

**CONSTRUCTION COST ESTIMATE BREAKDOWN**

CONTRACTOR				ADDRESS									
						TOTAL MATERIAL COST				\$ 414,202			
						TOTAL LABOR COST				\$ 237,178			
						SUBTOTAL				\$ 651,380			
						SALES TAX		6.25%		\$ 25,888			
						LABOR BURDEN		10.00%		\$ 23,718			
						OVERHEAD & PROFIT		25.00%		\$ 162,845			
						BONDING		2.00%		\$ 17,277			
						CONTINGENCY / WASTAGE		5.00%		\$ 32,569			
						<b>PROPOSED PROJECT AMOUNT</b>				<b>\$ 913,676</b>			
						<b>TOTAL MANHOURS</b>				<b>4489.07</b>			
DATE	PROJECT NAME			SCOPE OF WORK			PROJECT LOCATION						
LINE NO.	DWG REF./CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR				LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P	
					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE			TOTAL COST
	<b>DIV. 01</b>	<b>GENERAL REQUIREMENTS</b>			<b>SUBTOTAL MATERIAL</b>	<b>\$ -</b>				<b>SUBTOTAL LABOR</b>	<b>\$ 45,500</b>	<b>\$ 45,500</b>	<b>\$ 64,929</b>
1		PERMITS, SITE SUPERVISION, FINAL CLEANUP & DUMPSTER	LS	1						\$45,500.00	\$45,500.00	\$45,500.00	
	<b>DIV. 07</b>	<b>THERMAL AND MOISTURE PROTECTION</b>			<b>SUBTOTAL MATERIAL</b>	<b>\$ 414,202</b>				<b>SUBTOTAL LABOR</b>	<b>\$ 191,678</b>	<b>\$ 605,880</b>	<b>\$ 848,748</b>
2		<b>ADHERED PVC ROOFING ASSEMBLY</b> ADHERED PVC MEMBRANE ROOFING SYSTEM PVC SHEET: ASTM D 4434/D 4434M, TYPE III, FABRIC REINFORCED AND FABRIC BACKED <b>MANUFACTURERS:</b> A. CARLISLE SYNTEC INCORPORATED. B. DURO-LAST ROOFING, INC. C. SIKA CORPORATION <b>BASIS OF DESIGN:</b> ROOFING AND BASE FLASHING MEMBRANE, DURO-LAST, DURO-FLEECE PLUS DFP60 <b>THICKNESS:</b> 60 MILS, NOMINAL <b>INSTALLATION:</b> ADHERED. <b>EXPOSED FACE COLOR:</b> WHITE, INITIAL SOLAR REFLECTANCE OF 0.87, EMITTANCE OF 0.00 AND SOLAR REFLECTIVE INDEX (SRI) OF 110	SF	4462	\$1.49	\$6,665.56	0.025	111.54	\$35.09	\$0.88	\$3,913.34	\$10,578.89	
3		<b>COVER BOARD</b> 1/2" COVER BOARD: TYPE V, ORIENTED-STRAND-BOARD NOMINAL	SF	3903	\$1.64	\$6,407.16	0.021	81.96	\$35.16	\$0.74	\$2,881.82	\$9,288.98	
4		<b>ROOF INSULATION</b> R25-LONG TERM THERMAL RESISTANCE ISO TAPERED ROOF INSULATION AT 1/4" PER FOOT	SF	3903	\$1.51	\$5,901.34	0.012	46.84	\$39.86	\$0.48	\$1,867.00	\$7,768.34	
5		<b>ROOF CRICKET</b> ROOF CRICKET W/ 1/2" PER FOOT SLOPE	SF	535	\$1.67	\$890.78	0.029	15.52	\$46.73	\$1.36	\$724.94	\$1,615.71	
6		<b>FLASHING</b> SELF-ADHERING THRU-WALL FLASHING-LAP	LF	57	\$1.31	\$74.39	0.091	5.19	\$34.65	\$3.15	\$179.73	\$254.11	
7		TWO-PIECE METAL REGLET & COUNTER FLASHING	LF	291	\$1.82	\$529.04	0.061	17.75	\$34.65	\$2.11	\$615.07	\$1,144.11	
8		22GA. SHEET METAL T-CLEAT/COUNTERFLASHING W/ HEMMED LOWER DRIP EDGE - ATTACH W/ STEEL FASTENERS @ 16" O.C.	LF	85	\$1.82	\$155.08	0.061	5.20	\$34.65	\$2.11	\$180.29	\$335.37	
9		BASE FLASHING	LF	111	\$1.49	\$165.28	0.091	10.13	\$34.65	\$3.15	\$350.95	\$516.23	
10		FABRIC REINFORCED MULTI-COAT LIQUID FLASHING SYSTEM	LF	44	\$0.92	\$40.39	0.091	4.00	\$34.65	\$3.15	\$138.74	\$179.13	
11		AS PER ROOFING MFR	LF	8	\$2.39	\$19.08	0.095	0.76	\$34.65	\$3.29	\$26.33	\$45.41	
12		<b>SCUPPER</b> MEMBRANE COATED SHEET METAL SCUPPER	EA	2	\$364.50	\$729.00	1.000	2.00	\$43.50	\$43.50	\$87.00	\$816.00	
13	A-103, A-317, A-518	<b>SEALANT</b> ELASTOMERIC ROOFING SEALANT	LF	22	\$1.59	\$34.25	0.040	0.86	\$39.04	\$1.56	\$33.57	\$67.82	
14		<b>EXPANSION JOINT COVER</b> 24GA. SHEET METAL EXPANSION JOINT COVER	LF	31	\$11.03	\$341.78	0.088	2.73	\$39.86	\$3.51	\$108.74	\$450.52	
15		COMPATIBLE SEALANT AT ROOF DRAINS & SCUPPER	LF	40	\$2.39	\$95.40	0.095	3.80	\$34.65	\$3.29	\$131.67	\$227.07	

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						BONDING						2.00%	\$	17,277
						CONTINGENCY / WASTAGE						5.00%	\$	32,569
						<b>PROPOSED PROJECT AMOUNT</b>						<b>\$</b>	<b>913,676</b>	
						<b>TOTAL MANHOURS</b>							<b>4489.07</b>	
DATE	PROJECT NAME			SCOPE OF WORK		PROJECT LOCATION								
LINE NO.	DWG REF./CSI SEC.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	MATERIAL		LABOR				LINE TOTAL	TRADE TOTAL W/ S.TAX, O&P		
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		<b>WALKWAYS</b>												
16		FLEXIBLE WALKWAYS MAINTENANCE PADS: FACTORY-FORMED, NONPOROUS, HEAVY-DUTY, SLIP-RESISTING, SURFACETEXTURED WALKWAY PADS OR ROLLS THICKNESS: 3/16"	SF	478	\$1.46	\$696.92	0.008	3.82	\$35.18	\$0.28	\$134.51	\$831.43		
		<b>COPING</b>												
17		1'-11 5/8"W x 6"THK CAST STONE COPING W/ DRIP GROOVE EACH SIDE	LF	57	\$21.60	\$1,231.20	0.200	11.40	\$35.18	\$7.04	\$401.00	\$1,632.20		
18		9-5/8"W x 3"THK CAST STONE COPING W/ DRIP GROOVE EACH SIDE	LF	31	\$16.20	\$502.20	0.185	5.74	\$35.18	\$6.51	\$201.73	\$703.93		
		<b>ROOF DRAIN</b>												
19		CAST-IRON ROOF DRAINS <b>MANUFACTURERS:</b> A. JOSAM COMPANY. B. MIFAB, INC. C. SMITH, JAY R. MFG. CO. D. TYLER PIPE. E. WATTS WATER TECHNOLOGIES, INC. F. ZURN PLUMBING PRODUCTS GROUP; SPECIFICATION DRAINAGE OPERATION.	EA	4	\$189.90	\$759.60	1.333	5.33	\$48.34	\$64.43	\$257.74	\$1,017.34		
		<b>SPLASH BLOCK</b>												
20		PRECAST CONCRETE SPLASH BLOCK	EA	1	\$22.50	\$22.50	0.500	0.50	\$39.04	\$19.52	\$19.52	\$42.02		
		<b>TERMINATION BARS</b>												
21		TERMINATION BARS AT HVAC UNITS FOR ROOF OVERLAPPING	LF	79	\$5.09	\$401.72	0.085	6.72	\$34.65	\$2.95	\$232.67	\$634.39		
22		TERMINATION BARS AT EXHAUST FAN	LF	3	\$5.09	\$15.97	0.085	0.27	\$34.65	\$2.95	\$9.25	\$25.23		
23		TERMINATION BARS AT CONDENSATE DRAIN DOWN TO SERVICE SINK	LOC	1	\$36.00	\$36.00	0.595	0.60	\$34.65	\$20.62	\$20.62	\$56.62		
24		TERMINATION BARS AT ROOF DRAINS	LF	32	\$5.09	\$162.72	0.085	2.72	\$34.65	\$2.95	\$94.25	\$256.97		
25		TERMINATION BARS AT ROOF SCUPPERS	LF	8	\$5.09	\$40.68	0.085	0.68	\$34.65	\$2.95	\$23.56	\$64.24		
		<b>BLOCKING</b>												
26		(2) 2x4 WOOD BLOCKING FOR HVAC PENETRATIONS	LF	114	\$1.48	\$168.26	0.052	5.93	\$35.16	\$1.83	\$208.43	\$376.69		
		<b>STANDING SEAM ROOFING ASSEMBLY</b>												
27		22GA. SMOOTH TEXTURE STANDING SEAM ROOFING ASSEMBLY <b>MANUFACTURERS:</b> I. BERRIDGE - TEE-LOCK PANEL (SYMMETRICAL PANEL) WITH OPTIONAL EXTRUDED VINYL WEATHERSEAL II. MCELROY METAL - 238T SYMMETRICAL PANEL III. SUBSTITUTIONS: IN ACCORDANCE WITH DIVISION 01 REQUIREMENTS. <b>MATERIAL:</b> METALLIC-COATED STEEL SHEET: ZINC-COATED (GALVANIZED) STEEL SHEET COMPLYING WITH ASTM A 653/A 653M, G90 COATING DESIGNATION WITH METAL BATTENS MFR: STANDARD <b>MATERIAL:</b> ALUMINUM-ZINC-ALLOY-COATED OR ZINC-COATED STEEL SHEET	SF	25583	\$10.22	\$261,325.48	0.095	2430.34	\$46.73	\$4.44	\$113,557.62	\$374,883.10		

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					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST		
28		22GA. SMOOTH TEXTURE STANDING SEAM ROOFING ASSEMBLY AT CANOPY SUPPORTTED ON HEAVY TIMBERS <b>MANUFACTURERS:</b> I. BERRIDGE - TEE-LOCK PANEL (SYMMETRICAL PANEL) WITH OPTIONAL EXTRUDED VINYL WEATHERSEAL II. MCELROY METAL - 238T SYMMETRICAL PANEL III. SUBSTITUTIONS: IN ACCORDANCE WITH DIVISION 01 REQUIREMENTS. <b>MATERIAL:</b> METALLIC-COATED STEEL SHEET: ZINC-COATED (GALVANIZED) STEEL SHEET COMPLYING WITH ASTM A 653/A 653M, G90 COATING DESIGNATION WITH METAL BATTENS MFR: STANDARD MATERIAL: ALUMINUM-ZINC-ALLOY-COATED OR ZINC-COATED STEEL SHEET	SF	2007	\$10.22	\$20,505.15	0.095	190.70	\$46.73	\$4.44	\$8,910.41	\$29,415.56	
		<b>UNDERLAYMENT</b>											
29		30-40 MILS THIK. SELF-ADHERING, HIGH-TEMPERATURE UNDERLAYMENT	SF	27894	\$0.09	\$2,560.69	0.001	38.22	\$34.65	\$0.05	\$1,324.15	\$3,884.84	
		<b>COVER BOARD</b>											
30		1/2" COVER BOARD: TYPE V, ORIENTED-STRAND-BOARD NOMINAL	SF	25583	\$1.64	\$41,996.27	0.021	537.23	\$35.16	\$0.74	\$18,889.11	\$60,885.38	
		<b>ROOF INSULATION</b>											
31		R25-LONG TERM THERMAL RESISTANCE ISO ROOF INSULATION	SF	25583	\$1.51	\$38,680.78	0.012	306.99	\$39.86	\$0.48	\$12,237.40	\$50,918.18	
		<b>ROOF LINES</b>											
32		RIDGE LINE	LF	143	\$1.49	\$212.36	0.035	5.01	\$26.85	\$0.94	\$134.38	\$346.74	
33		VALLEY LINE	LF	22	\$1.49	\$32.37	0.035	0.76	\$26.85	\$0.94	\$20.48	\$52.85	
34		HIP LINE	LF	22	\$1.49	\$32.37	0.035	0.76	\$26.85	\$0.94	\$20.48	\$52.85	
		<b>FASCIA</b>											
35	A-103A-103, A-317, A-518	1x8 OVER 1x12 FIBER CEMENT FASCIA BOARDS	LF	939	\$4.83	\$4,540.10	0.040	37.58	\$39.86	\$1.59	\$1,497.87	\$6,037.96	
36		1x8 FIBER CEMENT FASCIA BOARDS	LF	976	\$3.84	\$3,751.11	0.038	37.28	\$39.86	\$1.52	\$1,486.10	\$5,237.21	
		<b>GUTTER &amp; DOWNSPOUT</b>											
37		6" HALF ROUND GUTTER W/SUPPORT BRACKET @ 36" O.C.	LF	320	\$3.02	\$964.80	0.100	32.00	\$46.73	\$4.67	\$1,495.20	\$2,460.00	
38		8" HALF ROUND GUTTER W/ SUPPORT BRACKET @ 36" O.C.	LF	454	\$3.83	\$1,734.64	0.115	52.15	\$46.73	\$5.37	\$2,436.83	\$4,171.46	
39		4" DIA DOWNSPOUTS W/ BRACKETS	LF	144	\$2.15	\$309.74	0.067	9.65	\$46.73	\$3.13	\$450.80	\$760.55	
40		5" DIA DOWNSPOUTS W/ BRACKETS	LF	183	\$2.36	\$430.34	0.064	11.68	\$46.73	\$2.99	\$545.75	\$976.08	
41		RAIN CHAIN DOWNSPOUTS	LF	108	\$2.15	\$232.31	0.067	7.24	\$46.73	\$3.13	\$338.10	\$570.41	
		<b>FLASHING</b>											
42		PREFINISHED METAL "Z" FLASHING	LF	12	\$1.31	\$15.66	0.091	1.09	\$34.65	\$3.15	\$37.84	\$53.50	
43		TWO-PIECE METAL REGLET & COUNTERFLASHING	LF	351	\$1.82	\$638.08	0.061	21.41	\$34.65	\$2.11	\$741.85	\$1,379.93	
44		22GA. SHEET METAL T-CLEAT/COUNTERFLASHING W/ HEMMED LOWER DRIP EDGE - ATTACH W/ STEEL FASTENERS @ 16" O.C.	LF	89	\$1.82	\$161.77	0.061	5.43	\$34.65	\$2.11	\$188.07	\$349.84	
45		PREFINISHED PERIMETER EDGE METAL FLASHING	LF	1427	\$1.31	\$1,862.81	0.091	129.90	\$34.65	\$3.15	\$4,500.93	\$6,363.74	
46		PREFINISHED METAL "Z" CLOSUREM SET IN BED OF SEALANT	LF	951	\$1.31	\$1,241.60	0.091	86.58	\$34.65	\$3.15	\$2,999.97	\$4,241.57	
47		PREFINISHED METAL FLASHING	LF	89	\$1.31	\$116.12	0.091	8.10	\$34.65	\$3.15	\$280.57	\$396.69	
48		SHEET METAL RAIN COLLAR	LF	21	\$1.83	\$37.88	0.089	1.85	\$35.18	\$3.13	\$64.91	\$102.79	
		<b>BLOCKING</b>											
49		P.T. 3-2x6 WOOD BLOCKING CUT & SHIM	LF	1456	\$2.30	\$3,349.63	0.084	122.31	\$35.16	\$2.95	\$4,300.53	\$7,650.16	
50		P.T. 2x12 WOOD CURB	LF	89	\$1.88	\$167.21	0.057	5.07	\$35.16	\$2.00	\$178.33	\$345.54	

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					UNIT PRICE	TOTAL COST	UNIT LABOR HOUR	LABOR HOURS	LABOR RATE	UNIT PRICE	TOTAL COST			
51		(3) P.T. 2x4 WOOD BLOCKING FOR HVAC PENETRATIONS	LF	44	\$2.21	\$97.42	0.078	3.43	\$35.16	\$2.74	\$120.67	\$218.09		
		<b>PIPE COVERS</b>												
52		THERMOPLASTIC COVER W/STEPS BOOTS & STAINLESS STEEL PIPE CLAMPS	EA	10	\$58.50	\$585.00	0.425	4.25	\$34.65	\$14.73	\$147.26	\$732.26		
		<b>SEALANT</b>												
53		CONT. BEAD OF SEALANT	LF	862	\$1.17	\$1,009.05	0.040	34.50	\$39.04	\$1.56	\$1,346.70	\$2,355.75		
54		TEMPERATURE APPROPRIATE SEALANT AT VENT CAPS	LF	21	\$2.57	\$53.18	0.049	1.02	\$39.04	\$1.91	\$39.66	\$92.84		
		<b>EXPANSION JOINT COVER</b>												
55		24GA. SHEET METAL EXPANSION JOINT COVER	LF	79	\$11.03	\$870.75	0.088	6.95	\$39.86	\$3.51	\$277.05	\$1,147.81		
		<b>COPING</b>												
56		4'-7-5/8"W x 5"THK CAST STONE COPING W/ DRIP GROOVE EACH SIDE	LF	15	\$21.60	\$324.00	0.200	3.00	\$35.18	\$7.04	\$105.53	\$429.53		
		<b>TERMINATION BARS</b>												
57		TERMINATION BARS AT DUCTS	LF	20	\$5.09	\$101.70	0.085	1.70	\$34.65	\$2.95	\$58.91	\$160.61		
58		TERMINATION BARS AT VENT CAPS	LF	31	\$5.09	\$159.75	0.085	2.67	\$34.65	\$2.95	\$92.53	\$252.27		
59		TERMINATION BARS AT EXHAUST FAN	LF	3	\$5.09	\$15.97	0.085	0.27	\$34.65	\$2.95	\$9.25	\$25.23		