# DETAILED BREAKDOWN OF ITEMS

**Prepared for:**
**Project ID:**
**Scope:**

**Date:**

| SR # | DESCRIPTION | UNIT | QUANTITY | WASTAGE | QUANTITY W/ WASTAGE | LABOR COST | MAT. COST | UNIT COST | SUB COST |
|---|---|---|---|---|---|---|---|---|---|
| | **CONCRETE** | | | | | | | | |
| | **CONTINUOUS STRIP FOOTING** | | | | | | | | |
| | **CONCRETE FOOTING TYPE F1:** | | | | | | | | |
| 1 | 2'W x 1'H Footing Concrete (1025 LF) | CY | 76 | 10% | 84 | $ 2.60 | $ 1.65 | $ 4.25 | $ 355.30 |
| 2 | Reinforcement:<br>- 3 #5 Rebar Cont. (3075 LF)<br>- #5 Rebar @ 16" O.C (1542 LF)<br>- #5 Dowels @ 24" O.C (1150 LF) | LB | 6020 | 10% | 6622 | $ 1.45 | $ 1.20 | $ 2.65 | $ 17,548.30 |
| 3 | Form work | SF | 2055 | 10% | 2261 | $ 2.38 | $ - | $ 2.38 | $ 5,379.99 |
| 4 | Excavation | CY | 319 | 10% | 351 | $ 63.85 | $ - | $ 63.85 | $ 22,404.97 |
| 5 | Back fill | CY | 190 | 10% | 209 | $ 17.55 | $ - | $ 17.55 | $ 3,667.95 |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F4:** | | | | | | | | |
| 6 | 2'0" x12" Footing Concrete (42 LF) | CY | 3.5 | 10% | 4 | $ 2.60 | $ 1.65 | $ 4.25 | $ 16.36 |
| 7 | Reinforcement:<br>- 2 #5 Rebar Cont. (84 LF)<br>- #5 Rebar @ 48" O.C (15 LF) | LB | 70 | 10% | 77 | $ 1.45 | $ 1.20 | $ 2.65 | $ 204.05 |
| 8 | Formwork | SF | 145 | 10% | 160 | $ 2.38 | $ - | $ 2.38 | $ 379.61 |
| 9 | Excavation | CY | 6.5 | 10% | 7 | $ 63.85 | $ - | $ 63.85 | $ 456.53 |
| 10 | Back fill | CY | 3 | 10% | 3 | $ 17.55 | $ - | $ 17.55 | $ 57.92 |
| | | | | | | | | | |
| | **GRADE BEAM** | | | | | | | | |
| | **CONCRETE FOOTING TYPE F2: (35 LF)** | | | | | | | | |
| 11 | 3'Wx0.33'H Grade beam (35 LF) | CY | 1.5 | 10% | 2 | $ 2.60 | $ 1.65 | $ 4.25 | $ 7.01 |
| 12 | Reinforcement:<br>- 4 #5 Rebar Cont. (140 LF)<br>- #5 Rebar @ 16" O.C (80 LF) | LB | 235 | 10% | 259 | $ 1.45 | $ 1.20 | $ 2.65 | $ 685.03 |
| | | | | 10% | 0 | | | | |
| | **CONCRETE FOOTING TYPE F3: (190 LF)** | | | 10% | 0 | | | | |
| 13 | 1'Wx0.33'H Grade beam (190 LF) | CY | 3.5 | 10% | 4 | $ 2.60 | $ 1.65 | $ 4.25 | $ 16.36 |

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| 14 | Reinforcement:<br>- 2 #5 Rebar Cont. (380 LF)<br>- #5 Rebar @ 16" O.C (145 LF) | LB | 555 | 10% | 611 | $ 1.45 | $ 1.20 | $ 2.65 | $ 1,617.83 |
| | | | | | | | | | |
| | **CONCRETE PAD FOOTINGS** | | | | | | | | |
| | **CONCRETE FOOTING TYPE F5:** | | | | | | | | |
| 15 | 3'x3'x12" Concrete Pad footing (1 EA) | CY | 1 | 10% | 1 | $ 2.60 | $ 1.65 | $ 4.25 | $ 4.68 |
| 16 | Reinforcement:<br>- 4 #5 Rebar E.W bottom (24 LF) | LB | 27 | 10% | 30 | $ 1.45 | $ 1.20 | $ 2.65 | $ 78.71 |
| 17 | Form work | SF | 15 | 10% | 17 | $ 2.38 | $ - | $ 2.38 | $ 39.27 |
| 18 | Excavation | CY | 1.8 | 10% | 2 | $ 63.85 | $ - | $ 63.85 | $ 126.42 |
| 19 | Back fill | CY | 0.8 | 10% | 1 | $ 17.55 | $ - | $ 17.55 | $ 15.44 |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F6:** | | | | | | | | |
| 20 | 4'x4'x12" Concrete Pad footing (2 EA) | CY | 1.5 | 10% | 2 | $ 2.60 | $ 1.65 | $ 4.25 | $ 7.01 |
| 21 | Reinforcement:<br>- 6 #6 Rebar E.W bottom (96 LF) | LB | 150 | 10% | 165 | $ 1.70 | $ 1.62 | $ 3.32 | $ 547.80 |
| 22 | Form work | SF | 35 | 10% | 39 | $ 2.38 | $ - | $ 2.38 | $ 91.63 |
| 23 | Excavation | CY | 4.8 | 10% | 5 | $ 63.85 | $ - | $ 63.85 | $ 337.13 |
| 24 | Back fill | CY | 3.3 | 10% | 4 | $ 17.55 | $ - | $ 17.55 | $ 63.71 |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F7** | | | | | | | | |
| 25 | 2'6"X7'8"X12" Concrete pad footing (1 EA) | CY | 1.5 | 10% | 2 | $ 2.60 | $ 1.65 | $ 4.25 | $ 7.01 |
| 26 | Reinforcement:<br>- 3 #5 Rebar Cont. (16 LF)<br>- #5 Rebar @ 48" O.C (10 LF) | LB | 30 | 10% | 33 | $ 1.45 | $ 1.20 | $ 2.65 | $ 87.45 |
| 27 | Form work | SF | 45 | 10% | 50 | $ 2.38 | $ - | $ 2.38 | $ 117.81 |
| 28 | Excavation | CY | 3.5 | 10% | 4 | $ 63.85 | $ - | $ 63.85 | $ 245.82 |
| 29 | Back fill | CY | 2 | 10% | 2 | $ 17.55 | $ - | $ 17.55 | $ 38.61 |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F8** | | | | | | | | |
| 30 | 4.67'x4.67'x12" Concrete Pad footing (3 EA) | CY | 2.5 | 10% | 3 | $ 2.60 | $ 1.65 | $ 4.25 | $ 11.69 |
| 31 | Reinforcement:<br>- 7 #5 Rebar E.W bottom (205 LF) | LB | 210 | 10% | 231 | $ 1.45 | $ 1.20 | $ 2.65 | $ 612.15 |
| 32 | Form work | SF | 60 | 10% | 66 | $ 2.38 | $ - | $ 2.38 | $ 157.08 |
| 33 | Excavation | CY | 10 | 10% | 11 | $ 63.85 | $ - | $ 63.85 | $ 702.35 |
| 34 | Back fill | CY | 7.5 | 10% | 8 | $ 17.55 | $ - | $ 17.55 | $ 144.79 |

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| 35 | **CONCRETE FOOTING TYPE F9** | | | | | | | | |
| 36 | 5'x5'x12" Concrete Pad footing (4 EA) | CY | 4 | 10% | 4 | $ 2.60 | $ 1.65 | $ 4.25 | $ 18.70 |
| 37 | Reinforcement:<br>- 8 #5 Rebar E.W bottom (320 LF) | LB | 335 | 10% | 369 | $ 1.45 | $ 1.20 | $ 2.65 | $ 976.53 |
| 38 | Form work | SF | 85 | 10% | 94 | $ 2.38 | $ - | $ 2.38 | $ 222.53 |
| 39 | Excavation | CY | 15 | 10% | 17 | $ 63.85 | $ - | $ 63.85 | $ 1,053.53 |
| 40 | Back fill | CY | 11 | 10% | 12 | $ 17.55 | $ - | $ 17.55 | $ 212.36 |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F10** | | | | | | | | |
| 41 | 5.33'x5.33'x12" Concrete Pad footing (5 EA) | CY | 5.5 | 10% | 6 | $ 2.60 | $ 1.65 | $ 4.25 | $ 25.71 |
| 42 | Reinforcement:<br>- 8 #5 Rebar E.W bottom (435 LF) | LB | 460 | 10% | 506 | $ 1.45 | $ 1.20 | $ 2.65 | $ 1,340.90 |
| 43 | Form work | SF | 110 | 10% | 121 | $ 2.38 | $ - | $ 2.38 | $ 287.98 |
| 44 | Excavation | CY | 21 | 10% | 23 | $ 63.85 | $ - | $ 63.85 | $ 1,474.94 |
| 45 | Back fill | CY | 15.5 | 10% | 17 | $ 17.55 | $ - | $ 17.55 | $ 299.23 |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F12** | | | | | | | | |
| 46 | 5.33'Wx7'Lx1.5'H Footing Concrete (1 EA) | CY | 2.5 | 10% | 3 | $ 2.60 | $ 1.65 | $ 4.25 | $ 11.69 |
| 47 | Reinforcement:<br>- (5x11) #5 Rebar in bottom (55 LF)<br>- (4x8) #5 Rebar in Top (32 LF)<br>- #5 Dowels @ 16" O.C (29 LF) | LB | 125 | 10% | 138 | $ 1.45 | $ 1.20 | $ 2.65 | $ 364.38 |
| 48 | Form work | SF | 40 | 10% | 44 | $ 2.38 | $ - | $ 2.38 | $ 104.72 |
| 49 | Excavation | CY | 6.5 | 10% | 7 | $ 63.85 | $ - | $ 63.85 | $ 456.53 |
| 50 | Back fill | CY | 4 | 10% | | $ 17.55 | $ - | | |
| | | | | | | | | | |
| | **CONCRETE FOOTING TYPE F13** | | | | | | | | |
| 51 | 6'x3'x18" Concrete Pad footing (1 EA) | CY | 1 | 10% | 1 | $ 2.60 | $ 1.65 | $ 4.25 | $ 4.68 |
| 52 | Reinforcement:<br>- (6X3) #6 Rebar E.W bottom (18 LF)<br>- #5 @ 18" O.C Top (12 LF) | LB | 45 | 10% | 50 | $ 1.70 | $ 1.62 | $ 3.32 | $ 164.34 |
| 53 | Form work | SF | 30 | 10% | 33 | $ 2.38 | $ - | $ 2.38 | $ 78.54 |
| 54 | Excavation | CY | 5 | 10% | 6 | $ 63.85 | $ - | $ 63.85 | $ 351.18 |
| 55 | Back fill | CY | 4 | 10% | 4 | $ 17.55 | $ - | $ 17.55 | $ 77.22 |
| | | | | | | | | | |
| | **ELEVATOR FOOTING** | | | | | | | | |

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| | **ELEVATOR PAD** | | | | | | | | |
| 56 | 23.5'Lx12.92'Wx1'H Concrete Elevator Pad | CY | 11.5 | 10% | 13 | $ 2.60 | $ 1.65 | $ 4.25 | $ 53.76 |
| 57 | Reinforcement:<br>- #5 Rebar 9" O.C E.W Bottom (405 LF)<br>- #5 Dowels @48" O.C (31 LF) | LB | 460 | 10% | 506 | $ 1.45 | $ 1.20 | $ 2.65 | $ 1,340.90 |
| 58 | Form work | SF | 75 | 10% | 83 | $ 2.10 | $ - | $ 2.10 | $ 173.25 |
| 59 | Excavation | CY | 67 | 10% | 74 | $ 63.85 | $ - | $ 63.85 | $ 4,705.75 |
| 60 | Back fill | CY | 25.5 | 10% | 28 | $ 17.55 | $ - | $ 17.55 | $ 492.28 |
| | | | | | | | | | |
| | **ELEVATOR STEM** | | | | | | | | |
| 61 | 8" Th Concrete Wall | CY | 6 | 10% | 7 | $ 2.60 | $ 1.65 | $ 4.25 | $ 28.05 |
| 62 | Reinforcement:<br>- #5 Rebar @ 12" O.C. (220 LF)<br>- #4 Vertical Rebar @48" O.C (60 LF) | LB | 298 | 10% | 328 | $ 1.57 | $ 1.20 | $ 2.77 | $ 908.01 |
| 63 | Form work | SF | 435 | 10% | 479 | $ 2.10 | $ - | $ 2.10 | $ 1,004.85 |
| | | | | | | | | | |
| | **SLAB ON GRADE** | | | | | | | | |
| | **4" TH CONCRETE SLAB:** | | | | | | | | |
| 64 | 4" Th. Concrete slab on grade w/ WWF (148 CY)) | SF | 12070 | 10% | 13277 | $ 1.20 | $ 2.35 | $ 3.55 | $ 47,133.35 |
| 65 | 4" Th Crushed Stone aggregate | CY | 148 | 10% | 163 | $ 20.00 | $ 33.00 | $ 53.00 | $ 8,628.40 |
| 66 | Thickened Edge | CY | 68 | 10% | 75 | $ 250.00 | $ 165.00 | $ 415.00 | $ 31,042.00 |
| 67 | 6 MIL Poly vapor | SF | 12070 | 10% | 13277 | $ 0.50 | $ 0.64 | $ 1.14 | $ 15,135.78 |
| | | | | | | | | | |
| | | | | | | | | **SUBTOTAL** | **$ 174,405.77** |
| | | | | | | | OVERHEAD AND PROFIT | 6% | $ 10,464 |
| | | | | | | | INSURANCE | 3% | $ 5,232 |
| | | | | | | | CONTINGENCY | 5% | $ 8,720 |
| | | | | | | | TAX | 5% | $ 8,720 |
| | | | | | | | | **TOTAL TRADE COST** | **$ 207,543** |