

JOB NO: 06-215-F
NAME: Sycamore Pointe Business Park
LOCATION: 1315 Hot Springs Way

TEST RESULTS

Maximum Dry Density/Optimum Moisture Content, ASTM 1557:

Soil Type 1: Tan Silty Coarse Sand**
 Maximum Dry Density: 129.8 pcf
 Optimum Moisture: 9.0%

Soil Type 4: Brown to Dark Brown Silty Fine to Medium Sand**
 Maximum Dry Density: 134.3 pcf
 Optimum Moisture: 8.8%

Field Density Test Results: Keystone Wall Backfills and Remedial Pad Grading

Date 2006	Test No.	Location	El. Of Fill In Ft.	% Field Moisture	Field Dry Density Pcf	Max Dry Density Pcf	% Relative Comp.	Comment
05/26	1	Wall #1, Station 5+30	429.0	12.6	118.2	129.8	91.1	Bottom at El. 428.0
05/26	2	Wall #1, Station 4+80	429.0	13.6	120.7	129.8	93.0	
05/26	3	Wall #1, Station 4+30	429.0	8.5	121.8	134.3	90.7	

Date 2006	Test No.	Location	El. Of Fill In Ft.	% Field Moisture	Field Dry Density Pcf	Max Dry Density Pcf	% Relative Comp.	Comment
05/26	1	Wall #1, Station 5+30	429.0	12.6	118.2	129.8	91.1	Bottom at El. 428.0
05/26	2	Wall #1, Station 4+80	429.0	13.6	120.7	129.8	93.0	
05/26	3	Wall #1, Station 4+30	429.0	8.5	121.8	134.3	90.7	
05/26	4	Wall #1, Station 3+80	429.0	7.4	125.3	134.3	93.3	
05/26	5	Wall #1, Station 3+30	429.0	7.8	125.9	134.3	93.7	
05/26	6	Wall #1, Station 2+80	429.0	6.9	121.0	134.3	90.1	

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05/26	2	Wall #1, Station 4+80	429.0	13.6	120.7	129.8	93.0	
05/26	3	Wall #1, Station 4+30	429.0	8.5	121.8	134.3	90.7	
05/26	7	Wall #1, Station 2+30	429.0	6.5	121.5	134.3	90.5	
05/26	8	Wall #1, Station 1+80	429.0	6.0	122.2	134.3	91.0	
05/26	9	Wall #1, Station 1+30	429.0	6.5	124.9	134.3	93.0	

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05/26	2	Wall #1, Station 4+80	429.0	13.6	120.7	129.8	93.0	
05/26	3	Wall #1, Station 4+30	429.0	8.5	121.8	134.3	90.7	
05/30	10	Wall #1, Station 4+95	430.0	11.5	127.9	134.3	95.2	
05/30	11	Wall #1, Station 3+75	430.0	11.3	134.0	134.3	99.8	
05/30	12	Wall #1, Station 2+50	430.0	8.1	126.5	134.3	94.2	

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05/26	1	Wall #1, Station 5+30	429.0	12.6	118.2	129.8	91.1	Bottom at El. 428.0
05/26	2	Wall #1, Station 4+80	429.0	13.6	120.7	129.8	93.0	
05/26	3	Wall #1, Station 4+30	429.0	8.5	121.8	134.3	90.7	
05/30	13	Wall #1, Station 3+10	431.0	8.1	121.2	134.3	90.2	
05/30	14	Wall #1, Station 4+50	431.0	7.4	120.9	134.3	90.0	

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05/30	15	Wall #1, Station 2+65	431.0	9.6	127.3	134.3	94.8	
05/31	16	Wall #1, Station 1+50	431.0	8.7	123.7	134.3	92.1	
05/31	17	Wall #1, Station 1+10	432.0	8.0	126.8	134.3	94.4	
05/31	18	Wall #1, Station 2+10	432.0	10.0	126.9	134.3	94.5	
05/31	19	Wall #1, Station 3+50	432.0	8.0	125.7	134.3	93.6	
05/31	20	Wall #1, Station 4+60	432.0	11.3	123.8	134.3	92.2	
05/31	21	Wall #1, Station 5+50	432.0	9.7	121.7	134.3	90.6	
06/01	22	Wall #1, Station 1+35	433.0	9.2	126.0	134.3	93.8	
06/01	23	Wall #1, Station 2+90	433.0	10.2	126.2	134.3	94.0	
06/01	24	Wall #1, Station 4+00	433.0	8.2	124.8	134.3	92.9	
06/01	25	Wall #1, Station 5+10	433.0	9.0	123.9	134.3	92.3	
06/02	26	Wall #1, Station 1+65	434.0	12.0	121.0	134.3	90.1	
06/02	27	Wall #1, Station 2+50	434.0	8.1	123.8	134.3	92.2	
06/02	28	Wall #1, Station 3+65	434.0	11.4	124.3	134.3	92.6	
06/02	29	Wall #1, Station 4+70	434.0	8.2	124.2	134.3	92.5	
06/02	30	Wall #1, Station 5+40	434.0	9.0	121.7	134.3	90.6	
06/02	31	Wall #1, Station 1+60	435.0	9.5	122.3	134.3	91.1	
06/02	32	Wall #1, Station 2+60	435.0	8.5	121.7	134.3	90.6	
06/02	33	Wall #1, Station 3+60	435.0	7.9	121.3	134.3	90.3	
06/02	34	Wall #1, Station 4+65	435.0	9.2	123.9	134.3	92.3	
06/05	35	Wall #1, Station 1+25	436.0	9.7	124.5	134.3	92.7	

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Date 2006	Test No.	Location	El. Of Fill In Ft.	% Field Moisture	Field Dry Density Pcf	Max Dry Density Pcf	% Relative Comp.	Comments
06/05	36	Wall #1, Station 2+00	436.0	9.7	121.2	134.3	90.3	
06/05	37	Wall #1, Station 3+20	436.0	10.3	121.1	134.3	90.2	
06/05	38	Wall #1, Station 4+20	436.0	8.9	122.5	134.3	91.3	
06/06	39	Wall #1, Station 1+45	437.0	10.5	125.6	134.3	93.6	
06/06	40	Wall #1, Station 2+20	437.0	9.5	123.1	134.3	91.7	
06/06	41	Wall #1, Station 3+00	437.0	11.2	124.4	134.3	92.6	
06/06	42	Wall #1, Station 3+90	437.0	9.9	124.2	134.3	92.5	
06/06	43	Wall #1, Station 1+50	438.0	10.9	120.9	134.3	90.1	
06/06	44	Wall #1, Station 1+80	438.0	10.9	123.0	134.3	91.6	
06/06	45	Wall #1, Station 2+45	438.0	8.6	123.5	134.3	92.0	
06/06	46	Wall #1, Station 3+15	438.0	9.6	123.2	134.3	91.7	
06/07	47	Wall #1, Station 4+00	439.0	10.9	116.2	134.3	86.5	Finish Grade, Test Failed
06/07	48	Wall #1, Station 4+60	439.0	11.2	121.1	134.3	90.2	Finish Grade, Retest #47
06/07	49	Wall #1, Station 3+50	439.0	10.9	130.4	134.3	97.1	Finish Grade
06/07	50	Wall #1, Station 2+40	439.0	7.5	121.0	134.3	90.1	Finish Grade
06/07	51	Wall #1, Station 1+50	439.0	9.3	122.1	134.3	90.9	Finish Grade
06/07	52	Wall #2, Station 1+35	428.5	7.8	122.2	134.3	91.0	
06/08	53	Wall #2, Station 1+08	430.5	10.6	128.8	134.3	95.9	
06/08	54	Wall #1, Replace Slope Above Wall, Station 3+75	440.0	7.6	121.0	134.3	90.1	
06/08	55	Wall #1, Replace Slope Above Wall, Station 5+10	437.0	10.3	124.6	134.3	92.8	
06/08	56	Wall #1, Replace Slope Above Wall, Station 2+60	441.0	7.5	121.5	134.3	90.5	

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06/08	57	Wall #2, Station 1+25	432.5	8.1	122.1	134.3	90.9	
06/09	58	Wall #1, Replace Slope Above Wall, Station 3+10	442.0	8.3	121.1	134.3	90.2	
06/09	59	Wall #2, Station 1+18	434.5	9.9	129.8	134.3	96.6	
06/09	60	Wall #2, Station 1+12	436.5	12.1	122.7	134.3	91.4	
06/20	61	Building "A", Suites #109-110	426.8	8.6	122.1	134.3	90.9	Bottom at El. 425.8
06/20	62	Building "A", Suites #111-112	426.8	7.0	121.8	134.3	90.7	
06/21	63	Building "A", Suites #109-110	427.8	7.1	128.1	134.3	95.4	
06/21	64	Building "A", Suites #111-112	427.8	11.1	127.4	134.3	94.9	
06/21	65	Building "A", Suites #107-108	426.8	10.0	125.6	134.3	93.5	
06/21	66	Building "A", Suites #107-108	427.8	6.9	123.5	134.3	92.0	
06/21	67	Building "A", Suites #105-106	426.8	9.9	124.6	134.3	92.8	
06/21	68	Building "A", Suites #103-104	426.8	8.9	124.5	134.3	92.7	Bottom at El. 425.8
06/21	69	Building "A", Suites #101-102	426.8	8.8	128.2	134.3	95.4	
06/21	70	Building "A", Northwesterly Corner Suite #103	425.8	10.4	125.1	134.3	93.1	Bottom at El. 423.8
06/21	71	Building "A", Suites #103-104	427.8	12.1	122.2	134.3	91.0	
06/21	72	Building "A", Suites #105-106	427.8	10.5	125.0	134.3	93.1	
06/22	73	Building "A", Northwesterly Corner Suite #103	427.8	8.3	125.5	134.3	93.5	
06/22	74	Building "A", Suites #101-102	427.8	11.1	124.5	134.3	92.7	
06/23	75	Building "A", Westerly Edges Suites 103-106	427.8	8.8	124.2	134.3	92.5	
06/23	76	Building "A", Westerly Edges Suites 103-106	427.8	10.0	126.7	134.3	94.4	

Date 2006	Test No.	Location	El. Of Fill In Ft.	% Field Moisture	Field Dry Density Pcf	Max Dry Density Pcf	% Relative Comp.	Comments
07/27	77	Building "B", Suite #121	429.5	8.9	130.9	134.3	97.5	Bottom at El. 428.5, Finish Grade

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06/27	78	Building "B", Suite #122	428.8	9.0	126.2	134.3	94.0	Bottom at El. 428.5, Finish Grade
06/27	79	Building "B", Suite #123	428.8	8.8	125.7	134.3	93.6	Bottom at El. 428.5, Finish Grade
06/27	80	Building "A", Suites #101-102	428.8	8.0	124.2	134.3	92.5	Finish Grade
06/27	81	Building "A", Suites #103-104	428.8	8.6	126.8	134.3	94.4	Finish Grade
06/27	82	Building "A", Northwesterly Corner Suite #103	428.8	7.7	121.4	134.3	90.4	Finish Grade
06/27	83	Building "A", Westerly Edges Suites #103-106	428.8	7.9	120.9	134.3	90.1	Finish Grade
06/27	84	Building "A", Suites #105-106	428.8	8.0	127.9	134.3	95.2	Finish Grade
06/27	85	Building "A", Suites #107-108	428.8	8.5	124.0	134.3	92.3	Finish Grade
06/27	86	Building "A", Suites #109-110	428.8	7.6	125.2	134.3	93.3	Finish Grade
06/27	87	Building "A", Suites #111-112	428.8	8.3	126.1	134.3	93.9	Finish Grade

**From our "Update Preliminary Geotechnical Investigation" report, dated September 14, 2005