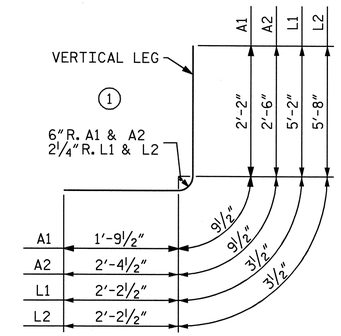
BILL OF MATERIAL

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	192	#5	1	4′-9″	951	A211	1	#4	STR	10′-2″	7	A400	84	#7	STR	15′-3″	2618	B3	324	#5	STR	9′-4″	3154
A2	192	#6	1	5′-8″	1634	A212	1	#4	STR	8′-10″	6	A401	1	#7	STR	14′-7″	30						
						A213	1	#4	STR	7′-5″	5	A402	1	#7	STR	13′-1″	27	C1	342	#4	STR	22′-5″	5121
A100	68	#6	STR	32′-3″	3294	A214	1	#4	STR	6′-1″	4	A403	1	#7	STR	11′-8″	24						
A101	2	#6	STR	30′-6″	92	A215	1	#4	STR	4′-9″	3	A404	1	#7	STR	10′-3″	21	D1	8	#6	STR	2′-5″	29
A102	2	#6	STR	29′-0″	87	A216	1	#4	STR	3′-5″	2	A405	1	#7	STR	8′-10″	18						
A103	2	#6	STR	27′-6″	83	A217	1	#4	STR	2′-1″	1	A406	1	#7	STR	7′-5″	15	G1	32	#5	STR	35′-8″	1190
A104	2	#6	STR	25′-11″	78							A407	1	#7	STR	6′-0″	12						
A105	2	#6	STR	24′-5″	73	A250	86	#4	STR	20′-0″	1149	A408	1	#7	STR	14′-5″	29	L1	54	#6	1	7′-8″	622
A106	2	#6	STR	22′-11″	69	A251	2	#4	STR	19′-4″	26	A409	1	#7	STR	12′-11″	26	L2	54	#6	1	8′-2″	662
A107	2	#6	STR	21′-5″	64	A252	2	#4	STR	17′-11″	24	A410	1	#7	STR	11′-6″	24						
A108	2	#6	STR	19′-10″	60	A253	2	#4	STR	16′-7″	22	A411	1	#7	STR	10′-1″	21	M1	54	#4	STR	5′-5″	195
A109	2	#6	STR	18′-4″	55	A254	2	#4	STR	15′-3″	20	A412	1	#7	STR	8′-8″	18	M2	54	#4	STR	5′-11″	213
A110	2	#6	STR	16′-10″	51	A255	2	#4	STR	13′-11″	19	A413	1	#7	STR	7′-3″	15						
A111	2	#6	STR	15′-4″	46	A256	2	#4	STR	12′-7″	17	A414	1	#7	STR	5′-10″	12	S1	6	#8	STR	18′-3″	292
A112	2	#6	STR	13′-10″	42	A257	2	#4	STR	11′-3″	15	A415	1	#7	STR	4′-4″	9	S2	6	#8	STR	22′-0″	352
A113	2	#6	STR	12′-3″	37	A258	2	#4	STR	9′-11″	13	A416	1	#7	STR	2′-11″	6						
A114	2	#6	STR	10′-9″	32	A259	2	#4	STR	8′-7″	11							REINFORCING STEEL				= 33997 LBS	
A115	2	#6	STR	9′-3″	28	A260	2	#4	STR	7′-3″	10	A450	81	#7	STR	20′-0″	3311						
A116	2	#6	STR	7′-9″	23	A261	2	#4	STR	5′-11″	8	A451	2	#7	STR	19′-0″	78						
A117	2	#6	STR	6′-2″	19	A262	2	#4	STR	4′-7″	6	A452	2	#7	STR	17′-7″	72						
A118	2	#6	STR	4′-8″	14	A263	2	#4	STR	3′-2″	4	A453	2	#7	STR	16′-1″	66						
A119	2	#6	STR	3′-2″	10	A264	2	#4	STR	1′-10″	2	A454	2	#7	STR	14′-8″	60						
												A455	2	#7	STR	13′-3″	54						
A200	91	#4	STR	13′-11″	846	A300	73	#6	STR	32′-3″	3536	A456	2	#7	STR	11′-10″	48						
A201	1	#4	STR	13′-0″	9	A301	4	#6	STR	29′-2″	175	A457	2	#7	STR	10′-5″	43						
A202	1	#4	STR	11′-8″	8	A302	4	#6	STR	26′-4″	158	A458	2	#7	STR	9′-0″	37						
A203	1	#4	STR	10′-4″	7	A303	4	#6	STR	23′-5″	141	A459	2	#7	STR	7′-7″	31						
A204	1	#4	STR	9′-0″	6	A304	4	#6	STR	20′-7″	124	A460	2	#7	STR	6′-1″	25						
A205	1	#4	STR	7′-8″	5	A305	4	#6	STR	17′-9″	107	A461	2	#7	STR	4′-8″	19						
A206	1	#4	STR	6′-3″	4	A306	4	#6	STR	14′-10″	89	A462	2	#7	STR	3′-3″	13						
A207	1	#4	STR	4′-11″	3	A307	4	#6	STR	12′-0″	72	A463	2	#7	STR	1′-10″	7						
A208	1	#4	STR	3′-7″	2	A308	4	#6	STR	9′-2″	55												
A209	1	#4	STR	12′-10″	9	A309	4	#6	STR	6′-3″	38	B1	128	#4	STR	9′-4″	798						
A210	1	#4	STR	11′-6″	8	A310	4	#6	STR	3′-5″	21	B2	192	#4	STR	7′-4″	941						

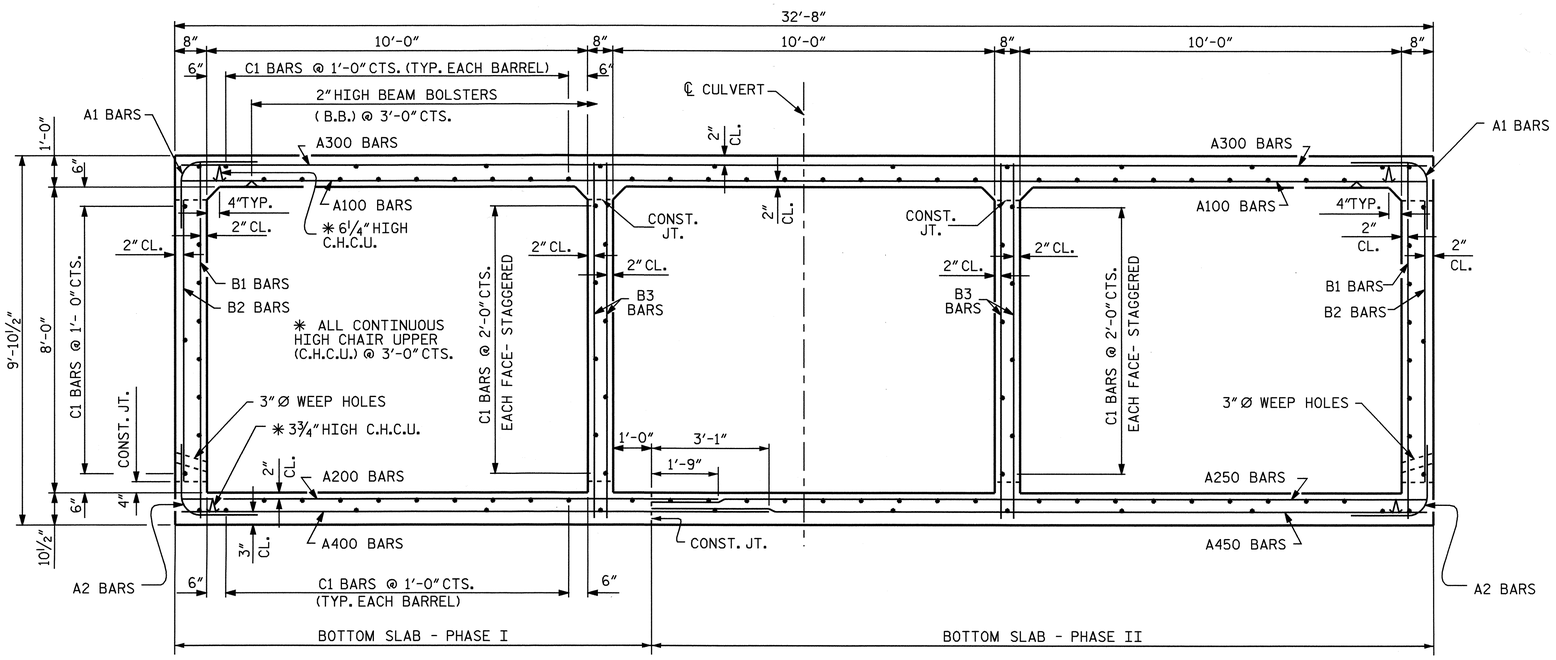
✱✱✱✱✱ SPLICE LENGTHS CHART ✱✱✱✱✱

BAR	SIZE	SPLICE LENGTH
A200	4	1′-9″
A400	7	3′-1″
B1	4	1′-9″
B3	5	1′-9″
C1	4	1′-11″

BAR TYPE



BAR DIMENSIONS ARE OUT TO OUT



RIGHT ANGLE SECTION OF BARREL (LOOKING DOWN STREAM)

THERE ARE 114 "C" BARS IN SECTION OF BARREL.

PROJECT NO. B-3475
HENDERSON COUNTY
STATION: 14+82.00-L-

SHEET 2 OF 8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 10 FT. X 8 FT. CONCRETE BOX CULVERT 65° SKEW

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL LEA CHEEK, JR.
5-26-04

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

DRAWN BY : L.L. MURPHY DATE : 11-03
CHECKED BY : V.X. NGUYEN DATE : 02-04

26-MAY-2004 09:51
wt\sdquady\b3475\lmurphy\Microstation\B3475_sd_CU_01.dgn
lmurphy