

PROJECT ID: COMMUNITY CENTRE ADDRESS: SCOPE: SLECTED SCOPE		DATE: 5/14/2026 BUILDING GROSS SQFT: 55219		CLIENTS DETAILS COMPANY NAME: PHONE: EMAIL: info@getninja.us WEBSITE: www.getninja.us						
DIVISION BREAKDOWN										
Division 01 - General Requirements								MATERIAL COST	LABOR COST	COST/SQFT
Division 02 - Site Work/ Site Utilities/Existing Conditions								\$190,000	\$15,000	\$3.71
Division 03 - Concrete								\$841,919	\$513,453	\$24.55
Division 04 - Masonary								\$1,479,831	\$1,558,594	\$55.02
Division 05 - Metals								\$71,864	\$67,921	\$2.53
Division 07 - Thermal & Moisture Protection								\$1,579,115	\$734,678	\$41.90
Division 08 - Openings								\$123,512	\$86,569	\$3.80
Division 09 - Finishes								\$92,612	\$15,532	\$1.96
Division 31 - Earthwork								\$164,290	\$105,546	\$4.89
SUBTOTAL								\$0	\$198,430	\$3.59
SALES TAX								\$7,838,864		\$141.96
OVERHEADS & PROFITS								\$0	\$0	\$0.00
INSURANCES								\$1,175,830		\$21.29
CONTINGENCY								\$39,194		\$0.71
TOTAL BASE BID								\$235,166		\$4.26
								\$9,289,054		\$168.22

Note:
1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resoures, we still encourage our clients to put their own.
2. This sheet is your property and we encourage you to fine tune the wastage and pricing values to your preference.
3. Feel free to contact us for any queries or suggestions.

ITEM #	DESCRIPTION	QUANTITY	WASTAGE	UNIT	QTY WASTAGE	UNIT	MAT COST	TOTAL MAT COST	NO. OF LABOR S	TYPE OF LABOR	PER HOUR LABOR WAGE	LABOR FACTOR	TOTAL LABOR HOURS	TOTAL LABOR COST	UNIT COST	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS																	
1	Project Manager	1	0%	1	LS	LS	\$50,000.00	\$50,000	1	CARP	\$35	0.000	0	\$0	\$50,000.00	\$50,000	
2	Field Superintendent	1	0%	1	LS	LS	\$90,000.00	\$90,000	1	CARP	\$35	0.000	0	\$0	\$90,000.00	\$90,000	
3	Bonds	1	0%	1	LS	LS	\$18,000.00	\$18,000	1	CARP	\$35	0.000	0	\$0	\$18,000.00	\$18,000	
4	Permitting	1	0%	1	LS	LS	\$2,200.00	\$2,200	1	CARP	\$35	0.000	0	\$0	\$2,200.00	\$2,200	
5	Mobilization Cost	1	0%	1	LS	LS	\$8,000.00	\$8,000	1	CARP	\$35	0.000	0	\$0	\$8,000.00	\$8,000	
6	Temp Fencing, Toilets, Utilities	1	0%	1	LS	LS	\$4,500.00	\$4,500	1	CARP	\$35	0.000	0	\$0	\$4,500.00	\$4,500	
7	Jobsite Signage, Trailer, Security	1	0%	1	LS	LS	\$4,000.00	\$4,000	1	CARP	\$35	0.000	0	\$0	\$4,000.00	\$4,000	
8	Dumpsters, Tools	12	0%	12	LS	LS	\$400.00	\$4,800	1	CARP	\$35	0.000	0	\$0	\$400.00	\$4,800	
9	Clean-up	1	0%	1	LS	LS	\$0.00	\$0	1	CARP	\$30	500.000	500	\$15,000	\$15,000.00	\$15,000	
10	Procure, Web Cameras	1	0%	1	LS	LS	\$8,500.00	\$8,500	1	CARP	\$35	0.000	0	\$0	\$8,500.00	\$8,500	
Subtotal (General Requirements)							TOTAL MAT COST:	\$190,000				LABOR COST:	\$15,000				\$205,000

DIVISION 02- SITE WORK/ EXISTING CONDITIONS																	
Demolition																	
11	Removal of Concrete Sidewalk	5551	0%	5551	SF	SF	\$0.00	\$0	1	Clab	\$50	0.040	222	\$11,101	\$2.00	\$11,101	
12	Removal of Tree	1	0%	1	EA	EA	\$0.00	\$0	1	Clab	\$50	1.000	1	\$50	\$50.00	\$50	
13	Relocate Traffic Light	1	0%	1	EA	EA	\$0.00	\$0	1	Clab	\$50	2.000	2	\$100	\$100.00	\$100	
14	Relocate Street Light	1	0%	1	EA	EA	\$0.00	\$0	1	Clab	\$50	2.000	2	\$100	\$100.00	\$100	
15	Relocate Fire Hydrant	1	0%	1	EA	EA	\$0.00	\$0	1	Clab	\$50	2.500	3	\$125	\$125.00	\$125	
Erosion Control																	
16	Construction Entrance Mud Mat	2583	5%	2713	SF	SF	\$1.30	\$3,526	1	Clab	\$50	0.020	54	\$2,713	\$2.30	\$6,239	
17	Silt Fence/Erosion Control Fence	2571	5%	2699	LF	LF	\$5.46	\$14,738	1	Clab	\$50	0.056	151	\$7,558	\$8.26	\$22,296	
18	Temporary Erosion Pond, Volume: 162.5 m³	1	0%	1	LS	LS	\$4,000.00	\$4,000	1	Clab	\$50	50.000	50	\$2,500	\$6,500.00	\$6,500	
19	450mm Dia. Concrete Culvert	28	5%	29	LF	LF	\$35.83	\$1,036	1	Clab	\$50	0.300	9	\$434	\$50.83	\$1,470	
20	50mm Discharge Hose	541	5%	568	LF	LF	\$7.66	\$4,346	1	Clab	\$50	0.200	114	\$5,676	\$17.66	\$10,022	
21	5000L Water Storage Tank	1	0%	1	EA	EA	\$8,000.00	\$8,000	1	Clab	\$50	30.000	30	\$1,500	\$9,500.00	\$9,500	
22	Short Term Flow Meter	1	0%	1	EA	EA	\$477.10	\$477	1	Clab	\$50	2.500	3	\$125	\$602.10	\$602	
23	Submersible Pump	3	0%	3	EA	EA	\$1,625.00	\$4,875	1	Clab	\$50	4.200	13	\$630	\$1,835.00	\$5,505	
Storm Drainage																	
24	100mm Dia. French Drain	49	5%	52	LF	LF	\$15.86	\$819	Crew	Q4	\$60	0.200	10	\$620	\$27.86	\$1,439	
25	200mm Dia. Orifice Tube	3	5%	3	LF	LF	\$40.56	\$140	Crew	Q4	\$60	0.240	1	\$60	\$54.96	\$189	
26	150mm Dia. Orifice Tube	3	5%	3	LF	LF	\$24.13	\$83	Crew	Q4	\$60	0.221	1	\$46	\$37.39	\$129	
27	100mm Dia. Orifice Tube	3	5%	3	LF	LF	\$15.86	\$85	Crew	Q4	\$60	0.200	1	\$41	\$27.86	\$96	
28	250mm Dia. PVC DR35 Storm Drainage Pipe	514	5%	540	LF	LF	\$63.05	\$34,037	Crew	Q4	\$60	0.340	184	\$11,013	\$83.45	\$45,050	
29	300mm Dia. PVC DR35 Storm Drainage Pipe	13	5%	14	LF	LF	\$78.30	\$1,079	Crew	Q4	\$60	0.400	6	\$331	\$102.30	\$1,409	
30	375mm Dia. PVC DR35 Storm Drainage Pipe	292	5%	307	LF	LF	\$88.40	\$27,096	Crew	Q4	\$60	0.420	129	\$7,724	\$113.60	\$34,820	
31	525mm Dia. Concrete DR35 Storm Drainage Pipe	684	5%	718	LF	LF	\$106.86	\$76,733	Crew	Q4	\$60	0.450	323	\$19,388	\$133.86	\$96,121	
32	Stormwater Drainage Manhole Structure; 1200mm Dia. Existing Catch basin & 200mm Storm Drain Connection to Decommissioned & Disposed off Site (By City Forces at Owners Expense)	43	0%	43	EA	EA	\$1,500.00	\$63,960	Crew	Q4	\$60	8.000	341	\$20,467	\$1,980.00	\$84,427	
Installed by Others																	
34	Storage Tank Access Hatch	1	0%	1	EA	EA	\$188.50	\$189	Crew	Q4	\$60	1.000	1	\$60	\$248.50	\$249	
35	Stormwater Irrigation Storage Tank; Size: 3.6m x 2.0m x 4m	1	0%	1	EA	EA	\$5,330.00	\$5,330	Crew	Q4	\$60	20.000	20	\$1,200	\$6,530.00	\$6,530	
Sanitary Services																	
36	250mm Dia. PVC DR35 Sanitary Sewer Line	27	5%	29	LF	LF	\$63.05	\$1,802	Crew	Q4	\$60	0.340	10	\$583	\$83.45	\$2,385	
37	Internal Backflow Preventor @250mm Pipe	1	0%	1	EA	EA	\$637.00	\$637	Crew	Q4	\$60	0.000	0	\$0	\$637.00	\$637	
38	Sanitary Manhole Structure; 1200mm Dia.	1	0%	1	EA	EA	\$2,470.00	\$2,470	Crew	Q4	\$60	12.000	12	\$720	\$3,190.00	\$3,190	
Water Services																	
39	100mm Dia. PVC DR28 Domestic Water Main	64	5%	67	LF	LF	\$27.56	\$1,851	Crew	Q4	\$60	0.280	19	\$1,128	\$44.36	\$2,979	
40	150mm Dia. PVC DR28 Water Main	105	5%	110	LF	LF	\$34.96	\$3,853	Crew	Q4	\$60	0.320	35	\$2,116	\$54.16	\$5,969	
41	200mm Dia. PVC DR28 Fire Water Main	60	5%	63	LF	LF	\$53.56	\$3,369	Crew	Q4	\$60	0.320	20	\$1,208	\$72.76	\$4,576	
42	200mm Dia. PVC DR28 Fire WM (To Be Installed By City Forces at Owners Expense)	55	5%	58	LF	LF											
Installed by Others																	
43	200mm Dia. PVC Watermain Connection W/ 200mm x 300mm Tapping Valve & Sleeve	1	0%	1	EA	EA	\$200.20	\$200	Crew	Q4	\$60	1.000	1	\$60	\$260.20	\$260	
44	100mm Dia. PVC DR28 Domestic Building Connection W/ Water Meter & Backflow Preventer	1	0%	1	EA	EA	\$1,566.50	\$1,567	Crew	Q4	\$60	1.900	2	\$114	\$1,680.50	\$1,681	
45	200mm Dia. PVC DR28 Fire Building Connection W/ Detector Assembly	1	0%	1	EA	EA	\$586.30	\$586	Crew	Q4	\$60	2.500	3	\$150	\$736.30	\$736	
46	100mm PVC DR28 Valve & Box	2	0%	2	EA	EA	\$115.70	\$231	Crew	Q4	\$60	1.000	2	\$120	\$175.70	\$351	
47	150mm PVC DR28 Valve & Box	2	0%	2	EA	EA	\$131.30	\$263	Crew	Q4	\$60	1.000	2	\$120	\$191.30	\$383	
48	200mm PVC DR28 Valve & Box	2	0%	2	EA	EA	\$214.50	\$429	Crew	Q4	\$60	1.000	2	\$120	\$274.50	\$549	
49	90 Degree Bend - 100mm PVC DR28 Bend	1	0%	1	EA	EA	\$40.30	\$40	Crew	Q4	\$60	1.000	1	\$60	\$100.30	\$100	
50	90 Degree Bend - 150mm PVC DR28 Bend	2	0%	2	EA	EA	\$53.30	\$107	Crew	Q4	\$60	1.000	2	\$120	\$113.30	\$227	
51	200mm x 100mm Tee	1	0%	1	EA	EA	\$15.86	\$16	Crew	Q4	\$60	1.000	1	\$60	\$75.86	\$78	
52	Siamese Connection	1	0%	1	EA	EA	\$8.97	\$9	Crew	Q4	\$60	1.000	1	\$60	\$68.97	\$69	
53	Fire Hydrant Assembly	1	0%	1	EA	EA	\$5,850.00	\$5,850	Crew	Q4	\$60	60.000	60	\$3,600	\$9,450.00	\$9,450	
54	300mm PVC Water Connections to Disconnected at the Main & Grouted (By City Forces at Owners Expense)	1	0%	1	EA	EA											
Site Lighting																	
55	A1: 64LEDs Area Medium Pole Light, Arrangement: Single	10	0%	10	EA	EA	\$4,095.00	\$40,950	Crew	Clab	\$50	20.000	200	\$10,000	\$5,095.00	\$50,950	
56	A2: 64LEDs Area Medium Pole Light, Arrangement: Back-to-Back	3	0%	3	EA	EA	\$4,452.50	\$13,358	Crew	Clab	\$50	20.000	60	\$3,000	\$5,452.50	\$16,358	
57	C: 140 LED's LED Post Top, Arrangement: Single	4	0%	4	EA	EA	\$968.50	\$3,874	Crew	Clab	\$50	20.000	80	\$4,000	\$1,968.50	\$7,874	
58	B: 42" Shaft Height - LED Bollard	7	0%	7	EA	EA	\$443.30	\$3,103	Crew	Clab	\$50	6.000	42	\$2,100	\$743.30	\$5,203	
59	D: 140 LED's LED Post Top, Arrangement: Single	2	0%	2	EA	EA	\$968.50	\$1,937	Crew	Clab	\$50	4.500	9	\$450	\$1,193.50	\$2,387	
60	A3: 64LEDs Area Medium Pole Light, Arrangement: Single	3	0%	3	EA	EA	\$4,095.00	\$12,285	Crew	Clab	\$50	20.000	60	\$3,000	\$5,095.00	\$15,285	
61	A4: 64LEDs Area Medium Pole Light, Arrangement: Back-to-Back	1	0%	1	EA	EA	\$4,452.50	\$4,453	Crew	Clab	\$50	20.000	20	\$1,000	\$5,452.50	\$5,453	
62	A5: 48 LED's Area Medium Pole Light, Arrangement: Single	2	0%	2	EA	EA	\$968.50	\$1,937	Crew	Clab	\$50	20.000	40	\$2,000	\$1,968.50	\$3,937	
Site Works																	
Concrete Sidewalk																	
63	-150mm Thick Concrete Sidewalk W/ Reinf. -100µm Thick Polyethylene Vapor Barrier -150mm Granular A Base	6857	5%	7200	SF	SF	\$3.50	\$25,198	Crew	B14S	\$65	0.055	396	\$25,738	\$7.08	\$50,936	
Heavy Duty Asphalt Driveway																	
64	-40mm HL-3F Top -40mm HL-8 Base -150mm Granular A Base																

68	Concrete Curb & Gutter	69	5%	72	LF	\$15.99	\$1,156	Crew	B14S	\$65	0.220	16	\$1,034	\$30.29	\$2,191	
69	1800mm x 1800mm Concrete Pad for Transformers	35	5%	37	SF	\$4.63	\$169	Crew	B14S	\$65	0.065	2	\$155	\$8.85	\$324	
70	Tactile Walking Surface & Sidewalk	129	5%	136	SF	\$2.73	\$370	Crew	B14S	\$65	0.068	9	\$599	\$7.15	\$970	
Stripping & Signages																
71	ADA Parking Signage Pole Mounted (Include Concrete Footing)	6	0%	6	EA	\$274.30	\$1,646	1	Painter	\$55	2.500	15	\$825	\$411.80	\$2,471	
72	Fire Route Sign (Include Concrete Footing)	1	0%	1	EA	\$257.40	\$257	1	Painter	\$55	2.500	3	\$138	\$394.90	\$395	
73	Pylon Sign	1	0%	1	EA	\$16.64	\$17	1	Painter	\$55	1.000	1	\$55	\$71.64	\$72	
74	Parking Lot Line Stripping	369	5%	387	LF	\$0.42	\$161	1	Painter	\$55	0.020	8	\$426	\$1.52	\$587	
75	ADA Parking Stripping Symbol	6	0%	6	EA	\$8.96	\$54	1	Painter	\$55	1.000	6	\$330	\$63.96	\$384	
Fence																
76	1800mm High Alum. Decorative Fence	198	5%	208	LF	\$32.37	\$6,745	1	Clab	\$50	0.150	31	\$1,563	\$39.87	\$8,307	
77	1800mm High Chainlink Fence	1114	5%	1169	LF	\$32.37	\$37,850	1	Clab	\$50	0.150	175	\$8,770	\$39.87	\$46,619	
Misc.																
78	Bike Racks	18	0%	18	EA	\$59.77	\$1,076	1	Clab	\$40	1.000	18	\$720	\$99.77	\$1,796	
79	500mm Thick Concrete Toewalk; Max Height: 650mm	91	5%	95	LF	\$12.81	\$1,223	1	Clab	\$40	0.100	10	\$382	\$16.81	\$1,605	
Landscaping																
80	Trees	102	0%	102	EA	\$200.20	\$20,420	1	Land	\$55	2.500	255	\$14,025	\$337.70	\$34,445	
81	Shrubs	795	0%	795	EA	\$11.13	\$8,847	1	Land	\$55	0.250	199	\$10,931	\$24.88	\$19,778	
82	SODED Area	66317	5%	69633	SF	\$0.91	\$63,366	1	Land	\$55	0.020	1393	\$76,596	\$2.01	\$139,962	
83	Sedum Mat Green Roof Tray Type Green Roof System	9556	5%	10034	SF	\$1.27	\$12,783	1	Land	\$55	0.024	241	\$13,245	\$2.59	\$20,028	
84	Alum. Edger W/ Drainage Slots	533	5%	559	LF	\$1.30	\$727	1	Land	\$55	0.033	18	\$1,015	\$3.12	\$1,742	
85	Slip Sheet	608	5%	639	LF	\$1.56	\$996	1	Land	\$55	0.040	26	\$1,405	\$3.76	\$2,401	
86	Gravel Maintenance Strip, Gravel Depth 120mm, TYP	4014	5%	4215	SF	\$2.73	\$11,506	1	Land	\$55	0.040	169	\$9,273	\$4.93	\$20,779	
Irrigation Work																
87	Provide Allowance for Irrigation Works	1	0%	1	LS											
Subtotal (Site Work/ Existing Conditions)																
							TOTAL MAT COST:	\$841,919			LABOR COST			\$513,453		\$1,355,372

DIVISION 03- CONCRETE

Concrete Slab																
88	125mm Concrete Slab-on-Grade Reinf. W/ 150x150x6/6 WWM	7266	3%	7484	SF	\$3.12	\$23,349	Crew	B14S	\$60	0.045	337	\$20,206	\$5.82	\$43,555	
89	200mm Pre-Cast Concrete Slab	6310	3%	6499	SF	\$4.00	\$25,996	Crew	B14S	\$60	0.050	325	\$19,497	\$7.00	\$45,493	
90	350mm Pre-Cast Concrete Slab	18871	3%	19438	SF	\$6.00	\$116,626	Crew	B14S	\$60	0.050	972	\$58,313	\$9.00	\$174,938	
91	300mm Concrete Slab on Grade Reinf. W/ 20M @300mm C/C Top & Bot Each Way	19953	3%	20551	SF	\$4.00	\$82,206	Crew	B14S	\$60	0.050	1028	\$61,654	\$7.00	\$143,860	
92	250mm Concrete Slab Reinf. W/ 15M @250mm O.C. Top & Bot. Each Way	1433	3%	1476	SF	\$3.50	\$5,165	Crew	B14S	\$60	0.050	74	\$4,427	\$6.50	\$9,592	
Footing																
93	F1: 4300mm x 4300mm x 815mm Concrete Footing Reinf. W/ 30M @350mm Top & Bot. Each Way	20	3%	20	CY	\$375.70	\$7,627	Crew	B14L	\$60	7.000	142	\$8,527	\$795.70	\$16,154	
94	F2: 4300mm x 4300mm x 815mm Concrete Footing Reinf. W/ 30M @350mm Top & Bot. Each Way	79	3%	81	CY	\$375.70	\$30,509	Crew	B14L	\$60	7.000	568	\$34,106	\$795.70	\$64,615	
95	F3: 4300mm x 4300mm x 550mm Concrete Footing Reinf. W/ 25M @250mm Top & Bot. Each Way	40	3%	41	CY	\$375.70	\$15,442	Crew	B14L	\$60	7.000	288	\$17,262	\$795.70	\$32,704	
96	F4: 4300mm x 4300mm x 815mm Concrete Footing Reinf. W/ 30M @350mm Top & Bot. Each Way	20	3%	20	CY	\$375.70	\$7,627	Crew	B14L	\$60	7.000	142	\$8,527	\$795.70	\$16,154	
97	F5: 2600mm x 2600mm x 550mm Concrete Footing Reinf. W/ 25M @250mm Top & Bot. Each Way	5	3%	5	CY	\$375.70	\$1,882	Crew	B14L	\$60	7.000	35	\$2,104	\$795.70	\$3,986	
98	F6: 2600mm x 2600mm x 550mm Concrete Footing Reinf. W/ 25M @250mm Top & Bot. Each Way	10	3%	10	CY	\$375.70	\$3,764	Crew	B14L	\$60	7.000	70	\$4,207	\$795.70	\$7,971	
99	F7: 4300mm x 7000mm x 550mm Concrete Footing Reinf. W/ 25M @250mm Top & Bot. Each Way	87	3%	89	CY	\$375.70	\$33,517	Crew	B14L	\$60	7.000	624	\$37,469	\$795.70	\$70,985	
100	F8: 2400mm x 2400mm x 450mm Concrete Footing Reinf. W/ 20M @300mm Top & Bot. Each Way	27	3%	28	CY	\$375.70	\$10,495	Crew	B14L	\$60	7.000	196	\$11,733	\$795.70	\$22,228	
101	F9: 1400mm Thick Concrete Footing Reinf. W/ 30M @250mm Top & Bot. Each Way	235	3%	242	CY	\$375.70	\$90,792	Crew	B14L	\$60	7.000	1692	\$101,498	\$795.70	\$192,290	
102	610mm Thick Concrete Footing Reinf. W/ 25M @300mm Top & Bot. Each Way	717	3%	738	CY	\$375.70	\$277,376	Crew	B14L	\$60	7.000	5168	\$310,082	\$795.70	\$587,459	
103	300mm Thick Concrete Footing Reinf. W/ 15M @400mm Top & Bot. Each Way	9	3%	9	CY	\$375.70	\$3,474	Crew	B14L	\$60	7.000	65	\$3,884	\$795.70	\$7,358	
104	350mm Thick Concrete Footing Reinf. W/ 20M @400mm Top & Bot. Each Way	7	3%	8	CY	\$375.70	\$2,885	Crew	B14L	\$60	7.000	54	\$3,225	\$795.70	\$6,109	
105	250mm Thick Concrete Footing Reinf. W/ 15M @400mm Top & Bot. Each Way	18	3%	19	CY	\$375.70	\$7,044	Crew	B14L	\$60	7.000	131	\$7,875	\$795.70	\$14,919	
Concrete Piers																
106	P1: 650mm x 650mm Concrete Pier Reinf. W/ 12-25M Rebars & 10M Ties @300mm C/C	2	3%	2	CY	\$375.70	\$855	Crew	B14L	\$60	9.500	22	\$1,298	\$945.70	\$2,153	
107	P2: 500mm x 500mm Concrete Pier Reinf. W/ 8-25M Rebars & 10M Ties @300mm C/C	3	3%	3	CY	\$375.70	\$1,012	Crew	B14L	\$60	9.500	26	\$1,536	\$945.70	\$2,548	
108	P3: 1220mm x 1220mm Concrete Pier Reinf. W/ 22-30M Rebars & 10M Ties @250mm C/C	60	3%	62	CY	\$375.70	\$23,353	Crew	B14L	\$60	9.500	591	\$35,431	\$945.70	\$58,785	
109	P4: 500mm x 500mm Concrete Pier Reinf. W/ 12-25M Rebars & 10M Ties @250mm C/C	6	3%	6	CY	\$375.70	\$2,151	Crew	B14L	\$60	9.500	54	\$3,264	\$945.70	\$5,415	
Concrete Walls																
110	200mm Thick Concrete Walls W/ Reinf.	39	3%	40	CY	\$375.70	\$15,063	Crew	B14L	\$60	10.000	401	\$24,055	\$975.70	\$39,118	
111	300mm Thick Concrete Walls W/ Reinf.	4	3%	4	CY	\$375.70	\$1,567	Crew	B14L	\$60	10.000	42	\$2,503	\$975.70	\$4,070	
112	445mm Thick Concrete Walls W/ Reinf.	613	3%	632	CY	\$375.70	\$237,321	Crew	B14L	\$60	10.000	6317	\$379,006	\$975.70	\$616,327	
113	275mm Thick Pre-Cast Concrete Panels, Insulated -113mm Concrete + 125mm R-28 Rigid Insulation + 113mm Concrete Panels	27448	10%	30193	SF	\$12.80	\$386,471	Crew	B14L	\$60	0.200	6039	\$362,316	\$24.80	\$748,787	
114	350mm Thick Pre-Cast Concrete Panels -113mm Concrete + 113mm Concrete Panels	431	10%	474	SF	\$12.80	\$6,062	Crew	B14L	\$60	0.200	95	\$5,683	\$24.80	\$11,746	
115	350mm Thick Pre-Cast Concrete Panels	1257	10%	1383	SF	\$12.80	\$17,702	Crew	B14L	\$60	0.200	277	\$16,596	\$24.80	\$34,297	
Concrete Stairs																
113	4344mm Wide Concrete Stairs (14'-6")	10	0%	10	RISERS	\$1,250.00	\$12,500	Crew	B14L	\$60	3.500	35	\$2,100	\$1,460.00	\$14,600	
113	6000mm Wide Concrete Stairs (20'-0")	10	0%	10	RISERS	\$1,450.00	\$14,500	Crew	B14L	\$60	3.800	38	\$2,280	\$1,678.00	\$16,780	
113	914mm Wide Pre-Cast Concrete Stairs (3'-0")	120	0%	120	RISERS	\$120.00	\$14,400	Crew	B14L	\$60	1.000	120	\$7,200	\$180.00	\$21,600	
114	Pre-Cast Concrete Stairs Landing	237	3%	244	SF	\$4.50	\$1,099	Crew	B14L	\$60	0.050	12	\$732	\$7.50	\$1,831	
Subtotal (Concrete)																
							TOTAL MAT COST:	\$1,479,831			LABOR COST			\$1,558,594		\$3,038,425

DIVISION 04- MASONRY

Masonry Wall																
115	W1: 190mm Thick Masonry Wall 15M @400mm Vert. Wire Truss/Ladder 4.8mm @Every Course	1505	5%	1580	SF	\$7.80	\$12,327	Crew	D8	\$60	0.120	190	\$11,378	\$15.00	\$23,705	
116	W1: 190mm Thick Masonry Wall 15M @400mm Vert. Wire Truss/Ladder 4.8mm @Every Course	1417	5%	1487	SF	\$7.80	\$11,601	Crew	D8	\$60	0.120	178	\$10,709	\$15.00	\$22,311	
117	W1: 190mm Thick Masonry Wall 15M @800mm Vert. Wire Truss/Ladder 4.8mm @Every Course	1771	5%	1859	SF	\$7.80	\$14,502	Crew	D8	\$60	0.120	223	\$13,386	\$15.00	\$27,888	
118	W2: 190mm Thick Masonry Wall 15M @400mm Vert. Wire Truss/Ladder 4.8mm @Every Course	1162	5%	1220	SF	\$7.80	\$9,517	Crew	D8	\$60	0.120	146	\$8,785	\$15.00	\$18,301	
119	W2: 190mm Thick Masonry Wall 15M @800mm Vert. Wire Truss/Ladder 4.8mm @Every Course	1094	5%	1148	SF	\$7.80	\$8,957	Crew	D8	\$60	0.120	138	\$8,268	\$15.00	\$17,225	
120	W2: 190mm Thick Masonry Wall 15M @800mm Vert. Wire Truss/Ladder 4.8mm @Every Course	1367	5%	1435	SF	\$7.80	\$11,196	Crew	D8	\$60	0.120	172	\$10,335	\$15.00	\$21,531	
Masonry Beams																
121	190mm Thick Masonry Beam W/ Reinf.	574	5%	602	LF	\$6.25	\$3,765	Crew	D8	\$60	0.140	84	\$5,060	\$14.65	\$8,825	
Subtotal (Masonry)																
							TOTAL MAT COST:	\$71,864			LABOR COST			\$67,921		\$139,785

DIVISION 05- METALS

Beams																
122	W 24x117	3070	5%	3224	LBS	\$2.25	\$7,253	2	CARP	\$60	0.028	90	\$5,416	\$3.93	\$12,669	
123	W 24x131	10806	5%	11347	LBS	\$2.25	\$25,530	2	CARP	\$60	0.028	318	\$19,063	\$3.93	\$44,593	
124	W 24x146	3776	5%	3965	LBS	\$2.25	\$8,921	2	CARP	\$60	0.028	111	\$6,661	\$3.93	\$15,582	
125	W 24x192	6193	5%	6503	LBS	\$2.25	\$14,631	2	CARP	\$60	0.028	182	\$10,925	\$3.93	\$25,556	
126	W 24x370	11529	5%	12106	LBS	\$2.25	\$27,238	2	CARP	\$60	0.028	339	\$20,338	\$3.93	\$47,575	
127	W 24x84	2053	5%	2155	LBS	\$2.25	\$4,849	2	CARP	\$60	0.028	60	\$3,621	\$3.93	\$8,470	
128	W 10x60	1260	5%	1322	LBS	\$2.25	\$2,976	2	CARP	\$60	0.028	37	\$2,222	\$3.93	\$5,197	
129	C 6x8.2	1761	5%	1849	LBS	\$2.25	\$4,160	2	CARP	\$60	0.028	52	\$3,106	\$3.93	\$7,265	
130	W 1000x272	5856	5%	6148	LBS	\$2.25	\$13,834	2	CARP	\$60	0.028	172	\$10,329	\$3.93	\$24,163	
131	W 1000x883	28565	5%	29994	LBS	\$2.25	\$67,486	2	CARP	\$60	0.028	840	\$50,389	\$3.93	\$117,875	
132	W 200x42	246	5%	259	LBS	\$2.25	\$582	2	CARP	\$60	0.028	7	\$434	\$3.93	\$1,016	
133	W 410x60	1240	5%	1302	LBS	\$2.25	\$2,930	2	CARP	\$60	0.028	36	\$2,188	\$3.93	\$5,117	
134	W 460x68	2860	5%	3003	LBS	\$2.25	\$6,757	2	CARP	\$60	0.028	84	\$5,045	\$3.93	\$11,802	
135	W 530x182	6856	5%	7198	LBS	\$2.25	\$16,196	2	CARP	\$60	0.028	202	\$12,093	\$3.93	\$28,290	
136	W 610x133	2416	5%	2537	LBS	\$2.25	\$5,708	2	CARP	\$60	0.028	71	\$4,262	\$3.93	\$9,970	
137	W 610x155	11047	5%	11600	LBS	\$2.25	\$26,099	2	CARP	\$60	0.028	325	\$19,487	\$		

138	W 610x174	16230	5%	17042	LBS	\$2.25	\$38,344	2	CARP	\$60	0.028	477	\$28,630	\$3.93	\$66,974	
139	W 610x195	65459	5%	68731	LBS	\$2.25	\$154,646	2	CARP	\$60	0.028	1924	\$115,469	\$3.93	\$270,115	
140	W 610x217	3926	5%	4123	LBS	\$2.25	\$9,276	2	CARP	\$60	0.028	115	\$6,926	\$3.93	\$16,202	
141	W 610x262	5708	5%	5994	LBS	\$2.25	\$13,486	2	CARP	\$60	0.028	168	\$10,070	\$3.93	\$23,556	
142	W 610x285	6293	5%	6608	LBS	\$2.25	\$14,868	2	CARP	\$60	0.028	185	\$11,101	\$3.93	\$25,969	
143	W 610x341	7914	5%	8310	LBS	\$2.25	\$18,697	2	CARP	\$60	0.028	233	\$13,960	\$3.93	\$32,657	
144	W 610x551	11936	5%	12533	LBS	\$2.25	\$28,199	2	CARP	\$60	0.028	351	\$21,055	\$3.93	\$49,254	
145	W 610x82	9578	5%	10057	LBS	\$2.25	\$22,629	2	CARP	\$60	0.028	282	\$16,896	\$3.93	\$39,525	
146	W 690x265	5704	5%	5989	LBS	\$2.25	\$13,475	2	CARP	\$60	0.028	168	\$10,061	\$3.93	\$23,537	
147	W 920x588	19021	5%	19972	LBS	\$2.25	\$44,937	2	CARP	\$60	0.028	559	\$33,553	\$3.93	\$78,489	
148	C 610x195	45932	5%	48229	LBS	\$2.25	\$108,515	2	CARP	\$60	0.028	1350	\$81,024	\$3.93	\$189,539	
149	HSS 152x102x13	141	5%	148	LF	\$38.35	\$5,664	2	CARP	\$60	0.140	21	\$1,241	\$46.75	\$6,904	
150	HSS 203x152x13	227	5%	238	LF	\$44.46	\$10,598	2	CARP	\$60	0.140	33	\$2,002	\$52.86	\$12,600	
151	HSS 203x203x13	86	5%	90	LF	\$50.13	\$4,511	2	CARP	\$60	0.140	13	\$756	\$58.53	\$5,267	
152	HSS 152x152x13	59	5%	62	LF	\$40.95	\$2,524	2	CARP	\$60	0.140	9	\$518	\$49.35	\$3,042	
Joists																
153	550mm Open Web Joists	567	5%	595	LF	\$11.13	\$6,623	2	CARP	\$60	0.050	30	\$1,785	\$14.13	\$8,408	
154	700mm Open Web Joists	101	5%	106	LF	\$15.57	\$1,649	2	CARP	\$60	0.055	6	\$349	\$18.87	\$1,999	
155	900mm Open Web Joists	236	5%	247	LF	\$16.77	\$4,149	2	CARP	\$60	0.061	15	\$905	\$20.43	\$5,054	
156	1000mm Open Web Steel Joists	1353	5%	1420	LF	\$16.93	\$24,042	2	CARP	\$60	0.068	97	\$5,795	\$21.01	\$29,838	
157	1100mm Open Web Steel Joists	192	5%	202	LF	\$19.24	\$3,879	2	CARP	\$60	0.069	14	\$835	\$23.38	\$4,713	
158	2400mm Open Web Steel Joists	2029	5%	2131	LF	\$27.95	\$59,552	2	CARP	\$60	0.080	170	\$10,227	\$32.75	\$69,779	
159	800S200-68 Joists (14 GA) @400mm C/C	1781	5%	1871	SF	\$7.96	\$14,882	2	CARP	\$60	0.040	75	\$4,289	\$10.36	\$19,371	
Deck																
160	14mm Composite Steel Deck - (18 GA)	88	5%	92	SF	\$9.43	\$871	2	CARP	\$60	0.040	4	\$222	\$11.83	\$1,093	
161	38x0.91mm Steel Deck L2C (20 GA)	9099	5%	9554	SF	\$10.56	\$100,847	2	CARP	\$60	0.040	382	\$22,928	\$12.96	\$123,775	
162	38x1.21mm Steel Deck L2C (18 GA)	19859	5%	20852	SF	\$11.88	\$247,759	2	CARP	\$60	0.040	834	\$50,044	\$14.28	\$297,803	
Lintels																
163	SL-1: Double - L 102x89x5.5mm	48	5%	50	LF	\$18.93	\$952	2	CARP	\$60	0.220	11	\$664	\$32.13	\$1,615	
164	SL-2: Double - L 203x102x13mm	10	5%	11	LF	\$27.60	\$298	2	CARP	\$60	0.150	2	\$97	\$36.60	\$396	
165	SL-3: W 360x79	14	5%	15	LF	\$31.93	\$479	2	CARP	\$60	0.200	3	\$180	\$43.93	\$660	
Columns																
166	C1: W 310x253	261	5%	274	LF	\$39.65	\$10,856	2	CARP	\$60	0.120	33	\$1,971	\$46.85	\$12,827	
167	C2: HSS 356x254x16mm	350	5%	368	LF	\$111.23	\$40,931	2	CARP	\$60	0.120	44	\$2,650	\$118.43	\$43,580	
168	C3: HSS 254x254x16mm	1124	5%	1181	LF	\$96.46	\$113,881	2	CARP	\$60	0.120	142	\$8,500	\$103.66	\$122,381	
169	C4: HSS 305x305x16mm	29	5%	30	LF	\$104.26	\$3,178	2	CARP	\$60	0.120	4	\$219	\$111.46	\$3,397	
170	HSS 152x152x13	98	5%	103	LF	\$79.95	\$8,260	2	CARP	\$60	0.120	12	\$744	\$87.15	\$9,004	
Base Plate																
171	BP1: 610mm x 610mm W/ 6-M19 Anchor Bolts	4	0%	4	EA	\$116.35	\$465	2	CARP	\$60	1.000	4	\$240	\$176.35	\$705	
172	BP2: 610mm x 610mm W/ 6-M19 Anchor Bolts	2	0%	2	EA	\$116.35	\$233	2	CARP	\$60	1.000	2	\$120	\$176.35	\$353	
173	BP3: 500mm x 500mm W/ 6-M31 Anchor Bolts	19	0%	19	EA	\$97.37	\$1,850	2	CARP	\$60	1.000	19	\$1,140	\$157.37	\$2,990	
174	BP4: 500mm x 500mm W/ 6-M31 Anchor Bolts	13	0%	13	EA	\$97.37	\$1,266	2	CARP	\$60	1.000	13	\$780	\$157.37	\$2,046	
175	BP5: 400mm x 400mm W/ 4-M19 Anchor Bolts	17	0%	17	EA	\$87.36	\$1,485	2	CARP	\$60	1.000	17	\$1,020	\$147.36	\$2,505	
176	BP6: 450mm x 450mm W/ 4-M19 Anchor Bolts	8	0%	8	EA	\$91.39	\$731	2	CARP	\$60	1.000	8	\$480	\$151.39	\$1,211	
177	BP7: 610mm x 610mm W/ 12-M45 Anchor Bolts	4	0%	4	EA	\$119.08	\$476	2	CARP	\$60	1.000	4	\$240	\$179.08	\$716	
Minirate Framing																
178	CS: W250x149	31535	5%	33111	LBS	\$2.25	\$74,500	2	CARP	\$60	0.028	927	\$55,627	\$3.93	\$130,128	
179	W 150x30 Circular Beam	4114	5%	4320	LBS	\$2.25	\$9,719	2	CARP	\$60	0.028	121	\$7,257	\$3.93	\$16,976	
180	W 150x37 Circular Beam	461	5%	484	LBS	\$2.25	\$1,090	2	CARP	\$60	0.028	14	\$814	\$3.93	\$1,903	
181	W 200x46 Circular Beam	573	5%	602	LBS	\$2.25	\$1,355	2	CARP	\$60	0.028	17	\$1,012	\$3.93	\$2,366	
182	HSS 152x6.4 Round Column	79	5%	83	LF	\$40.95	\$3,385	2	CARP	\$60	0.200	17	\$992	\$52.95	\$4,377	
183	L-127x127x22 Cross Bracing	735	5%	771	LF	\$11.13	\$8,585	2	CARP	\$60	0.047	36	\$2,176	\$13.95	\$10,760	
Railing																
184	1100mm High Metal Guardrail @Interior Stairs	246	5%	258	LF	\$131.30	\$33,915	2	CARP	\$60	0.780	201	\$12,088	\$178.10	\$46,003	
185	1100mm High Metal Handrail @Interior Stairs	246	5%	258	LF	\$31.93	\$8,247	2	CARP	\$60	0.200	52	\$3,100	\$43.93	\$11,347	
Misc.																
186	Pre-Fabricated Main Dome, Weight: 180 kN	1	0%	1	EA											
187	Pre-Fabricated Main Dome Crescent	1	0%	1	EA											
188	HSS 102x102x13mm Cross Bracing	736	5%	773	LF	\$35.36	\$27,327	2	CARP	\$60	0.070	54	\$3,246	\$39.56	\$30,573	
189	HSS 203x203x13mm Cross Bracing	351	3%	362	LF	\$50.13	\$18,127	2	CARP	\$60	0.070	25	\$1,519	\$54.33	\$19,646	
190	HSS 254x203x13mm Cross Bracing	319	3%	329	LF	\$53.95	\$17,753	2	CARP	\$60	0.070	23	\$1,382	\$58.15	\$19,135	
Subtotal (Metals)																
						TOTAL MAT COST:	\$1,579,115					LABOR COST:	\$734,678	\$2,313,793		
DIVISION 07- THERMAL & MOISTURE PROTECTION																
Flat Roof																
191	Saturate Soil	9558	3%	9845	SF	\$0.83	\$8,191	2	CARP	\$60	0.012	118	\$7,089	\$1.55	\$15,280	
192	Root Reinf., Greenshield 210 Garland	9558	3%	9845	SF	\$1.04	\$10,239	2	CARP	\$60	0.010	98	\$5,907	\$1.64	\$16,146	
193	Filter Drain, Greenshield 110	9558	3%	9845	SF	\$0.42	\$4,096	2	CARP	\$60	0.004	39	\$2,363	\$0.66	\$6,458	
194	Stressply Membrane, Garland	20444	3%	21058	SF	\$1.46	\$30,660	2	CARP	\$60	0.014	295	\$17,689	\$2.30	\$48,349	
195	2-ply HPR Glass Felt	20444	3%	21058	SF	\$0.35	\$7,446	2	CARP	\$60	0.004	84	\$5,054	\$0.59	\$12,500	
196	5" Thick Rigid Insulation R25	20444	3%	21058	SF	\$1.30	\$27,375	2	CARP	\$60	0.014	295	\$17,689	\$2.14	\$45,064	
197	1/2" Cement Board	20444	3%	21058	SF	\$0.94	\$19,710	2	CARP	\$60	0.014	284	\$17,057	\$1.75	\$36,767	
198	Metal Flashing	1187	3%	1223	LF	\$1.46	\$1,781	2	CARP	\$60	0.040	49	\$2,935	\$3.86	\$4,716	
199	Pre-Finished Metal Coping W/ Wood Nailer	1187	3%	1223	LF	\$2.81	\$3,434	2	CARP	\$60	0.050	61	\$3,669	\$5.81	\$7,103	
200	1" Thick Gray Stone Pavers, Size: 1'-0" x 2'-0"	1187	3%	1223	LF	\$4.99	\$6,105	2	CARP	\$60	0.075	92	\$5,503	\$9.49	\$11,609	
201	1" Thick Brown Stone Pavers, Size: 1'-0" x 1'-0"	6	0%	6	EA	\$105.04	\$654	2	CARP	\$60	1.000	6	\$373	\$165.04	\$1,027	
202	Roof Hatch	1	0%	1	EA	\$128.96	\$129	2	CARP	\$60	1.200	1	\$72	\$200.96	\$201	
203	Roof Ladders	5	0%	5	EA	\$788.40	\$3,692	2	CARP	\$60	3.900	20	\$1,170	\$972.40	\$4,862	
Subtotal (Thermal & Moisture Protection)																
						TOTAL MAT COST:	\$123,512					LABOR COST:	\$86,569	\$210,081		
DIVISION 08- OPENINGS																
Doors																
204	3'-0" x 7'-0" Metal Door & Frame W/ Associated Hardware	5	0%	5	EA	\$819.00	\$4,095	1	CARP	\$60	3.500	18	\$1,050	\$1,029.00	\$5,145	
205	6'-0" x 8'-6" Double Lead Quadric Metal Door & Frame W/ Associated Hardware	8	0%	8	EA	\$1,989.00	\$15,912	1	CARP	\$60	4.900	39	\$2,352	\$2,283.00	\$18,264	
Windows																
206	Windows W/ Glazing	1308	3%	1348	SF	\$53.87	\$72,605	1	CARP	\$60	0.150	202	\$12,130	\$62.87	\$84,734	
Subtotal (Openings)																
						TOTAL MAT COST:	\$92,612					LABOR COST:	\$15,532	\$108,143		
DIVISION 09- FINISHES																
Walls																
Wall Type S-02																
207	19mm Thick Delta MS Membrane (Polythene Resin Drainage Layer)	8338	3%	8588	SF	\$0.49	\$4,243	1	E4	\$55	0.004	34	\$1,889	\$0.71	\$6,132	
208	Tyvek Sheathing Paper, Overlapped 4" Horz. & Vertically	8338	3%	8588	SF	\$0.31	\$2,680	1	E4	\$60	0.004	34	\$2,061	\$0.55	\$4,741	
209	Cont. Foam Spray R-12	8338	3%	8588	SF	\$1.56	\$13,398	1	E4	\$60	0.014	120	\$7,214	\$2.40	\$20,612	
210	Cont. Foam Spray R-10	8338	3%	8588	SF	\$1.42	\$12,170	1	E4	\$60	0.014	120	\$7,214	\$2.26	\$19,384	
211	Vapour Barrier	8338	3%	8588	SF	\$0.26	\$2,233	1	E4	\$60	0.003	26	\$1,546	\$0.44	\$3,779	
212	2" Thick Steel Studs @24" O.C. W/ Top & Bot. Track; Height: 16'-0"	605	3%	623	LF-Wall	\$19.11	\$11,908	2	CARP	\$60	0.310	193	\$11,591	\$37.71	\$23,499	
Wall Type S-04																
213	19mm Thick Delta MS Membrane (Polythene Resin Drainage Layer)	1312	3%	1352	SF	\$0.49	\$668	1	E4	\$60	0.004	5	\$324	\$0.73	\$992	
214	Tyvek Sheathing Paper, Overlapped 4" Horz. & Vertically	1312	3%	1352	SF	\$0.31	\$422	1	E4	\$60	0.004	5	\$324	\$0.55	\$746	
215	Cont. Foam Spray R-12	1312	3%	1352	SF	\$1.56	\$2,108	1	E4	\$60	0.014	19	\$1,135	\$2.40	\$3,244	
216	Cont. Foam Spray R-10	1312	3%	1352	SF	\$1.42	\$1,915	1	E4	\$60	0.014	19	\$1,135	\$2.26	\$3,050	
217	Vapour Barrier	1312	3%	1352	SF	\$0.26	\$351	1	E4	\$60	0.003	4	\$243	\$0.44	\$595	
218	2" Thick Steel Studs @24" O.C. W/ Top & Bot. Track; Height: 16'-0"	95	3%	98	LF-Wall	\$19.11	\$1,874									

230	Excavation	16777	0%	16777	CY	\$0.00	\$0	I	Q14C	\$60	0.120	2013	\$120,795	\$7.20	\$120,795	
231	Backfill	3872	0%	3872	CY	\$0.00	\$0	I	Q14C	\$60	0.100	387	\$23,229	\$6.00	\$23,229	
	Grading															
232	Provide Allowance for Clearing, Grubbing & Grading	181352	0%	181352	SF	\$0.00	\$0	I	Q14C	\$60	0.005	907	\$54,406	\$0.30	\$54,406	
	Subtotal (Electrical)						TOTAL MAT COST:						LABOR COST	\$198,430		\$198,430