

COMET ESTIMATING

ESTIMATION & TAKEOFF COMPANY

FULL-SCOPE CONSTRUCTION ESTIMATE

Summary of Costs & Material Take-Off

SCOPE OF WORK	BUILDING AREA	COST PER SF	SUGGESTED BASE BID
Full Scope	22,332 GSF	$209.45	$4,677,487.32

Project Summary

Division-wise cost breakdown and suggested base bid

PROJECT ID	—	ADDRESS	—	NO. OF FLOORS	—	BUILDING GSF	22,332 SF

DIVISION NO.	DESCRIPTION	TOTAL DIVISION COST	TOTAL DIVISION COST (PER SF)	TAKE-OFF PAGE
1000	General Requirements	$332,934.19	$14.91	p. 3
2000	Demolition/Site Work	$39,101.39	$1.75	p. 3
3000	Concrete	$107,271.62	$4.80	p. 4
5000	Metals	$178,327.58	$7.99	p. 6
6000	Wood, Plastics and Composites	$60,439.68	$2.71	p. 8
7000	Thermal and Moisture Protection	$58,507.02	$2.62	p. 10
8000	Openings	$139,041.31	$6.23	p. 11
9000	Finishes	$493,976.44	$22.12	p. 13
10000	Specialties	$25,655.37	$1.15	p. 27
11000	Appliances	$29,524.54	$1.32	p. 28
12000	Furnishings	$55,611.16	$2.49	p. 28
22000	Plumbing	$65,147.79	$2.92	p. 30
23000	HVAC/Mechanical	$256,201.35	$11.47	p. 31
26000	Electrical	$263,997.56	$11.82	p. 36
31000	Earthwork	$745,396.46	$33.38	p. 40
32000	Exterior Improvement	$745,150.32	$33.37	p. 40
33000	Utilities	$58,003.20	$2.60	p. 47
PROJECTED COST		**$3,654,286.97**	**$163.63**	
Overhead and Profit	20%	$730,857.39	$32.73	
Insurance	3%	$109,628.61	$4.91	
Contingency	5%	$182,714.35	$8.18	
SUGGESTED BASE BID		**$4,677,487.32**	**$209.45**	

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Material Take-Off

Detailed quantities, labor, material and equipment costs by division

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
01. GENERAL REQUIREMENTS														
1	Supervision and Coordination	1.00	LS	0%	1.00	714.22	$93.23	714.22	$66,586.84	–	–	–	–	**$66,586.84**
2	Submittals and Shop drawings	1.00	LS	0%	1.00	589.23	$93.23	589.23	$54,934.14	–	–	–	–	**$54,934.14**
3	Final Cleaning	1.00	LS	0%	1.00	303.54	$93.23	303.54	$28,299.41	–	–	–	–	**$28,299.41**
4	Mobilization Costs	1.00	LS	0%	1.00	721.36	$93.23	721.36	$67,252.71	–	–	–	–	**$67,252.71**
5	Bond @ 2%	1.00	LS	0%	1.00	714.22	$93.23	714.22	$66,586.84	–	–	–	–	**$66,586.84**
6	Temporary Control & Facilities	1.00	LS	0%	1.00	349.97	$93.23	349.97	$32,627.55	–	–	–	–	**$32,627.55**
7	Scaffolding	1.00	LS	0%	1.00	178.56	$93.23	178.56	$16,646.71	–	–	–	–	**$16,646.71**
													SUBTOTAL	**$332,934.19**
02. EXISTING CONDITIONS / SITE WORK														
MEP Demolition														
8	Remove 200W Parking Lot Pole Light	10.00	EA	0%	10.00	3.951	$55.79	39.51	$2,204.26	–	–	–	–	**$2,204.26**
9	Remove Existing Pole Lights.	13.00	EA	0%	13.00	3.578	$55.79	46.51	$2,595.02	–	–	–	–	**$2,595.02**
10	Remove Existing Lighting Circuit For Parking Pole Lights	2.00	EA	0%	2.00	4.312	$55.79	8.62	$481.13	–	–	–	–	**$481.13**
Site Demolition														
11	Removed Existing Monument Sign	1.00	EA	0%	1.00	6.984	$66.94	6.98	$467.51	–	–	–	–	**$467.51**
12	Remove Existing Accessible Parking Signs, Retain for Relocations in New Plan.	4.00	EA	0%	4.00	0.50	$66.94	2.00	$133.88	–	–	–	–	**$133.88**
13	Removed Existing Tree	8.00	EA	0%	8.00	5.512	$66.94	44.10	$2,951.79	–	–	–	–	**$2,951.79**
14	Removed Existing Handicapped Signage	6.00	EA	0%	6.00	0.75	$66.94	4.50	$301.23	–	–	–	–	**$301.23**
15	Removed Existing Landscaping or Hardscape	2,644.75	SF	0%	2,644.75	0.05	$66.94	132.24	$8,851.98	–	–	–	–	**$8,851.98**
16	Removed Existing Asphalt Pavement	4,341.70	SF	0%	4,341.70	0.018	$66.94	78.15	$5,231.40	–	–	–	–	**$5,231.40**
17	Removed Existing Hardscape	391.10	SF	0%	391.10	0.085	$66.94	33.24	$2,225.32	–	–	–	–	**$2,225.32**
18	Kn#24: Removed Existing Improvements	4,274.52	SF	0%	4,274.52	0.025	$66.94	106.86	$7,153.41	–	–	–	–	**$7,153.41**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
19	Removed Existing Asphalt Striping • Surface Recoated, Sealed & Prepared for New Striping, Except Where Indicated.	2,134.53	LF	0%	2,134.53	0.035	$66.94	74.71	$5,000.99	–	–	–	–	**$5,000.99**
20	Removed Existing Vinyl Fence & Gates	112.30	LF	0%	112.30	0.20	$66.94	22.46	$1,503.47	–	–	–	–	**$1,503.47**
													SUBTOTAL	**$39,101.39**
03. CONCRETE														
Footings														
Pad Footing														
21	F3.0: (3'-0" w x 3'-0" L x 1'-6" H) Concrete Pad Footing Reinf. w/ • (3) #5 EW T&B Bars	0.50	CY	10%	0.55	4.59	$76.58	2.52	$193.33	$355.00	$195.25	–	–	**$388.58**
22	Formwork	18.00	SF	10%	19.80	0.045	$76.58	0.89	$68.23	–	–	–	–	**$68.23**
23	Excavation	0.60	CY	10%	0.66	0.50	$76.58	0.33	$25.27	–	–	–	–	**$25.27**
24	F4.5: (4'-6" w x 4'-6" L x 1'-6" H) Concrete Pad Footing Reinf. w/ • (3) #5 EW T&B Bars	2.25	CY	10%	2.48	4.59	$76.58	11.36	$869.97	$355.00	$878.62	–	–	**$1,748.59**
25	Formwork	54.00	SF	10%	59.40	0.045	$76.58	2.67	$204.70	–	–	–	–	**$204.70**
26	Excavation	2.70	CY	10%	2.97	0.50	$76.58	1.48	$113.72	–	–	–	–	**$113.72**
27	F5.0: (5'-0" w x 5'-0" L x 1'-6" H) Concrete Pad Footing Reinf. w/ • (3) #5 EW T&B Bars	2.78	CY	10%	3.06	4.59	$76.58	14.02	$1,074.03	$355.00	$1,084.72	–	–	**$2,158.76**
28	Formwork	60.00	SF	10%	66.00	0.045	$76.58	2.97	$227.44	–	–	–	–	**$227.44**
29	Excavation	3.33	CY	10%	3.67	0.50	$76.58	1.83	$140.40	–	–	–	–	**$140.40**
Continuous Footing														
30	(1'-6" w x 2'-0" H) Continuous Concrete Footing Reinf. w/ • (4) #4 Bars T&B • #3 Dowels @ 24" O.C. ,36" Min. Lap	31.37	CY	10%	34.50	3.32	$76.58	114.55	$8,772.01	$355.00	$12,248.25	–	–	**$21,020.26**
31	Formwork	1,129.16	SF	10%	1,242.08	0.045	$76.58	55.89	$4,280.32	–	–	–	–	**$4,280.32**
32	Excavation	37.64	CY	10%	41.40	0.50	$76.58	20.70	$1,585.30	–	–	–	–	**$1,585.30**
33	(1'-6" w x 2'-0" H) Continuous Concrete Footing Reinf. w/ • (4) #4 Bars T&B • #4 Dowel @ 48" O.C.	12.93	CY	10%	14.22	3.32	$76.58	47.22	$3,615.82	$355.00	$5,048.73	–	–	**$8,664.56**
34	Formwork	1,129.16	SF	10%	1,242.08	0.045	$76.58	55.89	$4,280.32	–	–	–	–	**$4,280.32**
35	Excavation	15.51	CY	10%	17.07	0.50	$76.58	8.53	$653.46	–	–	–	–	**$653.46**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
36	(1'-0" w x 8" H) Continuous Concrete Footing Reinf. w/ • #5 Cont. Bar	0.23	CY	10%	0.25	3.32	$76.58	0.83	$63.50	$355.00	$88.67	–	–	**$152.17**
37	Formwork	12.26	SF	10%	13.49	0.045	$76.58	0.61	$46.48	–	–	–	–	**$46.48**
38	Excavation	0.27	CY	10%	0.30	0.50	$76.58	0.15	$11.48	–	–	–	–	**$11.48**
Stem Wall														
39	8" CIP Concrete Stem Wall Reinf. w/ (H=3'-6") • #4 Vertical @ 16" O.C. • #4 Horizontal @ 12" O.C.	2.97	CY	10%	3.27	3.70	$76.58	12.08	$925.25	$355.00	$1,159.24	–	–	**$2,084.49**
40	Formwork	239.26	SF	10%	263.19	0.045	$76.58	11.84	$906.97	–	–	–	–	**$906.97**
41	Excavation	3.56	CY	10%	3.92	0.50	$76.58	1.96	$150.04	–	–	–	–	**$150.04**
Slabs														
42	3-1/2" Normal Wt. Concrete Slab Reinf. w/ • WW 4x4-W1.4xW1.4 • 3/4" Dia. Puddle Welds @ 12" O.C. @ All Supports	113.26	SF	10%	124.59	0.052	$76.58	6.48	$496.12	$4.21	$524.51	–	–	**$1,020.63**
43	Formwork	17.86	SF	10%	19.65	0.045	$76.58	0.88	$67.71	–	–	–	–	**$67.71**
44	6" Thick Concrete Slab Reinf. w/ • #4 Bars @ 12" O.C. E.W.	3,824.62	SF	10%	4,207.08	0.064	$76.58	269.25	$20,619.41	$6.57	$27,640.53	–	–	**$48,259.94**
45	Formwork	178.16	SF	10%	195.98	0.045	$76.58	8.82	$675.37	–	–	–	–	**$675.37**
46	12" Thick Concrete Pad Reinf.w/ • #4 @ 12" O.C. Bars E.W. • w/ 1-1/2" DP x 12" Key @ 36" O.C.	109.44	SF	10%	120.38	0.12	$76.58	14.45	$1,106.28	$15.28	$1,839.47	–	–	**$2,945.75**
47	Formwork	41.99	SF	10%	46.19	0.045	$76.58	2.08	$159.17	–	–	–	–	**$159.17**
Thickened Edges														
48	(6" w x 6" H) Concrete Thickened Edge Reinforced	4.58	CY	10%	5.04	3.25	$76.58	16.38	$1,254.47	$355.00	$1,789.32	–	–	**$3,043.79**
49	Formwork	494.87	SF	10%	544.36	0.045	$76.58	24.50	$1,875.91	–	–	–	–	**$1,875.91**
50	(8" w x 8" H) Concrete Thickened Edge Reinforced	0.32	CY	10%	0.35	3.25	$76.58	1.15	$88.03	$355.00	$125.56	–	–	**$213.59**
51	Formwork	25.92	SF	10%	28.51	0.045	$76.58	1.28	$98.24	–	–	–	–	**$98.24**
													SUBTOTAL	**$107,271.62**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
05. METALS														
Columns														
52	C1: HSS 4x4x1/4 Steel Column (H=27'-4") • 3/4" Thick Base Plate w/ • (2) 7/8" Dia. x 16" Emb.	3.00	EA	0%	3.00	11.42	$91.20	34.25	$3,123.96	$708.94	$2,126.82	–	–	**$5,250.79**
53	C2: HSS 4x4x1/4 Steel Column (H=27'-4") • 3/4" Thick Base Plate w/ • (2) 7/8" Dia. x 9" Emb.	13.00	EA	0%	13.00	11.42	$91.20	148.43	$13,537.18	$708.94	$9,216.22	–	–	**$22,753.40**
54	C3: W14x159 Steel Column (H=27'-4") • 17"x17"x3/4" Thick Base Plate w/ • (4) 7/8" Dia. x 16" Emb.	2.00	EA	0%	2.00	59.56	$91.20	119.12	$10,863.74	$6,300.93	$12,601.86	–	–	**$23,465.61**
55	C4: HSS 5-1/2x5-1/2x1/4 Steel Column (H=27'-4") • 5-1/2"x12"x1/2" Thick Base Plate w/ • (2) 7/8" Dia. x 9" Emb.	3.00	EA	0%	3.00	16.29	$91.20	48.88	$4,457.49	$1,162.06	$3,486.17	–	–	**$7,943.66**
Beams														
56	W18x35 Steel Beam	84.08	LF	10%	92.49	0.896	$91.20	82.87	$7,557.68	$78.75	$7,283.43	–	–	**$14,841.11**
57	W8x15 Steel Beam	32.43	LF	10%	35.67	0.529	$91.20	18.87	$1,721.04	$35.87	$1,279.59	–	–	**$3,000.63**
58	W8x15 Steel Hoist Beam	8.97	LF	10%	9.87	0.529	$91.20	5.22	$476.03	$35.87	$353.93	–	–	**$829.96**
59	HSS7x5x1/2 Girt Flat Beam	54.75	LF	10%	60.23	0.682	$91.20	41.07	$3,745.90	$50.93	$3,067.26	–	–	**$6,813.16**
60	HSS12x2x1/4 Steel Beam	62.48	LF	10%	68.73	0.829	$91.20	56.98	$5,196.17	$71.76	$4,931.92	–	–	**$10,128.09**
61	C8x13.5 Steel Beam	9.91	LF	10%	10.90	0.496	$91.20	5.41	$493.11	$30.00	$327.03	–	–	**$820.14**
62	W18x76 Steel Beam	23.56	LF	10%	25.92	1.974	$91.20	51.16	$4,665.63	$162.64	$4,214.98	–	–	**$8,880.60**
63	W16x76 Steel Beam	23.35	LF	10%	25.69	1.974	$91.20	50.70	$4,624.04	$162.64	$4,177.41	–	–	**$8,801.45**
64	G1: HSS6x4x1/4 Flat Girt Steel Beam	30.44	LF	10%	33.48	0.578	$91.20	19.35	$1,765.06	$39.90	$1,336.01	–	–	**$3,101.07**
Metal Framing														
Floor Framing														
65	FJI1: 26" 'G2T-V' Floor Joists @ 24" O.C. (3068.78 SF) • Or 26" RED-L Joists @ 16" O.C. • 1-1/2" Thick LWC Floor Topping	1,548.70	LF	10%	1,703.57	0.085	$91.20	144.80	$13,206.07	$6.67	$11,362.81	–	–	**$24,568.89**
66	FJI2: 2x12 Floor Joists @ 16" O.C. (269.16 SF) • 1-1/2" Thick LWC Floor Topping	205.26	LF	10%	225.79	0.087	$91.20	19.64	$1,791.48	$6.74	$1,521.80	–	–	**$3,313.27**
67	18 Ga. PLB Composite Deck Per Detail Callout	269.16	SF	10%	296.08	0.13	$91.20	38.49	$3,510.28	$9.85	$2,916.35	–	–	**$6,426.63**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Roof Framing														
68	RJ1: 18" 'G2T-V' @ 32" O.C. (3198.92 SF) • Or 18" RED-L @ 32" O.C. (Deferred Submittal)	1,202.48	LF	10%	1,322.73	0.074	$91.20	97.88	$8,926.83	$5.51	$7,288.23	–	–	**$16,215.06**
69	RJ2: 2x10 Wood Rafters @ 24" O.C. (457.76 SF)	227.52	LF	10%	250.27	0.063	$91.20	15.77	$1,437.96	$4.49	$1,123.72	–	–	**$2,561.68**
Plates														
70	L1-1/2x1-1/2x1/4 Angle Plate	16.66	LF	10%	18.33	0.069	$91.20	1.26	$115.32	$5.38	$98.59	–	–	**$213.92**
71	3/8" Bent Plate w/ • (8) SDS 1/4"x3" To Side Of Beam	11.94	LF	10%	13.13	0.312	$91.20	4.10	$373.72	$14.96	$196.45	–	–	**$570.17**
Misc. Steel														
72	CMST14 Strap w/ • (33) 10d To Beam	6.34	LF	10%	6.97	0.096	$91.20	0.67	$61.06	$4.361	$30.41	–	–	**$91.47**
73	CMST14 Strap w/ • 10d @ 3" O.C. To Blocking • 4x4 Blocking	15.97	LF	10%	17.57	0.096	$91.20	1.69	$153.80	$4.361	$76.61	–	–	**$230.41**
Metallic Hardware														
Holdowns														
74	A: Simpson HDU2-SDS2.5 Holdown w/ • (6) SDS 1/4" x2-1/2" Screws • SSTB16/SB5/8x24 FDN. Bolts • SB5/8x24 FDN. Bolts @ Curb	12.00	EA	0%	12.00	0.726	$91.20	8.71	$794.53	$43.65	$523.80	–	–	**$1,318.33**
75	D: Simpson HDU2-SDS2.5 Holdown w/ • (20) SDS 1/4" x2-1/2" Screws • SSTB28/SB5/8x24 FDN. Bolts • SB7/8x24 /SSTB28 FDN. Bolts @ Curb	10.00	EA	0%	10.00	0.726	$91.20	7.26	$662.11	$43.65	$436.50	–	–	**$1,098.61**
76	E: Simpson HDU11-SDS2.5 Holdown w/ • (30) SDS 1/4" x2-1/2" Screws • SB1x30 FDN. Bolts • SB1x30 / 1" Dia. A.T.R.FDN. Bolts @ Curb	9.00	EA	0%	9.00	1.547	$91.20	13.92	$1,269.78	$124.27	$1,118.43	–	–	**$2,388.21**
77	G: Simpson HDU14-SDS2.5 Holdown w/ • (36) SDS 1/4" x2-1/2" Screws • 1" Dia. A.T.R. FDN. Bolts • 1" Dia. A.T.R.FDN. Bolts @ Curb	4.00	EA	0%	4.00	1.398	$91.20	5.59	$509.99	$93.18	$372.72	–	–	**$882.71**
78	N: Simpson MST60 Holdown w/ • (11) 16d Fasteners Bolts EA Post	5.00	EA	0%	5.00	0.502	$91.20	2.51	$228.91	$25.03	$125.15	–	–	**$354.06**
79	P: Simpson MST48 Holdown w/ • (17) 16d Fastener Bolts EA Post	1.00	EA	0%	1.00	0.378	$91.20	0.38	$34.47	$15.41	$15.41	–	–	**$49.88**
80	Q: Simpson MST60 Holdown w/ • (23) 16d Fastener Bolts EA Post	3.00	EA	0%	3.00	0.502	$91.20	1.51	$137.35	$25.03	$75.09	–	–	**$212.44**
81	R: Simpson CMST12 x 8'-0" Long Holdown w/ • (37) 16d Fastener Bolts EA Post	3.00	EA	0%	3.00	0.739	$91.20	2.22	$202.19	$44.50	$133.50	–	–	**$335.69**

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82	S: 4x Nailer @ Steel Column	9.00	EA	0%	9.00	0.492	$91.20	4.43	$403.83	$25.00	$225.00	–	–	**$628.83**
83	Simpson 'H2A' @ EA Stud	36.43	LF	10%	40.07	0.042	$91.20	1.68	$153.50	$2.10	$84.15	–	–	**$237.65**
													SUBTOTAL	**$178,327.58**
06. WOOD, PLASTICS AND COMPOSITES														
Wooden Beams														
Headers														
84	4x6 Wood Stud	3.04	LF	10%	3.34	0.152	$59.89	0.51	$30.44	$5.80	$19.40	–	–	**$49.84**
85	6x6 Wood Stud	12.22	LF	10%	13.44	0.247	$59.89	3.32	$198.85	$10.49	$141.01	–	–	**$339.85**
86	8x6 Wood Stud	24.39	LF	10%	26.83	0.285	$59.89	7.65	$457.93	$15.47	$415.04	–	–	**$872.98**
87	8x8 Wood Stud	34.10	LF	10%	37.51	0.349	$59.89	13.09	$784.02	$17.94	$672.93	–	–	**$1,456.95**
Beams														
88	FB1: LVL 5-1/4x11-1/4 Wood Beam	22.18	LF	10%	24.40	0.658	$59.89	16.05	$961.47	$28.87	$704.28	–	–	**$1,665.75**
89	LVL 7x11-7/8 Wood Header Beam	39.84	LF	10%	43.82	0.724	$59.89	31.73	$1,900.22	$39.94	$1,750.33	–	–	**$3,650.55**
90	RB1: LVL 7x14 Wood Beam	94.48	LF	10%	103.93	0.841	$59.89	87.40	$5,234.59	$49.77	$5,172.50	–	–	**$10,407.09**
91	4x8 Flat Girt Beam	48.84	LF	10%	53.72	0.159	$59.89	8.54	$511.59	$7.73	$415.29	–	–	**$926.87**
92	6x8 Flat Girt Beam	15.20	LF	10%	16.72	0.28	$59.89	4.68	$280.38	$12.63	$211.17	–	–	**$491.55**
Shear Walls														
93	K: Shear Wall • 15/32" APA Rated OSB Sheathing w/ • 8d @ 6" O.C. Edge Nailing & @ 12" O.C. Field Nailing • 16d Common Fasteners @ 9" O.C. • 5/8" Dia. @ 4'-0" 2x & 3x Mudsill	1,601.83	SF	10%	1,762.01	0.015	$59.89	26.43	$1,582.90	$2.00	$3,524.03	–	–	**$5,106.93**
94	L: Shear Wall • 15/32" APA Rated OSB Sheathing w/ • 8d @ 4" O.C. Edge Nailing & @ 12" O.C. Field Nailing • 16d Common Fasteners @ 6" O.C. • 5/8" Dia. @ 3'-4" 2x & 5/8" Dia. @ 4'-0" 3x Mudsill	3,136.93	SF	10%	3,450.62	0.015	$59.89	51.76	$3,099.87	$2.00	$6,901.25	–	–	**$10,001.11**
95	M: Shear Wall • 15/32" APA Rated OSB Sheathing w/ • 8d @ 3" O.C. Edge Nailing & @ 12" O.C. Field Nailing • 16d Common Fasteners @ 5" O.C. • 5/8" Dia. @ 2'-8" 2x & 5/8" Dia. @ 3'-5" 3x Mudsill	2,189.14	SF	10%	2,408.05	0.015	$59.89	36.12	$2,163.28	$2.00	$4,816.11	–	–	**$6,979.38**

COMET ESTIMATING
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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
96	N: Shear Wall (H=4'-2") • 15/32" APA Rated OSB Sheathing w/ • 8d @ 2" O.C. Edge Nailing & @ 12" O.C. Field Nailing • 16d Common Fasteners @ 3" O.C. • 5/8" Dia. @ 2'-0" 2x & 5/8" Dia. @ 2'-7" 3x Mudsill	197.81	SF	10%	217.59	0.015	$59.89	3.26	$195.47	$2.00	$435.18	–	–	**$630.65**
97	P: Shear Wall • 15/32" APA Rated OSB Sheathing w/ • 10d @ 2" O.C. Edge Nailing & @ 12" O.C. Field Nailing • SDWS22600DB Fasteners @ 3" O.C. • 5/8" Dia. @ 1'-8" 2x & 5/8" Dia. @ 2'-0" 3x Mudsill	652.76	SF	10%	718.04	0.015	$59.89	10.77	$645.05	$2.00	$1,436.07	–	–	**$2,081.12**
Joists/Rafters														
98	2x10 Joist w/ (2) 16d EA Stud & 'MST48' EA Splice	36.43	LF	10%	40.07	0.026	$59.89	1.04	$62.40	$2.02	$80.95	–	–	**$143.35**
99	2x2 Cont. Members @ 24" O.C. Perpendicular To Roof Joists w/ • 10d @ 6" O.C.	137.44	LF	10%	151.18	0.018	$59.89	2.72	$162.98	$0.94	$142.11	–	–	**$305.09**
Hardware														
100	A34 Clips At EA Blocking	282.34	LF	10%	310.57	0.028	$59.89	8.70	$520.81	$0.72	$223.61	–	–	**$744.42**
101	LSTA18 Kickers @ 32" O.C. To Kickers	106.14	EA	0%	106.14	0.034	$59.89	3.61	$216.13	$0.88	$93.41	–	–	**$309.54**
102	2x6 Sole Plate w/ Fasteners	218.00	LF	10%	239.80	0.022	$59.89	5.28	$315.96	$1.21	$290.16	–	–	**$606.11**
103	2x6 Sole Plate w/ Fasteners	27.73	LF	10%	30.50	0.022	$59.89	0.67	$40.19	$1.21	$36.91	–	–	**$77.10**
104	4x4 Strut	9.36	LF	10%	10.30	0.102	$59.89	1.05	$62.90	$3.87	$39.85	–	–	**$102.74**
Stairs														
105	(4'-10" w x 9'-3" L) First Floor Stairs • Treads= 11 EA • Risers= 12 EA (4'-10" w x 10'-0" L) Second Floor Stairs • Treads= 11 EA • Risers= 12 EA • (10'-4" w x 5'-8" L) Landing	1.00	EA	0%	1.00	36.51	$59.89	36.51	$2,186.32	$5,298.15	$5,298.15	–	–	**$7,484.47**
106	(5'-3" w x 14'-8 "L) Second Floor Stairs • Treads= 16 EA • Risers= 17 EA • (5'-2" w x 6'-0" L) Landing	1.00	EA	0%	1.00	28.32	$59.89	28.32	$1,696.10	$3,918.75	$3,918.75	–	–	**$5,614.85**
Sheathings														
107	3/4" Plywood Sheathing @ Platform	154.11	SF	10%	169.52	0.012	$59.89	2.03	$121.83	$1.59	$269.54	–	–	**$391.37**
108	3/8" Plywood Sheathing w/ 8d Nails @ 6",12" O.C. (L=3'-4")	940.19	SF	10%	1,034.21	0.012	$59.89	12.41	$743.27	$1.12	$1,158.32	–	–	**$1,901.58**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Wooden Blockings/Kickers														
109	2x4 Kickers @ 16" O.C. (L=3'-4")	282.34	LF	10%	310.57	0.02	$59.89	6.21	$372.01	$1.092	$339.15	–	–	**$711.15**
110	2x4 Blocking w/ 16d @ 6" O.C.	282.34	LF	10%	310.57	0.02	$59.89	6.21	$372.01	$1.092	$339.15	–	–	**$711.15**
111	2x4 Shaped Blocking w/ 16d @ 6" O.C.	282.34	LF	10%	310.57	0.02	$59.89	6.21	$372.01	$1.092	$339.15	–	–	**$711.15**
112	4x6 Blocking w/ 'HU' Hangers	282.34	LF	10%	310.57	0.152	$59.89	47.21	$2,827.24	$5.80	$1,801.33	–	–	**$4,628.57**
113	4x6 Blocking w/ • A35 T& B EA End • Nut & Washer	28.29	LF	10%	31.12	0.152	$59.89	4.73	$283.28	$5.80	$180.49	–	–	**$463.78**
114	2x6 Blocking w/ 16d BN Between Trusses	205.90	LF	10%	226.49	0.022	$59.89	4.98	$298.42	$1.21	$274.05	–	–	**$572.47**
115	4x3 Cont. Blocking w/ (2) 10d Toe Nails EA End • A35 @ 24" O.C. w/ SD Screws #9x2-1/2"	137.44	LF	10%	151.18	0.065	$59.89	9.83	$588.54	$2.96	$447.50	–	–	**$1,036.04**
116	2x6 Sole Plate w/ Fasteners	218.00	LF	10%	239.80	0.022	$59.89	5.28	$315.96	$1.21	$290.16	–	–	**$606.11**
117	2x10 Blocking @ 48" O.C. In 'JB' Hangers	218.00	LF	10%	239.80	0.026	$59.89	6.23	$373.40	$2.02	$484.40	–	–	**$857.80**
118	2x6 Sole Plate w/ Fasteners	27.73	LF	10%	30.50	0.022	$59.89	0.67	$40.19	$1.21	$36.91	–	–	**$77.10**
119	2x6 Blocking @ 48" O.C. In 'F' Hangers @ Both Sides	27.73	LF	10%	30.50	0.022	$59.89	0.67	$40.19	$1.21	$36.91	–	–	**$77.10**
120	2x6 Blocking w/ (2) 10d TN EA End	36.43	LF	10%	40.07	0.022	$59.89	0.88	$52.80	$1.21	$48.49	–	–	**$101.29**
													SUBTOTAL	**$60,439.68**
07. THERMAL & MOISTURE PROTECTION														
Roofing														
121	60 MIL TPO Roofing Membrane	1,963.44	SF	10%	2,159.78	0.05	$42.56	107.99	$4,596.02	$6.10	$13,174.68	–	–	**$17,770.70**
122	Single-Ply Membrane Roofing System	161.05	SF	10%	177.16	0.05	$42.56	8.86	$376.99	$6.10	$1,080.65	–	–	**$1,457.63**
123	Prefinished Standing Seam Metal Roof Color: Match SW Color #6871, Positive Red	217.38	SF	10%	239.12	0.185	$42.56	44.24	$1,882.72	$5.98	$1,429.93	–	–	**$3,312.65**
124	30 LB Felt Membrane At Roof	2,341.00	SF	10%	2,575.10	0.006	$42.56	15.45	$657.58	$0.34	$875.53	–	–	**$1,533.11**
Thermal & Moisture Protection														
125	R-15 Roof Insulation (3" Thick Rigid Roof Insulation) Polyisocyanurate	1,963.44	SF	10%	2,159.78	0.045	$42.56	97.19	$4,136.42	$2.044	$4,414.42	–	–	**$8,550.84**
126	Polyisocyanurate Foam Core Insulation (R-20)	1,600.00	SF	10%	1,760.00	0.038	$42.56	66.88	$2,846.41	$2.936	$5,167.25	–	–	**$8,013.66**
127	R-19 Batt Insulation At Ext. Walls	2,782.00	SF	10%	3,060.20	0.02	$42.56	61.20	$2,604.84	$0.63	$1,927.93	–	–	**$4,532.77**
128	R-19 Batt Insulation At Int. Walls	565.00	SF	10%	621.50	0.02	$42.56	12.43	$529.02	$0.63	$391.55	–	–	**$920.57**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
129	R-19 Batt Insulation In Walls	3,903.00	SF	10%	4,293.30	0.02	$42.56	85.87	$3,654.46	$0.63	$2,704.78	–	–	**$6,359.24**
130	Tapered Roof Insulation Cricket	161.05	SF	10%	177.16	0.032	$42.56	5.67	$241.27	$0.98	$173.61	–	–	**$414.88**
Flashing & Metal														
131	Prefinished Galv. Metal Coping	232.99	LF	10%	256.29	0.044	$42.56	11.28	$479.94	$4.12	$1,055.91	–	–	**$1,535.85**
132	Metal Drip Edge	232.99	LF	10%	256.29	0.038	$42.56	9.74	$414.49	$3.58	$917.51	–	–	**$1,332.01**
133	Cont. Galv. Metal Cleat	232.99	LF	10%	256.29	0.042	$42.56	10.76	$458.12	$3.89	$996.96	–	–	**$1,455.09**
134	Sealant At Perimeter Of Wall	232.99	LF	10%	256.29	0.025	$42.56	6.41	$272.69	$0.50	$128.14	–	–	**$400.84**
135	4x Cant Strip	224.34	LF	10%	246.77	0.03	$42.56	7.40	$315.08	$0.80	$197.42	–	–	**$512.50**
Roof Drainage														
136	Prefinished Mtl. Downspout & 24 GA. Mtl Leaderhead Finish: Paint Dark Bronze	44.36	LF	10%	48.80	0.06	$42.56	2.93	$124.61	$5.74	$280.09	–	–	**$404.69**
137	Prefinished Mtl. Overflow Scupper Paint Dark Bronze	3.00	EA	0%	3.00	4.572	$42.56	13.72	$583.75	$399.95	$1,199.85	–	–	**$1,783.60**
138	Prefinished Mtl Emergency Overflow Scupper	3.00	EA	0%	3.00	4.461	$42.56	13.38	$569.58	$389.95	$1,169.85	–	–	**$1,739.43**
													SUBTOTAL	**$58,507.02**
08. OPENINGS														
Doors														
139	100A: 10'-0" x 11'-6" Overhead Sectional Garage Door Door Material: Hollow Metal w/Frame Finish: Factory Finish- Clopay "Chocolate"	1.00	EA	0%	1.00	73.88	$44.00	73.88	$3,250.65	$15,428.40	$15,428.40	–	–	**$18,679.05**
140	100B: 10'-0" x 11'-6" Overhead Sectional Garage Door Door Material: Hollow Metal w/ Frame Finish: Factory Finish- Clopay "Chocolate"	1.00	EA	0%	1.00	73.88	$44.00	73.88	$3,250.65	$15,428.40	$15,428.40	–	–	**$18,679.05**
141	100C: 10'-0" x 11'-6" Overhead Sectional Garage Door Door Material: Hollow Metal w/ Frame Finish: Factory Finish- Clopay "Chocolate"	1.00	EA	0%	1.00	73.88	$44.00	73.88	$3,250.65	$15,428.40	$15,428.40	–	–	**$18,679.05**
142	100D: 10'-0" x 11'-6" Overhead Sectional Garage Door Door Material: Hollow Metal w/ Frame Finish: Factory Finish- Clopay "Chocolate"	1.00	EA	0%	1.00	73.88	$44.00	73.88	$3,250.65	$15,428.40	$15,428.40	–	–	**$18,679.05**
143	100E: 10'-0" x 11'-6" Overhead Sectional Garage Door Door Material: Hollow Metal w/ Frame Finish: Factory Finish- Clopay "Chocolate"	1.00	EA	0%	1.00	73.88	$44.00	73.88	$3,250.65	$15,428.40	$15,428.40	–	–	**$18,679.05**
144	100F: 10'-0" x 11'-6" Overhead Sectional Garage Door Door Material: Hollow Metal w/ Frame Finish: Factory Finish- Clopay "Chocolate"	1.00	EA	0%	1.00	73.88	$44.00	73.88	$3,250.65	$15,428.40	$15,428.40	–	–	**$18,679.05**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
145	100G: 3'-0" x 7'-0" Single Panel Swing Door Door Material: Hollow Metal w/ Frame	1.00	EA	0%	1.00	11.32	$44.00	11.32	$498.24	$1,760.85	$1,760.85	–	–	**$2,259.09**
146	101: 3'-0" x 7'-0" Single Panel Swing Door Door Material: Hollow Metal w/ 2'-0"x2'-6" Glass Vision Panel w/ Frame	1.00	EA	0%	1.00	11.32	$44.00	11.32	$498.24	$1,760.85	$1,760.85	–	–	**$2,259.09**
147	102: 3'-0" x 7'-0" Single Panel Swing Door Door Material: Hollow Metal w/ Frame	1.00	EA	0%	1.00	11.32	$44.00	11.32	$498.24	$1,760.85	$1,760.85	–	–	**$2,259.09**
148	102A: 3'-0" x 7'-0" Single Panel Swing Door Door Material: Hollow Metal w/ Frame	1.00	EA	0%	1.00	11.32	$44.00	11.32	$498.24	$1,760.85	$1,760.85	–	–	**$2,259.09**
149	103: 3'-0" x 7'-0" Single Panel Swing Door Door Material: Hollow Metal w/ Frame	1.00	EA	0%	1.00	11.32	$44.00	11.32	$498.24	$1,760.85	$1,760.85	–	–	**$2,259.09**
Windows														
150	Tag-A: 56" x 48" Fixed Glass Window/ Clear Anodized Aluminum Frame Mfr: PGT Industries, Glass Tint: Gray, Glass Mat: Impact Resistant Model: PW 750	1.00	EA	0%	1.00	11.33	$44.00	11.33	$498.35	$2,192.85	$2,192.85	–	–	**$2,691.20**
151	Tag-B: 24" x 48" Fixed Glass Window/ Clear Anodized Aluminum Frame, Mfr: PGT Industries, Glass Tint: Gray, Glass Mat: Impact Resistant, Model: PW 750	1.00	EA	0%	1.00	4.85	$44.00	4.85	$213.42	$939.12	$939.12	–	–	**$1,152.54**
Louver														
152	1'-6" x 1'-4" Metal Louver	1.00	EA	0%	1.00	8.816	$44.00	8.82	$387.90	$520.88	$520.88	–	–	**$908.77**
Attic Access														
153	1'-10" x 4'-6" Attic Access Hatch	1.00	EA	0%	1.00	12.71	$44.00	12.71	$559.43	$1,371.63	$1,371.63	–	–	**$1,931.06**
Door Hardware														
154	Set #1 • 1-1/2 Pair Hinges NRP Mortised Deadbolt • Lockset Combined w/ Thumb Turn Inside & Keyed Outside • Closer • Full Weatherstrip • Sweep • Rain Drip On Frame Overhead • Threshold • Silencers • Floor Stop	2.00	EA	0%	2.00	9.066	$44.00	18.13	$797.82	$1,426.07	$2,852.14	–	–	**$3,649.96**
155	Set #2 • 1-1/2 Pair Hinges • Lockset Push Button Inside & Keyed Outside • Closer • Silencers • Floor Stop	1.00	EA	0%	1.00	8.003	$44.00	8.00	$352.14	$1,286.47	$1,286.47	–	–	**$1,638.60**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
156	Set #3 • 1-1/2 Pair Hinges • Lockset Push Button Inside & Keyed Outside • Closer • Silencers • Wall Stop • Tactile Sign w/ International Symbol: MEN/WOMEN	1.00	EA	0%	1.00	8.509	$44.00	8.51	$374.39	$1,302.18	$1,302.18	–	–	**$1,676.57**
157	Set #4 • 1-1/2 Pair Hinges • Lockset - Passage • Closer • Silencers • Floor Stop	1.00	EA	0%	1.00	7.038	$44.00	7.04	$309.68	$1,165.41	$1,165.41	–	–	**$1,475.09**
Trims														
158	Door Trim	170.00	LF	10%	187.00	0.025	$44.00	4.67	$205.70	$1.39	$259.93	–	–	**$465.63**
159	Window Trim	30.00	LF	10%	33.00	0.025	$44.00	0.83	$36.30	$1.39	$45.87	–	–	**$82.17**
													SUBTOTAL	**$139,041.31**
09. FINISHES														
Flooring														
160	Carpet Flooring	2,198.78	SF	10%	2,418.66	0.04	$65.65	96.75	$6,351.40	$2.97	$7,183.41	–	–	**$13,534.81**
161	Tile Flooring	2,898.53	SF	10%	3,188.38	0.089	$65.65	283.77	$18,629.24	$5.19	$16,547.71	–	–	**$35,176.95**
162	Wood Flooring	1,340.89	SF	10%	1,474.98	0.055	$65.65	81.12	$5,325.78	$3.19	$4,705.18	–	–	**$10,030.96**
Base & Transitions														
163	4" Cove Wall Base	202.89	LF	10%	223.18	0.032	$65.65	7.14	$468.85	$1.38	$307.99	–	–	**$776.84**
164	4" Wall Base	1,131.95	LF	10%	1,245.14	0.038	$65.65	47.32	$3,106.26	$1.71	$2,129.20	–	–	**$5,235.46**
165	Carpet To Tile Transition	8.86	LF	10%	9.75	0.12	$65.65	1.17	$76.78	$6.49	$63.25	–	–	**$140.03**
166	Wood To Tile Flooring Transitions	23.65	LF	10%	26.01	0.12	$65.65	3.12	$204.95	$6.49	$168.84	–	–	**$373.78**
167	Carpet To Wood Flooring Transition	2.99	LF	10%	3.29	0.12	$65.65	0.39	$25.91	$6.49	$21.35	–	–	**$47.26**
Wall Framing														
168	**2x4 Wood Stud Chase Wall @ 16" O.C. (H= 14'-0")** **• Stud Assumed Need To Be Confirm**	44.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
169	2x4 Wood Stud @ 16" O.C.	463.16	LF	10%	509.47	0.02	$59.89	10.19	$610.25	$1.092	$556.35	–	–	**$1,166.59**
170	2x4 Top Plates	88.00	LF	10%	96.80	0.02	$59.89	1.94	$115.95	$1.092	$105.71	–	–	**$221.65**
171	2x4 Bottom Plate	44.00	LF	10%	48.40	0.02	$59.89	0.97	$57.97	$1.092	$52.85	–	–	**$110.83**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
172	5/8" Moisture Resistant Gypsum Board One side (H=14'-0)	616.00	SF	10%	677.60	–	–	–	–	–	–	–	–	–
173	4'x8' No of Sheets	20.00	Sheets	0%	20.00	0.48	$59.89	9.60	$574.94	$23.98	$479.60	–	–	**$1,054.54**
174	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
175	Joint Compound	33.00	lbs	10%	36.30	0.22	$59.89	7.99	$478.28	$0.50	$18.15	–	–	**$496.43**
176	1-1/4" Drywall Screws	820.00	EA	0%	820.00	0.002	$59.89	1.64	$98.22	$0.06	$49.20	–	–	**$147.42**
177	Sealant	88.00	LF	10%	96.80	0.025	$59.89	2.42	$144.93	$0.50	$48.40	–	–	**$193.33**
178	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 13'-4")**	28.00	LF	–	–	–	–	–	–	–	–	–	–	–
179	2x8 Wood Stud @ 16" O.C.	280.63	LF	10%	308.69	0.024	$59.89	7.41	$443.71	$1.67	$515.52	–	–	**$959.23**
180	2x8 Top Plates	56.00	LF	10%	61.60	0.024	$59.89	1.48	$88.54	$1.67	$102.87	–	–	**$191.41**
181	2x8 Bottom Plate	28.00	LF	10%	30.80	0.024	$59.89	0.74	$44.27	$1.67	$51.44	–	–	**$95.71**
182	13/16" Shearboard OSB Sheathing	373.24	SF	10%	410.56	0.012	$59.89	4.93	$295.06	$1.812	$743.89	–	–	**$1,038.95**
183	2 Layers 60 Min Grade 'D' Paper K-Lath	746.48	SF	10%	821.13	0.004	$59.89	3.28	$196.71	$0.18	$147.80	–	–	**$344.51**
184	5/8" Gypsum Board One side (H=13'-4)	373.32	SF	10%	410.66	–	–	–	–	–	–	–	–	–
185	4'x8' No of Sheets	12.00	Sheets	0%	12.00	0.48	$59.89	5.76	$344.97	$17.78	$213.36	–	–	**$558.33**
186	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
187	Joint Compound	20.00	lbs	10%	22.00	0.22	$59.89	4.84	$289.87	$0.50	$11.00	–	–	**$300.87**
188	1-1/4" Drywall Screws	497.00	EA	0%	497.00	0.002	$59.89	0.99	$59.53	$0.06	$29.82	–	–	**$89.35**
189	Sealant	56.00	LF	10%	61.60	0.025	$59.89	1.54	$92.23	$0.50	$30.80	–	–	**$123.03**
190	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 13'-4")**	159.00	LF	–	–	–	–	–	–	–	–	–	–	–
191	2x8 Wood Stud @ 16" O.C.	1,593.59	LF	10%	1,752.95	0.024	$59.89	42.07	$2,519.61	$1.67	$2,927.42	–	–	**$5,447.03**
192	2x8 Top Plates	318.00	LF	10%	349.80	0.024	$59.89	8.40	$502.79	$1.67	$584.17	–	–	**$1,086.95**
193	2x8 Bottom Plate	159.00	LF	10%	174.90	0.024	$59.89	4.20	$251.39	$1.67	$292.08	–	–	**$543.48**
194	13/16" Shearboard OSB Sheathing	2,119.47	SF	10%	2,331.42	0.012	$59.89	27.98	$1,675.54	$1.812	$4,224.24	–	–	**$5,899.78**
195	2 Layers 60 Min Grade 'D' Paper K-Lath	4,238.94	SF	10%	4,662.83	0.004	$59.89	18.65	$1,117.03	$0.18	$839.31	–	–	**$1,956.34**
196	5/8" Gypsum Board One side (H=13'-4)	2,119.95	SF	10%	2,331.94	–	–	–	–	–	–	–	–	–
197	4'x8' No of Sheets	67.00	Sheets	0%	67.00	0.48	$59.89	32.16	$1,926.06	$17.78	$1,191.26	–	–	**$3,117.32**
198	500' Tape Roll	4.00	Rolls	0%	4.00	5.00	$59.89	20.00	$1,197.80	$16.25	$65.00	–	–	**$1,262.80**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
199	Joint Compound	113.00	lbs	10%	124.30	0.22	$59.89	27.35	$1,637.75	$0.50	$62.15	–	–	**$1,699.90**
200	1-1/4" Drywall Screws	2,820.00	EA	0%	2,820.00	0.002	$59.89	5.64	$337.78	$0.06	$169.20	–	–	**$506.98**
201	Sealant	318.00	LF	10%	349.80	0.025	$59.89	8.75	$523.74	$0.50	$174.90	–	–	**$698.64**
202	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 13'-4")**	7.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
203	2x8 Wood Stud @ 16" O.C.	70.16	LF	10%	77.17	0.024	$59.89	1.85	$110.93	$1.67	$128.88	–	–	**$239.81**
204	2x8 Top Plates	14.00	LF	10%	15.40	0.024	$59.89	0.37	$22.14	$1.67	$25.72	–	–	**$47.85**
205	2x8 Bottom Plate	7.00	LF	10%	7.70	0.024	$59.89	0.18	$11.07	$1.67	$12.86	–	–	**$23.93**
206	13/16" Shearboard OSB Sheathing	93.31	SF	10%	102.64	0.012	$59.89	1.23	$73.77	$1.812	$185.97	–	–	**$259.74**
207	2 Layers 60 Min Grade 'D' Paper K-Lath	186.62	SF	10%	205.28	0.004	$59.89	0.82	$49.18	$0.18	$36.95	–	–	**$86.13**
208	5/8" Moisture Resistant Gypsum Board One side (H=13'-4)	93.33	SF	10%	102.66	–	–	–	–	–	–	–	–	**–**
209	4'x8' No of Sheets	3.00	Sheets	0%	3.00	0.48	$59.89	1.44	$86.24	$23.98	$71.94	–	–	**$158.18**
210	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
211	Joint Compound	5.00	lbs	10%	5.50	0.22	$59.89	1.21	$72.47	$0.50	$2.75	–	–	**$75.22**
212	1-1/4" Drywall Screws	125.00	EA	0%	125.00	0.002	$59.89	0.25	$14.97	$0.06	$7.50	–	–	**$22.47**
213	Sealant	14.00	LF	10%	15.40	0.025	$59.89	0.39	$23.06	$0.50	$7.70	–	–	**$30.76**
214	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 14'-0")**	29.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
215	2x8 Wood Stud @ 16" O.C.	305.26	LF	10%	335.79	0.024	$59.89	8.06	$482.65	$1.67	$560.77	–	–	**$1,043.42**
216	2x8 Top Plates	58.00	LF	10%	63.80	0.024	$59.89	1.53	$91.70	$1.67	$106.55	–	–	**$198.25**
217	2x8 Bottom Plate	29.00	LF	10%	31.90	0.024	$59.89	0.77	$45.85	$1.67	$53.27	–	–	**$99.12**
218	13/16" Shearboard OSB Sheathing	406.00	SF	10%	446.60	0.012	$59.89	5.36	$320.96	$1.812	$809.18	–	–	**$1,130.15**
219	2 Layers 60 Min Grade 'D' Paper K-Lath	812.00	SF	10%	893.20	0.004	$59.89	3.57	$213.97	$0.18	$160.78	–	–	**$374.75**
220	5/8" Gypsum Board One side (H=14'-0")	406.00	SF	10%	446.60	–	–	–	–	–	–	–	–	**–**
221	4'x8' No of Sheets	13.00	Sheets	0%	13.00	0.48	$59.89	6.24	$373.71	$17.78	$231.14	–	–	**$604.85**
222	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
223	Joint Compound	22.00	lbs	10%	24.20	0.22	$59.89	5.32	$318.85	$0.50	$12.10	–	–	**$330.95**
224	1-1/4" Drywall Screws	540.00	EA	0%	540.00	0.002	$59.89	1.08	$64.68	$0.06	$32.40	–	–	**$97.08**
225	Sealant	58.00	LF	10%	63.80	0.025	$59.89	1.59	$95.52	$0.50	$31.90	–	–	**$127.42**

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226	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 14'-0")**	222.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
227	2x8 Wood Stud @ 16" O.C.	2,336.84	LF	10%	2,570.53	0.024	$59.89	61.69	$3,694.77	$1.67	$4,292.78	–	–	**$7,987.55**
228	2x8 Top Plates	444.00	LF	10%	488.40	0.024	$59.89	11.72	$702.01	$1.67	$815.63	–	–	**$1,517.63**
229	2x8 Bottom Plate	222.00	LF	10%	244.20	0.024	$59.89	5.86	$351.00	$1.67	$407.81	–	–	**$758.82**
230	13/16" Shearboard OSB Sheathing	3,108.00	SF	10%	3,418.80	0.012	$59.89	41.03	$2,457.02	$1.812	$6,194.44	–	–	**$8,651.46**
231	2 Layers 60 Min Grade 'D' Paper K-Lath	6,216.00	SF	10%	6,837.60	0.004	$59.89	27.35	$1,638.02	$0.18	$1,230.77	–	–	**$2,868.78**
232	5/8" Gypsum Board One side (H=14'-0")	3,108.00	SF	10%	3,418.80	–	–	–	–	–	–	–	–	**–**
233	4'x8' No of Sheets	98.00	Sheets	0%	98.00	0.48	$59.89	47.04	$2,817.23	$17.78	$1,742.44	–	–	**$4,559.67**
234	500' Tape Roll	5.00	Rolls	0%	5.00	5.00	$59.89	25.00	$1,497.25	$16.25	$81.25	–	–	**$1,578.50**
235	Joint Compound	165.00	lbs	10%	181.50	0.22	$59.89	39.93	$2,391.41	$0.50	$90.75	–	–	**$2,482.16**
236	1-1/4" Drywall Screws	4,134.00	EA	0%	4,134.00	0.002	$59.89	8.27	$495.17	$0.06	$248.04	–	–	**$743.21**
237	Sealant	444.00	LF	10%	488.40	0.025	$59.89	12.21	$731.26	$0.50	$244.20	–	–	**$975.46**
238	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 14'-0")**	23.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
239	2x8 Wood Stud @ 16" O.C.	242.11	LF	10%	266.32	0.024	$59.89	6.39	$382.79	$1.67	$444.75	–	–	**$827.54**
240	2x8 Top Plates	46.00	LF	10%	50.60	0.024	$59.89	1.21	$72.73	$1.67	$84.50	–	–	**$157.23**
241	2x8 Bottom Plate	23.00	LF	10%	25.30	0.024	$59.89	0.61	$36.37	$1.67	$42.25	–	–	**$78.62**
242	13/16" Shearboard OSB Sheathing	322.00	SF	10%	354.20	0.012	$59.89	4.25	$254.56	$1.812	$641.77	–	–	**$896.32**
243	2 Layers 60 Min Grade 'D' Paper K-Lath	644.00	SF	10%	708.40	0.004	$59.89	2.83	$169.70	$0.18	$127.51	–	–	**$297.22**
244	5/8" Moisture Resistant Gypsum Board One side (H=14'-0")	322.00	SF	10%	354.20	–	–	–	–	–	–	–	–	**–**
245	4'x8' No of Sheets	11.00	Sheets	0%	11.00	0.48	$59.89	5.28	$316.22	$23.98	$263.78	–	–	**$580.00**
246	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
247	Joint Compound	18.00	lbs	10%	19.80	0.22	$59.89	4.36	$260.88	$0.50	$9.90	–	–	**$270.78**
248	1-1/4" Drywall Screws	429.00	EA	0%	429.00	0.002	$59.89	0.86	$51.39	$0.06	$25.74	–	–	**$77.13**
249	Sealant	46.00	LF	10%	50.60	0.025	$59.89	1.27	$75.76	$0.50	$25.30	–	–	**$101.06**
250	**A1: 2x8 Wood Stud Exterior Wall @ 16 O.C. (H= 16'-6")**	115.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
251	2x8 Wood Stud @ 16" O.C.	1,426.69	LF	10%	1,569.36	0.024	$59.89	37.66	$2,255.74	$1.67	$2,620.83	–	–	**$4,876.57**
252	2x8 Top Plates	230.00	LF	10%	253.00	0.024	$59.89	6.07	$363.65	$1.67	$422.51	–	–	**$786.16**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
253	2x8 Bottom Plate	115.00	LF	10%	126.50	0.024	$59.89	3.04	$181.83	$1.67	$211.25	–	–	**$393.08**
254	13/16" Shearboard OSB Sheathing	1,897.50	SF	10%	2,087.25	0.012	$59.89	25.05	$1,500.06	$1.812	$3,781.84	–	–	**$5,281.90**
255	2 Layers 60 Min Grade 'D' Paper K-Lath	3,795.00	SF	10%	4,174.50	0.004	$59.89	16.70	$1,000.04	$0.18	$751.41	–	–	**$1,751.45**
256	5/8" Gypsum Board One side (H=16'-6")	1,897.50	SF	10%	2,087.25	–	–	–	–	–	–	–	–	**–**
257	4'x8' No of Sheets	60.00	Sheets	0%	60.00	0.48	$59.89	28.80	$1,724.83	$17.78	$1,066.80	–	–	**$2,791.63**
258	500' Tape Roll	3.00	Rolls	0%	3.00	5.00	$59.89	15.00	$898.35	$16.25	$48.75	–	–	**$947.10**
259	Joint Compound	101.00	lbs	10%	111.10	0.22	$59.89	24.44	$1,463.83	$0.50	$55.55	–	–	**$1,519.38**
260	1-1/4" Drywall Screws	2,524.00	EA	0%	2,524.00	0.002	$59.89	5.05	$302.32	$0.06	$151.44	–	–	**$453.76**
261	Sealant	230.00	LF	10%	253.00	0.025	$59.89	6.33	$378.80	$0.50	$126.50	–	–	**$505.30**
262	**A1: 2x8 Wood Stud Parapet Wall @ 16 O.C. (H= 3'-6")**	114.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
263	2x8 Wood Stud @ 16" O.C.	300.00	LF	10%	330.00	0.024	$59.89	7.92	$474.33	$1.67	$551.10	–	–	**$1,025.43**
264	2x8 Top Plates	228.00	LF	10%	250.80	0.024	$59.89	6.02	$360.49	$1.67	$418.84	–	–	**$779.33**
265	2x8 Bottom Plate	114.00	LF	10%	125.40	0.024	$59.89	3.01	$180.24	$1.67	$209.42	–	–	**$389.66**
266	Continuous 20 GA Galvanized Metal Parapet Cap	230.00	LF	10%	253.00	0.046	$59.89	11.64	$697.00	$3.89	$984.17	–	–	**$1,681.17**
267	2" x 18 GA Steel Strap @ 48" O.C. Max	99.75	LF	10%	109.72	0.042	$59.89	4.61	$276.00	$3.69	$404.89	–	–	**$680.89**
268	13/16" Shearboard OSB Sheathing	798.00	SF	10%	877.80	0.012	$59.89	10.53	$630.86	$1.812	$1,590.46	–	–	**$2,221.32**
269	2 Layers 60 Min Grade 'D' Paper K-Lath	798.00	SF	10%	877.80	0.004	$59.89	3.51	$210.29	$0.18	$158.00	–	–	**$368.29**
270	**A1: 2x8 Wood Stud Parapet Wall @ 16 O.C. (H= 4'-2")**	28.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
271	2x8 Wood Stud @ 16" O.C.	87.71	LF	10%	96.48	0.024	$59.89	2.32	$138.67	$1.67	$161.11	–	–	**$299.79**
272	2x8 Top Plates	56.00	LF	10%	61.60	0.024	$59.89	1.48	$88.54	$1.67	$102.87	–	–	**$191.41**
273	2x8 Bottom Plate	28.00	LF	10%	30.80	0.024	$59.89	0.74	$44.27	$1.67	$51.44	–	–	**$95.71**
274	Continuous 20 GA Galvanized Metal Parapet Cap	28.00	LF	10%	30.80	0.046	$59.89	1.42	$84.85	$3.89	$119.81	–	–	**$204.66**
275	2" x 18 GA Steel Strap @ 48" O.C. Max	29.16	LF	10%	32.08	0.042	$59.89	1.35	$80.69	$3.69	$118.37	–	–	**$199.06**
276	13/16" Shearboard OSB Sheathing	116.68	SF	10%	128.34	0.012	$59.89	1.54	$92.24	$1.812	$232.54	–	–	**$324.78**
277	2 Layers 60 Min Grade 'D' Paper K-Lath	233.35	SF	10%	256.69	0.004	$59.89	1.03	$61.49	$0.18	$46.20	–	–	**$107.70**
278	**A1: 2x8 Wood Stud Parapet Wall @ 16 O.C. (H= 4'-2")**	166.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
279	2x8 Wood Stud @ 16" O.C.	519.97	LF	10%	571.96	0.024	$59.89	13.73	$822.12	$1.67	$955.18	–	–	**$1,777.30**

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280	2x8 Top Plates	332.00	LF	10%	365.20	0.024	$59.89	8.76	$524.92	$1.67	$609.88	–	–	**$1,134.81**
281	2x8 Bottom Plate	166.00	LF	10%	182.60	0.024	$59.89	4.38	$262.46	$1.67	$304.94	–	–	**$567.40**
282	Continuous 20 GA Galvanized Metal Parapet Cap	166.00	LF	10%	182.60	0.046	$59.89	8.40	$503.05	$3.89	$710.31	–	–	**$1,213.37**
283	2" x 18 GA Steel Strap @ 48" O.C. Max	172.89	LF	10%	190.18	0.042	$59.89	7.99	$478.37	$3.69	$701.76	–	–	**$1,180.13**
284	13/16" Shearboard OSB Sheathing	691.72	SF	10%	760.89	0.012	$59.89	9.13	$546.84	$1.812	$1,378.65	–	–	**$1,925.48**
285	2 Layers 60 Min Grade 'D' Paper K-Lat	1,383.11	SF	10%	1,521.42	0.004	$59.89	6.09	$364.47	$0.18	$273.86	–	–	**$638.33**
286	**A1: 2x8 Wood Stud Parapet Wall @ 16 O.C. (H= 6'-10")**	28.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
287	2x8 Wood Stud @ 16" O.C.	143.85	LF	10%	158.24	0.024	$59.89	3.80	$227.44	$1.67	$264.26	–	–	**$491.70**
288	2x8 Top Plates	56.00	LF	10%	61.60	0.024	$59.89	1.48	$88.54	$1.67	$102.87	–	–	**$191.41**
289	2x8 Bottom Plate	28.00	LF	10%	30.80	0.024	$59.89	0.74	$44.27	$1.67	$51.44	–	–	**$95.71**
290	Continuous 20 GA Galvanized Metal Parapet Cap	28.00	LF	10%	30.80	0.046	$59.89	1.42	$84.85	$3.89	$119.81	–	–	**$204.66**
291	2" x 18 GA Steel Strap @ 48" O.C. Max	47.83	LF	10%	52.61	0.042	$59.89	2.21	$132.34	$3.69	$194.15	–	–	**$326.49**
292	13/16" Shearboard OSB Sheathing	191.32	SF	10%	210.46	0.012	$59.89	2.53	$151.25	$1.812	$381.32	–	–	**$532.57**
293	2 Layers 60 Min Grade 'D' Paper K-Lath	382.65	SF	10%	420.91	0.004	$59.89	1.68	$100.83	$0.18	$75.76	–	–	**$176.60**
294	**A2: 2x8 Wood Stud Interior Wall @ 16" O.C. (H= 8'-0")**	5.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
295	2x8 Wood Stud @ 16" O.C.	30.08	LF	10%	33.08	0.024	$59.89	0.79	$47.55	$1.67	$55.25	–	–	**$102.80**
296	2x8 Top Plates	10.00	LF	10%	11.00	0.024	$59.89	0.26	$15.81	$1.67	$18.37	–	–	**$34.18**
297	2x8 Bottom Plate	5.00	LF	10%	5.50	0.024	$59.89	0.13	$7.91	$1.67	$9.18	–	–	**$17.09**
298	13/16" Shearboard OSB Sheathing On Both Sides	80.00	SF	10%	88.00	0.046	$59.89	4.05	$242.43	$3.89	$342.32	–	–	**$584.75**
299	5/8" Gypsum Board On Both Sides (H=8'-0")	80.00	SF	10%	88.00	–	–	–	–	–	–	–	–	**–**
300	4'x8' No of Sheets	3.00	Sheets	0%	3.00	0.48	$59.89	1.44	$86.24	$17.78	$53.34	–	–	**$139.58**
301	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
302	Joint Compound	5.00	lbs	10%	5.50	0.22	$59.89	1.21	$72.47	$0.50	$2.75	–	–	**$75.22**
303	1-1/4" Drywall Screws	107.00	EA	0%	107.00	0.002	$59.89	0.21	$12.82	$0.06	$6.42	–	–	**$19.24**
304	Sealant	20.00	LF	10%	22.00	0.025	$59.89	0.55	$32.94	$0.50	$11.00	–	–	**$43.94**
305	**A2: 2x8 Wood Stud Interior Wall @ 16" O.C. (H= 10'-0")**	5.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
306	2x8 Wood Stud @ 16" O.C.	37.59	LF	10%	41.35	0.024	$59.89	0.99	$59.44	$1.67	$69.06	–	–	**$128.50**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
307	2x8 Top Plates	10.00	LF	10%	11.00	0.024	$59.89	0.26	$15.81	$1.67	$18.37	–	–	**$34.18**
308	2x8 Bottom Plate	5.00	LF	10%	5.50	0.024	$59.89	0.13	$7.91	$1.67	$9.18	–	–	**$17.09**
309	13/16" Shearboard OSB Sheathing On Both Sides	100.00	SF	10%	110.00	0.046	$59.89	5.06	$303.04	$3.89	$427.90	–	–	**$730.94**
310	5/8" Gypsum Board On Both Sides (H=10'-0")	100.00	SF	10%	110.00	–	–	–	–	–	–	–	–	**–**
311	4'x8' No of Sheets	4.00	Sheets	0%	4.00	0.48	$59.89	1.92	$114.99	$17.78	$71.12	–	–	**$186.11**
312	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
313	Joint Compound	6.00	lbs	10%	6.60	0.22	$59.89	1.45	$86.96	$0.50	$3.30	–	–	**$90.26**
314	1-1/4" Drywall Screws	133.00	EA	0%	133.00	0.002	$59.89	0.27	$15.93	$0.06	$7.98	–	–	**$23.91**
315	Sealant	20.00	LF	10%	22.00	0.025	$59.89	0.55	$32.94	$0.50	$11.00	–	–	**$43.94**
316	**A2: 2x8 Wood Stud Chase Wall @ 16" O.C. (H= 13'-3")**	25.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
317	2x8 Wood Stud @ 16" O.C.	249.06	LF	10%	273.97	0.024	$59.89	6.58	$393.79	$1.67	$457.52	–	–	**$851.31**
318	2x8 Top Plates	50.00	LF	10%	55.00	0.024	$59.89	1.32	$79.05	$1.67	$91.85	–	–	**$170.90**
319	2x8 Bottom Plate	25.00	LF	10%	27.50	0.024	$59.89	0.66	$39.53	$1.67	$45.92	–	–	**$85.45**
320	13/16" Shearboard OSB Sheathing On Both Sides	662.50	SF	10%	728.75	0.046	$59.89	33.52	$2,007.66	$3.89	$2,834.84	–	–	**$4,842.50**
321	5/8" Type X Gypsum Board One One Side (H=13'-3)	662.50	SF	10%	728.75	–	–	–	–	–	–	–	–	**–**
322	4'x8' No of Sheets	21.00	Sheets	0%	21.00	0.48	$59.89	10.08	$603.69	$20.38	$427.98	–	–	**$1,031.67**
323	500' Tape Roll	2.00	Rolls	0%	2.00	5.00	$59.89	10.00	$598.90	$16.25	$32.50	–	–	**$631.40**
324	Joint Compound	36.00	lbs	10%	39.60	0.22	$59.89	8.71	$521.76	$0.50	$19.80	–	–	**$541.56**
325	1-1/4" Drywall Screws	882.00	EA	0%	882.00	0.002	$59.89	1.76	$105.65	$0.06	$52.92	–	–	**$158.57**
326	Sealant	50.00	LF	10%	55.00	0.025	$59.89	1.38	$82.35	$0.50	$27.50	–	–	**$109.85**
327	**A2: 2x8 Wood Stud Chase Wall @ 16" O.C. (H= 14'-0")**	24.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
328	2x8 Wood Stud @ 16" O.C.	252.63	LF	10%	277.89	0.024	$59.89	6.67	$399.43	$1.67	$464.08	–	–	**$863.52**
329	2x8 Top Plates	48.00	LF	10%	52.80	0.024	$59.89	1.27	$75.89	$1.67	$88.18	–	–	**$164.07**
330	2x8 Bottom Plate	24.00	LF	10%	26.40	0.024	$59.89	0.63	$37.95	$1.67	$44.09	–	–	**$82.03**
331	13/16" Shearboard OSB Sheathing On Both Sides	672.00	SF	10%	739.20	0.046	$59.89	34.00	$2,036.45	$3.89	$2,875.49	–	–	**$4,911.94**
332	5/8" Type X Gypsum Board One Side (H=14'-0)	336.00	SF	10%	369.60	–	–	–	–	–	–	–	–	**–**
333	4'x8' No of Sheets	11.00	Sheets	0%	11.00	0.48	$59.89	5.28	$316.22	$20.38	$224.18	–	–	**$540.40**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
334	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
335	Joint Compound	18.00	lbs	10%	19.80	0.22	$59.89	4.36	$260.88	$0.50	$9.90	–	–	**$270.78**
336	1-1/4" Drywall Screws	447.00	EA	0%	447.00	0.002	$59.89	0.89	$53.54	$0.06	$26.82	–	–	**$80.36**
337	Sealant	48.00	LF	10%	52.80	0.025	$59.89	1.32	$79.05	$0.50	$26.40	–	–	**$105.45**
338	**A2: 2x8 Wood Stud Interior Wall @ 16" O.C. (H= 13'-3")**	61.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
339	2x8 Wood Stud @ 16" O.C.	607.71	LF	10%	668.48	0.024	$59.89	16.04	$960.84	$1.67	$1,116.36	–	–	**$2,077.20**
340	2x8 Top Plates	122.00	LF	10%	134.20	0.024	$59.89	3.22	$192.89	$1.67	$224.11	–	–	**$417.01**
341	2x8 Bottom Plate	61.00	LF	10%	67.10	0.024	$59.89	1.61	$96.45	$1.67	$112.06	–	–	**$208.50**
342	13/16" Shearboard OSB Sheathing On Both Sides	808.25	SF	10%	889.08	0.046	$59.89	40.90	$2,449.35	$3.89	$3,458.50	–	–	**$5,907.85**
343	5/8" Type X Gypsum Board One Both Sides (H=13'-3)	1,616.50	SF	10%	1,778.15	–	–	–	–	–	–	–	–	**–**
344	4'x8' No of Sheets	51.00	Sheets	0%	51.00	0.48	$59.89	24.48	$1,466.11	$20.38	$1,039.38	–	–	**$2,505.49**
345	500' Tape Roll	3.00	Rolls	0%	3.00	5.00	$59.89	15.00	$898.35	$16.25	$48.75	–	–	**$947.10**
346	Joint Compound	86.00	lbs	10%	94.60	0.22	$59.89	20.81	$1,246.43	$0.50	$47.30	–	–	**$1,293.73**
347	1-1/4" Drywall Screws	2,150.00	EA	0%	2,150.00	0.002	$59.89	4.30	$257.53	$0.06	$129.00	–	–	**$386.53**
348	Sealant	244.00	LF	10%	268.40	0.025	$59.89	6.71	$401.86	$0.50	$134.20	–	–	**$536.06**
349	**A2: 2x8 Wood Stud Interior Wall @ 16" O.C. (H= 14'-0")**	56.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
350	2x8 Wood Stud @ 16" O.C.	589.47	LF	10%	648.42	0.024	$59.89	15.56	$932.01	$1.67	$1,082.86	–	–	**$2,014.88**
351	2x8 Top Plates	112.00	LF	10%	123.20	0.024	$59.89	2.96	$177.08	$1.67	$205.74	–	–	**$382.83**
352	2x8 Bottom Plate	56.00	LF	10%	61.60	0.024	$59.89	1.48	$88.54	$1.67	$102.87	–	–	**$191.41**
353	13/16" Shearboard OSB Sheathing On Both Sides	1,568.00	SF	10%	1,724.80	0.046	$59.89	79.34	$4,751.72	$3.89	$6,709.47	–	–	**$11,461.19**
354	5/8" Type X Gypsum Board One Both Sides (H=14'-0)	1,568.00	SF	10%	1,724.80	–	–	–	–	–	–	–	–	**–**
355	4'x8' No of Sheets	49.00	Sheets	0%	49.00	0.48	$59.89	23.52	$1,408.61	$20.38	$998.62	–	–	**$2,407.23**
356	500' Tape Roll	3.00	Rolls	0%	3.00	5.00	$59.89	15.00	$898.35	$16.25	$48.75	–	–	**$947.10**
357	Joint Compound	84.00	lbs	10%	92.40	0.22	$59.89	20.33	$1,217.44	$0.50	$46.20	–	–	**$1,263.64**
358	1-1/4" Drywall Screws	2,086.00	EA	0%	2,086.00	0.002	$59.89	4.17	$249.86	$0.06	$125.16	–	–	**$375.02**
359	Sealant	224.00	LF	10%	246.40	0.025	$59.89	6.16	$368.92	$0.50	$123.20	–	–	**$492.12**
360	**B1: 3-5/8" Stud Interior Wall @ 16" O.C. (H= 8'-0")**	12.00	LF	–	–	–	–	–	–	–	–	–	–	**–**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
361	3-5/8" Metal Stud @ 16" O.C.	72.18	LF	10%	79.40	0.045	$59.89	3.57	$213.98	$3.72	$295.36	–	–	**$509.35**
362	3-5/8" Top Runner	12.00	LF	10%	13.20	0.045	$59.89	0.59	$35.57	$3.72	$49.10	–	–	**$84.68**
363	3-5/8" Bottom Runner	12.00	LF	10%	13.20	0.045	$59.89	0.59	$35.57	$3.72	$49.10	–	–	**$84.68**
364	5/8" Type X Moisture Resistant Gypsum Board One Both Sides (H=8'-0)	192.00	SF	10%	211.20	–	–	–	–	–	–	–	–	**–**
365	4'x8' No of Sheets	6.00	Sheets	0%	6.00	0.48	$59.89	2.88	$172.48	$26.46	$158.76	–	–	**$331.24**
366	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
367	Joint Compound	11.00	lbs	10%	12.10	0.22	$59.89	2.66	$159.43	$0.50	$6.05	–	–	**$165.48**
368	1-1/4" Drywall Screws	256.00	EA	0%	256.00	0.002	$59.89	0.51	$30.66	$0.06	$15.36	–	–	**$46.02**
369	Sealant	48.00	LF	10%	52.80	0.025	$59.89	1.32	$79.05	$0.50	$26.40	–	–	**$105.45**
370	**B1: 3-5/8" Stud Interior Wall @ 16" O.C. (H= 14'-0")**	23.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
371	3-5/8" Metal Stud @ 16" O.C.	242.11	LF	10%	266.32	0.045	$59.89	11.98	$717.73	$3.72	$990.69	–	–	**$1,708.43**
372	3-5/8" Top Runner	23.00	LF	10%	25.30	0.045	$59.89	1.14	$68.18	$3.72	$94.12	–	–	**$162.30**
373	3-5/8" Bottom Runner	23.00	LF	10%	25.30	0.045	$59.89	1.14	$68.18	$3.72	$94.12	–	–	**$162.30**
374	5/8" Type X Gypsum Board On Both Sides (H=14'-0)	644.00	SF	10%	708.40	–	–	–	–	–	–	–	–	**–**
375	4'x8' No of Sheets	21.00	Sheets	0%	21.00	0.48	$59.89	10.08	$603.69	$20.38	$427.98	–	–	**$1,031.67**
376	500' Tape Roll	2.00	Rolls	0%	2.00	5.00	$59.89	10.00	$598.90	$16.25	$32.50	–	–	**$631.40**
377	Joint Compound	35.00	lbs	10%	38.50	0.22	$59.89	8.47	$507.27	$0.50	$19.25	–	–	**$526.52**
378	1-1/4" Drywall Screws	857.00	EA	0%	857.00	0.002	$59.89	1.71	$102.65	$0.06	$51.42	–	–	**$154.07**
379	Sealant	92.00	LF	10%	101.20	0.025	$59.89	2.53	$151.52	$0.50	$50.60	–	–	**$202.12**
380	**B1: 3-5/8" Metal Stud Interior Wall @ 16" O.C. (H= 13'-4")**	26.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
381	3-5/8" Metal Stud @ 16" O.C.	260.59	LF	10%	286.65	0.045	$59.89	12.90	$772.52	$3.72	$1,066.32	–	–	**$1,838.84**
382	3-5/8" Top Runner	26.00	LF	10%	28.60	0.045	$59.89	1.29	$77.08	$3.72	$106.39	–	–	**$183.47**
383	3-5/8" Bottom Runner	26.00	LF	10%	28.60	0.045	$59.89	1.29	$77.08	$3.72	$106.39	–	–	**$183.47**
384	5/8" Moisture Resistant Gypsum Board One Side (H=13'-4)	346.58	SF	10%	381.24	–	–	–	–	–	–	–	–	**–**
385	4'x8' No of Sheets	11.00	Sheets	0%	11.00	0.48	$59.89	5.28	$316.22	$23.98	$263.78	–	–	**$580.00**
386	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
387	Joint Compound	19.00	lbs	10%	20.90	0.22	$59.89	4.60	$275.37	$0.50	$10.45	–	–	**$285.82**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
388	1-1/4" Drywall Screws	461.00	EA	0%	461.00	0.002	$59.89	0.92	$55.22	$0.06	$27.66	–	–	**$82.88**
389	5/8" Type X Gypsum Board One Side (H=13'-4)	346.58	SF	10%	381.24	–	–	–	–	–	–	–	–	**–**
390	4'x8' No of Sheets	11.00	Sheets	0%	11.00	0.48	$59.89	5.28	$316.22	$20.38	$224.18	–	–	**$540.40**
391	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
392	Joint Compound	19.00	lbs	10%	20.90	0.22	$59.89	4.60	$275.37	$0.50	$10.45	–	–	**$285.82**
393	1-1/4" Drywall Screws	461.00	EA	0%	461.00	0.002	$59.89	0.92	$55.22	$0.06	$27.66	–	–	**$82.88**
394	Sealant	104.00	LF	10%	114.40	0.025	$59.89	2.86	$171.29	$0.50	$57.20	–	–	**$228.49**
395	**B1: 3-5/8" Metal Stud Interior Wall @ 16" O.C. (H= 13'-4")**	19.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
396	3-5/8" Metal Stud @ 16" O.C.	190.43	LF	10%	209.47	0.045	$59.89	9.43	$564.54	$3.72	$779.23	–	–	**$1,343.77**
397	3-5/8" Top Runner	19.00	LF	10%	20.90	0.045	$59.89	0.94	$56.33	$3.72	$77.75	–	–	**$134.07**
398	3-5/8" Bottom Runner	19.00	LF	10%	20.90	0.045	$59.89	0.94	$56.33	$3.72	$77.75	–	–	**$134.07**
399	5/8" Type X Moisture Resistant Gypsum Board On Both Side (H=14'-0)	532.00	SF	10%	585.20	–	–	–	–	–	–	–	–	**–**
400	4'x8' No of Sheets	17.00	Sheets	0%	17.00	0.48	$59.89	8.16	$488.70	$26.46	$449.82	–	–	**$938.52**
401	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
402	Joint Compound	29.00	lbs	10%	31.90	0.22	$59.89	7.02	$420.31	$0.50	$15.95	–	–	**$436.26**
403	1-1/4" Drywall Screws	708.00	EA	0%	708.00	0.002	$59.89	1.42	$84.80	$0.06	$42.48	–	–	**$127.28**
404	Sealant	76.00	LF	10%	83.60	0.025	$59.89	2.09	$125.17	$0.50	$41.80	–	–	**$166.97**
405	**B1: 3-5/8" Metal Stud Interior Wall @ 16" O.C. (H= 14'-0")**	5.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
406	3-5/8" Metal Stud @ 16" O.C.	52.63	LF	10%	57.89	0.045	$59.89	2.61	$156.03	$3.72	$215.37	–	–	**$371.40**
407	3-5/8" Top Runner	52.63	LF	10%	57.89	0.045	$59.89	2.61	$156.03	$3.72	$215.37	–	–	**$371.40**
408	3-5/8" Bottom Runner	52.63	LF	10%	57.89	0.045	$59.89	2.61	$156.03	$3.72	$215.37	–	–	**$371.40**
409	5/8" Type X Gypsum Board On Both Sides (H=14'-0)	140.00	SF	10%	154.00	–	–	–	–	–	–	–	–	**–**
410	4'x8' No of Sheets	5.00	Sheets	0%	5.00	0.48	$59.89	2.40	$143.74	$20.38	$101.90	–	–	**$245.64**
411	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
412	Joint Compound	8.00	lbs	10%	8.80	0.22	$59.89	1.94	$115.95	$0.50	$4.40	–	–	**$120.35**
413	1-1/4" Drywall Screws	187.00	EA	0%	187.00	0.002	$59.89	0.37	$22.40	$0.06	$11.22	–	–	**$33.62**
414	Sealant	10.00	LF	10%	11.00	0.025	$59.89	0.28	$16.47	$0.50	$5.50	–	–	**$21.97**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
415	**B1: 3-5/8" Metal Stud Interior Wall @ 16" O.C. (H= 16'-6")**	159.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
416	3-5/8" Metal Stud @ 16" O.C.	1,972.56	LF	10%	2,169.81	0.045	$59.89	97.64	$5,847.75	$3.72	$8,071.70	–	–	**$13,919.45**
417	3-5/8" Top Runner	159.00	LF	10%	174.90	0.045	$59.89	7.87	$471.36	$3.72	$650.63	–	–	**$1,121.99**
418	3-5/8" Bottom Runner	159.00	LF	10%	174.90	0.045	$59.89	7.87	$471.36	$3.72	$650.63	–	–	**$1,121.99**
419	5/8" Type X Gypsum Board On Both Sides (H=16'-6)	5,247.00	SF	10%	5,771.70	–	–	–	–	–	–	–	–	**–**
420	4'x8' No of Sheets	164.00	Sheets	0%	164.00	0.48	$59.89	78.72	$4,714.54	$20.38	$3,342.32	–	–	**$8,056.86**
421	500' Tape Roll	8.00	Rolls	0%	8.00	5.00	$59.89	40.00	$2,395.60	$16.25	$130.00	–	–	**$2,525.60**
422	Joint Compound	279.00	lbs	10%	306.90	0.22	$59.89	67.52	$4,043.65	$0.50	$153.45	–	–	**$4,197.10**
423	1-1/4" Drywall Screws	6,979.00	EA	0%	6,979.00	0.002	$59.89	13.96	$835.94	$0.06	$418.74	–	–	**$1,254.68**
424	Sealant	636.00	LF	10%	699.60	0.025	$59.89	17.49	$1,047.48	$0.50	$349.80	–	–	**$1,397.28**
425	**B2: 2x4 Wood Stud 1 Hour Partition Wall @ 16" O.C. (H= 13'-4")**	53.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
426	2x4 Wood Stud @ 16" O.C	531.20	LF	10%	584.32	0.02	$59.89	11.69	$699.89	$1.092	$638.07	–	–	**$1,337.96**
427	2x4 Top Plates	106.00	LF	10%	116.60	0.02	$59.89	2.33	$139.66	$1.092	$127.33	–	–	**$266.99**
428	2x4 Bottom Plate	53.00	LF	10%	58.30	0.02	$59.89	1.17	$69.83	$1.092	$63.66	–	–	**$133.50**
429	5/8" Type X Gypsum Board On Both Sides (H=13'-4)	1,412.98	SF	10%	1,554.28	–	–	–	–	–	–	–	–	**–**
430	4'x8' No of Sheets	45.00	Sheets	0%	45.00	0.48	$59.89	21.60	$1,293.62	$20.38	$917.10	–	–	**$2,210.72**
431	500' Tape Roll	3.00	Rolls	0%	3.00	5.00	$59.89	15.00	$898.35	$16.25	$48.75	–	–	**$947.10**
432	Joint Compound	75.00	lbs	10%	82.50	0.22	$59.89	18.15	$1,087.00	$0.50	$41.25	–	–	**$1,128.25**
433	1-1/4" Drywall Screws	1,880.00	EA	0%	1,880.00	0.002	$59.89	3.76	$225.19	$0.06	$112.80	–	–	**$337.99**
434	Sealant	212.00	LF	10%	233.20	0.025	$59.89	5.83	$349.16	$0.50	$116.60	–	–	**$465.76**
435	**B2: 2x4 Wood Stud 1 Hour Partition Wall @ 16" O.C. (H= 14'-0")**	22.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
436	2x4 Wood Stud @ 16" O.C.	231.58	LF	10%	254.74	0.02	$59.89	5.09	$305.12	$1.092	$278.17	–	–	**$583.30**
437	2x4 Top Plates	44.00	LF	10%	48.40	0.02	$59.89	0.97	$57.97	$1.092	$52.85	–	–	**$110.83**
438	2x4 Bottom Plate	22.00	LF	10%	24.20	0.02	$59.89	0.48	$28.99	$1.092	$26.43	–	–	**$55.41**
439	5/8" Moisture Resistant Gypsum Board One Side (H=14'-0)	308.00	SF	10%	338.80	–	–	–	–	–	–	–	–	**–**
440	4'x8' No of Sheets	10.00	Sheets	0%	10.00	0.48	$59.89	4.80	$287.47	$23.98	$239.80	–	–	**$527.27**
441	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
442	Joint Compound	17.00	lbs	10%	18.70	0.22	$59.89	4.11	$246.39	$0.50	$9.35	–	–	**$255.74**
443	1-1/4" Drywall Screws	410.00	EA	0%	410.00	0.002	$59.89	0.82	$49.11	$0.06	$24.60	–	–	**$73.71**
444	5/8" Type X Gypsum Board One Side (H=14'-0)	308.00	SF	10%	338.80	–	–	–	–	–	–	–	–	**–**
445	4'x8' No of Sheets	10.00	Sheets	0%	10.00	0.48	$59.89	4.80	$287.47	$20.38	$203.80	–	–	**$491.27**
446	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
447	Joint Compound	17.00	lbs	10%	18.70	0.22	$59.89	4.11	$246.39	$0.50	$9.35	–	–	**$255.74**
448	1-1/4" Drywall Screws	410.00	EA	0%	410.00	0.002	$59.89	0.82	$49.11	$0.06	$24.60	–	–	**$73.71**
449	Sealant	926.32	LF	10%	1,018.95	0.025	$59.89	25.47	$1,525.62	$0.50	$509.47	–	–	**$2,035.09**
450	**S1: 2x2 Wood Stud Chase Wall @ 16 O.C. (H= 13'-4")**	13.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
451	2x2 Wood Stud @ 16 O.C.	130.29	LF	10%	143.32	0.018	$59.89	2.58	$154.50	$0.94	$134.72	–	–	**$289.23**
452	2x2 Top Plates	26.00	LF	10%	28.60	0.018	$59.89	0.51	$30.83	$0.94	$26.88	–	–	**$57.72**
453	2x2 Bottom Plate	13.00	LF	10%	14.30	0.018	$59.89	0.26	$15.42	$0.94	$13.44	–	–	**$28.86**
454	5/8" Type X Gypsum Board One Side (H=13'-4")	173.29	SF	10%	190.62	–	–	–	–	–	–	–	–	**–**
455	4'x8' No of Sheets	6.00	Sheets	0%	6.00	0.48	$59.89	2.88	$172.48	$20.38	$122.28	–	–	**$294.76**
456	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
457	Joint Compound	10.00	lbs	10%	11.00	0.22	$59.89	2.42	$144.93	$0.50	$5.50	–	–	**$150.43**
458	1-1/4" Drywall Screws	231.00	EA	0%	231.00	0.002	$59.89	0.46	$27.67	$0.06	$13.86	–	–	**$41.53**
459	Sealant	26.00	LF	10%	28.60	0.025	$59.89	0.72	$42.82	$0.50	$14.30	–	–	**$57.12**
460	**S1: 2x2 Wood Stud Chase Wall @ 16 O.C. (H= 14'-0")**	24.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
461	2x2 Wood Stud @ 16 O.C.	252.63	LF	10%	277.89	0.018	$59.89	5.00	$299.58	$0.94	$261.22	–	–	**$560.80**
462	2x2 Top Plates	48.00	LF	10%	52.80	0.018	$59.89	0.95	$56.92	$0.94	$49.63	–	–	**$106.55**
463	2x2 Bottom Plate	24.00	LF	10%	26.40	0.018	$59.89	0.48	$28.46	$0.94	$24.82	–	–	**$53.28**
464	5/8" Type X Gypsum Board One Side (H= 14'-0")	336.00	SF	10%	369.60	–	–	–	–	–	–	–	–	**–**
465	4'x8' No of Sheets	11.00	Sheets	0%	11.00	0.48	$59.89	5.28	$316.22	$20.38	$224.18	–	–	**$540.40**
466	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
467	Joint Compound	18.00	lbs	10%	19.80	0.22	$59.89	4.36	$260.88	$0.50	$9.90	–	–	**$270.78**
468	1-1/4" Drywall Screws	447.00	EA	0%	447.00	0.002	$59.89	0.89	$53.54	$0.06	$26.82	–	–	**$80.36**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
469	Sealant	48.00	LF	10%	52.80	0.025	$59.89	1.32	$79.05	$0.50	$26.40	–	–	**$105.45**
470	**S1: 2x2 Wood Stud Chase Wall @ 16 O.C. (H= 16'-6")**	12.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
471	2x2 Wood Stud @ 16 O.C.	148.87	LF	10%	163.76	0.018	$59.89	2.95	$176.54	$0.94	$153.93	–	–	**$330.47**
472	2x2 Top Plates	24.00	LF	10%	26.40	0.018	$59.89	0.48	$28.46	$0.94	$24.82	–	–	**$53.28**
473	2x2 Bottom Plate	12.00	LF	10%	13.20	0.018	$59.89	0.24	$14.23	$0.94	$12.41	–	–	**$26.64**
474	5/8" Type X Gypsum Board One Side (H=16'-6)	198.00	SF	10%	217.80	–	–	–	–	–	–	–	–	**–**
475	4'x8' No of Sheets	7.00	Sheets	0%	7.00	0.48	$59.89	3.36	$201.23	$20.38	$142.66	–	–	**$343.89**
476	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
477	Joint Compound	11.00	lbs	10%	12.10	0.22	$59.89	2.66	$159.43	$0.50	$6.05	–	–	**$165.48**
478	1-1/4" Drywall Screws	264.00	EA	0%	264.00	0.002	$59.89	0.53	$31.62	$0.06	$15.84	–	–	**$47.46**
479	Sealant	24.00	LF	10%	26.40	0.025	$59.89	0.66	$39.53	$0.50	$13.20	–	–	**$52.73**
480	**S1: 2x6 Wood Stud Interior Wall @ 16 O.C. (H= 14'-0")**	49.00	LF	–	–	–	–	–	–	–	–	–	–	**–**
481	2x6 Wood Stud @ 16 O.C.	515.79	LF	10%	567.37	0.018	$59.89	10.21	$611.63	$0.94	$533.33	–	–	**$1,144.96**
482	2x6 Top Plates	98.00	LF	10%	107.80	0.018	$59.89	1.94	$116.21	$0.94	$101.33	–	–	**$217.54**
483	2x6 Bottom Plate	49.00	LF	10%	53.90	0.018	$59.89	0.97	$58.11	$0.94	$50.67	–	–	**$108.77**
484	5/8" Moisture Resistant Gypsum Board One Side (H=14'-0)	686.00	SF	10%	754.60	–	–	–	–	–	–	–	–	**–**
485	4'x8' No of Sheets	22.00	Sheets	0%	22.00	0.48	$59.89	10.56	$632.44	$23.98	$527.56	–	–	**$1,160.00**
486	500' Tape Roll	2.00	Rolls	0%	2.00	5.00	$59.89	10.00	$598.90	$16.25	$32.50	–	–	**$631.40**
487	Joint Compound	37.00	lbs	10%	40.70	0.22	$59.89	8.95	$536.26	$0.50	$20.35	–	–	**$556.61**
488	1-1/4" Drywall Screws	913.00	EA	0%	913.00	0.002	$59.89	1.83	$109.36	$0.06	$54.78	–	–	**$164.14**
489	5/8" Type X Gypsum Board One Side (H=13'-4)	686.00	SF	10%	754.60	–	–	–	–	–	–	–	–	**–**
490	4'x8' No of Sheets	22.00	Sheets	0%	22.00	0.48	$59.89	10.56	$632.44	$20.38	$448.36	–	–	**$1,080.80**
491	500' Tape Roll	2.00	Rolls	0%	2.00	5.00	$59.89	10.00	$598.90	$16.25	$32.50	–	–	**$631.40**
492	Joint Compound	37.00	lbs	10%	40.70	0.22	$59.89	8.95	$536.26	$0.50	$20.35	–	–	**$556.61**
493	1-1/4" Drywall Screws	913.00	EA	0%	913.00	0.002	$59.89	1.83	$109.36	$0.06	$54.78	–	–	**$164.14**
494	Sealant	196.00	LF	10%	215.60	0.025	$59.89	5.39	$322.81	$0.50	$107.80	–	–	**$430.61**
495	**S2: 2x8 Wood Stud Chase Wall @ 16 O.C. (H= 13'-4")**	23.00	LF	–	–	–	–	–	–	–	–	–	–	**–**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
496	2x8 Wood Stud @ 16 O.C.	230.52	LF	10%	253.57	0.018	$59.89	4.56	$273.35	$0.94	$238.36	–	–	**$511.71**
497	2x8 Top Plates	46.00	LF	10%	50.60	0.018	$59.89	0.91	$54.55	$0.94	$47.56	–	–	**$102.11**
498	2x8 Bottom Plate	23.00	LF	10%	25.30	0.018	$59.89	0.46	$27.27	$0.94	$23.78	–	–	**$51.06**
499	5/8" Type X Moisture Resistant Gypsum Board One Side (H=13'-4)	306.59	SF	10%	337.25	–	–	–	–	–	–	–	–	**–**
500	4'x8' No of Sheets	10.00	Sheets	0%	10.00	0.48	$59.89	4.80	$287.47	$26.46	$264.60	–	–	**$552.07**
501	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
502	Joint Compound	17.00	lbs	10%	18.70	0.22	$59.89	4.11	$246.39	$0.50	$9.35	–	–	**$255.74**
503	1-1/4" Drywall Screws	408.00	EA	0%	408.00	0.002	$59.89	0.82	$48.87	$0.06	$24.48	–	–	**$73.35**
504	5/8" Type X Gypsum Board One Side (H=13'-4)	306.59	SF	10%	337.25	–	–	–	–	–	–	–	–	**–**
505	4'x8' No of Sheets	10.00	Sheets	0%	10.00	0.48	$59.89	4.80	$287.47	$20.38	$203.80	–	–	**$491.27**
506	500' Tape Roll	1.00	Rolls	0%	1.00	5.00	$59.89	5.00	$299.45	$16.25	$16.25	–	–	**$315.70**
507	Joint Compound	17.00	lbs	10%	18.70	0.22	$59.89	4.11	$246.39	$0.50	$9.35	–	–	**$255.74**
508	1-1/4" Drywall Screws	408.00	EA	0%	408.00	0.002	$59.89	0.82	$48.87	$0.06	$24.48	–	–	**$73.35**
509	Sealant	92.00	LF	10%	101.20	0.025	$59.89	2.53	$151.52	$0.50	$50.60	–	–	**$202.12**
Ceilings														
510	2x2 Acoustical Tile Ceiling	2,848.68	SF	10%	3,133.55	0.09	$59.89	282.02	$16,890.14	$3.90	$12,220.84	–	–	**$29,110.97**
511	5/8" Gypsum Board	2,911.00	SF	10%	3,202.10	–	–	–	–	–	–	–	–	**–**
512	4'x8' No of Sheets	91.00	SHEETS	0%	91.00	0.48	$59.89	43.68	$2,616.00	$26.46	$2,407.86	–	–	**$5,023.86**
513	500' Tape Roll	5.00	ROLLS	0%	5.00	5.00	$59.89	25.00	$1,497.25	$16.25	$81.25	–	–	**$1,578.50**
514	Joint Compound	155.00	LBS	10%	170.50	0.22	$59.89	37.51	$2,246.47	$0.50	$85.25	–	–	**$2,331.72**
515	1-1/4" Drywall Screws	2,548.00	EA	0%	2,548.00	0.002	$59.89	5.10	$305.20	$0.06	$152.88	–	–	**$458.08**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Wall Tiles														
516	Wall Tile (H=4'-0")	811.56	SF	10%	892.72	0.089	$65.65	79.45	$5,216.01	$5.19	$4,633.20	–	–	**$9,849.20**
Wall Paint														
517	Paint @ Walls	25,341.92	SF	10%	27,876.11	0.013	$56.94	362.39	$20,634.46	$0.45	$12,544.25	–	–	**$33,178.71**
Ceiling Paint														
518	Paint @ Ceiling	3,492.40	SF	10%	3,841.64	0.015	$56.94	57.62	$3,281.14	$0.45	$1,728.74	–	–	**$5,009.88**
Door Paint														
519	Paint @ Doors	11.00	EA	0%	11.00	1.215	$56.94	13.37	$761.00	$26.80	$294.80	–	–	**$1,055.80**
520	Paint @ Trims	200.00	LF	10%	220.00	0.018	$56.94	3.96	$225.48	$0.80	$176.00	–	–	**$401.48**
Exterior Finishes														
521	7/8" Portland Cement Plaster • 3/8" Scratch Coat Plus 3/8" Brown Coat • 1/8" Brown Coat	8,248.64	SF	10%	9,073.50	0.048	$75.80	435.53	$33,013.04	$5.35	$48,543.25	–	–	**$81,556.28**
522	Exterior Siding • Details are not provided	319.79	SF	10%	351.77	0.058	$112.00	20.40	$2,285.09	$4.27	$1,502.05	–	–	**$3,787.15**
523	Downspout Nozzle	3.00	EA	0%	3.00	3.958	$112.00	11.87	$1,329.89	$210.86	$632.58	–	–	**$1,962.47**
524	(4'-0" w x 14'-0" L) Awning	3.00	EA	0%	3.00	19.60	$112.00	58.80	$6,585.60	$2,651.20	$7,953.60	–	–	**$14,539.20**
													SUBTOTAL	**$493,976.44**
10. SPECIALTIES														
Toilet Accessories														
525	42" Grab Bar	4.00	EA	0%	4.00	0.624	$77.94	2.50	$194.54	$45.20	$180.80	–	–	**$375.34**
526	36" Grab Bar	4.00	EA	0%	4.00	0.598	$77.94	2.39	$186.43	$43.18	$172.72	–	–	**$359.15**
527	Bobrick Recessed Toilet Tissue/Seat Cover Dispenser • Model: B-3471	2.00	EA	0%	2.00	3.417	$77.94	6.83	$532.64	$481.97	$963.94	–	–	**$1,496.58**
528	Bobrick Toilet Tissue Dispenser • Model: B-2721	5.00	EA	0%	5.00	0.872	$77.94	4.36	$339.82	$72.15	$360.75	–	–	**$700.57**
529	Bobrick Sanitary Napkin Disposal • Model: B-254	2.00	EA	0%	2.00	1.948	$77.94	3.90	$303.65	$210.59	$421.18	–	–	**$724.83**
530	Bobrick Sanitary Napkin Vending • Model: B-2706	1.00	EA	0%	1.00	3.748	$77.94	3.75	$292.12	$826.13	$826.13	–	–	**$1,118.25**
531	Bobrick Seat Cover Dispenser • Model: B-4221	4.00	EA	0%	4.00	1.291	$77.94	5.16	$402.48	$110.75	$443.00	–	–	**$845.48**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
532	5'-6"x3'-7" Mirror	2.00	EA	0%	2.00	4.978	$77.94	9.96	$775.97	$499.40	$998.80	–	–	**$1,774.77**
533	2'-10"x4'-0" Mirror	2.00	EA	0%	2.00	3.714	$77.94	7.43	$578.94	$232.24	$464.48	–	–	**$1,043.42**
534	Bobrick Paper Towel Dispenser/Waste Receptacle • Model: B-396	4.00	EA	0%	4.00	3.996	$77.94	15.98	$1,245.79	$873.42	$3,493.68	–	–	**$4,739.47**
535	Bobrick Toilet Seat Cover Dispenser • Model: B-301	2.00	EA	0%	2.00	1.374	$77.94	2.75	$214.18	$113.68	$227.36	–	–	**$441.54**
536	Toilet Partitions (5' H)	36.04	LF	10%	39.64	1.65	$77.94	65.41	$5,098.26	$175.00	$6,937.70	–	–	**$12,035.96**
													SUBTOTAL	**$25,655.37**
11. APPLIANCES														
Equipments														
537	Pit Frames (Air Compressor) Purchased By: Corp Installed By: Vendor Vendor: Bear Services	1.00	EA	0%	1.00	7.512	$36.39	7.51	$273.36	$2,478.16	$2,478.16	–	–	**$2,751.52**
538	Oil Separator Purchased By: GC Installed By: GC	3.00	EA	0%	3.00	8.125	$36.39	24.38	$887.01	$3,849.00	$11,547.00	–	–	**$12,434.01**
539	Rolling Drain Pans (Coolar Tank) Purchased By: Corp Installed By: Vendor Vendor: Bear Services	2.00	EA	0%	2.00	3.947	$36.39	7.89	$287.26	$429.86	$859.72	–	–	**$1,146.98**
540	Coolant Machine Purchased By: Corp Installed By: Vendor	1.00	EA	0%	1.00	7.724	$36.39	7.72	$281.08	$2,784.12	$2,784.12	–	–	**$3,065.20**
541	Podium Work Stations (Refrigerator) Purchased By: Corp Installed By: Operations	1.00	EA	0%	1.00	6.229	$36.39	6.23	$226.67	$1,498.72	$1,498.72	–	–	**$1,725.39**
542	Computers Purchased By: Corp Installed By: Operations	5.00	EA	0%	5.00	5.614	$36.39	28.07	$1,021.47	$1,194.68	$5,973.40	–	–	**$6,994.87**
543	Computer Monitors Purchased By: Corp Installed By: Operations	2.00	EA	0%	2.00	4.278	$36.39	8.56	$311.35	$547.61	$1,095.22	–	–	**$1,406.57**
													SUBTOTAL	**$29,524.54**
12. FURNISHINGS														
Millwork														
544	1'-6" x 1'-8" Open Hanging Shelf	1.00	EA	0%	1.00	1.578	$63.50	1.58	$100.20	$124.97	$124.97	–	–	**$225.17**
545	1'-6" x 3'-4" Open Hanging Shelf	1.00	EA	0%	1.00	2.297	$63.50	2.30	$145.86	$183.91	$183.91	–	–	**$329.77**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
546	2'-4" Wide x 1'-10" High x 2'-0" Deep Double Leaf Plastic Laminate Base Cabinet w/ Melamine Adjustable Shelf over 3/4" Plywood Substrate	4.00	EA	0%	4.00	2.741	$63.50	10.96	$696.21	$253.70	$1,014.81	–	–	**$1,711.02**
547	3'-0" Wide x 1'-11" High x 2'-0" Deep Double Leaf Plastic Laminate Upper Cabinet w/ Melamine Adjustable Shelf over 3/4" Plywood Substrate	4.00	EA	0%	4.00	3.316	$63.50	13.26	$842.26	$342.72	$1,370.88	–	–	**$2,213.14**
548	3'-0" Wide x 2'-7" High x 2'-0" Deep Double Leaf Plastic Laminate Base Cabinet over 3/4" Plywood Substrate	2.00	EA	0%	2.00	4.124	$63.50	8.25	$523.75	$460.53	$921.06	–	–	**$1,444.81**
549	1'-2" Wide x 1'-10" High x 2'-0" Deep Single Leaf Plastic Laminate Base Cabinet w/ Melamine Adjustable Shelf over 3/4" Plywood Substrate	2.00	EA	0%	2.00	1.798	$63.50	3.60	$228.35	$127.40	$254.79	–	–	**$483.14**
550	1'-0" Wide x 6" High x 2'-0" Deep Melamine Drawer over 3/4" Plywood Substrate	4.00	EA	0%	4.00	1.427	$63.50	5.71	$362.46	$99.75	$399.00	–	–	**$761.46**
551	2'-0" Dia x 3'-0" High Wood KEG Barrels OFCI	5.00	EA	0%	5.00	1.75	$63.50	8.75	$555.62	–	–	–	–	**$555.62**
552	1'-1" Deep Melamine Fixed Shelves over 3/4" Plywood Substrate	38.43	LF	10%	42.27	0.368	$63.50	15.56	$987.84	$23.75	$1,003.98	–	–	**$1,991.82**
553	Recessed Drink Rail @ Exterior Countertop	52.12	LF	10%	57.33	0.385	$63.50	22.07	$1,401.62	$38.75	$2,221.61	–	–	**$3,623.24**
554	12" Deep Wood Shelving w/ Support Brackets	12.94	LF	10%	14.23	0.35	$63.50	4.98	$316.35	$18.90	$269.02	–	–	**$585.37**
555	3 1/2" Wood Fascia Panel @ Millwork	32.44	LF	10%	35.68	0.052	$63.50	1.86	$117.83	$3.74	$133.46	–	–	**$251.29**
556	Plastic Laminate Panels	70.35	SF	10%	77.38	0.235	$63.50	18.19	$1,154.78	$32.25	$2,495.67	–	–	**$3,650.44**
557	Plastic Laminate Finish @ Seating	142.32	SF	10%	156.56	0.235	$63.50	36.79	$2,336.21	$32.25	$5,048.94	–	–	**$7,385.16**
558	Fabric Wrapped Removable Back Cushion w/ Medium Density Foam	75.70	SF	10%	83.27	0.105	$63.50	8.74	$555.19	$7.83	$651.98	–	–	**$1,207.17**
559	Fabric Wrapped Permanent Seat Cushion w/ High Density Foam	150.46	SF	10%	165.50	0.116	$63.50	19.20	$1,219.09	$8.43	$1,395.19	–	–	**$2,614.28**
Backsplash														
560	4" High Quartz Backsplash	35.38	LF	10%	38.92	0.125	$66.78	4.86	$324.87	$23.85	$928.19	–	–	**$1,253.06**
Countertop														
561	QZ-1: Quartz Countertop @ Exterior Countertop • Mfr: Wilsonart • Style: Grey Lake Q1009 • Color: Matte	382.19	SF	10%	420.41	0.289	$66.78	121.50	$8,113.65	$40.94	$17,211.54	–	–	**$25,325.19**
													SUBTOTAL	**$55,611.16**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
22. PLUMBING														
Water Pipes														
562	1/2" Cold Water Pipe	93.47	LF	10%	102.82	0.104	$88.07	10.69	$941.73	$4.95	$508.94	–	–	**$1,450.67**
563	1/2" Cold Water UG	10.04	LF	10%	11.04	0.104	$88.07	1.15	$101.16	$4.95	$54.67	–	–	**$155.82**
564	1" Cold Water Pipe	18.06	LF	10%	19.87	0.124	$88.07	2.46	$216.95	$9.10	$180.78	–	–	**$397.73**
565	1-1/4" Cold Water Pipe	19.99	LF	10%	21.99	0.145	$88.07	3.19	$280.80	$12.69	$279.04	–	–	**$559.84**
566	3/4" Cold Water Pipe	40.36	LF	10%	44.40	0.11	$88.07	4.88	$430.10	$7.77	$344.96	–	–	**$775.05**
567	1/2"" Hot Water Pipe	52.15	LF	10%	57.36	0.104	$88.07	5.97	$525.42	$4.95	$283.96	–	–	**$809.38**
568	3/4" Hot Water Pipe	39.80	LF	10%	43.78	0.11	$88.07	4.82	$424.13	$7.77	$340.17	–	–	**$764.30**
Sanitary Pipes														
569	2" Sanitary Waste Pipe	42.82	LF	10%	47.10	0.20	$88.07	9.42	$829.65	$13.20	$621.75	–	–	**$1,451.40**
570	1-1/2" Sanitary Waste Pipe	7.43	LF	10%	8.17	0.195	$88.07	1.59	$140.36	$9.90	$80.91	–	–	**$221.27**
571	3" Sanitary Waste Pipe	47.40	LF	10%	52.14	0.28	$88.07	14.60	$1,285.75	$18.30	$954.16	–	–	**$2,239.91**
572	4" Sanitary Waste Pipe	66.85	LF	10%	73.53	0.306	$88.07	22.50	$1,981.73	$23.70	$1,742.78	–	–	**$3,724.51**
Vent Pipes														
573	2" Vent Pipe	62.65	LF	10%	68.91	0.237	$88.07	16.33	$1,438.43	$2.19	$150.92	–	–	**$1,589.36**
574	1-1/2" Vent Pipe	66.77	LF	10%	73.45	0.194	$88.07	14.25	$1,254.88	$1.70	$124.86	–	–	**$1,379.74**
575	4" Vent Through Roof	4.00	LF	10%	4.40	0.291	$88.07	1.28	$112.76	$5.96	$26.22	–	–	**$138.99**
Plumbing Fixtures														
576	WC: Water Closet, Tank Type, Floor Mounted, ADA • Mfg.: Kohler • Model: Highline K-3519	6.00	EA	0%	6.00	5.984	$88.07	35.90	$3,162.07	$491.55	$2,949.30	–	–	**$6,111.37**
577	UR: Urinal, Wall Hung, Batt IR Sensor, ADA • Mfg.: Kohler • Model: Dexter K-5452-ET	1.00	EA	0%	1.00	3.748	$88.07	3.75	$330.09	$282.78	$282.78	–	–	**$612.87**
578	LAV: Lavatory, Wall Mount, 21 x 18" , Metering Faucet, ADA • Mfg.: Kohler • Model: Kingston K-2005	4.00	EA	0%	4.00	3.514	$88.07	14.06	$1,237.91	$257.86	$1,031.44	–	–	**$2,269.35**
579	B-Sink: Break Sink, 19Lx19W" , ADA, Gooseneck • Mfg.: Elkay • Model: LRAD1919	1.00	EA	0%	1.00	8.612	$88.07	8.61	$758.46	$1,553.76	$1,553.76	–	–	**$2,312.22**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
580	DF: Drinking Fountain 8gal, Elkay, ADA • Mfg.: Elkay • Model: EZSTL8C	1.00	EA	0%	1.00	12.29	$88.07	12.29	$1,082.50	$1,879.00	$1,879.00	–	–	**$2,961.50**
581	FD: Floor Drain, Prime-Eze • Mfg.: JR Smith • Model: 2005Y-A-P050	2.00	EA	0%	2.00	2.748	$88.07	5.50	$484.03	$355.74	$711.48	–	–	**$1,195.51**
582	WCO: Wall Clean Out • Mfg.: Zum • Model: SUPERMO ZN-1446	4.00	EA	0%	4.00	2.691	$88.07	10.76	$947.99	$344.08	$1,376.32	–	–	**$2,324.31**
583	WH: Water Heater, 30gal, 3kw, lowboy • Mfg.: A.O.Smith • Model: DEL-30	1.00	EA	0%	1.00	18.75	$88.07	18.75	$1,651.14	$2,407.06	$2,407.06	–	–	**$4,058.20**
584	Floor Sink	1.00	EA	0%	1.00	2.859	$88.07	2.86	$251.79	$275.69	$275.69	–	–	**$527.48**
Plumbing Fittings & Valves														
585	90 Degree Elbow	99.00	EA	0%	99.00	0.869	$88.07	86.03	$7,576.75	$42.98	$4,255.02	–	–	**$11,831.77**
586	45 Degree Elbow	11.00	EA	0%	11.00	0.847	$88.07	9.32	$820.55	$39.76	$437.36	–	–	**$1,257.91**
587	Tee Fitting	51.00	EA	0%	51.00	1.274	$88.07	64.97	$5,722.26	$84.27	$4,297.77	–	–	**$10,020.03**
588	Y-T Fitting	4.00	EA	0%	4.00	1.329	$88.07	5.32	$468.18	$87.98	$351.92	–	–	**$820.10**
589	Cross Tee Fitting	5.00	EA	0%	5.00	1.598	$88.07	7.99	$703.68	$98.12	$490.60	–	–	**$1,194.28**
590	SOV: Shut- Off-Valve	3.00	EA	0%	3.00	1.847	$88.07	5.54	$488.00	$80.96	$242.88	–	–	**$730.88**
591	PRV: Pressure Reducing Valve	1.00	EA	0%	1.00	3.986	$88.07	3.99	$351.05	$395.89	$395.89	–	–	**$746.94**
Misc.														
592	Trap Primer	1.00	EA	0%	1.00	1.472	$88.07	1.47	$129.64	$70.54	$70.54	–	–	**$200.18**
593	4" BCO	1.00	EA	0%	1.00	1.859	$88.07	1.86	$163.72	$151.20	$151.20	–	–	**$314.92**
													SUBTOTAL	**$65,147.79**
23. HVAC / MECHANICAL														
Mechanical Ducts														
594	6" Flexible Dia Duct	1.74	LF	10%	1.91	0.0459	$112.26	0.09	$9.86	$2.079	$3.98	–	–	**$13.84**
595	8" Flexible Dia Duct	14.26	LF	10%	15.69	0.0501	$112.26	0.79	$88.31	$2.334	$36.61	–	–	**$124.92**
596	10" Flexible Dia Duct	17.00	LF	10%	18.70	0.057	$112.26	1.06	$119.55	$3.104	$58.04	–	–	**$177.59**
597	12" Flexible Dia Duct	45.74	LF	10%	50.31	0.0663	$112.26	3.34	$374.48	$3.453	$173.74	–	–	**$548.22**
598	14" Flexible Dia Duct	8.30	LF	10%	9.13	0.0808	$112.26	0.74	$82.76	$5.16	$47.11	–	–	**$129.87**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
599	6" Dia Duct	14.10	LF	10%	15.51	0.1922	$112.26	2.98	$334.59	$11.98	$185.81	–	–	**$520.40**
600	8" Dia Duct	52.06	LF	10%	57.27	0.2562	$112.26	14.67	$1,647.18	$16.46	$942.60	–	–	**$2,589.78**
601	10" Dia Duct	135.33	LF	10%	148.86	0.3203	$112.26	47.68	$5,352.31	$19.14	$2,849.24	–	–	**$8,201.55**
602	12" Dia Duct	423.77	LF	10%	466.15	0.3843	$112.26	179.16	$20,112.17	$22.94	$10,693.41	–	–	**$30,805.59**
603	14" Dia Duct	174.59	LF	10%	192.05	0.4484	$112.26	86.11	$9,667.07	$29.58	$5,680.81	–	–	**$15,347.88**
604	16" Dia Duct	42.40	LF	10%	46.64	0.5124	$112.26	23.90	$2,683.08	$38.40	$1,790.98	–	–	**$4,474.05**
605	16" x 16" Rectangular Duct	14.00	LF	10%	15.40	0.6528	$112.26	10.05	$1,128.56	$47.62	$733.29	–	–	**$1,861.85**
606	20" x 20" Rectangular Duct	17.75	LF	10%	19.52	0.816	$112.26	15.93	$1,788.57	$74.40	$1,452.66	–	–	**$3,241.23**
Mechanical Pipes														
607	Refrigerant Pipe • Provide Pipe Insulation Per Title 24 Energy Code (Table 120.3-A)	552.29	LF	10%	607.52	0.124	$112.26	75.33	$8,456.81	$9.10	$5,528.42	–	–	**$13,985.23**
Fittings/Bends/Transitions														
608	45 Degree Bend	28.00	EA	0%	28.00	0.798	$112.26	22.34	$2,508.34	$52.74	$1,476.72	–	–	**$3,985.06**
609	90 Degree Bend	33.00	EA	0%	33.00	0.812	$112.26	26.80	$3,008.12	$55.39	$1,827.87	–	–	**$4,835.99**
610	90 Degree Square- Throated Elbow w/ Turning Vanes	1.00	EA	0%	1.00	1.276	$112.26	1.28	$143.24	$78.49	$78.49	–	–	**$221.73**
611	Duct Transition	62.00	EA	0%	62.00	1.347	$112.26	83.51	$9,375.28	$82.76	$5,131.12	–	–	**$14,506.40**
612	End Cap	2.00	EA	0%	2.00	0.748	$112.26	1.50	$167.94	$45.28	$90.56	–	–	**$258.50**
613	Flexible Duct Transition	38.00	EA	0%	38.00	0.519	$112.26	19.72	$2,213.99	$28.14	$1,069.32	–	–	**$3,283.31**
614	Radius Tee	10.00	EA	0%	10.00	1.483	$112.26	14.83	$1,664.82	$89.27	$892.70	–	–	**$2,557.52**
Grilles/Diffusers/Registers														
615	A1: 12" Supply Diffuser (400 CFM) • Mfg.: R-OMNI (Round Plaque • Model: TITUS	4.00	EA	0%	4.00	1.549	$112.26	6.20	$695.56	$99.61	$398.44	–	–	**$1,094.00**
616	B1: 12" x 12" Supply Diffuser (150 CFM) • Mfg.: Omni (Square Plaque) • Model : TITUS	2.00	EA	0%	2.00	1.768	$112.26	3.54	$396.95	$118.75	$237.50	–	–	**$634.45**
617	B2: 24" x 24" Supply Diffuser (200 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	1.00	EA	0%	1.00	2.216	$112.26	2.22	$248.77	$147.75	$147.75	–	–	**$396.52**
618	B2: 24" x 24" Supply Diffuser (250 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	1.00	EA	0%	1.00	2.216	$112.26	2.22	$248.77	$147.75	$147.75	–	–	**$396.52**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
619	B2: 24" x 24" Supply Diffuser (275 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	4.00	EA	0%	4.00	2.216	$112.26	8.86	$995.07	$147.75	$591.00	–	–	**$1,586.07**
620	B2: 24" x 24" Supply Diffuser (300 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	1.00	EA	0%	1.00	2.216	$112.26	2.22	$248.77	$147.75	$147.75	–	–	**$396.52**
621	B3 : 24" x 24" Supply Diffuser (400 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	2.00	EA	0%	2.00	2.216	$112.26	4.43	$497.54	$147.75	$295.50	–	–	**$793.04**
622	C1: 24" x 24" Supply Diffuser (170 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	2.00	EA	0%	2.00	2.216	$112.26	4.43	$497.54	$147.75	$295.50	–	–	**$793.04**
623	C1: 24" x 24" Supply Diffuser (190 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	2.00	EA	0%	2.00	2.216	$112.26	4.43	$497.54	$147.75	$295.50	–	–	**$793.04**
624	C2: 24" x 24" Supply Diffuser (340 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	2.00	EA	0%	2.00	2.216	$112.26	4.43	$497.54	$147.75	$295.50	–	–	**$793.04**
625	C3: 24" x 24" Supply Diffuser (420 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	1.00	EA	0%	1.00	2.216	$112.26	2.22	$248.77	$147.75	$147.75	–	–	**$396.52**
626	C3: 24" x 24" Supply Diffuser (400 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	7.00	EA	0%	7.00	2.216	$112.26	15.51	$1,741.38	$147.75	$1,034.25	–	–	**$2,775.63**
627	C3: 24" x 24" Supply Diffuser (600 CFM) • Mfg.: Omni (Square Plaque) • Model: TITUS	2.00	EA	0%	2.00	2.216	$112.26	4.43	$497.54	$147.75	$295.50	–	–	**$793.04**
628	D1: 6" x 16" Supply Diffuser (250 CFM) • Mfg.: S301FS (3/4" Double Deflection) • Model: TITUS	1.00	EA	0%	1.00	1.772	$112.26	1.77	$198.92	$119.58	$119.58	–	–	**$318.50**
629	E1: 12" x 12" Exhaust Grille (150 CFM) • Mfg.: 350RS (3/4" Fixed Deflection) • Model: TITUS	6.00	EA	0%	6.00	1.539	$112.26	9.23	$1,036.61	$99.00	$594.00	–	–	**$1,630.61**
630	E2: 12" x 50" Return Grille • Mfg.: 350RS (3/4" Fixed Deflection) • Model: TITUS	2.00	EA	0%	2.00	4.589	$112.26	9.18	$1,030.32	$345.75	$691.50	–	–	**$1,721.82**
631	F1: 24" x 24" Return Grille • Mfg.: 45F • Model: TITUS	10.00	EA	0%	10.00	1.629	$112.26	16.29	$1,828.72	$110.00	$1,100.00	–	–	**$2,928.72**
632	G1: 24" x 24" Return Grille * Mfg.: 45F • Model: TITUS	3.00	EA	0%	3.00	1.629	$112.26	4.89	$548.61	$110.00	$330.00	–	–	**$878.61**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Dampers														
633	Volume Damper	45.00	EA	0%	45.00	0.859	$112.26	38.66	$4,339.41	$65.98	$2,969.10	–	–	**$7,308.51**
634	12" x 12" Fire Smoke Damper	1.00	EA	0%	1.00	1.427	$112.26	1.43	$160.20	$146.06	$146.06	–	–	**$306.26**
Sensors														
635	Smoke Detector	7.00	EA	0%	7.00	0.996	$112.26	6.97	$782.68	$75.47	$528.29	–	–	**$1,310.97**
636	Thermostat Shall Be Programmable & T-24 Code Compliant	7.00	EA	0%	7.00	1.371	$112.26	9.60	$1,077.36	$114.72	$803.04	–	–	**$1,880.40**
Fans														
637	Up- Blast Mushroom Exhaust Fan (800CFM) • Mfg.: Cook • Model No: 120R2 • w/ Backdraft Damper & Bird Screen	1.00	EA	0%	1.00	7.529	$112.26	7.53	$845.21	$1,627.00	$1,627.00	–	–	**$2,472.21**
Units														
638	CU-1: Condensate Unit • Mfg.: Samsung • Model No: AC048BXADCH/AA(CXH48ADB)	1.00	EA	0%	1.00	21.41	$112.26	21.41	$2,403.71	$7,012.72	$7,012.72	–	–	**$9,416.43**
639	CU-2: Condensate Unit • Mfg.: Samsung • Model No: AC048BXADCH/AA(CXH48ADB)	1.00	EA	0%	1.00	21.41	$112.26	21.41	$2,403.71	$7,012.72	$7,012.72	–	–	**$9,416.43**
640	CU-3: Condensate Unit • Mfg.: Samsung • Model No: AC048BXADCH/AA (CXH48ADB)	1.00	EA	0%	1.00	21.41	$112.26	21.41	$2,403.71	$7,012.72	$7,012.72	–	–	**$9,416.43**
641	CU-4: Condensate Unit • Mfg.: Samsung • Model No: AC048BXADCH/AA (CXH48ADB)	1.00	EA	0%	1.00	21.41	$112.26	21.41	$2,403.71	$7,012.72	$7,012.72	–	–	**$9,416.43**
642	CU-5: Condensate Unit • Mfg.: Samsung • Model No: AC048BXADCH/AA (CXH48ADB)	1.00	EA	0%	1.00	21.41	$112.26	21.41	$2,403.71	$7,012.72	$7,012.72	–	–	**$9,416.43**
643	CU-6: Condensate Unit • Mfg.: Samsung • Model No: AC036BXADCH/AA(CXH36ADB)	1.00	EA	0%	1.00	15.72	$112.26	15.72	$1,764.28	$4,582.24	$4,582.24	–	–	**$6,346.52**
644	CU-7: Condensate Unit • Mfg.: Samsung • Model No: AC036BXADCH/AA (CXH36ADB)	1.00	EA	0%	1.00	15.72	$112.26	15.72	$1,764.28	$4,582.24	$4,582.24	–	–	**$6,346.52**
645	FCU-1: Fan Coil Unit • Mfg.: Samsung • Model No: AC048BNHDCH/AA(CNH48HDB) 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	17.96	$112.26	17.96	$2,015.97	$5,647.00	$5,647.00	–	–	**$7,662.97**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
646	FCU-2: Fan Coil Unit • Mfg.: Samsung • Model No: AC048BNHDCH/AA(CNH48HDB) 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	17.96	$112.26	17.96	$2,015.97	$5,647.00	$5,647.00	–	–	**$7,662.97**
647	FCU-3: Fan Coil Unit • Mfg.: Samsung • Model No: AC048BNHDCH/AA(CNH48HDB) 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	17.96	$112.26	17.96	$2,015.97	$5,647.00	$5,647.00	–	–	**$7,662.97**
648	FCU-4: Fan Coil Unit • Mfg.: Samsung • Model No: AC048BNHDCH/AA(CNH48HDB 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	17.96	$112.26	17.96	$2,015.97	$5,647.00	$5,647.00	–	–	**$7,662.97**
649	FCU-5: Fan Coil Unit • Mfg.: Samsung • Model No: AC048BNHDCH/AA(CNH48HDB) 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	17.96	$112.26	17.96	$2,015.97	$5,647.00	$5,647.00	–	–	**$7,662.97**
650	FCU-6: Fan Coil Unit • Mfg.: Samsung • Model No: AC036BNHDCH/AA(CNH36HDB) 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	13.42	$112.26	13.42	$1,506.42	$3,592.00	$3,592.00	–	–	**$5,098.42**
651	FCU-7: Fan Coil Unit • Mfg.: Samsung • Model No: AC036BNHDCH/AA(CNH36HDB) 1: Provide Secondary Drain Pan w/ Condensate Float Switch 2: Fan Coil Equipped w/ 2x(24"x12"x4") MER_13 Filter 3: Provide Smoke Detector 4: Provide Back-Draft Damper	1.00	EA	0%	1.00	13.42	$112.26	13.42	$1,506.42	$3,592.00	$3,592.00	–	–	**$5,098.42**
Misc.														
652	Condenser Platform Shall Be 6" Tall	1.00	EA	0%	1.00	4.997	$112.26	5.00	$560.96	$781.48	$781.48	–	–	**$1,342.44**
653	20" x 20" Ventilation Air Intake • Provide Bird Screen • Provide Manual Damper & Back-Draft Damper	1.00	EA	0%	1.00	3.712	$112.26	3.71	$416.71	$250.80	$250.80	–	–	**$667.51**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
654	Wire	121.51	LF	10%	133.66	0.078	$112.26	10.43	$1,170.37	$4.98	$665.63	–	–	**$1,836.00**
													SUBTOTAL	**$256,201.35**
26. ELECTRICAL														
Lighting Fixtures														
655	A1: Westgate SCX Series 4FT Led Linear • Mfg.: Westgate • Model: SCX-4FT-40W-MCT4-D	45.00	EA	0%	45.00	1.558	$119.27	70.13	$8,364.38	$180.95	$8,142.75	–	–	**$16,507.13**
656	A1EM: Westgate SCX Series 4FT Led Linear w/ 90 Minute Emergency Battery Back Up • Mfg.: Westgate • Model: SCX-4FT-40W-MCT4-D + OPT-EM-CM1INT (ELB-XX48 EMERGENCY LED DRIVER/BATTERY)	12.00	EA	0%	12.00	1.927	$119.27	23.13	$2,758.54	$226.45	$2,717.40	–	–	**$5,475.94**
657	A2: Westgate SCX Series 4FT Led Linear • Mfg.: Westgate • Model: SCX-4FT-40W-MCT4-D	17.00	EA	0%	17.00	1.558	$119.27	26.49	$3,159.88	$180.95	$3,076.15	–	–	**$6,236.03**
658	B: Westgate SCX Series 2FT Led WYE Linear • Mfg.: Westgate • Model: SCX-Y2FT-60W-MCT4-D	5.00	EA	0%	5.00	3.349	$119.27	16.74	$1,996.90	$487.74	$2,438.70	–	–	**$4,435.60**
659	BEM: Westgate SCX Series 2FT Led WYE Linear w/ 90 Minute Emergency Battery Back Up • Mfg.: Westgate • Model: SCX-Y2FT-60W-MCT4-D + OPT-EM-CM1NT (ELB-XX48 EMERGENCY LED DRIVE/BATTERY	1.00	EA	0%	1.00	3.821	$119.27	3.82	$455.76	$533.24	$533.24	–	–	**$989.00**
660	C: Westgate TE RSL Series 4" Led Ultra Slim Downlight w/ 90 Minute Emergency Battery Back Up • Mfg.: Westgate • Model: LSS-4FT-34W-MCTP	14.00	EA	0%	14.00	1.148	$119.27	16.07	$1,917.17	$110.14	$1,541.96	–	–	**$3,459.13**
661	CEM: Westgate TE RSL Series 4" Led Ultra Slim Downlight w/ 90 Minute Emergency Battery Back Up • Mfg.: Westgate • Model:RSL-MCT5 + OPT-EM-DL1EXT (ELB-XX48 EMERGENCY LED DRIVE/BATTERY)	4.00	EA	0%	4.00	1.414	$119.27	5.66	$674.66	$155.64	$622.56	–	–	**$1,297.22**
662	D: Westgate Less Series 4FT Led Strip • Mfg.: Westgate • Model: LSS SERIES 4FT LED STRIP	5.00	EA	0%	5.00	1.269	$119.27	6.35	$756.80	$129.74	$648.70	–	–	**$1,405.50**
663	E: Westgate LRS-J Series Led Wall Sconce • Mfg.: Westgate • Model: LRS-J1S-MCT-C90-BN	17.00	EA	0%	17.00	1.246	$119.27	21.19	$2,527.27	$119.95	$2,039.15	–	–	**$4,566.42**
664	X: Lithonia EDGR Led Exit Sign w/ 90 Minute Battery Back Up • Mfg.: Lithonia • Model: EDGR-1-G-EL	10.00	EA	0%	10.00	3.456	$119.27	34.56	$4,122.19	$493.42	$4,934.20	–	–	**$9,056.39**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Power Items														
665	Duplex Receptacle (GFI, WP)	1.00	EA	0%	1.00	0.6282	$119.27	0.63	$74.93	$26.50	$26.50	–	–	**$101.43**
666	Ceiling Receptacle At Window	4.00	EA	0%	4.00	0.5232	$119.27	2.09	$249.59	$16.94	$67.76	–	–	**$317.35**
667	Duplex Receptacle (GFI)	41.00	EA	0%	41.00	0.593	$119.27	24.31	$2,900.03	$23.30	$955.30	–	–	**$3,855.33**
668	Half Switched Receptacle	14.00	EA	0%	14.00	0.5115	$119.27	7.16	$854.10	$15.88	$222.32	–	–	**$1,076.42**
669	Dedicated Receptacle	3.00	EA	0%	3.00	0.5182	$119.27	1.55	$185.42	$16.49	$49.47	–	–	**$234.89**
670	Quad Receptacle	3.00	EA	0%	3.00	0.8279	$119.27	2.48	$296.22	$44.67	$134.01	–	–	**$430.23**
671	Quad Receptacle (GFI)	1.00	EA	0%	1.00	0.9605	$119.27	0.96	$114.56	$56.74	$56.74	–	–	**$171.30**
672	Junction Box	31.00	EA	0%	31.00	0.7232	$119.27	22.42	$2,673.77	$35.14	$1,089.34	–	–	**$3,763.11**
673	Single Pole Switch	8.00	EA	0%	8.00	0.3917	$119.27	3.13	$373.77	$4.98	$39.84	–	–	**$413.61**
674	Fused Disconnect Switch	1.00	EA	0%	1.00	1.341	$119.27	1.34	$159.96	$91.38	$91.38	–	–	**$251.34**
675	Motor Rated Toggle Switch	8.00	EA	0%	8.00	1.286	$119.27	10.29	$1,227.48	$86.40	$691.20	–	–	**$1,918.68**
676	Dimmer Switch	7.00	EA	0%	7.00	0.6115	$119.27	4.28	$510.54	$24.98	$174.86	–	–	**$685.40**
677	Dimmer Switch (Dabc)	1.00	EA	0%	1.00	0.6336	$119.27	0.63	$75.57	$26.99	$26.99	–	–	**$102.56**
678	Dimmer Switch (Ddef)	1.00	EA	0%	1.00	0.6336	$119.27	0.63	$75.57	$26.99	$26.99	–	–	**$102.56**
679	Dimmer Switch (Dgh)	1.00	EA	0%	1.00	0.6336	$119.27	0.63	$75.57	$26.99	$26.99	–	–	**$102.56**
680	3 Way Dimmer Switch	2.00	EA	0%	2.00	0.8861	$119.27	1.77	$211.38	$49.97	$99.94	–	–	**$311.32**
681	2-Pole Fused Disconnect Switch Nema 1250V 30 AMP (Waterproof)	2.00	EA	0%	2.00	1.837	$119.27	3.67	$438.28	$136.53	$273.06	–	–	**$711.34**
682	2-Pole Fused Disconnect Switch Nema 1600V 30P (Waterproof)	1.00	EA	0%	1.00	3.478	$119.27	3.48	$414.82	$698.93	$698.93	–	–	**$1,113.75**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Sensors														
683	Occupancy Sensor	24.00	EA	0%	24.00	1.519	$119.27	36.46	$4,348.11	$85.41	$2,049.84	–	–	**$6,397.95**
Panels														
684	Panel HA • Volts (L-L): 480V • Phase: 3PH • Wire: 3W • Bus: 200A	1.00	EA	0%	1.00	7.549	$119.27	7.55	$900.37	$1,176.99	$1,176.99	–	–	**$2,077.36**
685	Panel LA • Volts (L-N): 120V • Volts (L-L): 208V • Phase: 3PH • Wire: 4W • Bus: 400A	1.00	EA	0%	1.00	9.857	$119.27	9.86	$1,175.64	$2,089.37	$2,089.37	–	–	**$3,265.01**
Breaker														
686	1 Pole Breaker (20 Amp)	41.00	EA	0%	41.00	0.458	$119.27	18.78	$2,239.65	$24.28	$995.48	–	–	**$3,235.13**
687	1 Pole Breaker (40 Amp)	1.00	EA	0%	1.00	0.612	$119.27	0.61	$72.99	$45.72	$45.72	–	–	**$118.71**
688	2 Pole Breaker (15 Amp)	2.00	EA	0%	2.00	0.496	$119.27	0.99	$118.32	$29.78	$59.56	–	–	**$177.88**
689	2 Pole Breaker (40 Amp)	14.00	EA	0%	14.00	0.752	$119.27	10.53	$1,255.67	$64.72	$906.08	–	–	**$2,161.75**
690	3 Pole Breaker (20 Amp)	33.00	EA	0%	33.00	0.629	$119.27	20.76	$2,475.69	$46.19	$1,524.27	–	–	**$3,999.96**
691	3 Pole Breaker (30 Amp)	3.00	EA	0%	3.00	0.734	$119.27	2.20	$262.63	$62.11	$186.33	–	–	**$448.96**
692	3 Pole Breaker (15 Amp)	3.00	EA	0%	3.00	0.527	$119.27	1.58	$188.57	$36.47	$109.41	–	–	**$297.98**
693	3 Pole Breaker (150 Amp)	3.00	EA	0%	3.00	3.621	$119.27	10.86	$1,295.63	$373.44	$1,120.32	–	–	**$2,415.95**
Low Voltage														
694	Data Receptacle	16.00	EA	0%	16.00	0.561	$119.27	8.98	$1,070.57	$7.98	$127.68	–	–	**$1,198.25**
Allowances														
695	Allowances For Wiring & Conduit (7352.21 SF) (3/4" Conduit (2)#10, (1)# GND : 4.58 LF Wiring & Conduit: 10.16 LF 3 Wire: 1534.3 LF)	1.00	LS	0%	1.00	323.50	$119.27	323.50	$38,583.52	$16,763.04	$16,763.04	–	–	**$55,346.55**
Misc. Items														
696	Plug Load Controller	7.00	EA	0%	7.00	1.597	$119.27	11.18	$1,333.32	$162.83	$1,139.81	–	–	**$2,473.13**
697	TV	5.00	EA	0%	5.00	2.482	$119.27	12.41	$1,480.14	$379.99	$1,899.95	–	–	**$3,380.09**
698	Power Pack	20.00	EA	0%	20.00	0.759	$119.27	15.18	$1,810.52	$49.95	$999.00	–	–	**$2,809.52**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
699	In-Ground Pull Box	1.00	EA	0%	1.00	1.412	$119.27	1.41	$168.41	$146.32	$146.32	–	–	**$314.73**
700	Time Clock	1.00	EA	0%	1.00	1.583	$119.27	1.58	$188.80	$152.70	$152.70	–	–	**$341.50**
701	Photocell Control	10.00	EA	0%	10.00	0.379	$119.27	3.79	$452.03	$18.65	$186.50	–	–	**$638.53**
702	Transformer 112.5KVA XFMR "TA"	1.00	EA	0%	1.00	52.81	$119.27	52.81	$6,298.89	$17,536.95	$17,536.95	–	–	**$23,835.84**
Electrical Site Plan														
Light Fixtures														
703	F: Westgate Lfx-Lg Series Led Area Light 1. Fixture • Mfg.: LFX Model: LG-50-150W-30K 2. Integral Motion Sensor • Mfg.: OPT • Model: SEN-3MR-3 3. Shroud • Mfg.: LF Model: SHROUD-A 4. Programming Remote • Mfg.: WEC • Model: 8RC	13.00	EA	0%	13.00	2.819	$119.27	36.65	$4,371.28	$277.40	$3,606.23	–	–	**$7,977.51**
704	G: Dazuma Lighting 98" Cylinder Path Post Lamp • Mfg.: Dazuma • Model: LI000952-04B	8.00	EA	0%	8.00	1.943	$119.27	15.55	$1,854.17	$181.49	$1,451.94	–	–	**$3,306.11**
705	H: SPJ Lighting Low Voltage Path Light Bollard • Mfg.: SPJ Lighting • Model: SPJ-TW1-15-_-1.5W-105-2700K-8-15V	9.00	EA	0%	9.00	5.867	$119.27	52.81	$6,298.08	$881.06	$7,929.56	–	–	**$14,227.64**
706	J: SPJ Lighting Mr. Universe Low Voltage Directional Light • Mfg.: SPJ Lighting • Model: MR. UNIVERSE	24.00	EA	0%	24.00	3.747	$119.27	89.93	$10,725.71	$435.96	$10,463.04	–	–	**$21,188.75**
707	k: SPJ Lighting Mr. Universe Low Voltage Light • Mfg.: SPJ Lighting • Model: SPJ-MW1000 P-SH-MBR-6W-WIDE ANGLE FLOOD-300-2700K-8-15V Note: Low Voltage Landscape Lighting • Mfg.: FX Lighting • Model: PX-600-TPS-SS	14.00	EA	0%	14.00	4.703	$119.27	65.85	$7,853.39	$719.21	$10,068.98	–	–	**$17,922.37**
708	L: SPJ Lighting LI'L Beast Low Voltage Directional Light • Mfg.: SPJ Lighting • Model: LI'LBEAST	2.00	EA	0%	2.00	2.669	$119.27	5.34	$636.72	$239.22	$478.44	–	–	**$1,115.16**
709	M: SPJ Lighting Titan Low Voltage Directional Light • Mfg.: SPJ Lighting • Model: TITAN-MBR-6W-WIDE ANGLE FLOOD-300-2700K-12-15V	2.00	EA	0%	2.00	2.859	$119.27	5.72	$681.99	$278.44	$556.88	–	–	**$1,238.86**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
710	UW: SPJ Lighting Low Voltage Adjustable Under Water Light • Mfg.: SPJ Lighting • Model: SPJ13-14FM-SB-3W-SPOT-200-2700K-8-15V	1.00	EA	0%	1.00	2.997	$119.27	3.00	$357.45	$292.16	$292.16	–	–	**$649.61**
711	WW: SPJ Lighting Low Voltage Wall Wash Light • Mfg.: SPJ Lighting • Model: SPJ-LSL-12-MBR-3W-300-2700K-9-15V	11.00	EA	0%	11.00	3.563	$119.27	39.20	$4,674.88	$414.42	$4,558.62	–	–	**$9,233.50**
Power Items														
712	Duplex Receptacle (GFI, WP)	2.00	EA	0%	2.00	0.6282	$119.27	1.26	$149.85	$26.50	$53.00	–	–	**$202.85**
Electrical Roof Plan														
Power Items														
713	Motor Rated Toggle Switch	1.00	EA	0%	1.00	1.286	$119.27	1.29	$153.43	$86.40	$86.40	–	–	**$239.83**
714	2-Pole Fused Disconnect Switch (Waterproof)	7.00	EA	0%	7.00	1.859	$119.27	13.01	$1,552.06	$145.08	$1,015.56	–	–	**$2,567.62**
715	Duplex Receptacle (GFI, WP)	1.00	EA	0%	1.00	0.6282	$119.27	0.63	$74.93	$26.50	$26.50	–	–	**$101.43**
													SUBTOTAL	**$263,997.56**
31. EARTHWORK														
Grading														
716	Rough Grading	12,041.18	CY	10%	13,245.30	0.114	$132.10	1,509.96	$199,466.27	–	–	–	–	**$199,466.27**
717	Cut	6,020.59	CY	10%	6,622.65	0.151	$132.10	1,000.02	$132,102.66	–	–	–	–	**$132,102.66**
718	Fill & Import	6,020.59	CY	10%	6,622.65	0.227	$132.10	1,503.34	$198,591.41	$32.50	$215,236.12	–	–	**$413,827.53**
													SUBTOTAL	**$745,396.46**
32. EXTERIOR IMPROVEMENT														
Pavements														
719	AC Pavement Over Base or Overlay AC Pavement Per Soils Report	13,606.50	SF	10%	14,967.15	0.032	$76.58	478.95	$36,677.90	$3.18	$47,595.54	–	–	**$84,273.44**
720	LID Stormwater Floe Thru Planter Box or Rain Garden Bioinfiltration System	5,433.95	SF	10%	5,977.34	0.095	$76.58	567.85	$43,485.78	$10.74	$64,196.69	–	–	**$107,682.47**
721	Permeable Pavers • 3/8" Washed Gravel/ Wash Sand • 1/2" to 1/2" Washed Gravel	3,104.56	SF	10%	3,415.02	0.135	$76.58	461.03	$35,305.46	$11.98	$40,911.89	–	–	**$76,217.35**
722	Permeable Pavers w/ Underlying Infiltration Trench • 3/8" Washed Gravel/ Wash Sand • 1/2" to 1/2" Washed Gravel	1,009.32	SF	10%	1,110.25	0.165	$76.58	183.19	$14,028.81	$16.82	$18,674.44	–	–	**$32,703.25**
723	Impervious Concrete Hardscape	14,623.38	SF	10%	16,085.72	0.044	$76.58	707.77	$54,201.15	$3.97	$63,860.30	–	–	**$118,061.45**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Ramps														
724	Curb Ramp	239.09	SF	10%	263.00	0.044	$76.58	11.57	$886.18	$3.97	$1,044.11	–	–	**$1,930.29**
Pavement Marking														
725	4" Van Accessible Parking Space Striping (Blue Painted)	2,866.37	LF	10%	3,153.01	0.025	$76.58	78.83	$6,036.43	$1.40	$4,414.21	–	–	**$10,450.64**
726	No Parking Diagonal Parking Striping (White)	187.51	LF	10%	206.26	0.025	$76.58	5.16	$394.89	$1.40	$288.77	–	–	**$683.65**
727	Handicapped Strips	987.20	LF	10%	1,085.92	0.025	$76.58	27.15	$2,078.99	$1.40	$1,520.29	–	–	**$3,599.28**
Curb & Gutter														
728	3" Rolled Concrete Curb • #4 Longitudinal Bar	121.76	LF	10%	133.94	0.075	$76.58	10.05	$769.26	$4.85	$649.59	–	–	**$1,418.85**
729	6" Concrete Curb Reinf. w/ • #4 T & B Cont., (Horiz) & #4 @ 16" O,C (Vert)	789.23	LF	10%	868.15	0.12	$76.58	104.18	$7,977.98	$6.80	$5,903.44	–	–	**$13,881.42**
Signage														
730	24" Dia "No Dumping" Stencil to be Applied at all Catch Basin & Area Drains	6.00	EA	0%	6.00	1.994	$76.58	11.96	$916.20	$178.50	$1,071.00	–	–	**$1,987.20**
731	International Symbol of Accessibility (3'-0" x 3'-0")	6.00	EA	0%	6.00	1.718	$76.58	10.31	$789.39	$124.48	$746.88	–	–	**$1,536.27**
732	12" No Parking Lettering (White Painted)	5.00	EA	0%	5.00	1.459	$76.58	7.29	$558.65	$97.10	$485.50	–	–	**$1,044.15**
733	Handicap Parking & Van Accessible Sign • Min 70" Sq. Reflectorized Sign Permanently Posted Immediately Adjacent to & Visible from Each Stall or Space With is a in White on a Dark Blue Background. Bolt to Steel Pipe w/ 3/8" Cadmium Plated Bolts, Nuts & Washers • "Minimum Fine $250" Shall be Included Below Isa As Either an Additional Sign or Additional Language • Where Van Accessible Space Occurs (6" x 1'-0") • 17" x 22" Additional Sign Located in Conspicuous Location • 2" Dia Steel Pipe, Extend into Con. Filled Pipe 1'-9". Provide Welded Water-Tight Cap. Prime & Painted: White • 2-1/2" Dia Galv. Pipe Sleeve, Tack Weld to Pipe As Required	6.00	EA	0%	6.00	1.926	$76.58	11.56	$884.96	$174.95	$1,049.70	–	–	**$1,934.66**
734	(1'-6" Dia. x 2'-0" H) Concrete Signage Footing Reinf. w/	0.79	CY	10%	0.86	4.59	$76.58	3.96	$303.52	$355.00	$306.54	–	–	**$610.06**
735	Formwork	56.52	SF	10%	62.17	0.045	$76.58	2.80	$214.25	–	–	–	–	**$214.25**
736	12'-0" Directional Arrow	9.00	EA	0%	9.00	3.512	$76.58	31.61	$2,420.54	$141.29	$1,271.61	–	–	**$3,692.15**
737	Save & Protect City Sign	1.00	EA	0%	1.00	1.35	$76.58	1.35	$103.38	$45.75	$45.75	–	–	**$149.13**
738	Save & Protect "Park & Ride" City Sign	1.00	EA	0%	1.00	1.35	$76.58	1.35	$103.38	$45.75	$45.75	–	–	**$149.13**

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Site Work														
739	(4'-0" x 4'-0") Tree Well	7.00	EA	0%	7.00	4.758	$76.58	33.31	$2,550.57	$299.00	$2,093.00	–	–	**$4,643.57**
740	Existing Asphalt Parking Lot to be Recoated & Restriped w/ New Parking Layout	4,308.99	SF	10%	4,739.89	0.02	$76.58	94.80	$7,259.61	$1.40	$6,635.84	–	–	**$13,895.46**
741	Playground Area • Details Are Not Given	657.33	SF	10%	723.06	0.08	$76.58	57.85	$4,429.77	$12.00	$8,676.76	–	–	**$13,106.53**
742	BMP Rain Garden • Rain Garden Used As Infiltration Shall not be Permitted in Areas Designated As Liquefaction or Hillside Grading Areas & on Slopes That Exceeds 30% • Edge of Rain Garden Must Meet Infiltration Setbacks Per Labs Infiltration Bulletin • Direct Overflow Discharge Per Bureau of Engineering & Building & Safety Requirements	389.70	SF	10%	428.67	0.095	$76.58	40.72	$3,118.62	$10.74	$4,603.92	–	–	**$7,722.53**
743	Kn:30: Install Vapor Barrier Between Existing Building & Proposed Concrete	692.93	LF	10%	762.22	0.10	$76.58	76.22	$5,837.10	$3.00	$2,286.67	–	–	**$8,123.77**
744	Kn#12: Sawcut & Join	1,571.33	LF	10%	1,728.46	0.075	$76.58	129.63	$9,927.43	$0.50	$864.23	–	–	**$10,791.66**
745	Block Wall (H=6'-0")	71.36	LF	10%	78.50	0.75	$76.58	58.87	$4,508.42	$120.00	$9,419.52	–	–	**$13,927.94**
746	Retaining Wall (H=6'-0")	66.97	LF	10%	73.67	1.35	$76.58	99.45	$7,615.92	$135.00	$9,945.05	–	–	**$17,560.96**
Erosion Control														
747	Detectable Warning (I.E Truncated Domes) Color Federal Yellow	81.42	SF	10%	89.56	0.25	$76.58	22.39	$1,714.66	$35.14	$3,147.21	–	–	**$4,861.87**
748	Grade Swale 1% Min Slope (2500 PSI PCC) • Compacted Subgrade	107.14	LF	10%	117.85	0.50	$76.58	58.93	$4,512.63	$40.00	$4,714.16	–	–	**$9,226.79**
Misc.														
749	Street Lamp • Mfg.: Westgate • Model: LFX-LG-50-150W	13.00	EA	0%	13.00	3.415	$76.58	44.40	$3,399.77	$168.74	$2,193.62	–	–	**$5,593.39**
750	Street Lamp	4.00	EA	0%	4.00	3.415	$76.58	13.66	$1,046.08	$168.74	$674.96	–	–	**$1,721.04**
751	Cell Tower	1.00	EA	0%	1.00	4.598	$76.58	4.60	$352.11	$399.99	$399.99	–	–	**$752.10**
752	Bench (By Owner)	4.00	EA	0%	4.00	2.412	$76.58	9.65	$738.84	–	–	–	–	**$738.84**
753	Sanctuary Mechanical Equipment	1.00	EA	0%	1.00	16.48	$76.58	16.48	$1,261.89	$5,289.00	$5,289.00	–	–	**$6,550.89**

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		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
Landscape														
Trees														
754	Botanical Name: Lagerstroemia Indica • Common Name: Crepe Myrtle • Size: 24" Box	7.00	EA	0%	7.00	5.412	$58.42	37.88	$2,213.18	$383.96	$2,687.72	–	–	**$4,900.90**
755	Botanical Name: Arbutus "Marina" Multi • Common Name: Arbutus • Size: 36" Box	6.00	EA	0%	6.00	6.127	$58.42	36.76	$2,147.64	$425.90	$2,555.40	–	–	**$4,703.04**
756	Botanical Name: Pyrus Kawakamii • Common Name: Evergreen Pear Tree • Size: 36" Box	2.00	EA	0%	2.00	5.986	$58.42	11.97	$699.40	$399.96	$799.92	–	–	**$1,499.32**
757	Botanical Name: Cupaniopsis Anacardioides • Common Name: Carrotwood Tree • Size: 48" Box	2.00	EA	0%	2.00	6.372	$58.42	12.74	$744.50	$428.75	$857.50	–	–	**$1,602.00**
758	Botanical Name: Parkinsonia Aculeate • Common Name: Mexican Palo Verde • Size: 84" Box	1.00	EA	0%	1.00	16.47	$58.42	16.47	$962.35	$1,978.62	$1,978.62	–	–	**$2,940.97**
759	Botanical Name: Pinus Canariensis • Common Name: Canary Island Pine • Size: 72" Box	1.00	EA	0%	1.00	12.53	$58.42	12.53	$731.94	$1,475.00	$1,475.00	–	–	**$2,206.94**
Ornamental Shrubs														
760	25: Botanical Name: Rhaphiolepis Umbellate "Minor" • Common Name: Indian Hawthorn • Size: 5 GAL	25.00	EA	0%	25.00	0.8986	$58.42	22.47	$1,312.46	$48.34	$1,208.61	–	–	**$2,521.07**
761	26: Botanical Name: Carex Pregracilis • Common Name: California Field Sedge • Size: 5 GAL	79.00	EA	0%	79.00	0.967	$58.42	76.39	$4,462.65	$54.56	$4,310.32	–	–	**$8,772.97**
762	27: Botanical Name: Juncus Patens • Common Name: California Gray Rush • Size: 5 GAL	48.00	EA	0%	48.00	0.6244	$58.42	29.97	$1,751.02	$23.39	$1,122.83	–	–	**$2,873.85**
763	28: Botanical Name: Arctostaphylos "Emerald Carpet" • Common Name: Carpet Manzanita • Size: 5 GAL	26.00	EA	0%	26.00	0.6673	$58.42	17.35	$1,013.57	$27.29	$709.60	–	–	**$1,723.16**
764	24: Botanical Name: Leucadendron "Safari Sunset" • Common Name: Safari Conebush • Size: 15 GAL	26.00	EA	0%	26.00	1.482	$58.42	38.52	$2,250.53	$101.40	$2,636.40	–	–	**$4,886.93**
765	23: Botanical Name: Coreopsis Lanceolate • Common Name: Lanceleaf Coreopsis • Size: 5 GAL	6.00	EA	0%	6.00	0.4873	$58.42	2.92	$170.81	$10.91	$65.47	–	–	**$236.28**
766	22: Botanical Name: Leonotis Leonurus • Common Name: Lion's Tail • Size: 15 GAL	13.00	EA	0%	13.00	0.7955	$58.42	10.34	$604.17	$38.96	$506.49	–	–	**$1,110.66**

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767	8: Botanical Name: Dianella Revolita "Baby Bliss" • Common Name: Baby Bliss Flax Lily • Size: 15 GAL	39.00	EA	0%	39.00	0.9613	$58.42	37.49	$2,190.19	$54.05	$2,107.80	–	–	**$4,298.00**
768	9: Botanical Name: Lemus Condensates "Canyon Prince" • Common Name: Canyon Prince Wild Rye • Size: 15 GAL	48.00	EA	0%	48.00	0.8452	$58.42	40.57	$2,369.94	$43.48	$2,086.91	–	–	**$4,456.85**
769	7: Botanical Name: Salvia Waverly • Common Name: Waverly Salvia • Size: 15 GAL	24.00	EA	0%	24.00	0.9049	$58.42	21.72	$1,268.73	$48.91	$1,173.93	–	–	**$2,442.67**
770	4: Botanical Name: Kalanchoe Lucia • Common Name: Paddle Paint • Size: 15 GAL	26.00	EA	0%	26.00	1.019	$58.42	26.48	$1,547.23	$59.26	$1,540.87	–	–	**$3,088.10**
771	1: Botanical Name: Olea European "Montra" • Common Name: Little Ollie Dwarf Olive • Size: 15 GAL	3.00	EA	0%	3.00	1.213	$58.42	3.64	$212.54	$76.92	$230.77	–	–	**$443.31**
772	5: Botanical Name: Agave Attenuate • Common Name: Fox Tail Agave • Size: 15 GAL	3.00	EA	0%	3.00	1.098	$58.42	3.29	$192.48	$66.51	$199.53	–	–	**$392.01**
773	2: Botanical Name: Limonium Prezi • Common Name: Sea Lavender • Size: 15 GAL	1.00	EA	0%	1.00	0.747	$58.42	0.75	$43.64	$34.55	$34.55	–	–	**$78.19**
774	3: Botanical Name: Aeonium "Mint Saucer" • Common Name: Green Aeonium • Size: 15 GAL	31.00	EA	0%	31.00	0.812	$58.42	25.17	$1,470.51	$40.46	$1,254.22	–	–	**$2,724.73**
775	10: Botanical Name: Miscanthus Sieneses "Morning Light" • Common Name: Morning Light Maiden Grass • Size: 15 GAL	202.00	EA	0%	202.00	0.7408	$58.42	149.63	$8,741.49	$33.98	$6,863.31	–	–	**$15,604.80**
776	12: Botanical Name: Rhaphiolepis "Ballerina" • Common Name: NCN • Size: 5 GAL	164.00	EA	0%	164.00	0.7529	$58.42	123.48	$7,213.66	$35.08	$5,753.84	–	–	**$12,967.51**
777	13: Botanical Name: Agapanthus • Common Name: Lily of the Nile • Size: 5 GAL	81.00	EA	0%	81.00	0.7425	$58.42	60.14	$3,513.36	$34.13	$2,764.76	–	–	**$6,278.12**
778	14: Botanical Name: Nandina Domestic "Fire Power" • Common Name: Dwarf Heavenly Bamboo • Size: 5 GAL	21.00	EA	0%	21.00	0.6858	$58.42	14.40	$841.36	$28.98	$608.52	–	–	**$1,449.88**
779	16: Botanical Name: Clivia Miniata • Common Name: NCN • Size: 5 GAL	9.00	EA	0%	9.00	0.7847	$58.42	7.06	$412.59	$37.98	$341.80	–	–	**$754.40**
780	15: Botanical Name: Aloe Arborescens • Common Name: Torch-Aloe • Size: 15 Gal	3.00	EA	0%	3.00	0.9312	$58.42	2.79	$163.20	$51.31	$153.93	–	–	**$317.13**
781	19: Botanical Name: Podocarpus Graciliar • Common Name: Fern Pine • Size: 15 GAL	22.00	EA	0%	22.00	1.184	$58.42	26.04	$1,521.15	$74.27	$1,633.98	–	–	**$3,155.12**

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782	17: Botanical Name: Coreopsis Maritima • Common Name: NCN • Size: 5 GAL	19.00	EA	0%	19.00	0.6649	$58.42	12.63	$738.02	$27.07	$514.40	–	–	**$1,252.42**
Groundcovers														
783	Botanical Name: Senecio Mandrliscae • Common Name: Blue Chalksticks • Size: Flats	764.19	SF	10%	840.61	0.05	$58.42	42.03	$2,455.42	$12.00	$10,087.31	–	–	**$12,542.73**
784	At-Grade Infiltration Planters	623.08	SF	10%	685.39	0.095	$76.58	65.11	$4,986.27	$10.74	$7,361.07	–	–	**$12,347.33**
Irrigation														
Pipes														
785	1" Mainline for Hose Bib • Mfg.: PVC • Model: SCH 40 • SCH 40 Solvent Weld	665.18	LF	10%	731.70	0.0251	$58.42	18.37	$1,072.92	$1.23	$899.99	–	–	**$1,972.91**
786	1" Lateral Line • Mfg.: PVC • Model: SCH 40	3,294.46	LF	10%	3,623.91	0.0251	$58.42	90.96	$5,313.89	$1.23	$4,457.40	–	–	**$9,771.29**
787	1/2" Polyethylene Tubing w/ Rain Bird 700-CF-21 Compression Flush Cap at Each End • Mfg.: Rain Bird • Model: XT-700	896.77	LF	10%	986.45	0.0126	$58.42	12.38	$723.23	$0.88	$868.07	–	–	**$1,591.31**
788	2" Sleeve	2,044.35	LF	10%	2,248.78	0.0502	$58.42	112.89	$6,594.98	$2.19	$4,924.84	–	–	**$11,519.81**
Valves														
789	1" Electric Remote Control Drip Valve w/ Omnireg & Irritrol Systems 420-75 200 Mesh Wye Filter & In-Line 30 PSI Pressure Regulator • Adjust Flow Control & Adjust Omnireg to 20 PSI Above System Requirements. • Mfg.: Irritrol Systems • Model: 700-1-OMR-100	9.00	EA	0%	9.00	1.374	$58.42	12.37	$722.42	$84.93	$764.37	–	–	**$1,486.79**
790	1-1/2" Electric Remote Control Valve w/ Pressure Regulating Module As Needed • Mfg.: Rain Bird • Model: 100-PEB-PRS-D	6.00	EA	0%	6.00	1.698	$58.42	10.19	$595.18	$171.19	$1,027.14	–	–	**$1,622.32**
791	1" Brass Hose-Bib • Mfg.: Arrowhead or Equal • Model: 351 OR 353	9.00	EA	0%	9.00	0.412	$58.42	3.71	$216.62	$27.21	$244.89	–	–	**$461.51**
792	Pressure Reducing Valve Factory Set at 75 PSI • Mfg.: Pressure Reducing Valve Wilkins • Model: 500XL	1.00	EA	0%	1.00	5.427	$58.42	5.43	$317.05	$1,398.41	$1,398.41	–	–	**$1,715.46**

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SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
793	Normally Open Brass Master Valve that Provides Dirty Water Protection • Mfg.: Buckner • Model: Superior 3100 1"1	1.00	EA	0%	1.00	1.981	$58.42	1.98	$115.73	$225.00	$225.00	–	–	**$340.73**
Devices														
794	24 Station Controller • Wall Mount w/ Permanent Mounted PMRKIT & Jack-Irc Receiver & 1 XMRT "Promax" Remote Set to Operate Both Controllers • Mfg.: Weathermatic • Model: Smartline SL4824, E-SL4824	1.00	EA	0%	1.00	4.957	$58.42	4.96	$289.59	$732.95	$732.95	–	–	**$1,022.54**
795	Automatic Rain Shutoff Device • Mfg.: Hunter • Model: Mini-Click	1.00	EA	0%	1.00	0.874	$58.42	0.87	$51.06	$49.95	$49.95	–	–	**$101.01**
796	Automatic Wind Shutoff Device • Mfg.: Hunter • Model: Mini-Click	1.00	EA	0%	1.00	0.874	$58.42	0.87	$51.06	$49.95	$49.95	–	–	**$101.01**
797	Reduced Pressure Backflow Unit • Install a Brass Wye Strainer on the Inlet Side of the Unit • Mfg.: Febco • Model: 825Y	1.00	EA	0%	1.00	3.858	$58.42	3.86	$225.38	$604.95	$604.95	–	–	**$830.33**
Sensors														
798	1-1/2" Flow Sensor • Run a Minimum of 15" of 1-1/2" PVC SCH 40 Before & 10" 1-1/2" PVCV ALFer the Flow Sensor • Mfg.: Rainmaster • Model: FS-150	1.00	EA	0%	1.00	6.871	$58.42	6.87	$401.40	$995.73	$995.73	–	–	**$1,397.13**
Irrigation Head														
799	12" Shrub Pop-Up Sprinkler w/ PCS Screen As Needed • Mfg.: Rain Bird • Model: 1812-12-PCS	24.00	EA	0%	24.00	0.458	$58.42	10.99	$642.15	$17.82	$427.68	–	–	**$1,069.83**
800	12" Shrub Pop-Up Sprinkler w/ PCS Screen As Needed • Mfg.: Rain Bird • Model: 1812-8-PCS	29.00	EA	0%	29.00	0.412	$58.42	11.95	$698.00	$15.09	$437.61	–	–	**$1,135.61**
801	6" Bubbler Pressure Regulating Sprinkler w/ 5-B Nozzle, • Seal-A-Matic Check Valve & PCS Screen As Needed • Mfg.: Rain Bird • Model: 1806-PRS-SAM-5B	42.00	EA	0%	42.00	0.529	$58.42	22.22	$1,297.98	$22.28	$935.76	–	–	**$2,233.74**
802	6" Shrub Pop-Up Bubbler Sprinkler, Use PA-80 Adapter to Mount Head on Pop-Up Body • Mfg.: Rain Bird • Model: 1300A-F	2.00	EA	0%	2.00	0.042	$58.42	0.08	$4.91	$1.42	$2.84	–	–	**$7.75**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
803	Brass Ball/ Gate Valve on Mainline • Mfg.: Nibco • Model: T-580, T-113	2.00	EA	0%	2.00	2.748	$58.42	5.50	$321.08	$220.16	$440.32	–	–	**$761.40**
													SUBTOTAL	**$745,150.32**
33. UTILITIES														
Drainage System														
804	6" PVC Stormdrain Pipe	932.53	LF	10%	1,025.78	0.1506	$88.07	154.48	$13,605.31	$9.99	$10,247.57	–	–	**$23,852.88**
805	Excavation for Trenching	103.61	CY	10%	113.98	0.227	$88.07	25.87	$2,278.59	–	–	–	–	**$2,278.59**
806	Backfill for Trenching	96.84	CY	10%	106.52	0.187	$88.07	19.92	$1,754.29	–	–	–	–	**$1,754.29**
807	4" Perforated PVC Storm Strain Pipe	54.34	LF	10%	59.77	0.1004	$88.07	6.00	$528.54	$5.96	$356.25	–	–	**$884.79**
808	Excavation for Trenching	4.67	CY	10%	5.14	0.227	$88.07	1.17	$102.68	–	–	–	–	**$102.68**
809	Backfill for Trenching	4.49	CY	10%	4.94	0.187	$88.07	0.92	$81.40	–	–	–	–	**$81.40**
810	4" PVC Storm Strain Pipe	116.75	LF	10%	128.43	0.1004	$88.07	12.89	$1,135.56	$5.96	$765.41	–	–	**$1,900.98**
811	Excavation for Trenching	10.03	CY	10%	11.04	0.227	$88.07	2.50	$220.61	–	–	–	–	**$220.61**
812	Backfill for Trenching	9.65	CY	10%	10.62	0.187	$88.07	1.99	$174.90	–	–	–	–	**$174.90**
Drain Items														
813	6" x 6" Area Drain	14.00	EA	0%	14.00	3.472	$88.07	48.61	$4,280.91	$246.54	$3,451.56	–	–	**$7,732.47**
814	Atrium Drain	11.00	EA	0%	11.00	3.994	$88.07	43.93	$3,869.27	$375.47	$4,130.17	–	–	**$7,999.44**
815	4" Dia PVC Overflow Drain w/ Atrium Gate Inlet or Equivalent	8.00	EA	0%	8.00	2.968	$88.07	23.74	$2,091.13	$188.43	$1,507.44	–	–	**$3,598.57**
816	12" x 12" Catch Basin	4.00	EA	0%	4.00	3.657	$88.07	14.63	$1,288.29	$352.62	$1,410.48	–	–	**$2,698.77**
817	Catch Basin	7.00	EA	0%	7.00	3.657	$88.07	25.60	$2,254.50	$352.62	$2,468.34	–	–	**$4,722.84**
													SUBTOTAL	**$58,003.20**

NOTES

General Notes: The prices used while preparing the estimate were taken from RSMeans online, i.e. the standard pricing. It is therefore preferred to review the prices.

1. The drawings are scaled as per the mentioned scales on the plans.

LEGEND

LBS = Pound
SF = Square Feet
LF = Linear Feet
EA = Each
CY = Cubic Yard
SY = Square Yard
LOC = Location
LS = Lump Sum

PROJECTED COST		$3,654,286.97
OVERHEAD AND PROFIT	20%	$730,857.39
INSURANCE	3%	$109,628.61
CONTINGENCY	5%	$182,714.35
SUGGESTED BID		**$4,677,487.32**

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