

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name: THERMAL & MOISTURE PROTECTION SAMPLE

Location:



| Sr # | REFERENCE | DESCRIPTION | QUANTITY | WASTE | TOTAL QTY | UNIT | COST/UNIT | MATERIAL TOTAL | UNIT LABOR | TOTAL LABOR | TOTAL COST | REMARKS | TRADE COST |
|--|-----------|--|----------|-------|-----------|------|-------------|----------------|-------------|-------------|------------|---------------------|------------|
| 01. GENERAL CONDITIONS | | | | | | | | | | | | \$0 | |
| GENERAL CONDITIONS | | | | | | | | | | | | | |
| 1 | | Permit | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 2 | | Supervision | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 3 | | Final Cleanup | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 4 | | Mobilization Cost | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 5 | | Project Overheads | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 6 | | Bonds | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 7 | | Fees (Architect & Engineer) | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 8 | | Temporary Control & Facilities | 1.0 | 0% | 1.0 | LS | \$ - | \$ - | - | - | - | | |
| 07. THERMAL & MOISTURE PROTECTION | | | | | | | | | | | | \$2,209,467 | |
| ROOFING | | | | | | | | | | | | | |
| 9 | | Single Ply Roofing | 22159.9 | 5% | 23267.9 | SF | \$ 1.98 | \$ 46,070 | \$ 1.65 | \$ 38,392 | \$ 84,462 | | |
| 10 | | 1/2" Thick Dense deck Cover Board | 22159.9 | 5% | 23267.9 | SF | \$ 1.78 | \$ 41,417 | \$ 0.69 | \$ 16,055 | \$ 57,472 | | |
| 11 | | Fiberglass Base Sheet | 22159.9 | 5% | 23267.9 | SF | \$ 1.45 | \$ 33,738 | \$ 1.22 | \$ 28,387 | \$ 62,125 | | |
| 12 | | Roof Pedestal Pavers Over Rubber Pad | 8485.4 | 5% | 8909.7 | SF | \$ 6.55 | \$ 58,359 | \$ 4.85 | \$ 43,212 | \$ 101,571 | | |
| 13 | | Hot Rubberized Roofing | 8485.4 | 5% | 8909.7 | SF | \$ 1.65 | \$ 14,701 | \$ 1.02 | \$ 9,088 | \$ 23,789 | | |
| 14 | | Future Solar Area | 1873.5 | 5% | 1967.2 | SF | \$ 10.00 | \$ 19,672 | \$ 6.50 | \$ 12,787 | \$ 32,458 | | |
| 15 | | Walking Pads | 9825.8 | 5% | 10317.0 | SF | \$ 5.66 | \$ 58,394 | \$ 3.20 | \$ 33,015 | \$ 91,409 | | |
| THERMAL & WEATHER PROOFING | | | | | | | | | | | | | |
| 16 | | R-19 6" Thick Rigid Insulation | 22159.9 | 5% | 23267.9 | SF | \$ 1.18 | \$ 27,456 | \$ 0.38 | \$ 8,842 | \$ 36,298 | | |
| 17 | | Tapered Rigid Insulation | 22159.9 | 5% | 23267.9 | SF | \$ 1.45 | \$ 33,738 | \$ 0.55 | \$ 12,797 | \$ 46,536 | | |
| 18 | | (1) Layer Of Substrate | 22159.9 | 5% | 23267.9 | SF | \$ 1.88 | \$ 43,744 | \$ 1.65 | \$ 38,392 | \$ 82,136 | | |
| 19 | | Waterproofing Membrane | 260.6 | 5% | 273.6 | SF | \$ 1.55 | \$ 424 | \$ 1.42 | \$ 389 | \$ 813 | | |
| 20 | | Waterproofing on substrate | 3664 | 5% | 3847.2 | SF | \$ 1.55 | \$ 5,963 | \$ 1.42 | \$ 5,463 | \$ 11,426 | | |
| 21 | | Weather resistant barrier | 58856 | 5% | 61799.3 | SF | \$ 1.75 | \$ 108,149 | \$ 1.48 | \$ 91,463 | \$ 199,612 | | |
| 22 | | Fiberglass Batt Insulation | 54106 | 5% | 56811.3 | SF | \$ 1.18 | \$ 67,037 | \$ 0.38 | \$ 21,588 | \$ 88,626 | | |
| 23 | | Batt Insulation | 489722 | 5% | 514208.1 | SF | \$ 1.18 | \$ 606,766 | \$ 0.38 | \$ 195,399 | \$ 802,165 | | |
| FLASHING & SHEET METALS | | | | | | | | | | | | | |
| 24 | | Continuous Galvanized Sheet Metal Cleat | 1745.6 | 5% | 1832.9 | LF | \$ 4.20 | \$ 7,698 | \$ 7.36 | \$ 13,490 | \$ 21,189 | | |
| 25 | | Galvanized J-Mold Plaster | 1745.6 | 5% | 1832.9 | LF | \$ 3.45 | \$ 6,324 | \$ 5.55 | \$ 10,173 | \$ 16,496 | | |
| 26 | | Galvanized Sheet Metal Coping | 1745.6 | 5% | 1832.9 | LF | \$ 4.20 | \$ 7,698 | \$ 7.36 | \$ 13,490 | \$ 21,189 | | |
| 27 | | Drip Edge Flashing | 1745.6 | 5% | 1832.9 | LF | \$ 3.40 | \$ 6,232 | \$ 7.16 | \$ 13,124 | \$ 19,356 | | |
| 28 | | Saddle Flashing | 1745.6 | 5% | 1832.9 | LF | \$ 3.40 | \$ 6,232 | \$ 7.16 | \$ 13,124 | \$ 19,356 | | |
| 29 | | Spring Lock Flashing | 1745.6 | 5% | 1832.9 | LF | \$ 3.40 | \$ 6,232 | \$ 7.16 | \$ 13,124 | \$ 19,356 | | |
| 30 | | J Mold Drip w/ Weep Holes | 1745.6 | 5% | 1832.9 | LF | \$ 3.45 | \$ 6,324 | \$ 5.55 | \$ 10,173 | \$ 16,496 | | |
| 31 | | 2x2 Steel Tube Top Rail | 1745.6 | 5% | 1832.9 | LF | \$ 40.00 | \$ 73,317 | \$ 19.00 | \$ 34,826 | \$ 108,142 | | |
| 32 | | Fire Sealant & Beaker Rod | 1745.6 | 5% | 1832.9 | LF | \$ 1.45 | \$ 2,658 | \$ 1.88 | \$ 3,446 | \$ 6,104 | | |
| 33 | | Aluminum Coping At Mechanical Screen | 180.0 | 5% | 189.0 | LF | \$ 4.20 | \$ 794 | \$ 7.36 | \$ 1,391 | \$ 2,185 | | |
| 34 | | Mechanical Duct Flashing | 163.2 | 5% | 171.4 | LF | \$ 3.40 | \$ 583 | \$ 7.16 | \$ 1,227 | \$ 1,810 | | |
| 35 | | Galvanized Sheet Metal Flashing | 163.2 | 5% | 171.4 | LF | \$ 3.40 | \$ 583 | \$ 7.16 | \$ 1,227 | \$ 1,810 | | |
| 36 | A118/A119 | 24" Wide Pre-Finished Stainless Steel Sheet Metal Coping w/ Continuous Cleat Over Waterproofing Membrane | 260.6 | 5% | 273.6 | SF | \$ 2.55 | \$ 698 | \$ 4.12 | \$ 1,127 | \$ 1,825 | | |
| 37 | | Continuous Cleat | 130.3 | 5% | 136.8 | LF | \$ 4.20 | \$ 575 | \$ 7.36 | \$ 1,007 | \$ 1,582 | | |
| 38 | | Continuous Framed Metal Stud Curb | 408.4 | 5% | 428.8 | LF | \$ 6.66 | \$ 2,856 | \$ 11.00 | \$ 4,717 | \$ 7,572 | | |
| 39 | | 2x2 Tube Steel Reinforcing Railing | 408.4 | 5% | 428.8 | LF | \$ 40.00 | \$ 17,152 | \$ 19.00 | \$ 8,147 | \$ 25,299 | | |
| 40 | | Cant Strip Around Scupper | 16.0 | 5% | 16.8 | LF | \$ 3.45 | \$ 58 | \$ 5.95 | \$ 100 | \$ 158 | | |
| 41 | | Continuous Sealant | 16.0 | 5% | 16.8 | LF | \$ 1.02 | \$ 17 | \$ 1.44 | \$ 24 | \$ 41 | | |
| 42 | | Collar Flashing | 67.0 | 5% | 70.4 | LF | \$ 3.45 | \$ 243 | \$ 5.95 | \$ 419 | \$ 661 | | |
| ACCESS HATCH | | | | | | | | | | | | | |
| 43 | | Roof Ladder w/ 1/2"x2-1/2" Steel Side Rails | 3.0 | 0% | 3.0 | EA | \$ 2,955.00 | \$ 8,865 | \$ 1,100.00 | \$ 3,300 | \$ 12,165 | | |
| ROOF VENTS | | | | | | | | | | | | | |
| 44 | | 2'-9"x5'-0" Mechanical Vent | 13.8 | 0% | 13.8 | SF | \$ 18.65 | \$ 256 | \$ 7.50 | \$ 103 | \$ 360 | | |
| 45 | | 6'-6"x5'-0" Mechanical Vent | 32.5 | 0% | 32.5 | SF | \$ 18.65 | \$ 606 | \$ 7.50 | \$ 244 | \$ 850 | | |
| 46 | | 2'-0"x1'-10" Mechanical Vent | 3.6 | 0% | 3.6 | SF | \$ 18.65 | \$ 68 | \$ 7.50 | \$ 27 | \$ 95 | | |
| 47 | | 3'-6"x4'-0" Mechanical Vent | 14.0 | 0% | 14.0 | SF | \$ 18.65 | \$ 261 | \$ 7.50 | \$ 105 | \$ 366 | | |
| 48 | | 7'-3"x4'-0" Mechanical Vent | 29.0 | 0% | 29.0 | SF | \$ 18.65 | \$ 541 | \$ 7.50 | \$ 218 | \$ 758 | | |
| 49 | | 3'-9"x2'-3" Mechanical Vent | 8.4 | 0% | 8.4 | SF | \$ 18.65 | \$ 157 | \$ 7.50 | \$ 63 | \$ 221 | | |
| 50 | | 1'-0"x2'-8" Mechanical Vent | 2.7 | 0% | 2.7 | SF | \$ 18.65 | \$ 50 | \$ 7.50 | \$ 20 | \$ 70 | | |
| 51 | | 10'-9"x4'-0" Mechanical Vent | 43.0 | 0% | 43.0 | SF | \$ 18.65 | \$ 802 | \$ 7.50 | \$ 323 | \$ 1,124 | | |
| SCUPPER/DRAINAGE | | | | | | | | | | | | | |
| 52 | | 6"x20" Roof Scupper | 2.0 | 0% | 2.0 | EA | \$ 544.00 | \$ 1,088 | \$ 220.00 | \$ 440 | \$ 1,528 | | |
| 53 | | 6"x10" Roof Scupper | 3.0 | 0% | 3.0 | EA | \$ 502.00 | \$ 1,506 | \$ 200.00 | \$ 600 | \$ 2,106 | | |
| 54 | | 12" Dia Overflow Drain | 28.0 | 0% | 28.0 | EA | \$ 885.00 | \$ 24,780 | \$ 375.00 | \$ 10,500 | \$ 35,280 | | |
| 55 | | 12" Dia Roof Deck Drain | 20.0 | 0% | 20.0 | EA | \$ 885.00 | \$ 17,700 | \$ 375.00 | \$ 7,500 | \$ 25,200 | | |
| 56 | | 12" Dia Planter Drain | 29.0 | 0% | 29.0 | EA | \$ 885.00 | \$ 25,665 | \$ 375.00 | \$ 10,875 | \$ 36,540 | | |
| 57 | | 12" Dia Roof Drain | 9.0 | 0% | 9.0 | EA | \$ 885.00 | \$ 7,965 | \$ 375.00 | \$ 3,375 | \$ 11,340 | | |
| 58 | | 12" Dia Floor Drain | 1.0 | 0% | 1.0 | EA | \$ 885.00 | \$ 885 | \$ 375.00 | \$ 375 | \$ 1,260 | | |
| 59 | | Pre-Finished Sheet Metal Downspout | 525.0 | 5% | 551.3 | LF | \$ 2.75 | \$ 1,516 | \$ 5.15 | \$ 2,839 | \$ 4,355 | | |
| GREEN ROOF | | | | | | | | | | | | | |
| 60 | | Roof Planter Area | 3932.3 | 5% | 4128.9 | SF | \$ 11.30 | \$ 46,657 | \$ 4.28 | \$ 17,672 | \$ 64,328 | | |
| SUB TOTAL | | | | | | | | | | | | \$2,209,467 | |
| OVERHEAD | | | | | | | | | | | | \$ 220,947 | |
| PROFIT | | | | | | | | | | | | \$ 220,947 | |
| INSURANCE | | | | | | | | | | | | \$ 22,095 | |
| CONTINGENCY | | | | | | | | | | | | \$ 44,189 | |
| NET TOTAL | | | | | | | | | | | | \$ 2,717,645 | |