EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

V. C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
600' VC	-1.0000%	427+50	780.05	778.62	-1.43		445				0			
						50		545				29		
		428	781.70	779.46	-2.24		144				31			
						50		217				159		
		+50	783.35	780.13	-3.22		90				141		C	10818
						50		139				323	F	1613
		429	782.85	780.61	-2.24		60				208		F FAC	1.15
						50		94				473	EX C	8963
		+50	782.35	780.92	-1.43		41				303			
						50		80				516		
		430	781.85	781.04	-0.81		45				254			
						50		98				349		
		+50	781.35	780.99	-0.36		61				123			
						50		146				114		
		431	780.85	780.76	-0.09		97				0			
						50		395				0		
		+50	780.35	780.35	0.00		330							
						50		586						
		432	779.85				303						C	4909
						50		497					R	219
		+50	779.35				234						R FAC	1.30
						50		392					F	985
		433	778.85	778.85	0.00		189				0		F FAC	1.15
						50		259				66	EX C	3885
		+50	778.35	778.40	+0.05		91				71			
						50		530				130		
		434	777.85	778.07	+0.22		481				69			
						50		988				145		
		+50	777.35	777.84	+0.49		586		0		88			
						50		1018		219		181		
500' VC		435	776.85	777.72	+0.87		513		237		107			
						50		904		416		216		
		+50	776.35	777.71	+1.36		463		212		126			
						50		677		239		268		
		436	776.94	777.81	+0.87		268		46		163			
						50		285		43		387		
		+50	777.53	778.02	+0.49		40		0		255			
						50		75		0		627		
		437	778.12	778.33	+0.21		41				422		C	11015
						50		133				647	R	2670
		+50	778.70	778.76	+0.06		103				277		R FAC	1.30
						50		489				331	F	2673
		438	779.29	779.29	0.00		425				80		F FAC	1.15
						50		1132				74	EX C	9263
		+50	779.88				798		0		0			
						50		1929		483		11		
		439	780.47				1285		522		12			
						50		2815		986		56		
		+50	781.06				1755		543		48			
						50		2576		503		56		
		440	781.65				1027		0		13			
						50		1578				30		
		+50	782.23				677				19			
						50		1019				36		
		441	782.82				423				20			
						50		759				57		
		+50	783.41				397				42			
						50		931				47		
		442	784.00				609		0		9		C	14468
						50		1108		199		19	R	6248
		+50	784.59	784.59	0.00		588		215		11		R FAC	1.30
						50		1309		590		20	F	289
		443	785.18	785.08	-0.10		826		422		11		F FAC	1.15
						50		1657		1019		20	EX C	17228
		+50	785.76	785.38	-0.38		964		678		11			
						50		1915		1535		20		
750' VC		444	786.35	785.49	-0.86		1104		980		11			
						50		2086		1795		20		
		+50	786.94	785.40	-1.54		1149		959		11			
						50		2106		1110		20		
		445	787.53	785.12	-2.41		1126		240		11			
						50		2095		893		20		
		+50	788.12	784.65	-3.47		1137		724		11			
						50		1739		814		20		
		446	788.71	783.99	-4.72		741		155		11			
		CARRIED FORWARD						3834		1707		40		
		COLUMN FOOTINGS						35301		10844		5487		

V. C.	% GRADE	STATION	GRADES ELEVATION ON TANGENT	GRADES ELEVATION ON CURVES	GRADES CORR V. C.	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
750' VC	-4.6000%	446	788.71	783.99	-4.72		741		155		11			
		+25	789.00	783.58	-5.42	50		1417		175		45		
		+50	787.85	783.13	-4.72		789		34		38			
						50		1271		192		75		
		447	785.55	782.08	-3.47		584		173		43		C	9290
						50		883		212		118	R	2522
		+50	783.25	780.84	-2.41		370		56		84		R FAC	1.30
						50		584		116		252	F	3323
		448	780.95	779.41	-1.54		261		69		188		F FAC	1.15
						50		531		92		434	EX C	6717
		+50	778.65	777.78	-0.87		313		30		281			
						50		481		28		581		
		449	776.35	775.97	-0.38		206		0		347			
						50		240		0		769		
		+50	774.05	773.95	-0.10		53				484			
						50		49				1009		
		450	771.75	771.75	0.00		0				606			
						50						1423		
		+50	769.45	769.58	+0.13						931			
						50						1471		
		451	767.15	767.69	+0.54		0				658			
						50		23				1116		
		+50	764.85	766.05	+1.20		25				547			
						50		262				846		
		452	762.55	764.69	+2.14		258				367			
						50		531				607		
		+50	760.25	763.60	+3.35		316				289			
						50		731				538		
600' VC	+1.8250%	453	757.95	762.77	+4.82		475		0		270		C	4610
						49.99		838		19		577	R	728
		+49.99	758.86	762.21	+3.35		430		20		353		R FAC	1.30
													F	8723
		+50	758.86	762.21	+3.35	49.98		784		19		637	F FAC	1.15
													EX F	5061
		+99.97	759.77	761.91	+2.14		417		0		335			
		454	759.77	761.91	+2.14	49.97		732		218		680		
		+49.94	760.69	761.90	+1.21		374		236		400			
		+50	760.69	761.89	+1.20	49.97		709		472		828		
		+99.91	761.60	762.14	+0.54		392		274		495			
		455	761.60	762.14	+0.54	49.96		711		477		1014		
		+49.87	762.51	762.64	+0.13		376		242		601			
		+50	762.51	762.64	+0.13	49.95		468		233		1021		
		+99.82	763.42	763.42	0.00		130		10		503			
		456	763.43	763.43	0.00	49.94		545		84		830		
		+49.76	764.33				459		81		395			
													C	11968
		+50	764.34			49.94		1399		818		646	R	7906
													R FAC	1.30
		+99.70	765.24				1054		804		303		F	4049
													F FAC	1.15
		457	765.25			49.93		1339		989		364	EX C	11225
		+49.63	766.16				394		266		91			
		457+50	766.16			49.92		770		406		94		
		+99.55	767.07				439		173		11			
		458	767.08	767.08	0.00	49.91		1050		637		20		
		+49.46	767.98	767.89	-0.09		697		516		11			
		CARRIED FORWARD						6282		3644		3989		
		COLUMN FOOTINGS						16348		5187		15995		

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600' VC	+1.8250%	458+49.46	767.98	767.89	-0.09		697		516		11			
		458+50	767.99	767.90	-0.09	49.90		1527		1109		20		
		+99.36	768.89	768.54	-0.35		955		684		11			
		459	768.90	768.55	-0.35	49.90		1822		1424		20		
		+49.26	769.80	769.02	-0.78		1017		857		11			
		+50	769.81	769.02	-0.79	49.89		2337		1729		20		
		+99.15	770.71	769.31	-1.40		1513		1014		11			
		460	770.73	769.32	-1.41	49.89		2592		1745		20		
		+49.04	771.62	769.44	-2.18		1292		875		11			
		+50	771.64	769.44	-2.20	49.87		2138		1395		20		
		+98.91	772.53	769.38	-3.15		1023		636		11			
		461	772.55	769.38	-3.17	49.87		1493		587		13		
		+48.78	771.38	769.16	-2.22		594		0		3			
		+50	771.35	769.15	-2.20	49.87		1002				21		
		+98.65	770.18	768.75	-1.43		491				20			
		462	770.15	768.74	-1.41	49.86		1176				31		
		+48.51	768.99	768.18	-0.81		783				14		C	11342
		+50	768.95	768.16	-0.79	49.85		1317				42	R	3727
		+98.36	767.79	767.43	-0.36		644				32		F	812
		463	767.75	767.40	-0.35	49.84		885				80	R FAC	1.30
		+48.20	766.59	766.50	-0.09		315				55		F	812
		+50	766.55	766.46	-0.09	49.84		369				114	F FAC	1.15
		+98.04	765.40	765.40	0.00		85				69		EX C	12253
		464	765.35	765.35	0.00	49.83		147				234		
		+47.87	764.20				74				185			
		+50	764.15			49.83		223				237		
		+97.70	763.01				168				72			
		465	762.95			49.82		192				116		
		+47.52	761.81				40				54			
		+50	761.75	761.75	0.00	49.82		57				84		
		+97.34	760.61	760.67	+0.06		22				37			
		466	760.55	760.62	+0.07	49.81		171				38		
		+47.15	759.42	759.67	+0.25		163				4			
		+50	759.35	759.62	+0.27	49.81		220				6		
		+96.96	758.22	758.80	+0.58		76				3			
		CARRIED FORWARD						640				244		
		COLUMN FOOTINGS						17668		7989		1116		

PROJECT NAME GROTON - RYGATE
PROJECT NUMBER F 026-1(30)

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SHEET 15 OF 152 SHEETS