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**ATTACHMENT 10**  
**CHANNEL MEASURE VOLUME**  
**REPORTS**

CW1\_BR-RF\_700 (RECOMMENDED PLAN - LPP)

Phase	RQD	ADV	OD	Phase	RQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
78+844.00	11,271	957	994	78+844.00			
79+000.00	11,472	953	976	79+000.00	65,701	5,516	5,693
79+500.00	9,826	839	882	79+500.00	197,202	16,586	17,208
80+000.00	8,333	726	777	80+000.00	168,136	14,483	15,360
80+500.00	6,667	649	703	80+500.00	138,883	12,728	13,705
81+000.00	4,489	552	614	81+000.00	103,298	11,117	12,197
81+500.00	3,199	504	532	81+500.00	71,188	9,771	10,614
82+000.00	1,982	407	447	82+000.00	47,966	8,436	9,067
82+500.00	1,195	337	359	82+500.00	29,411	6,890	7,458
82+605.10	1,086	327	340	82+605.10	4,440	1,291	1,360
83+000.00	1,082	316	340	83+000.00	15,860	4,704	4,973
83+500.00	1,139	334	340	83+500.00	20,567	6,023	6,297
84+000.00	993	316	340	84+000.00	19,739	6,017	6,297
84+500.00	929	314	340	84+500.00	17,795	5,833	6,297
85+000.00	946	329	340	85+000.00	17,360	5,955	6,297
85+500.00	934	306	340	85+500.00	17,405	5,875	6,297
86+000.00	842	307	340	86+000.00	16,442	5,673	6,297
86+500.00	940	333	340	86+500.00	16,499	5,922	6,297
87+000.00	892	297	340	87+000.00	16,962	5,827	6,297
87+500.00	839	315	340	87+500.00	16,029	5,659	6,297
88+000.00	824	286	340	88+000.00	15,402	5,562	6,297
88+500.00	840	314	340	88+500.00	15,413	5,559	6,297
89+000.00	786	335	340	89+000.00	15,057	6,007	6,297
89+500.00	764	308	340	89+500.00	14,346	5,947	6,295
90+000.00	758	300	340	90+000.00	14,088	5,628	6,295
90+500.00	755	310	340	90+500.00	14,012	5,646	6,297
91+000.00	785	300	340	91+000.00	14,259	5,642	6,297
91+500.00	683	296	340	91+500.00	13,587	5,514	6,292
92+000.00	643	271	329	92+000.00	12,277	5,247	6,195
92+500.00	598	253	334	92+500.00	11,498	4,853	6,145
93+000.00	611	280	340	93+000.00	11,197	4,937	6,241
93+500.00	622	261	335	93+500.00	11,411	5,008	6,249
94+000.00	642	318	340	94+000.00	11,700	5,357	6,251
94+500.00	585	284	338	94+500.00	11,365	5,575	6,279
95+000.00	494	245	339	95+000.00	9,998	4,902	6,273
95+500.00	571	280	339	95+500.00	9,866	4,861	6,285
96+000.00	799	304	340	96+000.00	12,682	5,407	6,291
96+500.00	726	284	340	96+500.00	14,113	5,446	6,297
97+000.00	876	321	340	97+000.00	14,828	5,600	6,297
97+500.00	689	308	340	97+500.00	14,493	5,825	6,297
98+000.00	664	284	340	98+000.00	12,530	5,480	6,297
98+500.00	693	288	340	98+500.00	12,559	5,290	6,297
99+000.00	797	266	337	99+000.00	13,792	5,128	6,265

99+500.00	977	277	335	99+500.00	16,426	5,028	6,218
100+000.00	1,250	301	340	100+000.00	20,617	5,352	6,250
100+500.00	1,375	289	340	100+500.00	24,305	5,465	6,297
101+000.00	1,858	324	340	101+000.00	29,938	5,682	6,297
101+500.00	1,758	322	340	101+500.00	33,482	5,985	6,297
102+000.00	1,384	315	340	102+000.00	29,092	5,903	6,297
102+500.00	1,674	330	340	102+500.00	28,316	5,973	6,297
103+000.00	1,651	313	340	103+000.00	30,788	5,948	6,297
103+500.00	1,832	314	340	103+500.00	32,247	5,803	6,294
104+000.00	1,839	310	340	104+000.00	33,990	5,775	6,293
104+500.00	1,936	318	340	104+500.00	34,954	5,815	6,296
105+000.00	1,773	302	339	105+000.00	34,339	5,743	6,288
105+500.00	1,531	301	340	105+500.00	30,585	5,587	6,288
106+000.00	1,264	289	340	106+000.00	25,874	5,466	6,297
106+500.00	1,250	274	340	106+500.00	23,276	5,210	6,295
107+000.00	1,232	264	335	107+000.00	22,985	4,979	6,245
107+500.00	1,058	263	326	107+500.00	21,210	4,880	6,120
108+000.00	1,063	242	324	108+000.00	19,645	4,680	6,021
108+500.00	1,069	219	309	108+500.00	19,747	4,274	5,856
109+000.00	1,165	221	301	109+000.00	20,686	4,074	5,644
109+500.00	1,088	211	283	109+500.00	20,863	4,000	5,407
110+000.00	1,049	239	316	110+000.00	19,788	4,171	5,549
110+500.00	1,014	221	300	110+500.00	19,104	4,262	5,701
111+000.00	1,029	220	314	111+000.00	18,917	4,083	5,682
111+500.00	1,024	226	309	111+500.00	19,008	4,131	5,771
112+000.00	459	158	273	112+000.00	13,734	3,560	5,392
112+500.00	1,022	230	315	112+500.00	13,710	3,595	5,451
113+000.00	892	247	315	113+000.00	17,719	4,421	5,835
113+500.00	777	234	308	113+500.00	15,452	4,460	5,767
114+000.00	711	223	294	114+000.00	13,776	4,237	5,578
114+500.00	625	226	294	114+500.00	12,371	4,159	5,450
115+000.00	632	199	277	115+000.00	11,641	3,937	5,293
115+500.00	503	176	241	115+500.00	10,506	3,477	4,801
116+000.00	417	166	228	116+000.00	8,511	3,170	4,346
116+500.00	357	153	224	116+500.00	7,166	2,961	4,184
117+000.00	330	140	205	117+000.00	6,362	2,720	3,965
117+500.00	403	144	214	117+500.00	6,788	2,634	3,873
118+000.00	352	139	191	118+000.00	6,994	2,619	3,745
118+500.00	407	138	185	118+500.00	7,031	2,564	3,481
119+000.00	331	119	165	119+000.00	6,840	2,378	3,240
119+500.00	317	123	174	119+500.00	6,001	2,233	3,141
120+000.00	273	118	172	120+000.00	5,459	2,232	3,207
120+500.00	242	120	174	120+500.00	4,771	2,211	3,201
121+000.00	159	130	191	121+000.00	3,719	2,316	3,376
121+500.00	253	108	162	121+500.00	3,814	2,199	3,271
122+000.00	210	119	180	122+000.00	4,285	2,095	3,173
122+500.00	341	148	196	122+500.00	5,105	2,470	3,485

123+000.00	309	162	217	123+000.00	6,021	2,871	3,827
123+500.00	267	143	197	123+500.00	5,334	2,828	3,838
124+000.00	247	139	225	124+000.00	4,761	2,614	3,910
124+500.00	273	150	216	124+500.00	4,818	2,671	4,083
125+000.00	299	184	257	125+000.00	5,299	3,088	4,384
125+500.00	504	221	292	125+500.00	7,437	3,752	5,091
126+000.00	850	265	318	126+000.00	12,535	4,500	5,648
126+500.00	865	216	260	126+500.00	15,882	4,457	5,349
126+568.83	861	214	255	126+568.83	2,200	549	656
127+000.00	2,211	282	346	127+000.00	24,526	3,963	4,796
127+500.00	3,113	381	452	127+500.00	49,290	6,137	7,391
128+000.00	4,620	567	639	128+000.00	71,596	8,774	10,108
128+500.00	5,444	696	784	128+500.00	93,183	11,699	13,176
128+731.09	5,002	768	906	128+731.09	44,705	6,265	7,229
129+000.00	4,042	641	816	129+000.00	45,038	7,014	8,573
129+500.00	2,693	492	555	129+500.00	62,359	10,489	12,691
130+000.00	1,202	335	388	130+000.00	36,067	7,656	8,727
130+500.00	322	181	220	130+500.00	14,118	4,780	5,630
130+893.36	25	62	97	130+893.36	2,531	1,773	2,314
131+000.00	26	62	93	131+000.00	100	245	376
131+500.00	16	56	96	131+500.00	388	1,097	1,756
132+000.00	41	63	104	132+000.00	527	1,104	1,856
132+500.00	5	46	76	132+500.00	428	1,004	1,667
133+000.00	-	10	51	133+000.00	50	512	1,179
133+500.00	-	18	82	133+500.00	-	256	1,233
134+000.00	-	-	5	134+000.00	-	166	802
134+500.00	-	12	119	134+500.00	-	108	1,148
135+000.00	-	14	142	135+000.00	-	238	2,421
135+500.00	-	-	98	135+500.00	-	130	2,224
136+000.00	-	-	38	136+000.00	-	-	1,260
136+229.94	-	-	30	136+229.94	-	-	290
136+500.00	-	-	29	136+500.00	-	-	296
136+968.89	-	-	41	136+968.89	-	-	609
137+000.00	-	-	41	137+000.00	-	-	47
137+500.00	-	-	94	137+500.00	-	-	1,251
137+957.12	-	56	371	137+957.12	-	476	3,933
138+000.00	8	115	423	138+000.00	6	136	630
138+369.01	52	187	557	138+369.01	411	2,060	6,698
00+282.63	-	98	487	00+282.63	274	1,490	5,466
00+500.00	-	109	470	00+500.00	-	834	3,853
01+000.00	5	232	343	01+000.00	49	3,159	7,530
01+200.00	29	205	265	01+200.00	125	1,618	2,252
01+500.00	5	73	94	01+500.00	189	1,543	1,995
01+664.57	-	-	0	01+664.57	17	222	286
02+000.00	-	-	-	02+000.00	-	-	0
02+007.37	-	-	-	02+007.37	-	-	-
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Total	2,633,553	575,918	712,659
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Total NW	3,922,000
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CW1\_BR-RF\_700 (NED)

Phase	RQD	ADV	OD	Phase	RQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
74+119.99				74+119.99			
74+500.00	150	81	81	74+500.00	1,053	568	568
75+000.00	1,017	187	187	75+000.00	10,804	2,477	2,477
75+500.00	2,333	293	293	75+500.00	31,018	4,443	4,443
76+000.00	3,582	372	399	76+000.00	54,764	6,161	6,409
76+500.00	5,421	476	505	76+500.00	83,356	7,859	8,375
77+000.00	6,735	610	611	77+000.00	112,548	10,055	10,340
77+500.00	8,410	713	718	77+500.00	140,223	12,243	12,306
78+000.00	9,686	822	824	78+000.00	167,548	14,210	14,272
78+500.00	11,039	930	930	78+500.00	191,895	16,221	16,238
78+844.00	11,271	957	994	78+844.00	142,124	12,016	12,258
79+000.00	11,472	953	976	79+000.00	65,701	5,516	5,693
79+500.00	9,826	839	882	79+500.00	197,202	16,586	17,208
80+000.00	8,333	726	777	80+000.00	168,136	14,483	15,360
80+500.00	6,667	649	703	80+500.00	138,883	12,728	13,705
81+000.00	4,489	552	614	81+000.00	103,298	11,117	12,197
81+500.00	3,199	504	532	81+500.00	71,188	9,771	10,614
82+000.00	1,982	407	447	82+000.00	47,966	8,436	9,067
82+500.00	1,195	337	359	82+500.00	29,411	6,890	7,458
82+605.10	1,086	327	340	82+605.10	4,440	1,291	1,360
83+000.00	1,082	316	340	83+000.00	15,860	4,704	4,973
83+500.00	1,139	334	340	83+500.00	20,567	6,023	6,297
84+000.00	993	316	340	84+000.00	19,739	6,017	6,297
84+500.00	929	314	340	84+500.00	17,795	5,833	6,297
85+000.00	946	329	340	85+000.00	17,360	5,955	6,297
85+500.00	934	306	340	85+500.00	17,405	5,875	6,297
86+000.00	842	307	340	86+000.00	16,442	5,673	6,297
86+500.00	940	333	340	86+500.00	16,499	5,922	6,297
87+000.00	892	297	340	87+000.00	16,962	5,827	6,297
87+500.00	839	315	340	87+500.00	16,029	5,659	6,297
88+000.00	824	286	340	88+000.00	15,402	5,562	6,297
88+500.00	840	314	340	88+500.00	15,413	5,559	6,297
89+000.00	786	335	340	89+000.00	15,057	6,007	6,297
89+500.00	764	308	340	89+500.00	14,346	5,947	6,295
90+000.00	758	300	340	90+000.00	14,088	5,628	6,295
90+500.00	755	310	340	90+500.00	14,012	5,646	6,297
91+000.00	785	300	340	91+000.00	14,259	5,642	6,297
91+500.00	683	296	340	91+500.00	13,587	5,514	6,292
92+000.00	643	271	329	92+000.00	12,277	5,247	6,195
92+500.00	598	253	334	92+500.00	11,498	4,853	6,145
93+000.00	611	280	340	93+000.00	11,197	4,937	6,241
93+500.00	622	261	335	93+500.00	11,411	5,008	6,249
94+000.00	642	318	340	94+000.00	11,700	5,357	6,251

94+500.00	585	284	338	94+500.00	11,365	5,575	6,279
95+000.00	494	245	339	95+000.00	9,998	4,902	6,273
95+500.00	571	280	339	95+500.00	9,866	4,861	6,285
96+000.00	799	304	340	96+000.00	12,682	5,407	6,291
96+500.00	726	284	340	96+500.00	14,113	5,446	6,297
97+000.00	876	321	340	97+000.00	14,828	5,600	6,297
97+500.00	689	308	340	97+500.00	14,493	5,825	6,297
98+000.00	664	284	340	98+000.00	12,530	5,480	6,297
98+500.00	693	288	340	98+500.00	12,559	5,290	6,297
99+000.00	797	266	337	99+000.00	13,792	5,128	6,265
99+500.00	977	277	335	99+500.00	16,426	5,028	6,218
100+000.00	1,250	301	340	100+000.00	20,617	5,352	6,250
100+500.00	1,375	289	340	100+500.00	24,305	5,465	6,297
101+000.00	1,858	324	340	101+000.00	29,938	5,682	6,297
101+500.00	1,758	322	340	101+500.00	33,482	5,985	6,297
102+000.00	1,384	315	340	102+000.00	29,092	5,903	6,297
102+500.00	1,674	330	340	102+500.00	28,316	5,973	6,297
103+000.00	1,651	313	340	103+000.00	30,788	5,948	6,297
103+500.00	1,832	314	340	103+500.00	32,247	5,803	6,294
104+000.00	1,839	310	340	104+000.00	33,990	5,775	6,293
104+500.00	1,936	318	340	104+500.00	34,954	5,815	6,296
105+000.00	1,773	302	339	105+000.00	34,339	5,743	6,288
105+500.00	1,531	301	340	105+500.00	30,585	5,587	6,288
106+000.00	1,264	289	340	106+000.00	25,874	5,466	6,297
106+500.00	1,250	274	340	106+500.00	23,276	5,210	6,295
107+000.00	1,232	264	335	107+000.00	22,985	4,979	6,245
107+500.00	1,058	263	326	107+500.00	21,210	4,880	6,120
108+000.00	1,063	242	324	108+000.00	19,645	4,680	6,021
108+500.00	1,069	219	309	108+500.00	19,747	4,274	5,856
109+000.00	1,165	221	301	109+000.00	20,686	4,074	5,644
109+500.00	1,088	211	283	109+500.00	20,863	4,000	5,407
110+000.00	1,049	239	316	110+000.00	19,788	4,171	5,549
110+500.00	1,014	221	300	110+500.00	19,104	4,262	5,701
111+000.00	1,029	220	314	111+000.00	18,917	4,083	5,682
111+500.00	1,024	226	309	111+500.00	19,008	4,131	5,771
112+000.00	459	158	273	112+000.00	13,734	3,560	5,392
112+500.00	1,022	230	315	112+500.00	13,710	3,595	5,451
113+000.00	892	247	315	113+000.00	17,719	4,421	5,835
113+500.00	777	234	308	113+500.00	15,452	4,460	5,767
114+000.00	711	223	294	114+000.00	13,776	4,237	5,578
114+500.00	625	226	294	114+500.00	12,371	4,159	5,450
115+000.00	632	199	277	115+000.00	11,641	3,937	5,293
115+500.00	503	176	241	115+500.00	10,506	3,477	4,801
116+000.00	417	166	228	116+000.00	8,511	3,170	4,346
116+500.00	357	153	224	116+500.00	7,166	2,961	4,184
117+000.00	330	140	205	117+000.00	6,362	2,720	3,965
117+500.00	403	144	214	117+500.00	6,788	2,634	3,873

118+000.00	352	139	191	118+000.00	6,994	2,619	3,745
118+500.00	407	138	185	118+500.00	7,031	2,564	3,481
119+000.00	331	119	165	119+000.00	6,840	2,378	3,240
119+500.00	317	123	174	119+500.00	6,001	2,233	3,141
120+000.00	273	118	172	120+000.00	5,459	2,232	3,207
120+500.00	242	120	174	120+500.00	4,771	2,211	3,201
121+000.00	159	130	191	121+000.00	3,719	2,316	3,376
121+500.00	253	108	162	121+500.00	3,814	2,199	3,271
122+000.00	210	119	180	122+000.00	4,285	2,095	3,173
122+500.00	341	148	196	122+500.00	5,105	2,470	3,485
123+000.00	309	162	217	123+000.00	6,021	2,871	3,827
123+500.00	267	143	197	123+500.00	5,334	2,828	3,838
124+000.00	247	139	225	124+000.00	4,761	2,614	3,910
124+500.00	273	150	216	124+500.00	4,818	2,671	4,083
125+000.00	299	184	257	125+000.00	5,299	3,088	4,384
125+500.00	504	221	292	125+500.00	7,437	3,752	5,091
126+000.00	850	265	318	126+000.00	12,535	4,500	5,648
126+500.00	865	216	260	126+500.00	15,882	4,457	5,349
126+568.83	861	214	255	126+568.83	2,200	549	656
127+000.00	2,211	282	346	127+000.00	24,526	3,963	4,796
127+500.00	3,113	381	452	127+500.00	49,290	6,137	7,391
128+000.00	4,620	567	639	128+000.00	71,596	8,774	10,108
128+500.00	5,444	696	784	128+500.00	93,183	11,699	13,176
128+731.09	5,002	768	906	128+731.09	44,705	6,265	7,229
129+000.00	4,042	641	816	129+000.00	45,038	7,014	8,573
129+500.00	2,693	492	555	129+500.00	62,359	10,489	12,691
130+000.00	1,202	335	388	130+000.00	36,067	7,656	8,727
130+500.00	322	181	220	130+500.00	14,118	4,780	5,630
130+893.36	25	62	97	130+893.36	2,531	1,773	2,314
131+000.00	26	62	93	131+000.00	100	245	376
131+500.00	16	56	96	131+500.00	388	1,097	1,756
132+000.00	41	63	104	132+000.00	527	1,104	1,856
132+500.00	5	46	76	132+500.00	428	1,004	1,667
133+000.00	-	10	51	133+000.00	50	512	1,179
133+500.00	-	18	82	133+500.00	-	256	1,233
134+000.00	-	-	5	134+000.00	-	166	802
134+500.00	-	12	119	134+500.00	-	108	1,148
135+000.00	-	14	142	135+000.00	-	238	2,421
135+500.00	-	-	98	135+500.00	-	130	2,224
136+000.00	-	-	38	136+000.00	-	-	1,260
136+229.94	-	-	30	136+229.94	-	-	290
136+500.00	-	-	29	136+500.00	-	-	296
136+968.89	-	-	41	136+968.89	-	-	609
137+000.00	-	-	41	137+000.00	-	-	47
137+500.00	-	-	94	137+500.00	-	-	1,251
137+957.12	-	56	371	137+957.12	-	476	3,933
138+000.00	8	115	423	138+000.00	6	136	630



138+369.01	52	187	557	138+369.01	411	2,060	6,698
00+282.63	-	98	487	00+282.63	274	1,490	5,466
00+500.00	-	109	470	00+500.00	-	834	3,853
01+000.00	5	232	343	01+000.00	49	3,159	7,530
01+200.00	29	205	265	01+200.00	125	1,618	2,252
01+500.00	5	73	94	01+500.00	189	1,543	1,995
01+664.57	-	-	0	01+664.57	17	222	286
02+000.00	-	-	-	02+000.00	-	-	0
02+007.37	-	-	-	02+007.37	-	-	-
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				Total	3,568,886	662,171	800,344

**Total NW 5,031,000**

CW1_BSC-BCC_700													
Phase	RQD	RQD	ADV	ADV	OD	OD	Phase	RQD	RQD	ADV	ADV	OD	OD
Material	MAINT	NW	MAINT	NW	MAINT	NW	Material	MAINT	NW	MAINT	NW	MAINT	NW
Station	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3	yd3	yd3	yd3
-0+003.94		3,713	71	337	183	340	-0+003.94		-	-	-	-	-
0+500.00	52	3,275	109	324	249	340	0+500.00	485	65,212	1,678	6,164	4,029	6,346
1+000.00	125	3,974	193	340	391	340	1+000.00	1,643	67,120	2,799	6,146	5,921	6,297
1+500.00	249	4,480	238	340	423	340	1+500.00	3,467	78,285	3,992	6,297	7,532	6,297
2+000.00	430	4,777	216	340	407	340	2+000.00	6,289	85,719	4,205	6,297	7,683	6,297
2+500.00	241	4,832	232	340	402	340	2+500.00	6,212	88,972	4,148	6,297	7,495	6,297
3+000.00	155	3,657	263	340	449	340	3+000.00	3,664	78,600	4,579	6,297	7,886	6,297
3+500.00	175	3,729	270	340	421	340	3+500.00	3,058	68,392	4,931	6,297	8,053	6,297
3+899.98	147	4,405	270	340	426	340	3+899.98	2,389	60,248	3,997	5,037	6,273	5,037
3+900.00	147	4,404	270	340	426	340	3+900.00	0	3	0	0	0	0
3+900.01	147	4,404	270	340	426	340	3+900.01	0	2	0	0	0	0
4+000.00	133	4,542	260	340	443	340	4+000.00	519	16,567	981	1,259	1,609	1,259
4+099.98	117	4,612	249	340	441	340	4+099.98	464	16,949	942	1,259	1,637	1,259
4+100.00	117	4,611	249	340	441	340	4+100.00	0	3	0	0	0	0
4+100.01	117	4,611	249	340	441	340	4+100.01	-	2	0	0	0	0
4+500.00	272	4,382	241	340	445	340	4+500.00	2,885	66,617	3,629	5,037	6,566	5,037
5+000.00	224	3,935	265	340	471	340	5+000.00	4,601	77,015	4,684	6,297	8,489	6,297
5+500.00	116	4,035	253	340	479	340	5+500.00	3,153	73,802	4,797	6,297	8,799	6,297
6+000.00	181	4,597	275	340	506	340	6+000.00	2,752	79,923	4,894	6,297	9,119	6,297
6+500.00	267	4,296	259	340	491	340	6+500.00	4,153	82,336	4,944	6,297	9,232	6,297
7+000.00	322	4,752	287	340	460	340	7+000.00	5,453	83,779	5,055	6,297	8,808	6,297
7+500.00	270	4,605	274	340	486	340	7+500.00	5,479	86,642	5,194	6,297	8,760	6,297
8+000.00	144	4,234	257	340	482	340	8+000.00	3,839	81,846	4,917	6,297	8,961	6,297
8+500.00	191	4,615	260	340	472	340	8+500.00	3,107	81,942	4,789	6,297	8,830	6,297
9+000.00	273	4,519	301	340	504	340	9+000.00	4,296	84,573	5,196	6,297	9,038	6,297
9+500.00	189	4,619	295	340	445	340	9+500.00	4,274	84,612	5,524	6,297	8,794	6,297
10+000.00	117	4,255	273	340	471	340	10+000.00	2,836	82,168	5,264	6,297	8,485	6,297
10+500.00	144	4,285	251	340	438	340	10+500.00	2,419	79,069	4,857	6,297	8,421	6,297
11+000.00	149	4,533	236	340	420	340	11+000.00	2,710	81,650	4,509	6,297	7,951	6,297
11+500.00	137	4,431	242	340	438	340	11+500.00	2,645	83,002	4,426	6,297	7,948	6,297
12+000.00	175	4,516	291	340	453	340	12+000.00	2,887	82,841	4,940	6,297	8,255	6,297
12+500.00	161	4,379	295	340	452	340	12+500.00	3,112	82,365	5,428	6,297	8,388	6,297
13+000.00	146	4,056	313	340	479	340	13+000.00	2,846	78,106	5,630	6,297	8,622	6,297
13+500.00	92	4,088	277	340	446	340	13+500.00	2,206	75,405	5,460	6,297	8,561	6,297
14+000.00	141	3,489	282	340	414	340	14+000.00	2,160	70,153	5,172	6,297	7,958	6,297
14+500.00	176	4,216	251	340	386	340	14+500.00	2,943	71,339	4,933	6,297	7,404	6,297
15+000.00	251	4,330	233	340	388	340	15+000.00	3,958	79,130	4,484	6,297	7,165	6,297
15+500.00	102	3,963	216	340	393	340	15+500.00	3,268	76,792	4,165	6,297	7,225	6,297
16+000.00	52	3,843	201	340	380	340	16+000.00	1,426	72,276	3,861	6,297	7,155	6,297
16+500.00	48	3,925	201	340	359	340	16+500.00	929	71,918	3,720	6,297	6,845	6,297
17+000.00	28	3,925	185	340	368	340	17+000.00	701	72,685	3,576	6,297	6,737	6,297
17+500.00	8	4,124	184	340	367	340	17+500.00	331	74,528	3,416	6,297	6,806	6,297
18+000.00	35	3,313	203	340	378	340	18+000.00	396	68,857	3,587	6,297	6,894	6,297
18+500.00	35	4,128	186	340	369	340	18+500.00	641	68,894	3,603	6,297	6,919	6,297
19+000.00	75	4,330	256	340	448	340	19+000.00	1,011	78,315	4,089	6,297	7,571	6,297
19+500.00	130	4,012	310	340	462	340	19+500.00	1,897	77,239	5,243	6,297	8,431	6,297
20+000.00	196	4,354	336	340	471	340	20+000.00	3,020	77,454	5,982	6,297	8,637	6,297
20+500.00	111	3,827	261	340	439	340	20+500.00	2,846	75,747	5,529	6,297	8,418	6,297
21+000.00	32	3,913	213	340	400	340	21+000.00	1,330	71,669	4,395	6,297	7,764	6,297
21+500.00	26	3,883	185	340	413	340	21+500.00	535	72,185	3,688	6,293	7,524	6,297
22+000.00	28	4,074	187	340	407	340	22+000.00	499	73,671	3,444	6,290	7,590	6,297
22+500.00	41	3,522	169	340	371	340	22+500.00	639	70,326	3,293	6,294	7,208	6,297
23+000.00	81	3,528	239	340	406	340	23+000.00	1,125	65,271	3,772	6,297	7,198	6,297
23+500.00	100	3,464	244	340	394	340	23+500.00	1,671	64,737	4,467	6,297	7,406	6,297
24+000.00	209	3,114	156	283	317	331	24+000.00	2,857	60,907	3,706	5,771	6,585	6,215
24+052.37	281	2,911	174	267	311	279	24+052.37	475	5,843	321	534	610	591
24+052.38	281	2,910	174	267	311	279	24+052.38	0	1	0	0	0	0
24+052.40	281	2,910	174	267	311	279	24+052.40	0	2	0	0	0	0
24+500.00	493	1,542	273	340	440	340	24+500.00	6,415	36,903	3,706	5,033	6,226	5,128
25+000.00	609	1,708	376	340	525	340	25+000.00	10,199	30,094	6,013	6,296	8,940	6,297
25+500.00	641	1,846	393	340	541	340	25+500.00	11,570	32,911	7,123	6,297	9,878	6,297

26+000.00	528	1,858	341	340	497	340	26+000.00	10,825	34,299	6,799	6,297	9,616	6,297
26+153.63	509	1,796	243	288	437	340	26+153.63	2,950	10,395	1,664	1,787	2,659	1,935
26+156.06	508	1,806	243	286	436	340	26+156.06	46	162	22	26	39	31
26+500.00	355	3,209	169	265	243	380	26+500.00	5,495	31,944	2,620	3,509	4,325	4,589
27+000.00	150	5,560	128	570	276	572	27+000.00	4,680	81,195	2,749	7,734	4,810	8,821
27+416.64	81	8,579	142	687	301	687	27+416.64	1,788	109,087	2,082	9,697	4,453	9,715
27+416.67	81	8,579	142	687	301	687	27+416.67	0	10	0	1	0	1
27+500.00	80	9,282	141	709	307	710	27+500.00	249	27,563	436	2,153	938	2,155
28+000.00	182	11,845	244	847	393	847	28+000.00	2,426	195,618	3,566	14,407	6,478	14,418
28+500.00	424	14,576	246	985	397	985	28+500.00	5,609	244,637	4,536	16,965	7,312	16,966
28+604.06	498	15,066	263	994	334	1037	28+604.06	1,776	57,119	981	3,813	1,409	3,896
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							Total	192,530	4,565,636	257,128	385,958	443,273	389,354

**Total NW 5,341,000**

CW1_RF-BSC_700							
Phase	RQD	ADV	OD	Phase	RQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
28+604.06	15,066	994	1,037	28+604.06			
28+605.04	14,559	988	860	28+605.04	543	36	35
28+605.06	14,657	998	866	28+605.06	6	0	0
28+605.06	14,959	993	892	28+605.06	0	-	-
28+605.06	14,711	993	1,140	28+605.06	0	-	-
28+605.07	14,280	988	1,149	28+605.07	5	0	0
29+000.00	13,673	905	905	29+000.00	204,439	13,849	15,023
29+500.00	11,736	768	768	29+500.00	235,274	15,488	15,489
30+000.00	9,326	630	630	30+000.00	195,024	12,941	12,941
30+500.00	6,772	492	492	30+500.00	149,059	10,393	10,394
31+000.00	4,269	355	355	31+000.00	102,235	7,846	7,846
31+054.05	3,950	340	340	31+054.05	8,227	696	696
31+056.48	3,941	340	340	31+056.48	356	31	31
31+500.00	3,678	340	340	31+500.00	62,577	5,585	5,586
32+000.00	3,925	340	340	32+000.00	70,390	6,297	6,297
32+500.00	3,909	340	340	32+500.00	72,530	6,297	6,297
33+000.00	3,828	340	340	33+000.00	71,632	6,294	6,297
33+500.00	3,794	340	340	33+500.00	70,569	6,294	6,297
34+000.00	3,907	340	340	34+000.00	71,306	6,297	6,297
34+500.00	3,999	340	340	34+500.00	73,205	6,297	6,297
35+000.00	3,879	340	340	35+000.00	72,941	6,297	6,297
35+500.00	4,281	340	340	35+500.00	75,551	6,297	6,297
36+000.00	3,889	340	340	36+000.00	75,644	6,297	6,297
36+500.00	3,826	340	340	36+500.00	71,435	6,297	6,297
37+000.00	3,565	340	340	37+000.00	68,436	6,297	6,297
37+500.00	3,909	340	340	37+500.00	69,207	6,297	6,297
38+000.00	3,733	335	340	38+000.00	70,759	6,252	6,297
38+500.00	3,760	340	340	38+500.00	69,377	6,252	6,297
39+000.00	3,325	340	340	39+000.00	65,608	6,297	6,297
39+500.00	3,340	340	340	39+500.00	61,714	6,297	6,297
40+000.00	3,534	340	340	40+000.00	63,649	6,297	6,297
40+500.00	3,960	340	340	40+500.00	69,391	6,297	6,297
41+000.00	3,820	340	340	41+000.00	72,038	6,297	6,297
41+500.00	3,806	340	340	41+500.00	70,613	6,293	6,297
42+000.00	4,113	340	340	42+000.00	73,324	6,293	6,297
42+500.00	3,677	340	340	42+500.00	72,135	6,297	6,297
43+000.00	4,053	340	340	43+000.00	71,581	6,297	6,297
43+500.00	3,903	340	340	43+500.00	73,667	6,293	6,297
44+000.00	3,726	340	340	44+000.00	70,631	6,293	6,297
44+500.00	3,725	340	340	44+500.00	68,988	6,297	6,297
45+000.00	3,374	340	340	45+000.00	65,732	6,297	6,297
45+500.00	3,870	340	340	45+500.00	67,075	6,297	6,297
46+000.00	3,412	340	340	46+000.00	67,426	6,297	6,297

46+500.00	2,963	340	340	46+500.00	59,025	6,297	6,297
47+000.00	2,945	340	340	47+000.00	54,704	6,297	6,297
47+500.00	2,888	340	340	47+500.00	54,008	6,297	6,297
48+000.00	3,228	340	340	48+000.00	56,626	6,297	6,297
48+500.00	3,589	340	340	48+500.00	63,116	6,297	6,297
49+000.00	3,559	340	340	49+000.00	66,180	6,297	6,297
49+500.00	3,571	340	340	49+500.00	66,018	6,297	6,297
50+000.00	3,610	340	340	50+000.00	66,495	6,297	6,297
50+500.00	3,787	340	340	50+500.00	68,490	6,297	6,297
51+000.00	3,857	340	340	51+000.00	70,777	6,297	6,297
51+500.00	4,024	340	340	51+500.00	72,979	6,297	6,297
52+000.00	3,827	340	340	52+000.00	72,699	6,297	6,297
52+500.00	3,812	340	340	52+500.00	70,731	6,297	6,297
53+000.00	3,780	340	340	53+000.00	70,295	6,297	6,297
53+500.00	3,834	340	340	53+500.00	70,505	6,297	6,297
54+000.00	3,603	340	340	54+000.00	68,861	6,297	6,297
54+500.00	3,670	340	340	54+500.00	67,337	6,297	6,297
55+000.00	3,574	340	340	55+000.00	67,068	6,297	6,297
55+500.00	3,518	340	340	55+500.00	65,661	6,297	6,297
56+000.00	3,471	340	340	56+000.00	64,707	6,297	6,297
56+500.00	3,320	340	340	56+500.00	62,877	6,297	6,297
57+000.00	3,228	340	340	57+000.00	60,631	6,297	6,297
57+500.00	2,994	340	340	57+500.00	57,612	6,297	6,297
58+000.00	2,863	340	340	58+000.00	54,231	6,297	6,297
58+500.00	3,610	340	340	58+500.00	59,935	6,297	6,297
59+000.00	3,015	340	340	59+000.00	61,346	6,297	6,297
59+500.00	3,243	340	340	59+500.00	57,945	6,297	6,297
60+000.00	3,146	340	340	60+000.00	59,153	6,297	6,297
60+500.00	3,076	340	340	60+500.00	57,608	6,297	6,297
61+000.00	3,192	340	340	61+000.00	58,037	6,297	6,297
61+500.00	3,446	340	340	61+500.00	61,463	6,297	6,297
62+000.00	3,529	340	340	62+000.00	64,588	6,297	6,297
62+500.00	3,508	338	340	62+500.00	65,162	6,280	6,297
63+000.00	3,796	332	340	63+000.00	67,626	6,208	6,297
63+500.00	3,672	340	340	63+500.00	69,148	6,224	6,297
64+000.00	3,172	340	340	64+000.00	63,375	6,296	6,297
64+500.00	3,532	340	340	64+500.00	62,077	6,297	6,297
65+000.00	3,304	340	340	65+000.00	63,297	6,297	6,297
65+500.00	3,170	340	340	65+500.00	59,939	6,297	6,297
66+000.00	3,080	340	340	66+000.00	57,862	6,296	6,297
66+500.00	2,791	340	340	66+500.00	54,356	6,296	6,297
67+000.00	2,634	340	340	67+000.00	50,232	6,297	6,297
67+500.00	2,542	340	340	67+500.00	47,924	6,296	6,297
68+000.00	2,865	340	340	68+000.00	50,057	6,296	6,297
68+500.00	2,695	340	340	68+500.00	51,481	6,297	6,297
69+000.00	2,788	340	340	69+000.00	50,768	6,297	6,297
69+500.00	2,583	337	340	69+500.00	49,726	6,269	6,297

70+000.00	2,426	331	340	70+000.00	46,376	6,186	6,297
70+500.00	2,578	340	340	70+500.00	46,332	6,213	6,297
71+000.00	2,464	337	340	71+000.00	46,687	6,265	6,297
71+500.00	2,116	340	340	71+500.00	42,404	6,265	6,297
72+000.00	2,306	330	340	72+000.00	40,937	6,206	6,297
72+500.00	2,611	340	340	72+500.00	45,524	6,206	6,297
73+000.00	2,433	340	340	73+000.00	46,701	6,297	6,297
73+500.00	2,574	340	340	73+500.00	46,362	6,297	6,297
74+000.00	2,354	340	340	74+000.00	45,630	6,297	6,297
74+500.00	2,404	340	340	74+500.00	44,053	6,297	6,297
75+000.00	2,177	340	340	75+000.00	42,422	6,297	6,297
75+085.11	2,166	340	340	75+085.11	6,846	1,072	1,072
75+086.67	2,167	340	340	75+086.67	125	20	20
75+500.00	3,441	413	413	75+500.00	42,927	5,764	5,764
76+000.00	4,779	475	501	76+000.00	76,108	8,218	8,466
76+500.00	5,962	561	590	76+500.00	99,456	9,585	10,100
77+000.00	6,881	676	678	77+000.00	118,918	11,450	11,735
77+500.00	8,516	761	766	77+500.00	142,561	13,306	13,370
78+000.00	9,811	853	854	78+000.00	169,694	14,943	15,004
78+500.00	11,187	942	943	78+500.00	194,432	16,622	16,639
78+844.00	11,260	956	994	78+844.00	142,998	12,093	12,335
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				Total	7,376,524	706,980	710,373

**Total NW 8,794,000**

CW2\_BSC\_455

Phase	REQD	ADV	OD	Phase	REQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
25+58.69	4,515	209	210	25+58.69	-	-	
26+00.00	4,536	168	177	26+00.00	6,924	288	296
27+00.00	4,422	176	185	27+00.00	16,588	637	672
28+00.00	4,494	177	184	28+00.00	16,510	654	684
29+00.00	4,227	176	183	29+00.00	16,151	653	680
30+00.00	4,395	176	183	30+00.00	15,967	651	678
31+00.00	4,314	174	182	31+00.00	16,127	647	676
32+00.00	4,611	175	183	32+00.00	16,526	646	675
33+00.00	5,181	188	199	33+00.00	18,133	673	707
34+00.00	4,783	195	208	34+00.00	18,452	709	754
35+00.00	4,072	177	188	35+00.00	16,398	689	733
36+00.00	4,418	181	187	36+00.00	15,722	664	695
37+00.00	4,476	182	187	37+00.00	16,470	673	693
38+00.00	4,486	172	180	38+00.00	16,596	656	680
39+00.00	4,461	177	185	39+00.00	16,569	645	676
40+00.00	4,381	176	189	40+00.00	16,375	654	692
41+00.00	4,285	180	191	41+00.00	16,049	660	703
42+00.00	3,913	182	190	42+00.00	15,181	671	705
43+00.00	2,954	186	193	43+00.00	12,716	681	708
43+50.00	1,981	187	195	43+50.00	4,569	345	359
44+00.00	1,717	180	191	44+00.00	3,424	340	357
45+00.00	1,632	177	189	45+00.00	6,202	661	704
46+00.00	1,659	169	180	46+00.00	6,095	640	682
47+00.00	1,661	169	180	47+00.00	6,148	625	666
48+00.00	1,657	169	179	48+00.00	6,144	626	664
49+00.00	1,717	178	186	49+00.00	6,248	642	676
50+00.00	1,602	172	183	50+00.00	6,148	649	684
51+00.00	1,670	177	185	51+00.00	6,061	648	682
52+00.00	1,633	177	187	52+00.00	6,118	655	689
53+00.00	1,696	176	188	53+00.00	6,165	653	694
54+00.00	1,750	182	190	54+00.00	6,381	663	700
55+00.00	1,751	181	192	55+00.00	6,483	673	708
56+00.00	1,894	178	184	56+00.00	6,750	666	697
57+00.00	2,070	179	186	57+00.00	7,340	662	685
58+00.00	2,072	177	184	58+00.00	7,671	660	684
59+00.00	2,074	171	181	59+00.00	7,678	645	676
60+00.00	2,189	172	182	60+00.00	7,893	635	673
61+00.00	2,300	174	182	61+00.00	8,312	641	674
62+00.00	2,384	172	184	62+00.00	8,674	641	676
63+00.00	2,618	166	184	63+00.00	9,264	625	681
64+00.00	4,005	172	185	64+00.00	12,266	627	683
65+00.00	4,850	177	186	65+00.00	16,398	646	687
66+00.00	5,422	182	187	66+00.00	19,022	663	690

67+00.00	5,265	173	179	67+00.00	19,791	656	678
68+00.00	5,300	178	186	68+00.00	19,564	650	676
69+00.00	5,166	178	185	69+00.00	19,381	660	687
70+00.00	4,759	176	182	70+00.00	18,381	656	679
71+00.00	3,936	178	184	71+00.00	16,103	655	677
72+00.00	4,587	180	192	72+00.00	15,783	662	697
73+00.00	4,489	185	199	73+00.00	16,806	675	724
74+00.00	4,366	181	194	74+00.00	16,398	676	728
75+00.00	4,271	175	180	75+00.00	15,996	659	692
76+00.00	4,299	183	188	76+00.00	15,870	662	682
77+00.00	3,896	181	188	77+00.00	15,175	674	697
78+00.00	3,616	174	182	78+00.00	13,911	657	686
79+00.00	3,551	173	181	79+00.00	13,273	642	674
80+00.00	3,608	173	181	80+00.00	13,258	641	671
81+00.00	3,873	172	180	81+00.00	13,854	640	670
82+00.00	4,325	171	181	82+00.00	15,181	635	669
83+00.00	4,784	178	185	83+00.00	16,868	646	676
84+00.00	4,920	175	185	84+00.00	17,970	654	684
85+00.00	4,725	173	184	85+00.00	17,860	645	683
86+00.00	4,464	180	188	86+00.00	17,015	655	689
87+00.00	4,588	183	188	87+00.00	16,762	674	696
88+00.00	4,461	180	185	88+00.00	16,757	673	691
89+00.00	4,328	176	183	89+00.00	16,276	661	683
90+00.00	4,180	163	174	90+00.00	15,756	629	662
91+00.00	4,231	176	184	91+00.00	15,576	628	663
92+00.00	4,268	180	192	92+00.00	15,739	658	695
93+00.00	4,055	169	177	93+00.00	15,414	647	684
94+00.00	4,017	183	191	94+00.00	14,948	653	682
95+00.00	4,091	181	189	95+00.00	15,014	676	704
96+00.00	4,031	179	186	96+00.00	15,041	668	695
97+00.00	4,006	178	193	97+00.00	14,883	662	702
98+00.00	4,002	179	199	98+00.00	14,829	660	726
99+00.00	3,968	183	192	99+00.00	14,758	669	724
100+00.00	4,056	188	196	100+00.00	14,859	686	718
101+00.00	3,972	184	190	101+00.00	14,867	688	714
102+00.00	3,985	174	182	102+00.00	14,736	663	689
103+00.00	3,968	185	194	103+00.00	14,728	666	697
104+00.00	3,929	179	190	104+00.00	14,623	676	711
105+00.00	3,795	177	185	105+00.00	14,304	660	694
106+00.00	3,790	184	190	106+00.00	14,047	667	694
107+00.00	3,829	185	192	107+00.00	14,110	682	708
108+00.00	3,858	187	192	108+00.00	14,235	688	712
109+00.00	3,844	182	189	109+00.00	14,263	684	707
110+00.00	3,997	187	191	110+00.00	14,520	685	705
111+00.00	4,040	187	192	111+00.00	14,883	693	709
112+00.00	3,798	181	187	112+00.00	14,515	681	702
113+00.00	3,512	182	190	113+00.00	13,538	672	698



114+00.00	3,669	182	190	114+00.00	13,298	674	703
115+00.00	3,619	180	189	115+00.00	13,496	671	702
116+00.00	3,347	172	183	116+00.00	12,900	653	688
117+00.00	3,281	171	177	117+00.00	12,273	635	666
118+00.00	3,190	164	175	118+00.00	11,982	620	651
119+00.00	3,198	163	168	119+00.00	11,830	605	635
120+00.00	3,099	161	170	120+00.00	11,662	599	625
121+00.00	3,018	154	161	121+00.00	11,328	583	612
122+00.00	2,900	153	163	122+00.00	10,959	568	601
123+00.00	2,741	148	154	123+00.00	10,445	557	588
124+00.00	2,572	143	149	124+00.00	9,838	539	561
125+00.00	2,528	138	147	125+00.00	9,444	520	547
126+00.00	2,404	125	133	126+00.00	9,133	487	518
127+00.00	2,179	117	127	127+00.00	8,486	449	483
128+00.00	2,284	111	116	128+00.00	8,263	423	451
129+00.00	1,835	94	101	129+00.00	7,628	380	403
130+00.00	2,015	106	113	130+00.00	7,130	370	397
131+00.00	1,839	95	99	131+00.00	7,136	372	394
132+00.00	1,857	89	94	132+00.00	6,844	340	358
133+00.00	1,634	88	93	133+00.00	6,464	327	347
134+00.00	1,639	86	95	134+00.00	6,061	323	349
135+00.00	1,393	81	91	135+00.00	5,615	310	344
136+00.00	1,539	81	89	136+00.00	5,430	300	333
137+00.00	1,302	86	94	137+00.00	5,262	309	339
138+00.00	1,529	81	88	138+00.00	5,243	310	338
139+00.00	1,493	81	88	139+00.00	5,596	301	326
140+00.00	1,528	81	87	140+00.00	5,595	300	324
141+00.00	1,518	82	91	141+00.00	5,641	303	330
142+00.00	1,544	82	89	142+00.00	5,669	305	333
143+00.00	1,549	83	90	143+00.00	5,726	305	331
144+00.00	1,459	75	83	144+00.00	5,570	292	320
145+00.00	1,392	80	94	145+00.00	5,280	287	328
146+00.00	1,416	88	100	146+00.00	5,200	311	360
147+00.00	1,588	91	97	147+00.00	5,562	332	365
148+00.00	1,543	78	96	148+00.00	5,798	312	357
149+00.00	1,530	85	90	149+00.00	5,691	301	343
150+00.00	1,520	81	100	150+00.00	5,648	307	351
151+00.00	1,613	85	105	151+00.00	5,803	307	379
152+00.00	1,489	83	103	152+00.00	5,746	310	384
153+00.00	1,468	88	99	153+00.00	5,476	316	374
154+00.00	1,505	84	101	154+00.00	5,506	319	371
155+00.00	1,399	73	98	155+00.00	5,379	292	369
156+00.00	1,360	69	96	156+00.00	5,109	263	359
157+00.00	1,361	73	90	157+00.00	5,039	262	345
158+00.00	1,440	74	95	158+00.00	5,187	272	344
159+00.00	1,522	65	91	159+00.00	5,485	258	345
160+00.00	1,599	83	100	160+00.00	5,779	275	353

161+00.00	1,543	86	102	161+00.00	5,817	313	374
162+00.00	1,600	89	105	162+00.00	5,821	325	383
163+00.00	1,526	88	101	163+00.00	5,789	329	381
164+00.00	1,562	87	101	164+00.00	5,719	325	373
165+00.00	1,526	87	104	165+00.00	5,719	323	379
166+00.00	1,502	86	99	166+00.00	5,608	321	377
167+00.00	1,571	86	98	167+00.00	5,692	318	366
168+00.00	1,518	85	96	168+00.00	5,721	316	360
169+00.00	1,534	79	93	169+00.00	5,652	304	350
170+00.00	1,491	77	99	170+00.00	5,603	289	355
171+00.00	1,546	84	100	171+00.00	5,625	298	369
172+00.00	1,610	88	109	172+00.00	5,845	319	387
173+00.00	1,620	80	99	173+00.00	5,982	311	385
174+00.00	1,618	83	104	174+00.00	5,996	301	375
175+00.00	1,677	82	91	175+00.00	6,101	305	362
176+00.00	1,673	87	94	176+00.00	6,204	313	343
177+00.00	1,547	91	97	177+00.00	5,964	331	353
178+00.00	1,601	91	97	178+00.00	5,830	339	360
179+00.00	1,381	87	93	179+00.00	5,521	330	352
180+00.00	1,487	109	110	180+00.00	5,311	364	376
181+00.00	1,559	109	110	181+00.00	5,641	405	408
182+00.00	1,561	109	110	182+00.00	5,778	405	408
183+00.00	1,497	109	110	183+00.00	5,664	405	408
184+00.00	1,576	109	110	184+00.00	5,691	405	408
185+00.00	1,610	109	110	185+00.00	5,899	405	408
186+00.00	1,604	109	110	186+00.00	5,951	405	408
187+00.00	1,579	109	110	187+00.00	5,895	405	408
188+00.00	1,590	99	110	188+00.00	5,869	386	408
189+00.00	1,516	103	110	189+00.00	5,751	373	408
190+00.00	1,565	94	110	190+00.00	5,705	364	408
191+00.00	1,493	98	110	191+00.00	5,664	356	408
192+00.00	1,537	102	110	192+00.00	5,611	370	408
193+00.00	1,585	101	110	193+00.00	5,781	375	408
194+00.00	1,522	103	110	194+00.00	5,754	379	408
195+00.00	1,512	103	110	195+00.00	5,618	383	408
196+00.00	1,561	95	110	196+00.00	5,691	367	408
197+00.00	1,543	108	110	197+00.00	5,748	376	407
198+00.00	1,522	109	110	198+00.00	5,675	403	408
199+00.00	1,519	95	110	199+00.00	5,632	377	408
200+00.00	1,538	109	110	200+00.00	5,663	377	408
201+00.00	1,467	104	110	201+00.00	5,566	394	407
202+00.00	1,451	109	110	202+00.00	5,405	396	408
203+00.00	1,597	109	110	203+00.00	5,644	405	408
203+66.28	1,579	109	110	203+66.28	3,897	269	270
204+00.00	1,572	109	110	204+00.00	1,968	137	137
205+00.00	1,568	109	110	205+00.00	5,816	405	407
206+00.00	1,463	109	110	206+00.00	5,614	405	408

207+00.00	1,530	109	110	207+00.00	5,543	405	407
208+00.00	1,446	109	110	208+00.00	5,512	405	408
209+00.00	1,409	109	110	209+00.00	5,288	405	408
210+00.00	1,451	109	110	210+00.00	5,296	405	407
211+00.00	1,422	109	110	211+00.00	5,320	405	407
212+00.00	1,453	109	110	212+00.00	5,324	405	407
213+00.00	1,479	109	110	213+00.00	5,429	405	408
214+00.00	1,534	109	110	214+00.00	5,579	405	408
215+00.00	1,510	109	110	215+00.00	5,638	405	407
216+00.00	1,464	109	110	216+00.00	5,508	405	408
217+00.00	1,499	109	110	217+00.00	5,487	405	407
218+00.00	1,559	109	110	218+00.00	5,662	405	408
219+00.00	1,494	109	110	219+00.00	5,652	405	407
220+00.00	1,368	111	111	220+00.00	5,299	408	410
221+00.00	1,469	115	115	221+00.00	5,253	417	419
222+00.00	777	58	59	222+00.00	4,158	320	322
222+75.87	27	-	0	222+75.87	1,129	82	83
223+00.00	-	-	-	223+00.00	12	-	-
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				TOTALS	1,904,153	99,083	105,261

**NW TOTAL 2,108,000**

CW3\_BCC\_455

Phase	REQD	ADV	OD	Phase	REQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQFT	SQ FT	SQ FT	Station	yd3	yd3	yd3
24+68.65	-			24+68.65	-		
24+68.65	-			24+68.65	-		
25+00.00	-		3	25+00.00	-		2
26+00.00	227	22	28	26+00.00	421	41	57
27+00.00	1,017	62	75	27+00.00	2,304	155	192
28+00.00	1,918	94	102	28+00.00	5,435	287	328
29+00.00	2,573	132	138	29+00.00	8,316	418	444
30+00.00	3,497	166	172	30+00.00	11,240	552	573
30+83.64	4,651	203	206	30+83.64	12,620	571	585
31+00.00	5,018	206	210	31+00.00	2,930	124	126
32+00.00	7,199	237	242	32+00.00	22,624	820	838
33+00.00	9,336	286	291	33+00.00	30,620	967	986
33+05.09	9,443	287	292	33+05.09	1,768	54	55
34+00.00	10,171	291	296	34+00.00	34,475	1,016	1,033
35+00.00	9,980	287	292	35+00.00	37,317	1,070	1,088
36+00.00	9,941	289	294	36+00.00	36,891	1,067	1,086
37+00.00	9,903	286	291	37+00.00	36,749	1,065	1,085
38+00.00	9,661	284	289	38+00.00	36,230	1,056	1,074
39+00.00	9,267	284	289	39+00.00	35,052	1,053	1,069
40+00.00	8,990	283	291	40+00.00	33,809	1,050	1,074
41+00.00	9,063	286	291	41+00.00	33,431	1,053	1,079
42+00.00	9,106	297	310	42+00.00	33,646	1,080	1,114
43+00.00	8,613	295	310	43+00.00	32,813	1,095	1,148
44+00.00	8,402	280	285	44+00.00	31,509	1,064	1,102
45+00.00	8,308	279	285	45+00.00	30,943	1,035	1,055
46+00.00	8,096	283	288	46+00.00	30,377	1,041	1,061
47+00.00	7,847	286	305	47+00.00	29,524	1,054	1,099
48+00.00	7,710	286	305	48+00.00	28,809	1,060	1,130
49+00.00	7,647	280	305	49+00.00	28,439	1,048	1,129
50+00.00	7,552	280	299	50+00.00	28,145	1,036	1,119
51+00.00	7,542	278	299	51+00.00	27,951	1,033	1,108
52+00.00	7,549	285	301	52+00.00	27,946	1,043	1,112
53+00.00	7,938	288	301	53+00.00	28,679	1,062	1,114
54+00.00	7,988	290	301	54+00.00	29,492	1,071	1,114
55+00.00	8,114	290	298	55+00.00	29,820	1,075	1,110
56+00.00	8,060	289	299	56+00.00	29,953	1,073	1,107
57+00.00	8,047	289	298	57+00.00	29,829	1,071	1,106
58+00.00	8,187	284	298	58+00.00	30,063	1,062	1,105
59+00.00	7,993	289	297	59+00.00	29,962	1,061	1,102
60+00.00	7,612	287	302	60+00.00	28,898	1,067	1,108
61+00.00	7,793	283	292	61+00.00	28,527	1,056	1,100
62+00.00	7,694	284	293	62+00.00	28,680	1,049	1,083
63+00.00	7,787	276	286	63+00.00	28,669	1,037	1,072
64+00.00	7,839	282	285	64+00.00	28,937	1,033	1,058
65+00.00	7,631	277	285	65+00.00	28,648	1,035	1,056
65+42.54	6,498	277	285	65+42.54	11,130	437	449
66+00.00	4,265	174	189	66+00.00	11,455	481	504
67+00.00	-	-	2	67+00.00	7,899	323	353
67+10.85	-	-	-	67+10.85	-	-	0
68+00.00	-	-	0	68+00.00	-	-	-
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				TOTALS	1,122,969	39,001	40,488

**TOTAL NW 1,202,000**

CW4_BB-GB_530							
Phase	REQD	ADV	OD	Phase	REQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
676+53.13				676+53.13			
676+53.13	14	0	0	676+53.13	-	-	-
678+91.52	930	91	46	678+91.52	4,168	404	202
680+00.00	1,521	171	85	680+00.00	4,922	527	263
681+24.00	2,269	262	131	681+24.00	8,701	993	496
681+27.98	2,291	264	132	681+27.98	336	39	19
684+03.19	4,329	461	231	684+03.19	33,741	3,699	1,850
684+03.20	4,317	460	230	684+03.20	2	0	0
685+00.00	4,715	460	230	685+00.00	16,191	1,649	825
690+00.00	5,460	460	230	690+00.00	94,211	8,519	4,259
695+00.00	4,701	460	230	695+00.00	94,076	8,519	4,259
700+00.00	4,537	460	230	700+00.00	85,531	8,519	4,259
705+00.00	5,454	460	230	705+00.00	92,507	8,519	4,259
710+00.00	2,681	460	230	710+00.00	75,320	8,519	4,259
715+00.00	2,246	444	230	715+00.00	45,620	8,373	4,259
720+00.00	3,606	459	230	720+00.00	54,186	8,361	4,259
725+00.00	7,445	460	230	725+00.00	102,320	8,507	4,259
727+96.01	6,191	461	231	727+96.01	74,745	5,049	2,525
730+00.00	6,029	461	230	730+00.00	44,486	3,431	1,715
735+00.00	6,406	452	230	735+00.00	109,766	8,283	4,180
740+00.00	6,807	357	182	740+00.00	115,820	7,248	3,696
745+00.00	7,344	357	180	745+00.00	123,922	6,325	3,212
750+00.00	7,194	343	171	750+00.00	127,328	6,201	3,117
753+98.40	5,245	325	185	753+98.40	86,954	4,718	2,536
755+00.00	5,390	374	228	755+00.00	19,112	1,275	762
760+00.00	5,083	461	230	760+00.00	93,068	7,608	4,198
765+00.00	2,450	461	231	765+00.00	67,405	8,500	4,250
770+00.00	2,790	467	233	770+00.00	47,403	8,649	4,325
775+00.00	4,832	463	232	775+00.00	69,564	8,473	4,236
780+00.00	1,496	453	230	780+00.00	55,840	8,131	4,099
785+00.00	1,343	452	232	785+00.00	25,808	8,045	4,113
790+00.00	3,862	463	232	790+00.00	49,578	8,286	4,200
795+00.00	5,357	434	217	795+00.00	88,655	8,296	4,148
800+00.00	5,500	381	191	800+00.00	105,006	7,668	3,834
805+00.00	1,373	307	153	805+00.00	66,579	6,552	3,277
810+00.00	221	215	114	810+00.00	15,404	4,996	2,559
815+00.00	27	61	53	815+00.00	2,390	2,645	1,600
820+00.00	-	17	10	820+00.00	263	752	606
823+35.36	0	0	0	823+35.36	0	112	65
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				TOTALS	2,100,925	206,384	104,979

**TOTAL NW 2,412,000**

CD4_ WHOLE							
Phase	REQD	ADV	OD	Phase	REQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
676+53.13	-	-	-	676+53.13	-	-	-
678+91.52	-	-	-	678+91.52	-	-	-
680+00.00	-	-	-	680+00.00	-	-	-
681+24.00	-	-	-	681+24.00	-	-	-
681+27.98	-	-	-	681+27.98	-	-	-
684+03.19	-	-	-	684+03.19	-	-	-
684+03.20	51	322	241	684+03.20	-	-	-
685+00.00	104	391	262	685+00.00	279	1,277	900
690+00.00	189	506	300	690+00.00	2,715	8,305	5,200
695+00.00	149	441	299	695+00.00	3,130	8,773	5,549
700+00.00	131	319	275	700+00.00	2,587	7,039	5,315
705+00.00	136	262	217	705+00.00	2,470	5,379	4,552
710+00.00	133	230	242	710+00.00	2,493	4,555	4,252
715+00.00	20	212	203	715+00.00	1,415	4,093	4,118
720+00.00	77	280	215	720+00.00	897	4,562	3,864
725+00.00	142	325	212	725+00.00	2,029	5,607	3,949
727+96.01	222	372	232	727+96.01	1,995	3,822	2,434
730+00.00	219	386	253	730+00.00	1,646	2,859	1,832
735+00.00	307	335	183	735+00.00	4,789	6,630	4,018
740+00.00	368	427	262	740+00.00	6,151	6,982	4,097
745+00.00	724	524	295	745+00.00	9,925	8,756	5,151
750+00.00	566	480	271	750+00.00	11,670	9,261	5,232
753+98.40	674	412	262	753+98.40	8,903	6,540	3,917
755+00.00	460	418	294	755+00.00	2,084	1,550	1,044
760+00.00	255	496	299	760+00.00	6,523	8,427	5,488
765+00.00	263	476	299	765+00.00	4,805	8,998	5,539
770+00.00	282	487	300	770+00.00	5,081	8,928	5,550
775+00.00	196	351	292	775+00.00	4,445	7,764	5,477
780+00.00	227	249	214	780+00.00	3,999	5,594	4,684
785+00.00	275	241	221	785+00.00	4,746	4,598	4,038
790+00.00	403	317	255	790+00.00	6,428	5,216	4,418
795+00.00	323	247	189	795+00.00	6,896	5,258	4,119
800+00.00	43	187	134	800+00.00	3,473	4,025	2,997
805+00.00	74	181	134	805+00.00	1,071	3,375	2,476
810+00.00	191	224	174	810+00.00	2,397	3,696	2,833
815+00.00	222	241	160	815+00.00	3,743	4,243	3,062
820+00.00	215	254	233	820+00.00	3,960	4,519	3,616
823+35.36	219	279	210	823+35.36	2,640	3,276	2,741
825+00.00	246	273	217	825+00.00	1,390	1,671	1,296
830+00.00	259	435	248	830+00.00	4,077	6,985	4,427
833+05.17	237	446	256	833+05.17	2,806	4,979	2,848
835+00.00	256	457	267	835+00.00	1,776	3,257	1,884
839+54.93	252	403	300	839+54.93	4,278	7,248	4,773

840+00.00	310	388	299	840+00.00	477	661	500
845+00.00	251	427	253	845+00.00	5,254	7,551	5,113
847+11.88	264	368	235	847+11.88	2,024	3,121	1,917
850+00.00	220	432	260	850+00.00	2,585	4,269	2,642
851+21.65	240	427	249	851+21.65	1,037	1,935	1,147
855+00.00	271	445	256	855+00.00	3,611	6,122	3,542
860+00.00	211	422	261	860+00.00	4,467	8,037	4,791
865+00.00	238	333	232	865+00.00	4,110	6,975	4,559
870+00.00	228	323	244	870+00.00	4,258	6,038	4,403
875+00.00	222	361	265	875+00.00	4,108	6,296	4,711
880+00.00	146	344	255	880+00.00	3,361	6,503	4,811
885+00.00	243	414	261	885+00.00	3,577	7,012	4,773
886+19.11	215	404	263	886+19.11	1,005	1,806	1,156
889+66.20	213	379	256	889+66.20	2,752	5,038	3,340
890+00.00	297	390	246	890+00.00	322	482	314
893+34.90	212	354	259	893+34.90	3,185	4,617	3,131
893+35.10	111	314	239	893+35.10	1	3	2
895+00.00	182	314	237	895+00.00	899	1,913	1,452
896+61.27	125	321	232	896+61.27	916	1,893	1,399
897+33.33	148	340	229	897+33.33	364	882	615
899+34.90	98	336	237	899+34.90	929	2,529	1,743
899+35.10	130	377	257	899+35.10	1	3	2
900+00.00	240	376	259	900+00.00	445	905	620
905+00.00	210	291	222	905+00.00	4,119	6,153	4,454
910+00.00	314	302	175	910+00.00	4,744	5,429	3,654
911+50.00	353	341	178	911+50.00	1,818	1,765	970
915+00.00	383	719	613	915+00.00	4,695	6,973	5,238
918+02.68	1,214	1,699	975	918+02.68	9,397	14,320	9,349
920+00.00	1,139	1,710	946	920+00.00	9,178	13,269	7,445
920+36.76	1,159	1,699	941	920+36.76	1,664	2,462	1,359
925+00.00	667	642	329	925+00.00	16,234	20,969	11,368
925+25.00	599	576	300	925+25.00	579	564	292
930+00.00	469	508	300	930+00.00	9,253	9,524	5,277
930+12.50	0	-	-	930+12.50	107	117	69
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				TOTALS	251,186	364,182	243,846

**TOTAL NW 860,000**

CD5_WHOLE							
Phase	REQD	ADV	OD	Phase	REQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
1110+77.54	140	312		1110+77.54		-	
1110+77.55	140	312	216	1110+77.55	0	0	0
1111+70.15	224	381	242	1111+70.15	625	1,189	787
1115+00.00	375	428	253	1115+00.00	3,659	4,953	3,031
1120+00.00	385	382	261	1120+00.00	6,961	7,509	4,768
1125+00.00	428	317	220	1125+00.00	7,268	6,436	4,449
1130+00.00	325	328	194	1130+00.00	6,672	5,890	3,802
1135+00.00	346	342	213	1135+00.00	5,930	6,095	3,727
1140+00.00	545	387	241	1140+00.00	7,884	6,660	4,182
1145+00.00	471	396	246	1145+00.00	9,135	7,199	4,500
1145+37.97	487	397	246	1145+37.97	665	555	345
1150+00.00	437	406	286	1150+00.00	7,873	6,851	4,551
1152+19.02	259	423	274	1152+19.02	2,824	3,354	2,274
1155+00.00	98	355	238	1155+00.00	1,858	4,048	2,669
1160+00.00	120	353	251	1160+00.00	2,021	6,552	4,530
1160+62.20	158	387	269	1160+62.20	320	852	599
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				TOTALS	63,694	68,143	44,211

**TOTAL NW 176,000**



CD6_WHOLE							
Phase	REQD	ADV	OD	Phase	REQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
1160+62.20	158	387	269	1160+62.20			
1161+94.48	218	454	299	1161+94.48	922	2,059	1,391
1165+00.00	355	409	294	1165+00.00	3,261	4,892	3,356
1170+00.00	351	343	239	1170+00.00	6,659	6,959	4,929
1175+00.00	310	528	300	1175+00.00	6,288	8,045	4,982
1180+00.00	272	543	300	1180+00.00	5,439	9,910	5,556
1185+00.00	187	390	298	1185+00.00	4,227	8,606	5,541
1190+00.00	48	161	151	1190+00.00	2,142	5,027	4,145
1195+00.00	730	666	398	1195+00.00	8,451	8,441	5,512
1196+58.44	298	541	425	1196+58.44	3,586	4,049	2,714
1200+00.00	56	124	119	1200+00.00	2,632	4,766	3,804
1201+00.00	12	151	181	1201+00.00	134	512	558
1205+00.00	264	530	300	1205+00.00	2,075	5,023	3,549
1210+00.00	255	596	300	1210+00.00	4,870	10,427	5,556
1212+07.70	225	588	300	1212+07.70	1,870	4,556	2,308
1215+00.00	309	600	300	1215+00.00	2,877	6,430	3,248
1220+00.00	338	600	300	1220+00.00	5,958	11,111	5,556
1220+80.47	354	600	300	1220+80.47	1,023	1,788	894
1225+00.00	329	600	300	1225+00.00	5,307	9,323	4,661
1230+00.00	325	600	300	1230+00.00	6,058	11,111	5,556
1235+00.00	361	600	300	1235+00.00	6,354	11,111	5,556
1235+83.53	367	600	300	1235+83.53	1,126	1,856	928
1240+00.00	442	600	300	1240+00.00	6,203	9,255	4,627
1245+00.00	368	600	300	1245+00.00	7,470	11,111	5,556
1249+37.33	339	600	300	1249+37.33	5,729	9,719	4,859
1250+00.00	348	600	300	1250+00.00	798	1,393	696
1255+00.00	381	600	300	1255+00.00	6,744	11,111	5,556
1260+00.00	322	576	288	1260+00.00	6,510	10,893	5,447
1265+00.00	377	518	259	1265+00.00	6,478	10,129	5,065
1266+48.72	326	502	251	1266+48.72	1,936	2,807	1,403
1266+48.72	309	504	252	1266+48.72	-	-	-
00+00.01	309	504	252	00+00.01	0	0	0
02+00.00	301	500	250	02+00.00	2,260	3,720	1,860
04+00.00	275	500	250	04+00.00	2,136	3,704	1,852
06+00.00	288	500	250	06+00.00	2,087	3,704	1,852
08+00.00	306	500	250	08+00.00	2,201	3,704	1,852
10+00.00	299	500	250	10+00.00	2,242	3,704	1,852
12+00.00	283	500	250	12+00.00	2,155	3,704	1,852
14+00.00	274	500	250	14+00.00	2,060	3,704	1,852
14+32.07	265	500	250	14+32.07	320	594	297
16+00.00	467	852	426	16+00.00	2,275	4,204	2,102
18+00.00	692	1,271	635	18+00.00	4,293	7,862	3,931
20+00.00	940	1,690	845	20+00.00	6,044	10,966	5,483

20+26.65	896	1,746	873	20+26.65	906	1,696	848
22+00.00	1,041	2,109	1,054	22+00.00	6,216	12,374	6,187
22+96.50	1,088	2,311	1,156	22+96.50	3,804	7,898	3,949
22+96.60	1,168	2,311	1,156	22+96.60	4	9	4
24+00.00	903	2,133	1,066	24+00.00	3,966	8,510	4,255
24+88.60	741	1,978	990	24+88.60	2,697	6,745	3,374
24+88.81	741	1,977	990	24+88.81	9,397	25,084	12,558
26+00.00	593	1,609	826	26+00.00	2,747	7,384	3,738
28+00.00	305	1,048	530	28+00.00	3,327	9,842	5,020
29+68.41	173	556	281	29+68.41	1,491	5,002	2,529
30+00.00	252	422	211	30+00.00	249	572	288
30+95.04	11	0	0	30+95.04	463	743	371
30+95.06	-	-	-	30+95.06	-	-	-
	-	-	-	-----	-	-	-
	-	-	-	TOTALS	186,467	337,845	181,411

**TOTAL NW 706,000**

BETB3 BCCLARE_1800NW																				
Phase	46.5 MLLW	47.5 MLLW	48.5 MLLW	49.5 MLLW	50.5 MLLW	51.5 MLLW	52.5 MLLW	53.5 MLLW	55.5 MLLW	Phase	46.5 MLLW	47.5 MLLW	48.5 MLLW	49.5 MLLW	50.5 MLLW	51.5 MLLW	52.5 MLLW	53.5 MLLW	55.5 MLLW	
Material Station	NW SQ FT	NW SQ FT	NW SQ FT	NW SQ FT	NW SQ FT	NW SQ FT	NW SQ FT	NW SQ FT	NW SQ FT	Material Station	NW yd3	NW yd3	NW yd3	NW yd3	NW yd3	NW yd3	NW yd3	NW yd3	NW yd3	
08+77.69	170	225	305	341	398	455	523	612	1,437	08+77.69	-	-	-	-	-	-	-	-	-	-
09+00.00	478	319	375	417	458	516	578	647	1,447	09+00.00	268	225	281	313	354	401	455	520	1,192	
10+00.00	8,321	588	600	609	611	621	660	776	1,700	10+00.00	16,295	1,678	1,807	1,899	1,980	2,105	2,292	2,636	5,827	
11+00.00	16,992	565	567	570	575	603	762	821	1,841	11+00.00	46,876	2,135	2,162	2,183	2,196	2,265	2,632	2,957	6,557	
12+00.00	19,663	533	536	538	540	609	781	844	1,936	12+00.00	67,880	2,035	2,042	2,052	2,064	2,244	2,857	3,083	6,995	
13+00.00	18,584	498	500	502	504	576	902	1,100	2,324	13+00.00	70,828	1,910	1,917	1,925	1,933	2,195	3,116	3,600	7,888	
14+00.00	19,515	516	517	519	552	688	1,057	1,335	2,790	14+00.00	70,554	1,878	1,883	1,890	1,956	2,342	3,628	4,508	9,470	
15+00.00	17,919	488	489	492	534	695	1,197	1,529	3,213	15+00.00	69,323	1,860	1,864	1,872	2,012	2,561	4,175	5,304	11,118	
16+00.00	16,454	455	457	458	539	871	1,321	1,545	3,221	16+00.00	63,653	1,748	1,752	1,759	1,987	2,900	4,663	5,692	11,915	
16+68.05	17,012	431	431	442	522	891	1,355	1,484	3,023	16+68.05	42,174	1,117	1,119	1,134	1,337	2,221	3,372	3,817	7,868	
17+00.00	26,426	964	966	971	1,057	1,370	1,829	2,017	4,101	17+00.00	25,700	825	827	836	935	1,338	1,884	2,072	4,215	
18+00.00	31,921	901	906	910	950	1,280	1,796	1,860	3,755	18+00.00	108,049	3,453	3,467	3,483	3,717	4,907	6,713	7,181	14,549	
19+00.00	30,421	808	812	818	851	1,212	1,510	1,674	3,397	19+00.00	115,448	3,164	3,182	3,200	3,335	4,615	6,122	6,545	13,245	
20+00.00	28,806	724	735	747	785	858	1,164	1,462	3,030	20+00.00	109,680	2,835	2,865	2,898	3,030	3,834	4,952	5,807	11,902	
21+00.00	23,997	573	580	587	603	777	1,021	1,306	2,681	21+00.00	97,783	2,401	2,434	2,470	2,570	3,029	4,045	5,126	10,576	
22+00.00	18,385	431	438	445	458	640	843	1,117	2,323	22+00.00	78,485	1,860	1,884	1,912	1,965	2,624	3,452	4,486	9,267	
23+00.00	12,239	253	258	267	279	424	645	919	1,965	23+00.00	56,712	1,267	1,289	1,319	1,365	1,969	2,756	3,770	7,942	
23+87.58	5,467	117	118	120	124	201	386	761	1,652	23+87.58	28,716	600	611	627	653	1,013	1,673	2,725	5,866	
24+00.00	5,293	112	113	114	118	190	394	744	1,638	24+00.00	2,475	53	53	54	56	90	180	346	757	
24+68.65	4,388	88	89	91	105	210	403	671	1,565	24+68.65	12,308	254	257	260	283	508	1,014	1,798	4,072	
25+00.00	4,024	78	79	80	86	146	326	680	1,531	25+00.00	4,884	96	97	99	111	207	423	784	1,797	
26+00.00	3,104	49	52	56	57	145	393	629	1,423	26+00.00	13,202	235	242	252	265	539	1,331	2,424	5,471	
27+00.00	1,177	9	10	11	16	148	413	656	1,316	27+00.00	7,929	108	116	124	136	544	1,492	2,379	5,073	
28+00.00	-	-	-	-	46	194	421	603	1,208	28+00.00	2,180	17	19	20	115	633	1,545	2,331	4,674	
29+00.00	-	-	-	-	35	122	371	535	1,101	29+00.00	-	-	-	-	150	584	1,466	2,108	4,276	
30+00.00	-	-	-	-	0	126	381	490	993	30+00.00	-	-	-	-	64	458	1,392	1,897	3,878	
30+83.64	101	22	23	27	49	178	402	452	903	30+83.64	156	34	35	41	76	471	1,212	1,458	2,937	
										TOTALS	1,111,554	31,787	32,205	32,620	34,644	46,595	68,841	85,353	179,326	

**TOTAL NW 1,623,000**

BE2_BSCFlare																			
Phase	46.5 MLLW	47.5 MLLW	48.5 MLLW	49.5 MLLW	50.5 MLLW	51.5 MLLW	52.5 MLLW	53.5 MLLW	55.5 MLLW	Phase	46.5 MLLW	47.5 MLLW	48.5 MLLW	49.5 MLLW	50.5 MLLW	51.5 MLLW	52.5 MLLW	53.5 MLLW	55.5 MLLW
Material	NW	NW	NW	NW	NW	NW	NW	NW	NW	Material	NW	NW	NW	NW	NW	NW	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3	yd3	yd3	yd3	yd3	yd3	yd3
203+66.28	-	-	-	-	-	0	0	0	0	203+66.28	-	-	-	-	-	-	-	-	-
204+00.00	1	-	-	0	0	0	0	0	0	204+00.00	0	-	-	-	0	0	0	0	0
205+00.00	1	-	1	2	2	2	2	2	3	205+00.00	2	-	2	3	3	3	3	3	7
206+00.00	25	5	5	5	5	5	5	5	10	206+00.00	47	9	12	13	13	13	12	13	25
207+00.00	81	9	10	10	10	10	10	10	21	207+00.00	195	27	28	29	29	29	28	29	57
208+00.00	250	13	17	18	18	18	17	18	35	208+00.00	612	41	51	52	52	52	51	52	103
209+00.00	400	17	25	27	27	27	26	27	53	209+00.00	1,203	55	79	82	83	82	81	82	164
210+00.00	610	28	34	37	38	38	37	38	75	210+00.00	1,871	84	110	119	120	119	118	119	237
211+00.00	1,138	50	50	50	51	50	50	50	101	211+00.00	3,238	145	155	163	164	163	161	163	325
212+00.00	1,646	64	64	65	66	65	64	65	130	212+00.00	5,155	213	212	214	216	214	212	214	427
213+00.00	2,004	45	46	48	51	53	58	74	163	213+00.00	6,759	203	204	210	216	219	226	258	544
214+00.00	2,015	59	60	63	66	72	83	100	201	214+00.00	7,443	193	197	206	215	232	261	323	674
215+00.00	2,764	73	74	76	81	86	106	121	242	215+00.00	8,850	246	248	258	272	292	351	410	820
216+00.00	3,311	83	83	88	96	106	124	141	287	216+00.00	11,249	289	289	305	323	337	440	490	980
217+00.00	3,737	92	92	95	99	108	130	168	336	217+00.00	13,051	324	323	340	355	378	485	577	1,154
218+00.00	4,122	112	111	113	116	117	118	149	389	218+00.00	14,552	377	376	385	399	417	460	587	1,343
219+00.00	4,464	103	104	107	110	110	112	122	428	219+00.00	15,899	398	398	408	419	420	427	502	1,514
220+00.00	5,325	139	142	146	150	150	152	196	558	220+00.00	18,128	449	455	470	481	481	488	589	1,826
221+00.00	6,610	168	168	184	197	201	215	273	721	221+00.00	22,102	569	574	611	642	650	679	868	2,369
222+00.00	7,150	181	182	187	192	193	215	380	811	222+00.00	25,482	646	649	686	719	730	797	1,208	2,837
223+00.00	7,757	201	200	203	207	207	240	432	898	223+00.00	27,607	708	708	722	738	740	844	1,504	3,164
224+00.00	8,088	203	203	207	216	219	247	407	984	224+00.00	29,343	749	745	760	782	788	903	1,554	3,485
225+00.00	8,665	223	222	226	230	237	317	509	1,072	225+00.00	31,025	790	787	803	825	845	1,045	1,696	3,808
226+00.00	9,001	242	242	248	252	259	427	579	1,159	226+00.00	32,714	861	860	877	893	919	1,378	2,016	4,132
227+00.00	9,356	253	251	256	263	266	521	624	1,247	227+00.00	33,994	916	914	933	953	972	1,756	2,228	4,457
228+00.00	9,833	254	253	257	261	358	635	668	1,336	228+00.00	35,535	940	935	950	970	1,156	2,142	2,392	4,784
229+00.00	10,262	262	263	276	294	520	705	713	1,425	229+00.00	37,213	956	956	986	1,029	1,627	2,482	2,557	5,113
230+00.00	10,431	268	268	272	293	627	749	758	1,516	230+00.00	38,320	983	983	1,015	1,088	2,124	2,691	2,723	5,447
231+00.00	10,344	301	300	304	314	675	796	804	1,608	231+00.00	38,472	1,054	1,052	1,067	1,125	2,410	2,860	2,892	5,785
232+00.00	10,292	280	279	286	300	528	788	851	1,702	232+00.00	38,216	1,076	1,072	1,092	1,136	2,228	2,934	3,064	6,128
233+00.00	11,216	321	320	337	359	486	821	899	1,797	233+00.00	39,830	1,113	1,110	1,154	1,220	1,879	2,980	3,240	6,479
234+00.00	10,510	341	541	619	660	676	858	948	1,896	234+00.00	40,233	1,226	1,596	1,770	1,887	2,151	3,110	3,419	6,839
235+00.00	10,486	305	707	798	843	892	980	999	1,997	235+00.00	38,880	1,196	2,312	2,623	2,783	2,904	3,404	3,604	7,209
236+00.00	9,543	334	397	807	1,029	1,051	1,041	1,051	2,102	236+00.00	37,090	1,182	2,046	2,972	3,467	3,599	3,741	3,796	7,591
237+00.00	6,710	322	573	705	1,035	1,106	1,095	1,106	2,212	237+00.00	30,098	1,214	1,797	2,799	3,823	3,995	3,955	3,995	7,990
238+00.00	3,197	126	145	634	931	1,045	1,140	1,164	2,327	238+00.00	18,346	830	1,329	2,479	3,642	3,984	4,139	4,203	8,406
239+00.00	184	104	172	316	474	931	1,209	1,224	2,447	239+00.00	6,261	427	587	1,759	2,602	3,659	4,351	4,421	8,842
239+22.31	180	63	67	71	128	530	1,178	1,237	2,475	239+22.31	150	69	99	160	249	603	986	1,017	2,033
239+76.76	5,168	243	244	251	282	566	1,214	1,280	2,559	239+76.76	5,393	309	314	324	414	1,105	2,412	2,538	5,077
										TOTALS	714,559	20,863	24,561	29,795	34,342	42,514	53,390	59,343	122,173

EXISTING FLARE																			
Phase	46.5 MLLW	47.5 MLLW	48.5 MLLW	49.5 MLLW	50.5 MLLW	51.5 MLLW	52.5 MLLW	53.5 MLLW	55.5 MLLW	Phase	46.5 MLLW	47.5 MLLW	48.5 MLLW	49.5 MLLW	50.5 MLLW	51.5 MLLW	52.5 MLLW	53.5 MLLW	55.5 MLLW
Material	NW	NW	NW	NW	NW	NW	NW	NW	NW	Material	NW	NW	NW	NW	NW	NW	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3	yd3	yd3	yd3	yd3	yd3	yd3
203+66.28	-	3	27	98	273	400	396	400	800	203+66.28	-	5	34	122	342	500	495	500	999
204+00.00	-	4	28	97	274	400	396	400	800	204+00.00	-	-	-	-	-	-	-	-	-
205+00.00	-	3	33	136	324	400	396	400	800	205+00.00	-	12	112	432	1,107	1,482	1,467	1,482	2,963
206+00.00	-	10	61	175	348	400	396	400	800	206+00.00	-	23	173	577	1,243	1,482	1,467	1,482	2,963
207+00.00	-	5	51	155	357	400	396	400	800	207+00.00	-	28	207	611	1,306	1,482	1,467	1,482	2,963
208+00.00	-	2	39	133	360	400	396	400	800	208+00.00	-	14	168	532	1,328	1,482	1,467	1,481	2,963
209+00.00	-	-	20	126	334	400	396	400	800	209+00.00	-	4	110	479	1,285	1,482	1,467	1,482	2,963
210+00.00	-	-	15	115	309	400	396	400	800	210+00.00	-	-	65	446	1,192	1,482	1,467	1,482	2,963
211+00.00	33	117	194	280	408	400	396	400	800	211+00.00	62	216	388	732	1,328	1,482	1,467	1,481	2,963
212+00.00	25	138	227	298	404	400	396	400	800	212+00.00	108	471	780	1,070	1,503	1,481	1,467	1,482	2,963
213+00.00	21	68	180	262	375	377	387	400	800	213+00.00	86	381	752	1,037	1,442	1,440	1,450	1,481	2,963
214+00.00	31	61	147	253	380	384	394	400	800	214+00.00	98	238	605	954	1,398	1,410	1,447	1,482	2,963
215+00.00	72	92	163	256	371	382	394	400	800	215+00.00	190	283	573	943	1,391	1,419	1,460	1,482	2,963
216+00.00	67	94	177	262	371	388	396	400	800	216+00.00	256	345	630	959	1,375	1,427	1,463	1,481	2,963

217+00.00	13	59	149	256	364	381	390	400	800	217+00.00	147	283	604	959	1,363	1,424	1,456	1,482	2,963
218+00.00	6	49	101	195	337	377	383	400	800	218+00.00	34	200	462	835	1,298	1,403	1,432	1,482	2,963
219+00.00	1	52	120	189	318	360	377	397	800	219+00.00	12	187	409	710	1,212	1,363	1,406	1,475	2,963
220+00.00	2	58	127	175	314	376	397	405	809	220+00.00	4	203	457	673	1,170	1,362	1,432	1,484	2,980
221+00.00	-	4	55	133	262	368	407	420	840	221+00.00	3	114	338	569	1,067	1,378	1,488	1,527	3,054
222+00.00	-	-	10	150	296	408	445	453	907	222+00.00	-	7	121	524	1,033	1,437	1,577	1,617	3,234
223+00.00	-	-	19	141	333	439	494	502	1,004	223+00.00	-	-	53	539	1,165	1,568	1,738	1,769	3,538
224+00.00	2	29	65	170	349	509	552	560	1,119	224+00.00	3	53	155	575	1,263	1,755	1,936	1,966	3,932
225+00.00	-	41	189	271	392	554	614	627	1,255	225+00.00	3	130	470	817	1,373	1,967	2,159	2,198	4,396
226+00.00	10	121	247	309	424	654	698	705	1,410	226+00.00	18	302	807	1,074	1,512	2,237	2,430	2,467	4,934
227+00.00	26	144	287	368	579	770	785	793	1,586	227+00.00	66	492	989	1,253	1,858	2,637	2,747	2,774	5,549
228+00.00	55	206	344	498	637	880	884	893	1,785	228+00.00	150	648	1,169	1,603	2,252	3,056	3,091	3,122	6,244
229+00.00	111	187	347	529	711	980	994	1,004	2,008	229+00.00	308	728	1,280	1,901	2,497	3,446	3,477	3,512	7,024
230+00.00	207	309	493	748	946	1,118	1,117	1,128	2,257	230+00.00	588	918	1,556	2,364	3,069	3,885	3,909	3,949	7,897
231+00.00	274	440	748	905	1,023	1,252	1,254	1,267	2,533	231+00.00	890	1,386	2,298	3,062	3,646	4,388	4,391	4,435	8,870
232+00.00	545	661	856	981	1,113	1,350	1,406	1,421	2,841	232+00.00	1,516	2,040	2,970	3,494	3,955	4,818	4,926	4,977	9,953
233+00.00	651	814	978	1,107	1,271	1,514	1,576	1,592	3,184	233+00.00	2,215	2,733	3,396	3,867	4,414	5,304	5,523	5,579	11,159
234+00.00	745	876	1,034	1,185	1,431	1,643	1,764	1,784	3,568	234+00.00	2,586	3,131	3,726	4,244	5,003	5,846	6,185	6,252	12,505
235+00.00	807	938	1,216	1,334	1,530	1,728	1,947	1,999	3,999	235+00.00	3,391	3,360	4,167	4,665	5,483	6,242	6,872	7,005	14,013
236+00.00	560	849	1,156	1,464	1,781	1,980	2,193	2,244	4,487	236+00.00	3,048	3,310	4,393	5,182	6,131	6,868	7,667	7,856	15,715
237+00.00	223	724	1,144	1,507	1,896	2,178	2,397	2,523	5,049	237+00.00	1,450	2,914	4,259	5,503	6,809	7,702	8,499	8,828	17,660
238+00.00	24	503	1,167	1,526	1,874	2,272	2,640	2,837	5,710	238+00.00	458	2,273	4,279	5,617	6,983	8,242	9,328	9,928	19,923
239+00.00	-	96	829	1,310	1,932	2,330	2,804	3,130	6,514	239+00.00	691	1,108	3,695	5,252	7,048	8,522	10,083	11,051	22,636
239+22.31	-	64	778	1,330	1,808	2,223	2,679	3,107	6,687	239+22.31	144	66	664	1,091	1,545	1,881	2,266	2,577	5,454
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										TOTALS	18,522	28,603	47,313	65,269	89,385	106,774	114,063	117,587	236,112

**TOTAL NW 1,925,000**

BE1\_028+605\_530

Phase	RQD	ADV	OD	Phase	RQD	ADV	OD
Material	NW	NW	NW	Material	NW	NW	NW
Station	SQ FT	SQ FT	SQ FT	Station	yd3	yd3	yd3
26+028.00		0	0	26+028.00			
26+156.06	24	0	0	26+156.06	58	-	0
26+161.88	28	-	0	26+161.88	6	-	-
26+500.00	519	44	89	26+500.00	3,421	273	558
27+000.00	1,051	84	179	27+000.00	14,533	1,181	2,484
27+416.64	1,633	82	174	27+416.64	20,705	1,282	2,723
27+416.67	1,633	82	174	27+416.67	2	0	0
27+500.00	1,816	91	184	27+500.00	5,322	268	552
28+000.00	2,346	121	272	28+000.00	38,540	1,964	4,223
28+500.00	2,768	144	279	28+500.00	47,355	2,455	5,103
28+604.06	2,763	151	328	28+604.06	10,659	568	1,169
28+605.04	2,597	144	345	28+605.04	98	5	12
28+605.06	2,621	146	347	28+605.06	1	0	0
28+605.06	2,630	145	181	28+605.06	-	-	-
28+605.06	2,575	139	220	28+605.06	-	-	-
28+605.07	2,541	135	385	28+605.07	1	-	0
29+000.00	3,062	145	190	29+000.00	40,980	2,047	4,203
29+500.00	3,252	171	180	29+500.00	58,469	2,921	3,428
30+000.00	3,636	198	206	30+000.00	63,786	3,410	3,578
30+500.00	1,806	151	151	30+500.00	50,392	3,225	3,308
31+000.00	41	13	13	31+000.00	17,099	1,520	1,520
31+048.23	8	0	0	31+048.23	44	12	12
31+054.05	5	-	0	31+054.05	1	-	-
31+171.11	-	-	0	31+171.11	11	-	0
Total					371,482	21,131	32,874

Total NW 425,000