

Estimate Detail

| Description | Quantity | Unit | Cost/Unit | Amount |
|--|------------------|-------------|--------------------|-------------------|
| A - SUBSTRUCTURE | 14,060.00 | sf | \$ 23.38 | \$ 328,742 |
| A10 - Foundations | - | | | \$ 328,742 |
| A1010 - Standard Foundations | 151.05 | cy | \$ 1,178.92 | \$ 178,076 |
| Column forms; square, job built; 36" x 36"; 4 uses | 1,055.21 | sf | \$ 17.20 | \$ 18,149 |
| 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 |
| Wall forms, job built; exterior; up to 8' high; 4 uses | 5,850.00 | sf | \$ 12.10 | \$ 70,771 |
| Keyway form (5 uses); 2" x 4" | 585.00 | lf | \$ 6.33 | \$ 3,701 |
| 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 |
| 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 |
| Column concrete; 2500 or 3000 psi; by pump | 22.61 | cy | \$ 306.89 | \$ 6,940 |
| 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 |
| 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 |
| A1030 - Slab 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 | 17,500.00 | gsf | \$ 7.59 | \$ 132,871 |
| B10 - Superstructure | - | | | \$ 94,150 |
| 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 |
| B20 - Exterior Enclosure | - | | | \$ 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 |
| B2030 - Exterior Doors | 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 |
| 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 | 17,500.00 | gsf | \$ 10.19 | \$ 178,355 |
| C10 - Interior Construction | - | | | \$ 84,113 |

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| C1010 - 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 |
| C1020 - Interior Doors | 15.00 | each | \$ 1,939.41 | \$ 29,091 |
| 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 |
| Top coiling grille, manually operated, steel or aluminum; opening; 6' high x 16' wide | 1.00 | each | \$ 5,583.66 | \$ 5,584 |
| 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 |
| C1030 - Fittings 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 - Stairs | - | | | \$ 28,913 |
| C2010 - Stair Construction | 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 |
| C30 - Interior Finishes | - | | | \$ 65,329 |
| C3010 - 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 |
| C3020 - Floor Finishes | 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 |
| C3030 - Ceiling Finishes | 2,940.00 | sf | \$ 7.04 | \$ 20,695 |
| 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 |
| 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 | 17,500.00 | gsf | \$ 38.77 | \$ 678,510 |
| D20 - Plumbing | - | | | \$ 149,671 |
| D2020 - 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 |
| D3040 - HVAC Distribution Systems | 17,500.00 | gsf | \$ 11.97 | \$ 209,540 |
| HVAC Quote | 17,500.00 | gsf | \$ 11.97 | \$ 209,540 |
| D40 - Fire Protection Systems | - | | | \$ 79,825 |
| D4010 - Sprinkler Systems | 17,500.00 | gsf | \$ 4.56 | \$ 79,825 |
| Fire Suppression Quote | 17,500.00 | gsf | \$ 4.56 | \$ 79,825 |
| D50 - Electrical Systems | - | | | \$ 239,474 |
| D5010 - 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 | 14,060.00 | sf | \$ 28.59 | \$ 401,952 |

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| F10 - Special Construction | - | | | \$ 401,952 |
| F1010 - 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 |