

EST NUMBER: WEB03000
RUN DATE.: 08/05/09 08:30am
DATA DATE.: SEPT 2009

CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
ESTIMATE SUMMARY

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
FIVE STORY STRUCTURE	68,868.7	2,462,488	2,317,474	154,222	0	4,934,184
SHEAR WALLS	37,138.5	1,347,096	1,412,940	82,654	0	2,842,690
COLUMNS	7,306.8	280,183	352,755	21,603	0	654,541
SLAB ON DECK @ MECH., 6TH, 7TH & 8TH FLR	8,021.0	264,212	494,906	40,756	0	799,874
*** TOTAL ESTIMATED COST ***	121,335.0	4,353,979	4,578,075	299,235	0	9,231,289

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CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
FIVE STORY STRUCTURE SUMMARY - FIVE STORY STRUCTURE

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
CONCRETE	68,868.7	2,462,488	2,317,474	154,222	0	4,934,184
*** FIVE STORY STRUCTURE ESTIMATED COST ***	68,868.7	2,462,488	2,317,474	154,222	0	4,934,184

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ANYTOWN, ANYWHERE
CONCRETE SUMMARY - FIVE STORY STRUCTURE

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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
EQUIPMENT FOUNDATIONS	174.1	6,864	11,929	659	0	19,452
FOOTINGS AND GRADE BEAMS	5,260.1	201,329	354,979	26,443	0	582,751
SLAB ON GRADE	586.0	18,213	26,499	1,895	0	46,607
ELEVATED SLABS	19,782.4	708,895	545,674	25,153	0	1,279,722
POURED WALLS	36,549.0	1,292,507	1,187,267	90,631	0	2,570,405
COLUMNS	5,007.5	181,528	140,128	7,050	0	328,706
TUNNEL	1,509.6	53,152	50,998	2,391	0	106,541
*** CONCRETE ESTIMATED COST ***	68,868.7	2,462,488	2,317,474	154,222	0	4,934,184

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	DOLLARS TOTAL	MATERIAL DOLLARS UNIT	DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	DOLLARS TOTAL	TOTAL DOLLARS
EQUIPMENT FOUNDATIONS													
Tower Crane Foundation				QUANTITY:	52 Cu Yds								
Fine Grade - Hand	256	Sq Ft	0.01	2.6	23.95	62	0	0	0	0	0	0	62
Rebar	12,060	Lbs	0.009	108.5	42.94	4,659	0.6	7,236	0	0	0	0	11,895
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	52	Cu Yds	0	0.0	0	0	90	4,680	0	0	0	0	4,680
Placing Labor - Footings	52	Cu Yds	0.546	28.4	23.95	680	0	0	12.67	659	0	0	1,339
Pump Finish	256	Sq Ft	0.01	2.6	34.14	89	0.05	13	0	0	0	0	102
Set Tower Crane Stools	4	Each	8	32.0	42.94	1,374	0	0	0	0	0	0	1,374
				<hr/>									
Tower Crane Foundation				174.1		6,864		11,929		659		0	19,452
				<hr/>									
*** EQUIPMENT FOUNDATIONS ESTIMATED COST ***				174.1		6,864		11,929		659		0	19,452
FOOTINGS AND GRADE BEAMS													
Building Footings				QUANTITY:	2037 Cu Yds								
Fine Grade - Hand	10,022	Sq Ft	0.01	100.2	23.95	2,400	0	0	0	0	0	0	2,400
Formwork - Footing Steps	53	Each	0.11	5.8	34.77	202	1.75	93	0	0	0	0	295
Tapered Wood Keyway - 2" x 4"	143	Lin Ft	0.02	2.9	34.77	101	0.2	29	0	0	0	0	130
Rebar	258,861	Lbs	0.009	2,329.7	42.94	100,037	0.6	155,317	0	0	0	0	255,354
Anchor Bolts	104	Each	0.5	52.0	42.94	2,233	10	1,040	0	0	0	0	3,273
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	2,037	Cu Yds	0	0.0	0	0	90	183,330	0	0	0	0	183,330
Placing Labor - Footings	2,037	Cu Yds	0.546	1,112.2	23.95	26,637	0	0	12.67	25,809	0	0	52,446
Pump PVC Waterstop	143	Lin Ft	0.08	11.4	34.77	396	1.89	270	0	0	0	0	666
#7 Couplers - 9" x 14"	50	Each	1	50.0	42.94	2,147	0	0	0	0	0	0	2,147
#7 Coupler Bar - 72"	50	Each	1	50.0	42.94	2,147	0	0	0	0	0	0	2,147
#6 Couplers - 9" x 12"	470	Each	1	470.0	42.94	20,182	0	0	0	0	0	0	20,182
#6 Coupler Bar - 72"	470	Each	1	470.0	42.94	20,182	0	0	0	0	0	0	20,182
#5 Couplers - 9" x 10"	175	Each	1	175.0	42.94	7,515	0	0	0	0	0	0	7,515
#5 Coupler Bar - 72"	175	Each	1	175.0	42.94	7,515	0	0	0	0	0	0	7,515
				<hr/>									
Building Footings				5,004.2		191,694		340,079		25,809		0	557,582

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	LABOR DOLLARS TOTAL	LABOR DOLLARS UNIT	MATERIAL DOLLARS TOTAL	MATERIAL DOLLARS UNIT	EQUIPMENT DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	SUBCONTRACT DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL DOLLARS
Building Grade Beams			QUANTITY:		50 Cu Yds							
Fine Grade - Hand	393	Sq Ft	0.01	3.9	23.95	93	0	0	0	0	0	93
Formwork - Walls	931	Sq Ft	0.1	93.1	34.77	3,237	1.75	1,629	0	0	0	4,866
Rebar	14,618	Lbs	0.009	131.6	42.94	5,651	0.6	8,771	0	0	0	14,422
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	50	Cu Yds	0	0.0	0	0	90	4,500	0	0	0	4,500
Placing Labor - Footings Pump	50	Cu Yds	0.546	27.3	23.95	654	0	0	12.67	634	0	1,288
Building Grade Beams				255.9		9,635		14,900		634	0	25,169
*** FOOTINGS AND GRADE BEAMS ESTIMATED COST ***				5,260.1		201,329		354,979		26,443	0	582,751
SLAB ON GRADE												
Building Slab on Grade			QUANTITY:		225 Cu Yds							
Fine Grade - Hand	11,957	Sq Ft	0.01	119.6	23.95	2,864	0	0	0	0	0	2,864
5" Edge Forms	20	Lin Ft	0.053	1.1	34.77	38	0.32	6	0	0	0	44
8" Edge Forms	60	Lin Ft	0.067	4.0	34.77	139	0.39	23	0	0	0	162
1/2" x 6" Expansion Joint Material Isomeric Polymer Foam	1,253	Lin Ft	0.05	62.7	34.77	2,180	0.45	564	0	0	0	2,744
Rebar	1,546	Lbs	0.009	13.9	42.94	597	0.6	928	0	0	0	1,525
Welded Wire Fabric (6/6) 6 x 6 W2.9 x W2.9	13,511	Sq Ft	0.0047	63.5	42.94	2,727	0.12	1,621	0	0	0	4,348
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	225	Cu Yds	0	0.0	0	0	90	20,250	0	0	0	20,250
Placing Labor - Slab on Grade Pump	225	Cu Yds	0.456	102.6	23.95	2,457	0	0	7.83	1,762	0	4,219
Finish	11,957	Sq Ft	0.01	119.6	34.14	4,083	0.05	598	0	0	0	4,681
6" Construction Joint	264	Lin Ft	0.1	26.4	34.77	918	0.75	198	0	0	0	1,116
Sawed Joint	519	Lin Ft	0.025	13.0	23.95	311	0.75	389	0	0	0	700
Building Slab on Grade				526.4		16,314		24,577		1,762	0	42,653
Depressed Slab - 16/S4.0			QUANTITY:		180 Sq Ft							
Fine Grade - Hand	180	Sq Ft	0.01	1.8	23.95	43	0	0	0	0	0	43
5" Edge Forms	12	Lin Ft	0.053	0.6	34.77	21	0.32	4	0	0	0	25
1/2" x 5" Expansion Joint Material Isomeric Polymer Foam	42	Lin Ft	0.05	2.1	34.77	73	0.45	19	0	0	0	92
Welded Wire Fabric (8/8) 6 x 6 W2.1 x W2.1	203	Sq Ft	0.0042	0.9	42.94	39	0.08	16	0	0	0	55

CONCRETE ESTIMATE
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 ESTIMATE DETAIL - FIVE STORY STRUCTURE

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	DOLLARS TOTAL	MATERIAL DOLLARS UNIT	DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	DOLLARS TOTAL	TOTAL DOLLARS
Reinforcing Connectors - Dywidag #11	1,169	Each	1	1,169.0	42.94	50,197	0	0	0	0	0	0	50,197
Welded Plate - 13/S4.2	104	Lin Ft	0.2	20.8	42.94	893	0.8	83	0	0	0	0	976
				14,478.3		520,515		502,187		35,049		0	1,057,751
Building Shear Walls to Elev. 152-5													
Building Shear Walls Elev. 152-5 to Top			QUANTITY: 2238 Cu Yds										
Formwork - Walls	90,147	Sq Ft	0.1	9,014.7	34.77	313,441	1.75	157,757	0	0	0	0	471,198
Blockout - Formwork	1,684	Lin Ft	0.18	303.1	34.77	10,539	2	3,368	0	0	0	0	13,907
Rebar - Walls & Columns	226,266	Lbs	0.009	2,036.4	42.94	87,443	0.5	113,133	0	0	0	0	200,576
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	1,766	Cu Yds	0	0.0	0	0	90	158,940	0	0	0	0	158,940
Concrete - Standard Weight 8000 psi (Type I) Regular Portland Cement	472	Cu Yds	0	0.0	0	0	130	61,360	0	0	0	0	61,360
Placing Labor - Walls - High Crane & Bucket	2,238	Cu Yds	0.895	2,003.0	23.95	47,972	0	0	18.35	41,067	0	0	89,039
Patch & Grout Walls	90,147	Sq Ft	0.015	1,352.2	34.14	46,164	0.03	2,704	0	0	0	0	48,868
Embed Plates	140	Each	1	140.0	42.94	6,012	0	0	0	0	0	0	6,012
Reinforcing Bars - Dywidag - 75K	75,445	Lbs	0.007	528.1	42.94	22,677	0	0	0	0	0	0	22,677
Reinforcing Connectors - Dywidag #11	679	Each	1	679.0	42.94	29,156	0	0	0	0	0	0	29,156
				16,056.5		563,404		497,262		41,067		0	1,101,733
Building Shear Walls Elev. 152-5 to Top			QUANTITY: 789 Cu Yds										
Formwork - Walls	34,960	Sq Ft	0.1	3,496.0	34.77	121,556	1.75	61,180	0	0	0	0	182,736
Formwork - Shoring Bottoms	28	Sq Ft	0.15	4.2	34.77	146	1.02	29	0	0	0	0	175
Blockout - Formwork	375	Lin Ft	0.18	67.5	34.77	2,347	2	750	0	0	0	0	3,097
Formwork - Beams	28	Sq Ft	0.172	4.8	34.77	167	0.93	26	0	0	0	0	193
Beam Bottom	9	Sq Ft	0.111	1.0	34.77	35	0.55	5	0	0	0	0	40
Formwork - Beams	9	Sq Ft	0.111	1.0	34.77	35	0.55	5	0	0	0	0	40
Beam Sides													
Formwork - Pier	1,290	Sq Ft	0.15	193.5	34.77	6,728	1.5	1,935	0	0	0	0	8,663
Wall Keyway	831	Lin Ft	0.025	20.8	34.77	723	0.3	249	0	0	0	0	972
Corbels	126	Sq Ft	0.485	61.1	34.77	2,124	1.25	158	0	0	0	0	2,282
2" x 12" Expansion Joint	20	Lin Ft	0.035	0.7	34.77	24	3.5	70	0	0	0	0	94
2" x 14" Expansion Joint	36	Lin Ft	0.035	1.3	34.77	45	4.1	148	0	0	0	0	193

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Rebar - Walls & Columns	101,033	Lbs	0.009	909.3	42.94	39,045	0.5	50,517	0	0	0	0	89,562
Drill Holes - Rebar	21	Each	0.1	2.1	42.94	90	0	0	0	0	0	0	90
Epoxy Grout Rebar	10	Each	0.1	1.0	42.94	43	3	30	0	0	0	0	73
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	789	Cu Yds	0	0.0	0	0	90	71,010	0	0	0	0	71,010
Placing Labor - Walls - High Crane & Bucket	789	Cu Yds	0.895	706.2	23.95	16,913	0	0	18.35	14,478	0	0	31,391
Patch & Grout Walls	34,960	Sq Ft	0.015	524.4	34.14	17,903	0.03	1,049	0	0	0	0	18,952
Waterstop Hydrophilic	140	Lin Ft	0.05	7.0	34.77	243	1.5	210	0	0	0	0	453
				6,000.9		208,132		187,366		14,478		0	409,976
Stub Wall - 16/S4.0 Formwork - Walls	84	Sq Ft	QUANTITY: 0.1	8.4	2 Cu Yds 34.77	292	1.75	147	0	0	0	0	439
Rebar	204	Lbs	0.009	1.8	42.94	77	0.6	122	0	0	0	0	199
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	2	Cu Yds	0	0.0	0	0	90	180	0	0	0	0	180
Placing Labor - Walls - High Crane & Bucket	2	Cu Yds	0.895	1.8	23.95	43	0	0	18.35	37	0	0	80
Patch & Grout Walls	84	Sq Ft	0.015	1.3	34.14	44	0.03	3	0	0	0	0	47
				13.3		456		452		37		0	945
*** POURED WALLS ESTIMATED COST ***				36,549.0		1,292,507		1,187,267		90,631		0	2,570,405
COLUMNS													
Columns Column Forms - Rectangular	15,578	Sq Ft	QUANTITY: 0.2	3,115.6	427 Cu Yds 34.77	108,329	1.75	27,262	0	0	0	0	135,591
Rebar - Walls & Columns	129,897	Lbs	0.009	1,169.1	42.94	50,201	0.5	64,949	0	0	0	0	115,150
Anchor Bolts	48	Each	0.5	24.0	42.94	1,031	10	480	0	0	0	0	1,511
Concrete - Standard Weight 6000 psi (Type I) Regular Portland Cement	427	Cu Yds	0	0.0	0	0	110	46,970	0	0	0	0	46,970
Placing Labor - Square Columns Pump	427	Cu Yds	0.738	315.1	23.95	7,547	0	0	16.51	7,050	0	0	14,597
Patch & Grout Walls	15,578	Sq Ft	0.015	233.7	34.14	7,979	0.03	467	0	0	0	0	8,446
Embed Plates	150	Each	1	150.0	42.94	6,441	0	0	0	0	0	0	6,441
				5,007.5		181,528		140,128		7,050		0	328,706

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*** COLUMNS ESTIMATED COST ***				5,007.5		181,528		140,128		7,050		0	328,706
TUNNEL													
Tunnel Slab on Grade			QUANTITY:		1032 Sq Ft								
Fine Grade - Hand	1,032	Sq Ft	0.01	10.3	23.95	247	0	0	0	0	0	0	247
1/2" x 6" Expansion Joint Material	228	Lin Ft	0.05	11.4	34.77	396	0.45	103	0	0	0	0	499
Isomeric Polymer Foam													
Welded Wire Fabric (6/6)	1,166	Sq Ft	0.0059	6.9	42.94	296	0.27	315	0	0	0	0	611
4 x 4 W2.9 x W2.9													
Concrete - Standard Weight 4000 psi	20	Cu Yds	0	0.0	0	0	90	1,800	0	0	0	0	1,800
(Type I) Regular Portland Cement													
Placing Labor - Slab on Grade	20	Cu Yds	0.456	9.1	23.95	218	0	0	7.83	157	0	0	375
Pump													
Finish	1,032	Sq Ft	0.01	10.3	34.14	352	0.05	52	0	0	0	0	404
Tunnel Slab on Grade				48.0		1,509		2,270		157		0	3,936
Tunnel Stair on Grade			QUANTITY:		2 Cu Yds								
Fine Grade - Hand	60	Sq Ft	0.01	0.6	23.95	14	0	0	0	0	0	0	14
Formwork - Stair Risers	64	Lin Ft	0.15	9.6	34.77	334	0.75	48	0	0	0	0	382
1/2" x 6" Expansion Joint Material	16	Lin Ft	0.05	0.8	34.77	28	0.45	7	0	0	0	0	35
Isomeric Polymer Foam													
Rebar	106	Lbs	0.009	1.0	42.94	43	0.6	64	0	0	0	0	107
Concrete - Standard Weight 4000 psi	2	Cu Yds	0	0.0	0	0	90	180	0	0	0	0	180
(Type I) Regular Portland Cement													
Placing Labor - Stairs	2	Cu Yds	2	4.0	23.95	96	0	0	0	0	0	0	96
Stairway Finishing - Treads	64	Sq Ft	0.05	3.2	34.14	109	0	0	0	0	0	0	109
Tunnel Stair on Grade				19.2		624		299		0		0	923
Connector Tunnel			QUANTITY:		138 Cu Yds								
Fine Grade - Hand	474	Sq Ft	0.01	4.7	23.95	113	0	0	0	0	0	0	113
Formwork - Walls	6,121	Sq Ft	0.1	612.1	34.77	21,283	1.75	10,712	0	0	0	0	31,995
Blockout - Formwork	45	Lin Ft	0.18	8.1	34.77	282	2	90	0	0	0	0	372
Formwork - Footing Steps	25	Each	0.11	2.8	34.77	97	1.75	44	0	0	0	0	141
Rebar	2,531	Lbs	0.009	22.8	42.94	979	0.6	1,519	0	0	0	0	2,498
Rebar - Walls & Columns	17,988	Lbs	0.009	161.9	42.94	6,952	0.5	8,994	0	0	0	0	15,946

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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	138	Cu Yds	0	0.0	0	0	90	12,420	0	0	0	0	12,420
Placing Labor - Footings Pump	19	Cu Yds	0.546	10.4	23.95	249	0	0	12.67	241	0	0	490
Placing Labor - Walls - High Pump	119	Cu Yds	0.667	79.4	23.95	1,902	0	0	12.42	1,478	0	0	3,380
Patch & Grout Walls	6,121	Sq Ft	0.015	91.8	34.14	3,134	0.03	184	0	0	0	0	3,318
Extruded Polystyrene Board Insulation 2" Thick (Fed. Spec HHI524c Type IV)	608	Sq Ft	0.011	6.7	34.77	233	0.67	407	0	0	0	0	640
Connector Tunnel				1,000.7		35,224		34,370		1,719		0	71,313
Tunnel Structural Slab Formwork - Bottom	1,188	Sq Ft	0.08	95.0	34.77	3,303	1.3	1,544	0	0	0	0	4,847
Formwork - Shoring Bottoms	1,188	Sq Ft	0.15	178.2	34.77	6,196	1.02	1,212	0	0	0	0	7,408
Formwork - 12" Slab Edge Straight Sections	223	Lin Ft	0.12	26.8	34.77	932	0.23	51	0	0	0	0	983
Rebar	10,821	Lbs	0.009	97.4	42.94	4,182	0.6	6,493	0	0	0	0	10,675
Concrete - Standard Weight 5000 psi (Type I) Regular Portland Cement	47	Cu Yds	0	0.0	0	0	100	4,700	0	0	0	0	4,700
Placing Labor - Elevated Slab Pump	47	Cu Yds	0.69	32.4	23.95	776	0	0	10.95	515	0	0	1,291
Finish	1,188	Sq Ft	0.01	11.9	34.14	406	0.05	59	0	0	0	0	465
Tunnel Structural Slab				441.7		15,795		14,059		515		0	30,369
*** TUNNEL ESTIMATED COST ***				1,509.6		53,152		50,998		2,391		0	106,541

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CONCRETE ESTIMATE
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SHEAR WALLS SUMMARY - SHEAR WALLS

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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
CONCRETE	37,138.5	1,347,096	1,412,940	82,654	0	2,842,690
*** SHEAR WALLS ESTIMATED COST ***	37,138.5	1,347,096	1,412,940	82,654	0	2,842,690

EST NUMBER: WEB03000
RUN DATE.: 08/05/09 08:30am
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CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
CONCRETE SUMMARY - SHEAR WALLS

PREPARED FOR: ALL OF OUR CLIENTS
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
FOOTINGS AND GRADE BEAMS	2,409.7	92,396	157,884	6,880	0	257,160
SLAB ON GRADE	45.4	1,436	1,698	152	0	3,286
ELEVATED SLABS	1,393.0	48,951	38,335	2,002	0	89,288
POURED WALLS	33,290.4	1,204,313	1,215,023	73,620	0	2,492,956
*** CONCRETE ESTIMATED COST ***	37,138.5	1,347,096	1,412,940	82,654	0	2,842,690

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN HOURS UNIT	LABOR DOLLARS TOTAL	LABOR DOLLARS UNIT	MATERIAL DOLLARS TOTAL	MATERIAL DOLLARS UNIT	EQUIPMENT DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	SUBCONTRACT DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL DOLLARS
FOOTINGS AND GRADE BEAMS												
Shear Wall Foundation			QUANTITY:	543 Cu Yds								
Fine Grade - Hand	2,438	Sq Ft	0.01	24.4	23.95	584	0	0	0	0	0	584
Formwork - Walls	5,782	Sq Ft	0.1	578.2	34.77	20,104	1.75	10,119	0	0	0	30,223
Tapered Wood Keyway - 2" x 4"	27	Lin Ft	0.02	0.5	34.77	17	0.2	5	0	0	0	22
Rebar	164,575	Lbs	0.009	1,481.2	42.94	63,603	0.6	98,745	0	0	0	162,348
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	543	Cu Yds	0	0.0	0	0	90	48,870	0	0	0	48,870
Placing Labor - Footings	543	Cu Yds	0.546	296.5	23.95	7,101	0	0	12.67	6,880	0	13,981
Pump Finish	2,893	Sq Ft	0.01	28.9	34.14	987	0.05	145	0	0	0	1,132
Shear Wall Foundation				2,409.7		92,396		157,884		6,880	0	257,160
*** FOOTINGS AND GRADE BEAMS ESTIMATED COST ***				2,409.7		92,396		157,884		6,880	0	257,160
SLAB ON GRADE												
Slab on Grade			QUANTITY:	748 Sq Ft								
Fine Grade - Hand	748	Sq Ft	0.01	7.5	23.95	180	0	0	0	0	0	180
8" Edge Forms	69	Lin Ft	0.067	4.6	34.77	160	0.39	27	0	0	0	187
1/2" x 6" Expansion Joint Material Isomeric Polymer Foam	155	Lin Ft	0.05	7.8	34.77	271	0.45	70	0	0	0	341
1/2" x 8" Expansion Joint Material Isomeric Polymer Foam	61	Lin Ft	0.07	4.3	34.77	150	0.6	37	0	0	0	187
Rebar	147	Lbs	0.009	1.3	42.94	56	0.6	88	0	0	0	144
Welded Wire Fabric (6/6) 6 x 6 W2.9 x W2.9	740	Sq Ft	0.0047	3.5	42.94	150	0.12	89	0	0	0	239
Concrete - Standard Weight 4000 psi (Type I) Regular Portland Cement	15	Cu Yds	0	0.0	0	0	90	1,350	0	0	0	1,350
Placing Labor - Slab on Grade	15	Cu Yds	0.594	8.9	23.95	213	0	0	10.15	152	0	365
Crane & Bucket Finish	748	Sq Ft	0.01	7.5	34.14	256	0.05	37	0	0	0	293
Slab on Grade				45.4		1,436		1,698		152	0	3,286
*** SLAB ON GRADE ESTIMATED COST ***				45.4		1,436		1,698		152	0	3,286

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	DOLLARS TOTAL	MATERIAL DOLLARS UNIT	DOLLARS TOTAL	EQUIPMENT DOLLARS UNIT	DOLLARS TOTAL	SUBCONTRACT DOLLARS UNIT	DOLLARS TOTAL	TOTAL DOLLARS
ELEVATED SLABS													
Structural Slabs			QUANTITY:	4552	Sq Ft								
8" Edge Forms	439	Lin Ft	0.067	29.4	34.77	1,022	0.39	171	0	0	0	0	1,193
14" Edge Forms	98	Lin Ft	0.085	8.3	34.77	289	0.67	66	0	0	0	0	355
Formwork - Bottom	3,943	Sq Ft	0.08	315.4	34.77	10,966	1.3	5,126	0	0	0	0	16,092
Formwork - Shoring Bottoms	3,943	Sq Ft	0.15	591.5	34.77	20,566	1.02	4,022	0	0	0	0	24,588
Rebar	25,174	Lbs	0.009	226.6	42.94	9,730	0.6	15,104	0	0	0	0	24,834
Concrete - Standard Weight 5000 psi (Type I) Regular Portland Cement	135	Cu Yds	0	0.0	0	0	100	13,500	0	0	0	0	13,500
Placing Labor - Elevated Slab	135	Cu Yds	0.868	117.2	23.95	2,807	0	0	14.83	2,002	0	0	4,809
Crane & Bucket													
Finish	4,552	Sq Ft	0.01	45.5	34.14	1,553	0.05	228	0	0	0	0	1,781
Patch & Grout Bottom of Slab	3,943	Sq Ft	0.015	59.1	34.14	2,018	0.03	118	0	0	0	0	2,136
				1,393.0		48,951		38,335		2,002		0	89,288
*** ELEVATED SLABS ESTIMATED COST ***				1,393.0		48,951		38,335		2,002		0	89,288
POURED WALLS													
Shear Walls Bid #7 Walls			QUANTITY:	4012	Cu Yds								
Formwork - Walls	171,360	Sq Ft	0.1	17,136.0	34.77	595,819	1.75	299,880	0	0	0	0	895,699
Blockout - Formwork	5,218	Lin Ft	0.18	939.2	34.77	32,656	2	10,436	0	0	0	0	43,092
Tapered Wood Keyway - 2" x 4"	659	Lin Ft	0.02	13.2	34.77	459	0.2	132	0	0	0	0	591
Rebar - Walls & Columns	761,327	Lbs	0.009	6,851.9	42.94	294,221	0.5	380,664	0	0	0	0	674,885
Concrete - Standard Weight 8000 psi (Type I) Regular Portland Cement	4,012	Cu Yds	0	0.0	0	0	130	521,560	0	0	0	0	521,560
Placing Labor - Walls - High	4,012	Cu Yds	0.895	3,590.7	23.95	85,997	0	0	18.35	73,620	0	0	159,617
Crane & Bucket													
Patch & Grout Walls	50,600	Sq Ft	0.015	759.0	34.14	25,912	0.03	1,518	0	0	0	0	27,430
Embed Plates	371	Each	1	371.0	42.94	15,931	0	0	0	0	0	0	15,931
Reinforcing Connectors #5 & #6	1,926	Each	0.1	192.6	42.94	8,270	0	0	0	0	0	0	8,270
Reinforcing Connectors #11	2,956	Each	1	2,956.0	42.94	126,931	0	0	0	0	0	0	126,931
3/8" Plates at Couplers	273	Each	1	273.0	42.94	11,723	0	0	0	0	0	0	11,723
Precast Ledge	546	Sq Ft	0.08	43.7	34.77	1,519	1	546	0	0	0	0	2,065
12" x 2" Wall Recess	573	Lin Ft	0.2	114.6	23.99	2,749	0.5	287	0	0	0	0	3,036

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CONCRETE ESTIMATE
 ANYTOWN, ANYWHERE
 ESTIMATE DETAIL - SHEAR WALLS

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 PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
CMU Ledge Support Embed 14/S7.10	91	Each	0.5	45.5	42.94	1,954	0	0	0	0	0	0	1,954
Embed Plate @ Truss T5	1	Each	4	4.0	42.94	172	0	0	0	0	0	0	172
				33,290.4	1,204,313		1,215,023		73,620		0		2,492,956
*** POURED WALLS ESTIMATED COST ***				33,290.4	1,204,313		1,215,023		73,620		0		2,492,956

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CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
COLUMNS SUMMARY - COLUMNS

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
CONCRETE	7,306.8	280,183	352,755	21,603	0	654,541
*** COLUMNS ESTIMATED COST ***	7,306.8	280,183	352,755	21,603	0	654,541

EST NUMBER: WEB03000
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CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
CONCRETE SUMMARY - COLUMNS

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
CAISSON CAP ALONG 4 LINE	227.7	8,483	11,990	476	0	20,949
CAISSON CAP EAST OF 4 LINE	357.6	14,044	26,517	1,017	0	41,578
COLUMNS ALONG 4 LINE	2,218.3	82,535	86,117	4,742	0	173,394
COLUMNS EAST OF 4 LINE	4,503.2	175,121	228,131	15,368	0	418,620
*** CONCRETE ESTIMATED COST ***	7,306.8	280,183	352,755	21,603	0	654,541

DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
CAISSON CAP ALONG 4 LINE													
Caisson Cap Along 4 Line			QUANTITY:	29	Cu Yds								
Fine Grade - Hand	144	Sq Ft	0.01	1.4	23.95	34	0	0	0	0	0	0	34
Formwork - Walls	480	Sq Ft	0.1	48.0	34.77	1,669	1.75	840	0	0	0	0	2,509
Blockout - Formwork	296	Lin Ft	0.18	53.3	34.77	1,853	2	592	0	0	0	0	2,445
Rebar	11,314	Lbs	0.009	101.8	42.94	4,371	0.6	6,788	0	0	0	0	11,159
Concrete - Standard Weight 8000 psi (Type I) Regular Portland Cement	29	Cu Yds	0	0.0	0	0	130	3,770	0	0	0	0	3,770
Placing Labor - Pile Caps Crane & Bucket	29	Cu Yds	0.8	23.2	23.95	556	0	0	16.4	476	0	0	1,032
Caisson Cap Along 4 Line				227.7		8,483		11,990		476		0	20,949
*** CAISSON CAP ALONG 4 LINE ESTIMATED COST ***				227.7		8,483		11,990		476		0	20,949
CAISSON CAP EAST OF 4 LINE													
Caisson Cap East of 4 Line			QUANTITY:	62	Cu Yds								
Fine Grade - Hand	314	Sq Ft	0.01	3.1	23.95	74	0	0	0	0	0	0	74
Formwork - Walls	380	Sq Ft	0.1	38.0	34.77	1,321	1.75	665	0	0	0	0	1,986
Rebar	29,654	Lbs	0.009	266.9	42.94	11,461	0.6	17,792	0	0	0	0	29,253
Concrete - Standard Weight 8000 psi (Type I) Regular Portland Cement	62	Cu Yds	0	0.0	0	0	130	8,060	0	0	0	0	8,060
Placing Labor - Pile Caps Crane & Bucket	62	Cu Yds	0.8	49.6	23.95	1,188	0	0	16.4	1,017	0	0	2,205
Caisson Cap East of 4 Line				357.6		14,044		26,517		1,017		0	41,578
*** CAISSON CAP EAST OF 4 LINE ESTIMATED COST ***				357.6		14,044		26,517		1,017		0	41,578
COLUMNS ALONG 4 LINE													
Columns Along 4 Line			QUANTITY:	212	Cu Yds								
Column Forms - Rectangular	5,376	Sq Ft	0.2	1,075.2	34.77	37,385	1.75	9,408	0	0	0	0	46,793
Rebar - Walls & Columns	97,945	Lbs	0.009	881.5	42.94	37,852	0.5	48,973	0	0	0	0	86,825
Anchor Bolts	16	Each	0.5	8.0	42.94	344	10	160	0	0	0	0	504
Concrete - Standard Weight 8000 psi (Type I) Regular Portland Cement	212	Cu Yds	0	0.0	0	0	130	27,560	0	0	0	0	27,560
Placing Labor - Square Columns Crane & Bucket	212	Cu Yds	0.873	185.1	23.95	4,433	0	0	22.37	4,742	0	0	9,175
Finish	320	Sq Ft	0.01	3.2	34.14	109	0.05	16	0	0	0	0	125

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CONCRETE ESTIMATE
 ANYTOWN, ANYWHERE
 ESTIMATE DETAIL - COLUMNS

PREPARED FOR: ALL OF OUR CLIENTS
 PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
Dowel Bar Splice #6 & #8	144	Each	0.12	17.3	42.94	743	0	0	0	0	0	0	743
Brace Column to Garage with Struts	12	Each	4	48.0	34.77	1,669	0	0	0	0	0	0	1,669
Columns Along 4 Line				2,218.3		82,535		86,117		4,742		0	173,394
*** COLUMNS ALONG 4 LINE ESTIMATED COST ***				2,218.3		82,535		86,117		4,742		0	173,394
COLUMNS EAST OF 4 LINE													
Columns East of 4 Line													
Column Forms - Rectangular	4,032	Sq Ft	0.2	806.4	34.77	28,039	1.75	7,056	0	0	0	0	35,095
Rebar - Walls & Columns	262,178	Lbs	0.009	2,359.6	42.94	101,321	0.5	131,089	0	0	0	0	232,410
Anchor Bolts	48	Each	0.5	24.0	42.94	1,031	10	480	0	0	0	0	1,511
Concrete - Standard Weight 8000 psi (Type I) Regular Portland Cement	687	Cu Yds	0	0.0	0	0	130	89,310	0	0	0	0	89,310
Placing Labor - Square Columns	687	Cu Yds	0.873	599.8	23.95	14,365	0	0	22.37	15,368	0	0	29,733
Crane & Bucket Finish	1,054	Sq Ft	0.01	10.5	34.14	358	0.05	53	0	0	0	0	411
Steel Collar 7/S3.32 (576 SF)	48	Each	1	48.0	42.94	2,061	0	0	0	0	0	0	2,061
1/2" Steel Casing Used as Form (Left in Place)	10,557	Sq Ft	0.06	633.4	42.94	27,198	0	0	0	0	0	0	27,198
Form Haunch 6/54.1	143	Sq Ft	0.15	21.5	34.77	748	1	143	0	0	0	0	891
Columns East of 4 Line				4,503.2		175,121		228,131		15,368		0	418,620
*** COLUMNS EAST OF 4 LINE ESTIMATED COST ***				4,503.2		175,121		228,131		15,368		0	418,620

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CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
SLAB ON DECK @ MECH., 6TH, 7TH & 8TH FLR
SUMMARY - SLAB ON DECK @ MECH., 6TH, 7TH & 8TH FLR

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
CONCRETE	8,021.0	264,212	494,906	40,756	0	799,874
*** SLAB ON DECK @ MECH., 6TH, 7TH & 8TH FLR ESTIMATED COST ***	8,021.0	264,212	494,906	40,756	0	799,874

EST NUMBER: WEB03000
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CONCRETE ESTIMATE
ANYTOWN, ANYWHERE
CONCRETE SUMMARY - SLAB ON DECK @ MECH., 6TH, 7TH & 8TH FLR

PREPARED FOR: ALL OF OUR CLIENTS
PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	LABOR MANHOURS	LABOR DOLLARS	MATERIAL DOLLARS	EQUIPMENT DOLLARS	SUBCONTRACT DOLLARS	TOTAL DOLLARS
ELEVATED SLABS	8,021.0	264,212	494,906	40,756	0	799,874
*** CONCRETE ESTIMATED COST ***	8,021.0	264,212	494,906	40,756	0	799,874

EST NUMBER: WEB03000
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CONCRETE ESTIMATE
 ANYTOWN, ANYWHERE
 ESTIMATE DETAIL - SLAB ON DECK @ MECH., 6TH, 7TH & 8TH FLR

PREPARED FOR: ALL OF OUR CLIENTS
 PREPARED BY.: TEMPEST COMPANY
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DESCRIPTION	QUANTITY	UNIT MEAS	LABOR MAN UNIT	HOURS TOTAL	LABOR DOLLARS UNIT	TOTAL	MATERIAL DOLLARS UNIT	TOTAL	EQUIPMENT DOLLARS UNIT	TOTAL	SUBCONTRACT DOLLARS UNIT	TOTAL	TOTAL DOLLARS
ELEVATED SLABS													
Slab on Deck				QUANTITY:		163494	Sq Ft						
16" Edge Forms	237	Lin Ft	0.1	23.7	34.77	824	0.76	180	0	0	0	0	1,004
Rebar	312,612	Lbs	0.009	2,813.5	42.94	120,812	0.6	187,567	0	0	0	0	308,379
Concrete - Standard Weight 3000 psi (Type 1) Regular Portland Cement	3,722	Cu Yds	0	0.0	23.95	0	80	297,760	0	0	0	0	297,760
Placing Labor - Elevated Slab Pump	3,722	Cu Yds	0.69	2,568.2	23.95	61,508	0	0	10.95	40,756	0	0	102,264
Finish	163,494	Sq Ft	0.01	1,634.9	34.14	55,815	0.05	8,175	0	0	0	0	63,990
Clean Deck	163,494	Sq Ft	0.005	817.5	23.95	19,579	0	0	0	0	0	0	19,579
Construction Joint	1,632	Lin Ft	0.1	163.2	34.77	5,674	0.75	1,224	0	0	0	0	6,898
				8,021.0		264,212		494,906		40,756		0	799,874
*** ELEVATED SLABS ESTIMATED COST ***				8,021.0		264,212		494,906		40,756		0	799,874