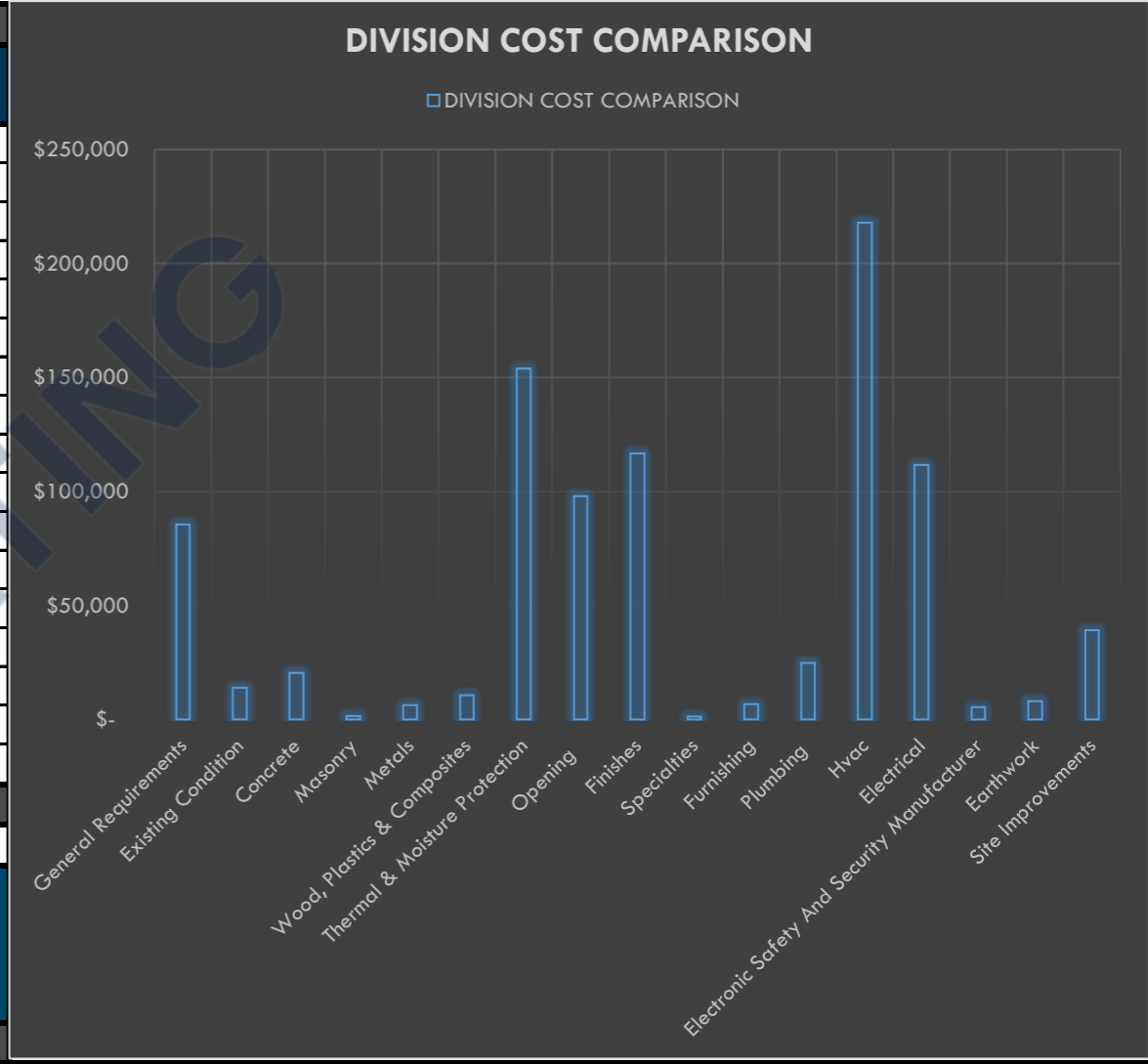


GENERAL SUMMARY



Prepared for:
Project ID:
Scope: G.C
No. Of Floors: 1
Date: 11/14/23

BUILDING GSF		13,993	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 85,500	\$ 6.11
2000	Existing Condition	\$ 13,825	\$ 0.99
3000	Concrete	\$ 20,503	\$ 1.47
4000	Masonry	\$ 1,468	\$ 0.10
5000	Metals	\$ 6,390	\$ 0.46
6000	Wood, Plastics & Composites	\$ 10,548	\$ 0.75
7000	Thermal & Moisture Protection	\$ 153,974	\$ 11.00
8000	Opening	\$ 97,992	\$ 7.00
9000	Finishes	\$ 116,606	\$ 8.33
10000	Specialties	\$ 1,220	\$ 0.09
12000	Furnishing	\$ 6,752	\$ 0.48
22000	Plumbing	\$ 24,864	\$ 1.78
23000	Hvac	\$ 217,958	\$ 15.58
26000	Electrical	\$ 111,721	\$ 7.98
28000	Electronic Safety And Security Manufacturer	\$ 5,404	\$ 0.39
31000	Earthwork	\$ 8,117	\$ 0.58
32000	Site Improvements	\$ 39,205	\$ 2.80
TOTAL TRADE COST		\$ 922,047	\$ 66
OVERHEAD AND PROFIT		10%	\$ 92,205
INSURANCE		3%	\$ 27,661
CONTINGENCY		5%	\$ 46,102
TAX		6%	\$ 35,605
SUGGESTED BID		\$ 1,123,620	\$ 82



DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -		\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 45,000.00	\$ 45,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 28,500.00	\$ 28,500.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 5,500.00	\$ 5,500.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,000.00	\$ 2,000.00
												SUBTOTAL \$	85,500

EXISTING CONDITIONS

DEMOLITION													
8			Tag 1: Remove Existing Door in its entirety Door Size: (3'-0" W x 7'-0" H)	EA	9	0%	9	1.320	\$ 32.00	\$ 42.24	\$ -	\$ 42.24	\$ 380.16
9			Remove Existing Door in its entirety Door Size: (3'-0" W x 7'-0" H) Note: At These Location There are New Doors In Door Schedule, But No Demolition is Given In Demo Plan D101 , So We Have Assumed Demo For These Four Doors.	EA	4	0%	4	1.320	\$ 32.00	\$ 42.24	\$ -	\$ 42.24	\$ 168.96
10			Tag 2: Remove Existing Stud Wall (11' H Assumed)	SF	1547	0%	1547	0.010	\$ 32.00	\$ 0.32	\$ -	\$ 0.32	\$ 495.16
11			Tag 3: Remove Existing 96"W x 42"H Window (1 EA)	SF	28	0%	28	1.200	\$ 32.00	\$ 38.40	\$ -	\$ 38.40	\$ 1,075.20
12			Tag 8: Remove Interior Masonry Wall (9'-6" H Assumed)	SF	60	0%	60	0.028	\$ 32.00	\$ 0.90	\$ -	\$ 0.90	\$ 54.14
13			Tag 3: Remove Existing 24"W x 42"H Window (3 EA)	SF	31	0%	31	0.500	\$ 32.00	\$ 16.00	\$ -	\$ 16.00	\$ 496.00
14			Tag 18: Demolish Existing Masonry Wall (9'-3" H)	SF	280	0%	280	0.028	\$ 32.00	\$ 0.90	\$ -	\$ 0.90	\$ 251.29
15			Tag 19: Saw Cut Window Opening In Masonry Wall(56" W x 48" H, 11 EA)	SF	462	0%	462	0.032	\$ 32.00	\$ 1.02	\$ -	\$ 1.02	\$ 473.09
16			Tag 17: Remove Dog Hatch (3' H x16" Assumed)	EA	12	0%	12	0.500	\$ 32.00	\$ 16.00	\$ -	\$ 16.00	\$ 192.00
17			Tag 22: Remove Chain Link & Pipe Kennels	SF	4396	0%	4396	0.005	\$ 32.00	\$ 0.16	\$ -	\$ 0.16	\$ 703.36
18			Tag 19: Saw Cut Door Opening In Masonry Wall(6'3" W x 7' H)	SF	44	0%	44	0.032	\$ 32.00	\$ 1.02	\$ -	\$ 1.02	\$ 45.06
19			Tag 12: Remove Wood Shed incl. Concrete Pad	SF	140	0%	140	0.056	\$ 32.00	\$ 1.79	\$ -	\$ 1.79	\$ 250.41
20			Tag 16: Remove Existing Pipe Bollard (5' H Assumed)	EA	4	0%	4	0.425	\$ 32.00	\$ 13.60	\$ -	\$ 13.60	\$ 54.40
21			Tag 15: Remove Existing Transformer (2'-8" W x 4' L)	EA	2	0%	2	1.500	\$ 32.00	\$ 48.00	\$ -	\$ 48.00	\$ 96.00
22			Tag 11: Remove Compressor , Ducts incl. Concrete Pad	SF	140	0%	140	0.056	\$ 32.00	\$ 1.79	\$ -	\$ 1.79	\$ 251.44
23			Tag 14: Remove Existing Chain Link Fence (7' H Assumed)	SF	715	0%	715	0.010	\$ 32.00	\$ 0.32	\$ -	\$ 0.32	\$ 228.93
24			Tag 20: Remove Existing Chain Link Fence Gate (5' H x 20' W, Height is Assumed)	EA	1	0%	1	2.500	\$ 32.00	\$ 80.00	\$ -	\$ 80.00	\$ 80.00
25			Tag 20: Remove Existing Chain Link Fence Gate (5' H x 5' W, Height is Assumed)	EA	1	0%	1	0.600	\$ 32.00	\$ 19.20	\$ -	\$ 19.20	\$ 19.20
26			Tag 8,9: Remove Existing Masonry Retaining Wall (95 LF) Note: We Assumed Area According To The Plan Notes, (Site Information/GI-100), Please verify.	SF	190	0%	190	0.028	\$ 32.00	\$ 0.90	\$ -	\$ 0.90	\$ 170.24
27			Tag 10: Provide Opening In Existing Masonry Wall.	SF	55	0%	55	0.032	\$ 32.00	\$ 1.02	\$ -	\$ 1.02	\$ 56.35
28			Tag 5: Remove Existing Roof Membrane(1" Thick, 2 Layers Of Rolled Asphalt Roofing) & 2" Thick Insulation	SF	12747	0%	12747	0.013	\$ 32.00	\$ 0.42	\$ -	\$ 0.42	\$ 5,302.75
29			Tag 7: Remove Existing Solar Panels, Dunnage & Supports Above Roof	SF	453	0%	453	0.008	\$ 32.00	\$ 0.26	\$ -	\$ 0.26	\$ 115.94
30			Tag 6: Remove Existing Skylights (4'-4" L x 1'-10" W)	EA	17	0%	17	1.000	\$ 32.00	\$ 32.00	\$ -	\$ 32.00	\$ 544.00
31			Tag 4: Remove Existing Sink	EA	1	0%	1	1.250	\$ 32.00	\$ 40.00	\$ -	\$ 40.00	\$ 40.00

Plan Notes

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
32	A121	Plan Notes	Remove Spray Coating On Concrete Roof Panels To Be Left Exposed To view.	SF	4762	0%	4762	0.005	\$ 32.00	\$ 0.16	\$ -	\$ 0.16	\$ 761.92
33	CD-100	Keynote #1/CD-100	Remove Concrete Curb & Gutter	LF	92	0%	92	0.040	\$ 32.00	\$ 1.28	\$ -	\$ 1.28	\$ 118.13
34		Keynote #2/CD-100	Remove HVAC Unit	EA	3	0%	3	2.500	\$ 32.00	\$ 80.00	\$ -	\$ 80.00	\$ 240.00
35		Keynote #5/CD-100	Remove Concrete Sidewalk	SF	85	0%	85	0.056	\$ 32.00	\$ 1.79	\$ -	\$ 1.79	\$ 151.57
36		Keynote #6/CD-100	Remove Concrete Pavement	SF	269	0%	269	0.042	\$ 32.00	\$ 1.34	\$ -	\$ 1.34	\$ 362.07
37		Keynote #7/CD-100	Remove Existing Sign	EA	2	0%	2	0.100	\$ 32.00	\$ 3.20	\$ -	\$ 3.20	\$ 6.40
38	LF-101	Plan Notes	Remove Trees From Previous Forest Conservation Plan	EA	3	0%	3	1.000	\$ 32.00	\$ 32.00	\$ -	\$ 32.00	\$ 96.00
PATCH & REPAIR													
39	A200	Plan Notes	Patch & Repair Exterior Brick Veneer	SF	133	0%	133	0.075	\$ 32.00	\$ 2.40	\$ 1.02	\$ 3.42	\$ 454.86
RELOCATION													
40	CD-100	Keynote #7/CD-100	Relocate Existing Signs A - (12"x18") Fire Lane - R7-1	EA	2	0%	2	0.620	\$ 32.00	\$ 19.84	\$ -	\$ 19.84	\$ 39.68
41			Relocate Existing Signs B - (12"x24") Reserved Parking - R7-8 - (12"x 6") Van Accessible - R7-8p	EA	2	0%	2	0.780	\$ 32.00	\$ 24.96	\$ -	\$ 24.96	\$ 49.92
												SUBTOTAL \$	13,825

CONCRETE

CAST IN PLACE CONCRETE													
CONCRETE CUTTING:													
42	A101	2/A300	Sawcut and Remove Existing Slab for Conduit Installation	SF	15	5%	16	0.048	\$ 56.00	\$ 2.69	\$ -	\$ 2.69	\$ 43
43			4" Concrete Slab Infill (0.2 CY)	SF	15	5%	16	0.052	\$ 56.00	\$ 2.91	\$ 4.25	\$ 7.16	\$ 116
44			Compacted CR6 Backfill	CY	1	5%	1	0.785	\$ 52.00	\$ 40.82	\$ 18.50	\$ 59.32	\$ 42
45			Core Drill and Install 3" Pipe Sleeves	EA	1	0%	1	0.800	\$ 52.00	\$ 41.60	\$ 85.25	\$ 126.85	\$ 85
CONCRETE SLAB:													
46	2-3/A500	4" Thk 4000 PSI Concrete Slab (21 CY) -1/8" : 12 Sloped From Center	SF	1377	5%	1446	0.062	\$ 56.00	\$ 3.47	\$ 4.85	\$ 8.32	\$ 12,032	
47		6 MIL Polyurethane Vapor Barrier	SF	1377	5%	1446	0.015	\$ 50.00	\$ 0.75	\$ 0.28	\$ 1.03	\$ 1,489	
48		Compacted Fill	CY	51	5%	54	0.325	\$ 52.00	\$ 16.90	\$ -	\$ 16.90	\$ 905	
CONCRETE FILL:													
49	1/A500	Fill W/ Concrete and Level Existing Floor (11 CY)	SF	2577	5%	2706	0.020	\$ 56.00	\$ 1.12	\$ 1.02	\$ 2.14	\$ 5,791	
												SUBTOTAL \$	20,503

MASONRY

CMU INFILL													
50	A200	3/A500	8" CMU Infill W/ Corrugated Masonry Ties and Weep Hole	SF	68	5%	72	0.120	\$ 45.00	\$ 5.40	\$ 4.25	\$ 9.65	\$ 692
51			4" Brick Veneer Infill W/ Corrugated Masonry Ties	SF	68	5%	72	0.100	\$ 45.00	\$ 4.50	\$ 3.28	\$ 7.78	\$ 558
52			12" CMU Infill @ Interior CMU Wall	SF	12	5%	13	0.210	\$ 45.00	\$ 9.45	\$ 7.24	\$ 16.69	\$ 218
												SUBTOTAL \$	1,468

METALS

STRUCTURAL STEEL													

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
LINTELS													
53	A101	1/A500	Steel Lintel: W8X15 w/ 1/4" Thk. Plate (70 LF)	LBS	1645	5%	1727	0.013	\$ 58.00	\$ 0.75	\$ 2.45	\$ 3.20	\$ 5,534
METAL FABRICATIONS													
METAL LADDERS													
54	A103	Plan Notes/A101	2'-3"W x 14'-0"H Steel Ladder	EA	1	0%	1	2.250	\$ 58.00	\$ 130.50	\$ 725.85	\$ 856.35	\$ 856
												SUBTOTAL \$	6,390
WOOD & PLASTIC													
ROUGH CARPENTRY													
SILL BOARD													
55	A602	4/A602	1'-1" W x 5/4" Thk. OAK Sill Board @ Window Type A.	LF	60	5%	63	0.024	\$ 45.00	\$ 1.08	\$ 17.65	\$ 18.73	\$ 1,180
BLOCKING:													
56	A400	Plan Notes	Blocking Provided For Millwork	LF	16	5%	17	0.010	\$ 45.00	\$ 0.45	\$ 0.40	\$ 0.85	\$ 14
57	A103	2/A501, PUT-T-18/ TPO Details	1-1/2"x5-1/2" Pressure Treated Blocking	LF	336	5%	353	0.012	\$ 45.00	\$ 0.54	\$ 1.02	\$ 1.56	\$ 550
58		3, 4/A501, Note	1-1/2"x4" Pressure Treated Blocking	LF	516	5%	542	0.012	\$ 45.00	\$ 0.54	\$ 0.85	\$ 1.39	\$ 753
59		5/A103	1-1/2"x9" Pressure Treated Blocking	LF	516	5%	542	0.013	\$ 45.00	\$ 0.59	\$ 1.45	\$ 2.04	\$ 1,103
FINISH CARPENTRY													
CABINETS & MILLWORK:													
60	A400	Plan Notes	36" L x 30" H x 12" D Wall Cabinet W/ Doors, Hardware and Adj Shelving	EA	1	0%	1	1.250	\$ 48.00	\$ 60.00	\$ 1,150.00	\$ 1,210.00	\$ 1,210
61			36" L x 24" H x 12" D Wall Cabinet W/ Doors, Hardware and Adj Shelving	EA	1	0%	1	1.000	\$ 48.00	\$ 48.00	\$ 1,125.00	\$ 1,173.00	\$ 1,173
62			18" L x 30" H x 12" D Wall Cabinet W/ Door, Hardware and Adj Shelving	EA	1	0%	1	0.850	\$ 48.00	\$ 40.80	\$ 625.14	\$ 665.94	\$ 666
63			36" L x 36" H x 24" D Sink Cabinet W/ Doors and Hardware	EA	1	0%	1	1.850	\$ 48.00	\$ 88.80	\$ 1,725.00	\$ 1,813.80	\$ 1,814
64			24" Deep Drawers W/ Hardware -Finger Jointed Wood W/ Dovetail	EA	4	0%	4	0.400	\$ 48.00	\$ 19.20	\$ 124.50	\$ 143.70	\$ 575
65			18" L x 36" H x 24" D Trash Cabinet W/ Slide Out Door, Hardware and (2) Trash Bin	EA	1	0%	1	1.000	\$ 48.00	\$ 48.00	\$ 485.50	\$ 533.50	\$ 534
66			18" L x 36" H x 24" D Base Cabinet W/ Door, Hardware and Shelving	EA	1	0%	1	1.100	\$ 48.00	\$ 52.80	\$ 924.54	\$ 977.34	\$ 977
Note: Casework To Be Carb 2 Compliant 5/8" Grade a Solid Birch Plywood. Mortise and Tenon													
												SUBTOTAL \$	10,548
THERMAL & MOISTURE PROTECTION													
THERMOPLASTIC MEMBRANE ROOFING													
THERMOPLASTIC-POLYOLEFIN ROOFING AS:													
67	A103	Note 2/A103, PUT-T-18 / TPO Details	0.080" Platinum Thermoplastic-Polyolefin Roofing (TPO) Membrane	SF	13155	5%	13813	0.005	\$ 47.00	\$ 0.24	\$ 1.50	\$ 1.74	\$ 23,966
68		Note 2/A103	1/2" OSB Protection Board	SF	12775	5%	13414	0.008	\$ 47.00	\$ 0.38	\$ 0.65	\$ 1.03	\$ 13,763
69		Note 2/A103, PUT-RE-12, TPO Details	6" Firestone Rigid ISO Insulation (R-30)	SF	13155	5%	13813	0.013	\$ 47.00	\$ 0.61	\$ 4.25	\$ 4.86	\$ 67,146
70		PUT-T-18 / TPO Details	Firestone TPO Bonding Adhesive	SF	13155	5%	13813	0.005	\$ 47.00	\$ 0.24	\$ 1.02	\$ 1.26	\$ 17,336
ROOF ACCESSORIES													

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
71	A103	2/A501, FS-DL-8/ TPO Details	12" Tall Skylight Metal Curb w/ Fasteners & Seam Plate @ 12"O.C. - Wasco Pre-Manufactured <i>Note: Approved Wood Curbs Can Also Be Used Instead</i>	LF	288	5%	303	0.028	\$ 47.00	\$ 1.32	\$ 41.25	\$ 42.57	\$ 12,879
72		1/A501, PUT-T- 18/ TPO Details	14" Tall RTU Unit Metal Curb w/ Fasteners & Seam Plate @ 12"O.C. - Carrier: CRRFCURB003A01 <i>Note: Approved Wood Curbs Can Also Be Used Instead</i>	LF	48	5%	50	0.032	\$ 47.00	\$ 1.50	\$ 48.50	\$ 50.00	\$ 2,520
73		3, 4/A501, Bid RFI GCI 01, PUT- RE-1/ TPO Details	8" Anchor-Tite Metal (Platinum) Fascia Cover System As: - Anchor Gard Platinum Fascia Cover - Extruded Anchor Gard Platinum Bar - Anchor Gard S.S. Fasteners @ 12" O.C. <i>Note: Break Metal Flashing Can Be Used As An Alternative</i>	LF	522	5%	548	0.028	\$ 47.00	\$ 1.32	\$ 11.20	\$ 12.52	\$ 6,860
74		4/A501, Note 5/A103	13'-3"Hx 4"Dia Round Downspout w/ Aluminum Drain Cover Compatible With TPO Roofing	EA	8	0%	8	0.600	\$ 47.00	\$ 28.20	\$ 68.52	\$ 96.72	\$ 774
75	A103 Rev 1	Note 8/A103 Rev 1, MA-9/ TPO Details	2'-6"Wx30'-0"L X-Tred Roof Walkway Pads	SF	206	5%	216	0.050	\$ 47.00	\$ 2.35	\$ 6.72	\$ 9.07	\$ 1,962
76	A103	FS-DL-8/ TPO Details	Quick seam RPF Strip w/ Quick prime	LF	288	5%	302	0.012	\$ 47.00	\$ 0.56	\$ 2.45	\$ 3.01	\$ 911
FLASHING & TRIMS													
77	A101	1/A500	Aluminum Flashing W/ Drip Edge @ Windows Heads	LF	60	5%	63	0.021	\$ 47.00	\$ 0.99	\$ 6.75	\$ 7.74	\$ 487
FLASHING AND SHEET METAL													
FLEXIBLE FLASHING:													
78	A103	FS-DL-8/ TPO Details	Ultra ply TPO 18" Curb Flashing @ Skylight <i>Note: Assumed</i>	LF	288	5%	302	0.022	\$ 47.00	\$ 1.03	\$ 12.58	\$ 13.61	\$ 4,117
79		PUT-T-18 / TPO Details	Ultra ply TPO 18" Curb Flashing @ RTU Curb	LF	48	5%	50	0.022	\$ 47.00	\$ 1.03	\$ 12.58	\$ 13.61	\$ 686
80	A103 Rev 1	MA-9/TPO Details	10"x0.75"x5" Quick seam Flashing @ 3' O.C. Along Walkway Pads	LF	44	5%	46	0.012	\$ 47.00	\$ 0.56	\$ 2.45	\$ 3.01	\$ 138
JOINT PROTECTION													
SEALANT													
81	A103	Note 5/PUT-T-18 /TPO Details	Cut Edge Sealant @ RTU Curb	LF	55	5%	58	0.010	\$ 47.00	\$ 0.47	\$ 0.68	\$ 1.15	\$ 66
82		Cut Edge Sealant @ Skylight <i>Note: Assumed</i>	LF	300	5%	315	0.010	\$ 47.00	\$ 0.47	\$ 0.68	\$ 1.15	\$ 362	
												SUBTOTAL \$	153,974
OPENINGS													
DOOR & FRAME													
83			Door Tag 121B,138: Steel Door W/ (2'-0" W & 2'-6" H) Safety Glass Panel Door Size:(3'-0"W x 7'-0"H x 1 3/4") Door Material: Steel Frame Material: Hollow metal	EA	2	0%	2	3.200	\$ 45.00	\$ 144.00	\$ 1,150.00	\$ 1,294.00	\$ 2,588
84			Door Tag 122,123,126,129B,131B,132B,133,136: Steel Door W/ (2'-0" W & 2'-6" H) Safety Glass Panel Door Size:(3'-0"W x 7'-0"H x 1 3/8") Door Material: Steel Frame Material: Hollow metal	EA	8	0%	8	3.200	\$ 45.00	\$ 144.00	\$ 1,150.00	\$ 1,294.00	\$ 10,352

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
85	A600	Door schedule	Door Tag 125: Steel Door W/ (2'-0" W & 2'-6" H) Safety Glass Panel Door Size: (3'-0"W x 6'-8"H x 1 3/8") Door Material: Steel Frame Material: Hollow metal	EA	1	0%	1	3.000	\$ 45.00	\$ 135.00	\$ 1,085.00	\$ 1,220.00	\$ 1,220
86			Door Tag 124: Steel Door W/ 2 EA (2'-0" W & 2'-6" H) Safety Glass Panels Door Size: (3'-0"W x 7'-0"H x 1 3/8") Door Material: Steel Frame Material: Hollow metal	EA	1	0%	1	3.200	\$ 45.00	\$ 144.00	\$ 1,150.00	\$ 1,294.00	\$ 1,294
87			Door Tag 129A,131A: Double Leaf Steel Door W/ (2'-0" W & 2'-6" H) Safety Glass Panel Door Size: (2(3'-0")W x 7'-0"H x 1 3/4") Door Material: Steel Frame Material: Hollow metal	EA	1	0%	1	5.850	\$ 45.00	\$ 263.25	\$ 2,125.14	\$ 2,388.39	\$ 2,388
88			Door Tag 131A: Double Leaf Steel Door W/ (2'-0" W & 2'-6" H) Safety Glass Panel Door Size: (2(3'-0")W x 7'-0"H x 1 3/8") Door Material: Steel Frame Material: Hollow metal	EA	1	0%	1	5.850	\$ 45.00	\$ 263.25	\$ 2,125.14	\$ 2,388.39	\$ 2,388
89			Door Tag 137: Flush Steel Door Door Size: (3'-0"W x 6'-8"H x 1 3/8") Door Material: Steel Frame Material: Hollow metal	EA	1	0%	1	2.850	\$ 45.00	\$ 128.25	\$ 825.14	\$ 953.39	\$ 953
DOOR HARDWARES													
90	A600	Page 136,137/Project Manual	Hardware Set 1: At Exterior Double Entrance As- -6 Hinges -2 Exit Device -Electric Strike -Removable Mullion -Cylinders as Required -2 Closer -Weather Stripping -Meeting Stile Gasket -Sweep -Kickplates	EA	1	0%	1	2.800	\$ 45.00	\$ 126.00	\$ 1,791.82	\$ 1,917.82	\$ 1,918
91			Hardware Set 2: At Rooms With Card Readers As- -3 Hinges -Lockset-Cylinder W/ Keyed Lever, Inside Lever Always Free -Electric Strike -Closer -Silencers -Mop Plate	EA	13	0%	13	1.850	\$ 45.00	\$ 83.25	\$ 415.69	\$ 498.94	\$ 6,486

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Draw #	Manual Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
92			Hardware Set 3: At Exterior Single-Exit As- -3 Hinges -Exit Device -Electric Strike -Lockset-Keyed Exterior -Cylinders as Required -Closer -Weather Stripping -Sweep -Kickplates	EA	1	0%	1	2.300	\$ 45.00	\$ 103.50	\$ 876.47	\$ 979.97	\$ 980
93		Door schedule	Tag T1: 3' Long ADA Complaint Aluminum Threshold W/ Weather Stripping	EA	5	0%	5	0.350	\$ 45.00	\$ 15.75	\$ 162.23	\$ 177.98	\$ 890
94			Tag T1: 6' Long ADA Complaint Aluminum Threshold W/ Weather Stripping	EA	1	0%	1	0.500	\$ 45.00	\$ 22.50	\$ 310.82	\$ 333.32	\$ 333
			WEATHER STRIPPING AND SEALS										
95	A103	FS-DL-8/ TPO Details	1/2" Vinyl Weather Strip	LF	288	5%	302	0.014	\$ 45.00	\$ 0.63	\$ 2.12	\$ 2.75	\$ 832
			DOOR ACCESSORIES										
96	A600	Door Accessories Notes	Tag CR1: Exterior Grade Card Reader Electric Strike On Door Frame	EA	4	0%	4	0.500	\$ 45.00	\$ 22.50	\$ 219.99	\$ 242.49	\$ 970
97			Tag CR2: Interior Grade Card Reader W/ Electric Strike On Door Frame	EA	11	0%	11	0.500	\$ 45.00	\$ 22.50	\$ 219.99	\$ 242.49	\$ 2,667
98			Tag KD: Surface Mounted Kick Down Door Stop	EA	15	0%	15	0.200	\$ 45.00	\$ 9.00	\$ 14.57	\$ 23.57	\$ 354
		Page 136,137/Project Manual	Note: According to Project Manual, Card Reader Is Not In Contract. Please Verify.										
			WINDOWS										
99	A602	Window Schedule	Window Tag 110,111: Window Size: (56" W x 48" H) Frame Material: Aluminum Style: Kawneer 8225TL Fixed Above Project-In Hopper Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	2	0%	2	2.500	\$ 45.00	\$ 112.50	\$ 1,158.16	\$ 1,270.66	\$ 2,541
100			Window Tag 112-115: Window Size: (56" W x 48" H) Frame Material: Aluminum Style: Kawneer 8225TL Fixed Above Project-In Hopper Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	4	0%	4	2.500	\$ 45.00	\$ 112.50	\$ 1,158.16	\$ 1,270.66	\$ 5,083
101			Window Tag 116: Window Size: (80" W x 99" H) Frame Material: Aluminum Style: A: Kawneer 8225TL Fixed Above Project-In Hopper Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	1	0%	1	8.500	\$ 45.00	\$ 382.50	\$ 3,411.71	\$ 3,794.21	\$ 3,794
102			Window Tag 117-121: Window Size: (56" W x 110" H) Frame Material: Aluminum Style: A: Kawneer 8225TL Fixed Above Project-In Hopper Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	5	0%	5	6.250	\$ 45.00	\$ 281.25	\$ 2,654.21	\$ 2,935.46	\$ 14,677
103			Window Tag 134,136,137: Window Size: (72" W x 42" H) Frame Material: Aluminum Style: E: Kawneer 8225TL Fixed Glazing Type: G2: Single Pane 1/2" Safety Coating	EA	3	0%	3	2.800	\$ 45.00	\$ 126.00	\$ 1,155.00	\$ 1,281.00	\$ 3,843

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	Drawing #	Window Schedule Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
104			Window Tag 135: Window Size: (96" W x 42" H) Frame Material: Aluminum Style: E: Kawneer 8225TL Fixed Glazing Type: G2: Single Pane 1/2" Safety Coating <i>Note: 2 Fixed Panes.</i>	EA	1	0%	1	3.500	\$ 45.00	\$ 157.50	\$ 1,540.00	\$ 1,697.50	\$ 1,698
105			Window Tag 138: Window Size: (44" W x 42" H) Frame Material: Aluminum Style: E: Kawneer 8225TL Fixed Glazing Type: G2: Single Pane 1/2" Safety Coating	EA	1	0%	1	2.000	\$ 45.00	\$ 90.00	\$ 706.48	\$ 796.48	\$ 796
106			Window Tag 139: Window Size: (42" W x 42" H) Frame Material: Aluminum Style: E: Kawneer 8225TL Fixed Glazing Type: G3: <i>Note: Details OF Glazing Is Not Mentioned.</i> <i>Note: Provide Powder Coated Finish to All Windows</i>	EA	1	0%	1	2.000	\$ 45.00	\$ 90.00	\$ 673.75	\$ 763.75	\$ 764
STOREFRONT													
107			Window Tag 122: Window Size: (78 3/4" W x 26" H) Frame Material: Aluminum Style: C: Kawneer 8400 Left Slider Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	1	0%	1	2.450	\$ 45.00	\$ 110.25	\$ 873.30	\$ 983.55	\$ 984
108			Window Tag 123-125: Window Size: (79 3/4" W x 26" H) Frame Material: Aluminum Style: C: Kawneer 8400 Left Slider Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	3	0%	3	2.450	\$ 45.00	\$ 110.25	\$ 884.05	\$ 994.30	\$ 2,983
109			Window Tag 126: Window Size: (78 3/4" W x 26" H) Frame Material: Aluminum Style: B: Kawneer 8400 Right Slider Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	1	0%	1	2.450	\$ 45.00	\$ 110.25	\$ 873.30	\$ 983.55	\$ 984
110	A603	Storefront Details	Window Tag 127-129: Window Size: (79 3/4" W x 26" H) Frame Material: Aluminum Style: B: Kawneer 8400 Right Slider Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	3	0%	3	2.450	\$ 45.00	\$ 110.25	\$ 884.05	\$ 994.30	\$ 2,983
111			Window Tag 130: Window Size: (76 3/4" W x 26" H) Frame Material: Aluminum Style: D: Kawneer 601T Fixed Pane Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	1	0%	1	2.400	\$ 45.00	\$ 108.00	\$ 850.46	\$ 958.46	\$ 958
112			Window Tag 131-133: Window Size: (79 3/4" W x 26" H) Frame Material: Aluminum Style: D: Kawneer 601T Fixed Pane Glazing Type: G1: Insulated Double Pane Glazing W/ Low-E	EA	3	0%	3	2.450	\$ 45.00	\$ 110.25	\$ 884.05	\$ 994.30	\$ 2,983
113			Prefinished 0.125 Aluminum Break Metal Filler. <i>Note: Basis Of Design For StoreFront To Be Kawneer Trifab Versa glaze 601T Framing System.</i>	SF	17	5%	18	0.015	\$ 45.00	\$ 0.68	\$ 32.18	\$ 32.86	\$ 586
ROOF WINDOWS AND SKYLIGHTS													

DETAILED BREAKDOWN OF ITEMS

Prepared for:
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Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
UNIT SKYLIGHTS:													
114	A103	Note 1/ A103, FS-DL-8/ TPO Details	1'-8"x4'-4" Velux Dynamic Double Dome Skylight w/ Extruded Aluminum Sun wave Daylight Frame	EA	17	0%	17	2.500	\$ 45.00	\$ 112.50	\$ 308.26	\$ 420.76	\$ 7,153
115		Note 3/ A103, FS-DL-8/ TPO Details	12'-7"x7'-4" Skylight @ Existing Roof Opening w/ Extruded Aluminum Sun wave Daylight Frame	EA	2	0%	2	7.850	\$ 45.00	\$ 353.25	\$ 3,930.97	\$ 4,284.22	\$ 8,568
											SUBTOTAL \$ 97,992		

FINISHES

DRY WALL ASSEMBLIES																
Type 2A Metal Stud Wall:																
116	A101	2A/A500, Assembly Notes	3-5/8" 2 Hour Rated Metal Stud Wall Furring As:	LF	313	5%	329									
117			5/8" GWB At Interior Side	SF	3477	5%	3650									
118			No of Sheets (4'x8')	EA	115	0%	115	0.280	\$ 55.00	\$ 15.40	\$ 16.85	\$ 32.25	\$ 3,709			
119			Tapping	LF	1738	5%	1825	0.008	\$ 55.00	\$ 0.44	\$ 0.03	\$ 0.47	\$ 858			
120			Mudding	LBS	181	5%	190	0.250	\$ 55.00	\$ 13.75	\$ 1.52	\$ 15.27	\$ 2,899			
121			Screws	EA	5520	0%	5520	0.000	\$ 55.00	\$ -	\$ 0.05	\$ 0.05	\$ 276			
122			3-5/8" Metal Studs @ 16" O.C. (Height Varies)	LF	2967	5%	3115	0.012	\$ 55.00	\$ 0.66	\$ 1.45	\$ 2.11	\$ 6,573			
123			3-5/8" Metal Track @ Top	LF	301	5%	316	0.012	\$ 55.00	\$ 0.66	\$ 1.45	\$ 2.11	\$ 666			
124			3-5/8" Metal Track @ Bottom	LF	301	5%	316	0.012	\$ 55.00	\$ 0.66	\$ 1.45	\$ 2.11	\$ 667			
125			2" Rigid Foam Insulation Board (Min. R-10 Cont. Insul.)	SF	3477	5%	3650	0.010	\$ 55.00	\$ 0.55	\$ 1.32	\$ 1.87	\$ 6,826			
126			Fluid Applied Vapor Permeable Air Barrier	SF	3477	5%	3650	0.005	\$ 55.00	\$ 0.28	\$ 0.32	\$ 0.60	\$ 2,172			
127			Sealant @ All Penetrations	SF	602	5%	632	0.010	\$ 55.00	\$ 0.55	\$ 0.40	\$ 0.95	\$ 600			
Type 0A Metal Stud Wall:																
128			A101	0A/A500, Assembly Notes	3-5/8" Metal Stud Wall As:	LF	99	5%	104							
129					1 Layer Of Gypsum Wall Board On Both Sides	SF	2310	5%	2426							
130					No of Sheets (4'x8')	EA	76	0%	76	0.280	\$ 55.00	\$ 15.40	\$ 16.85	\$ 32.25	\$ 2,451	
131					Tapping	LF	1155	5%	1213	0.008	\$ 55.00	\$ 0.44	\$ 0.03	\$ 0.47	\$ 570	
132					Mudding	LBS	120	5%	126	0.250	\$ 55.00	\$ 13.75	\$ 1.52	\$ 15.27	\$ 1,926	
133	Screws	EA			3648	0%	3648	0.000	\$ 55.00	\$ -	\$ 0.05	\$ 0.05	\$ 182			
134	3-5/8" Metal Studs @ 16" O.C. (Height Varies)	LF			990	5%	1039	0.012	\$ 55.00	\$ 0.66	\$ 1.45	\$ 2.11	\$ 2,193			
135	3-5/8" Metal Track @ Top	LF			99	5%	104	0.012	\$ 55.00	\$ 0.66	\$ 1.45	\$ 2.11	\$ 219			
136	3-5/8" Metal Track @ Bottom	LF			99	5%	104	0.012	\$ 55.00	\$ 0.66	\$ 1.45	\$ 2.11	\$ 219			
137	Mineral Wool Acoustical Batt Insulation	SF			1155	5%	1213	0.013	\$ 55.00	\$ 0.72	\$ 0.92	\$ 1.64	\$ 1,983			
138	Sealant @ All Penetrations	SF			396	5%	416	0.010	\$ 55.00	\$ 0.55	\$ 0.40	\$ 0.95	\$ 395			
Type 0B Metal Stud Wall:																
139	A101	0B/A500, Assembly Notes			6" Metal Stud Wall As:	LF	164	5%	172							
140					1 Layer Of Gypsum Wall Board On Both Sides	SF	3885	5%	4080							
141					No of Sheets (4'x8')	EA	128	0%	128	0.280	\$ 55.00	\$ 15.40	\$ 16.85	\$ 32.25	\$ 4,128	
142					Tapping	LF	1943	5%	2040	0.008	\$ 55.00	\$ 0.44	\$ 0.03	\$ 0.47	\$ 959	
143					Mudding	LBS	202	5%	212	0.250	\$ 55.00	\$ 13.75	\$ 1.52	\$ 15.27	\$ 3,239	
144					Screws	EA	6144	0%	6144	0.000	\$ 55.00	\$ -	\$ 0.05	\$ 0.05	\$ 307	
145			6" Metal Studs @ 16" O.C. (Height Varies)	LF	1665	5%	1748	0.012	\$ 55.00	\$ 0.66	\$ 1.85	\$ 2.51	\$ 4,387			
146			6" Metal Track @ Top	LF	164	5%	172	0.012	\$ 55.00	\$ 0.66	\$ 1.85	\$ 2.51	\$ 432			
147			6" Metal Track @ Bottom	LF	164	5%	172	0.012	\$ 55.00	\$ 0.66	\$ 1.85	\$ 2.51	\$ 432			
148			Mineral Wool Acoustical Batt Insulation	SF	1943	5%	2040	0.013	\$ 55.00	\$ 0.72	\$ 0.92	\$ 1.64	\$ 3,335			
149			Sealant @ All Penetrations	SF	656	5%	689	0.010	\$ 55.00	\$ 0.55	\$ 0.40	\$ 0.95	\$ 654			
FLOORING & WALL BASE																
FLOORING:																
150			A601		Sealed Concrete	SF	2305	5%	2420	0.015	\$ 52.00	\$ 0.78	\$ 1.45	\$ 2.23	\$ 5,396	

DETAILED BREAKDOWN OF ITEMS

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Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
170	A600	Detail 4/ A600	4" Hemmed Edge Prefinished Aluminum @ Exterior Doors	LF	42	5%	44	0.014	\$ 40.00	\$ 0.56	\$ 3.45	\$ 4.01	\$ 177
171	A602	4/A602	4" Hemmed Edge Prefinished Aluminum @ Exterior Windows	LF	155	5%	163	0.014	\$ 40.00	\$ 0.56	\$ 3.45	\$ 4.01	\$ 653
172			Kawneer Premanufactured One Piece Subsill <i>Note: Cut Opening @ Top Of Existing Brick Course.</i>	LF	60	5%	63	0.021	\$ 40.00	\$ 0.84	\$ 8.50	\$ 9.34	\$ 588
SUBTOTAL \$ 116,606													

SPECIALTIES

FIRE EXTINGUISHERS													
173	A101	Legend/ A101	Fire Extinguishers W/ Mounting Brackets	EA	10	0%	10	0.320	\$ 48.00	\$ 15.36	\$ 98.50	\$ 113.86	\$ 1,139
SIGNAGE													
174		Door Schedule/ A600	Exterior Exit Signage @ Entry Door	EA	1	0%	1	0.350	\$ 48.00	\$ 16.80	\$ 64.95	\$ 81.75	\$ 82
SUBTOTAL \$ 1,220													

FURNISHING

WINDOW SHADES													
175	A602	RFI: TB 007	Dual Shades W/ 3% Fabric & Backout Shades.(2 EA)	SF	84	5%	88	0.032	\$ 48.00	\$ 1.54	\$ 28.17	\$ 29.71	\$ 2,620
176			3% Light Filtering Shade.(16 EA)	SF	460	5%	483	0.020	\$ 48.00	\$ 0.96	\$ 2.50	\$ 3.46	\$ 1,671
177			One 3% Light Filtering Continuous Shade @ Stacked Vertically Windows.(4 EA)	SF	208	5%	218	0.020	\$ 48.00	\$ 0.96	\$ 2.50	\$ 3.46	\$ 756
COUNTER TOP & BACK SPLASH													
178	A101	A400	1.25" Thk Granite Grade 2 Stone Countertop	SF	16	5%	17	0.185	\$ 48.00	\$ 8.88	\$ 85.65	\$ 94.53	\$ 1,588
179			4" Granite Backsplash	LF	8	5%	8	0.062	\$ 48.00	\$ 2.98	\$ 11.56	\$ 14.54	\$ 117
SUBTOTAL \$ 6,752													

PLUMBING

COLD WATER PIPE (ABOVE GRADE)													
Material													
180	P101	Water Riser Diagram/ P001	3/4" Cold Water Pipe	LF	24	5%	25	0.042	\$ 70.00	\$ 2.94	\$ 5.44	\$ 8.38	\$ 211.70
181			1-1/2" Cold Water Pipe	LF	152	5%	159	0.052	\$ 70.00	\$ 3.64	\$ 9.69	\$ 13.33	\$ 2,125.23
182			1/2" Cold Water Pipe	LF	75	5%	79	0.035	\$ 70.00	\$ 2.45	\$ 4.18	\$ 6.63	\$ 522.27
183			1" Cold Water Pipe	LF	38	5%	40	0.045	\$ 70.00	\$ 3.15	\$ 5.31	\$ 8.46	\$ 338.45
Insulation													
184		2018 IECC Code/ P101	R3 Insulation @ Water Pipes	LF	289	5%	303	0.070	\$ 70.00	\$ 4.90	\$ 6.62	\$ 11.52	\$ 3,494.73
COLD WATER PIPE FITTINGS													
ELBOW													
185		Water Riser Diagram/ P001	90 D Elbow	EA	3	0%	3	0.380	\$ 70.00	\$ 26.60	\$ 16.00	\$ 42.60	\$ 127.80
TEE													
186			Tee	EA	6	0%	6	0.688	\$ 70.00	\$ 48.16	\$ 87.50	\$ 135.66	\$ 813.96
HOT WATER PIPE (ABOVE GRADE)													
Material													
187	P101	Plumbing Fixture Schedule/ P001	1/2" Hot Water Pipe (6' H)	LF	24	5%	25	0.035	\$ 70.00	\$ 2.45	\$ 4.18	\$ 6.63	\$ 167.13
Insulation													
188		2018 IECC Code/ P101	R3 Insulation @ Water Pipes	LF	24	5%	25	0.058	\$ 70.00	\$ 4.06	\$ 3.33	\$ 7.39	\$ 186.23
SANITARY PIPE (ABOVE GRADE)													
Material													

DETAILED BREAKDOWN OF ITEMS

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Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
189		Sanitary Riser/ P001	4" Sanitary Pipe	LF	48	5%	50	0.069	\$ 70.00	\$ 4.83	\$ 7.88	\$ 12.71	\$ 635.38	
			VENT PIPE (ABOVE GRADE)											
			Material											
190	P101	Plumbing Fixture Schedule/ P001	1-1/2" Vent Pipe	LF	7	5%	7	0.045	\$ 70.00	\$ 3.15	\$ 3.51	\$ 6.66	\$ 48.95	
191			3" Vent Pipe	LF	123	5%	129	0.065	\$ 70.00	\$ 4.55	\$ 5.88	\$ 10.43	\$ 1,347.03	
			VENT PIPE FITTINGS											
			ELBOW											
192			90 D Elbow	EA	4	0%	4	0.435	\$ 70.00	\$ 30.45	\$ 38.50	\$ 68.95	\$ 275.80	
			TEE											
193			Tee	EA	1	0%	1	0.625	\$ 70.00	\$ 43.75	\$ 51.00	\$ 94.75	\$ 94.75	
			PLUMBING FIXTURES											
194	P101	Plumbing Fixture Schedule/ P001	Tag HBO: Freezless Exterior Hose Bib Manufacturer: WOODFORD Model: Brass B65/65	EA	1	0%	1	0.588	\$ 70.00	\$ 41.16	\$ 471.28	\$ 512.44	\$ 512.44	
195			Tag HBI: Internal Hose Bib Manufacturer: WOODFORD Model: Brass B65/65	EA	3	0%	3	0.588	\$ 70.00	\$ 41.16	\$ 471.28	\$ 512.44	\$ 1,537.32	
196			Tag WF: Water Fountain Manufacturer: ELKAY Model: LZSTLVR8SC	EA	1	0%	1	2.540	\$ 70.00	\$ 177.80	\$ 1,400.99	\$ 1,578.79	\$ 1,578.79	
197			Tag US: Utility Sink Manufacturer: Griffin Catalog #: UM-299	EA	1	0%	1	2.840	\$ 70.00	\$ 198.80	\$ 921.34	\$ 1,120.14	\$ 1,120.14	
198			Tag FD: Floor Drain Manufacturer: Zurn Catalog #: ZM415BS—P	EA	2	0%	2	0.659	\$ 70.00	\$ 46.13	\$ 443.10	\$ 489.23	\$ 978.46	
			WATER HEATER											
199	P101	Instant Water Heater Schedule/ P001	Tag IWH: Instant Water Heater Manufacturer: EMAX Catalog #: SP4208	EA	2	0%	2	2.180	\$ 70.00	\$ 152.60	\$ 210.99	\$ 363.59	\$ 727.18	
200		Wall Heater Schedule/ M001	Tag WH-1: Wall Mounted Heater CFM: 65 Manufacturer: QMARK Catalog #: CHW1151DSF	EA	6	0%	6	1.450	\$ 70.00	\$ 101.50	\$ 284.03	\$ 385.53	\$ 2,313.18	
			MISCELLANEOUS											
			CAP											
201	P101		Cap @ Existing Floor Drain	EA	5	0%	5	0.220	\$ 70.00	\$ 15.40	\$ 12.79	\$ 28.19	\$ 140.95	
			BACK FLOW PREVENTER											
202			Back Flow Preventer	EA	1	0%	1	0.950	\$ 70.00	\$ 66.50	\$ 179.98	\$ 246.48	\$ 246.48	
			TRENCHING & BACKFILLING											
203		2/A500	6-1/4" Wide Trench Manufacturer: Zurn	LF	60	5%	63	0.042	\$ 70.00	\$ 2.94	\$ 81.50	\$ 84.44	\$ 5,319.72	
SUBTOTAL												\$ 24,864		
HVAC														
CONVECTION HEATING AND COOLING UNITS														
ROOFTOP UNITS AS:														

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
204	A103	Note 4/A103	Carrier RTU Unit Size: 7'x5' Weight: 2000 LBs	EA	2	0%	2	5.000	\$ 72.00	\$ 360.00	\$ 10,395.00	\$ 10,755.00	\$ 21,510
			CONDENSER UNITS AS:										
205		Note 7/A103	(Tag: CUI & CU2) Outside Condensers Units Size: 2'-0"x1'-9" Mnf: Mitsubishi Weight: 10 Ton Model: PUHY-EP120TNU-A	EA	2	0%	2	4.550	\$ 72.00	\$ 327.60	\$ 5,760.00	\$ 6,087.60	\$ 12,175
			DUCTLESS SPLIT SYSTEM AS:										
	M101		INDOOR UNITS @ IT & SERVER ROOM:										
206			Indoor Units: MSS-11A & MSS-12A Mnf: Mitsubishi Model: Mitsubishi-Trane, MSY-GL18NA-U1	EA	2	0%	2	1.230	\$ 72.00	\$ 88.56	\$ 853.43	\$ 941.99	\$ 1,884
207			Condensate Pump Model: Blue Diamond x87-711/721	EA	2	0%	2	0.625	\$ 72.00	\$ 45.00	\$ 289.00	\$ 334.00	\$ 668
208			Drain Pan Level Sensor	EA	2	0%	2	0.220	\$ 72.00	\$ 15.84	\$ 22.73	\$ 38.57	\$ 77
209			Wired Wall Mounted Thermostat	EA	2	0%	2	0.356	\$ 72.00	\$ 25.63	\$ 130.00	\$ 155.63	\$ 311
	A103		OUTDOOR UNIT @ ROOFTOP:										
210			Outdoor Units: MSS-11 & MSS-12 Mnf: Mitsubishi Model: MUY-GL18NA-U1	EA	2	0%	2	0.985	\$ 72.00	\$ 70.92	\$ 1,419.00	\$ 1,489.92	\$ 2,980
211			Diversitech ULTRALITE Condenser Mounting Pad Size: 16"x36"x3" Model: UC1636-3	EA	2	0%	2	0.345	\$ 72.00	\$ 24.84	\$ 44.00	\$ 68.84	\$ 138
212			Drain Pan Heater Mnf: Mitsubishi Model: MAC-640BH-U	EA	2	0%	2	0.855	\$ 72.00	\$ 61.56	\$ 157.50	\$ 219.06	\$ 438
213			3.25" Mounting Base	EA	2	0%	2	0.525	\$ 72.00	\$ 37.80	\$ 29.00	\$ 66.80	\$ 134
214			Drain Pan Socket	EA	2	0%	2	0.350	\$ 72.00	\$ 25.20	\$ 8.57	\$ 33.77	\$ 68
			DUCT										
215			Flexible Duct	LF	86	5%	90	0.045	\$ 72.00	\$ 3.24	\$ 1.62	\$ 4.86	\$ 439.57
			FLEXIBLE DUCT CONNECTOR										
216			Flexible Duct Connector (Assumed)	EA	17	0%	17	0.045	\$ 72.00	\$ 3.24	\$ 1.62	\$ 4.86	\$ 82.62
			DUCT WEIGHT										
217			Galvanized Sheet Metal Duct	LBs	5980	5%	6279	0.092	\$ 72.00	\$ 6.62	\$ 0.82	\$ 7.44	\$ 46,740.88
			DUCT INSULATION										
218			Insulation @ Galvanized Sheet Metal Duct	SF	5215	5%	5476	0.025	\$ 72.00	\$ 1.80	\$ 2.25	\$ 4.05	\$ 22,176.79
			DIFFUSER										
			SUPPLY DIFFUSER										
219	Sheet Note 3/ M101		Tag 3: 12" x 18" Supply Diffuser @ ERV-1	EA	1	0%	1	0.358	\$ 72.00	\$ 25.78	\$ 81.00	\$ 106.78	\$ 106.78
220			Tag 3: 12" x 16" Supply Diffuser @ ERV-2 To ERV-5	EA	4	0%	4	0.350	\$ 72.00	\$ 25.20	\$ 74.97	\$ 100.17	\$ 400.68
			CEILING DIFFUSER										
221			Ceiling Diffuser CFM: 250 Size: 24 x 24 Model: TITUS TMS	EA	14	0%	14	0.370	\$ 72.00	\$ 26.64	\$ 130.01	\$ 156.65	\$ 2,193.10

M101

M101

DETAILED BREAKDOWN OF ITEMS

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Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST		
222	M101	Air Distribution Device Schedule/ M101	Ceiling Diffuser CFM: 350 Size: 24 x 24 Model: TITUS TMS	EA	3	0%	3	0.370	\$ 72.00	\$ 26.64	\$ 130.01	\$ 156.65	\$ 469.95		
			RETURN DIFFUSER												
223			Return Diffuser CFM: 1500 Size: 24 x 24 Model: TITUS PXP	EA	17	0%	17	0.370	\$ 72.00	\$ 26.64	\$ 130.01	\$ 156.65	\$ 2,663.05		
224			Return Grille W/ Front Blade CFM: 1500 Size: 24 x 24 Model: TITUS 300/350-steel-HD	EA	5	0%	5	0.370	\$ 72.00	\$ 26.64	\$ 130.01	\$ 156.65	\$ 783.25		
			DUCT DIFFUSER												
			DUCT MOUNTED DIFFUSER												
225	M101	Symbol/ M001	Duct Mounted Diffuser CFM: 200	EA	1	0%	1	0.350	\$ 72.00	\$ 25.20	\$ 63.50	\$ 88.70	\$ 88.70		
226				Duct Mounted Diffuser CFM: 250	EA	4	0%	4	0.350	\$ 72.00	\$ 25.20	\$ 63.50	\$ 88.70	\$ 354.80	
227				Duct Mounted Diffuser CFM: 600	EA	15	0%	15	0.350	\$ 72.00	\$ 25.20	\$ 63.50	\$ 88.70	\$ 1,330.50	
					RETURN DUCT DIFFUSER										
228				Duct Mounted Return Diffuser	EA	8	0%	8	0.350	\$ 72.00	\$ 25.20	\$ 63.50	\$ 88.70	\$ 709.60	
229				Duct Mounted Return Diffuser CFM: 200	EA	1	0%	1	0.350	\$ 72.00	\$ 25.20	\$ 63.50	\$ 88.70	\$ 88.70	
230				Duct Mounted Return Diffuser CFM: 250	EA	1	0%	1	0.350	\$ 72.00	\$ 25.20	\$ 63.50	\$ 88.70	\$ 88.70	
			VARIABLE REFRIGERANT FLOW												
231		VRF Schedule/ M001	Tag VRF1-15: Variable Refrigerant Flow Manufacturer: Mitsubishi Size: 10"HX36"WX30"D Capacity: 600 CFM	EA	15	0%	15	5.776	\$ 72.00	\$ 415.87	\$ 3,046.00	\$ 3,461.87	\$ 51,928.08		
			VARIABLE REFRIGERANT DUCT												
232		Sheet No 6/ M101	Tag 6: VRF Ducts	EA	12	0%	12	2.540	\$ 72.00	\$ 182.88	\$ 1,600.00	\$ 1,782.88	\$ 21,394.56		
			LOUVERS												
233	M101	Sheet Note1/ M101	Tag 1: 12" x 16" Louver @ ERV-1 Finish: AMAA 2605 Bird Screen: 0.75" x 0.05" Coating Type: 2Ct 70% Kynar/ 100% Fluoropolymer Color: Standard TBS	EA	2	0%	2	0.385	\$ 72.00	\$ 27.72	\$ 107.99	\$ 135.71	\$ 271.42		
234				Tag 1: 12" x 14" Louver @ ERV-2 Finish: AMAA 2605 Bird Screen: 0.75" x 0.05" Coating Type: 2Ct 70% Kynar/ 100% Fluoropolymer Color: Standard TBS	EA	2	0%	2	0.380	\$ 72.00	\$ 27.36	\$ 101.84	\$ 129.20	\$ 258.40	
235				Tag 1: 12" x 14" Louver @ ERV-3 Finish: AMAA 2605 Bird Screen: 0.75" x 0.05" Coating Type: 2Ct 70% Kynar/ 100% Fluoropolymer Color: Standard TBS	EA	2	0%	2	0.380	\$ 72.00	\$ 27.36	\$ 101.84	\$ 129.20	\$ 258.40	

DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
Scope: G.C



Date: 11/14/23

SR #	M101 Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
236			Tag 1: 12" x 14" Louver @ ERV-4 Finish: AMAA 2605 Bird Screen: 0.75" x 0.05" Coating Type: 2Ct 70% Kynar/ 100% Fluoropolymer Color: Standard TBS	EA	2	0%	2	0.380	\$ 72.00	\$ 27.36	\$ 101.84	\$ 129.20	\$ 258.40
237			Tag 1: 12" x 14" Louver @ ERV-5 Finish: AMAA 2605 Bird Screen: 0.75" x 0.05" Coating Type: 2Ct 70% Kynar/ 100% Fluoropolymer Color: Standard TBS	EA	2	0%	2	0.380	\$ 72.00	\$ 27.36	\$ 101.84	\$ 129.20	\$ 258.40
AIR DEVICES													
238	M101	RFI NO: TB 005	Wiring and Junction Box for 42" Reversible 3-Speed Ceiling Fan Note: Please Verify If Owner Provided and Installed. See RFI Response on RFI no.TB 005	EA	6	0%	6	1.320	\$ 72.00	\$ 95.04	\$ 259.99	\$ 355.03	\$ 2,130.18
DAMPERS													
239	M101	Air Distribution Device Schedule/ M101	Opposed Blade Volume Damper @ Supply Diffuser	EA	17	0%	17	0.450	\$ 72.00	\$ 32.40	\$ 145.99	\$ 178.39	\$ 3,032.63
MISCELLANEOUS													
ENERGY RECOVERY VENTILATOR													
240			Tag ERV-1: Energy Recovery Ventilator Size: 62" L x 44" W x 22" H CFM: 456 Manufacturer: Renewaire Catalog Number: EV450IN	EA	1	0%	1	3.450	\$ 72.00	\$ 248.40	\$ 3,275.00	\$ 3,523.40	\$ 3,523.40
241			Tag ERV-2: Energy Recovery Ventilator Size: 62" L x 44" W x 22" H CFM: 375 Manufacturer: Renewaire Catalog Number: EV450IN	EA	1	0%	1	3.450	\$ 72.00	\$ 248.40	\$ 3,275.00	\$ 3,523.40	\$ 3,523.40
242	M101	Energy Recovery Ventilator	Tag ERV-3: Energy Recovery Ventilator Size: 62" L x 44" W x 22" H CFM: 375 Manufacturer: Renewaire Catalog Number: EV450IN	EA	1	0%	1	3.450	\$ 72.00	\$ 248.40	\$ 3,275.00	\$ 3,523.40	\$ 3,523.40
243			Tag ERV-4: Energy Recovery Ventilator Size: 62" L x 44" W x 22" H CFM: 375 Manufacturer: Renewaire Catalog Number: EV450IN	EA	1	0%	1	3.450	\$ 72.00	\$ 248.40	\$ 3,275.00	\$ 3,523.40	\$ 3,523.40
244			Tag ERV-5: Energy Recovery Ventilator Size: 62" L x 44" W x 22" H CFM: 375 Manufacturer: Renewaire Catalog Number: EV450IN	EA	1	0%	1	3.450	\$ 72.00	\$ 248.40	\$ 3,275.00	\$ 3,523.40	\$ 3,523.40
STOP VALVE													
245			Stop Valve	EA	5	0%	5	0.250	\$ 72.00	\$ 18.00	\$ 11.71	\$ 29.71	\$ 148.55
PRIME TRAP													
246	M101		P-Trap	EA	5	0%	5	0.420	\$ 72.00	\$ 30.24	\$ 15.82	\$ 46.06	\$ 230.30
THERMOSTAT													
247		Symbol/ M001	Thermostat	EA	7	0%	7	0.320	\$ 72.00	\$ 23.04	\$ 130.00	\$ 153.04	\$ 1,071.28
												SUBTOTAL \$ 217,958	

DETAILED BREAKDOWN OF ITEMS

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Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
ELECTRICAL													
DISTRIBUTION													
WIRING													
248	E102		Allowance For Wiring & Conduits (7100)	LS	1	5%	1	0.000	\$ -	\$ -	\$ -	\$ 23,075.00	\$ 24,228.75
PANEL													
249	E501	Panel Schedule/ E501	Tag A: Panel (3 Phase & 4 Wires) Voltage: 120/208V Bus Size: 200A Main: MLO Poles: 42	EA	1	0%	1	6.154	\$ 78.00	\$ 480.01	\$ 2,027.00	\$ 2,507.01	\$ 2,507.01
250			Tag B: Panel (3 Phase & 4 Wires) Voltage: 120/208V Bus Size: 400A Main: MLO Poles: 42	EA	1	0%	1	8.330	\$ 78.00	\$ 649.74	\$ 4,140.00	\$ 4,789.74	\$ 4,789.74
251			Tag C: Panel (3 Phase & 4 Wires) Voltage: 120/208V Bus Size: 100A Main: MLO Poles: 42 Note: Provide panel with metal pocket and use existing feeder to connect the panel.	EA	1	0%	1	3.070	\$ 78.00	\$ 239.46	\$ 1,040.00	\$ 1,279.46	\$ 1,279.46
252			Tag D: Panel (1 Phase & 3 Wires) Voltage: 120/240V Bus Size: 100A Main: 80A MCB Poles: 42	EA	1	0%	1	3.070	\$ 78.00	\$ 239.46	\$ 1,040.00	\$ 1,279.46	\$ 1,279.46
DISCONNECT SWITCH													
253	E102	Symbol/ E001	Heavy Duty Disconnect Switch	EA	13	0%	13	1.230	\$ 78.00	\$ 95.94	\$ 1,093.00	\$ 1,188.94	\$ 15,456.22
GROUNDING													
POWER													
DEVICE													
254	E102	Symbols/ E001	Ceiling Mounted Duplex Receptacle	EA	82	0%	82	0.245	\$ 78.00	\$ 19.11	\$ 17.56	\$ 36.67	\$ 3,006.94
255			Ceiling Mounted Duplex Receptacle (Tamper Resistance)	EA	14	0%	14	0.250	\$ 78.00	\$ 19.50	\$ 22.20	\$ 41.70	\$ 583.80
256			Water Proof Duplex Receptacle	EA	20	0%	20	0.250	\$ 78.00	\$ 19.50	\$ 28.25	\$ 47.75	\$ 955.00
257			Water Proof Duplex Receptacle (Tamper Resistance)	EA	2	0%	2	0.250	\$ 78.00	\$ 19.50	\$ 40.53	\$ 60.03	\$ 120.06
258			Duplex Receptacle	EA	6	0%	6	0.245	\$ 78.00	\$ 19.11	\$ 17.56	\$ 36.67	\$ 220.02
259			Duplex Receptacle (Tamper Resistance)	EA	1	0%	1	0.250	\$ 78.00	\$ 19.50	\$ 22.20	\$ 41.70	\$ 41.70
260	Quadruplex Receptacle	EA	11	0%	11	0.340	\$ 78.00	\$ 26.52	\$ 29.30	\$ 55.82	\$ 614.02		
Note: All receptacle wiring shall be in galvanized steel conduit													
LIGHTING													
INTERIOR LIGHTING FIXTURES													
261			Tag A: 2'x2' Recessed Light Manufacturer: Day-Brite Catalog No: 2FGG45L840-2-D-UNV-DIM	EA	20	0%	20	0.425	\$ 78.00	\$ 33.15	\$ 99.95	\$ 133.10	\$ 2,662.00
262			Tag A1: 2'x2' Recessed Light W/ Integral Sensor Manufacturer: Day-Brite Catalog No: 2FGG45L840-2-D-UNV-DIM Note:	EA	7	0%	7	0.430	\$ 78.00	\$ 33.54	\$ 139.95	\$ 173.49	\$ 1,214.43

DETAILED BREAKDOWN OF ITEMS

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Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
263	E101	Light Fixture Schedule / E001	Tag D: 4' Pendant Manufacturer: Finelite Catalog #: S16-LED-ID DCO 4' 2E V 940 10U90D 90CRI	EA	44	0%	44	0.538	\$ 78.00	\$ 41.96	\$ 148.49	\$ 190.45	\$ 8,379.98
264			Tag D1: 4' Pendant W/ Integrated Sensor Manufacturer: Finelite Catalog #: S16-LED-ID DCO 4' 2E V 940 10U90D 90CRI	EA	47	0%	47	0.540	\$ 78.00	\$ 42.12	\$ 203.49	\$ 245.61	\$ 11,543.67
265			Tag F1: Down Light surface Manufacturer: Juno Catalog #: JSF Series 40K 90 CRI 11IN WH W/ Emergency Battery Pack	EA	15	0%	15	0.380	\$ 78.00	\$ 29.64	\$ 136.25	\$ 165.89	\$ 2,488.35
266			Tag B1: Down Light W/ Emergency Battery Pack Manufacturer: Lithonia Catalog #: LDN6 35 10 LO6 AR LS GZ10 ELSD 80CRI	EA	6	0%	6	0.420	\$ 78.00	\$ 32.76	\$ 132.20	\$ 164.96	\$ 989.76
267			Tag F: Down Light Manufacturer: Juno Catalog #: JSF Series 40k 90 CRI 11IN WH	EA	2	0%	2	0.415	\$ 78.00	\$ 32.37	\$ 380.56	\$ 412.93	\$ 825.86
268			Tag G: LED Fixture Manufacturer: Lithonia Catalog #: FMVCL-24IN-BN	EA	1	0%	1	0.415	\$ 78.00	\$ 32.37	\$ 194.22	\$ 226.59	\$ 226.59
LIGHTING													
EXTERIOR LIGHTING FIXTURES													
269	E101	Exterior Lighting Fixture/ E001	Tag J: Exterior Light Fixture W/ Emergency Battery Pack & Photo Cell Control Manufacturer: Lithonia Catalog #: WSTLED P2 40KVF WG PE E20WC PIR1FC3V DDBXD	EA	4	0%	4	0.450	\$ 78.00	\$ 35.10	\$ 1,388.30	\$ 1,423.40	\$ 5,693.60
270			Tag K: Wall Pack Exterior Light W/ Photo Cell Control Manufacturer: Lithonia Catalog #: WSTLED P2 40K VW WG PE PIR1FC3V DDBXD	EA	5	0%	5	0.435	\$ 78.00	\$ 33.93	\$ 1,288.30	\$ 1,322.23	\$ 6,611.15
LIGHTING CONTROL													
271	E101	Symbol/ E001	3 Way Light Switch W/ Back Box	EA	4	0%	4	0.428	\$ 78.00	\$ 33.38	\$ 13.99	\$ 47.37	\$ 189.50
272			Motor W/ Liquid tight Flexible Conduit	EA	11	0%	11	0.465	\$ 78.00	\$ 36.27	\$ 259.00	\$ 295.27	\$ 3,247.97
273			Single Pole Light Switch W/ Back Box	EA	3	0%	3	0.365	\$ 78.00	\$ 28.47	\$ 11.23	\$ 39.70	\$ 119.10
274			Manual Motor Starter	EA	14	0%	14	0.420	\$ 78.00	\$ 32.76	\$ 98.76	\$ 131.52	\$ 1,841.28
275			Light Control Device Manufacturer: Tork Model: COS-L2T SERIES <i>Note: Submitted the light control installation process in the form of shop drawing for approval. Include all costs in bid.</i>	EA	27	0%	27	0.420	\$ 78.00	\$ 32.76	\$ 210.96	\$ 243.72	\$ 6,580.44
276			Tag T: 6-Hour Interval Timer Manufacturer: Intermatic Model: FF6H-MH	EA	2	0%	2	0.385	\$ 78.00	\$ 30.03	\$ 39.95	\$ 69.98	\$ 139.96
277			Dimmer Manufacturer: Lutron	EA	19	0%	19	0.435	\$ 78.00	\$ 33.93	\$ 59.95	\$ 93.88	\$ 1,783.72
TRANSFORMER													
278	E501	Building Electrical Riser Diagram/ E501	Tag T-1: 15KVA Transformer (Single Phase)	EA	1	0%	1	3.220	\$ 78.00	\$ 251.16	\$ 1,767.00	\$ 2,018.16	\$ 2,018.16
EMERGENCY AND EXIT LIGHT													

DETAILED BREAKDOWN OF ITEMS

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Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
279	E101	Symbols For Emergency Light/ E001	Tag A: Emergency Light W/ Battery Pack & Remote Head Manufacturer: Hubbell Compass Catalog No: CU2 Series	EA	1	0%	1	0.385	\$ 78.00	\$ 30.03	\$ 53.08	\$ 83.11	\$ 83.11

SUBTOTAL \$ 111,721

ELECTRONIC SAFETY AND SECURITY MANUFACTURER

SMOKE DETECTION SENSOR													
280	M101	Symbol/ M001	Smoke Detector	EA	2	0%	2	0.415	\$ 78.00	\$ 32.37	\$ 58.99	\$ 91.36	\$ 182.72
281		Symbol/ M101	Tag C: Wall Mounted Sensor Manufacturer: Renewaire	EA	5	0%	5	0.380	\$ 78.00	\$ 29.64	\$ 225.63	\$ 255.27	\$ 1,276.35
282			Tag T: Timer To Control ERV Manufacturer: Renewaire	EA	5	0%	5	0.350	\$ 78.00	\$ 27.30	\$ 149.00	\$ 176.30	\$ 881.50
283			Tag L: Sens-A-Coil Leak Detection System Model: S4137R410A	EA	5	0%	5	0.435	\$ 78.00	\$ 33.93	\$ 476.85	\$ 510.78	\$ 2,553.90
284			Tag C1: CO2 Sensor Manufacturer: Honeywell Model: C7232A1008	EA	4	0%	4	0.350	\$ 78.00	\$ 27.30	\$ 99.99	\$ 127.29	\$ 509.16

SUBTOTAL \$ 5,404

EARTHWORK

ASPHALT PAVEMENT													
285	D101	Demo Plans	Tag 13: Remove Concrete Slab & Replace W/ Asphaltic Paving	SF	193	5%	203	0.048	\$ 48.00	\$ 2.30	\$ 1.12	\$ 3.42	\$ 693.80
EROSION & SEDIMENT CONTROL													
SILT FENCE													
286	CE-101	CE-502	24" High Woven Silt Fence w/ 36" High Wooden Posts @ 6'-0" O.C.	LF	137	5%	144	0.050	\$ 48.00	\$ 2.40	\$ 1.25	\$ 3.65	\$ 525
TREES PROTECTION FENCE (350 LF)													
287	LF-101	A-6/LF-102	6" H Welded Wire T Fence 14/14 Ga. Galvanized Wire 2'-4" @ Openings w/ Neon Flagging	LF	350	5%	368	0.065	\$ 48.00	\$ 3.12	\$ 3.99	\$ 7.11	\$ 2,613
288			8'-0" H Metal Posts Driven 24" Into Ground @ 10' O.C	EA	35	0%	35	0.380	\$ 48.00	\$ 18.24	\$ 51.22	\$ 69.46	\$ 2,431
289			10" x 12" Weatherproof Signs @ 30'-0" O.C	EA	12	0%	12	0.295	\$ 48.00	\$ 14.16	\$ 22.95	\$ 37.11	\$ 433
7'-10" x 5'-6" AT GRADE INLET PROTECTION (2 EA)													
290	CE-101	CE-502	1/4" Galvanized Hardware Clothes	SF	79	5%	83	0.015	\$ 48.00	\$ 0.72	\$ 1.55	\$ 2.27	\$ 189
291			Non Woven Geotextile	SF	79	5%	83	0.013	\$ 48.00	\$ 0.62	\$ 0.35	\$ 0.97	\$ 81
292			3/4" Thick Stone Layer	SF	79	5%	83	0.045	\$ 48.00	\$ 2.16	\$ 0.98	\$ 3.14	\$ 261
GRADING													
293	CE-101	Plan Notes	Total Cut	CY	12	5%	12	1.100	\$ 48.00	\$ 52.80	\$ -	\$ 52.80	\$ 644
294			Total Fill	CY	6	5%	7	0.780	\$ 48.00	\$ 37.44	\$ -	\$ 37.44	\$ 246
295			Additional/Net Cut Required	CY	5	5%	6	0.000	\$ 48.00	\$ -	\$ -	\$ -	\$ -

SUBTOTAL \$ 8,117

SITE IMPROVEMENTS

CURB & GUTTER													
296	CS-101	CS-501	Mountable Curb & Gutter	SF	877	5%	920	0.022	\$ 50.00	\$ 1.10	\$ 3.85	\$ 4.95	\$ 4,556
CONCRETE SIDEWALK													
297	CS-101	CS-501	4" Thick Concrete Sidewalk (9 CY)	CY	9	5%	9	2.880	\$ 50.00	\$ 144.00	\$ 225.00	\$ 369.00	\$ 3,487
298			Expansion Joint @ 6'-0" O.C - 1/2" Perforated Cork, Trimmed & Sealed w/ Non Staining, Two Component Polysulfide ASTM-C(20)	LF	127	5%	133	0.012	\$ 50.00	\$ 0.60	\$ 3.28	\$ 3.88	\$ 515
299			8" Thick Depressed Concrete Curb (39SF) <i>Note: Thickness Is Assumed</i>	CY	1	5%	1	2.880	\$ 50.00	\$ 144.00	\$ 225.00	\$ 369.00	\$ 375

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
RAMP													
300	CS-101	CS-501	ADA Curb Ramp - Coarse Textured Broom Finish w/ 2" Minimum Border	SF	153	5%	161	0.042	\$ 50.00	\$ 2.10	\$ 2.85	\$ 4.95	\$ 796
CONCRETE PAVEMENT													
301	CS-101	CS-502	5" Thick (4500 PSI Concrete Pavement (322 SF)	CY	5	5%	5	2.850	\$ 50.00	\$ 142.50	\$ 175.00	\$ 317.50	\$ 1,657
302			#4 @ 16" O.C	LBS	163	5%	171	0.015	\$ 50.00	\$ 0.75	\$ 0.95	\$ 1.70	\$ 290
303			Vapor Barrier	SF	322	5%	338	0.013	\$ 50.00	\$ 0.65	\$ 0.22	\$ 0.87	\$ 294
304			6" (CR-6) Compacted Stone Base	SF	322	5%	338	0.028	\$ 50.00	\$ 1.40	\$ 1.37	\$ 2.77	\$ 937
305			Geo Fabric Mirafi 600x	SF	322	5%	338	0.013	\$ 50.00	\$ 0.65	\$ 0.26	\$ 0.91	\$ 308
PAVEMENT MARKING STRIPS													
306	CS-101	Keynote #2/CS-101	5" Wide Pavement Strip - White	LF	762	5%	800	0.012	\$ 50.00	\$ 0.60	\$ 4.15	\$ 4.75	\$ 3,802
307		Keynote #7/CS-101, CS-502	12" Wide Thermoplastic Crosswalk Strips - Solid White	LF	206	5%	217	0.013	\$ 50.00	\$ 0.65	\$ 7.50	\$ 8.15	\$ 1,766
308		Keynote #1/CS-101, CS-502	4" Wide ADA Symbol Strip - White	LF	19	5%	20	0.012	\$ 50.00	\$ 0.60	\$ 3.50	\$ 4.10	\$ 84
SIGNAGE CONCRETE FOOTING													
309	CS-101	CS-502	12" Dia x 2'-6" H Concrete Footing - (3500 PSI, SHA Mix 3)	CY	0.29	5%	0.31	2.850	\$ 50.00	\$ 142.50	\$ 225.00	\$ 367.50	\$ 112
310			Excavation	CY	1.16	5%	1.2	1.100	\$ 50.00	\$ 55.00	\$ -	\$ 55.00	\$ 67
311			Backfill	CY	1	5%	1	0.780	\$ 50.00	\$ 39.00	\$ -	\$ 39.00	\$ 36
SIGNAGE POST													
312	CS-101	CS-502	3" Dia x 9'-0" H Steel U Post - 1 Coat #769 Dampproof Red Primer - 1 Coat Exterior Flat Black Enamel <i>Note: Dia of Steel Post Is Assumed, Please Verify.</i>	EA	4	0%	4	1.280	\$ 50.00	\$ 64.00	\$ 481.50	\$ 545.50	\$ 2,182
DUMPSTER ENCLOSURE													
313	CS-101	CS-501	Description: Chain Link Fence w/ 16'-0" Wide Gate Standard Height: 6'-0" H Slat Type: Top Lock 2" Slat Width: 1 3/32" Mesh Size: 2" Wire Gauge: 8 Slats Per Bag: 82 Approximate Cover Per Box: 10 LF	LF	63	5%	67	0.062	\$ 50.00	\$ 3.10	\$ 22.25	\$ 25.35	\$ 1,688
LANDSCAPING													
PLANTS													
314	LS-101	1/LS-102	3" Double Shredded Hardwood Mulching @ Shrubs Planting <i>Note: 2'-0" Dia Is Assumed</i>	SF	94	5%	99	0.012	\$ 50.00	\$ 0.60	\$ 2.58	\$ 3.18	\$ 315
315	LS-101		3" Saucer @ Shrubs Planting <i>Note: 2'-0" Dia Is Assumed</i>	SF	94	5%	99	0.010	\$ 50.00	\$ 0.50	\$ 0.10	\$ 0.60	\$ 59
316	LS-101	1/LS-102	3" Double Shredded Hardwood Mulching @ Trees Planting <i>Note: 2'-0" Dia Is Assumed</i>	SF	3	5%	3	0.012	\$ 50.00	\$ 0.60	\$ 2.58	\$ 3.18	\$ 10
317			4" Saucer @ Tree Planting <i>Note: 2'-0" Dia Is Assumed</i>	SF	3	5%	3	0.010	\$ 50.00	\$ 0.50	\$ 0.11	\$ 0.61	\$ 2
TREES													
318	LS-101	Plant Schedule/LS-101	Plan Tag: PH Botanical Name: Pinus Heldreichii Common Name: Bosnian Pine Cont.: B&B Size: 8'-10" H	EA	3	0%	3	1.180	\$ 50.00	\$ 59.00	\$ 286.95	\$ 345.95	\$ 1,038
SHURUBS													

DETAILED BREAKDOWN OF ITEMS

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319	LS-101	Plant Schedule/LS 101	Plan Tag: AM Botanical Name: Aronia Melanocarpa Morton Common Name: Iroquois Beauty TM Black Chokeberry Cont.: 5 Gal	EA	8	0%	8	0.500	\$ 50.00	\$ 25.00	\$ 71.00	\$ 96.00	\$ 768
320			Plan Tag: CH Botanical Name: Clethra Alnifolia Hummingbird Common Name: Hummingbird Summer sweet Cont.: 5 Gal	EA	7	0%	7	0.500	\$ 50.00	\$ 25.00	\$ 129.00	\$ 154.00	\$ 1,078
321			Plan Tag: HQ Botanical Name: Hydrangea Quercitol Ruby Slippers Common Name: Ruby Slippers Hydrangea Cont.: 5 Gal	EA	5	0%	5	0.500	\$ 50.00	\$ 25.00	\$ 135.00	\$ 160.00	\$ 800
322			Plan Tag: IG Botanical Name: Ilex Glabra Shamrock Common Name: Shamrock Inkberry Holly Cont.: 5 Gal	EA	10	0%	10	0.500	\$ 50.00	\$ 25.00	\$ 55.00	\$ 80.00	\$ 800
GROUND COVERS													
323	LS-101	Plant Schedule/LS 101	Plan Tag: AT Botanical Name: Amsonia Taberna Montana Common Name: Eastern Bluestar Cont.: 1 Gal Size: 24" O.C	EA	31	0%	31	0.380	\$ 50.00	\$ 19.00	\$ 14.95	\$ 33.95	\$ 1,052
324			Plan Tag: AS Botanical Name: Asclepias Tuberosa Common Name: Butterfly Milkweed Cont.: 1 Gal Size: 18" O.C	EA	34	0%	34	0.400	\$ 50.00	\$ 20.00	\$ 11.99	\$ 31.99	\$ 1,088
325			Plan Tag: RH Botanical Name: Rudbeckia Hirta Common Name: Black Eyed Susan Cont.: 1 Gal Size: 18" O.C	EA	34	0%	34	0.400	\$ 50.00	\$ 20.00	\$ 14.00	\$ 34.00	\$ 1,156
326			Plan Tag: TS Botanical Name: Turf SOD Common Name: Drought Tolerant Fescue Blend Cont.: SOD	SF	938	5%	985	0.025	\$ 50.00	\$ 1.25	\$ 1.17	\$ 2.42	\$ 2,383

DETAILED BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: G.C



Date: 11/14/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
MISC.													
327	CS-101	CS-502	7'-0" L x 10" W Concrete Wheel Stop	EA	1	0%	1	0.685	\$ 50.00	\$ 34.25	\$ 234.50	\$ 268.75	\$ 269
328	CS-101	Keynote #1/CS-501	(27 1/2" W x 32" H) Bicycle Rack - 1 5/8" Steel Tube, 1/4" Thick Mounting Plate & 7/16" Mounting Holes	EA	3	0%	3	0.750	\$ 50.00	\$ 37.50	\$ 230.00	\$ 267.50	\$ 803
329	E102		4" Dia x 4'-0" H Steel Pipe Concrete Filled Bollards Around Transformer Paint: Yellow	EA	8	0%	8	1.150	\$ 50.00	\$ 57.50	\$ 521.54	\$ 579.04	\$ 4,632
												SUBTOTAL	\$ 39,205
												PROJECTED COST	\$922,047
OVERHEAD AND PROFIT												10%	\$92,205
INSURANCE												3%	\$27,661
CONTINGENCY												5%	\$46,102
TAX												6%	\$35,605
SUGGESTED BID													\$1,123,620