

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT COST (Material)	TOTAL COST
COMMERCIAL								
GENERAL								
1		Permit	1	0%	1	ls	\$ 45,000.00	\$ 45,000
2		Supervision	1	0%	1	ls	\$ 68,000.00	\$ 68,000
3		Final cleanup & Temporary construction	1	0%	1	ls	\$ 24,000.00	\$ 24,000
SITEWORK								
4	AS1.1	Ashpalt Driveway	1939	5%	2,036	sf	\$ 6.00	\$ 12,216
5	AS1.1	Ashpalt Pavement	4866	5%	5,110	sf	\$ 9.00	\$ 45,990
6	AS1.1	Concrete side walk	2226	5%	2,338	sf	\$ 8.00	\$ 18,704
7	AS1.1	Dumpster Enclosure	84	5%	89	sf	\$ 12.00	\$ 1,068
8	AS1.1	6" concrete curb	531	5%	558	lf	\$ 18.00	\$ 10,044
9	AS1.1	8' High Wrought iron Fence	207	5%	218	lf	\$ 45.00	\$ 9,810
10	AS1.1	12" Concrete Retaining Wall	1740	5%	1,827	sf	\$ 26.00	\$ 47,502
11	AS1.1	42" High Metal Guardrail	228	5%	240	lf	\$ 165.00	\$ 39,600
12	AS1.1	Handi Cap Sign	2	0%	2	ea	\$ 225.00	\$ 450
Landscaping								
13	AS1.1	Landscaped Area	158	5%	166	sf	\$ 6.00	\$ 996
14	AS1.1	Parking Island	58	5%	61	sf	\$ 12.00	\$ 732
15	AS1.1	Crapemyrtle (Prairie Lace.Color Pink and white) tree.	6	0%	6	ea	\$ 375.00	\$ 2,250
CONCRETE								
Pad Footing								
16	S1	F-1: 3'-3"wide x3'-3"length x16" Deep concrete pad footing	3.2	5%	4	cy	\$ 620.00	\$ 2,480
17	S1	F-2: 4'-6"wide x4'-6"length x16" Deep concrete pad footing	9.31	5%	10	cy	\$ 620.00	\$ 6,200
18	S1	F-3: 6'-0"wide x6'-0"length x16" Deep concrete pad footing	7.09	5%	8	cy	\$ 620.00	\$ 4,960
Pier								
19	S1	1'-4"wide x1'-4"length x24" Deep concrete pier	6.89	5%	8	cy	\$ 620.00	\$ 4,960
Slab								
20	S1	6" concrete slab on grade/6 MIL vapor barrier	7396	5%	7,766	sf	\$ 11.00	\$ 85,426
21	S2	4" concrete slab w/1.5c decking	256	5%	269	sf	\$ 9.00	\$ 2,421
MASONRY								
22	A3.0-A3.1	Split Face CMU	3142	5%	3,299	sf	\$ 22.00	\$ 72,580
23	A3.0-A3.1	Stone Veneer	1201	5%	1,261	sf	\$ 28.00	\$ 35,309
METAL								
Column								
24	S2-S3	HSS 5x5x1/4	12886	5%	13,531	lbs	\$ 3.20	\$ 43,299
25	S2-S3	HSS 6x6x1/4	1097	5%	1,152	lbs	\$ 3.20	\$ 3,686
Beam								
26	S2-S3	W8X10 Beam	170	5%	179	lbs	\$ 3.20	\$ 571
27	S2-S3	W14X22 Beam	7788	5%	8,177	lbs	\$ 3.20	\$ 26,168
28	S2-S3	W16X26 Beam	14456	5%	15,179	lbs	\$ 3.20	\$ 48,572
29	S2-S3	W16X31 Beam	1209	5%	1,269	lbs	\$ 3.20	\$ 4,062
30	S2-S3	W16X45 Beam	6030	5%	6,332	lbs	\$ 3.20	\$ 20,261
31	S2-S3	Double joist	203	5%	213	lf	\$ 15.00	\$ 3,197
Angle								
32	S2-S3	L4x4x1/4	25	5%	26	lf	\$ 36.00	\$ 945
Joist								
33	S2-S3	14 k3 @ 6'-0" o.c (1 Row STD Bridging)	7443	5%	7,815	sf	\$ 12.00	\$ 93,782
34	S2-S3	16 K5 @ 4' o/c	3238	5%	3,400	sf	\$ 15.00	\$ 50,999
Misc.								
24	A1.0-A1.1	Hand rail	65	5%	69	lf	\$ 110.00	\$ 7,590
35	A1.0-A1.1	Metal Guardrail	121	5%	128	lf	\$ 165.00	\$ 21,120
36	A3.0-A3.1	Metal Cap Coping	256	5%	269	lf	\$ 125.00	\$ 33,625
37	A3.0-A3.1	Metal Cover	36	5%	38	lf	\$ 22.00	\$ 836
WOOD, PLASTICS & COMPOSITES								
Misc Items								
38	A1.0-A1.1	Wood Stairs	28	0%	28	Riser	\$ 350.00	\$ 9,800
THERMAL & MOISTURE PROTECTION								
Roof								
39	A1.2	EPDM Roof	8356	5%	8,774	sf	\$ 6.00	\$ 52,644
40	A1.2	Felt Paper	8356	5%	8,774	sf	\$ 1.80	\$ 15,793
41	A1.2	5/8" Exterior Roof Sheathing	8356	5%	8,774	sf	\$ 2.80	\$ 24,567
42	A1.2	Insulation	8356	5%	8,774	sf	\$ 2.00	\$ 17,548
43	A1.2	Flashing	502	5%	528	lf	\$ 5.00	\$ 2,640
44	A1.2	4" Metal Gutter	29	5%	31	lf	\$ 15.00	\$ 465
45	A1.2	5" Metal Gutter	77	5%	81	lf	\$ 18.00	\$ 1,458
46	A1.2	4"x4" Metal Downspouts	1	0%	1	ea	\$ 250.00	\$ 250

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47	A1.2	5"x5" Metal Downspouts	3	0%	3	ea	\$ 300.00	\$ 900
		Façade						
48	A3.0-A3.1	Hard Stucco	5650	5%	5,933	sf	\$ 11.00	\$ 65,263
		Misc Items						
49	A1.0-A1.1	Window Trim	1110	5%	1,166	lf	\$ 4.50	\$ 5,247
50	A1.0-A1.1	Door Trim	612	5%	643	lf	\$ 5.00	\$ 3,215
		OPENINGS						
		Doors						
51	A1.0-A1.1	1'-10" x 3'-6" Hollow Core Wodd Doors	1	0%	1	ea	\$ 550.00	\$ 550
52	A1.0-A1.1	1'-10" x 6'-8" Solid Core Steel Doors	1	0%	1	ea	\$ 750.00	\$ 750
53	A1.0-A1.1	2'-6" x 3'-0" Doors	1	0%	1	ea	\$ 450.00	\$ 450
54	A1.0-A1.1	3'-0" x 3'-6" Hollow Core Wood Doors	1	0%	1	ea	\$ 400.00	\$ 400
55	A1.0-A1.1	3'-0" x 6'-8" Alum/Glass Doors	3	0%	3	ea	\$ 1,450.00	\$ 4,350
56	A1.0-A1.1	3'-0" x 6'-8" Solid Core Steel/Glass Doors	1	0%	1	ea	\$ 1,800.00	\$ 1,800
57	A1.0-A1.1	3'-0" x 6'-8" Solid Core Wood Doors	8	0%	8	ea	\$ 900.00	\$ 7,200
58	A1.0-A1.1	3'-0" x 7'-0" Alum/Glass Doors	2	0%	2	ea	\$ 1,600.00	\$ 3,200
59	A1.0-A1.1	3'-0" x 7'-0" Solid Core Steel Doors	1	0%	1	ea	\$ 950.00	\$ 950
		Windows						
60	A1.0-A1.1	10'-4"x12'-2" Windows	2	0%	2	ea	\$ 5,400.00	\$ 10,800
61	A1.0-A1.1	12'-8"x12'-2" Windows	1	0%	1	ea	\$ 6,480.00	\$ 6,480
62	A1.0-A1.1	6'-0"x12'-2" Windows	1	0%	1	ea	\$ 3,240.00	\$ 3,240
63	A1.0-A1.1	5'-10"x2'-8" Windows	1	0%	1	ea	\$ 720.00	\$ 720
64	A1.0-A1.1	12'-6"x2'-8" Windows	5	0%	5	ea	\$ 1,502.00	\$ 7,510
65	A1.0-A1.1	10'-4"x4'-3" Windows	2	0%	2	ea	\$ 1,975.00	\$ 3,950
66	A1.0-A1.1	12'-8"x4'-3" Windows	1	0%	1	ea	\$ 2,000.00	\$ 2,000
67	A1.0-A1.1	12'-6"x4'-3" Windows	2	0%	2	ea	\$ 1,950.00	\$ 3,900
68	A1.0-A1.1	5'-3"x4'-3" Windows	1	0%	1	ea	\$ 950.00	\$ 950
		FINISHES						
		Dry Walls						
		Type 1 Wall						
69	A1.0-A1.1	6" Metal stud @ 16" O.C	1170	5%	1,229	sf	\$ 4.00	\$ 4,916
70	A1.0-A1.1	5/8" gypsum board on Both side	2340	5%	2,457	sf	\$ 3.00	\$ 7,371
71	A1.0-A1.1	Insulation	1170	5%	1,229	sf	\$ 2.00	\$ 2,458
72	A1.0-A1.1	Sealant	312	5%	328	lf	\$ 1.00	\$ 328
		Type 2 Wall						
73	A1.0-A1.1	6" Metal stud @ 16" O.C	1965	5%	2,064	sf	\$ 4.00	\$ 8,256
74	A1.0-A1.1	5/8" gypsum board on Both side	3930	5%	4,127	sf	\$ 3.00	\$ 12,381
75	A1.0-A1.1	Insulation	1965	5%	2,064	sf	\$ 2.00	\$ 4,128
76	A1.0-A1.1	Sealant	524	5%	551	lf	\$ 1.00	\$ 551
		Type 3 Wall						
77	A1.0-A1.1	3 5/8" Metal stud @ 16" O.C	675	5%	709	sf	\$ 3.00	\$ 2,127
78	A1.0-A1.1	5/8" gypsum board on Both side	1350	5%	1,418	sf	\$ 3.00	\$ 4,254
79	A1.0-A1.1	Insulation	675	5%	709	sf	\$ 2.00	\$ 1,418
80	A1.0-A1.1	Sealant	180	5%	189	lf	\$ 1.00	\$ 189
		Type 4 Wall						
81	A1.0-A1.1	6" Metal stud @ 16" O.C	810	5%	851	sf	\$ 4.00	\$ 3,404
82	A1.0-A1.1	5/8" gypsum board on Both side	1620	5%	1,701	sf	\$ 3.00	\$ 5,103
83	A1.0-A1.1	Insulation	810	5%	851	sf	\$ 2.00	\$ 1,702
84	A1.0-A1.1	Sealant	216	5%	227	lf	\$ 1.00	\$ 227
		Type 5 Wall						
85	A1.0-A1.1	6" Metal stud @ 16" O.C	11430	5%	12,002	sf	\$ 4.00	\$ 48,008
86	A1.0-A1.1	5/8" gypsum board on one side	11430	5%	12,002	sf	\$ 3.00	\$ 36,006
87	A1.0-A1.1	Insulation	11430	5%	12,002	sf	\$ 2.00	\$ 24,004
88	A1.0-A1.1	Sealant	1524	5%	1,601	lf	\$ 1.00	\$ 1,601
		Type 6 Wall						
89	A1.0-A1.1	3 5/8" Metal stud @ 16" O.C	322	5%	339	sf	\$ 3.00	\$ 1,017
90	A1.0-A1.1	5/8" gypsum board on Both side	644	5%	677	sf	\$ 3.00	\$ 2,031
91	A1.0-A1.1	Insulation	322	5%	339	sf	\$ 2.00	\$ 678
92	A1.0-A1.1	Sealant	184	5%	194	lf	\$ 1.00	\$ 194
		Type 7 Wall						
93	A1.0-A1.1	6" Metal stud @ 16" O.C	120	5%	126	sf	\$ 4.00	\$ 504
94	A1.0-A1.1	5/8" gypsum board on Both side	240	5%	252	sf	\$ 3.00	\$ 756
95	A1.0-A1.1	Insulation	120	5%	126	sf	\$ 2.00	\$ 252
96	A1.0-A1.1	Sealant	32	5%	34	lf	\$ 1.00	\$ 34
		Type 8 Wall						
97	A1.0-A1.1	6" Metal stud @ 16" O.C	639	5%	671	sf	\$ 4.00	\$ 2,684
98	A1.0-A1.1	5/8" gypsum board on Both side	1278	5%	1,342	sf	\$ 3.00	\$ 4,026
99	A1.0-A1.1	Insulation	639	5%	671	sf	\$ 2.00	\$ 1,342
100	A1.0-A1.1	Sealant	284	5%	299	lf	\$ 1.00	\$ 299
		Flooring						

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101	A1.0-A1.1	Concrete Flooring	9630	5%	10,112	sf	\$ 3.00	\$ 30,336
102	A1.0-A1.1	Cermic Tile Flooring	234	5%	246	sf	\$ 9.00	\$ 2,214
103	A1.0-A1.1	Carpet Flooring	360	5%	378	sf	\$ 8.00	\$ 3,024
104	A1.0-A1.1	Wood Flooring	232	5%	244	sf	\$ 9.00	\$ 2,196
		Base						
105	A1.0-A1.1	Tile Base	74	5%	78	lf	\$ 6.00	\$ 468
106	A1.0-A1.1	Wood Base	1770	5%	1,859	lf	\$ 5.00	\$ 9,295
107	A1.0-A1.1	Tiles on Wall 6'	600	5%	630	sf	\$ 12.00	\$ 7,560
		Ceiling						
108	A2.0	2x2 Acoustical Tile Ceiling	1445	5%	1,518	sf	\$ 11.00	\$ 16,698
109	A2.0	Washable Mylar Coated Ceiling Tiles	760	5%	798	sf	\$ 9.00	\$ 7,182
		Paint						
110	A2.0	Paint on wall	28610	5%	30,041	sf	\$ 1.80	\$ 54,074
111	A2.0	Paint on Exposed Structure Ceiling	7434	5%	7,806	sf	\$ 2.00	\$ 15,612
		FURNISHING						
112	A1.0-A1.1	2'-0" Vanitytop	9	5%	10	sf	\$ 145.00	\$ 1,450
113	A1.0-A1.1	2'-0" Countertop	45	5%	48	sf	\$ 165.00	\$ 7,920
		Mill work						
114	A1.0-A1.1	Base Cabinets	20	5%	21	lf	\$ 275.00	\$ 5,775
		SPECIALTIES						
		Bath Accessories						
115	A1.0-A1.1	Soap dispenser	2	0%	2	ea	\$ 80.00	\$ 160
116	A1.0-A1.1	Towel dispenser	2	0%	2	ea	\$ 75.00	\$ 150
117	A1.0-A1.1	Seat cover	3	0%	3	ea	\$ 120.00	\$ 360
118	A1.0-A1.1	Mirror	3	0%	3	ea	\$ 250.00	\$ 750
119	A1.0-A1.1	Grab bar	4	0%	4	ea	\$ 125.00	\$ 500
		ELECTRICAL						
		Lighting items						
120	E-2 - E-8	1x4 Suspended LED light, (C)	16	0%	16	ea	\$ 175.00	\$ 2,800
121	E-2 - E-8	2x2 Ceiling flushed mounted LED light fixture, (B)	70	0%	70	ea	\$ 225.00	\$ 15,750
122	E-2 - E-8	2x4 Suspended LED light, (A)	76	0%	76	ea	\$ 250.00	\$ 19,000
123	E-2 - E-8	Emergency lighting fixture	3	0%	3	ea	\$ 220.00	\$ 660
124	E-2 - E-8	Exit sign, 2 face	5	0%	5	ea	\$ 250.00	\$ 1,250
125	E-2 - E-8	Exterior wall mounted light fixture, (F)	2	0%	2	ea	\$ 300.00	\$ 600
126	E-2 - E-8	Pole mounted light, 1 luminaire	3	0%	3	ea	\$ 450.00	\$ 1,350
127	E-2 - E-8	Pole mounted light, 2 luminaire	1	0%	1	ea	\$ 650.00	\$ 650
128	E-2 - E-8	Pole mounted light, 3 luminaire	2	0%	2	ea	\$ 900.00	\$ 1,800
129	E-2 - E-8	Recessed LED light, (D)	29	0%	29	ea	\$ 225.00	\$ 6,525
		Power items						
130	E-2 - E-8	Disconnect switch	7	0%	7	ea	\$ 120.00	\$ 840
131	E-2 - E-8	Disconnect switch, WP	7	0%	7	ea	\$ 145.00	\$ 1,015
132	E-2 - E-8	Duplex outlet	56	0%	56	ea	\$ 90.00	\$ 5,040
133	E-2 - E-8	Duplex outlet, ceiling mounted	4	0%	4	ea	\$ 110.00	\$ 440
134	E-2 - E-8	Duplex outlet, floor mounted	1	0%	1	ea	\$ 110.00	\$ 110
135	E-2 - E-8	Duplex outlet, GFI	10	0%	10	ea	\$ 120.00	\$ 1,200
136	E-2 - E-8	Duplex outlet, GFI, WP	8	0%	8	ea	\$ 135.00	\$ 1,080
137	E-2 - E-8	Floor mounted power and data/telephone outlet	3	0%	3	ea	\$ 120.00	\$ 360
138	E-2 - E-8	Junction box	14	0%	14	ea	\$ 250.00	\$ 3,500
139	E-2 - E-8	Occupancy sensor switch, wall mounted	9	0%	9	ea	\$ 300.00	\$ 2,700
140	E-2 - E-8	Occupancy sensor, ceiling mounted	18	0%	18	ea	\$ 350.00	\$ 6,300
141	E-2 - E-8	Pull box	6	0%	6	ea	\$ 250.00	\$ 1,500
142	E-2 - E-8	Switch	2	0%	2	ea	\$ 100.00	\$ 200
143	E-2 - E-8	Telephone/data outlet	10	0%	10	ea	\$ 120.00	\$ 1,200
144	E-2 - E-8	Wireless access point	8	0%	8	ea	\$ 150.00	\$ 1,200
		Misc.						
145	E-2 - E-8	Breaker 100A	1	0%	1	ea	\$ 250.00	\$ 250
146	E-2 - E-8	Breaker 100A, WP	1	0%	1	ea	\$ 300.00	\$ 300
147	E-2 - E-8	Breaker 300A	1	0%	1	ea	\$ 900.00	\$ 900
148	E-2 - E-8	Electrical meter and CT cabinet	1	0%	1	ea	\$ 1,250.00	\$ 1,250
149	E-2 - E-8	Electrical panel 100A	2	0%	2	ea	\$ 2,800.00	\$ 5,600
150	E-2 - E-8	Electrical panel 300A	1	0%	1	ea	\$ 4,500.00	\$ 4,500
151	E-2 - E-8	Electrical wiring	1	0%	1	ls	\$ 12,400.00	\$ 12,400

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		SECURITY						
		Fixtures						
152	E-5	Door contact	5	0%	5	ea	\$ 135.00	\$ 675
153	E-5	Motion sensor	9	0%	9	ea	\$ 250.00	\$ 2,250
154	E-5	Security control panel	1	0%	1	ea	\$ 2,800.00	\$ 2,800
155	E-5	Security key pad	3	0%	3	ea	\$ 350.00	\$ 1,050
		FIRE ALARM						
		Fixtures						
156	E-5	Duct detector	6	0%	6	ea	\$ 350.00	\$ 2,100
157	E-5	Fire alarm control panel	1	0%	1	ea	\$ 2,200.00	\$ 2,200
158	E-5	Fire alarm manual pull station	4	0%	4	ea	\$ 350.00	\$ 1,400
159	E-5	Flow switch	3	0%	3	ea	\$ 125.00	\$ 375
160	E-5	Heat detector	4	0%	4	ea	\$ 300.00	\$ 1,200
161	E-5	Relay	3	0%	3	ea	\$ 125.00	\$ 375
162	E-5	Smoke detector	17	0%	17	ea	\$ 300.00	\$ 5,100
163	E-5	Speaker	17	0%	17	ea	\$ 250.00	\$ 4,250
164	E-5	Strobe light, WP	3	0%	3	ea	\$ 275.00	\$ 825
165	E-5	Strobe light	20	0%	20	ea	\$ 200.00	\$ 4,000
166	E-5	Tamper switch	3	0%	3	ea	\$ 135.00	\$ 405
		PLUMBING						
		Cold water pipe						
167	P-2 - P-4	1-1/2" Cold water pipe	15	5%	16	lf	\$ 28.00	\$ 441
168	P-2 - P-4	1-1/4" Cold water pipe	72	5%	76	lf	\$ 25.00	\$ 1,890
169	P-2 - P-4	1/2" Cold water pipe	64	5%	67	lf	\$ 12.00	\$ 806
170	P-2 - P-4	2" Cold water pipe	49	5%	51	lf	\$ 33.00	\$ 1,698
171	P-2 - P-4	3/4" Cold water pipe	150	5%	158	lf	\$ 18.00	\$ 2,835
		Hot water pipe						
172	P-2 - P-4	1-1/2" Hot water pipe	15	5%	16	lf	\$ 28.00	\$ 441
173	P-2 - P-4	1/2" Hot water pipe	70	5%	74	lf	\$ 12.00	\$ 882
		Sanitary pipe						
174	P-2 - P-4	2" Grease waste pipe	32	5%	34	lf	\$ 33.00	\$ 1,109
175	P-2 - P-4	2" Sanitary pipe	22	5%	23	lf	\$ 33.00	\$ 762
176	P-2 - P-4	3" Grease waste pipe	46	5%	48	lf	\$ 45.00	\$ 2,174
177	P-2 - P-4	3" Sanitary pipe	24	5%	25	lf	\$ 45.00	\$ 1,134
178	P-2 - P-4	4" Greas waste pipe	127	5%	133	lf	\$ 55.00	\$ 7,334
179	P-2 - P-4	4" Sanitary pipe	185	5%	194	lf	\$ 55.00	\$ 10,684
180	P-2 - P-4	6" Storm pipe	101	5%	106	lf	\$ 75.00	\$ 7,954
181	P-2 - P-4	8" Storm pipe	23	5%	24	lf	\$ 90.00	\$ 2,174
		Vent pipe						
182	P-2 - P-4	2" Vent pipe	65	5%	68	lf	\$ 33.00	\$ 2,252
183	P-2 - P-4	3" Vent pipe	16	5%	17	lf	\$ 45.00	\$ 756
		Gas pipe						
184	P-2 - P-4	3/4" Gas pipe	44	5%	46	lf	\$ 18.00	\$ 832
185	P-2 - P-4	2" Gas pipe	45	5%	47	lf	\$ 33.00	\$ 1,559
186	P-2 - P-4	1/2" Gas pipe	16	5%	17	lf	\$ 12.00	\$ 202
187	P-2 - P-4	1-1/4" Gas pipe	13	5%	14	lf	\$ 25.00	\$ 341
188	P-2 - P-4	1-1/2" Gas pipe	81	5%	85	lf	\$ 28.00	\$ 2,381
189	P-2 - P-4	1" Gas pipe	43	5%	45	lf	\$ 22.00	\$ 993
		Condensate pipe						
190	P-2 - P-4	1" Condensate pipe	15	5%	16	lf	\$ 22.00	\$ 347
191	P-2 - P-4	1-1/2" Condensate pipe	50	5%	53	lf	\$ 28.00	\$ 1,470
192	P-2 - P-4	1-1/4" Condensate pipe	83	5%	87	lf	\$ 25.00	\$ 2,179
		Fixtures						
193	P-2 - P-4	2 Compartment sink	1	0%	1	ea	\$ 450.00	\$ 450
194	P-2 - P-4	3 Compartment sink	2	0%	2	ea	\$ 550.00	\$ 1,100
195	P-2 - P-4	Mop sink	1	0%	1	ea	\$ 400.00	\$ 400
196	P-2 - P-4	Grease interceptor, 1500Gal	1	0%	1	ea	\$ 450.00	\$ 450

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197	P-2 - P-4	Gas meter	1	0%	1	ea	\$ 350.00	\$ 350
198	P-2 - P-4	Floor sink	6	0%	6	ea	\$ 300.00	\$ 1,800
199	P-2 - P-4	Floor drain	4	0%	4	ea	\$ 250.00	\$ 1,000
200	P-2 - P-4	Floor cleanout	6	0%	6	ea	\$ 200.00	\$ 1,200
201	P-2 - P-4	Hose bibb	5	0%	5	ea	\$ 120.00	\$ 600
202	P-2 - P-4	Lavatory	3	0%	3	ea	\$ 350.00	\$ 1,050
203	P-2 - P-4	Master shutoff valve in a lock able valve box	1	0%	1	ea	\$ 165.00	\$ 165
204	P-2 - P-4	Sampling port	1	0%	1	ea	\$ 180.00	\$ 180
205	P-2 - P-4	Shutoff valve	1	0%	1	ea	\$ 125.00	\$ 125
206	P-2 - P-4	Solenoid valve	1	0%	1	ea	\$ 300.00	\$ 300
207	P-2 - P-4	Sink	1	0%	1	ea	\$ 450.00	\$ 450
208	P-2 - P-4	Tankless gas water heater	1	0%	1	ea	\$ 3,800.00	\$ 3,800
209	P-2 - P-4	Trap primer	4	0%	4	ea	\$ 150.00	\$ 600
210	P-2 - P-4	Urinal	1	0%	1	ea	\$ 650.00	\$ 650
211	P-2 - P-4	Wall hydrant	1	0%	1	ea	\$ 450.00	\$ 450
212	P-2 - P-4	Water closet	3	0%	3	ea	\$ 1,075.00	\$ 3,225
213	P-2 - P-4	Electrical tankless water heater	1	0%	1	ea	\$ 3,800.00	\$ 3,800
214	P-2 - P-4	Electric water cooler	1	0%	1	ea	\$ 2,800.00	\$ 2,800
215	P-2 - P-4	Cleanout	3	0%	3	ea	\$ 180.00	\$ 540
		HVAC						
		Ducts						
216	M-2 - M-5	6" dia Duct	15	5%	16	lf	\$ 11.64	\$ 183
217	M-2 - M-5	6"X6" Duct	40	5%	42	lf	\$ 9.70	\$ 407
218	M-2 - M-5	6"X8" Duct	19	5%	20	lf	\$ 10.67	\$ 213
219	M-2 - M-5	6"X10" Duct	17	5%	18	lf	\$ 11.64	\$ 208
220	M-2 - M-5	6"X12" Duct	37	5%	39	lf	\$ 12.61	\$ 490
221	M-2 - M-5	8" dia Duct	62	5%	65	lf	\$ 15.52	\$ 1,010
222	M-2 - M-5	8"X6" Duct	9	5%	9	lf	\$ 13.58	\$ 128
223	M-2 - M-5	8"X8" Duct	10	5%	11	lf	\$ 14.55	\$ 153
224	M-2 - M-5	8"X10" Duct	23	5%	24	lf	\$ 15.52	\$ 375
225	M-2 - M-5	8"X12" Duct	13	5%	14	lf	\$ 16.49	\$ 225
226	M-2 - M-5	9" dia Duct	116	5%	122	lf	\$ 17.46	\$ 2,127
227	M-2 - M-5	10" dia Duct	99	5%	104	lf	\$ 19.40	\$ 2,017
228	M-2 - M-5	10"X8" Duct	9	5%	9	lf	\$ 18.43	\$ 174
229	M-2 - M-5	10"X10" Duct	41	5%	43	lf	\$ 19.40	\$ 835
230	M-2 - M-5	10"X12" Duct	42	5%	44	lf	\$ 20.37	\$ 898
231	M-2 - M-5	12"X10" Duct	38	5%	40	lf	\$ 21.34	\$ 851
232	M-2 - M-5	12"X12" Duct	99	5%	104	lf	\$ 23.28	\$ 2,420
233	M-2 - M-5	14"X10" Duct	6	5%	6	lf	\$ 25.22	\$ 159
234	M-2 - M-5	14"X12" Duct	52	5%	55	lf	\$ 27.16	\$ 1,483
235	M-2 - M-5	14"X14" Duct	10	5%	11	lf	\$ 28.13	\$ 295
236	M-2 - M-5	16"X12" Duct	11	5%	12	lf	\$ 31.04	\$ 359
237	M-2 - M-5	18"X12" Duct	26	5%	27	lf	\$ 32.98	\$ 900
238	M-2 - M-5	18"X14" Duct	41	5%	43	lf	\$ 34.92	\$ 1,503
239	M-2 - M-5	20"X12" Duct	7	5%	7	lf	\$ 36.86	\$ 271
240	M-2 - M-5	20"X14" Duct	71	5%	75	lf	\$ 37.83	\$ 2,820
241	M-2 - M-5	20"X16" Duct	19	5%	20	lf	\$ 38.80	\$ 774
242	M-2 - M-5	22"X14" Duct	32	5%	34	lf	\$ 40.74	\$ 1,369
243	M-2 - M-5	22"X16" Duct	43	5%	45	lf	\$ 41.71	\$ 1,883
244	M-2 - M-5	24"X14" Duct	12	5%	13	lf	\$ 44.62	\$ 562
245	M-2 - M-5	24"X16" Duct	23	5%	24	lf	\$ 46.56	\$ 1,124
246	M-2 - M-5	26"X16" Duct	10	5%	11	lf	\$ 48.50	\$ 509
247	M-2 - M-5	26"X18" Duct	21	5%	22	lf	\$ 50.44	\$ 1,112
248	M-2 - M-5	28"X18" Duct	23	5%	24	lf	\$ 54.32	\$ 1,312
249	M-2 - M-5	30"X16" Duct	10	5%	11	lf	\$ 56.26	\$ 591
250	M-2 - M-5	30"X18" Duct	13	5%	14	lf	\$ 58.20	\$ 794
251	M-2 - M-5	32"X18" Duct	13	5%	14	lf	\$ 62.08	\$ 847

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT COST (Material)	TOTAL COST
252	M-2 - M-5	36"X20" Duct	24	5%	25	lf	\$ 69.84	\$ 1,760
253	M-2 - M-5	42"X22" Duct	9	5%	9	lf	\$ 81.48	\$ 770
		Supply devices						
254	M-2 - M-5	Supply diffuser, 80CFM	2	0%	2	ea	\$ 155.20	\$ 310
255	M-2 - M-5	Supply diffuser, 84CFM	1	0%	1	ea	\$ 162.96	\$ 163
256	M-2 - M-5	Supply diffuser, 98CFM	1	0%	1	ea	\$ 190.12	\$ 190
257	M-2 - M-5	Supply diffuser, 192CFM	2	0%	2	ea	\$ 372.48	\$ 745
258	M-2 - M-5	Supply diffuser, 194CFM	1	0%	1	ea	\$ 376.36	\$ 376
259	M-2 - M-5	Supply diffuser, 200CFM	4	0%	4	ea	\$ 388.00	\$ 1,552
260	M-2 - M-5	Supply diffuser, 210CFM	2	0%	2	ea	\$ 407.40	\$ 815
261	M-2 - M-5	Supply diffuser, 240CFM	2	0%	2	ea	\$ 465.60	\$ 931
262	M-2 - M-5	Supply diffuser, 246CFM	2	0%	2	ea	\$ 477.24	\$ 954
263	M-2 - M-5	Supply diffuser, 276CFM	8	0%	8	ea	\$ 535.44	\$ 4,284
264	M-2 - M-5	Supply diffuser, 288CFM	2	0%	2	ea	\$ 558.72	\$ 1,117
265	M-2 - M-5	Supply diffuser, 290CFM	2	0%	2	ea	\$ 562.60	\$ 1,125
266	M-2 - M-5	Supply diffuser, 302CFM	6	0%	6	ea	\$ 585.88	\$ 3,515
267	M-2 - M-5	Supply diffuser, 348CFM	16	0%	16	ea	\$ 675.12	\$ 10,802
		Return devices						
268	M-2 - M-5	Return grille	2	0%	2	ea	\$ 291.00	\$ 582
269	M-2 - M-5	Return grille, 166CFM	3	0%	3	ea	\$ 302.64	\$ 908
270	M-2 - M-5	Return grille, 366CFM	1	0%	1	ea	\$ 710.04	\$ 710
271	M-2 - M-5	Return grille, 418CFM	2	0%	2	ea	\$ 810.92	\$ 1,622
272	M-2 - M-5	Return grille, 752CFM	2	0%	2	ea	\$ 1,458.88	\$ 2,918
273	M-2 - M-5	Return grille, 820CFM	6	0%	6	ea	\$ 1,590.80	\$ 9,545
274	M-2 - M-5	Return grille, 952CFM	3	0%	3	ea	\$ 1,846.88	\$ 5,541
		Louver						
275	M-2 - M-5	Exhaust louver, 250CFM	1	0%	1	ea	\$ 485.00	\$ 485
276	M-2 - M-5	Exhaust louver, 32CFM	1	0%	1	ea	\$ 87.30	\$ 87
277	M-2 - M-5	Exhaust louver, 40CFM	1	0%	1	ea	\$ 116.40	\$ 116
278	M-2 - M-5	12X12 Exhaust louver	2	0%	2	ea	\$ 242.50	\$ 485
		Exhaust fan						
279	M-2 - M-5	Exhaust fan, 40CFM	1	0%	1	ea	\$ 291.00	\$ 291
280	M-2 - M-5	Exhaust fan, 50CFM	1	0%	1	ea	\$ 339.50	\$ 340
281	M-2 - M-5	Exhaust fan, 100CFM	2	0%	2	ea	\$ 436.50	\$ 873
282	M-2 - M-5	Exhaust fan, 224CFM	2	0%	2	ea	\$ 630.50	\$ 1,261
283	M-2 - M-5	Exhaust fan, 615CFM	1	0%	1	ea	\$ 873.00	\$ 873
284	M-2 - M-5	Exhaust fan, 3240CFM	2	0%	2	ea	\$ 1,746.00	\$ 3,492
285	M-2 - M-5	Exhaust fan, 3936CFM	2	0%	2	ea	\$ 1,940.00	\$ 3,880
286	M-2 - M-5	Exhaust fan, 4050CFM	2	0%	2	ea	\$ 2,425.00	\$ 4,850
287	M-2 - M-5	Exhaust fan, 4950CFM	2	0%	2	ea	\$ 3,104.00	\$ 6,208
		Units						
288	M-2 - M-5	Packaged rooftop air conditioning, 948LBS	1	0%	1	ea	\$ 4,365.00	\$ 4,365
289	M-2 - M-5	Packaged rooftop air conditioning, 1291LBS	1	0%	1	ea	\$ 5,820.00	\$ 5,820
290	M-2 - M-5	Packaged rooftop air conditioning, 2824LBS	2	0%	2	ea	\$ 8,730.00	\$ 17,460
291	M-2 - M-5	Wall cap and birdscreen	1	0%	1	ea	\$ 218.25	\$ 218
292	M-2 - M-5	Thermostat	1	0%	1	ea	\$ 550.00	\$ 550
293	M-2 - M-5	Volume damper	41	0%	41	ea	\$ 225.00	\$ 9,225
		UTILITY						
		Piping						
294	C-2 - C-5	2" Water pipe	102	5%	107	lf	\$ 33.00	\$ 3,534
295	C-2 - C-5	6" Sanitary pipe	237	5%	249	lf	\$ 55.00	\$ 13,687
296	C-2 - C-5	8" Fire line	104	5%	109	lf	\$ 75.00	\$ 8,190
297	C-2 - C-5	15" Storm pipe	79	5%	83	lf	\$ 90.00	\$ 7,466
298	C-2 - C-5	16" Steel casing w/ 2 neoprene casings + dip carrier pipe w/ gripper gaskets w/ ar	85	5%	89	lf	\$ 135.00	\$ 12,049
299	C-2 - C-5	24" Storm pipe	125	5%	131	lf	\$ 150.00	\$ 19,688
300	C-2 - C-5	72" Perf. HDPE pipe	200	5%	210	lf	\$ 180.00	\$ 37,800
		Fixtures						
301	C-2 - C-5	8"x8" Tapping saddle w/8" gv in receiving 10'x10' pit	1	0%	1	ea	\$ 1,250.00	\$ 1,250
302	C-2 - C-5	8x2 Tap saddle	1	0%	1	ea	\$ 450.00	\$ 450

S#	Dwg.	DESCRIPTION	QTY.	Wastage	Qty w/ Waste	UNIT	UNIT COST (Material)	TOTAL COST
303	C-2 - C-5	8x8 Tee	1	0%	1	ea	\$ 225.00	\$ 225
304	C-2 - C-5	Fire hydrant with gv	1	0%	1	ea	\$ 450.00	\$ 450
305	C-2 - C-5	Inlet	5	0%	5	ea	\$ 220.00	\$ 1,100
306	C-2 - C-5	Manhole	2	0%	2	ea	\$ 3,200.00	\$ 6,400
307	C-2 - C-5	Sample port	1	0%	1	ea	\$ 450.00	\$ 450
308	C-2 - C-5	Water meter with backflow preventor	1	0%	1	ea	\$ 450.00	\$ 450
		EARTHWORK						
309	S1	Excavation	33.75	5%	36	cy	\$ 125.00	\$ 4,500
		Subtotal						#REF!
		TOTAL AMOUNT						
		Contingencies(5%)	1			LS		
		Overhead and profit (10%)						
		TOTAL BASE BID						