4	#4	STR	25'-11"	69	A615	4	#4	STR	3'-1"	8	G2	8	#5	STR	34'-7"	289
A112	3	#5	STR	26'-3"	82	A312	4	#4	STR	24'-3"	65	A651	5	#4	STR	26'-11"	90						
A113	3	#5	STR	24'-9"	77	A313	4	#4	STR	22'-7"	60	A652	5	#4	STR	25'-9"	86	S2	3	#8	STR	39'-10"	319
A114	3	#5	STR	23'-3"	73	A314	4	#4	STR	20'-11"	56	A653	5	#4	STR	24'-6"	82	S3	6	#8	STR	33'-5"	535
A115	3	#5	STR	21'-9"	68	A315	4	#4	STR	19'-3"	51	A654	5	#4	STR	23'-4"	78	S5	3	#8	STR	37'-5"	300
A116	3	#5	STR	20'-3"	63	A316	4	#4	STR	17'-7"	47	A655	5	#4	STR	22'-2"	74	S6	6	#8	STR	36'-11"	591
A117	3	#5	STR	18'-9"	59	A317	4	#4	STR	15'-11"	43	A656	5	#4	STR	20'-11"	70						
A118	3	#5	STR	17'-3"	54	A318	4	#4	STR	14'-3"	38	A657	5	#4	STR	19'-9"	66						
A119	3	#5	STR	15'-9"	49	A319	4	#4	STR	12'-7"	34	A658	5	#4	STR	18'-6"	62						
A120	3	#5	STR	14'-3"	45	A320	4	#4	STR	10'-11"	29	A659	5	#4	STR	17'-4"	58						
A121	3	#5	STR	12'-9"	40	A321	4	#4	STR	9'-3"	25	A660	5	#4	STR	16'-1"	54						
A122	3	#5	STR	11'-3"	35	A322	4	#4	STR	7'-7"	20	A661	5	#4	STR	14'-11"	50						
A123	3	#5	STR	9'-9"	31	A323	4	#4	STR	5'-11"	16	A662	5	#4	STR	13'-8"	46						
A124	3	#5	STR	8'-3"	26	A324	4	#4	STR	4'-3"	11	A663	5	#4	STR	12'-6"	42						
A125	3	#5	STR	6'-9"	21	A325	4	#4	STR	2'-7"	7												
A126	3	#5	STR	5'-3"	16	A351	10	#4	STR	22'-9"	152	A800	1300	#5	STR	28'-1"	38078						
A127	3	#5	STR	3'-9"	12	A352	10	#4	STR	22'-2"	148	A801	4	#5	STR	26'-5"	110						
A128	3	#5	STR	2'-3"	7	A353	10	#4	STR	21'-7"	144	A802	4	#5	STR	24'-9"	103						
A151	4	#5	STR	43'-1"	180	A354	10	#4	STR	21'-0"	140	A803	4	#5	STR	23'-1"	96						
A152	4	#5	STR	41'-11"	175	A355	10	#4	STR	20'-4"	136	A804	4	#5	STR	21'-5"	89						
A153	4	#5	STR	40'-10"	170	A356	10	#4	STR	19'-9"	132	A805	4	#5	STR	19'-9"	82						
A154	4	#5	STR	39'-8"	165	A357	10	#4	STR	19'-2"	128	A806	4	#5	STR	18'-1"	75						
A155	4	#5	STR	38'-6"	161	A358	10	#4	STR	18'-7"	124	A807	4	#5	STR	16'-5"	68						
A156	4	#5	STR	37'-4"	156	A359	10	#4	STR	18'-0"	120	A808	4	#5	STR	14'-9"	62						
A157	4	#5	STR	36'-2"	151	A360	10	#4	STR	17'-4"	116	A809	4	#5	STR	13'-1"	55						
A158	4	#5	STR	35'-0"	146	A361	10	#4	STR	16'-9"	112	A810	4	#5	STR	11'-5"	48						
A159	4	#5	STR	33'-10"	141	A362	5	#4	STR	29'-10"	100	A811	4	#5	STR	9'-9"	41						
A160	4	#5	STR	32'-9"	137	A363	5	#4	STR	28'-8"	96	A812	4	#5	STR	8'-1"	34						
A161	4	#5	STR	31'-7"	132	A364	5	#4	STR	27'-5"	92	A813	4	#5	STR	6'-5"	27						
A162	4	#5	STR	30'-5"	127	A365	5	#4	STR	26'-3"	88	A814	4	#5	STR	4'-9"	20						
A163	4	#5	STR	29'-3"	122	A366	5	#4	STR	25'-0"	84	A815	4	#5	STR	3'-1"	13						
A164	4	#5	STR	28'-1"	117	A367	5	#4	STR	23'-10"	80	A851	5	#5	STR	26'-11"	140						
A165	4	#5	STR	26'-11"	112	A368	5	#4	STR	22'-7"	75	A852	5	#5	STR	25'-9"	134						
A166	4	#5	STR	25'-9"	107	A369	5	#4	STR	21'-5"	72	A853	5	#5	STR	24'-6"	128						
A167	4	#5	STR	24'-8"	103	A370	5	#4	STR	20'-3"	68	A854	5	#5	STR	23'-4"	122						
A168	4	#5	STR	23'-6"	98	A371	5	#4	STR	19'-0"	63	A855	5	#5	STR	22'-2"	116						
A169	4	#5	STR	22'-4"	93	A372	5	#4	STR	17'-10"	60	A856	5	#5	STR	20'-11"	109						
A170	4	#5	STR	21'-2"	88	A373	5	#4	STR	16'-7"	55	A857	5	#5	STR	19'-9"	103						
A171	4	#5	STR	20'-0"	83	A374	5	#4	STR	15'-5"	51	A858	5	#5	STR	18'-6"	96						
A172	4	#5	STR	18'-10"	79	A375	5	#4	STR	14'-2"	47	A859	5	#5	STR	17'-4"	90						
A173	4	#5	STR	17'-8"	74	A376	5	#4	STR	13'-0"	43	A860	5	#5	STR	16'-1"	84						
A174	4	#5	STR	16'-7"	69	A377	5	#4	STR	11'-9"	39	A861	5	#5	STR	14'-11"	78						
A175	4	#5	STR	15'-5"	64							A862	5	#5	STR	13'-8"	71	REINFORCING STEEL				= 241,411 LBS.	

REINFORCING STEEL BAR SCHEDULE FOR BARREL (STAGE V)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	49	#4	1	7'-2"	235	A688	5	#4	STR	2'-11"	10
A2	49	#4	1	4'-9"	155	A689	5	#4	STR	2'-0"	7
A181	4	#5	STR	11'-5"	48	A881	5	#5	STR	11'-4"	59
A182	4	#5	STR	10'-3"	43	A882	5	#5	STR	10'-1"	53
A183	4	#5	STR	9'-1"	38	A883	5	#5	STR	8'-11"	47
A184	4	#5	STR	8'-0"	33	A884	5	#5	STR	7'-9"	40
A185	4	#5	STR	6'-10"	29	A885	5	#5	STR	6'-6"	34
A186	4	#5	STR	5'-8"	24	A886	5	#5	STR	5'-4"	28
A187	4	#5	STR	4'-6"	19	A887	5	#5	STR	4'-1"	21
A188	4	#5	STR	3'-4"	14	A888	5	#5	STR	2'-11"	15
A189	4	#5	STR	2'-2"	9	A889	5	#5	STR	2'-0"	10
A381	5	#4	STR	11'-4"	38	B1	21	#4	STR	10'-9"	151
A382	5	#4	STR	10'-1"	34	B2	49	#4	STR	8'-4"	273
A383	5	#4	STR	8'-11"	30						
A384	5	#4	STR	7'-9"	26	C7	40	#4	STR	21'-7"	577
A385	5	#4	STR	6'-6"	22						
A386	5	#4	STR	5'-4"	18	D2	6	#6	STR	1'-6"	14
A387	5	#4	STR	4'-1"	14						
A388	5	#4	STR	2'-11"	10	G3	8	#5	STR	13'-4"	111
A389	5	#4	STR	2'-0"	7						
						S7	12	#8	STR	14'-6"	465
A681	5	#4	STR	11'-4"	38						
A682	5	#4	STR	10'-1"	34						
A683	5	#4	STR	8'-11"	30						
A684	5	#4	STR	7'-9"	26						
A685	5	#4	STR	6'-6"	22						
A686	5	#4	STR	5'-4"	18						
A687	5	#4	STR	4'-1"	14	REINFORCING STEEL				= 2,943	

SPLICE LENGTHS CHART

BAR	SIZE	SPLICE LENGTH
A200, A600	4	1'-9"
A300	4	2'-5"
A400, A800	5	2'-2"
B1	4	1'-5"
B3	4	1'-5"
"C"	4	1'-11"
"S"	8	4'-0"
"G"	5	1'-9"



BAR TYPE

BAR DIMENSIONS ARE OUT TO OUT

PROJECT NO. B-4490

CUMBERLAND COUNTY

STATION: 19+26.42 -L-

SHEET 14 OF 18

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 14 FT. X 9 FT. CONCRETE BOX CULVERT

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 29441 ENGINEER KERSTIN W. ALFORD

DocuSigned by: F2458389305BF40E... 3/29/2016

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			C-14
1			3					TOTAL SHEETS
2			4					18

DRAWN BY : T.L. AVERETTE DATE : 07-15
CHECKED BY : J.P. ADAMS DATE : 08-15
DESIGN ENGINEER OF RECORD: T.L. AVERETTE DATE : 09-15

29-MAR-2016 09:21
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jpadams