



Project Name: DUT 7280 Office
 Project SN: Stock
 Building width: 71.75 ft
 Building length: 73.5 ft
 Unit Perimeter: 56 ft
 Unit Area: 658 ft²

Area served	Qty	Voltage	Wire Size	Conductor	Panel Voltage	Panel Phases	Panel Breaker	Panel Voltage	Panel Phases	Panel Breaker	Total
1	20/1/1	8,000 BTU AC	120	940	100	1.00	940	940	1.00	940	940
2	20/1/1	8,000 BTU AC	120	940	940	1.00	940	940	1.00	940	940
3	20/1/1	8,000 BTU AC	120	940	940	1.00	940	940	1.00	940	940
4	20/1/1	8,000 BTU AC	120	940	940	1.00	940	940	1.00	940	940
5	15/1/1	Lights	120	130	130	1.25	82.5	82.5	1.25	82.5	82.5
6	15/1/1	Lighted Exhaust Fan	120	130	130	1.25	162.5	162.5	1.25	162.5	162.5
7	15/1/1	Recept.	120	180	180	1.00	1080	1080	1.00	1080	1080
8	15/1/1	Recept.	120	180	180	1.00	1080	1080	1.00	1080	1080
9	30/2	Emax inline water heater	240	450	450	1.25	562.5	562.5	1.25	562.5	562.5
10	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
11	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
12	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
13	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
14	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
15	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
16	20/1/1	Baseboard heater	120	1000	1000	1.00	2000	2000	1.00	2000	2000
17	15/1/1	Galle Vent	120	130	130	1.00	130	130	1.00	130	130
Total connected load										25995.00	
Actual light load										987.50	
TCL - A.C.L.										24917.50	
NEC LL load factor										3.5	
Total Load										27794.25	
Panel load amps										115.82	

SYMBOL	QTY.	DESCRIPTION
▶	4	Over the floor hurricane straps/Tie down locations
⬇	1	120/240 electric panel (+30" A.F.F. to bottom of panel)
⬇	1	100 CFM exhaust fan
⬇	10	120V Electric 48" baseboard heater (+4" A.F.F.)
⬇	6	Thermostat (+54" A.F.F.)
⬇	1	Power gable vent
⬇	1	120V GFCI recept for heatpae (below floor)
⬇	12	120V ivory duplex grounding type (+18" AFF)
⬇	1	120V ivory duplex GFCI protected (+48" AFF unless noted)
⬇	4	120V ivory single A/C Recept (+54" AFF)
⬇	6	2x4-jbox w/3/4" conduit thru floor for phone/data (+18" AFF unless noted)
⬇	4	120V ivory toggle type (+48" AFF unless noted)
⬇	10	120V 4" (2) tube surface mount w/diffuser
⬇	2	Roof vent

SYMBOL	QTY.	DESCRIPTION
⬇	1	36x80 standard vinyl clad door w/alum. frame and 10x10 safety glazed lite see R.O. Detail
⬇	2	36x80 hollow core door w/panel frame
⬇	1	Passage knob set and door stop frame
⬇	1	Passage knob set and door stop frame
⬇	1	24x80 hollow core door w/panel frame
⬇	1	privacy knob set and door stop
⬇	13	46x36 horizontal slider w/aluminum mill frame
⬇	1	single glass, blinds and bug screen
⬇	1	single obscured glass and bug screen

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APPROVED FOR PRODUCTION

Framing for Exterior Door "A"

Screw a 1" x 4" to the bottom of door header for easy removal at site.

Screw a 2"x4" and a 3 1/2" x 7/16" strip to jack stud for easy removal at site.

Double Stud each of Exterior Door

36"

38"

Breaker Size	Wire Size	Breaker Size	Wire Size
15A	#14	80A	#4
20A	#12	90A	#3
30A	#10	100A	#3
40A	#8	115A	#2
50A	#8	130A	#1
60A	#6	150A	1/0

ID	Revision	Date

Scale: 1/8" = 1'-0"

Date: 12/20/08

Per Date: 12/20/08

Sheet Number: 511

Project Name: DUT 7280 Office

Project SN: Stock

Sheet Description: Production Floor / Electrical Plan

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Dear John Inc.

2224 Bloomhoadle Drive
 Bristol, Indiana 46507
 PH: (574) 848-7300
 FX: (574) 848-1900

C & B

MODULAR, INC.

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