DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

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	$ -	$ -	$ -	$ 185,000.00	$ 185,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 25,000.00	$ 25,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 156,000.00	$ 156,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 125,000.00	$ 125,000.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 491,000**
EXISTING CONDITIONS													
			DEMOLITION										
			SITE DEMOLITION:										
8	**Sheet 2**	**Notes/Sheet 2**	Remove And Salvage Existing Traffic Signal Poles	EA	2	0%	2	2.500	$ 55.00	$ 137.50	$ -	$ 137.50	$ 275.00
9			Remove Existing AC Curb In Its Entirety	LF	80	0%	80	0.150	$ 55.00	$ 8.25	$ -	$ 8.25	$ 660.00
10			Remove Existing Concrete Ramp In Its Entirety	SF	101	0%	101	0.088	$ 55.00	$ 4.84	$ -	$ 4.84	$ 490.44
11			Allowance To Haul-Off Of Demolished Material	LS	1	0%	1	0.000	$ -	$ 1,000.00	$ -	$ 1,000.00	$ 1,000.00
												SUBTOTAL	**$ 2,425**
CONCRETE													
			CAST IN PLACE CONCRETE										
			CONTINUOUS FOOTING:										
			1'-0"W x 1'-6"D Continuous Footing	**LF**	**304**								
12			Concrete	CY	17	10%	19	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 10,171.33
13			Reinforcement: (2) #4 Continuous Bar @ Top And Bottom	LBS	508	10%	558	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 1,116.90
14		**4/S8**	Reinforcement: #4 Bent Dowel Bars @ 32" O.C	LBS	380	10%	418	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 836.63
15			Reinforcement: #3 Vertical Bar @ 16" O.C	LBS	185	10%	204	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 407.31
16			Formwork	SF	912	10%	1003	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 2,257.20
17			Excavation	CY	34	10%	37	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 1,393.33
18			Backfill	CY	20	10%	22	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 1,226.13
			1'-0"W x 1'-6"D Continuous Footing	**LF**	**38**								
19			Concrete	CY	2	10%	2	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,303.43
20		**13/S8**	Reinforcement: (2) #4 Continuous Bar @ Top And Bottom	LBS	63	10%	69	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 138.51
21			Formwork	SF	113	10%	124	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 279.92
22			Excavation	CY	4	10%	5	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 172.79
23			Backfill	CY	2	10%	3	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 146.99
			1'-0"W x 1'-6"D Continuous Footing	**LF**	**38**								
24			Concrete	CY	2	10%	2	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,303.43
25		**13/S8**	Reinforcement: (2) #4 Continuous Bar @ Top And Bottom	LBS	63	10%	69	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 138.51
26			Formwork	SF	113	10%	124	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 279.92
27			Excavation	CY	4	10%	5	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 172.79
28			Backfill	CY	2	10%	3	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 146.99
			1'-6"W x 1'-9"D Widened Footing	**LF**	**66**								
29			Concrete	CY	6	10%	7	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 3,846.87
30			Reinforcement: (3) #4 Continuous Bar @ Bottom	LBS	110	10%	121	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 241.38
31			Reinforcement: #4 Bottom Bars @ 18" O.C	LBS	117	10%	129	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 257.47
32		**6/S8**	Reinforcement: #3 Continuous Bars @ Top	LBS	62	10%	68	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 135.87
33			Reinforcement: #3 Dowel Bars @ @ 32" O.C	LBS	39	10%	43	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 86.51
34			Formwork	SF	230	10%	253	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 569.13
35			Excavation	CY	9	10%	9	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 351.31
36			Backfill	CY	3	10%	3	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 154.58
			PAD FOOTING:										
			2'-0" x 2'-0" x 1'-6"D Pad Footing	**EA**	**2**								

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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
37		12/S8	Concrete	CY	0	10%	0	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 267.67
38			Reinforcement: (3) #4 Bars @ Bottom Each Way	LBS	16	10%	18	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 35.27
39			Formwork	SF	24	10%	26	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 59.40
40			Excavation	CY	1	10%	1	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 41.25
41			Backfill	CY	1	10%	1	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 40.33
			2'-0" x 2'-0" x 2'-6"D Pad Footing	**EA**	**8**								
42		5/S8	Concrete	CY	3	10%	3	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,784.44
43			Reinforcement: (3) #4 Bars Each Way At Top And Bottom	LBS	128	10%	141	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 282.16
44			Formwork	SF	160	10%	176	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 396.00
45			Excavation	CY	7	10%	7	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 275.00
46			Backfill	CY	4	10%	5	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 268.89
			2'-3" x 2'-3" x 1'-6"D Pad Footing	**EA**	**4**								
47		12/S8	Concrete	CY	1	10%	1	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 677.53
48			Reinforcement: (3) #4 Bars Each Way At Top And Bottom	LBS	64	10%	71	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 141.08
49			Formwork	SF	80	10%	88	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 198.00
50			Excavation	CY	3	10%	4	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 137.50
51			Backfill	CY	3	10%	3	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 160.33
	S-2		**2'-9" x 2'-9" x 1'-6" Pad Footing**	**EA**	**5**								
52		11/S8	Concrete	CY	2	10%	2	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,265.14
53			Reinforcement: (3) #4 Bars Each Way At Bottom	LBS	40	10%	44	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 88.18
54			Formwork	SF	165	10%	182	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 408.38
55			Excavation	CY	3	10%	4	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 140.36
56			Backfill	CY	2	10%	2	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 94.53
			3'-6" x 3'-6" x 2'-6"D Pad Footing	**EA**	**2**								
57		10/S8	Concrete	CY	2	10%	2	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,366.22
58			Reinforcement: (4) #4 Bars Each Way At Bottom	LBS	37	10%	41	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 82.30
59			Formwork	SF	70	10%	77	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 173.25
60			Excavation	CY	3	10%	3	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 122.22
61			Backfill	CY	1	10%	1	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 50.42
			5'-6" x 5'-6" x 2'-0"D Pad Footing	**EA**	**3**								
62		8/S8	Concrete	CY	7	10%	7	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 4,048.46
63			Reinforcement: (5) #6 Bars Each Way At Bottom	LBS	248	10%	273	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 545.23
64			Formwork	SF	132	10%	145	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 326.70
65			Excavation	CY	8	10%	9	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 330.00
66			Backfill	CY	2	10%	2	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 92.77
			MAT FOOTING:										
			1'-6"D Mat Footing	**SF**	**27**								
67		7/S8	Concrete	CY	2	10%	2	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 916.76
68			Reinforcement: #4 Bars @ 12" O.C Each Way At Top And Bottom	LBS	73	10%	81	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 161.07
69			Formwork	SF	45	10%	50	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 111.38
			GRADE BEAM:										
			1'-0" x 1'-4"D Grade Beam	**LF**	**12**								
70		9/S8	Concrete	CY	1	10%	1	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 367.42
71			Reinforcement: (2) #4 Continuous Bars At Top And Bottom	LBS	39	10%	43	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 85.24
72			Formwork	SF	31	10%	34	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 76.37
73			Excavation	CY	1	10%	1	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 35.36
74			Backfill	CY	0	10%	0	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 17.93
			CONCRETE CURB:										
			4"W x 9"D Concrete Curb	**LF**	**379**								
75		9/S8	Concrete	CY	8	10%	9	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 4,734.13
76			Reinforcement: #3 Continuous Bar	LBS	178	10%	196	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 391.89
77			Formwork	SF	569	10%	625	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 1,407.04

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78			Excavation	CY	11	10%	12	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 434.27
79			Backfill	CY	3	10%	4	1.100	$ 50.00	$ 55.00	$ -	$ 55.00	$ 193.63
			CONCRETE SLAB:										
			4" Thk. Slab On Grade As:	**SF**	**8182**								
80			Concrete	CY	100	10%	110	3.150	$ 65.00	$ 204.75	$ 320.00	$ 524.75	$ 57,724
81			6x6 W1.4xW1.4 W.W.R OR #3 Bars @ 18" O.C OR Tuf-Strand SF Dosed @ 3#/YD3	SF	8182	10%	9000	0.012	$ 60.00	$ 0.72	$ 0.86	$ 1.58	$ 14,220
82			10 MIL. Vapor Barrier	SF	8182	10%	9000	0.010	$ 50.00	$ 0.50	$ 0.48	$ 0.98	$ 8,820
83		**Plan Notes @ S2**	Prepared Well Compacted Sub Base	SF	8182	10%	9000	0.005	$ 50.00	$ 0.25	$ 0.45	$ 0.70	$ 6,300
84			Prepared Well Compacted Subgrade	SF	8182	10%	9000	0.004	$ 50.00	$ 0.20	$ -	$ 0.20	$ 1,800
85			Control Joints @ 15'-0" O.C	LF	545	10%	600	0.020	$ 65.00	$ 1.30	$ 0.17	$ 1.47	$ 882
86			Expansion Joints @ 25'-0" O.C	LF	327	10%	360	0.020	$ 65.00	$ 1.30	$ 3.25	$ 4.55	$ 1,638
			Slab Thicken Edge	**LF**	**379**								
87			Concrete	CY	3	10%	3	3.150	$ 65.00	$ 204.75	$ 320.00	$ 524.75	$ 1,621
												SUBTOTAL	**$ 142,972**

MASONRY

			UNIT MASONRY										
			STONE MASONRY										
88	**A-5.0**	**A-5.0**	"C" Stone Veneer TBD	SF	3725	10%	4098	0.150	$ 62.00	$ 9.30	$ 18.98	$ 28.28	$ 115,884.43
89			Brick Veneer Ties Vertical Spacing 8" O.C Horizontal Spacing 16" O.C Assumed	EA	4199	10%	4619	0.005	$ 62.00	$ 0.31	$ 0.35	$ 0.66	$ 3,048.49
												SUBTOTAL	**$ 118,933**

METALS

			STRUCTURAL METAL FRAMING										
			HOLLOW STRUCTURAL SECTION:										
90			HSS 3-1/2 x 3-1/2 x 3/16 (8'-0" H, 8 EA)	LBS	522	10%	574	0.022	$ 60.00	$ 1.32	$ 1.85	$ 3.17	$ 1,818.82
91			HSS 5 x 5 x 3/16 (8'-0" H, 5 EA)	LBS	470	10%	517	0.022	$ 60.00	$ 1.32	$ 1.85	$ 3.17	$ 1,638.89
			BASE PLATE										
92	**S2, S3, S4**	**S2 / FRAMING SCHEDULE**	8 x 10 x 3/4" Base Plate (13 EA) With / 4-(5/8" Dia) Anchor Bolt	LBS	398	10%	438	0.022	$ 60.00	$ 1.32	$ 1.85	$ 3.17	$ 1,387.13
			STRUCTURAL STEEL FRAMING										
			STEEL FRAMING:										
93			W21 x 44 (120 LF)	LBS	5283	10%	5811	0.022	$ 60.00	$ 1.32	$ 1.85	$ 3.17	$ 18,422
												SUBTOTAL	**$ 23,267**

WOODS, PLASTICS AND COMPOSITES

			ROUGH CARPENTRY										
			WOOD FRAMING:										
			LVL BEAM:										
94			1B1: 3 1/2 x 11 1/4 LVL	LF	23	10%	25	0.140	$ 60.00	$ 8.37	$ 6.75	$ 15.12	$ 375
95			1 3/4 x 16 LVL	LF	5	10%	6	0.092	$ 60.00	$ 5.52	$ 11.25	$ 16.77	$ 98
96			3 1/2 x 12 LVL	LF	31	10%	34	0.148	$ 60.00	$ 8.88	$ 24.50	$ 33.38	$ 1,131
97			5 1/4 x 11 1/4 LVL RIM/Spandrel	LF	23	10%	25	0.360	$ 60.00	$ 21.60	$ 31.82	$ 53.42	$ 1,332
98	**S2, S3, S4**	**S2 / FRAMING SCHEDULE**	5 1/4 x 24 LVL	LF	92	10%	101	0.750	$ 60.00	$ 45.00	$ 64.75	$ 109.75	$ 11,102

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99			7 x 18 LVL	LF	26	10%	28	0.748	$ 60.00	$ 44.88	$ 64.00	$ 108.88	$ 3,071
100			7 x 24 LVL	LF	81	10%	89	0.985	$ 60.00	$ 59.10	$ 87.24	$ 146.34	$ 13,013
101			4 X 8 Flat Nailer - Installed Flat On Top Of Roof Beams	LF	120	10%	132	0.059	$ 60.00	$ 3.54	$ 7.73	$ 11.27	$ 1,489
			BEAMS:										
102			5 1/2 x 12 GLB Beam	LF	146	10%	161	0.385	$ 60.00	$ 23.10	$ 33.63	$ 56.73	$ 9,111
103			6x8 Wood Beam	LF	31	10%	34	0.080	$ 60.00	$ 4.80	$ 11.24	$ 16.04	$ 550
			TRUSSES:										
104			Prefabricated Grider Trusses	SF	2880	10%	3167	0.045	$ 60.00	$ 2.70	$ 4.25	$ 6.95	$ 22,014
			LEDGERS:										
105	S2, S3, S4		2x8 Ledger Beam	LF	69	10%	76	0.018	$ 60.00	$ 1.08	$ 1.56	$ 2.64	$ 200
106			4x10 Ledger Beam	LF	184	10%	203	0.066	$ 60.00	$ 3.96	$ 9.65	$ 13.61	$ 2,758
			GLUED-LAMINATED BEAM:										
			5 1/2" x 12" GLB	**LF**	**218**								
107			(3) 5 1/2" x 12" GLB @ 14' L	EA	9	0%	9	5.390	$ 60.00	$ 323.40	$ 470.82	$ 794.22	$ 7,148
108	S2, S3, S4	S2 / FRAMING SCHEDULE	(3) 5 1/2" x 12" GLB @ 12' L	EA	9	0%	9	4.620	$ 60.00	$ 277.20	$ 403.56	$ 680.76	$ 6,127
109			(2) 5 1/2" x 12" GLB @ 18' L	EA	4	0%	4	6.930	$ 60.00	$ 415.80	$ 605.34	$ 1,021.14	$ 4,085
110			(1) 5 1/2" x 12" GLB @ 16' L	EA	1	0%	1	6.160	$ 60.00	$ 369.60	$ 538.08	$ 907.68	$ 908
			Note: Quantities Are Multiplied										
			TRIM/JACK STUDS:										
111	S2, S3, S4	S2 / FRAMING SCHEDULE	2x6 Trim Studs (8'-0" H)	EA	31	0%	31	0.128	$ 60.00	$ 7.68	$ 9.68	$ 17.36	$ 538
			KING STUDS:										
112			2x6 King Studs (10'-0" H)	EA	47	0%	47	0.160	$ 60.00	$ 9.60	$ 12.10	$ 21.70	$ 1,020
			POSTS:										
113	S2, S3, S4	S2 / FRAMING SCHEDULE	4x4 Wood Post (10'-0" H)	EA	6	0%	6	0.450	$ 60.00	$ 27.00	$ 38.70	$ 65.70	$ 394
114			4x6 Wood Post (4'-0" H)	EA	8	0%	8	0.208	$ 60.00	$ 12.48	$ 23.20	$ 35.68	$ 285
115			4x6 Wood Post (8'-0" H)	EA	12	0%	12	0.416	$ 60.00	$ 24.96	$ 46.40	$ 71.36	$ 856
116			4x6 Wood Post (10'-0" H)	EA	45	0%	45	0.520	$ 60.00	$ 31.20	$ 58.00	$ 89.20	$ 4,014
117			6x6 Wood Post (10'-0" H)	EA	26	0%	26	0.720	$ 60.00	$ 43.20	$ 104.90	$ 148.10	$ 3,851
118			6x8 Wood Post (10'-0" H)	EA	5	0%	5	0.800	$ 60.00	$ 48.00	$ 126.30	$ 174.30	$ 872
			JOISTS:										
			2 x 8 Joist	**SF**	**463**								
119			2 x 8 Joist @ 2'-0" O.C. @ 8' L	EA	31	0%	31	0.144	$ 60.00	$ 8.64	$ 12.48	$ 21.12	$ 655
			18" Joist RED-165	**SF**	**2871**								
120			18" RED-165 @ 2'-0" O.C. @ 26' L	EA	26	0%	26	1.092	$ 60.00	$ 65.52	$ 100.62	$ 166.14	$ 4,320
121			18" RED-165 @ 2'-0" O.C. @ 32' L	EA	22	0%	22	1.344	$ 60.00	$ 80.64	$ 123.84	$ 204.48	$ 4,499
122	S2, S3, S4	S2 / FRAMING SCHEDULE	18" RED-165 @ 2'-0" O.C. @ 8' L	EA	11	0%	11	0.336	$ 60.00	$ 20.16	$ 30.96	$ 51.12	$ 562
			24" Joist RED-190	**SF**	**4709**								
123			24" RED-190 @ 2'-0" O.C. @ 40' L	EA	59	0%	59	2.600	$ 60.00	$ 156.00	$ 244.80	$ 400.80	$ 23,647
			2 x 12 Floor Joist	**SF**	**391**								
124			2 x 12 Joist @ 16" O.C. @ 24' L	EA	13	0%	13	0.528	$ 60.00	$ 31.68	$ 55.25	$ 86.93	$ 1,130
			BLOCKING:										
125			4 x Blocking @ 4'-0" O.C. Cut Length: 2'-0" L	LF	6	10%	6	0.052	$ 60.00	$ 3.12	$ 5.80	$ 8.92	$ 57

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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
126			2x6 Ridge Blocking	LF	358	10%	394	0.016	$ 60.00	$ 0.96	$ 1.21	$ 2.17	$ 855
127			2x4 Wood Blocking	LF	458	10%	504	0.014	$ 60.00	$ 0.84	$ 1.09	$ 1.93	$ 973
128			2 x 6 Fire Treated Blocking @ Millwork	LF	46	10%	51	0.016	$ 60.00	$ 0.96	$ 1.44	$ 2.40	$ 121
			WOOD BEAM:										
129			4 x 12 Wood Beam	LF	103	10%	114	0.073	$ 60.00	$ 4.38	$ 11.60	$ 15.98	$ 1,815
130			6 x 8 Wood Beam	LF	29	10%	32	0.080	$ 60.00	$ 4.80	$ 12.63	$ 17.43	$ 563
131	S2, S3, S4	S2 / FRAMING SCHEDULE	6 x 10 Wood Beam	LF	44	10%	48	0.085	$ 60.00	$ 5.10	$ 16.25	$ 21.35	$ 1,033
132			6 x 12 Wood Beam	LF	191	10%	210	0.092	$ 60.00	$ 5.52	$ 19.13	$ 24.65	$ 5,189
			LSL RIM BOARD:										
133			1 1/2 x 18 LSL Rim	LF	97	10%	106	0.098	$ 60.00	$ 5.85	$ 9.17	$ 15.02	$ 1,599
134			1 1/2 x 24 LSL Rim	LF	144	10%	158	0.110	$ 60.00	$ 6.60	$ 13.62	$ 20.22	$ 3,196
135			4 x 12 RIM	LF	46	10%	50	0.073	$ 60.00	$ 4.38	$ 11.60	$ 15.98	$ 800
			HEADER:										
136			6 x 6 Header Beam (4'-0" L)	EA	1	0%	1	0.288	$ 60.00	$ 17.28	$ 41.96	$ 59.24	$ 59
			STAIRS FRAMING:										
			2 x 6 Landing Joist	**SF**	**39**								
137			2 x 6 Landing Joist @ 16" O.C. @ 8' L	EA	4	0%	4	0.128	$ 60.00	$ 7.68	$ 9.68	$ 17.36	$ 69
		S2 / FRAMING SCHEDULE											
138			1 3/4 x 16 LVL Stringers (18'-0" L)	EA	3	0%	3	1.647	$ 60.00	$ 98.82	$ 147.42	$ 246.24	$ 739
139	S2, S3, S4		1 1/8" Sheathing Tread (1'-0" W, 5'-0" L)	EA	16	0%	16	0.425	$ 60.00	$ 25.50	$ 42.15	$ 67.65	$ 1,082
140			Ripped 1 1/4" LSL Blocking Riser (0'-6" H, 5'-0" L)	EA	16	0%	16	0.320	$ 60.00	$ 19.20	$ 29.84	$ 49.04	$ 785
			RIPPED:										
141			4 X 6 Flat Sleeper, Ripped	LF	73	10%	80	0.052	$ 60.00	$ 3.12	$ 5.80	$ 8.92	$ 716
			SHEATHING:										
142			**1 1/8" Plywood Sheathing**	**SF**	**85**	**10%**	**94**						
143			No. of Sheets (4' x 8')	EA	3	0%	3	0.360	$ 60.00	$ 21.60	$ 51.08	$ 72.68	$ 218
144			Nails	EA	225	0%	225	0.001	$ 60.00	$ 0.03	$ 0.05	$ 0.08	$ 18
145			**5/8" APA Rated Sheathing**	**SF**	**7578**	**10%**	**8336**						
146			No. of Sheets (4' x 8')	EA	261	0%	261	0.360	$ 60.00	$ 21.60	$ 32.78	$ 54.38	$ 14,193
147			Nails	EA	19575	0%	19575	0.001	$ 60.00	$ 0.03	$ 0.05	$ 0.08	$ 1,566
	S2, S3, S4	S2 / FRAMING SCHEDULE											
148			**1 1/8" APA Rated Sheathing**	**SF**	**431**	**10%**	**474**						
149			No. of Sheets (4' x 8')	EA	15	0%	15	0.360	$ 60.00	$ 21.60	$ 51.08	$ 72.68	$ 1,090
150			Nails	EA	1125	0%	1125	0.001	$ 60.00	$ 0.03	$ 0.05	$ 0.08	$ 90
151			**5/8" Plywood Sheathing @ Canopy - As Required**	**SF**	**391**	**10%**	**430**						
152			No. of Sheets (4' x 8')	EA	14	0%	14	0.360	$ 60.00	$ 21.60	$ 32.78	$ 54.38	$ 761
153			Nails	EA	1050	0%	1050	0.001	$ 60.00	$ 0.03	$ 0.05	$ 0.08	$ 84
154			**5/8" APA Rated Exterior Grade Roof Sheathing**	**SF**	**3392**	**10%**	**3731**						
155			No. of Sheets (4' x 8')	EA	117	0%	117	0.360	$ 60.00	$ 21.60	$ 32.78	$ 54.38	$ 6,362
156			Nails	EA	8775	0%	8775	0.001	$ 60.00	$ 0.03	$ 0.05	$ 0.08	$ 702
			FRAMING HARDWARE:										
157			Allowance For Beam To Beam, Beam To Post Connections (8009 SF)	LS	1	0%	1	0.000	$ 60.00	$ 4,757.35	$ 5,814.53	$ 10,571.88	$ 10,572
			FINISH CARPENTRY										
			CABINETRY & MILLWORK:										
158			3'-0" Deep x 1'-8" H. Base Cabinet W/ Door & Hardware 4" H. Toe Kick	LF	23	10%	26	0.410	$ 60.00	$ 24.60	$ 325.00	$ 349.60	$ 8,929

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	A2.0	Plane Detail	**RECEPTION COUNTER**										
159			2'-6" Wide x 24" H. POS Curve Counter W/ Solid Surface Countertop Plastic Laminate @ Counter Front (56 SF)	LF	28	10%	31	0.450	$ 60.00	$ 27.00	$ 450.00	$ 477.00	$ 14,702
160			3'-0" x 2'-10" Plastic Laminate Gate @ Cashier Counter	EA	2	0%	2	0.800	$ 60.00	$ 48.00	$ 54.50	$ 102.50	$ 205
												SUBTOTAL	**$ 210,296**
			THERMAL & MOISTURE PROTECTION										
			THERMAL PROTECTION										
	S3	PLAN NOTES	**THERMAL INSULATION:**										
161			R-II Sound Insulation	SF	2260	10%	2487	0.015	$ 62.00	$ 0.93	$ 1.32	$ 2.25	$ 5,595
			SEALANT										
162	A-2.0	A-2.0	Acoustical Sealant @ Door	LF	997	10%	1097	0.018	$ 62.00	$ 1.12	$ 0.42	$ 1.54	$ 1,684
			UNDERLAYMENT:										
163	A-4.0	A-4.0	Roof Underlayment	SF	9121	10%	10033	0.013	$ 62.00	$ 0.81	$ 0.56	$ 1.37	$ 13,705
			STEEP SLOPE ROOFING										
			Flat Roof										
164	A-4.0	A-4.0	Build-Up Roofing System "Class C"	SF	5698	10%	6267	0.065	$ 62.00	$ 4.03	$ 6.85	$ 10.88	$ 68,189
			ROOFING AND SIDING PANELS										
			TRIMS:										
165	A-5.0	A-5.0	4" Exterior Trim	LF	719	10%	791	0.024	$ 62.00	$ 1.49	$ 4.25	$ 5.74	$ 4,541
166	A-2.0,A-5.0	A-2.0,A-5.0	Door Trim	LF	997	10%	1097	0.024	$ 62.00	$ 1.49	$ 4.25	$ 5.74	$ 6,292
			Note: The windows are storefront windows, so we didn't add any window trim since we considered them part of the storefront. Please confirm this.										
			FLASHING AND SHEET METAL										
			SHEET METAL ROOFING:										
167	A-4.0	A-4.0	Standing Seam Metal Roofing 24 GA. Class A	SF	3424	10%	3766	0.085	$ 62.00	$ 5.27	$ 7.98	$ 13.25	$ 49,899
			SHEET METAL FLASHING AND TRIM:										
168	A-4.0,A-5.0	A-4.0,A-5.0	3-1/4" Weep Screed @ Exterior Note: Size Assumed.	LF	352	10%	387	0.018	$ 62.00	$ 1.12	$ 1.25	$ 2.37	$ 917
169			Hip Flashing	LF	347	10%	382	0.027	$ 62.00	$ 1.67	$ 5.25	$ 6.92	$ 2,644
170			Metal Flashing	LF	166	10%	183	0.022	$ 62.00	$ 1.36	$ 2.65	$ 4.01	$ 735
171			Metal Drip Edge	LF	424	10%	466	0.024	$ 62.00	$ 1.49	$ 2.13	$ 3.62	$ 1,687
172			24 GA. Edge Face Flashing	LF	424	10%	466	0.024	$ 62.00	$ 1.49	$ 3.76	$ 5.25	$ 2,448
173			Wall To Roof Flashing	LF	39	10%	43	0.024	$ 62.00	$ 1.49	$ 2.50	$ 3.99	$ 171
174			Roof To Wall Flashing	LF	228	10%	251	0.024	$ 62.00	$ 1.49	$ 3.50	$ 4.99	$ 1,251
175	A-2.0	A-2.0	Flashing @ Door	498	228	10%	251	0.021	$ 62.00	$ 1.30	$ 2.46	$ 3.76	$ 944
176	A-2.0	A-2.0	Flashing @ Window	60	228	10%	251	0.021	$ 62.00	$ 1.30	$ 2.46	$ 3.76	$ 944
			ROOF AND WALL SPECIALTIES & ACCESSORIES										
			ROOF SPECIALTIES:										
177	A-4.0	A-4.0	Gutters	LF	269	10%	295	0.076	$ 62.00	$ 4.71	$ 7.50	$ 12.21	$ 3,608
178			Downspouts	LF	185	10%	204	0.056	$ 62.00	$ 3.47	$ 5.25	$ 8.72	$ 1,775
			ROOF ACCESSORIES:										
179	A-4.0	A-4.0	Built-Up Roof Cricket	SF	1009	10%	1109	0.020	$ 62.00	$ 1.24	$ 4.50	$ 5.74	$ 6,368
180			Roof Curb	LF	166	10%	183	0.062	$ 62.00	$ 3.84	$ 27.50	$ 31.34	$ 5,740
181			1'-0"W Soffit	SF	647	10%	711	0.028	$ 62.00	$ 1.74	$ 2.85	$ 4.59	$ 3,262
182			2x6 Fascia	LF	424	10%	466	0.041	$ 62.00	$ 2.54	$ 4.76	$ 7.30	$ 3,406
183			Ice & Wheater Shield	SF	1272	10%	1399	0.013	$ 62.00	$ 0.81	$ 1.15	$ 1.96	$ 2,737

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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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
184			6"x32" Eave Vent w/ Bird Screen	EA	12	0%	12	0.400	$ 62.00	$ 24.80	$ 32.50	$ 57.30	$ 688
												SUBTOTAL	$ 189,228
			OPENINGS										
			DOORS AND FRAMES										
			METAL DOORS AND FRAMES:										
185	A-2.0	A-2.0	6'-0"W x 7'-0"H Double Panel Door - Door Material: Hollow Metal - Frame Material: SMR	EA	1	0%	1	9.240	$ 60.00	$ 554.40	$ 2,310.00	$ 2,864.40	$ 2,864
186			3'-0"W x 7'-0" Single Panel Door - Door Material: Hollow Metal - Frame Material: SMR	EA	1	0%	1	4.620	$ 60.00	$ 277.20	$ 1,155.00	$ 1,432.20	$ 1,432
187			2'-4"W x 5'-0"H Single Panel Door - Door Material: Hollow Metal - Frame Material: Hollow Metal	EA	1	0%	1	2.563	$ 60.00	$ 153.78	$ 640.75	$ 794.53	$ 795
188			2'-6"W x 5'-0"H Single Panel Access Door - Door Material: Hollow Metal - Frame Material: Hollow Metal	EA	1	0%	1	2.750	$ 60.00	$ 165.00	$ 687.50	$ 852.50	$ 853
189			2'-0"W x 5'-0"H Single Panel Access Door - Door Material: Hollow Metal - Frame Material: Hollow Metal	EA	4	0%	4	2.200	$ 60.00	$ 132.00	$ 610.00	$ 742.00	$ 2,968
			WOOD DOORS AND FRAMES:										
190	A-2.0	A-2.0	3'-0"W x 7'-0"H Single Panel Door - Door Material: Solid Core Wood - Finish: Premium Wood Grain Laminate Plastic	EA	11	0%	11	4.200	$ 60.00	$ 252.00	$ 882.00	$ 1,134.00	$ 12,474
191			2'-8"W x 7'-0"H Single Panel Door - Door Material: Solid Core Wood - Finish: Premium Wood Grain Laminate Plastic	EA	7	0%	7	3.738	$ 60.00	$ 224.28	$ 784.98	$ 1,009.26	$ 7,065
192			3'-0"W x 7'-0"H Single Panel Door - Door Material: Insulated Cold Box - Glazing: Tempered Glass & Standard Push/Pull Bars	EA	5	0%	5	5.880	$ 60.00	$ 352.80	$ 1,575.00	$ 1,927.80	$ 9,639
			ENTRANCES, STOREFRONTS, AND CURTAIN WALLS										
			ENTRANCES AND STOREFRONTS:										
193	A-2.0	A-2.0	6'-0"W x 7'-0"H Aluminum Storefront Door w/ 10" Minimum Smooth Surface @ Bottom	EA	2	0%	2	10.500	$ 60.00	$ 630.00	$ 2,520.00	$ 3,150.00	$ 6,300
194			3'-0"W x 7'-0"H Aluminum Storefront Door w/ 10" Smooth Surface @ Door	EA	1	0%	1	5.250	$ 60.00	$ 315.00	$ 1,260.00	$ 1,575.00	$ 1,575
195			7'-6"W x 7'-0"H Aluminum Storefront	EA	1	0%	1	13.125	$ 60.00	$ 787.50	$ 3,150.00	$ 3,937.50	$ 3,938
196			2'-6"W x 7'-0"H Aluminum Storefront	EA	2	0%	2	4.375	$ 60.00	$ 262.50	$ 1,050.00	$ 1,312.50	$ 2,625
			STOREFRONTS WINDOW:										
197	A-5.0	A-5.0	"G" 11'-0"W x 6'-2"H Storefront Window Dark Bronze Aluminum w/ 1/4" Black Spandrel Glass	EA	2	0%	2	14.924	$ 60.00	$ 895.45	$ 4,155.02	$ 5,050.46	$ 10,101
198			"G" 11'-0"W x 1'-4"H Storefront Window Dark Bronze Aluminum w/ 1/4" Black Spandrel Glass	EA	1	0%	1	3.219	$ 60.00	$ 193.12	$ 896.09	$ 1,089.20	$ 1,089
199			"F" 11'-0"W x 1'-4"H Storefront Window Dark Bronze Aluminum w/ 1" Dual Glazing	EA	1	0%	1	3.219	$ 60.00	$ 193.12	$ 896.09	$ 1,089.20	$ 1,089
200			"F" 11'-0"W x 6'-2"H Storefront Window Dark Bronze Aluminum w/ 1" Dual Glazing	EA	1	0%	1	14.924	$ 60.00	$ 895.45	$ 4,155.02	$ 5,050.46	$ 5,050
201			"F" 16'-0"W x 5'-6"H Storefront Window Dark Bronze Aluminum w/ 1" Dual Glazing	EA	2	0%	2	19.360	$ 60.00	$ 1,161.60	$ 5,390.00	$ 6,551.60	$ 13,103
			HARDWARE										
			DOOR HARDWARE:										

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
202			Tag 1" - Hinges: Standard Offset Pivots Per MFR - Lock Set: Standard Push Pull Bar w/ Adams Rite MS-1850 Type Deadlock & Flush Bolts On Double Doors - Closer: #1460 BY "LCN" - Door Stop: Floor Mounted By "Quality" - Threshold: #225D By "Pemko"-Exterior Doors Only	EA	2	0%	2	1.750	$ 60.00	$ 105.00	$ 573.00	$ 678.00	$ 1,356
203	A-2.0	A-2.0	"Tag 2" - 1-1/2" Pair Hinges: 4-1/2" x 4-1/2" #BB1279 By "Hagar" - Lock Set: Privacy Lock #ND40S By "Schlage" - Door Stop" Floor Mounted By "Quality" - Kickplate: 10" Each Side By "Quality"	EA	14	0%	14	1.750	$ 60.00	$ 105.00	$ 652.00	$ 757.00	$ 10,598
204			"Tag 3" - 1-1/2" Pair Hinges: 4-1/2" x 4-1/2" #bb1279 By "Hagar" - Latch Set: Von Duprin 99 Series Exit Device w/ Standard Trim & Night Latch - Door Stop: Floor Mounted By "Quality" - Closer: #1460 By "LCN" - Threshold: #255 By "Pemko" On Exterior Doors Only	EA	1	0%	1	1.750	$ 60.00	$ 105.00	$ 752.00	$ 857.00	$ 857
205			Tag 4" - 1-1/2" Pair Hinges: 4-1/2" x 4-1/2" #BB1279 By "Hagar" - Lock Set: Storage Lock Set #ND80PD By 'Schlage" - Door Stop: Wall Mounted By "Quality"	EA	4	0%	4	1.750	$ 60.00	$ 105.00	$ 452.00	$ 557.00	$ 2,228
206			Allowance For Door Hardware Note: Some door hardware details were not provided. we have assumed the hardware details. Please verify on site.	EA	10	0%	10	1.500	$ 60.00	$ 90.00	$ 300.00	$ 390.00	$ 3,900
												SUBTOTAL	$ 101,899

FINISHES

			PLASTER AND GYPSUM BOARD										
			EXTERIOR DRYWALL										
207			**2X6 Exterior Drywall (10'-0" H)**	**LF**	**72**	**H**	**10**						
208			**5/8" Gypsum Wall Board**	**SF**	**717**	**10%**	**789**						
209			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	25	0%	25	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 1,062
210			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	25	0%	25	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 1,048
211			Sealant	LF	143	10%	158	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 153
212			Tapping	LF	368	10%	405						
213			Joint Compound (Lightweight)	LBs	52	10%	58						
214			Screws	EA	800	0%	800						
215			**7/16" APA Rated Sheathing**	**SF**	**717**	**10%**	**789**						
216			No. of Sheets (4' x 8')	EA	25	0%	25	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 933
217			Nails	EA	1875	0%	1875	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 127
218			Batt Insulation	SF	717	10%	789	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 1,602
219			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	55	0%	55	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 1,263
220			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	14	0%	14	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 330
221			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	7	0%	7	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 165
222			**2X6 Exterior Drywall (12'-11" H)**	**LF**	**87**	**H**	**12**						
223			**5/8" Gypsum Wall Board**	**SF**	**1042**	**10%**	**1146**						
224			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	36	0%	36	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 1,529

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
225			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	36	0%	36	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 1,508
226			Sealant	LF	175	10%	192	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 186
227			Tapping	LF	528	10%	581						
228			Joint Compound (Lightweight)	LBs	76	10%	84						
229			Screws	EA	1152	0%	1152						
230			**7/16" APA Rated Sheathing**	**SF**	**1042**	**10%**	**1146**						
231			No. of Sheets (4' x 8')	EA	36	0%	36	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 1,343
232			Nails	EA	2700	0%	2700	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 182
233			Batt Insulation	SF	1042	10%	1146	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 2,326
234			2x6 Wooden Studs @ 16" O.C -Cut Length 14'-0"	EA	67	0%	67	0.224	$ 55.00	$ 12.32	$ 19.88	$ 32.20	$ 2,148
235			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	17	0%	17	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 402
236			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 201
237			**2X6 Exterior Drywall (Mr+Sh) (10'-0" H)**	**LF**	**33**	**H**	**10**						
238			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**331**	**10%**	**364**						
239			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	12	0%	12	0.425	$ 55.00	$ 23.38	$ 26.48	$ 49.86	$ 598
240			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	12	0%	12	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 503
241			Sealant	LF	66	10%	73	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 71
242			Tapping	LF	176	10%	194						
243			Joint Compound (Lightweight)	LBs	24	10%	27						
244			Screws	EA	384	0%	384						
245			**7/16" APA Rated Sheathing**	**SF**	**331**	**10%**	**364**						
246			No. of Sheets (4' x 8')	EA	12	0%	12	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 448
247			Nails	EA	900	0%	900	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 61
248			Batt Insulation	SF	331	10%	364	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 740
249			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	26	0%	26	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 596
250			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	7	0%	7	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 152
251			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 76
252			**2X6 Exterior Metal Studs Shaft Wall (Sh) (7'-6" H)**	**LF**	**52**	**H**	**8**						
253			**7/16" APA Rated Sheathing**	**SF**	**392**	**10%**	**431**						
254			No. of Sheets (4' x 8')	EA	14	0%	14	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 522
255			Nails	EA	1050	0%	1050	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 71
256			Batt Insulation	SF	392	10%	431	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 874
257			2x6 Wooden Studs @ 16" O.C -Cut Length 8'-0"	EA	40	0%	40	0.128	$ 55.00	$ 7.04	$ 11.36	$ 18.40	$ 741
258			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	10	0%	10	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 240
259			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 120
260			**2X6 Exterior Wooden Studs Shaft Wall (Sh) (22'-0" H)**	**LF**	**27**	**H**	**22**						
261			**7/16" APA Rated Sheathing**	**SF**	**591**	**10%**	**650**						
262			No. of Sheets (4' x 8')	EA	21	0%	21	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 783
263			Nails	EA	1575	0%	1575	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 106
264			Batt Insulation	SF	591	10%	650	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 1,320
265			2x6 Wooden Studs @ 16" O.C -Cut Length 22'-0"	EA	21	0%	21	0.352	$ 55.00	$ 19.36	$ 31.24	$ 50.60	$ 1,073

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
266			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 124
267			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 62
268			**2X6 Exterior Shaft Wall (Gb) (10'-0" H)**	**LF**	**19**	**H**	**10**						
269			**5/8" Gypsum Wall Board**	**SF**	**195**	**10%**	**214**						
270			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 297
271			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 293
272			Sealant	LF	39	10%	43	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 42
273			Tapping	LF	112	10%	123						
274			Joint Compound (Lightweight)	LBs	14	10%	16						
275			Screws	EA	224	0%	224						
276			Batt Insulation	SF	195	10%	214	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 435
277			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	16	0%	16	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 360
278			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 90
279			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 45
280			**2X6 Exterior Shaft Wall (Gb) (11'-2" H)**	**LF**	**12**	**H**	**11**						
281			**5/8" Gypsum Wall Board**	**SF**	**135**	**10%**	**149**						
282			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	5	0%	5	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 212
283			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	5	0%	5	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 210
284			Sealant	LF	24	10%	27	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 26
285			Tapping	LF	80	10%	88						
286			Joint Compound (Lightweight)	LBs	10	10%	11						
287			Screws	EA	160	0%	160						
288			Batt Insulation	SF	135	10%	149	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 302
289			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	10	0%	10	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 279
290			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 56
291			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 28
292			**2X6 Exterior Shaft Wall (Gb) (12'-11" H)**	**LF**	**20**	**H**	**13**						
293			**5/8" Gypsum Wall Board**	**SF**	**253**	**10%**	**278**						
294			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	9	0%	9	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 382
295			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	9	0%	9	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 377
296			Sealant	LF	39	10%	43	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 42
297			Tapping	LF	128	10%	141						
298			Joint Compound (Lightweight)	LBs	18	10%	20						
299			Screws	EA	288	0%	288						
300			Batt Insulation	SF	253	10%	278	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 565
301			2x6 Wooden Studs @ 16" O.C -Cut Length 14'-0"	EA	16	0%	16	0.224	$ 55.00	$ 12.32	$ 19.88	$ 32.20	$ 506
302			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 90

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
303			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 45
304			**2X6 Exterior Shaft Wall (Mr) (11'-2" H)**	**LF**	**4**	**H**	**11**						
305			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**45**	**10%**	**50**						
306			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	2	0%	2	0.425	$ 55.00	$ 23.38	$ 26.48	$ 49.86	$ 100
307			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	2	0%	2	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 84
308			Sealant	LF	8	10%	9	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 9
309			Tapping	LF	32	10%	35						
310			Joint Compound (Lightweight)	LBs	3	10%	4						
311			Screws	EA	64	0%	64						
312			Batt Insulation	SF	45	10%	50	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 101
313			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	4	0%	4	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 111
314			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 19
315			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	0	0%	0	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 9
316			**2X6 Exterior Shaft Wall (Sh) (1'-10" H)**	**LF**	**26**	**H**	**2**						
317			**7/16" APA Rated Sheathing**	**SF**	**48**	**10%**	**53**						
318			No. of Sheets (4' x 8')	EA	2	0%	2	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 75
319			Nails	EA	150	0%	150	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 10
320			Batt Insulation	SF	48	10%	53	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 107
321			2x6 Wooden Studs @ 16" O.C -Cut Length 2'-0"	EA	21	0%	21	0.032	$ 55.00	$ 1.76	$ 2.84	$ 4.60	$ 95
322			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 120
323			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 60
324			**2X6 Exterior Shaft Wall (Sh) (2'-6" H)**	**LF**	**46**	**H**	**3**						
325			**7/16" APA Rated Sheathing**	**SF**	**114**	**10%**	**126**						
326			No. of Sheets (4' x 8')	EA	4	0%	4	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 149
327			Nails	EA	300	0%	300	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 20
328			Batt Insulation	SF	114	10%	126	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 255
329			2x6 Wooden Studs @ 16" O.C -Cut Length 4'-0"	EA	35	0%	35	0.064	$ 55.00	$ 3.52	$ 5.68	$ 9.20	$ 325
330			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 210
331			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 105
332			**2X6 Exterior Shaft Wall (Sh) (3'-6" H)**	**LF**	**46**	**H**	**4**						
333			**7/16" APA Rated Sheathing**	**SF**	**162**	**10%**	**178**						
334			No. of Sheets (4' x 8')	EA	6	0%	6	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 224
335			Nails	EA	450	0%	450	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 30
336			Batt Insulation	SF	162	10%	178	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 361
337			2x6 Wooden Studs @ 16" O.C -Cut Length 4'-0"	EA	36	0%	36	0.064	$ 55.00	$ 3.52	$ 5.68	$ 9.20	$ 329
338			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 212
339			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 106
340			**2X6 Exterior Shaft Wall (Sh) (9'-3" H)**	**LF**	**92**	**H**	**9**						
341			**7/16" APA Rated Sheathing**	**SF**	**855**	**10%**	**941**						

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
342			No. of Sheets (4' x 8')	EA	30	0%	30	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 1,119
343			Nails	EA	2250	0%	2250	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 152
344			Batt Insulation	SF	855	10%	941	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 1,910
345			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	71	0%	71	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 1,622
346			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	18	0%	18	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 425
347			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 213
348			**2X6 Exterior Shaft Wall (Sh) (10'-0" H)**	**LF**	**32**	**H**	**10**						
349			**7/16" APA Rated Sheathing**	**SF**	**316**	**10%**	**347**						
350			No. of Sheets (4' x 8')	EA	11	0%	11	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 410
351			Nails	EA	825	0%	825	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 56
352			Batt Insulation	SF	316	10%	347	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 705
353			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	25	0%	25	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 569
354			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	6	0%	6	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 145
355			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 73
356			**2X6 Exterior Shaft Wall (Sh) (11'-2" H)**	**LF**	**25**	**H**	**11**						
357			**7/16" APA Rated Sheathing**	**SF**	**277**	**10%**	**305**						
358			No. of Sheets (4' x 8')	EA	10	0%	10	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 373
359			Nails	EA	750	0%	750	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 51
360			Batt Insulation	SF	277	10%	305	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 619
361			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	20	0%	20	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 543
362			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 114
363			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 57
364			**2X6 Exterior Shaft Wall (Sh) (12'-11" H)**	**LF**	**22**	**H**	**13**						
365			**7/16" APA Rated Sheathing**	**SF**	**287**	**10%**	**315**						
366			No. of Sheets (4' x 8')	EA	10	0%	10	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 373
367			Nails	EA	750	0%	750	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 51
368			Batt Insulation	SF	287	10%	315	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 640
369			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	18	0%	18	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 488
370			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 102
371			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 51
372			**2X6 Exterior Studs Wall (Gb+Sh) (5'-0" H)**	**LF**	**47**	**H**	**5**						
373			**5/8" Gypsum Wall Board**	**SF**	**235**	**10%**	**259**						
374			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	9	0%	9	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 382
375			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	9	0%	9	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 377
376			Sealant	LF	94	10%	104	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 100
377			Tapping	LF	128	10%	141						
378			Joint Compound (Lightweight)	LBs	17	10%	19						
379			Screws	EA	288	0%	288						
380			**7/16" APA Rated Sheathing**	**SF**	**235**	**10%**	**259**						
381			No. of Sheets (4' x 8')	EA	9	0%	9	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 336
382			Nails	EA	675	0%	675	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 46

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
383			Batt Insulation	SF	235	10%	259	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 526
384			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	36	0%	36	0.096	$ 55.00	$ 5.28	$ 8.52	$ 13.80	$ 502
385			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 217
386			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 108
387			**2X6 Exterior Studs Wall (Gb+Sh) (5'-4" H)**	**LF**	**24**	**H**	**5**						
388			**5/8" Gypsum Wall Board**	**SF**	**126**	**10%**	**138**						
389			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	5	0%	5	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 212
390			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	5	0%	5	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 210
391			Sealant	LF	47	10%	52	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 50
392			Tapping	LF	64	10%	70						
393			Joint Compound (Lightweight)	LBs	9	10%	10						
394			Screws	EA	160	0%	160						
395			**7/16" APA Rated Sheathing**	**SF**	**126**	**10%**	**138**						
396			No. of Sheets (4' x 8')	EA	5	0%	5	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 187
397			Nails	EA	375	0%	375	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 25
398			Batt Insulation	SF	126	10%	138	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 281
399			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	19	0%	19	0.096	$ 55.00	$ 5.28	$ 8.52	$ 13.80	$ 259
400			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 109
401			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
402			**2X6 Exterior Studs Wall (Gb+Sh) (5'-4" H)**	**LF**	**47**	**H**	**5**						
403			**5/8" Gypsum Wall Board**	**SF**	**253**	**10%**	**278**						
404			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	9	0%	9	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 382
405			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	9	0%	9	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 377
406			Sealant	LF	95	10%	104	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 101
407			Tapping	LF	128	10%	141						
408			Joint Compound (Lightweight)	LBs	18	10%	20						
409			Screws	EA	288	0%	288						
410			**7/16" APA Rated Sheathing**	**SF**	**253**	**10%**	**278**						
411			No. of Sheets (4' x 8')	EA	9	0%	9	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 336
412			Nails	EA	675	0%	675	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 46
413			Batt Insulation	SF	253	10%	278	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 564
414			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	37	0%	37	0.096	$ 55.00	$ 5.28	$ 8.52	$ 13.80	$ 506
415			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 218
416			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 109
417			**2X6 Exterior Studs Wall (Gb+Sh) (6'-8" H)**	**LF**	**24**	**H**	**7**						
418			**5/8" Gypsum Wall Board**	**SF**	**157**	**10%**	**173**						
419			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	6	0%	6	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 255
420			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	6	0%	6	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 251
421			Sealant	LF	47	10%	52	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 50

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
422			Tapping	LF	80	10%	88						
423			Joint Compound (Lightweight)	LBs	11	10%	13						
424			Screws	EA	192	0%	192						
425			**7/16" APA Rated Sheathing**	**SF**	**157**	**10%**	**173**						
426			No. of Sheets (4' x 8')	EA	6	0%	6	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 224
427			Nails	EA	450	0%	450	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 30
428			Batt Insulation	SF	157	10%	173	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 351
429			2x6 Wooden Studs @ 16" O.C -Cut Length 8'-0"	EA	19	0%	19	0.128	$ 55.00	$ 7.04	$ 11.36	$ 18.40	$ 345
430			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 108
431			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
432			**2X6 Exterior Studs Wall (Gb+Sh) (7'-6" H)**	**LF**	**56**	**H**	**8**						
433			**5/8" Gypsum Wall Board**	**SF**	**417**	**10%**	**458**						
434			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	15	0%	15	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 637
435			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	15	0%	15	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 629
436			Sealant	LF	111	10%	122	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 119
437			Tapping	LF	224	10%	246						
438			Joint Compound (Lightweight)	LBs	30	10%	33						
439			Screws	EA	480	0%	480						
440			**7/16" APA Rated Sheathing**	**SF**	**417**	**10%**	**458**						
441			No. of Sheets (4' x 8')	EA	15	0%	15	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 560
442			Nails	EA	1125	0%	1125	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 76
443			Batt Insulation	SF	417	10%	458	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 930
444			2x6 Wooden Studs @ 16" O.C -Cut Length 8'-0"	EA	43	0%	43	0.128	$ 55.00	$ 7.04	$ 11.36	$ 18.40	$ 787
445			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	11	0%	11	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 256
446			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	6	0%	6	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 128
447			**2X6 Exterior Studs Wall (Gb+Sh) (9'-4" H)**	**LF**	**47**	**H**	**9**						
448			**5/8" Gypsum Wall Board**	**SF**	**434**	**10%**	**478**						
449			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	15	0%	15	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 637
450			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	15	0%	15	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 629
451			Sealant	LF	93	10%	102	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 99
452			Tapping	LF	224	10%	246						
453			Joint Compound (Lightweight)	LBs	32	10%	35						
454			Screws	EA	480	0%	480						
455			**7/16" APA Rated Sheathing**	**SF**	**434**	**10%**	**478**						
456			No. of Sheets (4' x 8')	EA	15	0%	15	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 560
457			Nails	EA	1125	0%	1125	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 76
458			Batt Insulation	SF	434	10%	478	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 969
459			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	36	0%	36	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 828
460			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 214
461			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 107
462			**2X6 Exterior Studs Wall (Sh) (8'-6" H)**	**LF**	**24**	**H**	**9**						
463			**7/16" APA Rated Sheathing**	**SF**	**201**	**10%**	**221**						

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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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
464			No. of Sheets (4' x 8')	EA	7	0%	7	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 261
465			Nails	EA	525	0%	525	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 35
466			Batt Insulation	SF	201	10%	221	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 449
467			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	19	0%	19	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 432
468			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 109
469			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
470			**2X6 Exterior Studs Wall (Sh+Sh) (2'-8" H)**	**LF**	**24**	**H**	**3**						
471			**7/16" APA Rated Sheathing**	**SF**	**126**	**10%**	**138**						
472			No. of Sheets (4' x 8')	EA	5	0%	5	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 187
473			Nails	EA	375	0%	375	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 25
474			Batt Insulation	SF	63	10%	69	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 140
475			2x6 Wooden Studs @ 16" O.C -Cut Length 4'-0"	EA	19	0%	19	0.064	$ 55.00	$ 3.52	$ 5.68	$ 9.20	$ 172
476			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 108
477			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
478			**2X6 Exterior Studs Wall (Sh+Sh) (3'-6" H)**	**LF**	**23**	**H**	**4**						
479			**7/16" APA Rated Sheathing**	**SF**	**164**	**10%**	**181**						
480			No. of Sheets (4' x 8')	EA	6	0%	6	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 224
481			Nails	EA	450	0%	450	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 30
482			Batt Insulation	SF	82	10%	90	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 184
483			2x6 Wooden Studs @ 16" O.C -Cut Length 4'-0"	EA	19	0%	19	0.064	$ 55.00	$ 3.52	$ 5.68	$ 9.20	$ 172
484			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 108
485			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
486			**2X6 Exterior Studs Wall (Sh+Sh) (5'-0" H)**	**LF**	**24**	**H**	**5**						
487			**7/16" APA Rated Sheathing**	**SF**	**236**	**10%**	**259**						
488			No. of Sheets (4' x 8')	EA	9	0%	9	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 336
489			Nails	EA	675	0%	675	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 46
490			Batt Insulation	SF	118	10%	130	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 263
491			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	19	0%	19	0.096	$ 55.00	$ 5.28	$ 8.52	$ 13.80	$ 258
492			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 108
493			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
494			**2X6 Exterior Studs Wall (Sh+Sh) (5'-4" H)**	**LF**	**24**	**H**	**5**						
495			**7/16" APA Rated Sheathing**	**SF**	**252**	**10%**	**277**						
496			No. of Sheets (4' x 8')	EA	9	0%	9	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 336
497			Nails	EA	675	0%	675	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 46
498			Batt Insulation	SF	126	10%	138	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 281
499			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	19	0%	19	0.096	$ 55.00	$ 5.28	$ 8.52	$ 13.80	$ 259
500			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 109
501			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 54
502			**2X6 Exterior Wall (11'-2" H)**	**LF**	**87**	**H**	**11**						
503			**5/8" Gypsum Wall Board**	**SF**	**973**	**10%**	**1070**						

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
504			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	34	0%	34	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 1,444
505			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	34	0%	34	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 1,425
506			Sealant	LF	174	10%	192	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 186
507			Tapping	LF	496	10%	546						
508			Joint Compound (Lightweight)	LBs	71	10%	78						
509			Screws	EA	1088	0%	1088						
510			**7/16" APA Rated Sheathing**	**SF**	**973**	**10%**	**1070**						
511			No. of Sheets (4' x 8')	EA	34	0%	34	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 1,268
512			Nails	EA	2550	0%	2550	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 172
513			Batt Insulation	SF	973	10%	1070	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 2,172
514			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	66	0%	66	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 1,835
515			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	17	0%	17	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 401
516			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 200
517			**2X6 Exterior Wall (Gb+Sh) (1'-6" H)**	**LF**	**13**	**H**	**2**						
518			**5/8" Gypsum Wall Board**	**SF**	**20**	**10%**	**22**						
519			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	1	0%	1	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 42
520			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	1	0%	1	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 42
521			Sealant	LF	26	10%	29	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 28
522			Tapping	LF	16	10%	18						
523			Joint Compound (Lightweight)	LBs	1	10%	2						
524			Screws	EA	32	0%	32						
525			**7/16" APA Rated Sheathing**	**SF**	**20**	**10%**	**22**						
526			No. of Sheets (4' x 8')	EA	1	0%	1	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 37
527			Nails	EA	75	0%	75	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 5
528	**A2**	**PLAN NOTES**	Batt Insulation	SF	20	10%	22	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 44
529			2x6 Wooden Studs @ 16" O.C -Cut Length 2'-0"	EA	11	0%	11	0.032	$ 55.00	$ 1.76	$ 2.84	$ 4.60	$ 50
530			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 60
531			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 30
532			**2X6 Exterior Wall (Mr+Sh) (11'-2" H)**	**LF**	**20**	**H**	**11**						
533			**5/8" Gypsum Wall Board**	**SF**	**222**	**10%**	**244**						
534			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	8	0%	8	0.425	$ 55.00	$ 23.38	$ 19.10	$ 42.48	$ 340
535			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	8	0%	8	0.588	$ 55.00	$ 32.34	$ 9.56	$ 41.90	$ 335
536			Sealant	LF	40	10%	44	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 42
537			Tapping	LF	112	10%	123						
538			Joint Compound (Lightweight)	LBs	16	10%	18						
539			Screws	EA	256	0%	256						
540			**7/16" APA Rated Sheathing**	**SF**	**222**	**10%**	**244**						
541			No. of Sheets (4' x 8')	EA	8	0%	8	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 298
542			Nails	EA	600	0%	600	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 41
543			Batt Insulation	SF	222	10%	244	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 496
544			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	16	0%	16	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 440

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
545			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 91
546			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 46
			INTERIOR DRYWALL										
547			**2X4 Partial Height Wall (3'-6" H)**	**LF**	**45**	**H**	**4**						
548			**5/8" Gypsum Wall Board**	**SF**	**318**	**10%**	**349**						
549			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	11	0%	11	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 505
550			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	11	0%	11	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 480
551			Sealant	LF	182	10%	200	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 194
552			Tapping	LF	160	10%	176						
553			Joint Compound (Lightweight)	LBs	23	10%	26						
554			Screws	EA	352	0%	352						
555			Batt Insulation	SF	159	10%	175	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 355
556			2x4 Wooden Studs @ 16" O.C -Cut Length 4'-0"	EA	35	0%	35	0.056	$ 55.00	$ 3.08	$ 4.40	$ 7.48	$ 263
557			2x4 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 170
558			2x4 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 85
559			Partial Laminate Cap -Cut Length 10'-0"	EA	5	0%	5	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 85
560			**2X4 Wooden Studs Wall (11'-2" H)**	**LF**	**11**	**H**	**11**						
561			**5/8" Gypsum Wall Board**	**SF**	**249**	**10%**	**273**						
562			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	9	0%	9	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 413
563			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	9	0%	9	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 393
564			Sealant	LF	45	10%	49	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 48
565			Tapping	LF	128	10%	141						
566			Joint Compound (Lightweight)	LBs	18	10%	20						
567			Screws	EA	288	0%	288						
568			Batt Insulation	SF	124	10%	137	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 278
569			2x4 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	9	0%	9	0.168	$ 55.00	$ 9.24	$ 13.20	$ 22.44	$ 210
570			2x4 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 42
571			2x4 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 21
572			**2X4 Wooden Studs Wall (Mr+Mr) (8'-6" H)**	**LF**	**49**	**H**	**9**						
573			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**839**	**10%**	**923**						
574			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	29	0%	29	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 1,546
575			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	29	0%	29	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 1,266
576			Sealant	LF	197	10%	217	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 211
577			Tapping	LF	432	10%	475						
578			Joint Compound (Lightweight)	LBs	61	10%	67						
579			Screws	EA	928	0%	928						
580			Batt Insulation	SF	419	10%	461	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 937
581			2x4 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	38	0%	38	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 713

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
582			2x4 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	10	0%	10	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 185
583			2x4 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.140	$ 55.00	$ 7.70	$ 11.00	$ 18.70	$ 92
584			**2X6 Wooden Studs Wall (10'-6" H)**	**LF**	**41**	**H**	**11**						
585			**5/8" Gypsum Wall Board**	**SF**	**870**	**10%**	**957**						
586			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	30	0%	30	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 1,378
587			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	30	0%	30	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 1,310
588			Sealant	LF	166	10%	182	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 177
589			Tapping	LF	448	10%	493						
590			Joint Compound (Lightweight)	LBs	64	10%	70						
591			Screws	EA	960	0%	960						
592			Batt Insulation	SF	435	10%	479	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 971
593			2x6 Wooden Studs @ 16" O.C -Cut Length 12'-0"	EA	32	0%	32	0.192	$ 55.00	$ 10.56	$ 17.04	$ 27.60	$ 887
594			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	8	0%	8	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 191
595			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 95
596			**2X6 Wooden Studs Wall (Gb+Mr) (8'-6" H)**	**LF**	**5**	**H**	**9**						
597			**5/8" Gypsum Wall Board**	**SF**	**42**	**10%**	**47**						
598			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	2	0%	2	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 92
599			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	2	0%	2	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 87
600			Sealant	LF	10	10%	11	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 11
601			Tapping	LF	32	10%	35						
602			Joint Compound (Lightweight)	LBs	3	10%	3						
603			Screws	EA	64	0%	64						
604			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**42**	**10%**	**47**						
605			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	2	0%	2	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 107
606			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	2	0%	2	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 87
607			Sealant	LF	10	10%	11	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 11
608			Tapping	LF	32	10%	35						
609			Joint Compound (Lightweight)	LBs	3	10%	3						
610			Screws	EA	64	0%	64						
611			Batt Insulation	SF	42	10%	47	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 95
612			2x6 Wooden Studs @ 16" O.C -Cut Length 10'-0"	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 109
613			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 23
614			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	0	0%	0	0.160	$ 55.00	$ 8.80	$ 14.20	$ 23.00	$ 11
615			**3-5/8" Metal Stud Wall (8'-6" H)**	**LF**	**10**	**H**	**9**						
616			**5/8" Gypsum Wall Board**	**SF**	**169**	**10%**	**186**						
617			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	6	0%	6	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 276
618			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	6	0%	6	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 262

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
619			Sealant	LF	40	10%	44	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 43
620			Tapping	LF	96	10%	106						
621			Joint Compound (Lightweight)	LBs	12	10%	14						
622			Screws	EA	192	0%	192						
623			Batt Insulation	SF	85	10%	93	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 189
624			3-5/8" Metal Studs @ 16" O.C -Cut Length 8'-6"	EA	8	0%	8	0.136	$ 55.00	$ 7.48	$ 12.33	$ 19.81	$ 168
625			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 23
626			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 23
627			**3-5/8" Metal Stud Wall (10'-0" H)**	**LF**	**37**	**H**	**10**						
628			**5/8" Gypsum Wall Board**	**SF**	**733**	**10%**	**806**						
629			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	26	0%	26	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 1,194
630			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	26	0%	26	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 1,135
631			Sealant	LF	147	10%	161	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 156
632			Tapping	LF	368	10%	405						
633			Joint Compound (Lightweight)	LBs	53	10%	59						
634			Screws	EA	832	0%	832						
635			Batt Insulation	SF	366	10%	403	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 818
636			3-5/8" Metal Studs @ 16" O.C -Cut Length 10'-0"	EA	29	0%	29	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 665
637			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 85
638			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 85
639			**3-5/8" Metal Stud Wall (10'-6" H)**	**LF**	**9**	**H**	**11**						
640			**5/8" Gypsum Wall Board**	**SF**	**194**	**10%**	**214**						
641			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 322
642			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 306
643			Sealant	LF	37	10%	41	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 40
644			Tapping	LF	112	10%	123						
645			Joint Compound (Lightweight)	LBs	14	10%	16						
646			Screws	EA	224	0%	224						
647			Batt Insulation	SF	97	10%	107	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 217
648			3-5/8" Metal Studs @ 16" O.C -Cut Length 10'-6"	EA	8	0%	8	0.168	$ 55.00	$ 9.24	$ 15.23	$ 24.47	$ 195
649			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 22
650			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 22
651			**3-5/8" Metal Stud Wall (Gb+Mr) (8'-6" H)**	**LF**	**22**	**H**	**9**						
652			**5/8" Gypsum Wall Board**	**SF**	**187**	**10%**	**205**						
653			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 322
654			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 306
655			Sealant	LF	44	10%	48	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 47
656			Tapping	LF	96	10%	106						
657			Joint Compound (Lightweight)	LBs	14	10%	15						

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
658			Screws	EA	224	0%	224						
659			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**187**	**10%**	**205**						
660			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 373
661			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 306
662			Sealant	LF	44	10%	48	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 47
663			Tapping	LF	96	10%	106						
664			Joint Compound (Lightweight)	LBs	14	10%	15						
665			Screws	EA	224	0%	224						
666			Batt Insulation	SF	187	10%	205	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 417
667			3-5/8" Metal Studs @ 16" O.C -Cut Length 8'-6"	EA	18	0%	18	0.136	$ 55.00	$ 7.48	$ 12.33	$ 19.81	$ 347
668			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 51
669			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 51
670			**3-5/8" Metal Stud Wall (Gb+Mr) (10'-0" H)**	**LF**	**59**	**H**	**10**						
671			**5/8" Gypsum Wall Board**	**SF**	**590**	**10%**	**649**						
672			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	21	0%	21	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 965
673			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	21	0%	21	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 917
674			Sealant	LF	118	10%	130	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 126
675			Tapping	LF	304	10%	334						
676			Joint Compound (Lightweight)	LBs	43	10%	47						
677			Screws	EA	672	0%	672						
678			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**590**	**10%**	**649**						
679			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	21	0%	21	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 1,120
680			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	21	0%	21	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 917
681			Sealant	LF	118	10%	130	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 126
682			Tapping	LF	304	10%	334						
683			Joint Compound (Lightweight)	LBs	43	10%	47						
684			Screws	EA	672	0%	672						
685			Batt Insulation	SF	590	10%	649	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 1,317
686			3-5/8" Metal Studs @ 16" O.C -Cut Length 10'-0"	EA	45	0%	45	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 1,057
687			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	6	0%	6	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 137
688			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	6	0%	6	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 137
689			**3-5/8" Metal Stud Wall (Gb+Mr) (10'-6" H)**	**LF**	**26**	**H**	**11**						
690			**5/8" Gypsum Wall Board**	**SF**	**277**	**10%**	**305**						
691			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	10	0%	10	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 459
692			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	10	0%	10	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 437
693			Sealant	LF	53	10%	58	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 56
694			Tapping	LF	144	10%	158						
695			Joint Compound (Lightweight)	LBs	20	10%	22						
696			Screws	EA	320	0%	320						
697			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**277**	**10%**	**305**						

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
698			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	10	0%	10	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 533
699			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	10	0%	10	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 437
700			Sealant	LF	53	10%	58	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 56
701			Tapping	LF	144	10%	158						
702			Joint Compound (Lightweight)	LBs	20	10%	22						
703			Screws	EA	320	0%	320						
704			Batt Insulation	SF	277	10%	305	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 619
705			3-5/8" Metal Studs @ 16" O.C -Cut Length 10'-6"	EA	21	0%	21	0.168	$ 55.00	$ 9.24	$ 15.23	$ 24.47	$ 510
706			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 62
707			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 62
708			**3-5/8" Metal Stud Wall (Mr+Mr) (8'-6" H)**	**LF**	**109**	**H**	**9**						
709			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**1858**	**10%**	**2044**						
710			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	64	0%	64	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 3,412
711			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	64	0%	64	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 2,794
712			Sealant	LF	437	10%	481	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 467
713			Tapping	LF	944	10%	1038						
714			Joint Compound (Lightweight)	LBs	136	10%	149						
715			Screws	EA	2048	0%	2048						
716			Batt Insulation	SF	929	10%	1022	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 2,075
717			3-5/8" Metal Studs @ 16" O.C -Cut Length 8'-6"	EA	83	0%	83	0.136	$ 55.00	$ 7.48	$ 12.33	$ 19.81	$ 1,648
718			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	11	0%	11	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 255
719			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	11	0%	11	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 255
720			**3-5/8" Full Height Wall (9'-0" H)**	**LF**	**11**	**H**	**9**						
721			**5/8" Gypsum Wall Board**	**SF**	**192**	**10%**	**211**						
722			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 322
723			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 306
724			Sealant	LF	43	10%	47	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 46
725			Tapping	LF	112	10%	123						
726			Joint Compound (Lightweight)	LBs	14	10%	15						
727			Screws	EA	224	0%	224						
728			Batt Insulation	SF	96	10%	106	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 214
729			3-5/8" Metal Studs @ 16" O.C -Cut Length 9'-0"	EA	9	0%	9	0.144	$ 55.00	$ 7.92	$ 13.05	$ 20.97	$ 189
730			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 25
731			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 25
732			**3-5/8" Full Height Wall (Gb+Mr) (9'-0" H)**	**LF**	**29**	**H**	**9**						
733			**5/8" Gypsum Wall Board**	**SF**	**258**	**10%**	**284**						
734			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	9	0%	9	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 413

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
735			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	9	0%	9	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 393
736			Sealant	LF	57	10%	63	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 61
737			Tapping	LF	144	10%	158						
738			Joint Compound (Lightweight)	LBs	19	10%	21						
739			Screws	EA	288	0%	288						
740			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**258**	**10%**	**284**						
741			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	9	0%	9	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 480
742			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	9	0%	9	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 393
743			Sealant	LF	57	10%	63	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 61
744			Tapping	LF	144	10%	158						
745			Joint Compound (Lightweight)	LBs	19	10%	21						
746			Screws	EA	288	0%	288						
747			Batt Insulation	SF	258	10%	284	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 576
748			3-5/8" Metal Studs @ 16" O.C -Cut Length 9'-0"	EA	23	0%	23	0.144	$ 55.00	$ 7.92	$ 13.05	$ 20.97	$ 473
749			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 67
750			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	3	0%	3	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 67
751			**3-5/8" Metal Studs Wall (10'-6" H)**	**LF**	**13**	**H**	**11**						
752			**5/8" Gypsum Wall Board**	**SF**	**269**	**10%**	**296**						
753			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	10	0%	10	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 459
754			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	10	0%	10	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 437
755			Sealant	LF	51	10%	56	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 55
756			Tapping	LF	144	10%	158						
757			Joint Compound (Lightweight)	LBs	20	10%	22						
758			Screws	EA	320	0%	320						
759			Batt Insulation	SF	135	10%	148	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 300
760			3-5/8" Metal Studs @ 16" O.C -Cut Length 10'-6"	EA	11	0%	11	0.168	$ 55.00	$ 9.24	$ 15.23	$ 24.47	$ 260
761			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 30
762			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 30
763			**3-5/8" Metal Studs Wall (11'-2" H)**	**LF**	**88**	**H**	**11**						
764			**5/8" Gypsum Wall Board**	**SF**	**1319**	**10%**	**1451**						
765			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	46	0%	46	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 2,113
766			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	46	0%	46	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 2,008
767			Sealant	LF	351	10%	386	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 374
768			Tapping	LF	672	10%	739						
769			Joint Compound (Lightweight)	LBs	96	10%	106						
770			Screws	EA	1472	0%	1472						
771			Batt Insulation	SF	980	10%	1078	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 2,187
772			3-5/8" Metal Studs @ 16" O.C -Cut Length 11'-2"	EA	67	0%	67	0.179	$ 55.00	$ 9.83	$ 16.19	$ 26.02	$ 1,742
773			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 204

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
774			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 204
775			**3-5/8" Metal Studs Wall (12'-11" H) (Retail)**	**LF**	**14**	**H**	**13**						
776			**5/8" Type X Gypsum Wall Board**	**SF**	**369**	**10%**	**406**						
777			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	13	0%	13	0.488	$ 55.00	$ 26.84	$ 28.35	$ 55.19	$ 717
778			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	13	0%	13	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 568
779			Sealant	LF	57	10%	63	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 61
780			Tapping	LF	192	10%	211						
781			Joint Compound (Lightweight)	LBs	27	10%	30						
782			Screws	EA	416	0%	416						
783			Batt Insulation	SF	184	10%	203	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 412
784			3-5/8" Metal Studs @ 16" O.C -Cut Length 12'-11"	EA	12	0%	12	0.207	$ 55.00	$ 11.37	$ 18.73	$ 30.09	$ 353
785			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 33
786			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	1	0%	1	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 33
787			**3-5/8" Metal Studs Wall (Gb+Mr) (11'-2" H)**	**LF**	**18**	**H**	**11**						
788			**5/8" Gypsum Wall Board**	**SF**	**203**	**10%**	**224**						
789			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 322
790			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 306
791			Sealant	LF	36	10%	40	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 39
792			Tapping	LF	112	10%	123						
793			Joint Compound (Lightweight)	LBs	15	10%	16						
794			Screws	EA	224	0%	224						
795			**5/8" Moisture Resistant Gypsum Wall Board**	**SF**	**203**	**10%**	**224**						
796			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	7	0%	7	0.488	$ 55.00	$ 26.84	$ 26.48	$ 53.32	$ 373
797			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	7	0%	7	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 306
798			Sealant	LF	36	10%	40	0.010	$ 55.00	$ 0.55	$ 0.42	$ 0.97	$ 39
799			Tapping	LF	112	10%	123						
800			Joint Compound (Lightweight)	LBs	15	10%	16						
801			Screws	EA	224	0%	224						
802			Batt Insulation	SF	203	10%	224	0.016	$ 55.00	$ 0.88	$ 1.15	$ 2.03	$ 454
803			3-5/8" Metal Studs @ 16" O.C -Cut Length 11'-2"	EA	15	0%	15	0.179	$ 55.00	$ 9.83	$ 16.19	$ 26.02	$ 382
804			3-5/8" Metal Studs Top Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 42
805			3-5/8" Metal Studs Bottom Plate -Cut Length 10'-0" Long	EA	2	0%	2	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 42
			SHEATHING										
806			**7/16" APA Rated Sheathing**	**SF**	**640**	**10%**	**704**						
807			No. of Sheets (4' x 8')	EA	22	0%	22	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 821
808			Nails	EA	1650	0%	1650	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 111
			PARAPET WALL										
809			**2X6 PPT Studs Parapet Wall (SH+SH) (6'-0" H)**	**LF**	**79**	**H**	**6**						
810			**7/16" APA Rated Sheathing**	**SF**	**947**	**10%**	**1042**						
811			No. of Sheets (4' x 8')	EA	33	0%	33	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 1,231

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
812			Nails	EA	2475	0%	2475	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 167
813			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	60	0%	60	0.096	$ 55.00	$ 5.28	$ 8.70	$ 13.98	$ 844
814			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	16	0%	16	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 368
815			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	8	0%	8	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 184
816			2X6 Kicker @ 16" O.C -Cut Length 6'-0"	EA	8	0%	8	0.096	$ 55.00	$ 5.28	$ 8.70	$ 13.98	$ 110
817			**2X6 PPT Studs Parapet Wall (SH+SH) (4'-8" H)**	**LF**	**44**	**H**	**5**						
818			**7/16" APA Rated Sheathing**	**SF**	**410**	**10%**	**451**						
819			No. of Sheets (4' x 8')	EA	15	0%	15	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 560
820			Nails	EA	1125	0%	1125	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 76
821			2x6 Wooden Studs @ 16" O.C -Cut Length 6'-0"	EA	34	0%	34	0.096	$ 55.00	$ 5.28	$ 8.70	$ 13.98	$ 475
822			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	9	0%	9	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 205
823			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	4	0%	4	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 102
824			2X6 Kicker @ 16" O.C -Cut Length 4'-0"	EA	4	0%	4	0.064	$ 55.00	$ 3.52	$ 5.80	$ 9.32	$ 41
825			**2X6 PPT Studs Parapet Wall (SH+SH) (3'-0" H)**	**LF**	**53**	**H**	**3**						
826			**7/16" APA Rated Sheathing**	**SF**	**320**	**10%**	**352**						
827			No. of Sheets (4' x 8')	EA	11	0%	11	0.360	$ 55.00	$ 19.80	$ 17.50	$ 37.30	$ 410
828			Nails	EA	825	0%	825	0.001	$ 55.00	$ 0.03	$ 0.04	$ 0.07	$ 56
829			2x6 Wooden Studs @ 16" O.C -Cut Length 4'-0"	EA	41	0%	41	0.064	$ 55.00	$ 3.52	$ 5.80	$ 9.32	$ 383
830			2x6 Wooden Studs Top Plate -Cut Length 10'-0" Long	EA	11	0%	11	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 248
831			2x6 Wooden Studs Bottom Plate -Cut Length 10'-0" Long	EA	5	0%	5	0.160	$ 55.00	$ 8.80	$ 14.50	$ 23.30	$ 124
832			2X6 Kicker @ 16" O.C -Cut Length 4'-0"	EA	5	0%	5	0.064	$ 55.00	$ 3.52	$ 5.80	$ 9.32	$ 50
			CEILINGS										
			ACOUSTICAL CEILINGS:										
833			Act: 2x4 "Armstrong" '15/16" Prelude XL' Suspended Ceiling Grid W/ Armstrong 'Dune' Second Look II Angled Tegular Acoustic Tiles - Center Ceiling Grid Room Unless Noted Otherwise	SF	2260	10%	2487	0.045	$ 55.00	$ 2.48	$ 4.25	$ 6.73	$ 16,722
			DRYWALL CEILING:										
834			**5/8" Board Ceiling**	**SF**	**338**	**10%**	**371**						
835			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	12	0%	12	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 551
836			Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	12	0%	12	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 524
837			Tapping	LF	264	10%	290						
838			Joint Compound (Lightweight)	LBs	25	10%	27						
839			Screws	EA	576	0%	576						
840			**5/8" Moisture Resistant Gypsum Board Ceiling**	**SF**	**851**	**10%**	**936**						
841			Drywall Hanging & Screws - Sheet Size: 4' x 8'	EA	30	0%	30	0.488	$ 55.00	$ 26.84	$ 19.10	$ 45.94	$ 1,378
842	**A3**	**PLAN NOTES**	Drywall Finishes - Tapping, Mudding - Level-4 Finish	EA	30	0%	30	0.620	$ 55.00	$ 34.10	$ 9.56	$ 43.66	$ 1,310

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
843			Tapping	LF	648	10%	713						
844			Joint Compound (Lightweight)	LBs	62	10%	68						
845			Screws	EA	1440	0%	1440						
			CEILING (BY MANUFACTURER)										
846			Ceiling @ Beer Cave (By Manufacturer)	SF	233	10%	256	0.045	$ 55.00	$ 2.48	$ 2.15	$ 4.63	$ 1,185
847			Ceiling @ Walk In Cooler (By Manufacturer)	SF	427	10%	470	0.045	$ 55.00	$ 2.48	$ 2.15	$ 4.63	$ 2,175
848			Ceiling @ Walk In Freezer (By Manufacturer)	SF	257	10%	282	0.045	$ 55.00	$ 2.48	$ 2.15	$ 4.63	$ 1,305
			WOODEN LATH @ CEILING										
849			2"X2" Wooden Lath @ 4" O.C (638 SF)	LF	1933	10%	2126	0.010	$ 55.00	$ 0.55	$ 0.68	$ 1.23	$ 2,615
			VINYL SOFFIT										
850			Vinyl Soffit @ Entry (Assumed)	SF	105	10%	115	0.020	$ 55.00	$ 1.10	$ 2.25	$ 3.35	$ 386
			GYPSUM BOARD SOFFIT										
851			1'-6" Wide X 2'-8" Deep Gypsum Board Soffit W/ Framing	LF	95	10%	105	0.120	$ 55.00	$ 6.60	$ 7.45	$ 14.05	$ 1,473
852			2'-10" Wide X 2'-8" Deep Gypsum Board Soffit W/ Framing	LF	17	10%	18	0.120	$ 55.00	$ 6.60	$ 13.12	$ 19.72	$ 361
853			3'-0" Wide X 2'-0" Deep Gypsum Board Soffit W/ Framing	LF	40	10%	44	0.140	$ 55.00	$ 7.70	$ 14.76	$ 22.46	$ 991
854			5'-0" Wide X 2'-10" Deep Gypsum Board Soffit W/ Framing	LF	23	10%	26	0.150	$ 55.00	$ 8.25	$ 18.45	$ 26.70	$ 683
			TILING										
			FLOOR TILES:										
855			Tile Flooring	SF	941	10%	1035	0.075	$ 58.00	$ 4.35	$ 7.10	$ 11.45	$ 11,855
			TILE WALL BASE:										
856			4" H. Tile Wall Base	LF	494	10%	543	0.025	$ 58.00	$ 1.45	$ 3.85	$ 5.30	$ 2,880
			FLOORING & WALL BASE										
			SPECIALTY FLOORING										
857			Sealed Concrete	SF	124	10%	137	0.050	$ 58.00	$ 2.90	$ 2.52	$ 5.42	$ 741
	A2.0	Assumed	**RESILIENT FLOORING**										
858			LVT Flooring	SF	6013	10%	6614	0.065	$ 58.00	$ 3.77	$ 3.25	$ 7.02	$ 46,429
			WALL BASE										
859			Vinyl Wall Base	LF	715	10%	787	0.025	$ 58.00	$ 1.45	$ 1.50	$ 2.95	$ 2,322
860			Rubber Wall Base	LF	38	10%	42	0.025	$ 58.00	$ 1.45	$ 1.35	$ 2.80	$ 117
			TRANSTION										
861			LVT To Tile Flooring Transition	LF	19	10%	20	0.030	$ 58.00	$ 1.74	$ 3.25	$ 4.99	$ 102
862			Threshold	LF	9	10%	10	0.045	$ 58.00	$ 2.61	$ 8.64	$ 11.25	$ 110
			PAINTING AND COATING										
			PAINTING:										
			DOOR & FRAME PAINT:										
863			Paint @ Doors - 1 Coat of Primer & 2 Coats of Paint	SF	1187	10%	1306	0.030	$ 40.00	$ 1.20	$ 0.75	$ 1.95	$ 2,546
864	A-2.0	A-2.0	Paint @ Door Frames - 1 Coat of Primer & 2 Coats of Paint	LF	997	10%	1097	0.022	$ 40.00	$ 0.88	$ 0.55	$ 1.43	$ 1,568
			MISC. PAINT:										
865			Paint @ Door Trims - 1 Coat of Primer & 2 Coats of Paint	LF	997	10%	1097	0.022	$ 40.00	$ 0.88	$ 0.55	$ 1.43	$ 1,568
			EXTERIOR FINISH										
			STUCCO										
866	A-5.0	A-5.0	"A" Cement Plaster Smooth Texture w/ Metal Laith	SF	4206	10%	4627	0.125	$ 55.00	$ 6.88	$ 6.25	$ 13.13	$ 60,724

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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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
												SUBTOTAL	$ 309,384
			SPECIALTIES										
			INFORMATION SPECIALTIES										
			SIGNAGES:										
867			TAG-15: Wall Mounted Tactile Exit Signage	EA	2	0%	2	0.380	$ 62.00	$ 23.56	$ 48.95	$ 72.51	$ 145
			FIRE EXTINSTURE										
868			TAG-14: Semi Recessed Fire Extinguisher Cabinet	EA	1	0%	1	1.146	$ 62.00	$ 47.98	$ 119.95	$ 167.93	$ 168
			INTERIOR SPECIALTIES										
			TOILET AND BATH ACCESSORIES										
869			24" Grab Bar	EA	3	0%	3	0.500	$ 62.00	$ 31.00	$ 38.56	$ 69.56	$ 209
870			36" Grab Bar	EA	5	0%	5	0.550	$ 62.00	$ 34.10	$ 47.93	$ 82.03	$ 410
871			40" Grab Bar	EA	4	0%	4	0.570	$ 62.00	$ 35.34	$ 54.65	$ 89.99	$ 360
872			48" Grab Bar	EA	6	0%	6	0.595	$ 62.00	$ 36.89	$ 62.80	$ 99.69	$ 598
873			Toilet Paper Disposal	EA	12	0%	12	0.680	$ 62.00	$ 42.16	$ 126.48	$ 168.64	$ 2,024
874			Tissue Dispenser	EA	6	0%	6	0.450	$ 62.00	$ 27.90	$ 56.45	$ 84.35	$ 506
875			1'-9" x 3'-0" Wall Mirror	EA	7	0%	7	1.050	$ 62.00	$ 65.10	$ 132.45	$ 197.55	$ 1,383
876			Soap Dispenser	EA	3	0%	3	0.400	$ 62.00	$ 24.80	$ 64.99	$ 89.79	$ 269
877			4'-0" x 3'-4" One Side Mirror	EA	1	0%	1	1.650	$ 62.00	$ 102.30	$ 420.21	$ 522.51	$ 523
			PARTITIONS:										
878			5'-0" H Urinal Screen Partion W/ Associated Hardware	LF	11	10%	13	0.750	$ 62.00	$ 46.50	$ 85.95	$ 132.45	$ 1,657
	A2.0	Plane Detail	**SHELVING**										
			LOCKERS										
879			1'-6" x 3'-0" x 6'-0" H. Gondolas/ Display Shelving	EA	20	0%	20	1.450	$ 62.00	$ 89.90	$ 180.00	$ 269.90	$ 5,398
880			1'-6" x 3'-0" x 6'-0" H.Gondolas/ Display Shelving W/ Curved Edge	EA	4	0%	4	1.450	$ 62.00	$ 89.90	$ 180.00	$ 269.90	$ 1,080
881			1'-6" x 5'-0" x 6'-0" H. Gondolas/ Display Shelving	EA	22	0%	22	1.750	$ 62.00	$ 108.50	$ 300.00	$ 408.50	$ 8,987
882			1'-6" x 4'-0" x 6'-0" H. Gondolas/ Display Shelving	EA	4	0%	4	1.750	$ 62.00	$ 108.50	$ 240.00	$ 348.50	$ 1,394
883			1'-6" x 6'-0" H Deep Wire Mesh Storage Shelve	LF	37	10%	41	1.750	$ 62.00	$ 108.50	$ 185.00	$ 293.50	$ 12,046
			Note: The height for shelving was not mentioned. We have assumed the height. Please verify on site										
			MISC.										
884			TAG-13: Wall Mounted Permanent Bicycle Rack For Long Term Storage W/ Ability To Store (2) Bicycles (5 Percent) Per Green Building Standards 5.106.4.1.2	EA	1	0%	1	2.150	$ 62.00	$ 133.30	$ 195.00	$ 328.30	$ 328
885			3" H. Stainless Steel Panel Note: Provided By Hood Vendor	LF	21	10%	23	0.015	$ 62.00	$ 0.93	$ 5.25	$ 6.18	$ 140
			RAILING										
886			1-1/2" Dia Hand Rail	LF	20	10%	22	0.160	$ 62.00	$ 9.92	$ 35.00	$ 44.92	$ 1,001
												SUBTOTAL	$ 38,625
			EQUIPMENT										
			LAUNDARY EQUIPMENT										
887			Washer (Provided By Owner)	EA	1	0%	1	2.150	$ 62.00	$ 133.30	$ -	$ 133.30	$ 133
888			Dryer (Provided By Owner)	EA	1	0%	1	1.750	$ 62.00	$ 108.50	$ -	$ 108.50	$ 109
			VENDOR EQUIPMENT										
889			Icee Machine	EA	2	0%	2	3.450	$ 62.00	$ 213.90	$ 3,566.25	$ 3,780.15	$ 7,560
890			Bev. Display (10)	EA	2	0%	2	3.240	$ 62.00	$ 200.88	$ 2,194.56	$ 2,395.44	$ 4,791

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
891	A2.0	Plane Detail	Preal Mini Bar	EA	1	0%	1	2.480	$ 62.00	$ 153.76	$ 1,055.00	$ 1,208.76	$ 1,209
892			Kitchen Oven	EA	1	0%	1	0.850	$ 62.00	$ 52.70	$ 358.00	$ 410.70	$ 411
893			Griddle	EA	1	0%	1	1.250	$ 62.00	$ 77.50	$ 898.99	$ 976.49	$ 976
894			Kitchen Cooking Range W/ 4 Stove	EA	1	0%	1	1.850	$ 62.00	$ 114.70	$ 1,398.55	$ 1,513.25	$ 1,513
895			1'-6" x 4'-0" Reach In Freezer	EA	2	0%	2	3.140	$ 62.00	$ 194.68	$ 2,399.66	$ 2,594.34	$ 5,189
896			2'-0" x 2'-0" Lotto	EA	1	0%	1	1.500	$ 62.00	$ 93.00	$ 550.00	$ 643.00	$ 643
897			3'-0" Deep 34" H. x 16'-0" L. Accessible Counter	EA	1	0%	1	3.500	$ 62.00	$ 217.00	$ 6,250.00	$ 6,467.00	$ 6,467
898			ATM Machine	EA	1	0%	1	4.000	$ 62.00	$ 248.00	$ 2,850.00	$ 3,098.00	$ 3,098
899			20'-6" W x 2'-9" D Subway Counter W/ Equipment Note: By Equipment Vendor	EA	1	0%	1	8.500	$ 62.00	$ 527.00	$ -	$ 527.00	$ 527
900			16'-10" x 4'-1" Subway Counter W/ Equipment	EA	1	0%	1	4.500	$ 62.00	$ 279.00	$ 8,000.00	$ 8,279.00	$ 8,279
901			Refrigerator	EA	1	0%	1	2.350	$ 62.00	$ 145.70	$ 1,088.00	$ 1,233.70	$ 1,234
902			2'-0" x 6'-0" Counter @ Food Prep	EA	5	0%	5	1.500	$ 62.00	$ 93.00	$ 1,020.00	$ 1,113.00	$ 5,565
903			2'-0" x 4'-0" Counter @ Wash	EA	4	0%	4	1.500	$ 62.00	$ 93.00	$ 680.00	$ 773.00	$ 3,092
			Note: Food equipment details were not provided. We have covered all equipment based on assumptions. Please verify on site.										
												SUBTOTAL	$ 50,796

FURNISHING

			CASEWORK										
			COUNTERTOPS:										
904	A2.0	Plane Detail	Solid Surface Countertop	SF	92	10%	101	0.233	$ 62.00	$ 14.45	$ 85.50	$ 99.95	$ 10,123
905			4" H. Solid Surface Backsplash W/ Side Splash	LF	45	10%	49	0.133	$ 62.00	$ 8.25	$ 26.50	$ 34.75	$ 1,706
			MISC.										
906			TAG-18: Wall Mounted TV Note: Provided By Owner	EA	1	0%	1	2.500	$ 62.00	$ 155.00	$ -	$ 155.00	$ 155
												SUBTOTAL	$ 11,984

SPECIAL CONSTRUCTION

			SPECIAL PURPOSE ROOMS										
			CONTROLLED ENVIRONMENT ROOMS:										
907	A2.0	Plane Detail	Walk In Freezer & Walk In Cooler (140 SF) Wall (57 LF) 3'-0" x 7'-0" Door (2 EA)	EA	1	0%	1	18.500	$ 62.00	$ 1,147.00	$ 32,000.00	$ 33,147.00	$ 33,147
908			Walk In Cooler (330 SF) Insulated Wall (63 LF) 3'-0" x 7'-0" Insulated Door 27'-6" Wide Insulated Door	EA	1	0%	1	25.500	$ 62.00	$ 1,581.00	$ 38,500.00	$ 40,081.00	$ 40,081
909			Beer Cave (2232 SF) Insulated Wall (233 SF) 3'-0" x 7'-0" Insulated Door	EA	1	0%	1	50.500	$ 62.00	$ 3,131.00	$ 98,500.00	$ 101,631.00	$ 101,631
910			Walk In Freezer (215 SF) Insulated Wall (38 LF) 3'-0" x 7'-0" Insulated Door 12'-0" Wide Insulated Door	EA	1	0%	1	22.500	$ 62.00	$ 1,395.00	$ 32,000.00	$ 33,395.00	$ 33,395
												SUBTOTAL	$ 208,254

PLUMBING

			COLD WATER PIPE (ABOVE GRADE)										
			Type "L" Har Drawn Copper Tubing With Leed Free Joints										
911			1/2" Dia Cold Water Pipe	LF	59	10%	65	0.074	$ 75.00	$ 5.57	$ 3.69	$ 9.26	$ 603.54
912			3/4" Dia Cold Water Pipe	LF	126	10%	139	0.079	$ 75.00	$ 5.91	$ 5.40	$ 11.31	$ 1,568.29

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
913			1" Dia Cold Water Pipe	LF	53	10%	59	0.089	$ 75.00	$ 6.64	$ 7.80	$ 14.44	$ 846.95
914			1-1/4" Dia Cold Water Pipe	LF	96	10%	106	0.104	$ 75.00	$ 7.76	$ 10.90	$ 18.66	$ 1,973.22
915			1-1/2" Dia Cold Water Pipe	LF	28	10%	31	0.116	$ 75.00	$ 8.66	$ 13.75	$ 22.41	$ 696.96
916			2" Dia Cold Water Pipe	LF	59	10%	65	0.143	$ 75.00	$ 10.69	$ 22.00	$ 32.69	$ 2,111.35
917			2-1/2" Dia Cold Water Pipe	LF	131	10%	144	0.194	$ 75.00	$ 14.51	$ 34.50	$ 49.01	$ 7,040.06
			1-1/2" Thick, Foam Pipe Insulation (Assumed)										
918			1/2" Dia Cold Water Pipe	LF	59	10%	65	0.065	$ 75.00	$ 4.88	$ 4.47	$ 9.35	$ 609.16
919			3/4" Dia Cold Water Pipe	LF	126	10%	139	0.068	$ 75.00	$ 5.10	$ 4.48	$ 9.58	$ 1,328.84
920			1" Dia Cold Water Pipe	LF	53	10%	59	0.070	$ 75.00	$ 5.25	$ 4.80	$ 10.05	$ 589.56
921			1-1/4" Dia Cold Water Pipe	LF	96	10%	106	0.072	$ 75.00	$ 5.40	$ 5.23	$ 10.63	$ 1,123.93
922			1-1/2" Dia Cold Water Pipe	LF	28	10%	31	0.075	$ 75.00	$ 5.63	$ 5.46	$ 11.09	$ 344.71
923			2" Dia Cold Water Pipe	LF	59	10%	65	0.078	$ 75.00	$ 5.85	$ 6.07	$ 11.92	$ 769.94
924			2-1/2" Dia Cold Water Pipe	LF	131	10%	144	0.085	$ 75.00	$ 6.38	$ 6.46	$ 12.84	$ 1,843.59
			COLD WATER PIPE FITTINGS										
			ELBOW										
925			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	14	0%	14	0.300	$ 75.00	$ 22.50	$ 2.49	$ 24.99	$ 349.86
926			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	23	0%	23	0.316	$ 75.00	$ 23.68	$ 5.40	$ 29.08	$ 668.87
927			1" Dia Cold Water Pipe 90 Deg Elbow	EA	9	0%	9	0.375	$ 75.00	$ 28.13	$ 13.45	$ 41.58	$ 374.18
928			1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	15	0%	15	0.400	$ 75.00	$ 29.98	$ 19.95	$ 49.93	$ 748.97
929			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	0.461	$ 75.00	$ 34.59	$ 31.00	$ 65.59	$ 65.59
930			2" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	0.545	$ 75.00	$ 40.89	$ 56.50	$ 97.39	$ 194.79
931			2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	0.923	$ 75.00	$ 69.24	$ 103.00	$ 172.24	$ 172.24
			TEE										
932			1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.461	$ 75.00	$ 34.59	$ 4.12	$ 38.71	$ 38.71
933			3/4" Dia Cold Water Pipe Tee	EA	4	0%	4	0.500	$ 75.00	$ 37.52	$ 14.25	$ 51.77	$ 207.08
934			1" Dia Cold Water Pipe Tee	EA	5	0%	5	0.600	$ 75.00	$ 45.00	$ 26.00	$ 71.00	$ 355.00
935			1-1/4" Dia Cold Water Pipe Tee	EA	4	0%	4	0.667	$ 75.00	$ 50.01	$ 41.50	$ 91.51	$ 366.03
936			1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.750	$ 75.00	$ 56.25	$ 63.00	$ 119.25	$ 119.25
937			2" Dia Cold Water Pipe Tee	EA	2	0%	2	0.857	$ 75.00	$ 64.29	$ 100.00	$ 164.29	$ 328.59
938			2-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 296.50
939			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	0.500	$ 75.00	$ 37.52	$ 14.25	$ 51.77	$ 207.08
940			1" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.600	$ 75.00	$ 45.00	$ 26.00	$ 71.00	$ 71.00
941			1-1/4" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.667	$ 75.00	$ 50.01	$ 41.50	$ 91.51	$ 91.51
942			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.750	$ 75.00	$ 56.25	$ 63.00	$ 119.25	$ 119.25
943			1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.857	$ 75.00	$ 64.29	$ 100.00	$ 164.29	$ 164.29
944			2" / 1" Dia Cold Water Pipe Tee	EA	4	0%	4	0.857	$ 75.00	$ 64.29	$ 100.00	$ 164.29	$ 657.18
945			2-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 593.00
946			2-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	4	0%	4	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 1,186.00
947			2-1/2" / 1" Dia Cold Water Pipe Tee	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 296.50
948			2-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	4	0%	4	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 1,186.00
949			2-1/2" / 1-1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 593.00
950			2-1/2" / 2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 184.00	$ 296.50	$ 296.50
			REDUCER										
951			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.500	$ 75.00	$ 37.52	$ 20.00	$ 57.52	$ 115.04
952			1" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.600	$ 75.00	$ 45.00	$ 34.00	$ 79.00	$ 158.00
953			1-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.750	$ 75.00	$ 56.25	$ 86.00	$ 142.25	$ 284.50
954			1-1/2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.750	$ 75.00	$ 56.25	$ 86.00	$ 142.25	$ 142.25
955			2" / 1" Dia Cold Water Pipe Reducer	EA	3	0%	3	0.857	$ 75.00	$ 64.29	$ 149.80	$ 214.09	$ 642.28
956			2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.857	$ 75.00	$ 64.29	$ 149.80	$ 214.09	$ 214.09
957			2-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 413.55	$ 526.05	$ 526.05
958			2-1/2" / 2" Dia Cold Water Pipe Reducer	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 413.55	$ 526.05	$ 526.05
			HOT WATER PIPE (ABOVE GRADE)										
			Type "L" Har Drawn Copper Tubing With Leed Free Joints										
959			3/4" Dia Hot Water Pipe	LF	75	10%	83	0.079	$ 75.00	$ 5.91	$ 5.40	$ 11.31	$ 937.24
960			1/2" Dia Hot Water Pipe	LF	63	10%	69	0.074	$ 75.00	$ 5.57	$ 3.69	$ 9.26	$ 639.59
961			1" Dia Hot Water Pipe	LF	39	10%	43	0.089	$ 75.00	$ 6.64	$ 7.80	$ 14.44	$ 624.29
962			1-1/4" Dia Hot Water Pipe	LF	226	10%	249	0.104	$ 75.00	$ 7.76	$ 10.90	$ 18.66	$ 4,639.50
			1-1/2" Thick, Foam Pipe Insulation										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
963			3/4" Dia Hot Water Pipe	LF	75	10%	83	0.068	$ 75.00	$ 5.10	$ 4.48	$ 9.58	$ 794.14
964			1/2" Dia Hot Water Pipe	LF	63	10%	69	0.065	$ 75.00	$ 4.88	$ 4.47	$ 9.35	$ 645.55
965			1" Dia Hot Water Pipe	LF	39	10%	43	0.070	$ 75.00	$ 5.25	$ 4.80	$ 10.05	$ 434.57
966			1-1/4" Dia Hot Water Pipe	LF	226	10%	249	0.072	$ 75.00	$ 5.40	$ 5.23	$ 10.63	$ 2,642.62
			HOT WATER PIPE FITTINGS										
			ELBOW										
967			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	15	0%	15	0.300	$ 75.00	$ 22.50	$ 2.49	$ 24.99	$ 374.85
968			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	16	0%	16	0.316	$ 75.00	$ 23.68	$ 5.40	$ 29.08	$ 465.30
969			1" Dia Hot Water Pipe 90 Deg Elbow	EA	1	0%	1	0.375	$ 75.00	$ 28.13	$ 13.45	$ 41.58	$ 41.58
970			1-1/4" Dia Hot Water Pipe 90 Deg Elbow	EA	9	0%	9	0.400	$ 75.00	$ 29.98	$ 19.95	$ 49.93	$ 449.38
			TEE										
971			1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	0.461	$ 75.00	$ 34.59	$ 4.12	$ 38.71	$ 38.71
972			1-1/4" Dia Hot Water Pipe Tee	EA	1	0%	1	0.667	$ 75.00	$ 50.01	$ 41.50	$ 91.51	$ 91.51
973			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	0.500	$ 75.00	$ 37.52	$ 14.25	$ 51.77	$ 103.54
974			1" / 1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	0.600	$ 75.00	$ 45.00	$ 26.00	$ 71.00	$ 142.00
975			1-1/4" / 1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	0.667	$ 75.00	$ 50.01	$ 41.50	$ 91.51	$ 183.01
976			1-1/4" / 3/4" Dia Hot Water Pipe Tee	EA	6	0%	6	0.667	$ 75.00	$ 50.01	$ 41.50	$ 91.51	$ 549.04
			REDUCER										
977			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.500	$ 75.00	$ 37.52	$ 20.00	$ 57.52	$ 115.04
978			1-1/4" / 3/4" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.667	$ 75.00	$ 50.01	$ 57.00	$ 107.01	$ 107.01
979			1-1/4" / 1" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.667	$ 75.00	$ 50.01	$ 57.00	$ 107.01	$ 107.01
			HOT WATER RETURN PIPE (ABOVE GRADE)										
			Type "L" Har Drawn Copper Tubing With Leed Free Joints										
980			3/4" Dia Hot Water Return Pipe	LF	102	10%	113	0.079	$ 75.00	$ 5.91	$ 5.40	$ 11.31	$ 1,272.04
			1-1/2" Thick, Foam Pipe Insulation										
981			3/4" Dia Hot Water Return Pipe	LF	102	10%	113	0.068	$ 75.00	$ 5.10	$ 4.48	$ 9.58	$ 1,077.83
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
982			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	6	0%	6	0.316	$ 75.00	$ 23.68	$ 5.40	$ 29.08	$ 174.49
			REDUCER										
983			1-1/4" / 3/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.667	$ 75.00	$ 50.01	$ 57.00	$ 107.01	$ 107.01
984			1" / 3/4" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.600	$ 75.00	$ 45.00	$ 34.00	$ 79.00	$ 79.00
			TRAP PRIMER PIPE (BELOW GRADE)										
			Type "L" Har Drawn Copper Tubing With Leed Free Joints (Assumed)										
985			1/2" Dia Trap Primer Pipe	LF	61	10%	67	0.074	$ 75.00	$ 5.57	$ 3.69	$ 9.26	$ 621.16
			TRAP PRIMER PIPE FITTINGS										
			ELBOW										
986			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	9	0%	9	0.300	$ 75.00	$ 22.50	$ 2.49	$ 24.99	$ 224.91
			WASTE PIPE (BELOW GRADE)										
			Schedule 40, PVC Pipe With Fittings										
987			2" Dia Waste Pipe	LF	263	10%	290	0.203	$ 75.00	$ 15.24	$ 2.19	$ 17.43	$ 5,051.25
988			3" Dia Waste Pipe	LF	74	10%	82	0.227	$ 75.00	$ 16.99	$ 3.67	$ 20.66	$ 1,690.38
989			4" Dia Waste Pipe	LF	293	10%	322	0.250	$ 75.00	$ 18.73	$ 5.96	$ 24.69	$ 7,955.82
			WASTE PIPE FITTINGS										
			ELBOW										
990			2" Dia Waste Pipe 45 Deg Elbow	EA	51	0%	51	0.330	$ 75.00	$ 24.75	$ 3.08	$ 27.83	$ 1,419.33
991			3" Dia Waste Pipe 45 Deg Elbow	EA	18	0%	18	0.524	$ 75.00	$ 39.32	$ 12.20	$ 51.52	$ 927.34
992			4" Dia Waste Pipe 45 Deg Elbow	EA	3	0%	3	0.659	$ 75.00	$ 49.44	$ 22.50	$ 71.94	$ 215.83
993			2" Dia Waste Pipe 90 Deg Elbow	EA	26	0%	26	0.330	$ 75.00	$ 24.75	$ 2.80	$ 27.55	$ 716.30
994			3" Dia Waste Pipe 90 Deg Elbow	EA	13	0%	13	0.524	$ 75.00	$ 39.32	$ 9.55	$ 48.87	$ 635.29
995			4" Dia Waste Pipe 90 Deg Elbow	EA	6	0%	6	0.659	$ 75.00	$ 49.44	$ 17.10	$ 66.54	$ 399.26
			WYE										
996			2" Dia Waste Pipe Wye	EA	36	0%	36	0.496	$ 75.00	$ 37.18	$ 3.52	$ 40.70	$ 1,465.25
997			3" Dia Waste Pipe Wye	EA	13	0%	13	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 926.01
998			4" Dia Waste Pipe Wye	EA	5	0%	5	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 499.31
999			3" / 2" Dia Waste Pipe Wye	EA	1	0%	1	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 71.23

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1000	P2.0, P3.0, P4.0, P5.0 & P7.0	AS PER PLUMBING PLANS	4" / 2" Dia Waste Pipe Wye	EA	17	0%	17	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 1,697.66
1001			4" / 3" Dia Waste Pipe Wye	EA	14	0%	14	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 1,398.08
1002			4" Dia Waste Pipe Double Wye	EA	1	0%	1	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 99.86
			REDUCER										
1003			3" / 2" Dia Waste Pipe Reducer	EA	13	0%	13	0.450	$ 75.00	$ 33.75	$ 7.36	$ 41.11	$ 534.43
			GREASE WASTE PIPE (BELOW GRADE)										
			Schedule 40, PVC Pipe With Fittings										
1004			2" Dia Grease Waste Pipe	LF	40	10%	44	0.203	$ 75.00	$ 15.24	$ 2.19	$ 17.43	$ 760.95
1005			3" Dia Grease Waste Pipe	LF	63	10%	69	0.227	$ 75.00	$ 16.99	$ 3.67	$ 20.66	$ 1,425.43
1006			4" Dia Grease Waste Pipe	LF	64	10%	70	0.250	$ 75.00	$ 18.73	$ 5.96	$ 24.69	$ 1,737.72
			GREASE WASTE PIPE FITTINGS										
			ELBOW										
1007			2" Dia Grease Waste Pipe 90 Deg Elbow	EA	5	0%	5	0.330	$ 75.00	$ 24.75	$ 2.80	$ 27.55	$ 137.75
1008			3" Dia Grease Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.524	$ 75.00	$ 39.32	$ 9.55	$ 48.87	$ 146.61
1009			2" Dia Grease Waste Pipe 45 Deg Elbow	EA	5	0%	5	0.496	$ 75.00	$ 37.18	$ 3.52	$ 40.70	$ 203.51
1010			3" Dia Grease Waste Pipe 45 Deg Elbow	EA	4	0%	4	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 284.93
			WYE										
1011			2" Dia Grease Waste Pipe Wye	EA	5	0%	5	0.496	$ 75.00	$ 37.18	$ 3.52	$ 40.70	$ 203.51
1012			3" Dia Grease Waste Pipe Wye	EA	2	0%	2	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 142.46
1013			4" Dia Grease Waste Pipe Wye	EA	3	0%	3	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 299.59
1014			3" / 2" Dia Grease Waste Pipe Wye	EA	2	0%	2	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 142.46
1015			4" / 2" Dia Grease Waste Pipe Wye	EA	3	0%	3	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 299.59
1016			4" / 3" Dia Grease Waste Pipe Wye	EA	2	0%	2	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 199.73
			REDUCER										
1017			3" / 2" Dia Grease Waste Pipe Reducer	EA	2	0%	2	0.450	$ 75.00	$ 33.75	$ 7.36	$ 41.11	$ 82.22
1018			4" / 3" Dia Grease Waste Pipe Reducer	EA	1	0%	1	0.600	$ 75.00	$ 45.00	$ 10.35	$ 55.35	$ 55.35
			VENT PIPE (ABOVE GRADE)										
			Schedule 40, PVC Pipe With Fittings										
1019			2" Dia Vent Pipe	LF	553	10%	609	0.203	$ 75.00	$ 15.24	$ 2.19	$ 17.43	$ 10,610.51
1020			2-1/2" Dia Vent Pipe	LF	39	10%	43	0.215	$ 75.00	$ 16.09	$ 2.45	$ 18.54	$ 801.38
1021			3" Dia Vent Pipe	LF	92	10%	101	0.227	$ 75.00	$ 16.99	$ 3.67	$ 20.66	$ 2,084.86
1022			4" Dia Vent Pipe	LF	11	10%	12	0.250	$ 75.00	$ 18.73	$ 5.96	$ 24.69	$ 293.88
			VENT PIPE FITTINGS										
			ELBOW										
1023			2" Dia Vent Pipe 90 Deg Elbow	EA	51	0%	51	0.330	$ 75.00	$ 24.75	$ 2.80	$ 27.55	$ 1,405.05
1024			2-1/2" Dia Vent Pipe 90 Deg Elbow	EA	2	0%	2	0.419	$ 75.00	$ 31.44	$ 8.00	$ 39.44	$ 78.89
1025			3" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	0.524	$ 75.00	$ 39.32	$ 9.55	$ 48.87	$ 146.61
1026			2" Dia Vent Pipe 45 Deg Elbow	EA	17	0%	17	0.330	$ 75.00	$ 24.75	$ 3.08	$ 27.83	$ 473.11
1027			2-1/2" Dia Vent Pipe 45 Deg Elbow	EA	3	0%	3	0.419	$ 75.00	$ 31.44	$ 8.00	$ 39.44	$ 118.33
			TEE										
1028			2" Dia Vent Pipe Tee	EA	19	0%	19	0.496	$ 75.00	$ 37.18	$ 3.52	$ 40.70	$ 773.32
1029			3" Dia Vent Pipe Tee	EA	2	0%	2	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 142.46
1030			2-1/2" Dia Vent Pipe Tee	EA	1	0%	1	0.674	$ 75.00	$ 50.57	$ 10.55	$ 61.12	$ 61.12
1031			2-1/2" / 2" Dia Vent Pipe Tee	EA	11	0%	11	0.674	$ 75.00	$ 50.57	$ 10.55	$ 61.12	$ 672.31
1032			3" / 2" Dia Vent Pipe Tee	EA	6	0%	6	0.790	$ 75.00	$ 59.23	$ 12.00	$ 71.23	$ 427.39
1033			4" / 2" Dia Vent Pipe Tee	EA	1	0%	1	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 99.86
1034			4" / 3" Dia Vent Pipe Tee	EA	1	0%	1	0.992	$ 75.00	$ 74.36	$ 25.50	$ 99.86	$ 99.86
			REDUCER										
1035			2-1/2" / 2" Dia Vent Pipe Reducer	EA	5	0%	5	0.310	$ 75.00	$ 23.25	$ 2.02	$ 25.27	$ 126.35
1036			3" / 2" Dia Vent Pipe Reducer	EA	2	0%	2	0.450	$ 75.00	$ 33.75	$ 7.36	$ 41.11	$ 82.22
1037			3" / 2-1/2" Dia Vent Pipe Reducer	EA	4	0%	4	0.450	$ 75.00	$ 33.75	$ 7.36	$ 41.11	$ 164.44
1038			4" / 3" Dia Vent Pipe Reducer	EA	1	0%	1	0.600	$ 75.00	$ 45.00	$ 10.35	$ 55.35	$ 55.35
			STORM DRAIN PIPE (ABOVE GRADE)										
			Schedule 40, PVC Pipe With Fittings (Assumed)										
1039			4" Dia Storm Drain Pipe	LF	30	10%	33	0.250	$ 75.00	$ 18.73	$ 5.96	$ 24.69	$ 814.81
			STORM DRAIN PIPE FITTINGS										
			ELBOW										
1040			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.659	$ 75.00	$ 49.44	$ 17.10	$ 66.54	$ 266.18
			OVERFLOW DRAIN PIPE (ABOVE GRADE)										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			Schedule 40, PVC Pipe With Fittings (Assumed)										
1041			4" Dia Overflow Storm Drain Pipe	LF	13	10%	14	0.250	$ 75.00	$ 18.73	$ 5.96	$ 24.69	$ 353.08
			OVERFLOW DRAIN PIPE FITTINGS										
			ELBOW										
1042			4" Dia Overflow Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.659	$ 75.00	$ 49.44	$ 17.10	$ 66.54	$ 266.18
			CONDENSATE DRAIN PIPE (ABOVE GRADE)										
			Type "M" Hard Drawn Copper Tubing With Fittings										
1043			1" Dia Condensate Drain Pipe	LF	260	10%	286	0.086	$ 75.00	$ 6.41	$ 6.60	$ 13.01	$ 3,725.01
			1-1/2" Thick, Foam Insulation (Assumed)										
1044			1" Dia Condensate Drain Pipe	LF	260	10%	286	0.070	$ 75.00	$ 5.25	$ 4.80	$ 10.05	$ 2,876.95
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
1045			1" Dia Condensate Drain Pipe 90 Deg Elbow	EA	23	0%	23	0.375	$ 75.00	$ 28.13	$ 13.45	$ 41.58	$ 956.23
			TEE										
1046			1" Dia Condensate Drain Pipe Tee	EA	1	0%	1	0.600	$ 72.00	$ 43.20	$ 26.00	$ 69.20	$ 69.20
			DRAIN PIPE (ABOVE GRADE)										
			Type "M" Hard Drawn Copper Tubing With Fittings (Assumed)										
1047			1" Dia Drain Pipe	LF	37	10%	40	0.086	$ 75.00	$ 6.41	$ 6.60	$ 13.01	$ 526.89
			DRAIN PIPE FITTINGS										
			ELBOW										
1048			1" Dia Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.070	$ 75.00	$ 5.25	$ 4.80	$ 10.05	$ 40.20
			GAS PIPE (ABOVE GRADE)										
			Schedule 40, Black Steel Pipe With Fittings										
1049			1-1/4" Dia Gas Pipe	LF	40	10%	44	0.135	$ 75.00	$ 10.13	$ 13.25	$ 23.38	$ 1,024.39
1050			1-1/2" Dia Gas Pipe	LF	58	10%	64	0.150	$ 75.00	$ 11.25	$ 15.70	$ 26.95	$ 1,731.27
1051			2-1/2" Dia Gas Pipe	LF	130	10%	143	0.240	$ 75.00	$ 18.00	$ 35.00	$ 53.00	$ 7,563.26
			GAS PIPE FITTINGS										
			ELBOW										
1052			1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	5	0%	5	0.545	$ 75.00	$ 40.89	$ 8.35	$ 49.24	$ 246.22
1053			2-1/2" Dia Gas Pipe 90 Deg Elbow	EA	6	0%	6	0.857	$ 75.00	$ 64.29	$ 43.50	$ 107.79	$ 646.76
			TEE										
1054			2-1/2" Dia Gas Pipe Tee	EA	7	0%	7	1.334	$ 75.00	$ 100.01	$ 162.00	$ 262.01	$ 1,834.09
1055			1-1/2" / 1-1/4" Dia Gas Pipe Tee	EA	1	0%	1	0.923	$ 75.00	$ 69.24	$ 45.00	$ 114.24	$ 114.24
1056			2-1/2" / 1-1/2" Dia Gas Pipe Tee	EA	1	0%	1	1.334	$ 75.00	$ 100.01	$ 162.00	$ 262.01	$ 262.01
			REDUCER										
1057			1-1/2" / 1-1/4" Dia Gas Pipe Reducer	EA	1	0%	1	0.273	$ 75.00	$ 20.48	$ 1.19	$ 21.67	$ 21.67
			PLUMBING FIXTURES										
1058			KS-1, Sink, **(Selected By Kitchen Equipment Designer) (Plumbing Contractor Shall Coordinate All Requirements Rough-In And Install)**	EA	1	0%	1	4.200	$ 75.00	$ 315.00	$ 747.57	$ 1,062.57	$ 1,062.57
1059			2" Dia FS-1: Floor Sink: JR SMITH #3100-Y ACID, Resistant Coated Floor Si	EA	6	0%	6	2.850	$ 75.00	$ 213.75	$ 730.00	$ 943.75	$ 5,662.50
1060			3" Dia FS-2: Floor Sink: JR SMITH #3100-Y ACID, Resistant Coated Floor Si	EA	2	0%	2	2.900	$ 75.00	$ 217.50	$ 790.86	$ 1,008.36	$ 2,016.72
1061			HS-1, Hand Sink, **(Selected By Kitchen Equipment Designer) (Plumbing Contractor Shall Coordinate All Requirements Rough-In And Install)**	EA	1	0%	1	4.500	$ 75.00	$ 337.50	$ 819.00	$ 1,156.50	$ 1,156.50
1062			L-1, Lavatory, KOHLER BRENHAM Single Hole-CHICAGO 0.4 GPM @ 60PSI Self Closing Metering Faucet JR SMITH Wall Hanger Strainer Drain Angle Wall Stop Thermostatic Mixing Valve	EA	3	0%	3	5.120	$ 75.00	$ 384.00	$ 1,590.57	$ 1,974.57	$ 5,923.71
1063			L-2, Lavatory, KOHLER CAXTON Single Hole-CHICAGO #116-222-AB 1 Deck Mounted Battery Opt Faucet	EA	4	0%	4	5.750	$ 75.00	$ 431.25	$ 2,215.13	$ 2,646.38	$ 10,585.52
1064			PS-1, Prep Sink, **(Selected By Kitchen Equipment Designer) (Plumbing Contractor Shall Coordinate All Requirements Rough-In And Install)**	EA	1	0%	1	4.200	$ 75.00	$ 315.00	$ 747.57	$ 1,062.57	$ 1,062.57
1065			SH-1: Shower **(Schedule Not Given)**	EA	3	0%	3	3.500	$ 75.00	$ 262.50	$ 490.91	$ 753.41	$ 2,260.23

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1066			SS-1: Service Sink: KOHLER, 30"x30" Floor Mounted Service Sink Enameled Cast Iron Wall Mount Faucet W/ Approved Vacuum Breaker, Top Brace, 3/4" Hose Connection Strainer W/Socket Vinyl-Coated Rim Guard 'P' Trap	EA	1	0%	1	5.600	$ 75.00	$ 420.00	$ 1,714.10	$ 2,134.10	$ 2,134.10
1067			UR-1, Urinal, KOHLER BARDON 3/4" T, Sta-t	EA	4	0%	4	3.750	$ 75.00	$ 281.25	$ 538.24	$ 819.49	$ 3,277.96
1068			UR-2, Urinal, KOHLER BARDON 3/4" T, Sta-t	EA	1	0%	1	3.750	$ 75.00	$ 281.25	$ 538.24	$ 819.49	$ 819.49
1069			WC-1, Water Closet, KOHLER HIGHLINE TOILET Siphon Jet Action SLOAN ROYAL Flush Valve #111 OLSONITE	EA	4	0%	4	3.250	$ 75.00	$ 243.75	$ 459.68	$ 703.43	$ 2,813.72
1070			WC-2, Water Closet, KOHLER WELLWORTH TOILET Siphon Jet Action SLOAN ROYAL Flush Valve #111 OLSONITE	EA	8	0%	8	3.250	$ 75.00	$ 243.75	$ 459.68	$ 703.43	$ 5,627.44
			WATER HEATER										
1071			WH-1: Water Heater: BRADFORD WHITE EF SERIES, 60 Gal. Capacity-125,000 BTUH Natural Gas Input Dual Wall Flue Watts Pressure Relief Valve Tank Shall Have At East One Extruded Magnesium Anode Rod - Installation Shall Be In Compliance With State And Local Codes And Ordinances	EA	2	0%	2	15.000	$ 75.00	$ 1,125.00	$ 8,274.48	$ 9,399.48	$ 18,798.96
			WATER HEATER DETAIL										
1072			Aquastat	EA	2	0%	2	0.910	$ 75.00	$ 68.25	$ 110.00	$ 178.25	$ 356.50
1073			Thermometer	EA	2	0%	2	0.590	$ 75.00	$ 44.25	$ 60.00	$ 104.25	$ 208.50
1074			Expansion Tank, AMTROL, 5 Gallons	EA	2	0%	2	1.254	$ 75.00	$ 94.05	$ 261.65	$ 355.70	$ 711.40
1075			Circulation Pump	EA	2	0%	2	2.200	$ 75.00	$ 165.00	$ 449.45	$ 614.45	$ 1,228.90
1076			3/4" Dia Check Valve	EA	2	0%	2	0.512	$ 75.00	$ 38.40	$ 52.61	$ 91.01	$ 182.02
1077			3/4" Dia Gate Valve	EA	4	0%	4	0.750	$ 75.00	$ 56.25	$ 114.01	$ 170.26	$ 681.04
1078			3/4" Dia Temperature And Pressure Relief Valve	EA	2	0%	2	0.620	$ 75.00	$ 46.50	$ 87.52	$ 134.02	$ 268.04
1079			1-1/4" Dia Gate Valve	EA	4	0%	4	0.900	$ 75.00	$ 67.50	$ 184.49	$ 251.99	$ 1,007.96
1080			1-1/4" Dia Check Valve	EA	2	0%	2	0.450	$ 75.00	$ 33.75	$ 48.45	$ 82.20	$ 164.40
			MISCELLANEOUS										
1081			2" Dia VTR: Vent Through Roof	EA	2	0%	2	0.812	$ 75.00	$ 60.90	$ 72.50	$ 133.40	$ 266.80
1082			3" Dia VTR: Vent Through Roof	EA	3	0%	3	0.825	$ 75.00	$ 61.88	$ 78.00	$ 139.88	$ 419.63
1083			4" Dia VTR: Vent Through Roof	EA	1	0%	1	0.850	$ 75.00	$ 63.75	$ 84.00	$ 147.75	$ 147.75
1084			1/2" Dia TP-1: Trap Primer	EA	7	0%	7	0.860	$ 75.00	$ 64.50	$ 88.33	$ 152.83	$ 1,069.81
1085			3/4" Dia SA-1: Water Hammer Arrester : ZURN #Z-1700, Factory Pre-Charged And Sealed As Per MFG'RS Recommendations All Stainless Steel Construction Access Panel W/Hinged Cover Install	EA	4	0%	4	1.220	$ 75.00	$ 91.50	$ 602.99	$ 694.49	$ 2,777.96
1086			1" Dia SA-1: Water Hammer Arrester : ZURN #Z-1700, Factory Pre-Charged And Sealed As Per MFG'RS Recommendations All Stainless Steel Construction Access Panel W/Hinged Cover Install	EA	4	0%	4	1.340	$ 75.00	$ 100.50	$ 1,054.00	$ 1,154.50	$ 4,618.00
1087			1-1/4" Dia SA-1: Water Hammer Arrester : ZURN #Z-1700, Factory Pre-Charged And Sealed As Per MFG'RS Recommendations All Stainless Steel Construction Access Panel W/Hinged Cover Install	EA	5	0%	5	1.500	$ 75.00	$ 112.50	$ 1,530.99	$ 1,643.49	$ 8,217.45
1088			1-1/4" Dia Gas Cock & SS Flex	EA	2	0%	2	0.500	$ 75.00	$ 37.50	$ 42.00	$ 79.50	$ 159.00
1089			2-1/2" Dia Gas Meter	EA	1	0%	1	2.250	$ 75.00	$ 168.75	$ 1,597.99	$ 1,766.74	$ 1,766.74
			TRAP PRIMER DETAILS										
1090			1/2" Dia Shutoff Valve	EA	7	0%	7	0.400	$ 75.00	$ 30.00	$ 31.49	$ 61.49	$ 430.43
1091			Air Gap Vacuum Breaking Ports	EA	7	0%	7	0.660	$ 75.00	$ 49.50	$ 120.56	$ 170.06	$ 1,190.42
1092			1/2" Dia Trap Primer Connection	EA	7	0%	7	0.520	$ 75.00	$ 39.00	$ 77.34	$ 116.34	$ 814.38
			FLOOR SINK DETAILS										
1093			2" Dia Deep Seal P-Trap	EA	6	0%	6	0.612	$ 75.00	$ 45.90	$ 86.25	$ 132.15	$ 792.90
1094			3" Dia Deep Seal P-Trap	EA	2	0%	2	0.700	$ 75.00	$ 52.50	$ 92.57	$ 145.07	$ 290.14
1095			1/2" Dia Trap Primer, PPP Or Equal (For Floor Sinks)	EA	8	0%	8	0.595	$ 75.00	$ 44.63	$ 81.51	$ 126.14	$ 1,009.08
			CONDENSATE DRAIN DETAILS										
1096			1" Dia Deep Seal P-Trap	EA	4	0%	4	0.912	$ 75.00	$ 68.40	$ 147.13	$ 215.53	$ 862.12
1097			1" Dia Union	EA	4	0%	4	0.580	$ 75.00	$ 43.50	$ 52.14	$ 95.64	$ 382.56
1098			1" Dia Cleanout Plug	EA	4	0%	4	0.550	$ 75.00	$ 41.25	$ 49.12	$ 90.37	$ 361.48
			CLEANOUTS & DRAINS										
1099			2" Dia WCO: Wall Cleanout	EA	5	0%	5	0.610	$ 75.00	$ 45.75	$ 125.50	$ 171.25	$ 856.25

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
1100			3" Dia WCO: Wall Cleanout	EA	2	0%	2	0.660	$ 75.00	$ 49.50	$ 138.40	$ 187.90	$ 375.80
1101			4" Dia WCO: Wall Cleanout	EA	5	0%	5	0.850	$ 75.00	$ 63.75	$ 215.00	$ 278.75	$ 1,393.75
1102			4" Dia 2-Way COTG: Cleanout At Grade	EA	2	0%	2	1.011	$ 75.00	$ 75.83	$ 242.80	$ 318.63	$ 637.25
1103			2" Dia FD-1: Floor Drain: JR SMITH, #2005-A 5" Dia Nickel Bronze Strainer Head	EA	9	0%	9	0.910	$ 75.00	$ 68.25	$ 165.81	$ 234.06	$ 2,106.54
1104			4" Dia RD-1: Roof Drain: J.R.SMITH #1010, 16 Diameter Low Profile Dome I	EA	2	0%	2	1.320	$ 75.00	$ 99.00	$ 349.00	$ 448.00	$ 896.00
1105			4" Dia Overflow Drain Through Wall	EA	2	0%	2	1.400	$ 75.00	$ 105.00	$ 354.95	$ 459.95	$ 919.90
			VALVES										
1106			2-1/2" Dia Gas Shutoff Valve	EA	7	0%	7	0.715	$ 75.00	$ 53.63	$ 102.50	$ 156.13	$ 1,092.88
1107			1-1/4" Dia Gas Shutoff Valve	EA	1	0%	1	0.695	$ 75.00	$ 52.13	$ 78.25	$ 130.38	$ 130.38
			PVC COUPLING										
1108			2" Dia	EA	86	0%	86						
1109			2-1/2" Dia	EA	4	0%	4						
1110			3" Dia	EA	23	0%	23						
1111			4" Dia	EA	40	0%	40						
			PIPE SUPPORT										
1112			1/2" Dia Adjustable Clevis Hanger	EA	20	0%	20						
1113			3/4" Dia Adjustable Clevis Hanger	EA	51	0%	51						
1114			1" Dia Adjustable Clevis Hanger	EA	65	0%	65						
1115			1-1/4" Dia Adjustable Clevis Hanger	EA	60	0%	60						
1116			1-1/2" Dia Adjustable Clevis Hanger	EA	15	0%	15						
1117			2" Dia Adjustable Clevis Hanger	EA	62	0%	62						
1118			2-1/2" Dia Adjustable Clevis Hanger	EA	30	0%	30						
1119			3" Dia Adjustable Clevis Hanger	EA	9	0%	9						
1120			4" Dia Adjustable Clevis Hanger	EA	5	0%	5						
1121			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	211	0%	211	0.025	$ 75.00	$ 1.88	$ 1.97	$ 3.85	$ 811.30
1122			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	106	0%	106	0.030	$ 75.00	$ 2.25	$ 2.24	$ 4.49	$ 475.94
			TRENCHING & BACKFILLING										
1123			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and N	CFT	2574	0%	2574	0.060	$ 75.00	$ 4.50	$ -	$ 4.50	$ 11,583.00
												SUBTOTAL	**$ 240,234**
			HVAC										
		As Per Mechanica	**REFRIGERANT PIPE**										
			Type 'L' Hard Copper Pipe With Fittings (Assumed)										
1124			3/8" Dia Refrigerant Liquid Pipe	LF	85	10%	94	0.071	$ 75.00	$ 5.34	$ 2.97	$ 8.31	$ 777.34
1125			5/8" Dia Refrigerant Suction Pipe	LF	85	10%	94	0.076	$ 75.00	$ 5.68	$ 4.99	$ 10.67	$ 997.76
			1/2" Thick, Fiberglass Pipe Insulation (Assumed)										
1126			3/8" Dia Refrigerant Liquid Pipe	LF	85	10%	94	0.018	$ 75.00	$ 1.35	$ 1.96	$ 3.31	$ 309.49
1127			5/8" Dia Refrigerant Suction Pipe	LF	85	10%	94	0.018	$ 75.00	$ 1.35	$ 1.96	$ 3.31	$ 309.49
			REFRIGERANT PIPE FITTINGS										
			ELBOW										
1128			3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	15	0%	15	0.273	$ 75.00	$ 20.48	$ 1.55	$ 22.03	$ 330.38
1129			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	15	0%	15	0.316	$ 75.00	$ 23.68	$ 5.10	$ 28.78	$ 431.72
			AIR DEVICES										
1130			CD-1: Ceiling Diffuser, MFGR: PRICE SMCD-6-4-VCS3-B12, Steel, 500 CFM, 12" Dia, 8"x8" Face Size, Surface Mount.	EA	2	0%	2	0.912	$ 75.00	$ 68.40	$ 79.00	$ 147.40	$ 294.80
1131			CD-2: Ceiling Diffuser, MFGR: PRICE SMCD-6-4-VCS3-B12, Steel, 500 CFM, 12" Dia, Surface Mount.	EA	1	0%	1	0.912	$ 75.00	$ 68.40	$ 79.00	$ 147.40	$ 147.40
1132			CD-2: Ceiling Diffuser, MFGR: PRICE SMCD-6-4-VCS3-B12, Steel, 875 CFM, 16"x16" Face Size, 16" Dia, Surface Mount.	EA	8	0%	8	0.925	$ 75.00	$ 69.38	$ 96.00	$ 165.38	$ 1,323.00
1133			CD-2: Ceiling Diffuser, MFGR: PRICE SMCD-6-4-VCS3-B12, Steel, 475 CFM, 12" Dia, Surface Mount.	EA	1	0%	1	0.912	$ 75.00	$ 68.40	$ 79.00	$ 147.40	$ 147.40
1134			DG-1: Door Grille, MFGR: PRICE ATG1, Aluminum Sight Proof, Horiz V-Shaped Blades Double Flat Frame White Finish.	EA	2	0%	2	0.958	$ 75.00	$ 71.85	$ 118.00	$ 189.85	$ 379.70

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
1135			ER-1: Exhaust Register, MFGR: PRICE 630-FLA-B12-OBD, 300 CFM, 10"x10" Face Size, 10" Dia Inlet Size.	EA	1	0%	1	0.720	$ 75.00	$ 54.00	$ 41.00	$ 95.00	$ 95.00
1136			ER-1: Exhaust Register, MFGR: PRICE 630-FLA-B12-OBD, 325 CFM, 10"x10" Face Size, 10" Dia Inlet Size.	EA	1	0%	1	0.720	$ 75.00	$ 54.00	$ 41.00	$ 95.00	$ 95.00
1137			RG-1: Return Grille, MFGR: PRICE 630-FLA-B12, 16"x8" Face Size.	EA	1	0%	1	0.780	$ 75.00	$ 58.50	$ 56.71	$ 115.21	$ 115.21
1138			RG-1: Return Grille, MFGR: PRICE 630-FLA-B12, 16"x16" Face Size.	EA	1	0%	1	0.800	$ 75.00	$ 60.00	$ 60.67	$ 120.67	$ 120.67
1139			RG-1: Return Grille, MFGR: PRICE 630-FLA-B12, 22"x8" Face Size.	EA	1	0%	1	0.750	$ 75.00	$ 56.25	$ 53.82	$ 110.07	$ 110.07
1140			SR-1: Supply Register, MFGR: PRICE 320DAL-FSA-B12-OBD, 75 CFM, 8"X4" Neck Size.	EA	3	0%	3	0.812	$ 75.00	$ 60.90	$ 79.99	$ 140.89	$ 422.67
1141			SR-1: Supply Register, MFGR: PRICE 320DAL-FSA-B12-OBD, 100 CFM, 8"X4" Neck Size.	EA	7	0%	7	0.812	$ 75.00	$ 60.90	$ 79.99	$ 140.89	$ 986.23
1142			SR-1: Supply Register, MFGR: PRICE 320DAL-FSA-B12-OBD, 200 CFM, 14"X4" Neck Size.	EA	6	0%	6	0.812	$ 75.00	$ 60.90	$ 79.99	$ 140.89	$ 845.34
			FAN COIL UNIT										
1143			FC-1: Fan Coil Unit, MFGR: YORK, Model: JAXS010T, CFM: 1600, MCA: 39.9, Voltage: 208V, PH: 1, Electric Heater: 7.5KW, ESP: 0.7", Weight: 200LBS, Filter: MERV 13, Outside Air: 125 CFM.	EA	1	0%	1	0.758	$ 75.00	$ 56.85	$ 55.00	$ 111.85	$ 111.85
			ROOF TOP UNIT										
1144			AC-1: Roof Top Unit, MFGR: YORK XP102, 3400 CFM, 93000 BTUH, 53000 BTUH, 208 V, 3 PH, 60 AMPS.	EA	1	0%	1	12.000	$ 75.00	$ 900.00	$ 6,425.00	$ 7,325.00	$ 7,325.00
1145			AC-2: Roof Top Unit, MFGR: YORK ZJ12015, 4000 CFM, 102,000 BTUH, 59,000 BTUH, 208 V, 3 PH, 60 AMPS.	EA	1	0%	1	15.000	$ 75.00	$ 1,125.00	$ 6,850.00	$ 7,975.00	$ 7,975.00
1146			AC-3: Roof Top Unit, MFGR: YORK ZJ12015, 4000 CFM, 102,000 BTUH, 59,000 BTUH, 208 V, 3 PH, 60 AMPS.	EA	1	0%	1	15.000	$ 75.00	$ 1,125.00	$ 6,850.00	$ 7,975.00	$ 7,975.00
1147			AC-4: Roof Top Unit, MFGR: CAPTIVE AIRE CASRTU-I.200-18-7.5T-DOAD, 2000 CFM, 126,665 BTUH, 102,559 BTUH, 208 V, 3 PH, 50 AMPS.	EA	1	0%	1	25.000	$ 75.00	$ 1,875.00	$ 12,499.00	$ 14,374.00	$ 14,374.00
			MECHANICAL EQUIPMENT										
1148			MUA-1: Make Up Air Unit, MFGR: CAPTIVEAIRE A2-20D, 1500 CFM, 2821 CFM, 1227 RPM, 1.000 HP, 3 PH, 208 V, 3.8 FLA, 4.8 A MCA, 15 A MOCP, 13.2 Sones.	EA	2	0%	2	16.000	$ 75.00	$ 1,200.00	$ 7,739.59	$ 8,939.59	$ 17,879.18
1149			AD-1: Air Curtain, MFGR: MARS #36, 1/2 HP, 120 V.	EA	1	0%	1	3.200	$ 75.00	$ 240.00	$ 1,652.00	$ 1,892.00	$ 1,892.00
1150			AD-2: Air Curtain, MFGR: MARS #72, 1/2 HP, 120 V.	EA	2	0%	2	3.400	$ 75.00	$ 255.00	$ 1,975.50	$ 2,230.50	$ 4,461.00
			CEILING DIFFUSER										
1151			EG-1: Exhaust Grille, MFGR: TITUS, 75 CFM, 10"x10" Neck Size, 6" Dia Inlet Size.	EA	1	0%	1	0.500	$ 75.00	$ 37.50	$ 32.00	$ 69.50	$ 69.50
1152			EG-2: Exhaust Grille, MFGR: TITUS, 50 CFM, 10"x10" Neck Size, 6" Dia Inlet Size.	EA	9	0%	9	0.500	$ 75.00	$ 37.50	$ 30.00	$ 67.50	$ 607.50
1153	**Sheet No # M-1.0, M-2.0**		EG-2: Exhaust Grille, MFGR: TITUS, 250 CFM, 12"x12" Neck Size, 10" Dia Inlet Size.	EA	3	0%	3	0.520	$ 75.00	$ 39.00	$ 34.00	$ 73.00	$ 219.00
1154			RG-1: Return Grille, MFGR: TITUS, 30"x20" Neck Size.	EA	1	0%	1	1.000	$ 75.00	$ 75.00	$ 135.00	$ 210.00	$ 210.00
1155			RG-1: Return Grille, MFGR: TITUS, 40"x30" Neck Size.	EA	2	0%	2	1.100	$ 75.00	$ 82.50	$ 168.00	$ 250.50	$ 501.00
1156			SD-1: Supply Diffuser, MFGR: TITUS, 100 CFM, 10"x10" Neck Size, 8" Dia Inlet Size.	EA	6	0%	6	0.780	$ 75.00	$ 58.50	$ 80.75	$ 139.25	$ 835.50
1157			SD-1: Supply Diffuser, MFGR: TITUS, 150 CFM, 10"x10" Neck Size, 8" Dia Inlet Size.	EA	2	0%	2	0.810	$ 75.00	$ 60.75	$ 85.00	$ 145.75	$ 291.50
1158			SD-1: Supply Diffuser, MFGR: TITUS, 200 CFM, 10"x10" Neck Size, 8" Dia Inlet Size.	EA	6	0%	6	0.850	$ 75.00	$ 63.75	$ 93.50	$ 157.25	$ 943.50
1159			SD-1: Supply Diffuser, MFGR: TITUS, 200 CFM, 20"x20" Neck Size, 8" Dia Inlet Size.	EA	3	0%	3	0.910	$ 75.00	$ 68.25	$ 110.50	$ 178.75	$ 536.25
1160			SD-1: Supply Diffuser, MFGR: TITUS, 400 CFM, 14"x14" Neck Size, 12" Dia Inlet Size.	EA	5	0%	5	0.920	$ 75.00	$ 69.00	$ 127.50	$ 196.50	$ 982.50
1161			SD-2: Supply Diffuser, MFGR: TITUS, 200 CFM, 18"x12" Neck Size, 8" Dia Inlet Size.	EA	1	0%	1	0.890	$ 75.00	$ 66.75	$ 102.00	$ 168.75	$ 168.75
1162			SD-3: Supply Diffuser, MFGR: TITUS, 320 CFM, 14" Dia Inlet Size.	EA	10	0%	10	1.000	$ 75.00	$ 75.00	$ 119.00	$ 194.00	$ 1,940.00
1163			SD-3: Supply Diffuser, MFGR: TITUS, 400 CFM, 14" Dia Inlet Size.	EA	2	0%	2	1.020	$ 75.00	$ 76.50	$ 136.00	$ 212.50	$ 425.00
1164			SD-3: Supply Diffuser, MFGR: TITUS, 440 CFM, 16" Dia Inlet Size.	EA	9	0%	9	1.080	$ 75.00	$ 81.00	$ 153.00	$ 234.00	$ 2,106.00
1165			SD-4: Supply Diffuser, MFGR: TITUS, 565 CFM, 24"x24" Neck Size.	EA	3	0%	3	1.200	$ 75.00	$ 90.00	$ 170.00	$ 260.00	$ 780.00
			HEAT PUMP										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1166			HP-1: Heat Pump, MFGR: YORK #YZT48B21, Nominal 4 Tons, Condensing Unit High Low Pressure Switches Cycle Protector Low Ambient Kit 28.2 FLA, 208 V, 1 PH, ERR 12.5/ HSPF 9.5/Seer 16.0.	EA	1	0%	1	9.250	$ 75.00	$ 693.75	$ 4,800.00	$ 5,493.75	$ 5,493.75
			CONDENSING UNIT										
1167			CU: Condensing Unit, **(Schedule Are Not Given)**	EA	5	0%	5	6.250	$ 75.00	$ 468.75	$ 3,661.00	$ 4,129.75	$ 20,648.75
			EXHAUST FAN										
1168			EF-1: Exhaust Fan, MFGR: COOK, Captive Air Up Blast Roof Top Exhaust Fan, 2944 CFM, 8.3 A, @ 208 V, 3 PH, Control VIA, Time Clock 250 LBS.	EA	1	0%	1	3.200	$ 75.00	$ 240.00	$ 1,075.00	$ 1,315.00	$ 1,315.00
1169			EF-2: Exhaust Fan, MFGR: COOK, Captive Air Up Blast Roof Top Exhaust Fan,1425 CFM, 7 ESP, @ 208 V, 3 PH, 1-1/2 HP, Control VIA, Time Clock 250 LBS.	EA	1	0%	1	2.850	$ 75.00	$ 213.75	$ 863.48	$ 1,077.23	$ 1,077.23
1170			EF-3: Exhaust Fan, MFGR: COOK, Captive Air Up Blast Roof Top Exhaust Fan, 2944 CFM, 8.3 A, @ 208 V, 3 PH, Control VIA, Time Clock 250 LBS.	EA	1	0%	1	3.200	$ 75.00	$ 240.00	$ 1,075.00	$ 1,315.00	$ 1,315.00
			KITCHEN EXHAUST HOOD										
1171			KEH-1: Kitchen Exhaust Hood, MFGR: CAPTIVEAIRE 6024 ND-2-PSP-F, 14"x3" Length, 225 CFM, Total 3206 CFM, 430 SS Where Exposed Hood Construction, MFGR: DCV-1111, Captrate Solo Filter, Exhaust Hood Light: Recessed Round Light 4 Qty, 12"x60"24" Size,	EA	2	0%	2	6.500	$ 75.00	$ 487.50	$ 2,895.00	$ 3,382.50	$ 6,765.00
			DAMPERS										
1172			8" Dia Backdraft Damper	EA	1	0%	1	0.485	$ 75.00	$ 36.38	$ 54.21	$ 90.59	$ 90.59
1173			8" Dia Volume Damper	EA	17	0%	17	0.710	$ 75.00	$ 53.25	$ 98.50	$ 151.75	$ 2,579.75
1174			6" Dia Volume Damper	EA	13	0%	13	0.620	$ 75.00	$ 46.50	$ 72.15	$ 118.65	$ 1,542.45
1175			10" Dia Volume Damper	EA	1	0%	1	0.820	$ 75.00	$ 61.50	$ 125.30	$ 186.80	$ 186.80
1176			12" Dia Volume Damper	EA	6	0%	6	0.800	$ 75.00	$ 60.00	$ 110.00	$ 170.00	$ 1,020.00
1177			14" Dia Volume Damper	EA	3	0%	3	0.912	$ 75.00	$ 68.40	$ 163.00	$ 231.40	$ 694.20
			DUCT WEIGHT										
1178			Galvanized Sheet Metal Duct	LB	3291	10%	3620	0.045	$ 75.00	$ 3.38	$ 3.84	$ 7.22	$ 26,119.02
			DUCT INSULATION										
1179			3" Thick, Foil Face Fiberglass Duct Insulation	SF	2791	10%	3070	0.035	$ 75.00	$ 2.63	$ 2.70	$ 5.33	$ 16,348.28
			MISCELLANEOUS										
1180			Thermostat: MFGR: JA5 Compliant Commercial Grade 7 Day Programmable Set Back Stat W/ Wall Mount Room Sensor, Backlite Label.	EA	5	0%	5	0.650	$ 75.00	$ 48.75	$ 41.95	$ 90.70	$ 453.50
1181			8" Dia Roof Cap	EA	1	0%	1	0.900	$ 75.00	$ 67.50	$ 110.49	$ 177.99	$ 177.99
			ALLOWANCE										
1182			Allowance For All Hvac Duct Coupler, Hangers, Supports, For All Relevant Accessories **(8417 LF)**	LS	1	0%	1	0.000	$ 75.00	$ 6,060.24	$ 4,040.16	$ 10,100.40	$ 10,100.40
												SUBTOTAL	**$ 176,775**
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
1183			1-1/2" EMT Conduit	LF	32	10%	35	0.089	$ 80.00	$ 7.12	$ 7.04	$ 14.16	$ 498.43
1184			2-1/2" EMT Conduit	LF	136	10%	149	0.133	$ 80.00	$ 10.64	$ 11.10	$ 21.74	$ 3,246.33
1185			4" EMT Conduit	LF	34	10%	37	0.200	$ 80.00	$ 16.00	$ 19.23	$ 35.23	$ 1,307.91
			CONDUCTOR										
1186			#6 CU THHN/THWN	LF	168	10%	185	0.010	$ 80.00	$ 0.80	$ 0.86	$ 1.66	$ 306.77
1187			#2 CU THHN/THWN	LF	162	10%	178	0.013	$ 80.00	$ 1.04	$ 2.07	$ 3.11	$ 554.20
1188			#3/0 CU THHN/THWN	LF	544	10%	598	0.017	$ 80.00	$ 1.36	$ 4.31	$ 5.67	$ 3,392.93
1189			#500 KCMIL CU THHN/THWN	LF	136	10%	150	0.035	$ 80.00	$ 2.80	$ 12.57	$ 15.37	$ 2,299.35
			LUGS										
1190			Compression Lug CU With 1-Hole , #6 CU Wire	EA	10	0%	10	0.400	$ 80.00	$ 32.00	$ 2.94	$ 34.94	$ 349.40
1191			Heat Shrink Tubing for #6 CU Wire	EA	10	0%	10	0.220	$ 80.00	$ 17.60	$ 0.21	$ 17.81	$ 178.10
1192			Compression Lug CU With 1-Hole , #2 CU Wire	EA	10	0%	10	0.420	$ 80.00	$ 33.60	$ 3.50	$ 37.10	$ 371.00

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1193			Heat Shrink Tubing for #2 CU Wire	EA	10	0%	10	0.220	$ 80.00	$ 17.60	$ 0.25	$ 17.85	$ 178.50
1194			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	32	0%	32	0.450	$ 80.00	$ 36.00	$ 11.00	$ 47.00	$ 1,504.00
1195			Heat Shrink Tubing for #3/0 CU Wire	EA	32	0%	32	0.250	$ 80.00	$ 20.00	$ 0.32	$ 20.32	$ 650.24
1196			Compression Lug CU With 1-Hole , #500 KCMIL CU Wire	EA	8	0%	8	0.460	$ 80.00	$ 36.80	$ 12.19	$ 48.99	$ 391.92
1197			Heat Shrink Tubing for #500 KCMIL CU Wire	EA	8	0%	8	0.250	$ 80.00	$ 20.00	$ 0.34	$ 20.34	$ 162.72
			CIRCUIT BREAKER										
1198			1P/20A Circuit Breaker	EA	217	0%	217	0.420	$ 80.00	$ 33.60	$ 33.00	$ 66.60	$ 14,452.20
1199			2P/20A Circuit Breaker	EA	24	0%	24	0.450	$ 80.00	$ 36.00	$ 43.18	$ 79.18	$ 1,900.32
1200			3P/20A Circuit Breaker	EA	2	0%	2	0.510	$ 80.00	$ 40.80	$ 58.00	$ 98.80	$ 197.60
1201			2P/30A Circuit Breaker	EA	7	0%	7	0.480	$ 80.00	$ 38.40	$ 59.00	$ 97.40	$ 681.80
1202			2P/40A Circuit Breaker	EA	6	0%	6	0.500	$ 80.00	$ 40.00	$ 67.91	$ 107.91	$ 647.46
1203			3P/40A Circuit Breaker	EA	1	0%	1	0.590	$ 80.00	$ 47.20	$ 91.80	$ 139.00	$ 139.00
1204			3P/50A Circuit Breaker	EA	1	0%	1	0.630	$ 80.00	$ 50.40	$ 94.00	$ 144.40	$ 144.40
1205			3P/60A Circuit Breaker	EA	1	0%	1	0.650	$ 80.00	$ 52.00	$ 112.00	$ 164.00	$ 164.00
1206			3P/70A Circuit Breaker	EA	2	0%	2	0.680	$ 80.00	$ 54.40	$ 133.62	$ 188.02	$ 376.04
1207			3P/100A Circuit Breaker	EA	1	0%	1	0.980	$ 80.00	$ 78.40	$ 320.00	$ 398.40	$ 398.40
1208			3P/200A Circuit Breaker	EA	4	0%	4	1.720	$ 80.00	$ 137.60	$ 650.00	$ 787.60	$ 3,150.40
1209			3P/400A Circuit Breaker	EA	1	0%	1	2.330	$ 80.00	$ 186.40	$ 1,630.00	$ 1,816.40	$ 1,816.40
1210			3P/1200A Main Circuit Breaker	EA	1	0%	1	4.390	$ 80.00	$ 351.20	$ 6,500.00	$ 6,851.20	$ 6,851.20
			PANEL										
			Note: There is a conflict in the current rating of Panel "L." The Single Line Diagram (SLD) indicates a 3P/100A breaker size for Panel "L," while the Panel Schedule (MSB) lists it as 3P/40A. Additionally, the Panel "L" schedule shows a bus rating of 225A. We Assumed 100A Panel, Contractor to Verify if Required.									
1211			Panel F, 200A, 120/208V, 3Ph, 4W, Mains: MLO, 60 Poles, Surface Mounted, NEMA 1, Manufactured By: G.E	EA	1	0%	1	4.250	$ 80.00	$ 340.00	$ 2,850.00	$ 3,190.00	$ 3,190.00
1212			Panel K, 200A, Bus Rating: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 42 Poles, Surface Mounted, NEMA 1, Manufactured By: G.E	EA	1	0%	1	4.520	$ 80.00	$ 361.60	$ 2,320.00	$ 2,681.60	$ 2,681.60
1213			Panel L, 100A, 120/208V, 3Ph, 4W, Mains: MLO, 42 Poles, Surface Mounted, NEMA 1, Manufactured By: G.E	EA	1	0%	1	3.200	$ 80.00	$ 256.00	$ 1,118.99	$ 1,374.99	$ 1,374.99
1214			Panel M, 400A, 120/208V, 3Ph, 4W, Mains: MLO, 60 Poles, Surface Mounted, NEMA 1, Manufactured By: G.E	EA	1	0%	1	5.500	$ 80.00	$ 440.00	$ 3,850.00	$ 4,290.00	$ 4,290.00
1215			Panel P1, 200A, Bus Rating: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 42 Poles, Surface Mounted, NEMA 1, Manufactured By: G.E	EA	1	0%	1	4.520	$ 80.00	$ 361.60	$ 2,320.00	$ 2,681.60	$ 2,681.60
1216			Panel P2, 200A, Bus Rating: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 42 Poles, Surface Mounted, NEMA 1, Manufactured By: G.E	EA	1	0%	1	4.520	$ 80.00	$ 361.60	$ 2,320.00	$ 2,681.60	$ 2,681.60
			DEVICES										
1217			CT Cabinet, NEMA 3R	EA	1	0%	1	1.854	$ 80.00	$ 148.32	$ 844.00	$ 992.32	$ 992.32
1218			MSB, Main Electrical Switch Board (2 Section), 1200A/1000A MCB, 120/208V, 3Ph, 4W, Mains: MCB, 42 Poles, Pad Mounted, NEMA 3R, Manufactured By: G.E	EA	1	0%	1	22.500	$ 80.00	$ 1,800.00	$ 10,825.28	$ 12,625.28	$ 12,625.28
1219			Pad Mounted Utility Transformer	EA	1	0%	1	12.500	$ 80.00	$ 1,000.00	$ 6,800.00	$ 7,800.00	$ 7,800.00
1220			Utility Meter Socket, NEMA 3R	EA	1	0%	1	3.520	$ 80.00	$ 281.60	$ 1,134.00	$ 1,415.60	$ 1,415.60
			DISCONNECT SWITCH										
1221			1P/25A Fused Disconnect Switch, NEMA 1	EA	2	0%	2	0.725	$ 80.00	$ 58.00	$ 83.47	$ 141.47	$ 282.94
1222			2P/30A Fused Disconnect Switch, NEMA 3R	EA	6	0%	6	0.750	$ 80.00	$ 60.00	$ 96.74	$ 156.74	$ 940.44
1223			2P/50A Fused Disconnect Switch, NEMA 1	EA	1	0%	1	0.800	$ 80.00	$ 64.00	$ 105.25	$ 169.25	$ 169.25
1224			3P/60A Fused Disconnect Switch, NEMA 3R	EA	3	0%	3	0.850	$ 80.00	$ 68.00	$ 125.70	$ 193.70	$ 581.10
1225			3P/90A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2	1.125	$ 80.00	$ 90.00	$ 290.90	$ 380.90	$ 761.80
			GROUNDING										
1226			3/8"x10' CU Ground Rod	EA	3	0%	3	0.500	$ 80.00	$ 40.00	$ 55.08	$ 95.08	$ 285.24
1227			Main Ground Bus	EA	1	0%	1	1.250	$ 80.00	$ 100.00	$ 237.00	$ 337.00	$ 337.00
1228			#8 Bare Copper Grounding Conductor	LF	80	10%	88	0.009	$ 80.00	$ 0.72	$ 0.56	$ 1.28	$ 112.64
1229			#2/0 CU Grounding Conductor	LF	20	10%	22	0.016	$ 80.00	$ 1.28	$ 3.40	$ 4.68	$ 102.96
1230			#3/0 CU Grounding Conductor	LF	40	10%	44	0.017	$ 80.00	$ 1.36	$ 4.31	$ 5.67	$ 249.48

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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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
			POWER										
			CONDUIT										
1231			3/4" EMT Conduit	LF	687	10%	756	0.045	$ 80.00	$ 3.60	$ 1.00	$ 4.60	$ 3,474.71
1232			1" EMT Conduit	LF	663	10%	729	0.050	$ 80.00	$ 4.00	$ 1.65	$ 5.65	$ 4,120.55
1233			1-1/4" EMT Conduit	LF	191	10%	210	0.065	$ 80.00	$ 5.20	$ 2.71	$ 7.91	$ 1,665.02
1234			3/4" EMT Conduit	LF	4720	10%	5192	0.045	$ 80.00	$ 3.60	$ 1.00	$ 4.60	$ 23,872.82
1235			1" PVC Conduit	LF	164	10%	180	0.064	$ 80.00	$ 5.12	$ 3.66	$ 8.78	$ 1,583.91
1236			3/4" LFMC Conduit	LF	22	10%	24	0.075	$ 80.00	$ 6.00	$ 4.04	$ 10.04	$ 242.97
1237	E-2.0, E-3.0, E-4.0, E-6.0, E-7.0	From Electrical Drawings	1" LFMC Conduit	LF	15	10%	17	0.078	$ 80.00	$ 6.24	$ 4.29	$ 10.53	$ 173.82
1238			1-1/4" LFMC Conduit	LF	6	10%	7	0.098	$ 80.00	$ 7.84	$ 5.42	$ 13.26	$ 90.00
1239			3/4" RGS Conduit	LF	59	10%	65	0.089	$ 80.00	$ 7.12	$ 2.96	$ 10.08	$ 654.19
1240			1" RGS Conduit	LF	26	10%	29	0.123	$ 80.00	$ 9.84	$ 4.72	$ 14.56	$ 416.31
1241			1-1/4" RGS Conduit	LF	10	10%	11	0.150	$ 80.00	$ 12.00	$ 6.94	$ 18.94	$ 210.18
			CONDUCTOR										
1242			#12 CU THHN/THWN	LF	3685	10%	4054	0.007	$ 80.00	$ 0.56	$ 0.25	$ 0.81	$ 3,283.34
1243			#10 CU THHN/THWN	LF	12956	10%	14252	0.008	$ 80.00	$ 0.64	$ 0.38	$ 1.02	$ 14,536.63
1244			#8 CU THHN/THWN	LF	4413	10%	4854	0.009	$ 80.00	$ 0.72	$ 0.56	$ 1.28	$ 6,213.50
1245			#6 CU THHN/THWN	LF	813	10%	894	0.010	$ 80.00	$ 0.80	$ 0.86	$ 1.66	$ 1,484.54
1246			#3 CU THHN/THWN	LF	624	10%	686	0.012	$ 80.00	$ 0.96	$ 1.66	$ 2.62	$ 1,798.37
			LUGS										
1247			Compression Lug CU With 1-Hole , #8 CU Wire	EA	8	0%	8	0.400	$ 80.00	$ 32.00	$ 2.64	$ 34.64	$ 277.12
1248			Heat Shrink Tubing for #8 CU Wire	EA	8	0%	8	0.220	$ 80.00	$ 17.60	$ 0.19	$ 17.79	$ 142.35
1249			Compression Lug CU With 1-Hole , #6 CU Wire	EA	18	0%	18	0.400	$ 80.00	$ 32.00	$ 2.94	$ 34.94	$ 628.92
1250			Heat Shrink Tubing for #6 CU Wire	EA	18	0%	18	0.220	$ 80.00	$ 17.60	$ 0.21	$ 17.81	$ 320.58
1251			Compression Lug CU With 1-Hole , #3 CU Wire	EA	12	0%	12	0.420	$ 80.00	$ 33.60	$ 3.10	$ 36.70	$ 440.40
1252			Heat Shrink Tubing for #3 CU Wire	EA	12	0%	12	0.220	$ 80.00	$ 17.60	$ 0.25	$ 17.85	$ 214.20
			DEVICE										
1253			1P/20A Motor Rated Switch, WP	EA	2	0%	2	0.280	$ 80.00	$ 22.40	$ 13.62	$ 36.02	$ 72.04
1254			2P/30A Special Purpose Receptacle	EA	5	0%	5	0.312	$ 80.00	$ 24.96	$ 24.99	$ 49.95	$ 249.75
1255			2P/30A Special Purpose Receptacle GFCI	EA	2	0%	2	0.345	$ 80.00	$ 27.60	$ 28.40	$ 56.00	$ 112.00
1256			3P/20A Motor Rated Switch, WP	EA	1	0%	1	0.450	$ 80.00	$ 36.00	$ 55.97	$ 91.97	$ 91.97
1257			3P/40A Special Purpose Receptacle GFCI	EA	1	0%	1	0.385	$ 80.00	$ 30.80	$ 49.97	$ 80.77	$ 80.77
1258			Controlled Duplex Receptacle	EA	10	0%	10	0.322	$ 80.00	$ 25.76	$ 20.59	$ 46.35	$ 463.50
1259			Duplex Receptacle	EA	63	0%	63	0.295	$ 80.00	$ 23.60	$ 18.42	$ 42.02	$ 2,647.26
1260			Duplex Receptacle GFCI	EA	15	0%	15	0.310	$ 80.00	$ 24.80	$ 24.50	$ 49.30	$ 739.50
1261			Duplex Receptacle GFCI/WP	EA	4	0%	4	0.330	$ 80.00	$ 26.40	$ 29.00	$ 55.40	$ 221.60
1262			Equipment Connection	EA	15	0%	15	1.210	$ 80.00	$ 96.80	$ -	$ 96.80	$ 1,452.00
1263			Power Pack	EA	3	0%	3	0.890	$ 80.00	$ 71.20	$ 139.99	$ 211.19	$ 633.57
1264			Quad Receptacle	EA	6	0%	6	0.366	$ 80.00	$ 29.28	$ 30.31	$ 59.59	$ 357.54
			LIGHTING										
			CONDUIT										
1265			3/4" EMT Conduit	LF	915	10%	1007	0.045	$ 80.00	$ 3.60	$ 1.00	$ 4.60	$ 4,627.89
1266			1" EMT Conduit	LF	2067	10%	2274	0.050	$ 80.00	$ 4.00	$ 1.65	$ 5.65	$ 12,846.41
1267			1" LFMC Conduit	LF	180	10%	198	0.078	$ 80.00	$ 6.24	$ 4.29	$ 10.53	$ 2,085.87
			CONDUCTOR										
1268			#12 CU THHN/THWN	LF	540	10%	594	0.007	$ 80.00	$ 0.56	$ 0.25	$ 0.81	$ 481.14
1269			#10 CU THHN/THWN	LF	4452	10%	4897	0.008	$ 80.00	$ 0.64	$ 0.38	$ 1.02	$ 4,995.14
1270			#8 CU THHN/THWN	LF	2184	10%	2402	0.009	$ 80.00	$ 0.72	$ 0.56	$ 1.28	$ 3,075.07
1271			#6 CU THHN/THWN	LF	2490	10%	2739	0.010	$ 80.00	$ 0.80	$ 0.86	$ 1.66	$ 4,546.74
			LIGHTING FIXTURES										
1272			F1 – CPANL Switchable Lumen LED Flat Panel, 2x4, 40/50/60LM, 4000K CCT, 60LM, Direct Distribution, Lithonia Lighting, CPANL 2x4 40/50/60LM 40K 60LM, 55.78W, 5926 Lumens.	EA	30	0%	30	1.120	$ 80.00	$ 89.60	$ 220.50	$ 310.10	$ 9,303.00

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1273			F2 – Wide Body 4ft Wrap, Switchable 4000/5000/6000LM, 80CRI, 4000K, 120–277V, Direct Distribution, Lithonia Lighting, FML4W 48 ALO6 SEF 840 MVOLT, 49W, 5874 Lumens.	EA	3	0%	3	0.850	$ 80.00	$ 68.00	$ 130.52	$ 198.52	$ 595.56
1274			F3 – 6" LED Downlight, 4000K, 1500LM, Clear Semi-Specular Reflector, CRI80, Direct Distribution, Lithonia Lighting, LDN6 40/15 L06AR LSS MVOLT GZ10, 17.52W, 1516 Lumens.	EA	45	0%	45	0.950	$ 80.00	$ 76.00	$ 130.89	$ 206.89	$ 9,310.05
1275			F4 – Circular White Metal Housing/Heat Sink with Linear Prismatic C Plastic Lens, Pace Illumination, HPAL 500 816 DT 50W K4 UNV DD TAL ACB120, 32.26W, 3264 Lumens.	EA	25	0%	25	0.900	$ 80.00	$ 72.00	$ 115.00	$ 187.00	$ 4,675.00
1276			F5 – Circular White Metal Housing/Heat Sink with Linear Prismatic C Plastic Lens, Pace Illumination, HPAL 500 812 DT 35W K4 UNV DD TAL ACB120, 64.53W, 6529 Lumens.	EA	36	0%	36	0.980	$ 80.00	$ 78.40	$ 150.00	$ 228.40	$ 8,222.40
1277			S1 – MRW LED Wall Mount with P2 Performance Package, 4000K, SR3 Optic Type, Type III Medium Distribution, 8ft Mounting Height, Lithonia Lighting, MRW P2 40K SR3 MVOLT, 29.17W, 3128 Lumens.	EA	42	0%	42	2.200	$ 80.00	$ 176.00	$ 1,152.31	$ 1,328.31	$ 55,789.02
1278			S2 – 6" LED Downlight, 4000K, 2000LM, Clear Semi-Specular Reflector, CRI80, Direct Distribution, 10ft Mounting Height, Lithonia Lighting, LDN6 40/20 L06AR LSS MVOLT GZ10, 22.52W, 2009 Lumens.	EA	2	0%	2	1.000	$ 80.00	$ 80.00	$ 147.59	$ 227.59	$ 455.18
			LIGHTING CONTROL										
1279			3 Way Switch	EA	4	0%	4	0.385	$ 80.00	$ 30.80	$ 32.10	$ 62.90	$ 251.60
1280			Wall Mounted Switch with Integral Motion Sensor	EA	15	0%	15	0.450	$ 80.00	$ 36.00	$ 45.54	$ 81.54	$ 1,223.10
1281			Single Pole Switch	EA	1	0%	1	0.200	$ 80.00	$ 16.00	$ 10.05	$ 26.05	$ 26.05
1282			Single Pole Dimmer Switch	EA	3	0%	3	0.400	$ 80.00	$ 32.00	$ 31.00	$ 63.00	$ 189.00
1283			Ceiling Mounted Low Voltage Occupancy Sensor	EA	3	0%	3	0.500	$ 80.00	$ 40.00	$ 59.97	$ 99.97	$ 299.91
1284			Occupancy Sensor Controller, (Legend Not Given)	EA	4	0%	4	0.550	$ 80.00	$ 44.00	$ 83.95	$ 127.95	$ 511.80
1285			Lighting Control Panel	EA	1	0%	1	3.200	$ 80.00	$ 256.00	$ 846.00	$ 1,102.00	$ 1,102.00
1286			Photocell	EA	1	0%	1	0.320	$ 80.00	$ 25.60	$ 22.00	$ 47.60	$ 47.60
1287			Time Clock	EA	1	0%	1	1.250	$ 80.00	$ 100.00	$ 170.34	$ 270.34	$ 270.34
			HANGING WIRE										
1288			#12 Taut Wire for Lighting Hung	LF	480	10%	528	0.007	$ 80.00	$ 0.56	$ 0.25	$ 0.81	$ 427.68
			MISCELLANEOUS										
1289			Junction Box WP	EA	28	0%	28	0.525	$ 80.00	$ 42.00	$ 28.44	$ 70.44	$ 1,972.32
			ALLOWANCE										
1290			Allowance for Temporary Power & Lighting (8417 LF)	LS	1	0%	1	0.000	$ 80.00	$ 5,786.69	$ 4,734.56	$ 10,521.25	$ 10,521.25
			SAWCUT & PATCH										
1291			Sawcut And Patch The Floor For Conduit Installation	LF	164	10%	180	0.220	$ 80.00	$ 17.60	$ -	$ 17.60	$ 3,175.04
												SUBTOTAL	**$ 303,859**
			COMMUNICATION										
			TELECOMMUNICATION										
			CONDUIT										
1292			3/4" EMT Conduit with Pull String	LF	110	10%	121	0.048	$ 80.00	$ 3.84	$ 1.10	$ 4.94	$ 597.74
			DEVICES										
1293	E3.0	As Per Electrical Plan	Combination Tele/Data Outlet	EA	11	0%	11	0.400	$ 80.00	$ 32.00	$ 10.50	$ 42.50	$ 467.50
1294			Main Telephone Terminal Backboard, 48"x48"x3/4", Fire Protective Plywood,	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 30.22	$ 70.22	$ 70.22
			4" Square Back Box	EA	11	0%	11	0.200	$ 80.00	$ 16.00	$ 10.00	$ 26.00	$ 286.00
			ik	EA	11	0%	11	0.050	$ 80.00	$ 4.00	$ 4.50	$ 8.50	$ 93.50
												SUBTOTAL	**$ 1,515**
			ELECTRONIC SAFETY AND SECURITY										
			FIRE ALARM										
			DEVICES										
1295	E4.0	From Electrical Drawings	Duct Smoke Detector	EA	4	0%	4	1.650	$ 80.00	$ 132.00	$ 214.05	$ 346.05	$ 1,384.20
1296			4" Square Back Box	EA	4	0%	4	0.200	$ 80.00	$ 16.00	$ 10.00	$ 26.00	$ 104.00
1297			Faceplate	EA	4	0%	4	0.050	$ 80.00	$ 4.00	$ 4.50	$ 8.50	$ 34.00
												SUBTOTAL	**$ 1,522**

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			EARTHWORK										
			SITE CLEARING AND PREPARATION										
			SOIL CLEARING:										
1298			Clearing And Grubbing Of Existing Soil	SF	336191	10%	369810	0.004	$ 50.00	$ 0.20	$ -	$ 0.20	$ 73,962
			SOIL PREPARATION:										
1299			Compact Existing Sub-Grade Under Hardscape As Req'd	SF	211508	10%	232659	0.004	$ 50.00	$ 0.20	$ -	$ 0.20	$ 46,532
1300	**2**	**Plane Detail**	Compact Existing Sub-Grade Under Building Pad As Req'd	SF	8657	10%	9523	0.004	$ 50.00	$ 0.20	$ -	$ 0.20	$ 1,905
			REMOVE, STOCKPIL & HAUL-OFF:										
1301			Allowance To Remove And Stockpile Existing 6-Inch Thick Topsoil Layer	CY	6226	10%	6848	0.120	$ 50.00	$ 6.00	$ -	$ 6.00	$ 41,090
1302			Allowance To Reinstall Topsoil Layer	CY	2309	10%	2540	0.160	$ 50.00	$ 8.00	$ -	$ 8.00	$ 20,319
1303			Allowance To Haul off Excessive Excavated Soil	CY	3917	10%	4308	0.160	$ 50.00	$ 8.00	$ -	$ 8.00	$ 34,468
			EARTH MOVING										
			GRADING:										
1304	**Sheet 7**	**As Shown/ Sheet 7**	Rough/Mild Grading	SF	336191	10%	369810	0.010	$ 50.00	$ 0.50	$ -	$ 0.50	$ 184,905
			EXCAVATION AND FILL:										
			Trenching @ Sanitary Sewer Utilities:										
1305			Excavation	CY	504	10%	555	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 20,798
1306			Imported Sand Or Aggregate	CY	121	10%	133	0.450	$ 50.00	$ 22.50	$ 48.50	$ 71.00	$ 9,415
1307			Backfilling	CY	253	10%	278	0.450	$ 50.00	$ 22.50	$ -	$ 22.50	$ 6,251
1308	**6/5/Sheet 5**	**6/5/Sheet 5**	Haul-Off	CY	131	10%	144	0.450	$ 50.00	$ 22.50	$ -	$ 22.50	$ 3,244
			Trenching @ Storm Water Utilities:										
1309			Excavation	CY	1287	10%	1416	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 53,103
1310			Imported Sand Or Aggregate	CY	312	10%	343	0.450	$ 50.00	$ 22.50	$ 48.50	$ 71.00	$ 24,342
1311			Metallic Pipe Identifier Tape	LF	1931	10%	2124	0.024	$ 50.00	$ 1.20	$ 0.45	$ 1.65	$ 3,505
1312			Backfilling	CY	439	10%	483	0.450	$ 50.00	$ 22.50	$ -	$ 22.50	$ 10,872
1313			Haul-Off	CY	536	10%	590	0.450	$ 50.00	$ 22.50	$ -	$ 22.50	$ 13,276
			EROSION AND SEDIMENT CONTROL:										
1314			**Gravel Pad At Construction Entrance:**	**SF**	**1468**	**10%**	**1614**						
1315			12" Thk. 3" To 6" Dia Crushed Aggregate	CY	54	10%	60	0.450	$ 50.00	$ 22.50	$ 48.50	$ 71.00	$ 4,245
1316	**Sheet 7**	**Details-B/Sheet 6**	Permeable Fiber Lining	SF	1468	10%	1614	0.010	$ 50.00	$ 0.50	$ 0.68	$ 1.18	$ 1,897
1317			Post "No Trespassing" Sign At Entrance	EA	1	0%	1	0.350	$ 50.00	$ 17.50	$ 10.50	$ 28.00	$ 28
1318			Post "Construction Traffic 15MPH" Sign At Entrance	EA	1	0%	1	0.350	$ 50.00	$ 17.50	$ 43.50	$ 61.00	$ 61
1319			**Inlet Protection:**	**EA**	**8**	**0%**	**8**						
1320	**Sheet 7**	**Details-B/Sheet 6**	12" x 38" Gravel Bag (35-40 Lbs) Note: Details Are Assumed.	EA	112	0%	112	0.250	$ 50.00	$ 12.50	$ 16.50	$ 29.00	$ 3,248
1321			**Concrete Washout As:**	**SF**	**2372**	**10%**	**2609**						
1322			10 Mil Plastic Lining	SF	2846	10%	3131	0.010	$ 50.00	$ 0.50	$ 0.22	$ 0.72	$ 2,254
1323			12" x 38" Gravel Bag (35-40 Lbs) Note: Details Are Assumed.	EA	59	0%	59	0.250	$ 50.00	$ 12.50	$ 16.50	$ 29.00	$ 1,714
1324	**Sheet 7**	**Details-B/Sheet 6**	12" High Lath And Flagging Note: Height Is Assumed.	LF	197	10%	217	0.041	$ 50.00	$ 2.05	$ 1.25	$ 3.30	$ 715
1325			Concrete Washout Sign Incl. - Plywood 48" x 24" Painted White w/ 6" Height Black Letter - 3" x 3" x 8'-0" Wood Post (2 EA)	EA	1	0%	1	1.000	$ 50.00	$ 50.00	$ 120.50	$ 170.50	$ 171
1326			Excavation	CY	264	10%	290	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 10,872
1327			**Silt Fence As:**	**LF**	**150**	**10%**	**165**						
1328	**Sheet 7**	**Details-B/Sheet 6**	2" x 2" x 4'-0" High Wood Stake @ 8'-0" O.C.	EA	20	0%	20	0.150	$ 50.00	$ 7.50	$ 11.40	$ 18.90	$ 373
1329			Filter Fabric	SF	450	10%	495	0.010	$ 50.00	$ 0.50	$ 0.56	$ 1.06	$ 525
1330			6" x 6" Trenching	CY	1	10%	2	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 57

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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Scope: GC Estimating



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1331			**Fiber Rolls As:**	**LF**	**2085**	**10%**	**2294**						
1332	**Sheet 7**	**Details-B/Sheet 6**	3/4" x 3/4" x 2'-0" High Wood Stake @ 4'-0" O.C.	EA	522	0%	522	0.160	$ 50.00	$ 8.00	$ 5.50	$ 13.50	$ 7,050
1333			8" Dia Fiber Roll	LF	2085	10%	2294	0.028	$ 50.00	$ 1.40	$ 5.25	$ 6.65	$ 15,252
												SUBTOTAL	**$ 596,448**
			EXTERIOR IMPROVEMENTS										
			BASES, BALLASTS AND PAVING										
			FLEXIBLE PAVING:										
			Light Duty Asphalt Pavement As:										
1334			3" Thick Light Duty Asphalt Concrete	SF	34534	10%	37988	0.010	$ 65.00	$ 0.65	$ 1.47	$ 2.12	$ 80,534
1335			Primar Coat **Note: Added On Assumption Base.**	SF	34534	10%	37988	0.002	$ 65.00	$ 0.10	$ 0.18	$ 0.28	$ 10,542
1336			4" Aggregate Base **Note: Added On Assumption Base.**	SF	34534	10%	37988	0.004	$ 65.00	$ 0.26	$ 0.49	$ 0.75	$ 28,491
	4	**5**											
			Light Duty Asphalt Pavement As:										
1337			4" Thick Heavy Duty Asphalt Concrete	SF	139844	10%	153829	0.010	$ 65.00	$ 0.65	$ 1.96	$ 2.61	$ 401,493
1338			Primar Coat **Note: Added On Assumption Base.**	SF	139844	10%	153829	0.002	$ 65.00	$ 0.10	$ 0.18	$ 0.28	$ 42,687
1339			4" Aggregate Base **Note: Added On Assumption Base.**	SF	139844	10%	153829	0.004	$ 65.00	$ 0.26	$ 0.49	$ 0.75	$ 115,372
			RIGID PAVING:										
			Concrete Pavement As:										
1340			6" Drive-Thru Concrete Pavement 3000 PSI	SF	4527	10%	4980	0.050	$ 65.00	$ 3.25	$ 4.10	$ 7.35	$ 36,604
1341			Primar Coat **Note: Added On Assumption Base.**	SF	4527	10%	4980	0.002	$ 65.00	$ 0.10	$ 0.18	$ 0.28	$ 1,382
1342			4" Aggregate Base **Note: Added On Assumption Base.**	SF	4527	10%	4980	0.004	$ 65.00	$ 0.26	$ 0.49	$ 0.75	$ 3,735
			Concrete Pad As:										
1343			4" Thick Concrete Pump Pad Note: Verify Thickness & Color With Owner.	CY	96	10%	105	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 57,519
1344			Foam Work	SF	126	10%	138	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 311
1345			4" Thick Concrete Car Parking Pad Note: Verify Thickness & Color With Owner.	CY	1674	10%	1842	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,008,445
1346	**2,3**	**5**	Foam Work	SF	130	10%	143	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 322
1347			3-1/2" Thick Concrete Pad @ Bicycle Rack	CY	3	10%	3	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 1,595
1348			Foam Work	SF	32	10%	35	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 79
			Concrete Footing For Signage As:										
1349			10" Dia x 36"Deep Concrete Footing	CY	0.12	10%	0	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 72
1350			Excavation	CY	0.38	10%	0	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 16
1351			24" Dia x 7'-6' Deep Reinf. Concrete Footing	CY	1	10%	1	3.500	$ 65.00	$ 227.50	$ 320.00	$ 547.50	$ 495
1352			5/8" Dia x 18" Long Bolts	EA	18	0%	18	0.120	$ 60.00	$ 7.20	$ 8.50	$ 15.70	$ 283
1353			#5 Bar	LBS	113	10%	124	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 248
1354			#3 Ties	LBS	34	10%	37	0.015	$ 60.00	$ 0.90	$ 1.10	$ 2.00	$ 74
1355			Excavation	CY	3	10%	3	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 106
			SIDEWALKS:										
			Concrete Sidewalk As:										
1356			4" Thick Concrete Class B Sidewalk (5 Sacks Per CU. YD) - Strength 3000 PSI	SF	11894	10%	13083	0.045	$ 65.00	$ 2.93	$ 4.12	$ 7.05	$ 92,169

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
1357	2,3	5	4" Thick Gravel Base **Note: Added On Assumption Base.**	SF	11894	10%	13083	0.004	$ 65.00	$ 0.26	$ 0.49	$ 0.75	$ 9,812
1358			1/4" Wide Saw Cut @ 5'-0" O.C **Note: Added On Assumption Base.**	LF	2379	10%	2617	0.020	$ 40.00	$ 0.80	$ 0.17	$ 0.97	$ 2,538
			CURBS AND GUTTERS:										
			6" Concrete Curb and 24" Gutter As:										
1359			6" Class B Concrete Curb w/ V-Gutter - Strength 3000 PSI	LF	2241	10%	2465	0.120	$ 65.00	$ 7.80	$ 13.56	$ 21.36	$ 52,659
1360			Foam Work	SF	2241	10%	2465	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 5,547
			6" Concrete Curb As:										
1361	2,3	5	6" Class B Concrete Curb (5 Sack)	LF	3505	10%	3855	0.120	$ 65.00	$ 7.80	$ 13.56	$ 21.36	$ 82,347
1362			Foam Work	SF	1752	10%	1928	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 4,337
			6" Retaining Concrete Curb As:										
1363			6-1/2"W x 2'-0'Deep Class "B" Retaining Concrete Curb (5-1/2" Sack Cement Per Yard)	LF	112	10%	123	0.120	$ 65.00	$ 7.80	$ 13.85	$ 21.65	$ 2,667
1364			Excavation	CY	2	10%	2	0.750	$ 50.00	$ 37.50	$ -	$ 37.50	$ 86
1365			Foam Work	SF	112	10%	123	0.050	$ 45.00	$ 2.25	$ -	$ 2.25	$ 277
			SITE IMPROVEMENTS										
			Fuel Canopy & Dispenser:										
1366	A1.0	A1.0	59'-6" x 130'-0" Fuel Canopy	EA	1	0%	1	928.200	$ 65.00	$ 60,333.00	$ 348,075.00	$ 408,408.00	$ 408,408
1367			Fuel Dispenser	EA	10	0%	10	15.000	$ 65.00	$ 975.00	$ 9,522.00	$ 10,497.00	$ 104,970
			Signage:										
1368			"R100B" Accessible Parking Lot Entrance Sign	EA	2	0%	2	1.250	$ 65.00	$ 81.25	$ 152.25	$ 233.50	$ 467
1369	2,A1.0	2,A1.0	Painted ADA Parking Stall Sign w/ 2" Dia Steel Pipe (9'-8" H) - R99 (CA) Disable Parking Sign Aluminum Plate - R7-8B Van Accessible Sign Aluminum Plate - 9"x12" Sign Stating Aluminum Plate	EA	5	0%	5	3.250	$ 65.00	$ 211.25	$ 320.00	$ 531.25	$ 2,656
1370			Owner's Monument Sign To Display Fuel Prices	EA	2	0%	2	120.000	$ 65.00	$ 7,800.00	$ 18,520.00	$ 26,320.00	$ 52,640
1371			17"x22" Pole Mounted Sign w/ 1" High Letters	EA	1	0%	1	1.850	$ 65.00	$ 120.25	$ 215.00	$ 335.25	$ 335
			SITE FURNISHINGS:										
1372	A1.0	A1.0	U-Shaped Loop Bicycle Parking Rack	EA	4	0%	4	2.520	$ 65.00	$ 163.80	$ 385.25	$ 549.05	$ 2,196
			Stripping:										
1373			4" Wide Parking Strip - Paint: White	LF	2367	10%	2604	0.024	$ 56.00	$ 1.34	$ 2.25	$ 3.59	$ 9,359
1374	2	5	4" Wide Parking Strip - Paint: Blue - 2 Coats	LF	238	10%	262	0.024	$ 56.00	$ 1.34	$ 2.25	$ 3.59	$ 942
1375			4" Wide Crosswalk Strip - Paint: White	LF	436	10%	480	0.024	$ 56.00	$ 1.34	$ 2.25	$ 3.59	$ 1,724
			Directional Arrow:										
1376			6'-6" x 7'-10" Painted Direction Arrow - Paint: White	EA	4	0%	4	1.272	$ 56.00	$ 71.25	$ 94.16	$ 165.41	$ 662
1377	A1.0	A1.0	3'-6" x 7'-2" Painted Direction Arrow - Paint: White	EA	10	0%	10	0.627	$ 56.00	$ 35.12	$ 46.41	$ 81.52	$ 815
1378			6'-6" x 8'-0" Painted Direction Arrow - Paint: White	EA	1	0%	1	1.300	$ 56.00	$ 72.80	$ 96.20	$ 169.00	$ 169
1379			6'-4" x 8'-2" Painted Direction Arrow - Paint: White	EA	3	0%	3	1.292	$ 56.00	$ 72.38	$ 95.64	$ 168.02	$ 504
			Painted Signage:										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
1380	2	5	3'-0' x 3'-0" Accessibility Symbol - 2 Coats White Paint Beaded Reflective - 2 Coats Blue Background Paint	EA	3	0%	3	1.500	$ 56.00	$ 84.00	$ 120.50	$ 204.50	$ 614
1381			3'-0' x 3'-0" Van Accessibility Symbol - 2 Coats White Paint Beaded Reflective - 2 Coats Blue Background Paint	EA	3	0%	3	1.500	$ 56.00	$ 84.00	$ 120.50	$ 204.50	$ 614
			MANUFACTURED SITE SPECIALTIES:										
1382	2	5	4"Dia x 24"W x 36"H U-Shaped Metal Bollard w/ Base Plate & Bolts	EA	20	0%	20	3.500	$ 56.00	$ 196.00	$ 585.50	$ 781.50	$ 15,630
			PAVING SPECIALTIES:										
1383	2	5	8"W x 6"H x 48"L Pre-Cast Parking Bumper	EA	9	0%	9	1.000	$ 56.00	$ 56.00	$ 76.50	$ 132.50	$ 1,193
1384			Detectable Warning Surfacing	SF	324	10%	356	0.025	$ 56.00	$ 1.40	$ 27.50	$ 28.90	$ 10,294
			TURF AND GRASSES										
1385	2	5	Landscaping Area	SF	4004	10%	4404	0.020	$ 56.00	$ 1.12	$ 1.25	$ 2.37	$ 10,439
												SUBTOTAL	**$ 2,667,474**
			UTILITIES										
			SANITARY SEWERAGE										
			SANITARY UTILITY SEWERAGE PIPING:										
1386	Sheet4	Details/Sheet4	4" Dia PVC Pipe	LF	10	10%	11	0.200	$ 80.00	$ 16.00	$ 8.50	$ 24.50	$ 270
1387			8" Dia PVC Pipe	LF	1067	10%	1174	0.240	$ 80.00	$ 19.20	$ 14.50	$ 33.70	$ 39,559
1388			Pipe Casing For 8" Dia PVC Pipe	LF	224	10%	246	0.752	$ 80.00	$ 60.16	$ 65.32	$ 125.48	$ 30,918
			SANITARY SEWERAGE EQUIPMENT:										
1389	Sheet 3	S-7/Sheet 4	Tag: SMH No.1 Description" 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 6'-5" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Groove And Mortar @ Bottom - 24" Dia Alhambra Foundry No. A-1254 Manhole Cover - 1/2" Thick Cement Mortar @ Ring - 8" Thick Class "A" Concrete @ Collar	EA	1	0%	1	4.500	$ 80.00	$ 360.00	$ 4,850.00	$ 5,210.00	$ 5,210
1390			Tag: SMH No.2 Description" 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 8'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Groove And Mortar @ Bottom - 24" Dia Alhambra Foundry No. A-1254 Manhole Cover - 1/2" Thick Cement Mortar @ Ring - 8" Thick Class "A" Concrete @ Collar	EA	2	0%	2	5.250	$ 80.00	$ 420.00	$ 5,250.00	$ 5,670.00	$ 11,340
1391	Sheet 3	S-7/Sheet 4	Tag: SMH No.3 Description" 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 9'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Groove And Mortar @ Bottom - 24" Dia Alhambra Foundry No. A-1254 Manhole Cover - 1/2" Thick Cement Mortar @ Ring - 8" Thick Class "A" Concrete @ Collar	EA	2	0%	2	5.500	$ 80.00	$ 440.00	$ 5,850.00	$ 6,290.00	$ 12,580

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
1392			Tag: SMH No.4 Description" 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 7'-6" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Groove And Mortar @ Bottom - 24" Dia Alhambra Foundry No. A-1254 Manhole Cover - 1/2" Thick Cement Mortar @ Ring - 8" Thick Class "A" Concrete @ Collar	EA	1	0%	1	5.500	$ 80.00	$ 440.00	$ 5,100.00	$ 5,540.00	$ 5,540
1393	Sheet 3	S-7/Sheet 4	Tag: SMH No.5 Description" 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 10'-6" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Groove And Mortar @ Bottom - 24" Dia Alhambra Foundry No. A-1254 Manhole Cover - 1/2" Thick Cement Mortar @ Ring - 8" Thick Class "A" Concrete @ Collar	EA	1	0%	1	8.500	$ 80.00	$ 680.00	$ 8,500.00	$ 9,180.00	$ 9,180
1394			Tag: SMH No.6 Description" 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 10'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Groove And Mortar @ Bottom - 24" Dia Alhambra Foundry No. A-1254 Manhole Cover - 1/2" Thick Cement Mortar @ Ring - 8" Thick Class "A" Concrete @ Collar	EA	1	0%	1	8.500	$ 80.00	$ 680.00	$ 8,250.00	$ 8,930.00	$ 8,930
			STORM WATER UTILITIES										
			SUBDRAINAGE:										
1395	Sheet 3	As Shown/ Sheet 3	18" Dia HDPE Storm Pipe	LF	887	10%	975	0.280	$ 80.00	$ 22.40	$ 14.50	$ 36.90	$ 35,995
1396			18" Dia RGJ-RCP Dain Pipe	LF	202	10%	222	0.320	$ 80.00	$ 25.60	$ -	$ 25.60	$ 5,686
1397			24" Dia HDPE Storm Pipe	LF	842	10%	927	0.340	$ 80.00	$ 27.20	$ 18.50	$ 45.70	$ 42,343
			TRANSMISSION AND DISTRIBUTION:										
1398	Sheet 3	As Shown/ Sheet 3	Tag: Drain Manhole No.1 Description: 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 13'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Galvanized Steps @ 12" O.C. - 24" Dia Gray Cast Iron Manhole Cover w/ 4 1/2" High Cover Ring	EA	1	0%	1	10.500	$ 80.00	$ 840.00	$ 10,850.00	$ 11,690.00	$ 11,690
1399			Tag: Drain Manhole No.2 Description: 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 10'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Galvanized Steps @ 12" O.C. - 24" Dia Gray Cast Iron Manhole Cover w/ 4 1/2" High Cover Ring	EA	1	0%	1	8.500	$ 80.00	$ 680.00	$ 8,250.00	$ 8,930.00	$ 8,930
1400			Tag: Drain Manhole No.3 Description: 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 5'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Galvanized Steps @ 12" O.C. - 24" Dia Gray Cast Iron Manhole Cover w/ 4 1/2" High Cover Ring	EA	1	0%	1	4.000	$ 80.00	$ 320.00	$ 3,850.00	$ 4,170.00	$ 4,170
1401			Tag: Drain Manhole No.4 Description: 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 7'-0" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Galvanized Steps @ 12" O.C. - 24" Dia Gray Cast Iron Manhole Cover w/ 4 1/2" High Cover Ring	EA	1	0%	1	5.500	$ 80.00	$ 440.00	4252.000	$ 4,692.00	$ 4,692

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
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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
1402	Sheet 3	As Shown/ Sheet 3	Tag: Drain Manhole No.5 Description: 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 5'-6" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Galvanized Steps @ 12" O.C. - 24" Dia Gray Cast Iron Manhole Cover w/ 4 1/2" High Cover Ring	EA	1	0%	1	4.250	$ 80.00	$ 340.00	$ 4,100.00	$ 4,440.00	$ 4,440
1403			Tag: Drain Manhole No.6 Description: 48" Dia Precast Concrete Manhole Incl. - Height Of Manhole: 5'-6" High - 1'-9" Thick Class-A Reinforced Concrete Bed - Galvanized Steps @ 12" O.C. - 24" Dia Gray Cast Iron Manhole Cover w/ 4 1/2" High Cover Ring	EA	1	0%	1	4.250	$ 80.00	$ 340.00	$ 4,100.00	$ 4,440.00	$ 4,440
			STORM UTILITY WATER DRAINS:										
1404	Sheet 3	As Shown/ Sheet 3	Tag: Catch Basin No.01 Description: 5'-6" x 3'-6" Precast Concrete Catch Basin Incl. - Height Of Inlet: 5'-0" High - 6" Thick Sand Bed - 3'-4" x 5'-4" Heavy Duty Welded Steel Grate	EA	1	0%	1	4.850	$ 80.00	$ 388.00	$ 3,850.00	$ 4,238.00	$ 4,238
1405			Tag: Catch Basin No.02 Description: 5'-6" x 3'-6" Precast Concrete Catch Basin Incl. - Height Of Inlet: 4'-0" High - 6" Thick Sand Bed - 3'-4" x 5'-4" Heavy Duty Welded Steel Grate	EA	3	0%	3	4.500	$ 80.00	$ 360.00	$ 3,450.00	$ 3,810.00	$ 11,430
1406			Tag: Catch Basin No.03 Description: 5'-6" x 3'-6" Precast Concrete Catch Basin Incl. - Height Of Inlet: 4'-0" High - 6" Thick Sand Bed - 3'-4" x 5'-4" Heavy Duty Welded Steel Grate	EA	1	0%	1	4.500	$ 80.00	$ 360.00	$ 3,450.00	$ 3,810.00	$ 3,810
1407	Sheet 3	As Shown/ Sheet 3	Tag: Catch Basin No.04 Description: 5'-6" x 3'-6" Precast Concrete Catch Basin Incl. - Height Of Inlet: 5'-0" High - 6" Thick Sand Bed - 3'-4" x 5'-4" Heavy Duty Welded Steel Grate	EA	1	0%	1	4.850	$ 80.00	$ 388.00	$ 3,850.00	$ 4,238.00	$ 4,238
1408			Tag: Catch Basin No.05 Description: 5'-6" x 3'-6" Precast Concrete Catch Basin Incl. - Height Of Inlet: 5'-6" High - 6" Thick Sand Bed - 3'-4" x 5'-4" Heavy Duty Welded Steel Grate	EA	1	0%	1	4.850	$ 80.00	$ 388.00	$ 3,850.00	$ 4,238.00	$ 4,238
1409			Tag: Drip Inlet No.01 Description: 5'-6" x 3'-6" Precast Concrete Drip Inlet Incl. - Height Of Inlet: 5'-0" High - 6" Thick Sand Bed - 3'-4" x 5'-4" Heavy Duty Welded Steel Grate	EA	1	0%	1	4.850	$ 80.00	$ 388.00	$ 3,850.00	$ 4,238.00	$ 4,238
			PONDS AND RESERVOIRS:										
	Sheet 3	As Shown/ Sheet 3	**RETENTION POND:**										
1410			Tag: OFS Description: Precast Concrete Outfall Structure For 24" Dia Pipe	EA	1	0%	1	3.500	$ 80.00	$ 280.00	$ 1,585.00	$ 1,865.00	$ 1,865
1411			Excavation	CY	14338	10%	15772	0.325	$ 80.00	$ 26.00	$ -	$ 26.00	$ 410,067
1412			6'-0" Wide Sodded Berm Note: Added On Assumption Based.	SF	6558	10%	7214	0.020	$ 80.00	$ 1.60	$ 1.50	$ 3.10	$ 22,363
			FUEL DISTRIBUTION UTILITIES										
			FUEL STORAGE TANKS:										
1413	A1.01	As Shown/A1.01	30000 Gal Capacity Underground Fuel Tank Note: Details Are Assumed.	EA	2	0%	2	150.500	$ 80.00	$ 12,040.00	$ 185,000.00	$ 197,040.00	$ 394,080
			COLD WATER PIPE (BELOW GRADE)										

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
			Type "L" Har Drawn Copper Tubing With Lead Free Joints (Assumed)										
1414			2-1/2" Dia Cold Water Pipe	LF	67	10%	74	0.194	$ 80.00	$ 15.48	$ 34.50	$ 49.98	$ 3,695.07
			COLD WATER PIPE FITTINGS										
			BEND										
1415			2-1/2" Dia Cold Water Pipe 90 Deg Bend	EA	1	0%	1	0.923	$ 80.00	$ 73.86	$ 103.00	$ 176.86	$ 176.86
			TEE										
1416			2-1/2" / 2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.500	$ 80.00	$ 120.00	$ 184.00	$ 304.00	$ 304.00
			WASTE PIPE (BELOW GRADE)										
			Schedule 40, PVC Pipe With Fittings (Assumed)										
1417			4" Dia Waste Pipe	LF	91	10%	100	0.250	$ 80.00	$ 19.98	$ 5.96	$ 25.94	$ 2,588.89
			WASTE PIPE FITTINGS										
			BEND										
1418			4" Dia Waste Pipe 90 Deg Bend	EA	2	0%	2	0.659	$ 80.00	$ 52.74	$ 17.10	$ 69.84	$ 139.68
1419			4" Dia Waste Pipe 45 Deg Bend	EA	3	0%	3	0.659	$ 80.00	$ 52.74	$ 22.50	$ 75.24	$ 225.72
			WYE										
1420			4" Dia Waste Pipe Wye	EA	5	0%	5	0.992	$ 80.00	$ 79.32	$ 25.50	$ 104.82	$ 524.10
			GREASE WASTE PIPE (BELOW GRADE)										
			Schedule 40, PVC Pipe With Fittings (Assumed)										
1421			4" Dia Grease Waste Pipe	LF	19	10%	21	0.250	$ 80.00	$ 19.98	$ 5.96	$ 25.94	$ 542.15
			GREASE WASTE PIPE FITTINGS										
			BEND										
1422	P1.0	AS PER PLUMBING SITE	4" Dia Grease Waste Pipe 90 Deg Bend	EA	1	0%	1	0.659	$ 80.00	$ 52.74	$ 17.10	$ 69.84	$ 69.84
			VENT PIPE (BELOW GRADE)										
			Schedule 40, PVC Pipe With Fittings (Assumed)										
1423			3" Dia Vent Pipe	LF	28	10%	31	0.227	$ 80.00	$ 18.16	$ 3.67	$ 21.83	$ 679.09
			VENT PIPE FITTINGS										
			BEND										
1424			3" Dia Vent Pipe 90 Deg Bend	EA	1	0%	1	0.524	$ 80.00	$ 41.92	$ 9.55	$ 51.47	$ 51.47
			FIXTURE										
1425			Grease Interceptor With Sample Pit, 750 Gallons	EA	1	0%	1	25.000	$ 80.00	$ 2,000.00	$ 10,614.00	$ 12,614.00	$ 12,614.00
			MISCELLANEOUS										
1426			2" Dia Reduced Pressure Backflow Preventor	EA	1	0%	1	2.120	$ 80.00	$ 169.60	$ 1,819.99	$ 1,989.59	$ 1,989.59
			CLEANOUTS & DRAINS										
1427			4" Dia 2-Way COTG	EA	1	0%	1	0.900	$ 80.00	$ 72.00	$ 125.50	$ 197.50	$ 197.50
1428			4" Dia COTG	EA	1	0%	1	0.880	$ 80.00	$ 70.40	$ 120.00	$ 190.40	$ 190.40
			VALVES										
1429			2-1/2" Dia Shutoff Valve In Yard Box With Cover	EA	1	0%	1	1.500	$ 80.00	$ 120.00	$ 220.95	$ 340.95	$ 340.95
			PVC COUPLING										
1430			3" Dia	EA	3	0%	3						
1431			4" Dia	EA	11	0%	11						
			TRENCHING & BACKFILLING										
1432			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and M	CFT	615	0%	615	0.060	$ 80.00	$ 4.80	$ -	$ 4.80	$ 2,952.00
			DISTRIBUTION										
			CONDUIT										
1433			5" EMT Conduit With Pull String (Secondary Conduit) (Wire By Utility)	LF	50	10%	55	0.132	$ 80.00	$ 10.56	$ 12.85	$ 23.41	$ 1,287.55
1434			4" PVC SCH 40 Conduit With Pull String (Primary Conduit) (Wire By Utility)	LF	69	10%	76	0.085	$ 80.00	$ 6.80	$ 6.12	$ 12.92	$ 976.36
1435			5" PVC SCH 40 Conduit With Pull String (Secondary Conduit) (Wire By Utility)	LF	110	10%	121	0.095	$ 80.00	$ 7.60	$ 9.31	$ 16.91	$ 2,046.11
			DISCONNECT										
1436			2P/30A Non Fused Disconnect Switch, NEMA 3R	EA	3	0%	3	0.750	$ 80.00	$ 60.00	$ 96.74	$ 156.74	$ 470.22
			GROUNDING										

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
1437			3/8"x10' CU Ground Rod	EA	8	0%	8	0.500	$ 80.00	$ 40.00	$ 55.08	$ 95.08	$ 760.64
1438			#8 CU Grounding Conductor	LF	80	10%	88	0.009	$ 80.00	$ 0.72	$ 0.56	$ 1.28	$ 112.64
			POWER										
			CONDUIT										
1439			1" EMT Conduit	LF	2460	10%	2706	0.050	$ 80.00	$ 4.00	$ 1.65	$ 5.65	$ 15,288.90
1440			1" PVC SCH 40 Conduit	LF	4002	10%	4402	0.064	$ 80.00	$ 5.12	$ 3.66	$ 8.78	$ 38,651.32
1441			1" LFMC Conduit	LF	9	10%	10	0.078	$ 80.00	$ 6.24	$ 4.29	$ 10.53	$ 106.84
1442			1" RGS Conduit	LF	15	10%	17	0.123	$ 80.00	$ 9.84	$ 4.72	$ 14.56	$ 242.64
			CONDUCTOR										
1443			#10 CU THHN/THWN	LF	6485	10%	7134	0.008	$ 80.00	$ 0.64	$ 0.38	$ 1.02	$ 7,276.17
1444			#8 CU THHN/THWN	LF	382	10%	420	0.009	$ 80.00	$ 0.72	$ 0.56	$ 1.28	$ 537.86
1445			#6 CU THHN/THWN	LF	12588	10%	13847	0.010	$ 80.00	$ 0.80	$ 0.86	$ 1.66	$ 22,985.69
			LUGS										
1446			Compression Lug CU With 1-Hole , #6 CU Wire	EA	12	0%	12	0.400	$ 75.00	$ 30.00	$ 2.94	$ 32.94	$ 395.28
1447			Heat Shrink Tubing for #6 CU Wire	EA	12	0%	12	0.220	$ 75.00	$ 16.50	$ 0.21	$ 16.71	$ 200.52
			DEVICE										
1448			Equipment Connection	EA	3	0%	3	1.254	$ 80.00	$ 100.32	$ -	$ 100.32	$ 300.96
			SITE LIGHTING										
			CONDUIT										
1449			3/4" EMT Conduit	LF	43	10%	47	0.045	$ 80.00	$ 3.60	$ 1.00	$ 4.60	$ 217.74
1450			1" EMT Conduit	LF	192	10%	211	0.050	$ 80.00	$ 4.00	$ 1.65	$ 5.65	$ 1,193.28
1451			1" PVC SCH 40 Conduit	LF	795	10%	875	0.078	$ 80.00	$ 6.24	$ 4.29	$ 10.53	$ 9,212.60
			CONDUCTOR							$ -			
1452			#10 CU THHN/THWN	LF	1642	10%	1806	0.008	$ 80.00	$ 0.64	$ 0.38	$ 1.02	$ 1,842.32
1453	E1.0	From Electrical Drawings	#8 CU THHN/THWN	LF	798	10%	878	0.009	$ 80.00	$ 0.72	$ 0.56	$ 1.28	$ 1,123.58
1454			#6 CU THHN/THWN	LF	1300	10%	1430	0.010	$ 80.00	$ 0.80	$ 0.86	$ 1.66	$ 2,373.80
			LIGHTING FIXTURES										
1455			S3 – D-Series Size 0 Area Luminaire P3 Performance Package, 4000K CCT, 80CRI, Type III Medium, 16ft Mounting Height, Lithonia Lighting, DSX0 LED P3 40K 80CRI T3M MVOLT SPA PIRH DDBXD/SSS 18FT 4C DM19AS, 137.9W, 8070 Lumens. W/ Lighting Pole	EA	2	0%	2	3.500	$ 80.00	$ 280.00	$ 1,819.86	$ 2,099.86	$ 4,199.72
1456			Hand Hole	EA	2	0%	2	0.550	$ 80.00	$ 44.00	$ 84.97	$ 128.97	$ 257.94
1457			Chamfer	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 32.95	$ 64.95	$ 129.90
1458			5/8" x 18" Long Boalt's	EA	8	0%	8	0.150	$ 80.00	$ 12.00	$ 11.00	$ 23.00	$ 184.00
1459			S4 – D-Series Size 0 Area Luminaire, P3 Performance Package, 4000K CCT, 80CRI, Type 3 Medium, Type IV Medium Distribution, Lithonia Lighting, DSX0 LED P3 40K 80CRI T3M MVOLT SPA PIRH DDBXD/SSS 18FT 4C DM19AS [Finish], 68.95W, 8070 Lumens, 16FT Mounting Height. W/ Lighting Pole	EA	4	0%	4	3.500	$ 80.00	$ 280.00	$ 1,819.86	$ 2,099.86	$ 8,399.44
1460			Hand Hole	EA	4	0%	4	0.550	$ 80.00	$ 44.00	$ 84.97	$ 128.97	$ 515.88
1461			Chamfer	EA	4	0%	4	0.400	$ 80.00	$ 32.00	$ 32.95	$ 64.95	$ 259.80
1462			5/8" x 18" Long Boalt's	EA	16	0%	16	0.150	$ 80.00	$ 12.00	$ 11.00	$ 23.00	$ 368.00
1463			S5 – D-Series Size 0 Area Luminaire, P3 Performance Package, 4000K CCT, 80CRI, Type 5 Wide Distribution, Lithonia Lighting, (2) DSX0 LED P3 40K 80CRI T5W MVOLT SPA PIRH DDBXD/SSS 18FT 4C DM19AS [Finish], 137.9W, 8563 Lumens, 16FT Mounting Height. W/ Lighting Pole	EA	2	0%	2	3.500	$ 80.00	$ 280.00	$ 1,819.86	$ 2,099.86	$ 4,199.72
1464			Hand Hole	EA	2	0%	2	0.550	$ 80.00	$ 44.00	$ 84.97	$ 128.97	$ 257.94
1465			Chamfer	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 32.95	$ 64.95	$ 129.90
1466			5/8" x 18" Long Boalt's	EA	8	0%	8	0.150	$ 80.00	$ 12.00	$ 11.00	$ 23.00	$ 184.00
			COMMUNICATION										
			CONDUIT										
1467			2" EMT Conduit With Pull String	LF	20	10%	22	0.178	$ 80.00	$ 14.24	$ 8.38	$ 22.62	$ 497.64
1468			2" PVC SCH 40 Conduit With Pull String	LF	176	10%	194	0.068	$ 80.00	$ 5.44	$ 3.12	$ 8.56	$ 1,657.22
			MISCELLANEOUS										
1469			Junction Box WP	EA	22	0%	22	0.525	$ 80.00	$ 42.00	$ 28.44	$ 70.44	$ 1,549.68

DETAILED BREAKDOWN OF ITEMS

Prepared for: Industrial Estimating
Project ID: 11102025
Scope: GC Estimating

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			TRENCHING & BACKFILLING										
1470			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1966	0%	1966	0.060	$ 80.00	$ 4.80	$ -	$ 4.80	$ 9,436.80
1471			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment (Secondary)	CFT	44	0%	44	0.060	$ 80.00	$ 4.80	$ -	$ 4.80	$ 211.20
1472			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment (Primary)	CFT	138	0%	138	0.060	$ 80.00	$ 4.80	$ -	$ 4.80	$ 662.40
1473			Excavation & Backfilling (2' Deep x 2' Wide Trench) Including All Labor and Material/Equipment	CFT	1192	0%	1192	0.060	$ 80.00	$ 4.80	$ -	$ 4.80	$ 5,721.60

SUBTOTAL	**$ 1,280,186**
PROJECTED COST	**$7,167,076**
OVERHEAD AND PROFIT	**15% $1,075,061**
INSURANCE	**10% $716,708**
CONTINGENCY	**5% $358,354**
TAX	**13.0% $503,075**
SUGGESTED BID	**$9,820,273**

Notes:

1. Water Utilities Are Not Shown On The Civil Plan; Therefore, We Have Assumed That The Water Utilities Are Existing. Please Verify.