

DLZ

CLIENT ODOT
 PROJECT CUY/SUM-271-00.00/14.87
 SUBJECT Retaining Wall WS1
 Estimated Quantities Summary

PROJECT NO. 1122-1001-00

COMPUTED BY ASP DATE 3/14/14
 CHECKED BY LNB DATE 3/17/14

ESTIMATED QUANTITIES					
ITEM	ITEM EXT.	TOTAL QTY.	UNIT	DESCRIPTION	REF. SHEET
304	20000	949	CU YD	AGGREGATE BASE	
503	21100	887	CU YD	UNCLASSIFIED EXCAVATION	
509	10000	43,732	POUND	EPOXY COATED REINFORCING STEEL	
511	46010	149	CU YD	CLASS QC1 CONCRETE	
511	46513	187	CU YD	CLASS QC1 CONCRETE, FOOTING	
511	53012	56	CU YD	CLASS QC2 CONCRETE, MISC.: PARAPET	
512	10100	500	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
512	33000	34	SQ YD	TYPE 2 WATERPROOFING	
516	13600	62	SQ FT	1" PREFORMED EXPANSION JOINT FILLER	
518	21200	176	CU YD	POROUS BACKFILL WITH FILTER FABRIC	
518	40000	353	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	40010	198	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	

Panel	Item 304 Engineered Fill cy	bott. overexc. el.	b/ftg. El.	ex. Grd. El.	ftg. width ft.	avg. ftg. length ft.	Norm. Excav. volume cf	Over. Excav. volume cf	Item 503 Unclassified Excavation cy	ftg. thickness ft.	stem length ft.	t/wall elev. ft.	top stem thickness ft.	bot. stem thickness ft.	wall batter x:1	barrier area sf	barrier Volume cf	Footing volume cf	Stem volume cf	Item 511 Class QC1 Concrete cy	Item 518 Porous Backfill w/ Filter Fabric			Item 512 Surface Seal			Item 512 Type 2 Waterproofing			Item 516 1" Preformed Exp. Joint Filler		Item 516 2" Preformed Exp. Joint Filler		Wall Area including footing sf					
																					top width ft.	Stem height ft.	volume cf	Item 518 Granular backfill cy	prop. Grd face elev ft.	sealed area sf	sealed area sy	width ft.	area sf	sy	Exp. Jt. y/n?	area sf	Exp. Jt. y/n?		area sf				
											1040.00																												
1	67.1	1031.5	1037.00	1040.00	9.5	24.40	988.20	1811.70	103.7	1.5	24.43	1043.94	1.5	1.5	0.0	4.26	104.15	347.70	196.39	20.2	2.0	5.36	221.07	8.2	1041.84	248.79	27.64	3.00	16.32	1.81	n	0.00	n	0.00	167.6				
2	67.1	1031.5	1037.00	1039.50	9.5	24.40	905.85	1811.70	100.7	1.5	24.43	1044.15	1.5	1.5	0.0	4.26	104.15	347.70	203.17	20.4	2.0	5.55	230.10	8.5	1041.88	254.41	28.27	3.00	16.95	1.88	n	0.00	n	0.00	172.1				
3	67.1	1031.5	1037.00	1039.00	9.5	24.40	741.15	1811.70	94.6	1.5	24.43	1044.38	1.5	1.5	0.0	4.26	104.15	347.70	211.23	20.7	2.0	5.77	240.85	8.9	1041.81	260.15	28.91	3.00	17.64	1.96	y	13.08	n	0.00	177.5				
4	76.9	1031.5	1037.00	1038.50	9.5	27.97	660.67	2076.40	101.4	1.5	28.00	1044.68	1.5	1.5	0.0	4.26	119.39	398.50	253.26	24.1	2.0	6.03	290.92	10.8	1041.71	308.00	34.22	3.00	18.54	2.06	n	0.00	n	0.00	210.8				
5	76.9	1031.5	1037.00	1038.00	9.5	27.97	471.91	2076.40	94.4	1.5	28.00	1045.03	1.5	1.5	0.0	4.26	119.39	398.50	266.91	24.6	2.0	6.36	309.12	11.4	1041.62	319.76	35.53	3.00	19.59	2.18	n	0.00	n	0.00	219.9				
6	76.9	1031.5	1037.00	1037.00	9.5	27.97	188.76	2076.40	83.9	1.5	28.00	1045.42	1.5	1.5	0.0	4.26	119.39	398.50	282.45	25.2	2.0	6.72	329.84	12.2	1041.52	332.78	36.98	3.00	20.76	2.31	y	14.64	n	0.00	230.3				
7	76.9	1031.5	1037.00	1036.00	9.5	27.97	0.00	1887.64	69.9	1.5	28.00	1045.85	1.5	1.5	0.0	4.26	119.39	398.50	299.67	25.9	2.0	7.13	352.80	13.1	1041.41	347.20	38.58	3.00	22.05	2.45	n	0.00	n	0.00	241.8				
8	76.9	1031.5	1037.00	1035.00	9.5	27.97	0.00	1510.11	55.9	1.5	28.00	1046.32	1.5	1.5	0.0	4.26	119.39	398.50	318.57	26.6	2.0	7.59	378.00	14.0	1041.38	361.76	40.20	3.00	23.46	2.61	y	15.99	n	0.00	254.4				
9	76.9	1031.5	1037.00	1034.00	9.5	27.97	0.00	1132.58	41.9	1.5	28.00	1046.83	1.5	1.5	0.0	4.26	119.39	398.50	339.15	27.3	2.0	8.07	405.44	15.0	1041.29	377.16	41.91	3.00	24.99	2.78	n	0.00	n	0.00	268.1				
10	76.9	1031.5	1037.00	1034.00	9.5	27.97	0.00	943.82	35.0	1.5	28.00	1047.35	1.5	1.5	0.0	4.26	119.39	406.81	360.78	28.4	2.0	8.59	434.28	16.1	1041.17	394.52	43.84	3.00	26.55	2.95	y	17.54	n	0.00	282.5				
11	69.9	1031.5	1036.50	1034.00	9.5	27.97	0.00	943.82	35.0	1.5	28.00	1047.86	1.5	1.5	0.0	4.26	119.39	398.50	403.41	29.7	2.0	9.61	491.12	18.2	1040.64	418.04	46.45	3.00	29.58	3.29	n	0.00	n	0.00	310.9				
12	69.9	1031.5	1036.50	1034.00	9.5	27.97	0.00	943.82	35.0	1.5	28.00	1048.37	1.5	1.5	0.0	4.26	119.39	398.50	424.83	30.5	2.0	10.11	519.68	19.2	1040.92	435.82	48.42	3.00	31.11	3.46	n	0.00	n	0.00	325.2				
13	69.9	1031.5	1036.50	1034.00	9.5	27.97	0.00	943.82	35.0	1.5	28.00	1048.89	1.5	1.5	0.0	4.26	119.39	398.50	446.46	31.3	2.0	10.63	548.52	20.3	1041.44	439.04	48.78	3.00	32.67	3.63	n	0.00	n	0.00	339.6				
				1036.50																																			
TOTALS	949.4					352.85	147	740	887.0		353.28					56.0	187.0	149.0	334.9			176.0				500.00		34.0		62.0		0.0			3201				