

# APPENDIX I

AREA 2 First Floor Concrete Slab												
Assumptions:												
Length= 122'												
Width= 45'												
Thickness= 12"												
Story Height= 12'												
5000psi Concrete												
Standard Wood Forms												
4 Edges Formed												
Float Finish												
Reinforcing Steel= 2.9 lbs/sqft												
Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.616	SLAB FORM W/2.8 BM/SF	4,477.40	SQFT	2.7392	C311	420.696	DAY	468.2849	10.64284	12,264.49	5,991.66	18,256.15
3111.624	SLAB EDGE FORM	334	SQFT	2.1511	C311	535.719	DAY	27.43229	0.62346	718.467	284.802	1,003.27
3150.65	SCREEDS FOR SLAB	658.8	LNFT	0.9219	C311	1,250.00	DAY	23.18976	0.52704	607.348	210.816	818.164
3150.9	FORM RELEASING AGENT	4,811.40	SQFT	0.2095	C311	5,500.00	DAY	38.4912	0.8748	1,007.99	110.662	1,118.65
3210.13	SUPPORTED SLAB REBAR	159.21	CWT	32.3636	C321	55	DAY	162.1047	2.89473	5,152.61	4,258.87	9,411.48
3311.5	**CONC IN SUPPORTED SLAB**		****									
3311.531	5000 PSI DIRECT	203.33	CUYD	11.7429	C216	75	DAY	97.6	2.71111	2,387.72	12,200.00	14,587.72
3315.986	* SUPPORTED SLAB AREA *	5,490.00	SQFT									
3350.131	POINT & PATCH	4,811.40	SQFT	0.1102	C276	7,500.00	DAY	20.52864	0.64152	530.216	61.586	591.802
3350.132	FLOAT FINISH	5,490.00	SQFT	0.2754	C276	3,000.00	DAY	58.56	1.83	1,511.95		1,511.95
3390.01	PROTECT & CURE	5,490.00	SQFT	0.1102	C276	7,500.00	DAY	23.424	0.732	604.998	105.408	710.406
3250.01	POST TENSIONING		****									
3250.056	GREASED STRANDS	2,882.25	LBS	0.6827	C322	1,500.00	DAY	61.488	1.9215	1,967.71	2,939.90	4,988.89
									<b>23.399</b>	<b>26753.5</b>	<b>26163.69</b>	<b>52998.48</b>



<h2>Beam B5</h2>	
<b>Assumptions:</b>	
Width= 5'	
Depth below slab= .67'	
Length= 62'	
Story Height= 12'	
5000psi Concrete	
Wood Soffit Forms and Shoring	
Wood Side Forms	

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.407	BEAM SOFFIT FORMS 10'-12' HIGH	310	SQFT	5.6457	C311	204.112	DAY	66.82606	1.51877	1,750.17	1,157.60	2,907.77
3111.42	BEAM SIDE FORMS	83.08	SQFT	2.8709	C311	401.398	DAY	9.10697	0.20698	238.514	85.381	323.896
3111.524	Beam w/slab shoring 10'-12'	310	SQFT	5.6457	C311	204.112	DAY	66.82606	1.51877	1,750.17	1,157.60	2,907.77
3150.9	FORM RELEASING AGENT	393.08	SQFT	0.2095	C311	5,500.00	DAY	3.14464	0.07147	82.35	9.041	91.391
3210.901	RE-STEEL @ BEAMS W/SLAB	15.39	CWT	32.3636	C321	55	DAY	15.66492	0.27973	497.92	411.554	909.474
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.136	5000 PSI W/PUMP	7.69	CUYD	15.1196	C235	100	DAY	4.92326	0.07693	116.309	461.556	618.481
3315.985	* LENGTH OF BEAMS *	62	LNFT									
3350.131	POINT & PATCH	393.08	SQFT	0.1102	C276	7,500.00	DAY	1.67714	0.05241	43.317	5.031	48.349
									<b>3.72506</b>	<b>4478.744</b>	<b>3287.767</b>	<b>7807.129</b>

<h2>Beam B6</h2>	
<b>Assumptions:</b>	
Width= 3.33'	
Depth below slab= .67'	
Length= 62'	
Story Height= 12'	
5000psi Concrete	
Wood Soffit Forms and Shoring	
Wood Side Forms	

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.407	BEAM SOFFIT FORMS 10'-12' HIGH	206.46	SQFT	5.6457	C311	204.112	DAY	44.50615	1.0115	1,165.61	770.963	1,936.57
3111.42	BEAM SIDE FORMS	83.08	SQFT	2.8709	C311	401.398	DAY	9.10697	0.20698	238.514	85.381	323.896
3111.524	Beam w/slab shoring 10'-12'	206.46	SQFT	5.6457	C311	204.112	DAY	44.50615	1.0115	1,165.61	770.963	1,936.57
3150.9	FORM RELEASING AGENT	289.54	SQFT	0.2095	C311	5,500.00	DAY	2.31632	0.05264	60.659	6.659	67.318
3210.901	RE-STEEL @ BEAMS W/SLAB	10.25	CWT	32.3636	C321	55	DAY	10.43283	0.1863	331.615	274.095	605.709
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.136	5000 PSI W/PUMP	5.12	CUYD	15.1196	C235	100	DAY	3.27889	0.05123	77.462	307.396	411.909
3315.985	* LENGTH OF BEAMS *	62	LNFT									
3350.131	POINT & PATCH	289.54	SQFT	0.1102	C276	7,500.00	DAY	1.23537	0.03861	31.907	3.706	35.613
									<b>2.55876</b>	<b>3071.379</b>	<b>2219.163</b>	<b>5317.593</b>

<h2>Beam B7</h2>	
<b>Assumptions:</b>	
Width= 5'	
Depth below slab= .67'	
Length= 52'	
Story Height= 7'	
5000psi Concrete	
Wood Soffit Forms and Shoring	
Wood Side Forms	

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.403	BEAM SOFFIT FORMS 4'-8' HIGH	260	SQFT	5.0733	C311	227.143	DAY	50.36475	1.14465	1,319.06	779.74	2,098.80
3111.42	BEAM SIDE FORMS	69.68	SQFT	2.8709	C311	401.398	DAY	7.6381	0.17359	200.044	71.61	271.654
3111.522	Beam w/slab shoring 4'-8'	260	SQFT	5.0733	C311	227.143	DAY	50.36475	1.14465	1,319.06	779.74	2,098.80
3150.9	FORM RELEASING AGENT	329.68	SQFT	0.2095	C311	5,500.00	DAY	2.63744	0.05994	69.068	7.583	76.651
3210.901	RE-STEEL @ BEAMS W/SLAB	12.9	CWT	32.3636	C321	55	DAY	13.13832	0.23461	417.61	345.174	762.784
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.136	5000 PSI W/PUMP	6.45	CUYD	15.1196	C235	100	DAY	4.12919	0.06452	97.549	387.111	518.726
3315.985	* LENGTH OF BEAMS *	52	LNFT									
3350.131	POINT & PATCH	329.68	SQFT	0.1102	C276	7,500.00	DAY	1.40663	0.04396	36.331	4.22	40.551
									<b>2.86592</b>	<b>3458.718</b>	<b>2375.178</b>	<b>5867.962</b>

<h2>Beam B8</h2>	
<b>Assumptions:</b>	
Width= 3.33'	
Depth below slab= .67'	
Length= 52'	
Story Height= 7'	
5000psi Concrete	
Wood Soffit Forms and Shoring	
Wood Side Forms	

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.403	BEAM SOFFIT FORMS 4'-8' HIGH	173.16	SQFT	5.0733	C311	227.143	DAY	33.54292	0.76234	878.493	519.307	1,397.80
3111.42	BEAM SIDE FORMS	69.68	SQFT	2.8709	C311	401.398	DAY	7.6381	0.17359	200.044	71.61	271.654
3111.522	Beam w/slab shoring 4'-8'	173.16	SQFT	5.0733	C311	227.143	DAY	33.54292	0.76234	878.493	519.307	1,397.80
3150.9	FORM RELEASING AGENT	242.84	SQFT	0.2095	C311	5,500.00	DAY	1.94272	0.04415	50.875	5.585	56.46
3210.901	RE-STEEL @ BEAMS W/SLAB	8.59	CWT	32.3636	C321	55	DAY	8.75012	0.15625	278.128	229.886	508.014
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.131	5000 PSI DIRECT	4.3	CUYD	14.6787	C216	60	DAY	2.57816	0.07162	63.073	257.816	320.889
3315.985	* LENGTH OF BEAMS *	52	LNFT									
3350.131	POINT & PATCH	242.84	SQFT	0.1102	C276	7,500.00	DAY	1.03612	0.03238	26.761	3.108	29.869
									<b>2.00267</b>	<b>2375.867</b>	<b>1606.619</b>	<b>3982.484</b>

<h2>Beam B9</h2>	
<b>Assumptions:</b>	
Width= 5'	
Depth below slab= .67'	
Length= 122'	
Story Height= 15'	
5000psi Concrete	
Wood Soffit Forms and Shoring	
Wood Side Forms	

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.411	BEAM SOFFIT FORMS 14'-16' HIGH	1,830.00	SQFT	6.2569	C311	184.175	DAY	437.1929	9.9362	11,450.13	7,841.92	19,292.04
3111.42	BEAM SIDE FORMS	490.44	SQFT	2.8709	C311	401.398	DAY	53.76051	1.22183	1,408.00	504.025	1,912.03
3111.526	Beam w/slab shoring 14'-16'	1,830.00	SQFT	6.2569	C311	184.175	DAY	437.1929	9.9362	11,450.13	7,841.92	19,292.04
3150.9	FORM RELEASING AGENT	2,320.44	SQFT	0.2095	C311	5,500.00	DAY	18.56352	0.4219	486.132	53.37	539.502
3210.901	RE-STEEL @ BEAMS W/SLAB	90.82	CWT	32.3636	C321	55	DAY	92.47354	1.65131	2,939.33	2,429.49	5,368.83
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.136	5000 PSI W/PUMP	45.41	CUYD	15.1196	C235	100	DAY	29.06311	0.45411	686.598	2,724.67	3,651.04
3315.985	* LENGTH OF BEAMS *	366	LNFT									
3350.131	POINT & PATCH	2,320.44	SQFT	0.1102	C276	7,500.00	DAY	9.90054	0.30939	255.712	29.702	285.414
									23.93094	28676.03	21425.09	50340.895

<h2>Beam B10</h2>	
<b>Assumptions:</b>	
Width= 3.33'	
Depth below slab= .67'	
Length= 122'	
Story Height= 15'	
5000psi Concrete	
Wood Soffit Forms and Shoring	
Wood Side Forms	

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.411	BEAM SOFFIT FORMS 14'-16' HIGH	1,218.78	SQFT	6.2569	C311	184.175	DAY	291.1705	6.61751	7,625.79	5,222.72	12,848.50
3111.42	BEAM SIDE FORMS	490.44	SQFT	2.8709	C311	401.398	DAY	53.76051	1.22183	1,408.00	504.025	1,912.03
3111.526	Beam w/slab shoring 14'-16'	1,218.78	SQFT	6.2569	C311	184.175	DAY	291.1705	6.61751	7,625.79	5,222.72	12,848.50
3150.9	FORM RELEASING AGENT	1,709.22	SQFT	0.2095	C311	5,500.00	DAY	13.67376	0.31077	358.082	39.312	397.394
3210.901	RE-STEEL @ BEAMS W/SLAB	60.49	CWT	32.3636	C321	55	DAY	61.58737	1.09977	1,957.60	1,618.04	3,575.64
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.136	5000 PSI W/PUMP	30.24	CUYD	15.1196	C235	100	DAY	19.35603	0.30244	457.274	1,814.63	2,431.59
3315.985	* LENGTH OF BEAMS *	366	LNFT									
3350.131	POINT & PATCH	1,709.22	SQFT	0.1102	C276	7,500.00	DAY	7.29267	0.2279	188.356	21.878	210.234
									16.39773	19620.88	14443.32	34223.888

## Beam Post-Tensioning

Item Code	Description	Quantity	UM	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3250.01	POST TENSIONING		****								
3250.051	BEAMS		****								
3250.052	GREASED STRANDS	7,686.00	LBS	C322	1,500.00	DAY	163.968	5.124	5,247.23	7,839.72	13,303.70