

BILL OF MATERIAL																		
STAGE I																		
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
A1	316	#4	1	5'-3"	1108	A404	3	#4	STR	21'-10"	44	G1	4	#5	STR	23'-8"	99	
A2	452	#4	1	4'-8"	1409	A405	3	#4	STR	21'-5"	43	G2	4	#5	STR	24'-0"	100	
A100	153	#5	STR	23'-7"	3763	A406	3	#4	STR	21'-0"	42	H1	36	#4	STR	17'-10"	429	
A126	1	#5	STR	21'-11"	23	A407	3	#4	STR	20'-7"	41	H2	36	#4	STR	13'-3"	319	
A127	1	#5	STR	19'-7"	20	A408	3	#4	STR	20'-1"	40	S1	6	#8	STR	24'-0"	384	
A128	1	#5	STR	17'-2"	18	A409	3	#4	STR	19'-8"	39	V1	272	#4	STR	8'-6"	1544	
A129	1	#5	STR	14'-10"	15	A410	3	#4	STR	19'-3"	39	REINFORCING STEEL = 26998 LBS						
A130	1	#5	STR	12'-5"	13	A411	3	#4	STR	18'-10"	38	STAGE I						
A131	1	#5	STR	10'-1"	11	A412	3	#4	STR	18'-5"	37	CLASS A CONCRETE						
A132	1	#5	STR	7'-9"	8	A413	3	#4	STR	18'-0"	36	BARREL & 2 HEADWALLS 146.1 C.Y.						
A133	1	#5	STR	5'-4"	6	A414	3	#4	STR	17'-7"	35	2 OUTLET WALLS 13.9 C.Y.						
A134	1	#5	STR	3'-0"	3	A415	3	#4	STR	16'-8"	33	OUTLET WALL APRON 19.1 C.Y.						
A200	153	#4	STR	23'-7"	2410	A416	3	#4	STR	16'-3"	33	TOTAL 179.1 C.Y.						
A201	3	#4	STR	23'-2"	46	A417	3	#4	STR	15'-10"	32	FOUNDATION CONDITIONING						
A202	3	#4	STR	22'-8"	45	A418	3	#4	STR	15'-5"	31	MATERIAL 153 TONS						
A203	3	#4	STR	22'-3"	45	A419	3	#4	STR	14'-11"	30	CULVERT EXCAVATION LUMP SUM						
A204	3	#4	STR	21'-10"	44	A420	3	#4	STR	14'-5"	29							
A205	3	#4	STR	21'-5"	43	A421	3	#4	STR	14'-5"	29							
A206	3	#4	STR	21'-0"	42	A422	3	#4	STR	13'-10"	28							
A207	3	#4	STR	20'-7"	41	A423	3	#4	STR	13'-4"	27							
A208	3	#4	STR	20'-1"	40	A424	3	#4	STR	12'-9"	26							
A209	3	#4	STR	19'-8"	39	A425	4	#4	STR	12'-1"	32							
A210	3	#4	STR	19'-3"	39	A426	1	#4	STR	12'-1"	15							
A211	3	#4	STR	18'-10"	38	A427	1	#4	STR	12'-1"	15							
A212	3	#4	STR	18'-5"	37	A428	1	#4	STR	12'-5"	8							
A213	3	#4	STR	18'-0"	36	A429	1	#4	STR	12'-5"	8							
A214	3	#4	STR	17'-7"	35	A430	1	#4	STR	12'-5"	8							
A215	3	#4	STR	17'-1"	34	A431	1	#4	STR	10'-1"	7							
A216	3	#4	STR	16'-8"	33	A432	1	#4	STR	10'-1"	7							
A217	3	#4	STR	16'-3"	33	A433	1	#4	STR	7'-9"	5							
A218	3	#4	STR	15'-10"	32	A434	1	#4	STR	7'-9"	5							
A219	3	#4	STR	15'-5"	31	B1	132	#4	STR	8'-4"	735							
A220	3	#4	STR	14'-11"	30	B2	316	#4	STR	6'-4"	1337							
A221	3	#4	STR	14'-5"	29	B3	132	#4	STR	8'-4"	735							
A222	3	#4	STR	13'-10"	28	C1	255	#4	STR	24'-5"	4159							
A223	3	#4	STR	13'-4"	27	C2	1	#4	STR	19'-0"	13							
A224	3	#4	STR	12'-9"	26	C3	32	#4	STR	17'-11"	383							
A225	4	#4	STR	12'-1"	32	C4	2	#4	STR	17'-1"	23							
A226	1	#4	STR	21'-11"	15	C5	1	#4	STR	29'-5"	20							
A227	1	#4	STR	19'-7"	13	C6	2	#4	STR	26'-9"	36							
A228	1	#4	STR	17'-2"	11	C7	1	#4	STR	24'-0"	16							
A229	1	#4	STR	14'-10"	10	C8	1	#4	STR	21'-3"	14							
A230	1	#4	STR	12'-5"	8	C9	1	#4	STR	19'-8"	13							
A231	1	#4	STR	10'-1"	7	C10	1	#4	STR	18'-6"	12							
A232	1	#4	STR	7'-9"	5	C11	1	#4	STR	15'-10"	11							
A233	1	#4	STR	5'-4"	4	C12	2	#4	STR	12'-3"	16							
A234	1	#4	STR	3'-0"	2	C13	1	#4	STR	10'-4"	7							
A300	153	#4	STR	23'-7"	2410	C14	1	#4	STR	7'-8"	5							
A326	1	#4	STR	21'-11"	15	C15	1	#4	STR	5'-0"	3							
A327	1	#4	STR	19'-7"	13	C16	1	#4	STR	3'-0"	2							
A328	1	#4	STR	17'-2"	11	D1	8	#6	STR	2'-6"	30							
A329	1	#4	STR	14'-10"	10	D2	9	#6	STR	3'-0"	41							
A330	1	#4	STR	12'-5"	8	D3	9	#6	2	3'-0"	41							
A331	1	#4	STR	10'-1"	7	D4	7	#6	2	2'-6"	26							
A332	1	#4	STR	7'-9"	5	E1	16	#5	STR	7'-6"	125							
A333	1	#4	STR	5'-4"	4	E3	48	#5	STR	3'-5"	171							
A334	1	#4	STR	3'-0"	2	E4	48	#5	STR	4'-1"	204							
A400	153	#4	STR	23'-7"	2410	E5	48	#5	STR	3'-1"	154							
A401	3	#4	STR	23'-2"	46	E6	48	#5	STR	2'-7"	129							
A402	3	#4	STR	22'-8"	45													
A403	3	#4	STR	22'-3"	45													

BILL OF MATERIAL																	
STAGE II																	
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A2	262	#4	1	4'-8"	817	A300	82	#4	STR	23'-7"	1292	A335	2	#4	STR	23'-4"	31
A3	262	#4	1	7'-0"	1225	A336	2	#4	STR	23'-1"	31	A337	2	#4	STR	22'-9"	30
A4	48	#6	1	11'-6"	829	A338	2	#4	STR	22'-6"	30	A339	2	#4	STR	22'-3"	30
A5	48	#6	1	13'-4"	961	A340	2	#4	STR	22'-0"	29	A341	2	#4	STR	21'-9"	29
A100	82	#5	STR	23'-7"	2017	A342	2	#4	STR	21'-6"	29	A343	2	#4	STR	21'-3"	28
A135	2	#5	STR	23'-4"	49	A344	2	#4	STR	21'-0"	28	A345	2	#4	STR	20'-9"	28
A136	2	#5	STR	23'-1"	48	A346	2	#4	STR	20'-6"	27	A347	2	#4	STR	20'-3"	27
A137	2	#5	STR	22'-9"	47	A348	2	#4	STR	20'-0"	27	A349	3	#4	STR	23'-9"	48
A138	2	#5	STR	22'-6"	47	A350	18	#4	STR	23'-11"	288	A450	18	#4	STR	23'-11"	288
A139	2	#5	STR	22'-3"	46	A400	82	#4	STR	23'-7"	1292	A435	2	#4	STR	23'-4"	31
A140	2	#5	STR	22'-0"	46	A435	2	#4	STR	23'-4"	31	A436	2	#4	STR	23'-1"	31
A141	2	#5	STR	21'-9"	45	A436	2	#4	STR	23'-1"	31	A437	2	#4	STR	22'-9"	30
A142	2	#5	STR	21'-6"	45	A437	2	#4	STR	22'-9"	30	A438	2	#4	STR	22'-6"	30
A143	2	#5	STR	21'-3"	44	A438	2	#4	STR	22'-6"	30	A439	2	#4	STR	22'-3"	30
A144	2	#5	STR	21'-0"	44	A439	2	#4	STR	22'-3"	30	A440	2	#4	STR	22'-0"	29
A145	2	#5	STR	20'-9"	43	A440	2	#4	STR	22'-0"	29	A441	2	#4	STR	21'-9"	29
A146	2	#5	STR	20'-6"	43	A441	2	#4	STR	21'-9"	29	A442	2	#4	STR	21'-6"	29
A147	2	#5	STR	20'-3"	42	A442	2	#4	STR	21'-6"	29	A443	2	#4	STR	21'-3"	28
A148	2	#5	STR	20'-0"	42	A443	2	#4	STR	21'-3"	28	A444	2	#4	STR	21'-0"	28
A149	3	#5	STR	23'-9"	74	A444	2	#4	STR	21'-0"	28	A445	2	#4	STR	20'-9"	28
A150	18	#5	STR	23'-11"	449	A445	2	#4	STR	20'-9"	28	A446	2	#4	STR	20'-6"	27
A151	2	#7	STR	20'-1"	82	A446	2	#4	STR	20'-6"	27	A447	2	#4	STR	20'-3"	27
A152	2	#7	STR	19'-10"	81	A447	2	#4	STR	20'-3"	27	A448	2	#4	STR	20'-0"	27
A153	2	#7	STR	19'-7"	80	A448	2	#4	STR	20'-0"	27	A449	3	#4	STR	23'-9"	48
A154	2	#7	STR	19'-4"	79	A449	3	#4	STR	23'-9"	48	A450	18	#4	STR	23'-11"	288
A155	2	#7	STR	19'-1"	78	B2	262	#4	STR	6'-4"	1108	B4	110	#4	STR	8'-7"	631
A156	2	#7	STR	18'-10"	77	B4	110	#4	STR	8'-7"	631	B5	110	#4	STR	8'-7"	631
A157	2	#7	STR	18'-7"	76	B5	110	#4	STR	8'-7"	631	B6	20	#4	STR	8'-9"	117
A158	2	#7	STR	18'-4"	75	B6	20	#4	STR	8'-9"	117	B7	48	#6	STR	6'-4"	457
A159	2	#7	STR	18'-1"	74	B7	48	#6	STR	6'-4"	457	C20	170	#4	STR	28'-7"	3246
A160	2	#7	STR	17'-10"	73	C20	170	#4	STR	28'-7"	3246	C21	116	#4	STR	6'-0"	465
A161	2	#7	STR	17'-7"	72	A235	2	#4	STR	23'-4"	31	D1	26	#6	STR	2'-6"	98
A162	2	#7	STR	17'-4"	71	A236	2	#4	STR	23'-1"	31	D2	36	#6	STR	3'-0"	162
A200	82	#4	STR	23'-7"	1292	A237	2	#4	STR	22'-9"	30	D4	4	#6	2	2'-6"	15
A235	2	#4	STR	23'-4"	31	A238	2	#4	STR	22'-6"	30	E2	16	#5	STR	5'-9"	96
A236	2	#4	STR	23'-1"	31	A239	2	#4	STR	22'-3"	30	A249	3	#4	STR	23'-9"	48
A237	2	#4	STR	22'-9"	30	A240	2	#4	STR	22'-0"	29	A250	18	#4	STR	23'-11"	288
A238	2	#4	STR	22'-6"	30	A241	2	#4	STR	21'-9"	29	A251	2	#7	STR	20'-1"	82
A239	2	#4	STR	22'-3"	30	A242	2	#4	STR	21'-6"	29	A252	2	#7	STR	19'-10"	81
A240	2	#4	STR	22'-0"	29	A243	2	#4	STR	21'-3"	28	A253	2	#7	STR	19'-7"	80
A241	2	#4	STR	21'-9"	29	A244	2	#4	STR	21'-0"	28	A254	2	#7	STR	19'-4"	79
A242	2	#4	STR	21'-6"	29	A245	2	#4	STR	20'-9"	28	A255	2	#7	STR	19'-1"	78
A243	2	#4	STR	21'-3"	28	A246	2	#4	STR	20'-6"	27	A256	2	#7	STR	18'-10"	77
A244	2	#4	STR	21'-0"	28	A247	2	#4	STR	20'-3"	27	A257	2	#7	STR	18'-7"	76
A245	2	#4	STR	20'-9"	28	A248	2	#4	STR	20'-0"	27	A258	2	#7			