

To: Professor Horman, December 6th, 2007

Concerning: Liberty Walk at East Gate
Mt. Laurel Township, New Jersey

Technical Report 2

Advanced Scheduling and Estimates



330 Fellowship Road

A Liberty Property Group Project

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Executive Summary

This Technical Assignment includes a more detailed project schedule, a set of site lay-out plans detailing the layout through the project, and three estimates, in which there is an Assemblies Estimate, a Detailed Structural Bay Estimate, and a General Conditions Estimate. This assignment will show the features of 330 Fellowship Road in further detail.

The schedule is just an expansion of the schedule generated for the First Technical Report. It follows roughly an 18 month schedule.

The 330 Fellowship Road project might have been cramped for space during the demolition phase; however afterward there weren't any problems considering they were placing a smaller footprint than each building, on a site where they demolished two. There was only one slight inconvenience with the site plans I developed, which will be explained inside that section.

An Assembly estimate details the costs for a rough \$/Square Foot cost for the Air Handling Units, as well as a plumbing fixtures estimate. On top of that, and more relevant to future research is the Fire Protection System estimate. Currently it is just a Square Foote estimate; however it will be a more detailed estimate in the future.

The Structural Bay Estimate was done using the R.S. Means 2007 Open Shop Construction Data Manual. The estimate for the structural system came in at \$1,758,000.

The General Conditions estimate does not include home office overhead costs. Those monthly costs are assumed to be over the 18 month period of the project duration. This portion of the project costs is estimated to be \$1,205,000.

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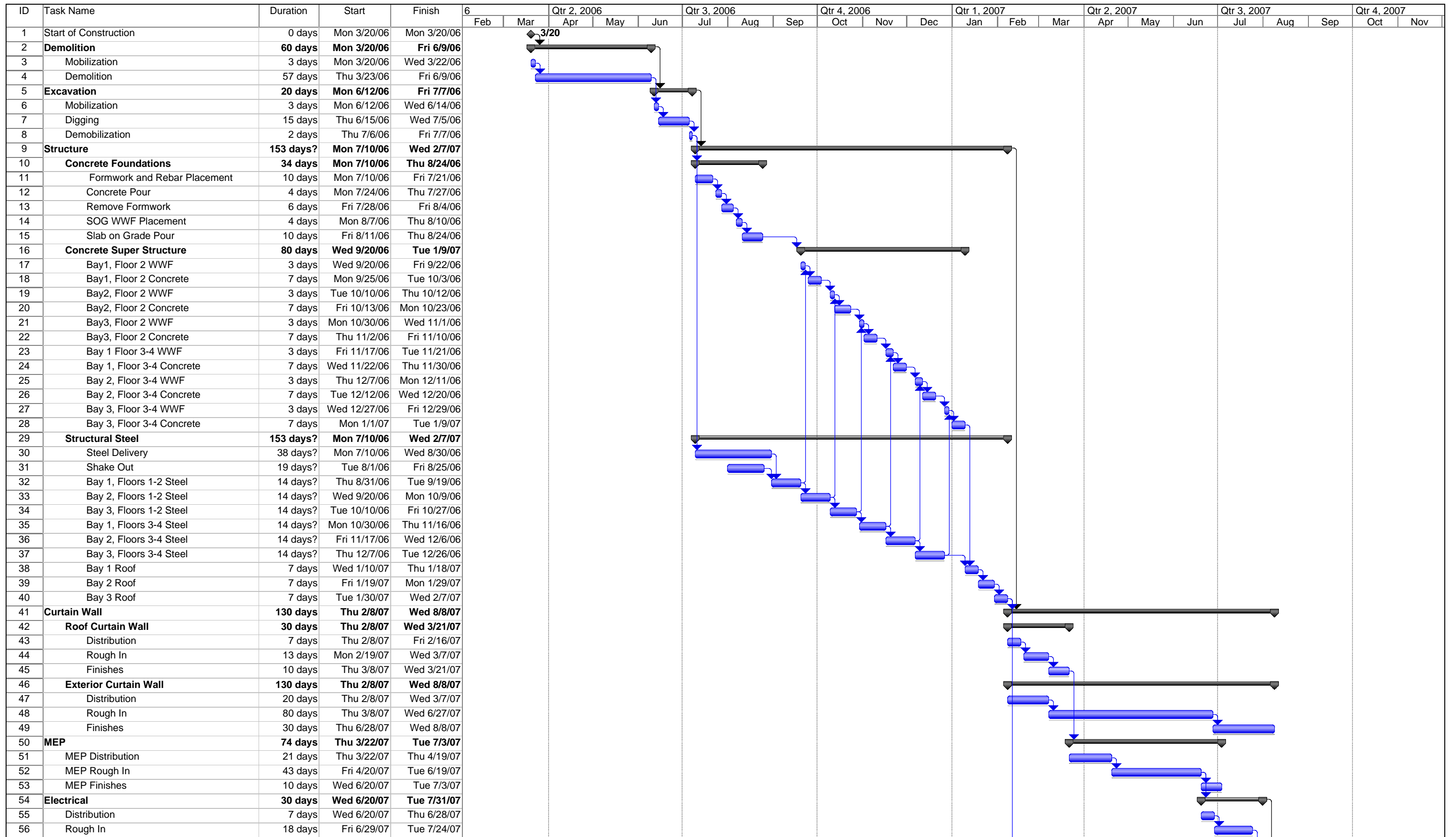
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Project Schedule

The detailed schedule for 330 Fellowship Road project is on two following pages. It is broken up by trade, with the black bars highlighting the portions of that particular trade's work. There is a parade of trades for the super structure between the steel construction and the concrete slab placement, however it was not known or detailed if this happened for any of the other trades.

The project's schedule starts on 3/20/06 with the mobilization of the demolition vehicles. It was supposed to be finished in late October 2007 on the 23rd. However the real project seemed to have delays with the curtain wall system, namely the exterior glass finishes.

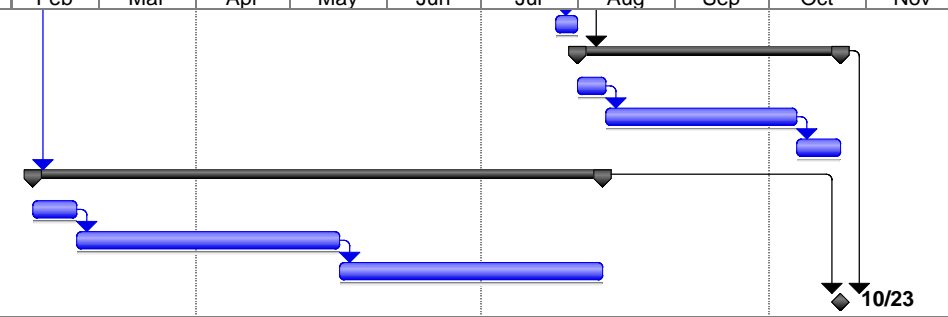
Every week the owner's representative would meet with the project superintendent as well as the Superintendents for the Contractors discuss the progress. They kept very detailed summaries in the project trailer.



Project: Detailed Schedule
Date: Mon 12/3/07

Task		Progress		Summary		External Tasks		Deadline	
Split		Milestone		Project Summary		External Milestone			

ID	Task Name	Duration	Start	Finish	6		Qtr 2, 2006			Qtr 3, 2006			Qtr 4, 2006			Qtr 1, 2007			Qtr 2, 2007			Qtr 3, 2007			Qtr 4, 2007	
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
57	Finishes	5 days	Wed 7/25/07	Tue 7/31/07																						
58	Interior Finishes	60 days	Wed 8/1/07	Tue 10/23/07																						
59	Distribution	7 days	Wed 8/1/07	Thu 8/9/07																						
60	Rough In	43 days	Fri 8/10/07	Tue 10/9/07																						
61	Finishes	10 days	Wed 10/10/07	Tue 10/23/07																						
62	Site Work	130 days	Thu 2/8/07	Wed 8/8/07																						
63	Mobilization	10 days	Thu 2/8/07	Wed 2/21/07																						
64	Retention Ponds	60 days	Thu 2/22/07	Wed 5/16/07																						
65	Landscaping	60 days	Thu 5/17/07	Wed 8/8/07																						
66	Ready for Tenant Fit Out	0 days	Tue 10/23/07	Tue 10/23/07																						



Project: Detailed Schedule
Date: Mon 12/3/07

Task		Progress		Summary		External Tasks		Deadline	
Split		Milestone		Project Summary		External Milestone			

Site Layout Plan

The following 6 pages show the progression of the site plan from the demolition phase, all the way into the finished site layout. Site Layout Drawing 1 shows the demolition of the two buildings on the site when purchased, 330 Fellowship Road and 308 Fellowship Road. The second drawing shows the excavation phase of the project, as well as a crude layout for the current parking lot. The Third drawing shows crane locations and movements, as well as delivery locations, staging and shakeout areas. One of the only problems I foresee with this layout is that the crane on the road side of the building may have space issues, as well as some safety problems considering the location of the road. Because of the tight space, it may be difficult to conduct a staging area on this side.

Next, the fourth drawing shows the man and material hoists for the construction of the interior sections, as well as the curtainwall systems of both the roof and exterior walls. Site Plan 5 shows the construction and location of the two aesthetic retainage ponds. The last plan shows the final site layout.

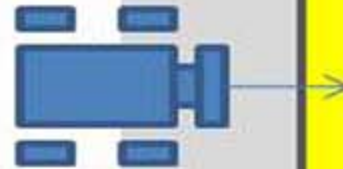
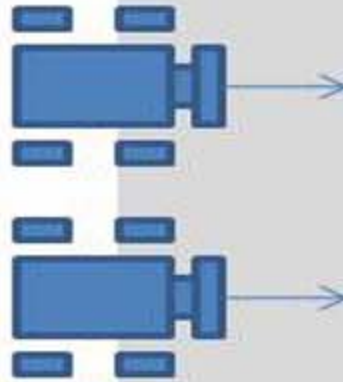
Fellowship Road



North

**330 Fellowship Road
NFL Films Building**

**308
Fellowship
Road**



Parking Lot



Porta Johns

Dumpsters / Recycling

Parking Lot

Springer Wahl

Pre-existing Buildings on proposed lot to be demolished

Phase 1, 3/20/06-6/9/06

Fellowship Road

Excavation Border

**330 Fellowship Road
Excavation**

Parking Lot

Trailer

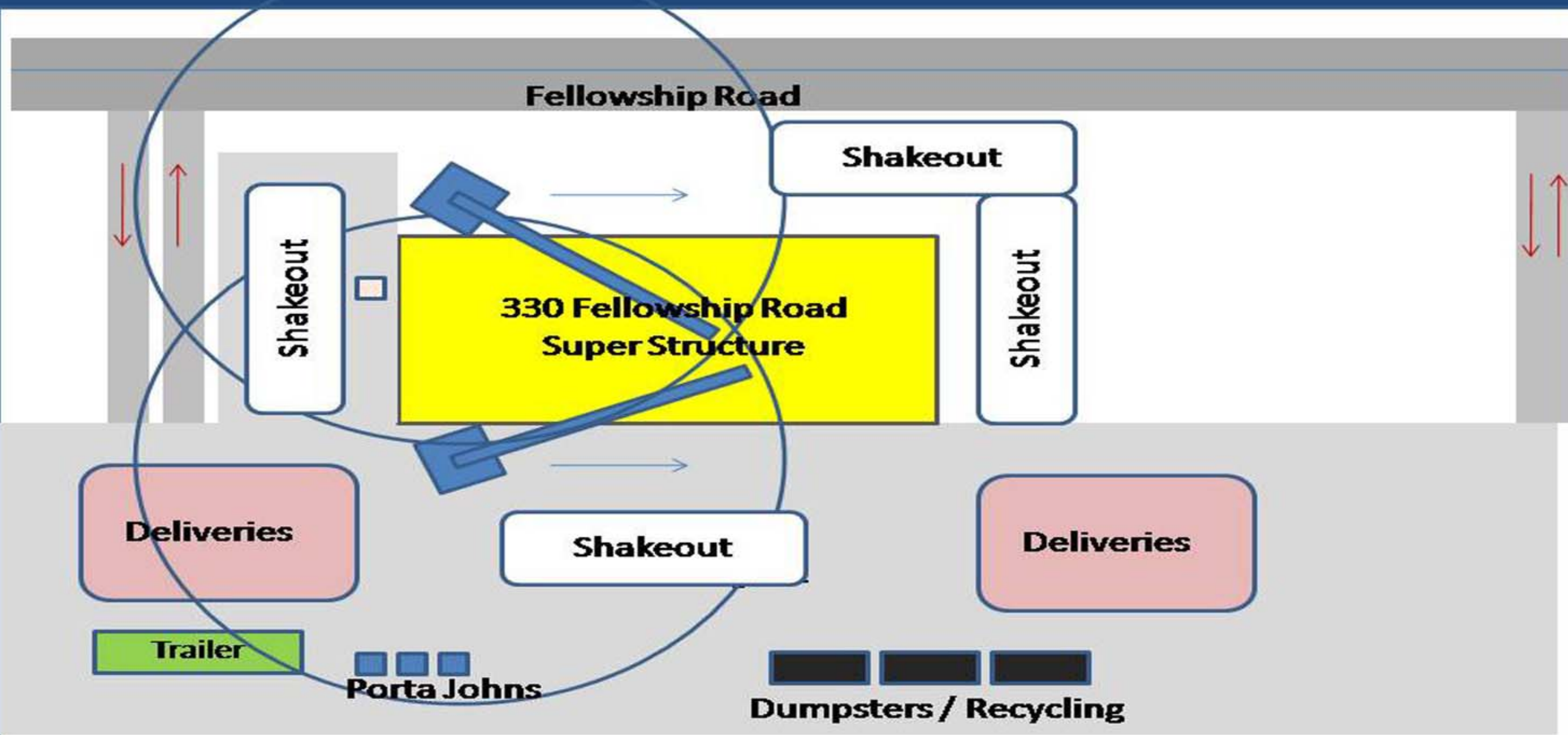
Porta Johns

Dumpsters / Recycling

Springer Wahl

Excavation of site

Excavation, 6/12-7/7/06



□ Permanent Transformer

Springer Wahl

Super Structure, 2 Mobile Cranes, Curtainwall System

Structure 7/10/06-8/8/07

Fellowship Road

Man and Material Hoist

330 Fellowship Road

Man and Material Hoist

Deliveries

Deliveries

Parking Lot

Trailer

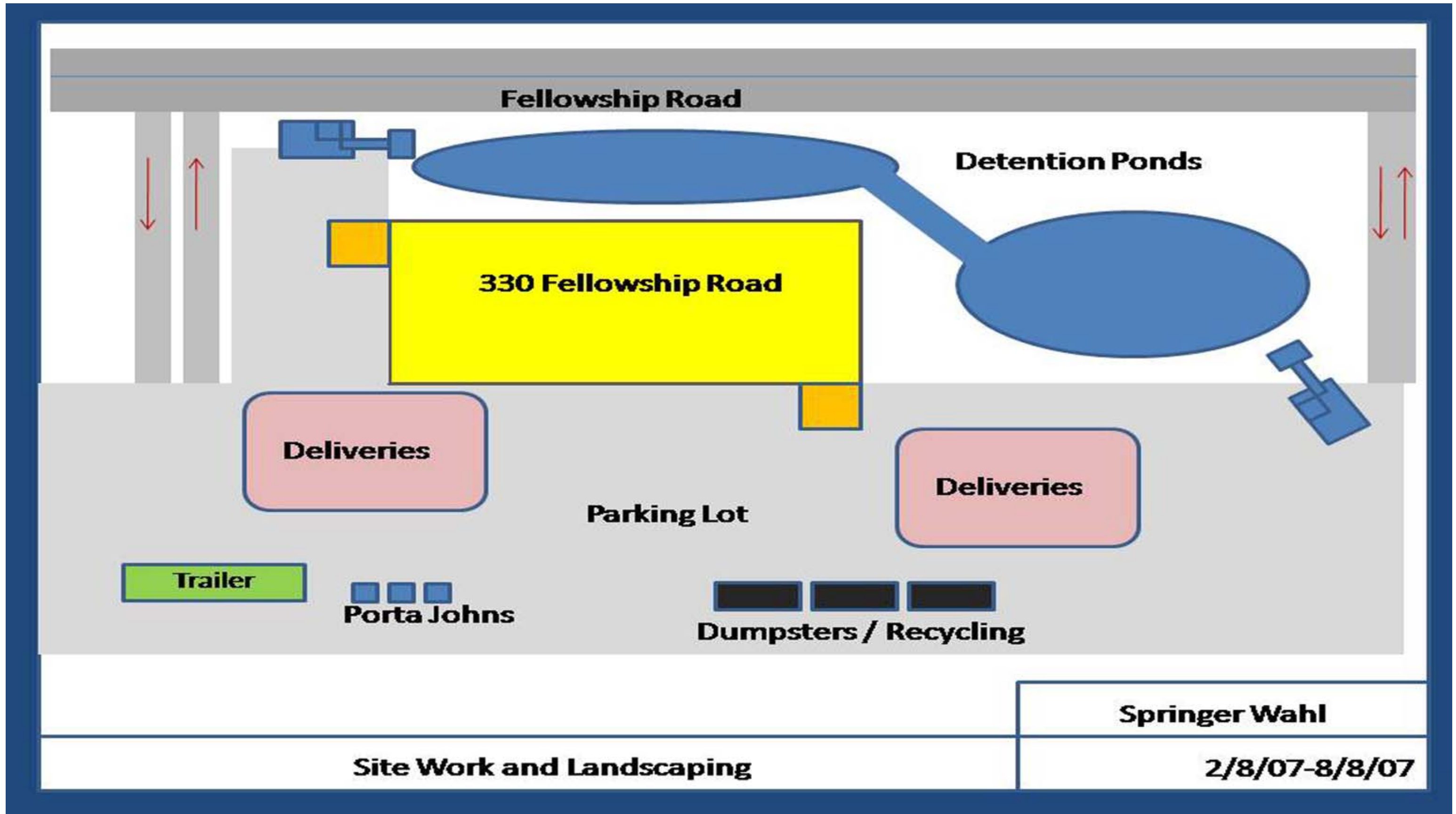
Porta Johns

Dumpsters / Recycling

Springer Wahl

Interior Construction and Finishes

Interior 3/22/07-10/23/07



Fellowship Road

Detention Ponds

330 Fellowship Road

Deliveries

Deliveries

Parking Lot

Trailer

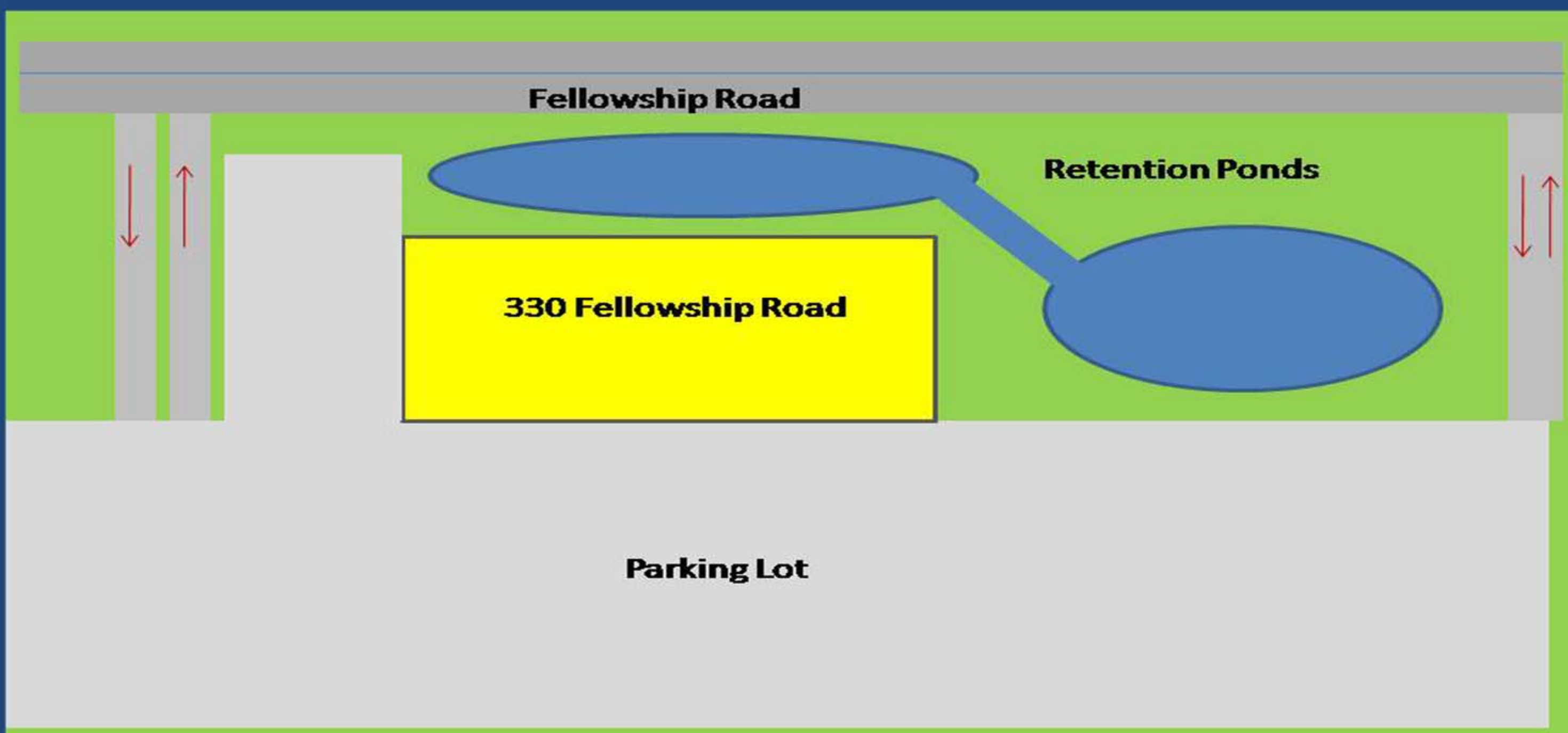
Porta Johns

Dumpsters / Recycling

Springer Wahl

Site Work and Landscaping

2/8/07-8/8/07



	Springer Wahl
Final Site Plan	10/23/07

Assemblies Estimate

The following page / chart shows the assembly completed for the mechanical system, specifically the plumbing, the AHU costs and the Sprinkler System Costs. The total cost of the Assemblies Estimates was about \$2,500,000.

Assemblies Estimate

Plumbing						
Bathrooms			Materials	Installation	Total	O&P
Back to Back Toilets			\$1,880.00	\$915.00	\$2,795.00	\$3,214.25
Pairs	12		\$22,560.00	\$10,980.00	\$33,540.00	\$38,571.00
Single Toilets			\$1,100.00	\$695.00	\$1,795.00	\$2,064.25
	4		\$4,400.00	\$2,780.00	\$7,180.00	\$8,257.00
Urinals			\$570.00	\$665.00	\$1,235.00	\$1,420.25
	12		\$6,840.00	\$7,980.00	\$14,820.00	\$17,043.00
Single Sinks			\$450.00	\$625.00	\$1,075.00	\$1,236.25
	40		\$18,000.00	\$25,000.00	\$43,000.00	\$49,450.00
Subtotal			\$51,800.00	\$46,740.00	\$98,540.00	\$113,321.00
AHU's						
			Materials	Installation	Total	O&P
AHU 1	S.F. Per Floor		\$9.00	\$6.95	\$15.95	\$18.34
	27246		\$245,214.00	\$189,359.70	\$434,573.70	\$499,759.76
AHU 2	S.F. Per Floor		\$9.00	\$6.95	\$15.95	\$18.34
	27246		\$245,214.00	\$189,359.70	\$434,573.70	\$499,759.76
AHU 3	S.F. Per Floor		\$9.00	\$6.95	\$15.95	\$18.34
	27246		\$245,214.00	\$189,359.70	\$434,573.70	\$499,759.76
AHU 4	S.F. Per Floor		\$9.00	\$6.95	\$15.95	\$18.34
	27246		\$245,214.00	\$189,359.70	\$434,573.70	\$499,759.76
Subtotal			\$980,856.00	\$757,438.80	\$1,738,294.80	\$1,999,039.02
Wet Sprinkler System						
			Materials	Installation	Total	O&P
Ordinary Hazard	Square Feet		\$1.26	\$2.10	\$3.36	\$3.86
1st Floor	27246		\$34,329.96	\$57,216.60	\$91,546.56	\$105,278.54
	Square Feet		\$0.93	\$1.90	\$2.83	\$3.25
2nd-4th Floors	81738		\$76,016.34	\$155,302.20	\$231,318.54	\$266,016.32
Subtotal			\$110,346.30	\$212,518.80	\$322,865.10	\$371,294.87
Totals			\$1,143,002.30	\$1,016,697.60	\$2,159,699.90	\$2,483,654.89

Structural Bay Estimate

The following pages will show a chart detailing the structural estimate. The logical bay which was sampled was the North East most third of the building. Then, after calculating an estimate for this bay, it was multiplied by a factor of 3, assuming that the other bays would be very similar, in order to obtain a value for the entire structure. The structure included the foundations, as well as the steel and concrete of the above ground structure. This did not include any of the curtainwall system, because it is not structural.

There were about 120.5 tons of steel in this one bay, giving an estimated 361.5 Tons of steel total. The cost per ton of steel was \$2,522.86. There was about 583 Cubic Yards of concrete in this one bay, giving an estimated 1750 cubic yards for the entire project. The cost per cubic yard was \$106.00. The material costs for the Slab on Grade is listed at \$124.00, but this includes rebar, WWF, and formwork costs.

The total estimate for the single bay comes in at \$612,500, with a location adjusted estimated full structural cost of \$1,760,000.

2nd Floor Beams		Materials	Labor	Equipment	Total	Total incl O&P
W18x35	Per Linear Foot	\$39.50	\$2.34	\$1.73	\$43.57	\$50.00
	780	\$30,810.00	\$1,825.20	\$1,349.40	\$33,984.60	\$39,000.00
W16x31	Per Linear Foot	\$35.00	\$1.67	\$1.72	\$38.39	\$43.50
	240	\$8,400.00	\$400.80	\$412.80	\$9,213.60	\$10,440.00
W24x84	Per Linear Foot	\$94.50	\$2.08	\$1.54	\$98.12	\$110.00
	150	\$14,175.00	\$312.00	\$231.00	\$14,718.00	\$16,500.00
W21x50	Per Linear Foot	\$56.50	\$2.11	\$1.56	\$60.17	\$68.00
	50	\$2,825.00	\$105.50	\$78.00	\$3,008.50	\$3,400.00
W24x68	Per Linear Foot	\$76.50	\$2.02	\$1.50	\$80.02	\$99.00
	60	\$4,590.00	\$121.20	\$90.00	\$4,801.20	\$5,940.00
W8x10	Per Linear Foot	\$11.30	\$2.50	\$2.58	\$16.38	\$20.00
	32	\$361.60	\$80.00	\$82.56	\$524.16	\$640.00
Subtotals		\$61,161.60	\$2,844.70	\$2,243.76	\$66,250.06	\$75,920.00
Third Floor Identical		\$61,161.60	\$2,844.70	\$2,243.76	\$66,250.06	\$75,920.00
Fourth Floor Identical		\$61,161.60	\$2,844.70	\$2,243.76	\$66,250.06	\$75,920.00

Roof Beams and Trusses		Materials	Labor	Equipment	Total	Total incl O&P
W16x31	Per Linear Foot	\$35.00	\$1.67	\$1.72	\$38.39	\$43.50
	200	\$7,000.00	\$334.00	\$344.00	\$7,678.00	\$8,700.00
W21x44	Per Linear Foot	\$49.50	\$2.11	\$1.56	\$53.17	\$60.50
	180	\$8,910.00	\$379.80	\$280.80	\$9,570.60	\$10,890.00
W16x26	Per Linear Foot	\$29.50	\$1.50	\$1.55	\$32.55	\$37.00
	270	\$7,965.00	\$405.00	\$418.50	\$8,788.50	\$9,990.00
W14x22	Per Linear Foot	\$25.00	\$1.50	\$1.55	\$28.05	\$32.26
	100	\$2,500.00	\$150.00	\$155.00	\$2,805.00	\$3,225.75
W24x62	Per Linear Foot	\$70.00	\$2.02	\$1.50	\$73.52	\$82.50
	70	\$4,900.00	\$141.40	\$105.00	\$5,146.40	\$5,775.00
W24x55	Per Linear Foot	\$62.00	\$2.50	\$2.58	\$65.52	\$73.50
	150	\$9,300.00	\$375.00	\$387.00	\$9,828.00	\$11,025.00
W8x10	Per Linear Foot	\$11.30	\$2.50	\$2.58	\$16.38	\$20.00
	37	\$418.10	\$92.50	\$95.46	\$606.06	\$740.00
W10x12	Per Linear Foot	\$13.55	\$2.50	\$2.58	\$18.63	\$22.50
	22	\$298.10	\$55.00	\$56.76	\$409.86	\$495.00
W10x30	Per Linear Foot	\$33.00	\$2.60	\$2.70	\$38.30	\$44.05
	48	\$1,584.00	\$124.80	\$129.60	\$1,838.40	\$2,114.16
28k6	Per Linear Foot	\$8.90	\$0.94	\$0.74	\$10.58	\$12.40
	880	\$7,832.00	\$827.20	\$651.20	\$9,310.40	\$10,912.00
22k4	Per Linear Foot	\$6.15	\$1.12	\$0.89	\$8.16	\$9.95
	120	\$738.00	\$134.40	\$106.80	\$979.20	\$1,194.00
Shear Studs	Per	\$0.56	\$0.82	\$0.32	\$1.70	\$1.96
	2298	\$1,286.88	\$1,884.36	\$735.36	\$3,906.60	\$4,492.59
Subtotal		\$52,732.08	\$4,903.46	\$3,465.48	\$60,867.02	\$69,553.50
Columns		Materials	Labor	Equipment	Total	Total incl O&P
W12x50	Per Linear Foot	\$56.50	\$1.45	\$1.50	\$59.45	\$66.50
	240	\$13,560.00	\$348.00	\$360.00	\$14,268.00	\$15,960.00
W12x79	Per Linear	\$89.50	\$2.35	\$2.42	\$94.27	\$108.41

	Foot						
		240	\$21,480.00	\$564.00	\$580.80	\$22,624.80	\$26,018.52
W12x45	Per Linear Foot		\$50.00	\$2.30	\$1.56	\$53.86	\$61.94
		120	\$6,000.00	\$276.00	\$187.20	\$6,463.20	\$7,432.68
W12x53	Per Linear Foot		\$60.00	\$1.88	\$1.93	\$63.81	\$71.00
		240	\$14,400.00	\$451.20	\$463.20	\$15,314.40	\$17,040.00
W12x65	Per Linear Foot		\$73.50	\$2.49	\$1.85	\$77.84	\$87.50
		60	\$4,410.00	\$149.40	\$111.00	\$4,670.40	\$5,250.00
Subtotal			\$59,850.00	\$1,788.60	\$1,702.20	\$63,340.80	\$71,701.20
Roof Screen Forms			Materials	Labor	Equipment	Total	Total incl O&P
W14x22	Per Linear Foot		\$25.00	\$1.50	\$1.55	\$28.05	\$32.26
		100	\$2,500.00	\$150.00	\$155.00	\$2,805.00	\$3,225.75
W16x26	Per Linear Foot		\$29.50	\$1.50	\$1.55	\$32.55	\$37.00
		40	\$1,180.00	\$60.00	\$62.00	\$1,302.00	\$1,480.00
C12x20.7	Per Pound		\$0.62	\$1.52	\$0.23	\$2.37	\$3.90
		8694	\$5,390.28	\$13,214.88	\$1,999.62	\$20,604.78	\$33,906.60
L5x3 1/2x1/2	Per Pound		\$0.62	\$2.87	\$0.43	\$3.92	\$6.75
		2048	\$1,269.76	\$5,877.76	\$880.64	\$8,028.16	\$13,824.00
Subtotal			\$10,340.04	\$19,302.64	\$3,097.26	\$32,739.94	\$52,436.35
Concrete Slab On Grade			Materials	Labor	Equipment	Total	Total incl O&P
4" Deep	Per Cubic Yard		\$124.00	\$40.50	\$0.35	\$164.85	\$206.00
		103	\$12,772.00	\$4,171.50	\$36.05	\$16,979.55	\$21,218.00
Finishing	Per S.F.		\$0.00	\$0.31	\$0.00	\$0.31	\$0.49
Screed and Bull		8325	\$0.00	\$2,580.75	\$0.00	\$2,580.75	\$4,079.25
Subtotal			\$12,772.00	\$6,752.25	\$36.05	\$19,560.30	\$25,297.25
Edge Footing	Per Cubic Yard		\$106.00	\$0.00	\$0.00	\$106.00	\$116.00
		58.7	\$6,222.20	\$0.00	\$0.00	\$6,222.20	\$6,809.20
Placement	Per Cubic Yard		\$0.00	\$9.35	\$0.36	\$9.71	\$16.10
		58.7	\$0.00	\$548.85	\$21.13	\$569.98	\$945.07
Rebar #7	Per Ton		\$850.00	\$470.00	\$0.00	\$1,320.00	\$1,775.00
		0.23046	\$195.89	\$108.32	\$0.00	\$304.21	\$409.07
Formwork	Per S.F.C.A.		\$2.64	\$2.15	\$0.00	\$4.79	\$6.55
1 Use		1613.64	\$4,260.01	\$3,469.33	\$0.00	\$7,729.34	\$10,569.34
Subtotal			\$10,678.10	\$4,126.49	\$21.13	\$14,825.72	\$18,732.68

		Materials	Labor	Equipment	Total	Total incl O&P
Concrete Decking						
3" 20ga Galv	Per S.F.	\$1.79	\$0.34	\$0.04	\$2.17	\$2.67
	24975	\$44,705.25	\$8,491.50	\$999.00	\$54,195.75	\$66,683.25
Concrete Decking						
3500 PSI Normal	CY	\$106.00	\$0.00	\$0.00	\$106.00	\$116.00
	349.65	\$37,062.90	\$0.00	\$0.00	\$37,062.90	\$40,559.40
WWF	Per 100 S.F.	\$12.75	\$14.15	\$0.00	\$26.90	\$39.00
6x6 w1.4xw1.4	249.75	\$3,184.31	\$3,533.96	\$0.00	\$6,718.28	\$9,740.25
Subtotal		\$84,952.46	\$12,025.46	\$999.00	\$97,976.93	\$116,982.90
Roof						
		Materials	Labor	Equipment	Total	Total incl O&P
Roof Decking	Per S.F.	\$1.34	\$0.19	\$0.03	\$1.56	\$1.80
	8325	\$11,159.66	\$1,604.56	\$249.75	\$13,013.97	\$14,966.07
Subtotal		\$11,159.66	\$1,604.56	\$249.75	\$13,013.97	\$14,966.07
Column Footings						
		Materials	Labor	Equipment	Total	Total incl O&P
9'x9'	Per Cubic Yard	\$106.00	\$0.00	\$0.00	\$106.00	\$116.00
Quantity: 4	27	\$2,862.00	\$0.00	\$0.00	\$2,862.00	\$3,132.00
6'x6'	Per Cubic Yard	\$106.00	\$0.00	\$0.00	\$106.00	\$116.00
Quantity: 6	16	\$1,696.00	\$0.00	\$0.00	\$1,696.00	\$1,856.00
9.5'x9.5'	Per Cubic Yard	\$106.00	\$0.00	\$0.00	\$106.00	\$116.00
Quantity: 1	7.35	\$779.10	\$0.00	\$0.00	\$779.10	\$852.60
11'x6'	Per Cubic Yard	\$106.00	\$0.00	\$0.00	\$106.00	\$116.00
Quantity: 4	21.2	\$2,247.20	\$0.00	\$0.00	\$2,247.20	\$2,459.20
Placement	Per Cubic Yard	\$0.00	\$9.35	\$0.36	\$9.71	\$16.10
	71.55	\$0.00	\$668.99	\$25.76	\$694.75	\$1,151.96
Rebar #4-#7	Per Ton	\$850.00	\$470.00	\$0.00	\$1,320.00	\$1,775.00
	1.035448	\$880.13	\$486.66	\$0.00	\$1,366.79	\$1,837.92
Rebar #8-#18	Per Ton	\$805.00	\$276.00	\$0.00	\$1,081.00	\$1,375.00
	1.05732	\$851.14	\$291.82	\$0.00	\$1,142.96	\$1,453.82
Formwork	Per S.F.C.A.	\$1.45	\$2.15	\$0.00	\$3.28	\$4.70
2 Use	459	\$665.55	\$986.85	\$0.00	\$1,505.52	\$2,157.30
Subtotal		\$9,981.12	\$2,434.32	\$25.76	\$12,294.32	\$14,900.79
Total Estimated Totals		\$435,950.27	\$61,471.88	\$16,327.91	\$513,369.18	\$612,330.74
Location Adjustments 08054		\$1,307,850.81	\$184,415.65	\$48,983.73	\$1,540,107.55	\$1,836,992.21
		\$1,260,768.18	\$218,716.96	\$48,983.73	\$1,528,468.87	\$1,757,739.20

General Conditions Estimate

The following chart shows the general conditions estimate for the 330 Fellowship Road project. It shows the project duration of 18 months, as well as all of the fees, taxes and permits that are required to have to proceed. This estimate also shows all of the costs required to maintain the job, not necessarily costs for construction. Given that, it does not include home office overhead. This estimate totals out at \$1,205,000.

General Conditions Estimate		Materials	Labor	Equipmen t	Total	Total incl O&P
		\$20,500.0				
Trailer	Each	0	\$780.00	\$0.00	\$21,280.00	\$23,800.00
	1	\$20,500.0	0	\$780.00	\$0.00	\$21,280.00
	1	0	\$780.00	\$0.00	\$21,280.00	\$23,800.00
	Per					
Portajohn	Month	\$0.00	\$0.00	\$0.00	\$165.00	\$189.75
	22	\$0.00	\$0.00	\$0.00	\$3,630.00	\$4,174.50
Photographs	Each	\$450.00	\$0.00	\$0.00	\$450.00	\$495.00
Sets	2	\$900.00	\$0.00	\$0.00	\$900.00	\$990.00
Field Testing		\$0.00	\$0.00	\$0.00	\$31,000.00	\$34,000.00
	1	\$0.00	\$0.00	\$0.00	\$31,000.00	\$34,000.00
Field Engineer	Week	\$0.00	\$740.00	\$0.00	\$740.00	\$1,250.00
	72	\$0.00	\$53,280.00	\$0.00	\$53,280.00	\$90,000.00
Project Manager	Week	\$0.00	\$1,200.00	\$0.00	\$1,200.00	\$2,025.00
	72	\$0.00	\$86,400.00	\$0.00	\$86,400.00	\$145,800.00
Superintendent	Week	\$0.00	\$1,125.00	\$0.00	\$1,125.00	\$1,900.00
	72	\$0.00	\$81,000.00	\$0.00	\$81,000.00	\$136,800.00
Temp Heat	CSF Floor	\$10.35	\$1.77	\$0.00	\$12.12	\$14.35
		\$11,279.8				
	1089.84	4	\$1,929.02	\$0.00	\$13,208.86	\$15,639.20
Temp Power	CSF Floor	\$2.63	\$8.25	\$0.00	\$10.88	\$16.35
	1089.84	\$2,866.28	\$8,991.18	\$0.00	\$11,857.46	\$17,818.88
Security Dog	Each	\$0.00	\$0.00	\$0.00	\$2,000.00	\$2,250.00
	1	\$0.00	\$0.00	\$0.00	\$2,000.00	\$2,250.00
		\$35,546.1	\$232,380.2		\$304,556.3	
Subtotal		2	0	\$0.00	2	\$471,272.59
Field Office		Materials	Labor	Equipmen t	Total	Total incl O&P

Equipment Rental	Month	\$150.00	\$0.00	\$0.00	\$150.00	\$165.00
	18	\$2,700.00	\$0.00	\$0.00	\$2,700.00	\$2,970.00
Office Supplies	Month	\$95.00	\$0.00	\$0.00	\$95.00	\$105.00
	18	\$1,710.00	\$0.00	\$0.00	\$1,710.00	\$1,890.00
Telephone	Month	\$210.00	\$0.00	\$0.00	\$210.00	\$231.00
	18	\$3,780.00	\$0.00	\$0.00	\$3,780.00	\$4,158.00
HVAC	Month	\$110.00	\$0.00	\$0.00	\$110.00	\$121.00
	18	\$1,980.00	\$0.00	\$0.00	\$1,980.00	\$2,178.00
		\$10,170.0				
Subtotal		0	\$0.00	\$0.00	\$10,170.00	\$11,196.00
Total		\$45,716.1	\$232,380.2	\$0.00	\$314,726.3	\$482,468.59
		2	0	\$0.00	2	\$482,468.59
Total estimated cost, excluding General Conditions						\$7,256,404.0
						0
	Builder's Risk Insurance			0.0044		\$31,928.18
	Public Liability Insurance			0.0202		\$146,579.36
	Performance Bond Scheduling			0.01		\$72,564.04
	g			0.0075		\$54,423.03
	Permits			0.005		\$36,282.02
	Cleanup			0.005		\$36,282.02
	Contingency Fee			0.002		\$14,512.81
	Commissioning			0.006		\$43,538.42
	General Contractor's Fee			0.03		\$217,692.12
Subtotal						\$1,136,270.5
						9
Location Adjustment 080						\$68,176.24
Total						\$1,204,446.8
						2