

# APPENDIX G

## AREA 1 First Floor Concrete Slab

**Assumptions:**

Length= 116'  
 Width= 40'  
 Thickness= 10"  
 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
3111.612	SLAB FORM W/2.6 BM/SF	3,712.00	SQFT	2.538	C311	454.058	DAY	359.70735	8.17517	9,421.06	4,688.63	14,109.68
3111.624	SLAB EDGE FORM	260	SQFT	2.1511	C311	535.719	DAY	21.35448	0.48533	559.286	221.702	780.988
3150.65	SCREEDS FOR SLAB	556.8	LNFT	0.9219	C311	1,250.00	DAY	19.59936	0.44544	513.314	178.176	691.49
3150.9	FORM RELEASING AGENT	3,972.00	SQFT	0.2095	C311	5,500.00	DAY	31.776	0.72218	832.134	91.356	923.49
3210.13	SUPPORTED SLAB REBAR	134.56	CWT	32.3636	C321	55	DAY	137.00655	2.44655	4,354.85	3,599.48	7,954.33
3311.5	**CONC IN SUPPORTED SLAB**		****									
3311.533	5000 PSI W/CART	143.21	CUYD	14.3996	C220	105	DAY	87.28983	1.3639	2,062.17	8,592.59	10,654.76
3315.986	* SUPPORTED SLAB AREA *	4,640.00	SQFT									
3350.131	POINT & PATCH	3,972.00	SQFT	0.1102	C276	7,500.00	DAY	16.9472	0.5296	437.714	50.842	488.556
3350.132	FLOAT FINISH	4,640.00	SQFT	0.2754	C276	3,000.00	DAY	49.49333	1.54667	1,277.86		1,277.86
3390.01	PROTECT & CURE	4,640.00	SQFT	0.1102	C276	7,500.00	DAY	19.79733	0.61867	511.328	89.088	600.416
3250.01	POST TENSIONING		****									
3250.055	SUPPORTED SLABS		****									
3250.056	GREASED STRANDS	2,436.00	LBS	0.6827	C322	1,500.00	DAY	51.968	1.624	1,663.06	2,484.72	4,216.47
									<b>17.95751</b>	<b>21,632.76</b>	<b>19,996.58</b>	<b>41,698.04</b>

## AREA 1 Second Floor Concrete Slab

**Assumptions:**

Length= 116'  
 Width= 33'  
 Thickness= 12"  
 Story Height= 15'  
 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
3111.618	SLAB FORM W/2.9 BM/SF	2,900.00	SQFT	2.8245	C311	408	DAY	312.7451	7.10784	8,191.05	3,989.82	12,180.87
3111.624	SLAB EDGE FORM	298	SQFT	2.1511	C311	535.719	DAY	24.47552	0.55626	641.028	254.105	895.132
3150.65	SCREEDS FOR SLAB	459.36	LNFT	0.9219	C311	1,250.00	DAY	16.16947	0.36749	423.484	146.995	570.479
3150.9	FORM RELEASING AGENT	3,198.00	SQFT	0.2095	C311	5,500.00	DAY	25.584	0.58145	669.981	73.554	743.535
3210.13	SUPPORTED SLAB REBAR	111.01	CWT	32.3636	C321	55	DAY	113.0304	2.0184	3,592.75	2,969.57	6,562.32
3311.5	**CONC IN SUPPORTED SLAB**		****									
3311.533	5000 PSI W/CART	141.78	CUYD	14.3996	C220	105	DAY	86.41693	1.35026	2,041.54	8,506.67	10,548.21
3315.986	* SUPPORTED SLAB AREA *	3,828.00	SQFT									
3350.131	POINT & PATCH	3,198.00	SQFT	0.1102	C276	7,500.00	DAY	13.6448	0.4264	352.42	40.934	393.354
3350.132	FLOAT FINISH	3,828.00	SQFT	0.2754	C276	3,000.00	DAY	40.832	1.276	1,054.23		1,054.23
3390.01	PROTECT & CURE	3,828.00	SQFT	0.1102	C276	7,500.00	DAY	16.3328	0.5104	421.846	73.498	495.343
3250.01	POST TENSIONING		****									
3250.055	SUPPORTED SLABS		****									
3250.056	GREASED STRANDS	2,009.70	LBS	0.6827	C322	1,500.00	DAY	42.8736	1.3398	1,372.02	2,049.89	3,478.59
										<b>15,5343</b>	<b>18,760.35</b>	<b>18,105.04</b>
											<b>36,922.06</b>	

## Beam B1

**Assumptions:**

Width= 4.67'

Depth below slab= .67'

Length= 116'

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	541.37	SQFT	5.6457	C311	204.112	DAY	116.70244	2.65233	3,056.42	2,021.59	5,078.02
3111.42	BEAM SIDE FORMS	154.74	SQFT	2.8709	C311	401.398	DAY	16.96256	0.38551	444.255	159.03	603.285
3111.524	Beam w/slab shoring 10'-12'	541.37	SQFT	5.6457	C311	204.112	DAY	116.70244	2.65233	3,056.42	2,021.59	5,078.02
3150.9	FORM RELEASING AGENT	696.12	SQFT	0.2095	C311	5,500.00	DAY	5.56893	0.12657	145.836	16.011	161.847
3210.901	RE-STEEL @ BEAMS W/SLAB	26.75	CWT	32.3636	C321	55	DAY	27.23411	0.48632	865.655	715.503	1,581.16
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.133	5000 PSI W/CART	13.37	CUYD	15.1196	C220	100	DAY	8.55929	0.13374	202.208	802.434	1,004.64
3315.985	* LENGTH OF BEAMS *	116	LNFT									
3350.131	POINT & PATCH	696.12	SQFT	0.1102	C276	7,500.00	DAY	2.97009	0.09282	76.712	8.91	85.622
										<b>6,529.62</b>	<b>7,847.51</b>	<b>13,592.58</b>

## Beam B2

**Assumptions:**

Width= 3.33'

Depth below slab= .67'

Length= 116'

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	386.28	SQFT	5.6457	C311	204.112	DAY	83.26958	1.89249	2,180.82	1,442.45	3,623.27
3111.42	BEAM SIDE FORMS	154.74	SQFT	2.8709	C311	401.398	DAY	16.96256	0.38551	444.255	159.03	603.285
3111.524	Beam w/slab shoring 10'-12'	386.28	SQFT	5.6457	C311	204.112	DAY	83.26958	1.89249	2,180.82	1,442.45	3,623.27
3150.9	FORM RELEASING AGENT	541.02	SQFT	0.2095	C311	5,500.00	DAY	4.32819	0.09837	113.345	12.444	125.788
3210.901	RE-STEEL @ BEAMS W/SLAB	19.09	CWT	32.3636	C321	55	DAY	19.4321	0.347	617.662	510.526	1,128.19
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.133	5000 PSI W/CART	9.54	CUYD	15.1196	C220	100	DAY	6.10723	0.09543	144.279	572.553	716.832
3315.985	* LENGTH OF BEAMS *	116	LNFT									
3350.131	POINT & PATCH	541.02	SQFT	0.1102	C276	7,500.00	DAY	2.30837	0.07214	59.621	6.925	66.546
										<b>4,783.43</b>	<b>5,740.80</b>	<b>9,887.18</b>

<h2>Beam B3</h2>
<b>Assumptions:</b>
Width= 4.67'
Depth below slab= .67'
Length= 116'
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	541.37	SQFT	6.2569	C311	184.175	DAY	129.33551	2.93944	3,387.31	2,319.89	5,707.20
3111.42	BEAM SIDE FORMS	154.74	SQFT	2.8709	C311	401.398	DAY	16.96256	0.38551	444.255	159.03	603.285
3111.526	Beam w/slab shoring 14'-16'	541.37	SQFT	6.2569	C311	184.175	DAY	129.33551	2.93944	3,387.31	2,319.89	5,707.20
3150.9	FORM RELEASING AGENT	696.12	SQFT	0.2095	C311	5,500.00	DAY	5.56893	0.12657	145.836	16.011	161.847
3210.901	RE-STEEL @ BEAMS W/SLAB	26.75	CWT	32.3636	C321	55	DAY	27.23411	0.48632	865.655	715.503	1,581.16
3311.1	**CONC IN BEAMS W/SLAB**		****									
3311.133	5000 PSI W/CART	13.37	CUYD	15.1196	C220	100	DAY	8.55929	0.13374	202.208	802.434	1,004.64
3315.985	* LENGTH OF BEAMS *	116	LNFT									
3350.131	POINT & PATCH	696.12	SQFT	0.1102	C276	7,500.00	DAY	2.97009	0.09282	76.712	8.91	85.622
									<b>7.10384</b>	<b>8,432.57</b>	<b>6,332.75</b>	<b>14,765.33</b>

<h2>Beam B4</h2>
<b>Assumptions:</b>
Width= 3.33'
Depth below slab= .67'
Length= 116'
Story Height= 15'
5000psi Concrete
Wood Soffit Forms and Shoring
Wood Side Forms

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.411	BEAM SOFFIT FORMS 14'-16' HIGH	386.28	SQFT	6.2569	C311	184.175	92.28353	2.09735	2,416.92	1,655.29	4,072.20
3111.42	BEAM SIDE FORMS	154.74	SQFT	2.8709	C311	401.398	16.96256	0.38551	444.255	159.03	603.285
3111.526	Beam w/slab shoring 14'-16'	386.28	SQFT	6.2569	C311	184.175	92.28353	2.09735	2,416.92	1,655.29	4,072.20
3150.9	FORM RELEASING AGENT	541.02	SQFT	0.2095	C311	5,500.00	4.32819	0.09837	113.345	12.444	125.788
3210.901	RE-STEEL @ BEAMS W/SLAB	19.09	CWT	32.3636	C321	55	19.4321	0.347	617.662	510.526	1,128.19
3311.1	**CONC IN BEAMS W/SLAB**		****								
3311.133	5000 PSI W/CART	9.54	CUYD	15.1196	C220	100	6.10723	0.09543	144.279	572.553	716.832
3315.985	* LENGTH OF BEAMS *	116	LNFT								
3350.131	POINT & PATCH	541.02	SQFT	0.1102	C276	7,500.00	2.30837	0.07214	59.621	6.925	66.546
								<b>5.19315</b>	<b>6,212.99</b>	<b>4,572.05</b>	<b>10,785.04</b>

## AREA 1 First Floor Columns

**Assumptions:**

Width= 20"

Depth=20"

Length= 11'

Chamfered Corners=4

5000psi Concrete

Plywood Forms

Reinforcing Steel= 375 lb/cuyd

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.202	WOOD COLUMN FORMS, 8'-12'	733.33	SQFT	1.213	C311	950	DAY	33.96491	0.77193	889.533	844.433	1,733.97
3112.1	CHAMFER STRIP	440	LNFT	0.6779	C311	1,700.00	DAY	11.38824	0.25882	298.276	84.48	382.756
3150.9	FORM RELEASING AGENT	733.33	SQFT	0.2095	C311	5,500.00	DAY	5.86667	0.13333	153.633	16.867	170.5
3210.15	COLUMN REBAR	42.44	CWT	24.7222	C321	72	DAY	33.00754	0.58942	1,049.17	1,135.22	2,184.39
3310.65	**CONCRETE IN COLUMNS**		****									
3310.686	5000 PSI W/PUMP	11.32	CUYD	16.7996	C235	90	DAY	8.04755	0.12574	190.119	679.012	928.884
3315.984	* NO. OF COLUMNS *	10	EACH									
3350.131	POINT & PATCH	733.33	SQFT	0.1102	C276	7,500.00	DAY	3.12889	0.09778	80.813	9.387	90.2
									<b>1.97702</b>	<b>2661.541</b>	<b>2769.403</b>	<b>5490.698</b>

## AREA 1 Second Floor Columns

**Assumptions:**

Width= 20"

Depth=20"

Length= 14'

Chamfered Corners=4

5000psi Concrete

Plywood Forms

Reinforcing Steel= 375 lb/cuyd

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3111.203	WOOD COLUMN FORMS, 12'-16'	933.33	SQFT	1.1524	C311	1,000.00	DAY	41.06667	0.93333	1,075.57	1,145.01	2,220.59
3112.1	CHAMFER STRIP	560	LNFT	0.6779	C311	1,700.00	DAY	14.49412	0.32941	379.624	107.52	487.144
3150.9	FORM RELEASING AGENT	933.33	SQFT	0.2095	C311	5,500.00	DAY	7.46667	0.1697	195.533	21.467	217
3210.15	COLUMN REBAR	54.01	CWT	24.7222	C321	72	DAY	42.0096	0.75017	1,335.30	1,444.83	2,780.13
3310.65	**CONCRETE IN COLUMNS**		****									
3310.686	5000 PSI W/PUMP	14.4	CUYD	16.7996	C235	90	DAY	10.24234	0.16004	241.97	864.198	1,182.22
3315.984	* NO. OF COLUMNS *	10	EACH									
3350.131	POINT & PATCH	933.33	SQFT	0.1102	C276	7,500.00	DAY	3.98222	0.12444	102.853	11.947	114.8
									<b>2.46709</b>	<b>3,330.86</b>	<b>3,594.98</b>	<b>7,001.88</b>

## AREA 1 Beam Post-Tensioning

Item Code	Description	Quantity	UM	Labor \$	Crew	Production	Prod. UM	Total Hours	Duration	Labor Total	Material Total	Total Cost
3250.01	POST TENSIONING		****									
3250.051	BEAMS		****									
3250.052	GREASED STRANDS	3,654.00	LBS	0.6827	C322	1,500.00	DAY	77.952	2.436	2,494.59	3,727.08	6,324.71