



ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	ITEM COST	TRADE COST
<b>DEMOLITION</b>									\$ 21,320
1	AD101	Remove Existing Window, frame and hardware	12	0%	12	ea	\$ 75.0	\$ 900	
2	AD101	Remove existing steel columns, footings and related beams	2	0%	2	ea	\$ 150.0	\$ 300	
3	AD101	Remove portion of existing wall for door opening	15	0%	15	lf	\$ 25.0	\$ 375	
4	AD101	Remove existing door, frame and hardware	13	0%	13	ea	\$ 100.0	\$ 1,300	
5	AD101	Remove existing interior partition	494	0%	494	sf	\$ 3.0	\$ 1,482	
6	AD101	Remove existing exterior canopy	9	0%	9	lf	\$ 20.0	\$ 180	
7	AD101	Remove the storefront	3	0%	3	ea	\$ 200.0	\$ 600	
8	AD101	Remove existing formstone on entire façade	111	0%	111	lf	\$ 45.0	\$ 4,995	
9	AD101	Remove infill from existing opening	40	0%	40	lf	\$ 50.0	\$ 2,000	
10	AD101	Remove existing wood framed stair and handrail	35	0%	35	lf	\$ 35.0	\$ 1,225	
11	AD101	Remove existing stair, framing and associated hardware	29	0%	29	lf	\$ 35.0	\$ 1,015	
12	AD101	Remove existing wood floor	9	0%	9	sf	\$ 3.0	\$ 27	
13	AD101	Remove existing masonry wall	741	0%	741	sf	\$ 6.0	\$ 4,446	
14	P-2	Remove 1 1/4" gas pipe	90	0%	90	lf	\$ 5.0	\$ 450	
15	P-2	3" sanitary pipe to be removed	105	0%	105	lf	\$ 5.0	\$ 525	
16	P-2	Remove 50mbh unit heater	1	0%	1	ea	\$ 200.0	\$ 200	
17	P-2	Remove 75mbh unit heater	1	0%	1	ea	\$ 200.0	\$ 200	
18	P-2	Remove 120mbh unit heater	1	0%	1	ea	\$ 200.0	\$ 200	
19	P-2	Remove 165mbh unit heater	1	0%	1	ea	\$ 200.0	\$ 200	
20	P-2	Remove gas line	49	0%	49	lf	\$ 5.0	\$ 245	
21	P-2	Remove 1 1/2" gas line	91	0%	91	lf	\$ 5.0	\$ 455	
<b>SITE WORK</b>									\$ 15,279
22	C001	Concrete side walk	416	5%	437	sf	\$ 6.0	\$ 2,621	
23	C001	Proposed stair Landing	350	5%	368	sf	\$ 8.0	\$ 2,940	
24	C001	Wheel Stops	88	5%	92	lf	\$ 18.0	\$ 1,663	
25	C001	Manhole	3	0%	3	ea	\$ 2,200.0	\$ 6,600	
26	C001	New 2" water service connection to replace existing	42	5%	44	lf	\$ 33.0	\$ 1,455	
<b>CONCRETE</b>									\$ 81,921
<b>Footing</b>									
27	S100	1'-4" x 1'-0" Concrete footing	132	5%	139	cf	\$ 62.0	\$ 8,618	
28	S100	2'-6" x 1'-0" Concrete wall footing	165	5%	174	cf	\$ 62.0	\$ 10,788	
29	S100	20" Dia footing	7	5%	7	cf	\$ 62.0	\$ 434	
30	S100	24" Dia footing under steel column	28	5%	30	cf	\$ 62.0	\$ 1,860	
<b>Beam</b>									
31	S100	8" x 1'-4" Concrete top beam with (4) -#5 bars cont. and #4 tie wires @ 24" o.c.	88	5%	93	cf	\$ 62.0	\$ 5,766	
32	S100	12" x 1'-4" Concrete top beam with (4) -#5 bars cont. and #4 tie wires @ 24" o.c.	132	5%	139	cf	\$ 62.0	\$ 8,618	
<b>Column</b>									
33	S100	12" x 16" Concrete column w/ (4) -#5 vertical bars and #4 Tie wires @ 24" o.c.	128	5%	135	cf	\$ 62.0	\$ 8,370	
<b>Slab</b>									
34	S100	4" Thick concrete slab	3,964	5%	4,163	sf	\$ 9.0	\$ 37,467	
<b>Masonry</b>									\$ 288,004
35	A101-A103	8" concrete masonry unit wall	14,552	5%	15,280	sf	\$ 16.0	\$ 244,480	
36	A201-A202	Brick veneer	1,594	5%	1,674	sf	\$ 26.0	\$ 43,524	
<b>METALS</b>									\$ 16,784
37	S100a-S102	1 1/2" 18Ga Steel roof deck	59	5%	62	sf	\$ 8.0	\$ 496	
38	S100a-S102	2" concrete on 20 gauge x 2" composite steel deck	11	5%	12	sf	\$ 12.0	\$ 144	
39	S100a-S102	16K7 Steel joists @ 24" o.c.	1,418	5%	1,489	sf	\$ 6.0	\$ 8,934	
40	S100a-S102	HSS3 x 3 x 1/4" Steel Column	317	5%	333	lbs	\$ 5.0	\$ 1,665	
41	S100a-S102	L4 x 4 x 1/4" Steel angle	132	5%	140	lf	\$ 18.0	\$ 2,520	
42	S100a-S102	L6 x 3 1/2 x 5/16 Angle	47	5%	50	lf	\$ 22.0	\$ 1,100	
43	S100a-S102	W8X18 beam	366	5%	385	lbs	\$ 5.0	\$ 1,925	
<b>WOOD, PLASTIC &amp; COMPOSITES</b>									\$ 87,564
44	S100a-S102	(2) 2 x 12 Rafters @ 24" o.c.	290	5%	305	sf	\$ 22.0	\$ 6,710	
45	S100a-S102	PT (2) 1 3/4" x 11 7/8" Lvl	22	5%	23	lf	\$ 20.0	\$ 460	
46	S100a-S102	PT 2 x 12 @ 16" o.c.	166	5%	175	sf	\$ 8.0	\$ 1,400	
47	S100a-S102	PT2 x 12 Ledger	20	5%	22	lf	\$ 22.0	\$ 484	
<b>Millwork</b>									
48	A108	Base cabinet	65	5%	69	lf	\$ 250.0	\$ 17,250	
49	A108	File cabinet	55	5%	58	lf	\$ 270.0	\$ 15,660	
50	A108	Wall cabinet	144	5%	152	lf	\$ 300.0	\$ 45,600	
<b>THERMAL &amp; MOISTURE PROTECTION</b>									\$ 161,286
<b>Exterior</b>									
51	A201-A202	Hardie panel lap siding	1,086	5%	1,141	sf	\$ 8.0	\$ 9,128	
52	A201-A202	12" cornice	236	5%	248	sf	\$ 18.0	\$ 4,464	
53	A201-A202	6" exposed masonry	60	5%	63	sf	\$ 26.0	\$ 1,638	
<b>Roof</b>									
54	A105	Roof membrane	16,827	5%	17,669	sf	\$ 6.0	\$ 106,014	

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	ITEM COST	TRADE COST
55	A105	Felt paper	16,827	5%	17,669	sf	\$ 2.0	\$ 35,338	
56	A105	1" Standing seam metal roof	400	5%	420	sf	\$ 10.0	\$ 4,200	
57	A105	Downspouts	26	5%	28	lf	\$ 18.0	\$ 504	
<b>OPENINGS</b>									\$ 141,100
<b>Doors</b>									
58	A601	3'-0" x 7'-0" Wood frame	98	0%	98	ea	\$ 900.0	\$ 88,200	
59	A601	3'-0" x 7'-0" Aluminum frame	12	0%	12	ea	\$ 1,400.0	\$ 16,800	
60	A601	3'-0" x 7'-0" Hollow metal frame	7	0%	7	ea	\$ 900.0	\$ 6,300	
61	A601	3'-4" x 7'-0" Wood frame	1	0%	1	ea	\$ 950.0	\$ 950	
62	A601	12'-0" x 8'-0" Aluminum frame	1	0%	1	ea	\$ 4,320.0	\$ 4,320	
63	A601	2'-0" x 7'-0" Wood frame	3	0%	3	ea	\$ 750.0	\$ 2,250	
64	A601	2'-6" x 7'-0" Wood frame	6	0%	6	ea	\$ 800.0	\$ 4,800	
65	A601	2'-6" x 7'-0" Hollow metal frame	1	0%	1	ea	\$ 800.0	\$ 800	
66	A601	2'-11 1/2" x 7'-7" Aluminum frame	1	0%	1	ea	\$ 1,150.0	\$ 1,150	
67	A601	4'-2 1/2" x 7'-7" Aluminum frame	1	0%	1	ea	\$ 1,350.0	\$ 1,350	
68	A601	5'-0" x 7'-0" Hollow metal frame	1	0%	1	ea	\$ 1,500.0	\$ 1,500	
69	A601	5'-0" x 7'-0" Wood frame	1	0%	1	ea	\$ 1,600.0	\$ 1,600	
<b>Windows</b>									
70	A604	3'-10" x 5'-6 1/2" Window	1	0%	1	ea	\$ 900.0	\$ 900	
71	A604	3'-11 1/2" x 2'-7 1/2" Window	1	0%	1	ea	\$ 350.0	\$ 350	
72	A604	4'-8" x 3'-0" Window	1	0%	1	ea	\$ 550.0	\$ 550	
73	A604	4'-0" x 3'-0" Window	1	0%	1	ea	\$ 575.0	\$ 575	
74	A604	4'-1" x 3'-9 1/2" Window	1	0%	1	ea	\$ 575.0	\$ 575	
75	A604	4'-2 1/2" x 3'-9" Window	1	0%	1	ea	\$ 350.0	\$ 350	
76	A604	4'-0" x 5'-0" Window	1	0%	1	ea	\$ 900.0	\$ 900	
<b>Windows Shutter</b>									
77	A604	4'-2" Window shutter	2	0%	2	ea	\$ 400.0	\$ 800	
78	A604	4'-0" Window shutter	1	0%	1	ea	\$ 375.0	\$ 375	
79	A604	4'-10" Window shutter	1	0%	1	ea	\$ 520.0	\$ 520	
80	A604	4'-3" Window shutter	1	0%	1	ea	\$ 410.0	\$ 410	
81	A604	6'-10" Window shutter	2	0%	2	ea	\$ 750.0	\$ 1,500	
82	A604	6'-0" Window shutter	1	0%	1	ea	\$ 625.0	\$ 625	
83	A604	7'-9" Window shutter	1	0%	1	ea	\$ 900.0	\$ 900	
84	A604	7'-8" Window shutter	2	0%	2	ea	\$ 875.0	\$ 1,750	
<b>FINISHES</b>									\$ 1,058,499
<b>Dry Walls</b>									
<b>Type 1 Interior Dry Wall</b>									
85	A101-A103	3 5/8" metal studs @ 16" O.C	16,517	5%	17,343	sf	\$ 3.0	\$ 52,029	
86	A101-A103	1/2" Gypsum board both side	33,034	5%	34,686	sf	\$ 3.0	\$ 104,058	
87	A101-A103	R-21 Sound attenuation batt insulation	16,517	5%	17,343	sf	\$ 2.0	\$ 34,686	
88	A101-A103	Sealant	5,236	5%	5,498	lf	\$ 1.0	\$ 5,498	
<b>Type 1A Interior Dry Wall</b>									
89	A101-A103	3 5/8" metal studs @ 16" O.C	12,779	5%	13,418	sf	\$ 3.0	\$ 40,254	
90	A101-A103	1/2" Gypsum board both side	25,558	5%	26,836	sf	\$ 3.0	\$ 80,508	
91	A101-A103	R-21 Sound attenuation batt insulation	12,779	5%	13,418	sf	\$ 2.0	\$ 26,836	
92	A101-A103	Sealant	3,932	5%	4,129	lf	\$ 1.0	\$ 4,129	
<b>Type 1B Interior furring wall</b>									
93	A101-A103	3 5/8" metal studs @ 16" O.C	338	5%	355	sf	\$ 3.0	\$ 1,065	
94	A101-A103	1/2" Gypsum board one side	338	5%	355	sf	\$ 3.0	\$ 1,065	
95	A101-A103	Sealant	52	5%	55	lf	\$ 1.0	\$ 55	
<b>Type 2 Interior Dry Wall</b>									
96	A101-A103	6" metal studs @ 16" O.C	169	5%	178	sf	\$ 4.0	\$ 712	
97	A101-A103	1/2" Gypsum board both side	338	5%	355	sf	\$ 3.0	\$ 1,065	
98	A101-A103	R-21 Sound attenuation batt insulation	169	5%	178	sf	\$ 2.0	\$ 356	
99	A101-A103	Sealant	52	5%	55	lf	\$ 1.0	\$ 55	
<b>Type 2A Interior Dry Wall</b>									
100	A101-A103	6" metal studs @ 16" O.C	916	5%	962	sf	\$ 4.0	\$ 3,848	
101	A101-A103	1/2" Gypsum board both side	1,832	5%	1,924	sf	\$ 3.0	\$ 5,772	
102	A101-A103	R-21 Sound attenuation batt insulation	916	5%	962	sf	\$ 2.0	\$ 1,924	
103	A101-A103	Sealant	304	5%	320	lf	\$ 1.0	\$ 320	
<b>Type 5 Interior Dry Wall</b>									
104	A101-A103	3 5/8" metal studs @ 16" O.C	533	5%	560	sf	\$ 3.0	\$ 1,680	
105	A101-A103	1/2" Gypsum board both side	1,066	5%	1,120	sf	\$ 3.0	\$ 3,360	
106	A101-A103	R-21 Sound attenuation batt insulation	533	5%	560	sf	\$ 2.0	\$ 1,120	
107	A101-A103	Sealant	164	5%	173	lf	\$ 1.0	\$ 173	
<b>Type 6 Exterior Dry Wall</b>									
108	A101-A103	2 1/2" metal studs @ 24" O.C	377	5%	396	sf	\$ 2.5	\$ 990	
109	A101-A103	1/2" Gypsum board one side	377	5%	396	sf	\$ 3.0	\$ 1,188	
110	A101-A103	7/8" Furring wall sheathing	377	5%	396	sf	\$ 2.0	\$ 792	
111	A101-A103	2-1/2" Batt insulation	377	5%	396	sf	\$ 2.0	\$ 792	
112	A101-A103	Sealant	58	5%	61	lf	\$ 1.0	\$ 61	
<b>Type 6 Interior furring wall</b>									
113	A101-A103	2 1/2" metal studs @ 24" O.C	455	5%	478	sf	\$ 2.5	\$ 1,195	
114	A101-A103	1/2" Gypsum board one side	455	5%	478	sf	\$ 3.0	\$ 1,434	
115	A101-A103	2-1/2" Batt insulation	455	5%	478	sf	\$ 2.0	\$ 956	
116	A101-A103	Sealant	70	5%	74	lf	\$ 1.0	\$ 74	
<b>Type 7 Exterior Dry Wall</b>									
117	A101-A103	2 1/2" metal studs @ 24" O.C	11,107	5%	11,663	sf	\$ 2.5	\$ 29,158	

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118	A101-A103	1/2" Gypsum board one side	11,107	5%	11,663	sf	\$ 3.0	\$ 34,989	
119	A101-A103	7/8" Furring wall sheathing	11,107	5%	11,663	sf	\$ 2.0	\$ 23,326	
120	A101-A103	2-1/2" Batt insulation	11,107	5%	11,663	sf	\$ 2.0	\$ 23,326	
121	A101-A103	Sealant	2,114	5%	2,220	lf	\$ 1.0	\$ 2,220	
		<b>Type 7 Interior furring wall</b>							
122	A101-A103	2 1/2" metal studs @ 24" O.C	4,297	5%	4,512	sf	\$ 2.5	\$ 11,280	
123	A101-A103	1/2" Gypsum board one side	4,297	5%	4,512	sf	\$ 3.0	\$ 13,536	
124	A101-A103	2-1/2" Batt insulation	4,297	5%	4,512	sf	\$ 2.0	\$ 9,024	
125	A101-A103	Sealant	828	5%	870	lf	\$ 1.0	\$ 870	
		<b>Type 8 Interior Dry Wall</b>							
126	A101-A103	3 5/8" metal studs @ 16" O.C	971	5%	1,020	sf	\$ 3.0	\$ 3,060	
127	A101-A103	5/8" Gypsum board both side	1,942	5%	2,040	sf	\$ 3.0	\$ 6,120	
128	A101-A103	R-21 Sound attenuation batt insulation	971	5%	1,020	sf	\$ 2.0	\$ 2,040	
129	A101-A103	Sealant	340	5%	357	lf	\$ 1.0	\$ 357	
		<b>Type 9 Interior Dry Wall</b>							
130	A101-A103	6" metal studs @ 16" O.C	338	5%	355	sf	\$ 4.0	\$ 1,420	
131	A101-A103	5/8" Gypsum board both side	676	5%	710	sf	\$ 3.0	\$ 2,130	
132	A101-A103	R-21 Sound attenuation batt insulation	338	5%	355	sf	\$ 2.0	\$ 710	
133	A101-A103	Sealant	104	5%	110	lf	\$ 1.0	\$ 110	
		<b>Flooring</b>							
134	A107	Vinyl plan-armstrong flooring	869	5%	913	sf	\$ 6.0	\$ 5,478	
135	A107	16" X 16" Vinyl - floorcity	3,778	5%	3,967	sf	\$ 7.0	\$ 27,769	
136	A107	Thin porcelain tile	1,982	5%	2,082	sf	\$ 9.0	\$ 18,738	
137	A107	Vinyl plank water proof	6,622	5%	6,954	sf	\$ 7.0	\$ 48,678	
138	A107	12" x 12" Ceramic tile	787	5%	827	sf	\$ 12.0	\$ 9,924	
		<b>Base</b>							
139	A101-A103	Rubber/ vinyl wall base	3,705	5%	3,891	lf	\$ 6.0	\$ 23,346	
140	A101-A103	Porcelain tile on wall	2,756	5%	2,894	sf	\$ 12.0	\$ 34,728	
		<b>Ceiling</b>							
141	A106	Gypsum board ceiling	2,521	5%	2,648	sf	\$ 7.0	\$ 18,536	
142	A106	Acoustic ceiling	12,780	5%	13,419	sf	\$ 11.0	\$ 147,609	
		<b>Paint on Walls</b>							
143	A101-A103	Paint on walls sherwin williams, Satin color	78,686	5%	82,621	sf	\$ 2.0	\$ 165,242	
		<b>Paint on Ceiling</b>							
144	A106	Drywall ceilings sherwin williams, SW7005 pure white	2,521	5%	2,648	sf	\$ 2.2	\$ 5,826	
		<b>Paint on Doors</b>							
145	A101-A103	Paint on doors	109	0%	109	ea	\$ 100.0	\$ 10,900	
		<b>FURNISHING</b>							\$ 20,125
146	A101-A103	Countertop	95	5%	100	lf	\$ 165.0	\$ 16,500	
147	A101-A103	Vanitytop	23	5%	25	lf	\$ 145.0	\$ 3,625	
		<b>SPECIALTIES</b>							\$ 8,626
148	A101-A103	Seat cover	15	0%	15	ea	\$ 120.0	\$ 1,800	
149	A101-A103	Soap dispenser	15	0%	15	ea	\$ 100.0	\$ 1,500	
150	A101-A103	Towel dispenser	14	0%	14	ea	\$ 90.0	\$ 1,260	
151	A101-A103	Mirror	15	0%	15	ea	\$ 200.0	\$ 3,000	
152	A101-A103	Grab bar	29	5%	30	lf	\$ 35.0	\$ 1,066	
		<b>ELECTRICAL</b>							\$ 266,688
		<b>Lighting items</b>							
153	E-2,E-4	8" recessed high hat light	2	0%	2	ea	\$ 350.0	\$ 700	
154	E-2,E-4	2x2 led light fixture	122	0%	122	ea	\$ 200.0	\$ 24,400	
155	E-2,E-4	2x4 led light fixture	144	0%	144	ea	\$ 250.0	\$ 36,000	
156	E-2,E-4	Single tube strip fixture	4	0%	4	ea	\$ 400.0	\$ 1,600	
157	E-2,E-4	Down light,recessed in ceiling	52	0%	52	ea	\$ 250.0	\$ 13,000	
158	E-2,E-4	Exterior wall surface light	17	0%	17	ea	\$ 300.0	\$ 5,100	
159	E-2,E-4	Site light	1	0%	1	ea	\$ 350.0	\$ 350	
160	E-2,E-4	Surface ceiling mounted light	22	0%	22	ea	\$ 200.0	\$ 4,400	
161	E-2,E-4	Under cabinet light fixture	4	0%	4	ea	\$ 275.0	\$ 1,100	
		<b>Power items</b>							
162	E-3,E-5	3 way switch	26	0%	26	ea	\$ 120.0	\$ 3,120	
163	E-3,E-5	4 way switch	2	0%	2	ea	\$ 150.0	\$ 300	
164	E-3,E-5	Combo data/telephone	96	0%	96	ea	\$ 110.0	\$ 10,560	
165	E-3,E-5	Disconnect fuse,wp	9	0%	9	ea	\$ 200.0	\$ 1,800	
166	E-3,E-5	Duplex receptacle gfci	25	0%	25	ea	\$ 135.0	\$ 3,375	
167	E-3,E-5	Duplex receptacle	415	0%	415	ea	\$ 110.0	\$ 45,650	
168	E-3,E-5	Duplex receptacle gfci/wp	5	0%	5	ea	\$ 135.0	\$ 675	
169	E-3,E-5	Exit sign	43	0%	43	ea	\$ 250.0	\$ 10,750	
170	E-3,E-5	Floor receptacle	5	0%	5	ea	\$ 200.0	\$ 1,000	
171	E-3,E-5	Junction box,wp	3	0%	3	ea	\$ 250.0	\$ 750	
172	E-3,E-5	Motor switch	2	0%	2	ea	\$ 120.0	\$ 240	
173	E-3,E-5	Occupancy sensor switch	4	0%	4	ea	\$ 135.0	\$ 540	
174	E-3,E-5	Sensor switch	1	0%	1	ea	\$ 158.0	\$ 158	
175	E-3,E-5	Switch	32	0%	32	ea	\$ 100.0	\$ 3,200	
176	E-3,E-5	Tv outlet	8	0%	8	ea	\$ 90.0	\$ 720	
177	E-3,E-5	Vaccancy sensor switch	92	0%	92	ea	\$ 350.0	\$ 32,200	
		<b>Misc.</b>							

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178	E-3,E-5	Electrical panel 400 amps	3	0%	3	ea	\$ 4,200.0	\$ 12,600	
179	E-3,E-5	Electrical panel 225 amps	3	0%	3	ea	\$ 2,800.0	\$ 8,400	
180	E-3,E-5	Electrical panel 60 amps	2	0%	2	ea	\$ 1,800.0	\$ 3,600	
181	E-3,E-5	Electrical panel 1000 amps	1	0%	1	ea	\$ 9,000.0	\$ 9,000	
182	E-3,E-5	Electrical panel 100 amps	2	0%	2	ea	\$ 2,200.0	\$ 4,400	
183	E-3,E-5	Electrical panel 250 amps	1	0%	1	ea	\$ 3,400.0	\$ 3,400	
184	E-2 TO E-8	Electrical wiring	1	0%	1	ls	\$ 23,600.0	\$ 23,600	
<b>SECURITY</b>									\$ 51,350
185	E-3A,E-7	Dual technology sensor	23	0%	23	ea	\$ 300.0	\$ 6,900	
186	E-3A,E-7	Fire alarm control panel	2	0%	2	ea	\$ 250.0	\$ 500	
187	E-3A,E-7	Fire alarm combination visual/audible device	22	0%	22	ea	\$ 350.0	\$ 7,700	
188	E-3A,E-7	Fire alarm strobes	59	0%	59	ea	\$ 200.0	\$ 11,800	
189	E-3A,E-7	Pull station	12	0%	12	ea	\$ 150.0	\$ 1,800	
190	E-3A,E-7	Security camera	52	0%	52	ea	\$ 200.0	\$ 10,400	
191	E-3A,E-7	Smoke detector	18	0%	18	ea	\$ 350.0	\$ 6,300	
192	E-3A,E-7	Ultrasonic sensor	17	0%	17	ea	\$ 350.0	\$ 5,950	
<b>PLUMBING</b>									\$ 118,409
<b>Cold water pipe</b>									
193	P-4	1 1/2" cold water	349	5%	366	lf	\$ 28.0	\$ 10,261	
194	P-4	1 1/4" cold water	88	5%	92	lf	\$ 25.0	\$ 2,310	
195	P-4	1" cold water	118	5%	124	lf	\$ 22.0	\$ 2,726	
196	P-4	2" cold water	8	5%	8	lf	\$ 33.0	\$ 277	
<b>Hot water pipe</b>									
197	P-4	1 1/4" hot water	50	5%	53	lf	\$ 25.0	\$ 1,313	
198	P-4	1" hot water	30	5%	32	lf	\$ 22.0	\$ 693	
199	P-4	3/4" hot water	40	5%	42	lf	\$ 18.0	\$ 756	
<b>Sanitary pipe</b>									
200	P-3	4" sanitary pipe	438	5%	460	lf	\$ 55.0	\$ 25,295	
201	P-3	6" sanitary pipe	178	5%	187	lf	\$ 65.0	\$ 12,149	
<b>Vent pipe</b>									
202	P-3	2" vent pipe	6	5%	6	lf	\$ 33.0	\$ 208	
203	P-3	3" vent pipe	105	5%	110	lf	\$ 45.0	\$ 4,961	
<b>Gas pipe</b>									
204	P-5	1 1/2" gas pipe	71	5%	75	lf	\$ 28.0	\$ 2,087	
205	P-5	1 1/4" gas pipe	38	5%	40	lf	\$ 25.0	\$ 998	
206	P-5	1" gas pipe	40	5%	42	lf	\$ 22.0	\$ 924	
207	P-5	1/2" gas pipe	148	5%	155	lf	\$ 12.0	\$ 1,865	
208	P-5	2" gas pipe	29	5%	30	lf	\$ 33.0	\$ 1,005	
209	P-5	3/4" gas pipe	93	5%	98	lf	\$ 18.0	\$ 1,758	
<b>Fixtures</b>									
210	P-4	Water closet	15	0%	15	ea	\$ 1,075.0	\$ 16,125	
211	P-4	Lavatory	15	0%	15	ea	\$ 450.0	\$ 6,750	
212	P-4	Mop sink	1	0%	1	ea	\$ 550.0	\$ 550	
213	P-4	Floor drain	14	0%	14	ea	\$ 200.0	\$ 2,800	
214	P-4	Sink	11	0%	11	ea	\$ 500.0	\$ 5,500	
215	P-4	Floor sink	1	0%	1	ea	\$ 550.0	\$ 550	
216	P-4	Dishwasher	1	0%	1	ea	\$ 600.0	\$ 600	
217	P-4	Water heater tank type	4	0%	4	ea	\$ 2,200.0	\$ 8,800	
218	P-4	Refrigerator	1	0%	1	ea	\$ 1,300.0	\$ 1,300	
219	P-4	Wall hydrant	3	0%	3	ea	\$ 450.0	\$ 1,350	
220	P-4	Drinking fountain	5	0%	5	ea	\$ 900.0	\$ 4,500	
<b>HVAC</b>									\$ 195,025
<b>Duct</b>									
221	M-2 TO M-4	6"x 6" duct	9	5%	9	lf	\$ 8.0	\$ 76	
222	M-2 TO M-4	6"x 10" duct	22	5%	23	lf	\$ 12.0	\$ 277	
223	M-2 TO M-4	6"x 14" duct	11	5%	12	lf	\$ 18.0	\$ 208	
224	M-2 TO M-4	8" dia duct	95	5%	100	lf	\$ 16.0	\$ 1,596	
225	M-2 TO M-4	8"x 8" duct	92	5%	97	lf	\$ 16.0	\$ 1,546	
226	M-2 TO M-4	8"x 10" duct	35	5%	37	lf	\$ 20.0	\$ 735	
227	M-2 TO M-4	8"x 12" duct	22	5%	23	lf	\$ 24.0	\$ 554	
228	M-2 TO M-4	10" dia duct	40	5%	42	lf	\$ 20.0	\$ 840	
229	M-2 TO M-4	10"x 6" duct	43	5%	45	lf	\$ 18.0	\$ 813	
230	M-2 TO M-4	10"x 8" duct	88	5%	92	lf	\$ 20.0	\$ 1,848	
231	M-2 TO M-4	10"x 10" duct	102	5%	107	lf	\$ 21.0	\$ 2,249	
232	M-2 TO M-4	10"x 12" duct	22	5%	23	lf	\$ 22.0	\$ 508	
233	M-2 TO M-4	10"x 14" duct	9	5%	9	lf	\$ 23.0	\$ 217	
234	M-2 TO M-4	12"x 8" duct	9	5%	9	lf	\$ 22.0	\$ 208	

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	ITEM COST	TRADE COST
235	M-2 TO M-4	12"x 10" duct	91	5%	96	lf	\$ 24.0	\$ 2,293	
236	M-2 TO M-4	12"x 12" duct	62	5%	65	lf	\$ 25.0	\$ 1,628	
237	M-2 TO M-4	12"x 14" duct	9	5%	9	lf	\$ 27.0	\$ 255	
238	M-2 TO M-4	12"x 16" duct	11	5%	12	lf	\$ 29.0	\$ 335	
239	M-2 TO M-4	14"x 10" duct	9	5%	9	lf	\$ 28.0	\$ 265	
240	M-2 TO M-4	14"x 12" duct	28	5%	29	lf	\$ 30.0	\$ 882	
241	M-2 TO M-4	14"x 14" duct	34	5%	36	lf	\$ 32.0	\$ 1,142	
242	M-2 TO M-4	16"x 10" duct	8	5%	8	lf	\$ 30.0	\$ 252	
243	M-2 TO M-4	16"x 12" duct	65	5%	68	lf	\$ 32.0	\$ 2,184	
244	M-2 TO M-4	16"x 14" duct	12	5%	13	lf	\$ 34.0	\$ 428	
245	M-2 TO M-4	16"x 16" duct	15	5%	16	lf	\$ 36.0	\$ 567	
246	M-2 TO M-4	18"x 12" duct	18	5%	19	lf	\$ 37.0	\$ 699	
247	M-2 TO M-4	20"x 10" duct	14	5%	15	lf	\$ 38.0	\$ 559	
248	M-2 TO M-4	20"x 12" duct	35	5%	37	lf	\$ 40.0	\$ 1,470	
249	M-2 TO M-4	20"x 14" duct	17	5%	18	lf	\$ 42.0	\$ 750	
250	M-2 TO M-4	20"x 16" duct	25	5%	26	lf	\$ 45.0	\$ 1,181	
251	M-2 TO M-4	22"x 10" duct	13	5%	14	lf	\$ 44.0	\$ 601	
252	M-2 TO M-4	22"x 12" duct	13	5%	14	lf	\$ 46.0	\$ 628	
253	M-2 TO M-4	22"x 14" duct	32	5%	34	lf	\$ 48.0	\$ 1,613	
254	M-2 TO M-4	22"x 16" duct	10	5%	11	lf	\$ 50.0	\$ 525	
255	M-2 TO M-4	24"x 10" duct	13	5%	14	lf	\$ 48.0	\$ 655	
256	M-2 TO M-4	24"x 12" duct	16	5%	17	lf	\$ 50.0	\$ 840	
257	M-2 TO M-4	24"x 14" duct	18	5%	19	lf	\$ 52.0	\$ 983	
258	M-2 TO M-4	28"x 10" duct	10	5%	11	lf	\$ 56.0	\$ 588	
259	M-2 TO M-4	28"x 14" duct	14	5%	15	lf	\$ 58.0	\$ 853	
260	M-2 TO M-4	30"x 16" duct	9	5%	9	lf	\$ 60.0	\$ 567	
261	M-2 TO M-4	36"x 12" duct	6	5%	6	lf	\$ 72.0	\$ 454	
262	M-2 TO M-4	40"x 14" duct	6	5%	6	lf	\$ 80.0	\$ 504	
		<b>Supply,return,grille,diffuser,register</b>							
263	M-2 TO M-4	6" dia perforated return grille 40 CFM	13	0%	13	ea	\$ 80.0	\$ 1,040	
264	M-2 TO M-4	6" dia perforated return grille 60 CFM	2	0%	2	ea	\$ 120.0	\$ 240	
265	M-2 TO M-4	6" dia perforated return grille 65 CFM	1	0%	1	ea	\$ 130.0	\$ 130	
266	M-2 TO M-4	6" dia perforated return grille 80 CFM	5	0%	5	ea	\$ 160.0	\$ 800	
267	M-2 TO M-4	6" dia perforated return grille 85 CFM	1	0%	1	ea	\$ 190.0	\$ 190	
268	M-2 TO M-4	6" dia perforated return grille 90 CFM	54	0%	54	ea	\$ 180.0	\$ 9,720	
269	M-2 TO M-4	6" dia perforated return grille 95 CFM	1	0%	1	ea	\$ 190.0	\$ 190	
270	M-2 TO M-4	8" dia perforated return grille 100 CFM	21	0%	21	ea	\$ 200.0	\$ 4,200	
271	M-2 TO M-4	14 x 6 ceiling diffuser 110 CFM	9	0%	9	ea	\$ 220.0	\$ 1,980	
272	M-2 TO M-4	14 x 6 ceiling diffuser 115 CFM	2	0%	2	ea	\$ 230.0	\$ 460	
273	M-2 TO M-4	14 x 6 ceiling diffuser 125 CFM	7	0%	7	ea	\$ 250.0	\$ 1,750	
274	M-2 TO M-4	14 x 6 ceiling diffuser 130 CFM	4	0%	4	ea	\$ 260.0	\$ 1,040	
275	M-2 TO M-4	14 x 6 ceiling diffuser 145 CFM	1	0%	1	ea	\$ 290.0	\$ 290	
276	M-2 TO M-4	14 x 6 ceiling diffuser 150 CFM	4	0%	4	ea	\$ 300.0	\$ 1,200	
277	M-2 TO M-4	14 x 6 ceiling diffuser 165 CFM	5	0%	5	ea	\$ 330.0	\$ 1,650	
278	M-2 TO M-4	14 x 6 ceiling diffuser 170 CFM	12	0%	12	ea	\$ 340.0	\$ 4,080	
279	M-2 TO M-4	14 x 6 ceiling diffuser 175 CFM	2	0%	2	ea	\$ 350.0	\$ 700	
280	M-2 TO M-4	14 x 6 ceiling diffuser 180 CFM	3	0%	3	ea	\$ 360.0	\$ 1,080	
281	M-2 TO M-4	14 x 6 ceiling diffuser 185 CFM	2	0%	2	ea	\$ 370.0	\$ 740	
282	M-2 TO M-4	14 x 6 ceiling diffuser 195 CFM	1	0%	1	ea	\$ 390.0	\$ 390	
283	M-2 TO M-4	14 x 6 ceiling diffuser 200 CFM	1	0%	1	ea	\$ 400.0	\$ 400	
284	M-2 TO M-4	8" dia perforated return grille 210 CFM	2	0%	2	ea	\$ 420.0	\$ 840	
285	M-2 TO M-4	8" dia perforated return grille 220 CFM	7	0%	7	ea	\$ 440.0	\$ 3,080	
286	M-2 TO M-4	8" dia perforated return grille 260 CFM	1	0%	1	ea	\$ 520.0	\$ 520	
287	M-2 TO M-4	8" dia perforated return grille 275 CFM	1	0%	1	ea	\$ 550.0	\$ 550	
288	M-2 TO M-4	8" dia perforated return grille 420 CFM	1	0%	1	ea	\$ 840.0	\$ 840	
289	M-2 TO M-4	48" linear slot diffuser 100 CFM	2	0%	2	ea	\$ 300.0	\$ 600	
290	M-2 TO M-4	48" linear slot diffuser 135 CFM	6	0%	6	ea	\$ 450.0	\$ 2,700	
		<b>Electric duct heater</b>							
291	M-2 TO M-4	Electric duct heater 630 CFM	1	0%	1	ea	\$ 1,800.0	\$ 1,800	
292	M-2 TO M-4	Electric duct heater 375 CFM	2	0%	2	ea	\$ 1,200.0	\$ 2,400	
293	M-2 TO M-4	Electric duct heater 945 CFM	2	0%	2	ea	\$ 2,800.0	\$ 5,600	
		<b>Exhaust fan</b>							
294	M-2 TO M-4	Exhaust fan 100 CFM	16	0%	16	ea	\$ 400.0	\$ 6,400	
295	M-2 TO M-4	Exhaust fan 200 CFM	1	0%	1	ea	\$ 650.0	\$ 650	
296	M-2 TO M-4	Exhaust fan 300 CFM	1	0%	1	ea	\$ 800.0	\$ 800	
297	M-2 TO M-4	Exhaust fan 500 CFM	1	0%	1	ea	\$ 1,200.0	\$ 1,200	
		<b>Electric heater</b>							

ITEM #	DRAWING REFERENCE	DESCRIPTION	QTY.	FT	QTY. W/ FT	UNIT	UNIT COST	ITEM COST	TRADE COST
298	M-2 TO M-4	Electric heater 350 CFM	3	0%	3	ea	\$ 750.0	\$ 2,250	
299	M-2 TO M-4	Electric heater 100 CFM	6	0%	6	ea	\$ 1,200.0	\$ 7,200	
		<b>Unit</b>							
300	M-2 TO M-4	Gas heating rooftop unit 600 LBS	4	0%	4	ea	\$ 6,500.0	\$ 26,000	
301	M-2 TO M-4	Gas heating rooftop unit 700 LBS	1	0%	1	ea	\$ 7,500.0	\$ 7,500	
302	M-2 TO M-4	Gas heating rooftop unit 1300 LBS	2	0%	2	ea	\$ 12,000.0	\$ 24,000	
303	M-2 TO M-4	Gas heating rooftop unit 1500 LBS	2	0%	2	ea	\$ 14,000.0	\$ 28,000	
		<b>Misc.</b>							
304	M-2 TO M-4	Fire damper	1	0%	1	ea	\$ 450.0	\$ 450	
305	M-2 TO M-4	Thermostate	16	0%	16	ea	\$ 250.0	\$ 4,000	
		<b>EARTHWORK</b>							\$ 2,000
306	S100	Excavation	15	5%	16	cy	\$ 125.0	\$ 2,000	
<b>SUB TOTAL</b>								\$ 2,533,979	\$ 2,533,979
<b>OVERHEAD AND PROFIT</b>							22%	\$ 557,475	\$ 557,475
<b>TOTAL BASE BID</b>								\$ 3,091,455	\$ 3,091,455