

PRISM ESTIMATION

Project Title: **308 King Street N.**
 Location: **308 King Street N. Waterloo Ontario**
 Bid Date/Time/Due: **Wednesday, 17 August 2022**
 Project Type: **Open Shop/Non Union**
 Scope of Work: **Thermal & Moisture Protection**

SR #	CSI CODE	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASUREMENT	UNIT COST MATERIAL	TOTAL MATERIAL COST	LABOR HOURS	TOTAL HOURS	COST PER HOUR	TOTAL LABOR COST	TOTAL COST	TOTAL TRADE COST	
DIV.07 THERMAL & MOISTURE PROTECTION													CAD	1,278,089	
EPDM ROOF ASSEMBLY (R-1) (2 Hr (Fire Rated))													Labor Cost	CAD	48.00
1		50 mm Precast Patio Stones Covered With 25 mm Thick Rigid Insulation Supports	949.10	10%	1044	M2	CAD 122.60	CAD 127,995.63	0.90	938.8	CAD 48.00	CAD 45,062.34	CAD 173,057.97		
2		230 mm Thick Rigid Insulation (R-35)	949.10	10%	1044	M2	CAD 11.30	CAD 11,798.24	0.20	211.0	CAD 48.00	CAD 10,126.37	CAD 21,924.61		
3		60 Mil Epdm Waterproofing Membrane	949.10	10%	1044	M2	CAD 24.12	CAD 25,186.09	0.30	316.4	CAD 48.00	CAD 15,189.55	CAD 40,375.65		
4		Vapour Barrier	949.10	10%	1044	M2	CAD 6.43	CAD 6,709.41	0.12	126.6	CAD 48.00	CAD 6,075.82	CAD 12,785.23		
EPDM ROOF ASSEMBLY (R-2) Provide RSI = 5.69 (R35)															
5		50 mm Precast Patio Stones (Where Required)	903.70	10%	994	M2	CAD 122.60	CAD 121,872.30	0.81	803.5	CAD 48.00	CAD 38,567.91	CAD 160,440.20		
6		Washed Granular Ballast	903.70	10%	994	M2	CAD 77.91	CAD 77,447.88	0.57	562.4	CAD 48.00	CAD 26,997.53	CAD 104,445.41		
7		Protection Drainage Board	903.70	10%	994	M2	CAD 16.12	CAD 16,020.31	0.34	341.5	CAD 48.00	CAD 16,391.36	CAD 32,411.67		
8		25 mm Thick Rigid Insulation (R-35)	903.70	10%	994	M2	CAD 11.30	CAD 11,233.87	0.20	200.9	CAD 48.00	CAD 9,641.98	CAD 20,875.85		
9		60 Mil Epdm Waterproofing Membrane	903.70	10%	994	M2	CAD 24.12	CAD 23,981.32	0.30	301.3	CAD 48.00	CAD 14,462.96	CAD 38,444.29		
10		Vapour Barrier	903.70	10%	994	M2	CAD 6.43	CAD 6,388.47	0.12	120.5	CAD 48.00	CAD 5,785.19	CAD 12,173.65		
11		Concrete Pads For Roof Top Unit	55.20	10%	61	M2	CAD 101.14	CAD 6,141.49	0.68	41.1	CAD 48.00	CAD 1,972.99	CAD 8,114.48		
EPDM ROOF ASSEMBLY (R-7)															
12		50 mm Precast Patio Stones (Where Required)	1222.00	10%	1344	M2	CAD 122.60	CAD 164,797.99	0.81	1086.5	CAD 48.00	CAD 52,152.24	CAD 216,950.24		
13		Protection Drainage Board	1222.00	10%	1344	M2	CAD 16.12	CAD 21,662.96	0.34	461.8	CAD 48.00	CAD 22,164.70	CAD 43,827.66		
14		60 Mil Epdm Waterproofing Membrane	1222.00	10%	1344	M2	CAD 24.12	CAD 32,427.99	0.30	407.4	CAD 48.00	CAD 19,557.09	CAD 51,985.08		
15		Vapour Barrier	1222.00	10%	1344	M2	CAD 6.43	CAD 8,638.60	0.12	163.0	CAD 48.00	CAD 7,822.84	CAD 16,461.44		
200 MM WIDE LOW PARAPET WALL DETAIL															
16		Waterproofing Membrane Flashing Overlap To Parapet	114.50	10%	126	M2	CAD 47.06	CAD 5,927.50	0.61	76.4	CAD 48.00	CAD 3,664.95	CAD 9,592.45		
17		Vapour Barrier Over Lap To Parapet	114.50	10%	126	M2	CAD 6.43	CAD 809.43	0.12	15.3	CAD 48.00	CAD 732.99	CAD 1,542.42		
18		344 mm Wide Prefinished Metal Cap With Continuous Cleat	85.80	10%	94	M	CAD 50.54	CAD 4,770.25	0.25	23.3	CAD 48.00	CAD 1,116.22	CAD 5,886.47		
200 MM WIDE HIGH PARAPET WALL DETAIL															
19		Waterproofing Membrane Flashing Overlap To Parapet	159.90	10%	176	M2	CAD 47.06	CAD 8,277.79	0.61	106.6	CAD 48.00	CAD 5,118.13	CAD 13,395.92		
20		Vapour Barrier Over Lap To Parapet	159.90	10%	176	M2	CAD 6.43	CAD 1,130.37	0.12	21.3	CAD 48.00	CAD 1,023.63	CAD 2,154.00		
21		344 mm Wide Prefinished Metal Cap With Continuous Cleat	159.90	10%	176	M	CAD 50.54	CAD 8,890.01	0.25	43.3	CAD 48.00	CAD 2,080.23	CAD 10,970.24		
22		Continuous Prefinished Metal Flashing Fixed In To Reglet	159.90	10%	176	M	CAD 14.35	CAD 2,533.34	0.18	32.5	CAD 48.00	CAD 1,560.17	CAD 4,093.52		
23		16 (h) x 19 (d) Continuous Reglet C/W Sealant	159.90	10%	176	M	CAD 10.37	CAD 1,823.59	0.12	21.7	CAD 48.00	CAD 1,040.12	CAD 2,863.71		
300 MM WIDE HIGH PARAPET WALL DETAIL															
24		Waterproofing Membrane Flashing Overlap To Parapet	7.00	10%	8	M2	CAD 47.06	CAD 362.38	0.61	4.7	CAD 48.00	CAD 224.06	CAD 586.44		
25		Vapour Barrier Over Lap To Parapet	7.00	10%	8	M2	CAD 6.43	CAD 49.48	0.12	0.9	CAD 48.00	CAD 44.81	CAD 94.30		
26		634 mm Wide Prefinished Metal Cap With Continuous Cleat	9.70	10%	11	M	CAD 67.21	CAD 717.13	0.31	3.3	CAD 48.00	CAD 157.74	CAD 874.87		
27		Sealant	19.40	10%	21	M	CAD 1.33	CAD 28.30	0.13	2.8	CAD 48.00	CAD 135.66	CAD 163.96		
PENTHOUSE ROOF EDGE 200 MM WIDE															
28		Waterproofing Membrane Flashing Overlap To Edge	17.68	10%	19	M2	CAD 47.06	CAD 915.27	0.61	11.8	CAD 48.00	CAD 565.91	CAD 1,481.18		
29		Vapour Barrier Over Lap To Edge	17.68	10%	19	M2	CAD 6.43	CAD 124.98	0.12	2.4	CAD 48.00	CAD 113.18	CAD 238.17		
30		464 mm Wide Prefinished Metal Cap With Continuous Cleat	22.00	10%	24	M	CAD 54.94	CAD 1,329.63	0.25	6.0	CAD 48.00	CAD 286.21	CAD 1,615.84		
PENTHOUSE ROOF EDGE 300 MM WIDE															
31		Waterproofing Membrane Flashing Overlap To Edge	15.70	10%	17	M2	CAD 47.06	CAD 812.77	0.61	10.5	CAD 48.00	CAD 502.53	CAD 1,315.30		
32		Vapour Barrier Over Lap To Edge	15.70	10%	17	M2	CAD 6.43	CAD 110.99	0.12	2.1	CAD 48.00	CAD 100.51	CAD 211.49		
33		627 mm Wide Prefinished Metal Cap With Continuous Cleat	19.60	10%	22	M	CAD 67.21	CAD 1,449.04	0.31	6.6	CAD 48.00	CAD 318.73	CAD 1,767.78		
LOW ROOF PARAPET WALL A523/1															
34		Waterproofing Membrane Flashing Overlap To Parapet	17.00	10%	19	M2	CAD 47.06	CAD 880.07	0.61	11.3	CAD 48.00	CAD 544.14	CAD 1,424.21		
35		Vapour Barrier Over Lap To Parapet	17.00	10%	19	M2	CAD 6.43	CAD 120.18	0.12	2.3	CAD 48.00	CAD 108.83	CAD 229.01		
36		332 mm Wide Prefinished Metal Cap With Continuous Cleat	42.30	10%	47	M	CAD 50.54	CAD 2,351.77	0.25	11.5	CAD 48.00	CAD 550.31	CAD 2,902.07		
37		Continuous Prefinished Metal Flashing Fixed In To Reglet	42.30	10%	47	M	CAD 14.35	CAD 667.53	0.18	8.6	CAD 48.00	CAD 412.73	CAD 1,080.25		
38		16 (h) x 19 (d) Continuous Reglet C/W Sealant	42.30	10%	47	M	CAD 10.37	CAD 482.41	0.12	5.7	CAD 48.00	CAD 275.15	CAD 757.57		
LOW ROOF PARAPET WALL A524/3															
39		Waterproofing Membrane Flashing Overlap To Parapet	150.72	10%	166	M2	CAD 47.06	CAD 7,802.56	0.61	100.5	CAD 48.00	CAD 4,824.30	CAD 12,626.85		
40		Vapour Barrier Over Lap To Parapet	150.72	10%	166	M2	CAD 6.43	CAD 1,065.33	0.12	20.1	CAD 48.00	CAD 964.73	CAD 2,030.06		
41		318 mm Wide Prefinished Metal Cap With Continuous Cleat	188.40	10%	207	M	CAD 50.54	CAD 10,474.53	0.25	51.1	CAD 48.00	CAD 2,451.01	CAD 12,925.54		
42		Continuous Prefinished Metal Flashing Fixed In To Reglet	188.40	10%	207	M	CAD 14.35	CAD 2,973.09	0.18	38.3	CAD 48.00	CAD 1,838.25	CAD 4,811.35		
43		16 (h) x 19 (d) Continuous Reglet C/W Sealant	188.40	10%	207	M	CAD 10.37	CAD 2,148.62	0.12	25.5	CAD 48.00	CAD 1,225.50	CAD 3,374.12		
LOW ROOF PARAPET WALL A525/10															
44		Waterproofing Membrane Flashing Overlap To Parapet	18.40	10%	20	M2	CAD 47.06	CAD 952.54	0.61	12.3	CAD 48.00	CAD 588.95	CAD 1,541.49		
45		Vapour Barrier Over Lap To Parapet	18.40	10%	20	M2	CAD 6.43	CAD 130.07	0.12	2.5	CAD 48.00	CAD 117.79	CAD 247.86		
46		318 mm Wide Prefinished Metal Cap With Continuous Cleat	36.80	10%	40	M	CAD 50.54	CAD 2,045.98	0.25	10.0	CAD 48.00	CAD 478.75	CAD 2,524.73		
47		Continuous Prefinished Metal Flashing Fixed In To Reglet	36.80	10%	40	M	CAD 14.35	CAD 580.73	0.18	7.5	CAD 48.00	CAD 359.06	CAD 939.80		
48		16 (h) x 19 (d) Continuous Reglet C/W Sealant	36.80	10%	40	M	CAD 10.37	CAD 419.69	0.12	5.0	CAD 48.00	CAD 239.38	CAD 659.06		
ROOF ABOVE EAST PODIUM STAIRS EDGE A526/1															
49		Waterproofing Membrane Flashing Overlap To Edge	10.88	10%	12	M2	CAD 47.06	CAD 563.24	0.61	7.3	CAD 48.00	CAD 348.25	CAD 911.49		
50		Vapour Barrier Over Lap To Edge	10.88	10%	12	M2	CAD 6.43	CAD 76.91	0.12	1.5	CAD 48.00	CAD 69.65	CAD 146.56		
51		604 mm Wide Prefinished Metal Cap With Continuous Cleat	13.60	10%	15	M	CAD 67.21	CAD 1,005.46	0.31	4.6	CAD 48.00	CAD 221.16	CAD 1,226.62		
LOW ROOF PARAPET A526/10															
52		Waterproofing Membrane Flashing Overlap To Parapet	2.61	10%	3	M2	CAD 47.06	CAD 135.12	0.61	1.7	CAD 48.00	CAD 83.54	CAD 218.66		
53		Vapour Barrier Over Lap To Parapet	2.61	10%	3	M2	CAD 6.43	CAD 18.45	0.12	0.3	CAD 48.00	CAD 16.71	CAD 35.16		
54		318 mm Wide Prefinished Metal Cap With Continuous Cleat	2.90	10%	3	M	CAD 50.54	CAD 161.23	0.25	0.8	CAD 48.00	CAD 37.73	CAD 198.96		
55		Continuous Prefinished Metal Flashing Fixed In To Reglet	2.90	10%	3	M	CAD 14.35	CAD 45.76	0.18	0.6	CAD 48.00	CAD 28.30	CAD 74.06		
56		16 (h) x 19 (d) Continuous Reglet C/W Sealant	2.90	10%	3	M	CAD 10.37	CAD 33.07	0.12	0.4	CAD 48.00	CAD 18.86	CAD 51.94		
LOW ROOF PARAPET A526/9															
57		Waterproofing Membrane Flashing Overlap To Parapet	308.70	10%	340	M2	CAD 47.06	CAD 15,980.95	0.61	205.9	CAD 48.00	CAD 9,880.97	CAD 25,861.92		
58		Vapour Barrier Over Lap To Parapet	370.44	10%	407	M2	CAD 6.43	CAD 2,618.73	0.12	49.4	CAD 48.00	CAD 2,371.43	CAD 4,990.16		
59		Continuous Prefinished Metal Flashing	88.20	10%	97	M	CAD 14.35	CAD 1,391.86	0.18	17.9	CAD 48.00	CAD 860.58	CAD 2,252.45		
LOW ROOF PARAPET A525/2															
60		Waterproofing Membrane Flashing Overlap To Parapet	24.40	10%	27	M2	CAD 47.06	CAD 1,263.15	0.61	16.3	CAD 48.00	CAD 781.00	CAD 2,044.16		
61		Vapour Barrier Over Lap To Parapet	24.40	10%	27	M2	CAD 6.43	CAD 172.49	0.12	3.3	CAD 48.00	CAD 156.20	CAD 328.69		
62		Continuous Prefinished Metal Flashing	48.80	10%	54	M	CAD 14.35	CAD 770.10	0.18	9.9	CAD 48.00	CAD 476.15	CAD 1,246.25		
63		Caulk And Sealant	48.80	10%	54	M	CAD 1.61	CAD 86.46	0.04	2.0	CAD 48.00	CAD 95.23	CAD 181.69		
ROOF DRAINS															
64		50 mm Insulation Sleeper In Drains	29.70	10%	33	M	CAD 18.78	CAD 613.43	0.39	12.9	CAD 48.00	CAD 617.23	CAD 1,230.66		
65		Caulk And Seal Scupper Perimeter	12.00	10%	13	M	CAD 1.61	CAD 21.26	0.04	0.5	CAD 48.00	CAD 24.94	CAD 46.20		
66		Roof Drains	30.00	0%	30	EA	CAD 409.45	CAD 12,283.45	3.43	102.9	CAD 48.00	CAD 4,939.20	CAD 17,222.65		
67		Flow Drains	3.00	0%	3	EA	CAD 294.04	CAD 882.12	3.30	9.9	CAD 48.00	CAD 475.20	CAD 1,357.32		
68		Roof Scuppers	25.00	0%	25	EA	CAD 321.60	CAD 8,040.11	1.						