

Estimate Detail

Description	Quantity	Unit	Cost/Unit	Amount
A - SUBSTRUCTURE	-			\$ 328,742
A10 - Foundations	-			\$ 44,653
A1010 - Standard Foundations	56.22	cy	\$ 794.26	\$ 44,653
Footing forms, job built; continuous wall; 4 uses	1,170.00	sf	\$ 11.64	\$ 13,621
Footing forms, job built; column footing, spread; 4 uses	582.00	sf	\$ 13.71	\$ 7,982
Keyway form (5 uses); 2" x 4"	585.00	lf	\$ 6.33	\$ 3,701
Footing rebar; grade 60; #3 - #4	1.24	ton	\$ 3,985.31	\$ 4,922
Footing rebar; grade 60; #5 - #6	0.99	ton	\$ 3,464.84	\$ 3,416
Continuous footing concrete; 2500 or 3000 psi; by chute	28.89	cy	\$ 195.86	\$ 5,658
Spread footing concrete; 2500 or 3000 psi; under 5 cy; by chute	27.33	cy	\$ 195.86	\$ 5,353
A20 - Subgrade Enclosures	-			\$ 133,423
A2010 - Walls for Subgrade Enclosures	94.83	cy	\$ 1,406.97	\$ 133,423
Column forms; square, job built; 36" x 36"; 4 uses	1,055.21	sf	\$ 17.20	\$ 18,149
Wall forms, job built; exterior; up to 8' high; 4 uses	5,850.00	sf	\$ 12.10	\$ 70,771
Chamfer strip; wood; 3/4" wide	444.64	lf	\$ 3.09	\$ 1,373
Wall rebar; concrete; #3 - #4	0.86	ton	\$ 3,721.42	\$ 3,200
Column rebar; #3 - #4	0.27	ton	\$ 5,304.69	\$ 1,443
Column rebar; #5 - #6	0.38	ton	\$ 4,344.45	\$ 1,664
Column concrete; 2500 or 3000 psi; by pump	22.61	cy	\$ 306.89	\$ 6,940
Wall concrete; 2500 or 3000 psi; to 4'; by chute	72.22	cy	\$ 190.69	\$ 13,772
Wall finish; break ties and patch holes	2,925.00	sf	\$ 2.17	\$ 6,355
Grouting for bases; non-shrink; non-metallic; 2" deep	126.33	sf	\$ 40.31	\$ 5,092
Board insulation; polystyrene; wall; 2" thick, R8.33	2,475.00	sf	\$ 1.88	\$ 4,663
A40 - Slabs on Grade	-			\$ 150,665
A4010 - Standard Slabs on Grade	13,938.00	sf	\$ 10.81	\$ 150,665
Slab forms, job built; edge; 6" high; 4 uses	99.00	lf	\$ 10.92	\$ 1,082
Slab forms, job built; edge; 12" high; 4 uses	48.00	lf	\$ 11.64	\$ 559
Expansion joint, premolded, in slabs; polyethylene foam; 1/2" x 6"	550.00	lf	\$ 4.30	\$ 2,364
Vapor barrier; 6 mil polyethylene	13,673.00	sf	\$ 0.37	\$ 5,100
Gravel porous fill, under floor slab, 3/4" stone	258.11	cy	\$ 166.25	\$ 42,911
Slab rebar; #3 - #4	6.21	ton	\$ 3,985.30	\$ 24,741
Slab on grade concrete; 3500 or 4000 psi; by chute	259.89	cy	\$ 198.21	\$ 51,513
Floor finish; screed	13,938.00	sf	\$ 1.36	\$ 18,927
Concrete curing; sprayed membrane; slabs	13,938.00	sf	\$ 0.25	\$ 3,469
B - SHELL	-			\$ 161,783
B10 - Superstructure	-			\$ 123,063
B1010 - Floor Construction	3,125.00	sf	\$ 30.13	\$ 94,150
Slab wire mesh; standard; 6" x 6"; W1.4 x W1.4	3,125.00	sf	\$ 0.78	\$ 2,444
Elevated slab concrete; 2500 or 3000 psi; by pump	40.99	cy	\$ 227.61	\$ 9,330
Floor finish; screed	3,125.00	sf	\$ 1.36	\$ 4,244
Concrete curing; sprayed membrane; slabs	3,125.00	sf	\$ 0.25	\$ 778
Structural steel; beams and girders, A-36; bolted	1.85	ton	\$ 4,793.49	\$ 8,858
Structural steel; tube; greater than 6" wide rectangular; heavy sections	1.41	ton	\$ 6,063.64	\$ 8,562
Metal joist; K series	9.76	ton	\$ 3,232.04	\$ 31,551
Metal deck; open type, galvanized; 1 1/2" deep; 20 ga	3,125.00	sf	\$ 5.56	\$ 17,366
Fireproofing; sprayed on; 1" thick; on beams	387.27	sf	\$ 3.85	\$ 1,493
Fireproofing; sprayed on; 1" thick; on columns	120.89	sf	\$ 3.59	\$ 434
Fireproofing; sprayed on; 1" thick; on decks; fluted surface	3,125.00	sf	\$ 2.91	\$ 9,090
B1080 - Stairs	125.00	sf	\$ 231.30	\$ 28,913
Metal stair; pan type with cement fill, steel; per riser; tread; 4' wide	21.00	each	\$ 471.61	\$ 9,904
Metal stair; pan type with cement fill, steel; per riser; landing	41.00	sf	\$ 148.88	\$ 6,104
Railing, pipe; 1 1/2" dia, welded steel; 3-rail; galvanized	120.00	lf	\$ 93.00	\$ 11,160
Railing, pipe; 1 1/2" dia, welded steel; wall mounted, single rail; galvanized	35.00	lf	\$ 49.86	\$ 1,745
B20 - Exterior Vertical Enclosures	-			\$ 38,720
B2010 - Exterior Walls	1,987.50	sf	\$ 6.75	\$ 13,417
Metal framing; furring; on walls; 7/8" channel; 16" o.c.	1,987.50	sf	\$ 4.01	\$ 7,979
Drywall; plasterboard; 5/8"; nailed or screwed to walls	1,987.50	sf	\$ 1.77	\$ 3,525
Drywall; add for fire resistant	1,987.50	sf	\$ 0.14	\$ 272
Drywall; add for taping and finishing joints; average	1,987.50	sf	\$ 0.83	\$ 1,641
B2020 - Exterior Windows	18.00	sf	\$ 68.22	\$ 1,228
Steel window, primed; industrial; fixed sash	18.00	sf	\$ 68.22	\$ 1,228
B2050 - Exterior Doors & Grilles	9.00	each	\$ 2,675.01	\$ 24,075
Hollow metal frame, stock; 16 ga; 6 3/4" x 1 3/4"; 3'-0" x 7'-0"	5.00	each	\$ 373.76	\$ 1,869

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Hollow metal frame, stock; 16 ga; 6 3/4" x 1 3/4"; 6'-0" x 7'-0"	1.00	each	\$ 496.45	\$ 496
Flush hollow metal door; heavy duty, unrated; 18 ga; 1 3/4" thick; 3'-0" x 7'-0"	7.00	each	\$ 691.50	\$ 4,840
Sectional metal overhead door, complete; commercial grade; 12' x 12'	3.00	each	\$ 3,361.19	\$ 10,084
Hinges; 4" x 4" butts, steel, standard	10.50	pair	\$ 35.35	\$ 371
Latchset, heavy duty; mortise	1.00	each	\$ 341.82	\$ 342
Mortise locks and latchsets, chrome; entry lockset	6.00	each	\$ 458.75	\$ 2,753
Door closer; surface mounted, traditional type, parallel arm; heavy duty	7.00	each	\$ 474.32	\$ 3,320
C - INTERIORS	-			\$ 149,442
C10 - Interior Construction	-			\$ 104,792
C1010 - Interior Partitions	4,475.00	sf	\$ 10.62	\$ 47,546
Blocking; steel construction; walls; 2" x 6"	72.00	lf	\$ 10.24	\$ 737
Batt insulation; wall, fiberglass; unfaced; 4" thick, R11	4,700.00	sf	\$ 1.59	\$ 7,461
Metal framing; studs, non-load bearing, galvanized; 3 5/8"; 20 ga; 16" o.c.	4,700.00	sf	\$ 3.15	\$ 14,822
Drywall; plasterboard; 5/8"; nailed or screwed to walls	8,950.00	sf	\$ 1.77	\$ 15,875
Drywall; add for fire resistant	8,500.00	sf	\$ 0.14	\$ 1,163
Drywall; add for water resistant	450.00	sf	\$ 0.22	\$ 98
Drywall; add for taping and finishing joints; average	8,950.00	sf	\$ 0.83	\$ 7,390
C1030 - Interior Doors	14.00	ea	\$ 1,679.10	\$ 23,507
Hollow metal frame, stock; 16 ga; 4 3/4" x 1 3/4"; sidelight, complete; 1'-0" x 7'-2"	7.00	each	\$ 641.75	\$ 4,492
Hollow metal frame, stock; 16 ga; 5 3/4" x 1 3/4"; 3'-0" x 7'-0"	13.00	each	\$ 362.36	\$ 4,711
Hollow metal frame, stock; 16 ga; 5 3/4" x 1 3/4"; 6'-0" x 7'-0"	1.00	each	\$ 445.14	\$ 445
Wood door; solid core; 1 3/4" thick; birch faced; 3'-0" x 7'-0"	15.00	each	\$ 457.21	\$ 6,858
Hinges; 4" x 4" butts, steel, standard	22.50	pair	\$ 35.35	\$ 795
Latchset, heavy duty; cylindrical	1.00	each	\$ 291.33	\$ 291
Lockset, heavy duty; cylindrical	14.00	each	\$ 422.46	\$ 5,915
C1040 - Interior Grilles & Gates	96.00	sf	\$ 58.16	\$ 5,584
Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide	1.00	each	\$ 5,583.66	\$ 5,584
C1070 - Suspended Ceiling Construction	2,920.00	sf	\$ 7.08	\$ 20,679
Acoustical panels; mineral fiber; 3/4" thick; 2' x 2'	2,920.00	sf	\$ 4.16	\$ 12,142
Ceiling suspension system; T-bar; 2' x 2'	2,920.00	sf	\$ 2.92	\$ 8,537
C1090 - Interior Specialties	10.00	each	\$ 747.62	\$ 7,476
Toilet partition; metal; floor mounted	2.00	each	\$ 1,182.40	\$ 2,365
Toilet partition; wheelchair accessible; painted metal; floor mounted	2.00	each	\$ 1,638.54	\$ 3,277
Toilet partition; urinal screen; painted metal; floor mounted	2.00	each	\$ 633.97	\$ 1,268
Grab bar, wall mounted; 1 1/2" dia; stainless steel; 36" long	2.00	each	\$ 135.85	\$ 272
Grab bar, wall mounted; 1 1/2" dia; stainless steel; 42" long	2.00	each	\$ 147.33	\$ 295
C20 - Interior Finishes	-			\$ 44,650
C2010 - Wall Finishes	7,155.00	sf	\$ 1.84	\$ 13,175
Scratch coat; for ceramic tile	46.67	sy	\$ 14.90	\$ 696
Tile; glazed ceramic wall; 4 1/4" x 4 1/4"; average	420.00	sf	\$ 13.74	\$ 5,771
Tile; glazed ceramic base; 4 1/4" high; average	105.00	lf	\$ 20.27	\$ 2,128
Paint walls; spray; first coat; average	6,735.00	sf	\$ 0.35	\$ 2,352
Paint walls; spray; second coat; average	6,735.00	sf	\$ 0.33	\$ 2,228
C2030 - Flooring	2,975.00	sf	\$ 10.57	\$ 31,459
Tile; unglazed ceramic flooring; portland cement bed, cushion edge, face mounted; 2" x 2"	275.00	sf	\$ 20.35	\$ 5,598
Resilient wall base, vinyl; group 1; 4" high	690.00	lf	\$ 5.58	\$ 3,849
Resilient flooring; solid vinyl tile, 1/8" thick, 12" x 12"; solid colors	140.00	sf	\$ 10.68	\$ 1,496
Carpet; tile; foam backed; average	2,560.00	sf	\$ 8.01	\$ 20,516
C2050 - Ceiling Finishes	20.00	sf	\$ 0.80	\$ 16
Paint ceilings; spray; first coat; average	20.00	sf	\$ 0.43	\$ 9
Paint ceilings; spray; second coat; average	20.00	sf	\$ 0.37	\$ 7
D - SERVICES	-			\$ 678,510
D20 - Plumbing	-			\$ 149,671
D2010 - Domestic Water Distribution	17,500.00	gsf	\$ 8.55	\$ 149,671
Plumbing Quote	17,500.00	gsf	\$ 8.55	\$ 149,671
D30 - HVAC	-			\$ 209,540
D3050 - Facility HVAC Distribution Systems	17,500.00	gsf	\$ 11.97	\$ 209,540
HVAC Quote	17,500.00	gsf	\$ 11.97	\$ 209,540
D40 - Fire Protection	-			\$ 79,825
D4010 - Fire Suppression	17,500.00	gsf	\$ 4.56	\$ 79,825

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Description	Quantity	Unit	Cost/Unit	Amount
Fire Suppression Quote	17,500.00	gsf	\$ 4.56	\$ 79,825
D50 - Electrical	-			\$ 239,474
D5020 - Electrical Service & Distribution	17,500.00	gsf	\$ 13.68	\$ 239,474
Electrical Power & Lighting Quote	17,500.00	gsf	\$ 13.68	\$ 239,474
F - SPECIAL CONSTRUCTION & DEMOLITION	-			\$ 401,952
F10 - Special Construction	-			\$ 401,952
F1020 - Special Structures	14,060.00	sf	\$ 28.59	\$ 401,952
Pre-engineered metal building; 100' x 150'; 25' eave height	14,060.00	sf	\$ 28.59	\$ 401,952
				\$ 1,720,429