

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT COST (Material)	TOTAL COST
RENOVATION								
DEMOLITION								
1	AD101	Remove Existing Widnow,frame and hardware	12	0%	12	ea	\$ 75.00	\$ 900
2	AD101	Remove existing steel columns,footings and related beams	2	0%	2	ea	\$ 150.00	\$ 300
3	AD101	Remove portion of existing wall for door opening	15	0%	15	lf	\$ 25.00	\$ 375
4	AD101	Remove existing door,frame and hardware	13	0%	13	ea	\$ 100.00	\$ 1,300
5	AD101	Remove existing interior partition	494	0%	494	sf	\$ 3.00	\$ 1,482
6	AD101	Remove exististing exterior canopy	9	0%	9	lf	\$ 20.00	\$ 180
7	AD101	Remove the storefront	3	0%	3	ea	\$ 200.00	\$ 600
8	AD101	Remove existing formstone on entire façade	111	0%	111	lf	\$ 45.00	\$ 4,995
9	AD101	Remove infill from existing opening	40	0%	40	lf	\$ 50.00	\$ 2,000
10	AD101	Remove existing wood framed stair and handrail	35	0%	35	lf	\$ 35.00	\$ 1,225
11	AD101	Remove existing stair, framing and associated hardware	29	0%	29	lf	\$ 35.00	\$ 1,015
12	AD101	Remove existing wood floor	9	0%	9	sf	\$ 3.00	\$ 27
13	AD101	Remove existing masonry wall	741	0%	741	sf	\$ 6.00	\$ 4,446
14	P-2	Remove 1 1/4" gas pipe	90	0%	90	lf	\$ 5.00	\$ 450
15	P-2	3" sanitary pipe to be removed	105	0%	105	lf	\$ 5.00	\$ 525
16	P-2	Remove 50mbh unit heater	1	0%	1	ea	\$ 200.00	\$ 200
17	P-2	Remove 75mbh unit heater	1	0%	1	ea	\$ 200.00	\$ 200
18	P-2	Remove 120mbh unit heater	1	0%	1	ea	\$ 200.00	\$ 200
19	P-2	Remove 165mbh unit heater	1	0%	1	ea	\$ 200.00	\$ 200
20	P-2	Remove gas line	49	0%	49	lf	\$ 5.00	\$ 245
21	P-2	Remove 1 1/2" gas line	91	0%	91	lf	\$ 5.00	\$ 455
SITE WORK								
22	C001	Concrete side walk	416	5%	437	sf	\$ 6.00	\$ 2,621
23	C001	Proposed stair Landing	350	5%	368	sf	\$ 8.00	\$ 2,940
24	C001	Wheel Stops	88	5%	92	lf	\$ 18.00	\$ 1,663
25	C001	Manhole	3	0%	3	ea	\$ 2,200.00	\$ 6,600
26	C001	New 2" water service connection to replace existing	42	5%	44	lf	\$ 33.00	\$ 1,455
CONCRETE								
Footing								
27	S100	1'-4" x 1'-0" Concrete footing	131.723	5%	139	cf	\$ 62.00	\$ 8,618
28	S100	2'-6" x 1'-0" Concrete wall footing	165	5%	174	cf	\$ 62.00	\$ 10,788
29	S100	20" Dia footing	6.54	5%	7	cf	\$ 62.00	\$ 434
30	S100	24" Dia footing under steel column	28	5%	30	cf	\$ 62.00	\$ 1,860
Beam								
31	S100	8" x 1'-4" Concrete top beam with (4) -#5 bars cont. and #4 tie wires @ 24" o.c.	88.2189	5%	93	cf	\$ 62.00	\$ 5,766
32	S100	12" x 1'-4" Concrete top beam with (4) -#5 bars cont. and #4 tie wires @ 24" o.c.	131.67	5%	139	cf	\$ 62.00	\$ 8,618
Column								
33	S100	12" x 16" Concrete column w/ (4)-#5 vertical bars and #4 Tie wires @ 24" o.c.	127.68	5%	135	cf	\$ 62.00	\$ 8,370
Slab								
34	S100	4" Thick concrete slab	3964	5%	4,163	sf	\$ 9.00	\$ 37,467
Masonry								
35	A101-A103	8" concrete masonry unit wall	14552	5%	15,280	sf	\$ 16.00	\$ 244,480
36	A201-A202	Brick veneer	1594	5%	1,674	sf	\$ 26.00	\$ 43,524
METALS								
37	S100a-S102	1 1/2" 18Ga Steel roof deck	59	5%	62	sf	\$ 8.00	\$ 496
38	S100a-S102	2" concrete on 20 guage x 2" composite steel deck	11	5%	12	sf	\$ 12.00	\$ 144
39	S100a-S102	16K7 Steel joists @ 24" o.c.	1418	5%	1,489	sf	\$ 6.00	\$ 8,934
40	S100a-S102	HSS3 x 3 x 1/4" Steel Column	317	5%	333	lbs	\$ 5.00	\$ 1,665
41	S100a-S102	L4 x 4 x 1/4" Steel angle	132.44	5%	140	lf	\$ 18.00	\$ 2,520
42	S100a-S102	L6 x 3 1/2 x 5/16 Angle	47.22	5%	50	lf	\$ 22.00	\$ 1,100
43	S100a-S102	W8X18 beam	366	5%	385	lbs	\$ 5.00	\$ 1,925
WOOD, PLASTIC & COMPOSITES								
44	S100a-S102	(2) 2 x 12 Rafters @ 24" o.c.	290	5%	305	sf	\$ 22.00	\$ 6,710
45	S100a-S102	PT (2) 1 3/4" x 11 7/8" Lvl	21.62	5%	23	lf	\$ 20.00	\$ 460
46	S100a-S102	PT 2 x 12 @ 16" o.c.	166	5%	175	sf	\$ 8.00	\$ 1,400
47	S100a-S102	PT2 x 12 Ledger	20.13	5%	22	lf	\$ 22.00	\$ 484
Millwork								
48	A108	Base cabinet	65	5%	69	lf	\$ 250.00	\$ 17,250
49	A108	File cabinet	55	5%	58	lf	\$ 270.00	\$ 15,660
50	A108	Wall cabinet	144	5%	152	lf	\$ 300.00	\$ 45,600
THERMAL & MOISTURE PROTECTION								
Exterior								
51	A201-A202	Hardie panel lap siding	1086	5%	1,141	sf	\$ 8.00	\$ 9,128
52	A201-A202	12" cornice	236	5%	248	sf	\$ 18.00	\$ 4,464
53	A201-A202	6"exposed masonry	60	5%	63	sf	\$ 26.00	\$ 1,638
Roof								
54	A105	Roof membrane	16827	5%	17,669	sf	\$ 6.00	\$ 106,014
55	A105	Felt paper	16827	5%	17,669	sf	\$ 2.00	\$ 35,338

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56	A105	1" Standing seam metal roof	400	5%	420	sf	\$ 10.00	\$ 4,200
57	A105	Downspouts	26	5%	28	lf	\$ 18.00	\$ 504
		OPENINGS						
		Doors						
58	A601	3'-0" x 7'-0" Wood frame	98	0%	98	ea	\$ 900.00	\$ 88,200
59	A601	3'-0" x 7'-0" Aluminum frame	12	0%	12	ea	\$ 1,400.00	\$ 16,800
60	A601	3'-0" x 7'-0" Hollow metal frame	7	0%	7	ea	\$ 900.00	\$ 6,300
61	A601	3'-4" x 7'-0" Wood frame	1	0%	1	ea	\$ 950.00	\$ 950
62	A601	12'-0" x 8'-0" Aluminum frame	1	0%	1	ea	\$ 4,320.00	\$ 4,320
63	A601	2'-0" x 7'-0" Wood frame	3	0%	3	ea	\$ 750.00	\$ 2,250
64	A601	2'-6" x 7'-0" Wood frame	6	0%	6	ea	\$ 800.00	\$ 4,800
65	A601	2'-6" x 7'-0" Hollow metal frame	1	0%	1	ea	\$ 800.00	\$ 800
66	A601	2'-11 1/2" x 7'-7" Aluminum frame	1	0%	1	ea	\$ 1,150.00	\$ 1,150
67	A601	4'-2 1/2" x 7'-7" Aluminum frame	1	0%	1	ea	\$ 1,350.00	\$ 1,350
68	A601	5'-0" x 7'-0" Hollow metal frame	1	0%	1	ea	\$ 1,500.00	\$ 1,500
69	A601	5'-0" x 7'-0" Wood frame	1	0%	1	ea	\$ 1,600.00	\$ 1,600
		Windows						
70	A604	3'-10" x 5'-6 1/2" Window	1	0%	1	ea	\$ 900.00	\$ 900
71	A604	3'-11 1/2" x 2'-7 1/2" Window	1	0%	1	ea	\$ 350.00	\$ 350
72	A604	4'-8" x 3'-0" Window	1	0%	1	ea	\$ 550.00	\$ 550
73	A604	4'-0" x 3'-0" Window	1	0%	1	ea	\$ 575.00	\$ 575
74	A604	4'-1" x 3'-9 1/2" Window	1	0%	1	ea	\$ 575.00	\$ 575
75	A604	4'-2 1/2" x 3'-9" Window	1	0%	1	ea	\$ 350.00	\$ 350
76	A604	4'-0" x 5'-0" Window	1	0%	1	ea	\$ 900.00	\$ 900
		Windows Shutter						
77	A604	4'-2" Window shutter	2	0%	2	ea	\$ 400.00	\$ 800
78	A604	4'-0" Window shutter	1	0%	1	ea	\$ 375.00	\$ 375
79	A604	4'-10" Window shutter	1	0%	1	ea	\$ 520.00	\$ 520
80	A604	4'-3" Window shutter	1	0%	1	ea	\$ 410.00	\$ 410
81	A604	6'-10" Window shutter	2	0%	2	ea	\$ 750.00	\$ 1,500
82	A604	6'-0" Window shutter	1	0%	1	ea	\$ 625.00	\$ 625
83	A604	7'-9" Window shutter	1	0%	1	ea	\$ 900.00	\$ 900
84	A604	7'-8" Window shutter	2	0%	2	ea	\$ 875.00	\$ 1,750
		FINISHES						
		Dry Walls						
		Type 1 Interior Dry Wall						
85	A101-A103	3 5/8" metal studs @ 16" O.C	16517	5%	17,343	sf	\$ 3.00	\$ 52,029
86	A101-A103	1/2" Gypsum board both side	33034	5%	34,686	sf	\$ 3.00	\$ 104,058
87	A101-A103	R-21 Sound attenuation batt insulation	16517	5%	17,343	sf	\$ 2.00	\$ 34,686
88	A101-A103	Sealant	5236	5%	5,498	lf	\$ 1.00	\$ 5,498
		Type 1A Interior Dry Wall						
89	A101-A103	3 5/8" metal studs @ 16" O.C	12779	5%	13,418	sf	\$ 3.00	\$ 40,254
90	A101-A103	1/2" Gypsum board both side	25558	5%	26,836	sf	\$ 3.00	\$ 80,508
91	A101-A103	R-21 Sound attenuation batt insulation	12779	5%	13,418	sf	\$ 2.00	\$ 26,836
92	A101-A103	Sealant	3932	5%	4,129	lf	\$ 1.00	\$ 4,129
		Type 1B Interior furring wall						
93	A101-A103	3 5/8" metal studs @ 16" O.C	338	5%	355	sf	\$ 3.00	\$ 1,065
94	A101-A103	1/2" Gypsum board one side	338	5%	355	sf	\$ 3.00	\$ 1,065
95	A101-A103	Sealant	52	5%	55	lf	\$ 1.00	\$ 55
		Type 2 Interior Dry Wall						
96	A101-A103	6" metal studs @ 16" O.C	169	5%	178	sf	\$ 4.00	\$ 712
97	A101-A103	1/2" Gypsum board both side	338	5%	355	sf	\$ 3.00	\$ 1,065
98	A101-A103	R-21 Sound attenuation batt insulation	169	5%	178	sf	\$ 2.00	\$ 356
99	A101-A103	Sealant	52	5%	55	lf	\$ 1.00	\$ 55
		Type 2A Interior Dry Wall						
100	A101-A103	6" metal studs @ 16" O.C	916	5%	962	sf	\$ 4.00	\$ 3,848
101	A101-A103	1/2" Gypsum board both side	1832	5%	1,924	sf	\$ 3.00	\$ 5,772
102	A101-A103	R-21 Sound attenuation batt insulation	916	5%	962	sf	\$ 2.00	\$ 1,924
103	A101-A103	Sealant	304	5%	320	lf	\$ 1.00	\$ 320
		Type 5 Interior Dry Wall						
104	A101-A103	3 5/8" metal studs @ 16" O.C	533	5%	560	sf	\$ 3.00	\$ 1,680
105	A101-A103	1/2" Gypsum board both side	1066	5%	1,120	sf	\$ 3.00	\$ 3,360
106	A101-A103	R-21 Sound attenuation batt insulation	533	5%	560	sf	\$ 2.00	\$ 1,120
107	A101-A103	Sealant	164	5%	173	lf	\$ 1.00	\$ 173
		Type 6 Exterior Dry Wall						
108	A101-A103	2 1/2" metal studs @ 24" O.C	377	5%	396	sf	\$ 2.50	\$ 990
109	A101-A103	1/2" Gypsum board one side	377	5%	396	sf	\$ 3.00	\$ 1,188
110	A101-A103	7/8" Furring wall sheathing	377	5%	396	sf	\$ 2.00	\$ 792
111	A101-A103	2-1/2" Batt insulation	377	5%	396	sf	\$ 2.00	\$ 792
112	A101-A103	Sealant	58	5%	61	lf	\$ 1.00	\$ 61

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		Type 6 Interior furring wall						
113	A101-A103	2 1/2" metal studs @ 24" O.C	455	5%	478	sf	\$ 2.50	\$ 1,195
114	A101-A103	1/2" Gypsum board one side	455	5%	478	sf	\$ 3.00	\$ 1,434
115	A101-A103	2-1/2" Batt insulation	455	5%	478	sf	\$ 2.00	\$ 956
116	A101-A103	Sealant	70	5%	74	lf	\$ 1.00	\$ 74
		Type 7 Exterior Dry Wall						
117	A101-A103	2 1/2" metal studs @ 24" O.C	11107	5%	11,663	sf	\$ 2.50	\$ 29,158
118	A101-A103	1/2" Gypsum board one side	11107	5%	11,663	sf	\$ 3.00	\$ 34,989
119	A101-A103	7/8" Furring wall sheathing	11107	5%	11,663	sf	\$ 2.00	\$ 23,326
120	A101-A103	2-1/2" Batt insulation	11107	5%	11,663	sf	\$ 2.00	\$ 23,326
121	A101-A103	Sealant	2114	5%	2,220	lf	\$ 1.00	\$ 2,220
		Type 7 Interior furring wall						
122	A101-A103	2 1/2" metal studs @ 24" O.C	4297	5%	4,512	sf	\$ 2.50	\$ 11,280
123	A101-A103	1/2" Gypsum board one side	4297	5%	4,512	sf	\$ 3.00	\$ 13,536
124	A101-A103	2-1/2" Batt insulation	4297	5%	4,512	sf	\$ 2.00	\$ 9,024
125	A101-A103	Sealant	828	5%	870	lf	\$ 1.00	\$ 870
		Type 8 Interior Dry Wall						
126	A101-A103	3 5/8" metal studs @ 16" O.C	971	5%	1,020	sf	\$ 3.00	\$ 3,060
127	A101-A103	5/8" Gypsum board both side	1942	5%	2,040	sf	\$ 3.00	\$ 6,120
128	A101-A103	R-21 Sound attenuation batt insulation	971	5%	1,020	sf	\$ 2.00	\$ 2,040
129	A101-A103	Sealant	340	5%	357	lf	\$ 1.00	\$ 357
		Type 9 Interior Dry Wall						
130	A101-A103	6" metal studs @ 16" O.C	338	5%	355	sf	\$ 4.00	\$ 1,420
131	A101-A103	5/8" Gypsum board both side	676	5%	710	sf	\$ 3.00	\$ 2,130
132	A101-A103	R-21 Sound attenuation batt insulation	338	5%	355	sf	\$ 2.00	\$ 710
133	A101-A103	Sealant	104	5%	110	lf	\$ 1.00	\$ 110
		Flooring						
134	A107	Vinyl plan-armstrong flooring	869	5%	913	sf	\$ 6.00	\$ 5,478
135	A107	16" X 16" Vinyl - floorcity	3778	5%	3,967	sf	\$ 7.00	\$ 27,769
136	A107	Thin porcelain tile	1982	5%	2,082	sf	\$ 9.00	\$ 18,738
137	A107	Vinyl plank water proof	6622	5%	6,954	sf	\$ 7.00	\$ 48,678
138	A107	12" x 12" Ceramic tile	787	5%	827	sf	\$ 12.00	\$ 9,924
		Base						
139	A101-A103	Rubber/ vinyl wall base	3705	5%	3,891	lf	\$ 6.00	\$ 23,346
140	A101-A103	Porcelain tile on wall	2756	5%	2,894	sf	\$ 12.00	\$ 34,728
		Ceiling						
141	A106	Gypsum board ceiling	2521	5%	2,648	sf	\$ 7.00	\$ 18,536
142	A106	Acoustic ceiling	12780	5%	13,419	sf	\$ 11.00	\$ 147,609
		Paint on Walls						
143	A101-A103	Paint on walls sherwin williams, Satin color	78686	5%	82,621	sf	\$ 2.00	\$ 165,242
		Paint on Ceiling						
144	A106	Drywall ceilings sherwin williams, SW7005 pure white	2521	5%	2,648	sf	\$ 2.20	\$ 5,826
		Paint on Doors						
145	A101-A103	Paint on doors	109	0%	109	ea	\$ 100.00	\$ 10,900
		FURNISHING						
146	A101-A103	Countertop	95	5%	100	lf	\$ 165.00	\$ 16,500
147	A101-A103	Vanitytop	23	5%	25	lf	\$ 145.00	\$ 3,625
		SPECIALTIES						
148	A101-A103	Seat cover	15	0%	15	ea	\$ 120.00	\$ 1,800
149	A101-A103	Soap dispenser	15	0%	15	ea	\$ 100.00	\$ 1,500
150	A101-A103	Towel dispenser	14	0%	14	ea	\$ 90.00	\$ 1,260
151	A101-A103	Mirror	15	0%	15	ea	\$ 200.00	\$ 3,000
152	A101-A103	Grab bar	29	5%	30	lf	\$ 35.00	\$ 1,066
		ELECTRICAL						
		Lighting items						
153	E-2,E-4	8" recessed high hat light	2	0%	2	ea	\$ 350.00	\$ 700
154	E-2,E-4	2x2 led light fixture	122	0%	122	ea	\$ 200.00	\$ 24,400
155	E-2,E-4	2x4 led light fixture	144	0%	144	ea	\$ 250.00	\$ 36,000
156	E-2,E-4	Single tube strip fixture	4	0%	4	ea	\$ 400.00	\$ 1,600
157	E-2,E-4	Down light,recessed in ceiling	52	0%	52	ea	\$ 250.00	\$ 13,000
158	E-2,E-4	Exterior wall surface light	17	0%	17	ea	\$ 300.00	\$ 5,100
159	E-2,E-4	Site light	1	0%	1	ea	\$ 350.00	\$ 350
160	E-2,E-4	Surface ceiling mounted light	22	0%	22	ea	\$ 200.00	\$ 4,400
161	E-2,E-4	Under cabinet light fixture	4	0%	4	ea	\$ 275.00	\$ 1,100
		Power items						
162	E-3,E-5	3 way switch	26	0%	26	ea	\$ 120.00	\$ 3,120
163	E-3,E-5	4 way switch	2	0%	2	ea	\$ 150.00	\$ 300
164	E-3,E-5	Combo data/telephone	96	0%	96	ea	\$ 110.00	\$ 10,560
165	E-3,E-5	Disconnect fuse,wp	9	0%	9	ea	\$ 200.00	\$ 1,800
166	E-3,E-5	Duplex receptacle gfci	25	0%	25	ea	\$ 135.00	\$ 3,375

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167	E-3,E-5	Duplex receptacle	415	0%	415	ea	\$ 110.00	\$ 45,650
168	E-3,E-5	Duplex receptacle gfci/wp	5	0%	5	ea	\$ 135.00	\$ 675
169	E-3,E-5	Exit sign	43	0%	43	ea	\$ 250.00	\$ 10,750
170	E-3,E-5	Floor receptacle	5	0%	5	ea	\$ 200.00	\$ 1,000
171	E-3,E-5	Junction box,wp	3	0%	3	ea	\$ 250.00	\$ 750
172	E-3,E-5	Motor switch	2	0%	2	ea	\$ 120.00	\$ 240
173	E-3,E-5	Occupancy sensor switch	4	0%	4	ea	\$ 135.00	\$ 540
174	E-3,E-5	Sensor switch	1	0%	1	ea	\$ 158.00	\$ 158
175	E-3,E-5	Switch	32	0%	32	ea	\$ 100.00	\$ 3,200
176	E-3,E-5	Tv outlet	8	0%	8	ea	\$ 90.00	\$ 720
177	E-3,E-5	Vaccancy sensor switch	92	0%	92	ea	\$ 350.00	\$ 32,200
		Misc.						
178	E-3,E-5	Electrical panel 400 amps	3	0%	3	ea	\$ 4,200.00	\$ 12,600
179	E-3,E-5	Electrical panel 225 amps	3	0%	3	ea	\$ 2,800.00	\$ 8,400
180	E-3,E-5	Electrical panel 60 amps	2	0%	2	ea	\$ 1,800.00	\$ 3,600
181	E-3,E-5	Electrical panel 1000 amps	1	0%	1	ea	\$ 9,000.00	\$ 9,000
182	E-3,E-5	Electrical panel 100 amps	2	0%	2	ea	\$ 2,200.00	\$ 4,400
183	E-3,E-5	Electrical panel 250 amps	1	0%	1	ea	\$ 3,400.00	\$ 3,400
184	E-2 TO E-8	Electrical wiring	1	0%	1	ls	\$ 23,600.00	\$ 23,600
		SECURITY						
185	E-3A,E-7	Dual technology sensor	23	0%	23	ea	\$ 300.00	\$ 6,900
186	E-3A,E-7	Fire alarm control panel	2	0%	2	ea	\$ 250.00	\$ 500
187	E-3A,E-7	Fire alarm combination visual/audible device	22	0%	22	ea	\$ 350.00	\$ 7,700
188	E-3A,E-7	Fire alarm strobes	59	0%	59	ea	\$ 200.00	\$ 11,800
189	E-3A,E-7	Pull station	12	0%	12	ea	\$ 150.00	\$ 1,800
190	E-3A,E-7	Security camera	52	0%	52	ea	\$ 200.00	\$ 10,400
191	E-3A,E-7	Smoke detector	18	0%	18	ea	\$ 350.00	\$ 6,300
192	E-3A,E-7	Ultrasonic sensor	17	0%	17	ea	\$ 350.00	\$ 5,950
		PLUMBING						
		Cold water pipe						
193	P-4	1 1/2" cold water	349	5%	366	lf	\$ 28.00	\$ 10,261
194	P-4	1 1/4" cold water	88	5%	92	lf	\$ 25.00	\$ 2,310
195	P-4	1" cold water	118	5%	124	lf	\$ 22.00	\$ 2,726
196	P-4	2" cold water	8	5%	8	lf	\$ 33.00	\$ 277
		Hot water pipe						
197	P-4	1 1/4" hot water	50	5%	53	lf	\$ 25.00	\$ 1,313
198	P-4	1" hot water	30	5%	32	lf	\$ 22.00	\$ 693
199	P-4	3/4" hot water	40	5%	42	lf	\$ 18.00	\$ 756
		Sanitary pipe						
200	P-3	4" sanitary pipe	438	5%	460	lf	\$ 55.00	\$ 25,295
201	P-3	6" sanitary pipe	178	5%	187	lf	\$ 65.00	\$ 12,149
		Vent pipe						
202	P-3	2" vent pipe	6	5%	6	lf	\$ 33.00	\$ 208
203	P-3	3" vent pipe	105	5%	110	lf	\$ 45.00	\$ 4,961
		Gas pipe						
204	P-5	1 1/2" gas pipe	71	5%	75	lf	\$ 28.00	\$ 2,087
205	P-5	1 1/4" gas pipe	38	5%	40	lf	\$ 25.00	\$ 998
206	P-5	1" gas pipe	40	5%	42	lf	\$ 22.00	\$ 924
207	P-5	1/2" gas pipe	148	5%	155	lf	\$ 12.00	\$ 1,865
208	P-5	2" gas pipe	29	5%	30	lf	\$ 33.00	\$ 1,005
209	P-5	3/4" gas pipe	93	5%	98	lf	\$ 18.00	\$ 1,758
		Fixtures						
210	P-4	Water closet	15	0%	15	ea	\$ 1,075.00	\$ 16,125
211	P-4	Lavatory	15	0%	15	ea	\$ 450.00	\$ 6,750
212	P-4	Mop sink	1	0%	1	ea	\$ 550.00	\$ 550
213	P-4	Floor drain	14	0%	14	ea	\$ 200.00	\$ 2,800
214	P-4	Sink	11	0%	11	ea	\$ 500.00	\$ 5,500
215	P-4	Floor sink	1	0%	1	ea	\$ 550.00	\$ 550
216	P-4	Dishwasher	1	0%	1	ea	\$ 600.00	\$ 600
217	P-4	Water heater tank type	4	0%	4	ea	\$ 2,200.00	\$ 8,800
218	P-4	Refrigerator	1	0%	1	ea	\$ 1,300.00	\$ 1,300
219	P-4	Wall hydrant	3	0%	3	ea	\$ 450.00	\$ 1,350
220	P-4	Drinking fountain	5	0%	5	ea	\$ 900.00	\$ 4,500
		HVAC						
		Duct						
221	M-2 TO M-4	6"x 6" duct	9	5%	9	lf	\$ 8.00	\$ 76
222	M-2 TO M-4	6"x 10" duct	22	5%	23	lf	\$ 12.00	\$ 277
223	M-2 TO M-4	6"x 14" duct	11	5%	12	lf	\$ 18.00	\$ 208
224	M-2 TO M-4	8" dia duct	95	5%	100	lf	\$ 16.00	\$ 1,596
225	M-2 TO M-4	8"x 8" duct	92	5%	97	lf	\$ 16.00	\$ 1,546

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT COST (Material)	TOTAL COST
226	M-2 TO M-4	8"x 10" duct	35	5%	37	lf	\$ 20.00	\$ 735
227	M-2 TO M-4	8"x 12" duct	22	5%	23	lf	\$ 24.00	\$ 554
228	M-2 TO M-4	10" dia duct	40	5%	42	lf	\$ 20.00	\$ 840
229	M-2 TO M-4	10"x 6" duct	43	5%	45	lf	\$ 18.00	\$ 813
230	M-2 TO M-4	10"x 8" duct	88	5%	92	lf	\$ 20.00	\$ 1,848
231	M-2 TO M-4	10"x 10" duct	102	5%	107	lf	\$ 21.00	\$ 2,249
232	M-2 TO M-4	10"x 12" duct	22	5%	23	lf	\$ 22.00	\$ 508
233	M-2 TO M-4	10"x 14" duct	9	5%	9	lf	\$ 23.00	\$ 217
234	M-2 TO M-4	12"x 8" duct	9	5%	9	lf	\$ 22.00	\$ 208
235	M-2 TO M-4	12"x 10" duct	91	5%	96	lf	\$ 24.00	\$ 2,293
236	M-2 TO M-4	12"x 12" duct	62	5%	65	lf	\$ 25.00	\$ 1,628
237	M-2 TO M-4	12"x 14" duct	9	5%	9	lf	\$ 27.00	\$ 255
238	M-2 TO M-4	12"x 16" duct	11	5%	12	lf	\$ 29.00	\$ 335
239	M-2 TO M-4	14"x 10" duct	9	5%	9	lf	\$ 28.00	\$ 265
240	M-2 TO M-4	14"x 12" duct	28	5%	29	lf	\$ 30.00	\$ 882
241	M-2 TO M-4	14"x 14" duct	34	5%	36	lf	\$ 32.00	\$ 1,142
242	M-2 TO M-4	16"x 10" duct	8	5%	8	lf	\$ 30.00	\$ 252
243	M-2 TO M-4	16"x 12" duct	65	5%	68	lf	\$ 32.00	\$ 2,184
244	M-2 TO M-4	16"x 14" duct	12	5%	13	lf	\$ 34.00	\$ 428
245	M-2 TO M-4	16"x 16" duct	15	5%	16	lf	\$ 36.00	\$ 567
246	M-2 TO M-4	18"x 12" duct	18	5%	19	lf	\$ 37.00	\$ 699
247	M-2 TO M-4	20"x 10" duct	14	5%	15	lf	\$ 38.00	\$ 559
248	M-2 TO M-4	20"x 12" duct	35	5%	37	lf	\$ 40.00	\$ 1,470
249	M-2 TO M-4	20"x 14" duct	17	5%	18	lf	\$ 42.00	\$ 750
250	M-2 TO M-4	20"x 16" duct	25	5%	26	lf	\$ 45.00	\$ 1,181
251	M-2 TO M-4	22"x 10" duct	13	5%	14	lf	\$ 44.00	\$ 601
252	M-2 TO M-4	22"x 12" duct	13	5%	14	lf	\$ 46.00	\$ 628
253	M-2 TO M-4	22"x 14" duct	32	5%	34	lf	\$ 48.00	\$ 1,613
254	M-2 TO M-4	22"x 16" duct	10	5%	11	lf	\$ 50.00	\$ 525
255	M-2 TO M-4	24"x 10" duct	13	5%	14	lf	\$ 48.00	\$ 655
256	M-2 TO M-4	24"x 12" duct	16	5%	17	lf	\$ 50.00	\$ 840
257	M-2 TO M-4	24"x 14" duct	18	5%	19	lf	\$ 52.00	\$ 983
258	M-2 TO M-4	28"x 10" duct	10	5%	11	lf	\$ 56.00	\$ 588
259	M-2 TO M-4	28"x 14" duct	14	5%	15	lf	\$ 58.00	\$ 853
260	M-2 TO M-4	30"x 16" duct	9	5%	9	lf	\$ 60.00	\$ 567
261	M-2 TO M-4	36"x 12" duct	6	5%	6	lf	\$ 72.00	\$ 454
262	M-2 TO M-4	40"x 14" duct	6	5%	6	lf	\$ 80.00	\$ 504
		Supply,return,grille,diffuser,register						
263	M-2 TO M-4	6" dia perforated return grille 40 CFM	13	0%	13	ea	\$ 80.00	\$ 1,040
264	M-2 TO M-4	6" dia perforated return grille 60 CFM	2	0%	2	ea	\$ 120.00	\$ 240
265	M-2 TO M-4	6" dia perforated return grille 65 CFM	1	0%	1	ea	\$ 130.00	\$ 130
266	M-2 TO M-4	6" dia perforated return grille 80 CFM	5	0%	5	ea	\$ 160.00	\$ 800
267	M-2 TO M-4	6" dia perforated return grille 85 CFM	1	0%	1	ea	\$ 190.00	\$ 190
268	M-2 TO M-4	6" dia perforated return grille 90 CFM	54	0%	54	ea	\$ 180.00	\$ 9,720
269	M-2 TO M-4	6" dia perforated return grille 95 CFM	1	0%	1	ea	\$ 190.00	\$ 190
270	M-2 TO M-4	8" dia perforated return grille 100 CFM	21	0%	21	ea	\$ 200.00	\$ 4,200
271	M-2 TO M-4	14 x 6 ceiling diffuser 110 CFM	9	0%	9	ea	\$ 220.00	\$ 1,980
272	M-2 TO M-4	14 x 6 ceiling diffuser 115 CFM	2	0%	2	ea	\$ 230.00	\$ 460
273	M-2 TO M-4	14 x 6 ceiling diffuser 125 CFM	7	0%	7	ea	\$ 250.00	\$ 1,750
274	M-2 TO M-4	14 x 6 ceiling diffuser 130 CFM	4	0%	4	ea	\$ 260.00	\$ 1,040
275	M-2 TO M-4	14 x 6 ceiling diffuser 145 CFM	1	0%	1	ea	\$ 290.00	\$ 290
276	M-2 TO M-4	14 x 6 ceiling diffuser 150 CFM	4	0%	4	ea	\$ 300.00	\$ 1,200
277	M-2 TO M-4	14 x 6 ceiling diffuser 165 CFM	5	0%	5	ea	\$ 330.00	\$ 1,650
278	M-2 TO M-4	14 x 6 ceiling diffuser 170 CFM	12	0%	12	ea	\$ 340.00	\$ 4,080
279	M-2 TO M-4	14 x 6 ceiling diffuser 175 CFM	2	0%	2	ea	\$ 350.00	\$ 700
280	M-2 TO M-4	14 x 6 ceiling diffuser 180 CFM	3	0%	3	ea	\$ 360.00	\$ 1,080
281	M-2 TO M-4	14 x 6 ceiling diffuser 185 CFM	2	0%	2	ea	\$ 370.00	\$ 740
282	M-2 TO M-4	14 x 6 ceiling diffuser 195 CFM	1	0%	1	ea	\$ 390.00	\$ 390
283	M-2 TO M-4	14 x 6 ceiling diffuser 200 CFM	1	0%	1	ea	\$ 400.00	\$ 400
284	M-2 TO M-4	8" dia perforated return grille 210 CFM	2	0%	2	ea	\$ 420.00	\$ 840
285	M-2 TO M-4	8" dia perforated return grille 220 CFM	7	0%	7	ea	\$ 440.00	\$ 3,080
286	M-2 TO M-4	8" dia perforated return grille 260 CFM	1	0%	1	ea	\$ 520.00	\$ 520
287	M-2 TO M-4	8" dia perforated return grille 275 CFM	1	0%	1	ea	\$ 550.00	\$ 550
288	M-2 TO M-4	8" dia perforated return grille 420 CFM	1	0%	1	ea	\$ 840.00	\$ 840
289	M-2 TO M-4	48" linear slot diffuser 100 CFM	2	0%	2	ea	\$ 300.00	\$ 600
290	M-2 TO M-4	48" linear slot diffuser 135 CFM	6	0%	6	ea	\$ 450.00	\$ 2,700
		Electric duct heater						
291	M-2 TO M-4	Electric duct heater 630 CFM	1	0%	1	ea	\$ 1,800.00	\$ 1,800
292	M-2 TO M-4	Electric duct heater 375 CFM	2	0%	2	ea	\$ 1,200.00	\$ 2,400
293	M-2 TO M-4	Electric duct heater 945 CFM	2	0%	2	ea	\$ 2,800.00	\$ 5,600

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT COST (Material)	TOTAL COST
		Exhaust fan						
294	M-2 TO M-4	Exhaust fan 100 CFM	16	0%	16	ea	\$ 400.00	\$ 6,400
295	M-2 TO M-4	Exhaust fan 200 CFM	1	0%	1	ea	\$ 650.00	\$ 650
296	M-2 TO M-4	Exhaust fan 300 CFM	1	0%	1	ea	\$ 800.00	\$ 800
297	M-2 TO M-4	Exhaust fan 500 CFM	1	0%	1	ea	\$ 1,200.00	\$ 1,200
		Electric heater						
298	M-2 TO M-4	Electric heater 350 CFM	3	0%	3	ea	\$ 750.00	\$ 2,250
299	M-2 TO M-4	Electric heater 100 CFM	6	0%	6	ea	\$ 1,200.00	\$ 7,200
		Unit						
300	M-2 TO M-4	Gas heating rooftop unit 600 LBS	4	0%	4	ea	\$ 6,500.00	\$ 26,000
301	M-2 TO M-4	Gas heating rooftop unit 700 LBS	1	0%	1	ea	\$ 7,500.00	\$ 7,500
302	M-2 TO M-4	Gas heating rooftop unit 1300 LBS	2	0%	2	ea	\$ 12,000.00	\$ 24,000
303	M-2 TO M-4	Gas heating rooftop unit 1500 LBS	2	0%	2	ea	\$ 14,000.00	\$ 28,000
		Misc.						
304	M-2 TO M-4	Fire damper	1	0%	1	ea	\$ 450.00	\$ 450
305	M-2 TO M-4	Thermostate	16	0%	16	ea	\$ 250.00	\$ 4,000
		EARTHWORK						
306	S100	Excavation	15	5%	16	cy	\$ 125.00	\$ 2,000
		Subtotal						\$ 2,533,979
		TOTAL AMOUNT						
		Contingencies(5%)	1			LS		
		Overhead and profit (10%)						
		TOTAL BASE BID						