

CONSTRUCTION COST ESTIMATE BREAKDOWN

CONTRACTOR					ADDRESS							
					TOTAL MATERIAL COST					\$ 157,056		
					TOTAL LABOR COST					\$ 169,560		
					SUBTOTAL					\$ 326,616		
					SALES TAX			7.00%		\$ 10,994		
					LABOR BURDEN			10.00%		\$ 16,956		
					OVERHEAD & PROFIT			25.00%		\$ 81,654		
					BONDING			0.60%		\$ 2,617		
					CONTINGENCY / WASTAGE			5.00%		\$ 16,331		
					BASE BID			PROPOSED PROJECT AMOUNT		\$ 455,168		
								TOTAL MANHOURS		3991.33		
DATE	PROJECT			SCOPE OF WORK			PROJECT LOCATION					
				ARCHITECTURAL ROOFING								
LINE NO.	DWG REF./CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR			LINE TOTAL	TRADE TOTAL	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE			UNIT PRICE
BASE BID												
	DIV. 07	THERMAL AND MOISTURE PROTECTION										\$ 326,615.72
		REMOVAL										
1	A121, A122	REMOVE EXISTING ROOF MEMBRANE AND ALL INSULATION DOWN TO DECK	SF	4580			0.028	128.37	\$32.50	\$0.91	\$4,172.20	\$4,172.20
2		REMOVE EXISTING ROCK BALLAST	SF	1793			0.034	60.97	\$32.50	\$1.11	\$1,981.67	\$1,981.67
3		REMOVE EXISTING ROOF AND STRUCTURE ENTIRELY	SF	336			0.076	25.54	\$32.50	\$2.47	\$829.95	\$829.95
4		REMOVE EXISTING METAL GUTTER	LF	35			0.036	1.26	\$32.50	\$1.17	\$40.80	\$40.80
5		REMOVE EXISTING GRAVEL STOP COPING	LF	53			0.038	2.01	\$32.50	\$1.24	\$65.46	\$65.46
6		REMOVE EXISTING METAL COPING	LF	118			0.038	4.48	\$32.50	\$1.24	\$145.74	\$145.74
		ROOFING MEMBRANE										
7	A121, A122	60 MIL FULLY ADHERED T.P.O. ROOF MEMBRANE MFR: CARLISLE SYNTEC INCORPORATED.	SF	34460	\$1.39	\$47,898.44	0.025	861.51	\$36.11	\$0.90	\$31,112.62	\$79,011.06
		INSULATION										
8	A121, A122	6" THK. RIGID INSULATION AT ROOF SPECS: POLYISOCYANURATE (ISO) BOARD INSULATION MFR: CARLISLE SYNTEC INCORPORATED.	SF	32420	\$1.53	\$49,500.78	0.003	97.26	\$41.03	\$0.12	\$3,990.78	\$53,491.56
		STANDING SEAM METAL ROOFING										
9	A121, A122	STANDING SEAM METAL ROOF (COLOR-2) W/ CLOSED CELL SPRAY FOAM INSULATION COLOR 2: SNOW WHITE SPECS: 0.034" THK. & TWO-COAT FLUOROPOLYMER FINISH	SF	1114	\$12.48	\$13,896.80	0.107	119.17	\$48.10	\$5.15	\$5,731.36	\$19,628.16
10		STANDING SEAM METAL ROOF (COLOR-2) W/ CLOSED CELL SPRAY FOAM INSULATION COLOR 2: SNOW WHITE SPECS: 0.034" THK. & TWO-COAT FLUOROPOLYMER FINISH	SF	462	\$12.48	\$5,764.86	0.107	49.43	\$48.10	\$5.15	\$2,377.56	\$8,142.42
11		UNDERLAYMENT: SELF-ADHERING , HIGH TEMPERATURE UNDERLAYMENT	SF	576	\$1.73	\$994.71	0.018	10.37	\$41.03	\$0.74	\$425.42	\$1,420.12
		STANDING SEAM METAL ROOFING BY MBM										
12	A122	STANDING SEAM METAL ROOF (COLOR-2) W/ R-5 THERMAL INSULATION COLOR 1: MIDNIGHT BRONZE NOTE: PROVIDED BY MBM, INSTALL ONLY (V.I.F.)	SF	16756			0.107	1792.92	\$48.10	\$5.15	\$86,231.76	\$86,231.76
		GUTTER & DOWNSPOUT										
13		0.022" THK. GALVANIZED STEEL PREFINISHED SHEET METAL GUTTER SPECS: SMACNA (ASMM), RECTANGULAR PROFILE, 6"X6".	LF	233	\$2.59	\$603.56	0.097	22.60	\$48.10	\$4.67	\$1,087.01	\$1,690.57
14		PREFINISHED SHEET METAL OPEN FACE DOWNSPOUT COLOR 1: WHITE SPECS: RECTANGULAR PROFILE, 4"X4".	LF	91	\$3.98	\$360.82	0.064	5.80	\$48.10	\$3.08	\$279.03	\$639.85
15		PREFINISHED SHEET METAL OPEN FACE DOWNSPOUT COLOR 2: PAC-CALD; " CHARCOAL" SPECS: RECTANGULAR PROFILE, 4"X4".	LF	88	\$3.98	\$350.35	0.064	5.63	\$48.10	\$3.08	\$270.94	\$621.29

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							BONDING		0.60%			\$	2,617	
							CONTINGENCY / WASTAGE		5.00%			\$	16,331	
							BASE BID		PROPOSED PROJECT AMOUNT				\$	455,168
									TOTAL MANHOURS					3991.33
DATE	PROJECT			SCOPE OF WORK			PROJECT LOCATION							
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LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR					LINE TOTAL	TRADE TOTAL	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST			
16	A121, A122	PREFINISHED SHEET METAL OPEN FACE DOWNSPOUT COLOR 3: PAC-CALD; " MIDNIGHT BRONZE" SPECS: RECTANGULAR PROFILE, 4"x4".	LF	129	\$3.98	\$513.46	0.064	8.26	\$48.10	\$3.08	\$397.08	\$910.54		
17		PREFINISHED SHEET METAL THRU-WALL SCUPPER SPECS: SMACNA (ASMM) STANDARDS	EA	1	\$426.47	\$426.47	1.000	1.00	\$44.78	\$44.78	\$44.78	\$471.24		
18		PREFINISHED SHEET METAL THRU-WALL OVERFLOW SCUPPER SPECS: SMACNA (ASMM) STANDARDS	EA	12	\$426.47	\$5,117.58	1.000	12.00	\$44.78	\$44.78	\$537.31	\$5,654.89		
19		PREFINISHED SHEET METAL CONDUCTOR HEADS FOR DOWNSPOUT	EA	9	\$426.47	\$3,838.19	1.000	9.00	\$44.78	\$44.78	\$402.98	\$4,241.17		
20		CONCRETE SPLASH BLOCKS	EA	12	\$73.71	\$884.52	0.250	3.00	\$44.78	\$11.19	\$134.33	\$1,018.85		
ROOF DRAIN														
21	A121, A122	ROOF DRAIN	EA	13	\$177.43	\$2,306.60	2.750	35.75	\$44.78	\$123.13	\$1,600.74	\$3,907.34		
22		OVERFLOW ROOF DRAIN	EA	8	\$177.43	\$1,419.44	2.750	22.00	\$44.78	\$123.13	\$985.07	\$2,404.52		
ROOF ACCESS HATCH														
23	A121, A122	INSULATED 3'-6" X2'-4" ROOF ACCESS HATCH W/ INSULATED CURB CURB : 12 LF	EA	1	\$1,184.63	\$1,184.63	5.364	5.36	\$40.30	\$216.16	\$216.16	\$1,400.79		
ROOF ACCESS LADDER														
24	A121, A122	2'-0"X 8'-0" ROOF ACCESS LADDER	EA	1	\$358.02	\$358.02	1.133	1.13	\$48.62	\$55.09	\$55.09	\$413.11		
25		2'-0"X 16'-0" ROOF ACCESS LADDER	EA	1	\$716.04	\$716.04	2.266	2.27	\$48.62	\$110.17	\$110.17	\$826.21		
CANT STRIP														
26	A121, A122	INSULATED CANT STRIP	LF	1360	\$2.19	\$2,978.73	0.041	55.76	\$35.67	\$1.46	\$1,988.76	\$4,967.48		
ROOF CURB														
27	A121, A122	INSULATED ROOF CURB	LF	141	\$6.84	\$965.07	0.212	29.89	\$45.74	\$9.70	\$1,367.29	\$2,332.36		
METAL COPING														
28	A121, A122	24 GA. PREFINISHED SHEET METAL COPING COLOR 1: WHITE	LF	375	\$2.14	\$800.53	0.089	33.33	\$36.21	\$3.22	\$1,206.79	\$2,007.32		
29		24 GA. PREFINISHED SHEET METAL COPING COLOR 2: PAC-CALD; " CHARCOAL"	LF	331	\$2.14	\$707.54	0.089	29.46	\$36.21	\$3.22	\$1,066.62	\$1,774.16		
30		24 GA. PREFINISHED SHEET METAL COPING COLOR 3: PAC-CALD; " MIDNIGHT BRONZE"	LF	654	\$2.14	\$1,397.98	0.089	58.21	\$36.21	\$3.22	\$2,107.45	\$3,505.44		
31		NEW GRAVELSTOP COPING COLOR 3: PAC-CALD; " MIDNIGHT BRONZE"	LF	53	\$2.14	\$113.29	0.089	4.72	\$36.21	\$3.22	\$170.79	\$284.08		
32		3/4" PLYWOOD SUBSTRATE FOR COPING	SF	2271	\$2.11	\$4,783.15	0.021	47.70	\$36.19	\$0.76	\$1,726.15	\$6,509.30		
ROOF CRICKET														
33	A121, A122	1/2" PER 12" ROOF CRICKET	SF	994	\$1.95	\$1,936.36	0.029	28.83	\$48.10	\$1.39	\$1,386.40	\$3,322.77		
FLASHING														
34	A121, A122	COUNTER FLASHING	LF	142	\$2.13	\$302.04	0.061	8.66	\$35.67	\$2.18	\$308.94	\$610.98		
35		24 GA. DRIP EDGE FLASHING	LF	240	\$1.07	\$257.77	0.091	21.84	\$35.67	\$3.25	\$778.95	\$1,036.73		
36		ONE PIECE PREFINISH METAL FLASHING W/ TERMINATION BAR	LF	634	\$1.07	\$680.95	0.091	57.69	\$35.67	\$3.25	\$2,057.74	\$2,738.69		
37		RETURN FLASHING	LF	410	\$1.07	\$439.93	0.091	37.27	\$35.67	\$3.25	\$1,329.42	\$1,769.35		
38		STEP FLASHING	LF	526	\$1.53	\$803.12	0.091	47.87	\$35.67	\$3.25	\$1,707.21	\$2,510.33		

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39		BASE FLASHING	LF	1360	\$1.74	\$2,362.93	0.091	123.76	\$35.67	\$3.25	\$4,414.07	\$6,777.01			
		SEALANT													
40	A121, A122	CONTINUOUS SEALANT AT ROOF	LF	1770	\$0.36	\$633.70	0.033	58.57	\$38.03	\$1.26	\$2,227.30	\$2,860.99			
		AIR & MOISTURE BARRIER													
41	A121, A122	SELF ADHERING SHEET VAPOR RETARDER AT ROOF SPECS: 40 MIL. SELF-ADHERING POLYETHYLENE FILMLAMINATED TO LAYER OF RUBBERIZED ASPHALT ADHESIVE.	SF	5057	\$0.35	\$1,757.36	0.012	60.69	\$41.03	\$0.49	\$2,490.12	\$4,247.48			
ALTERNATE 1															
							TOTAL MATERIAL COST					\$	8,761		
							TOTAL LABOR COST					\$	5,707		
							ALTERNATE 1 - SUBTOTAL					\$	14,468		
							SALES TAX					7.00%	\$ 613		
							LABOR BURDEN					10.00%	\$ 571		
							OVERHEAD & PROFIT					25.00%	\$ 3,617		
							BONDING					0.60%	\$ 116		
							CONTINGENCY / WASTAGE					5.00%	\$ 723		
					ALTERNATE 1 - PROPOSED PROJECT AMOUNT		\$	20,108							
					TOTAL MANHOURS			131.57							
LINE NO.	DWG REF./ CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR				LINE TOTAL	TRADE TOTAL			
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST				
	DIV. 07	THERMAL AND MOISTURE PROTECTION											\$14,467.92		
		DAYLIGHTING DEVICE													
42	A121, A122	TUBULAR DAYLIGHTING DEVICE (TDD). IN EXISTING FRAMED SKYLIGHT OPENING	EA	22	\$315.90	\$6,949.80	3.000	66.00	\$41.03	\$123.10	\$2,708.10	\$9,657.90			
		SHEET METAL CRICKET & ROOF CURB													
43	A121, A122	SHEET METAL CRICKET W/ INSULATED ROOF CURB	LF	202	\$8.98	\$1,810.98	0.325	65.57	\$45.74	\$14.87	\$2,999.03	\$4,810.02			