

Indiana Mobile Building Codes

2008 NATIONAL ELECTRIC CODE* 1997 INDIANA BUILDING CODE 1997 INDIANA MECHANICAL CODE 1992 INDIANA ENERGY CONSERVATION CODE * = W/STATE AMENDMENTS State Review, Label and Inspection	OCCUPANCY GROUP: "B" CONSTRUCTION TYPE: 5B WIND LOAD: 90MPH Wind Exposure: "C" SEISMIC ZONE: Av=<.07
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Design Criteria		
Square Footage:	658	Sq. ft.
Occupancy load:	7	(Egress load)
Floor dead load:	15	PSF.
Floor live load:	50	PSF.
Roof dead load:	7	PSF.
Ground snow load:	30	PSF.
Roof snow load:	30	PSF.

Dear John, Inc.
12 x 60 Office
11'-9" x 56'-0" Actual Size

FRAME - OUTRIGGER

MAIN I-BEAM:	M12X10.8
CROSSMEMBER:	ANGLE & ROD AND 13GA FORMED STEEL OUTRIGGER @ 48" O.C.
HITCH:	DETACHABLE W/2 5/16" CUP AND JACK
AXLES:	3 W/BRAKES, 6-MULTI-LEAF SPRINGS OVERSLUNG (SINGLE TRIPLE)
NOTE:	75 1/2" SPRING CENTERS
TIRES:	14-PLY
PAINT:	MIN 3 MIL BLACK ASPHALT

FLOOR - TRANSVERSE

BOTTOM BOARD:	32GA GALVANIZED
INSULATION:	R-11 UNFACED FIBERGLASS
JOISTS:	2X6 #2 SPF EQUAL OR BETTER @ 16" O.C. (TRANSVERSE)
NOTE:	8" O.C. AT EXTERIOR DOOR LOCATIONS
RIM JOIST:	2X6 #2 SPF EQUAL OR BETTER
TIE DOWNS:	4 OVER THE FLOOR HURRICANE STRAPS
DECKING:	1ST LAYER 3/4" T&G FIR PLYWOOD 16" O.C. MIN. SPAN INDEX
COVERING:	1/8" VINYL COMPOSITION TILE (CLASS A/1 F.S.) USE E700 GLUE (COLOR = AZROCK 824 SESAME) W/1-COAT WAX

EXTERIOR WALLS

STUDS:	2X4 STUD GRADE SPF EQUAL OR BETTER @ 16" O.C.
BOTTOM PLATE:	SINGLE 2X4 #3 SPF EQUAL OR BETTER
TOP PLATE(S):	SINGLE 2X4 #3 SPF EQUAL OR BETTER
WALL HEIGHT:	8'-0"
WALL COVERING:	1/4" ULTRA OAK PANELING (CLASS 3 F.S.)
INSULATION:	R-11 UNFACED FIBERGLASS BATTS
SIDING:	.019 ALUMINUM SMT ALUMINUM WITH RCE CORNERS
NOTE:	SHIP LOOSE ONE CORNER (COLOR = COLONIAL WHITE - SMOOTH)
NOTES:	USE STAINLESS STEEL SCREWS
TRIM:	.019 ALUMINUM 5" RCE TOP STARTER (COLOR = IVY GREEN - RCE)
NOTE:	INSTALL DEALER DECALS
MISC:	ANSI CONSTRUCTION

INTERIOR TRIM

TRIM:	STANDARD WOOD PROFILES
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ROOF

RAFTERS:	BOW TRUSSES @ 16" O.C. W/30# LIVE LOAD 3 1/2" HEEL X 11 1/2" CROWN 138' - 6" LONG TRUSS#H0966T1437
CEILING PANEL:	1/2" PREFINISHED GYPSUM W/VAPOR BARRIER (CLASS A/1 F.S.)
INSULATION:	R-11 BLOWN INSULATION
SHEATHING:	7/16" OSB 16/0 SPAN INDEX
ROOFING:	30 GA GALVANIZED (CLASS C/3 F.S.)
ROOF VENTING:	1 POWERED SCREENED GABLE VENT TO ACTIVATE @ 60% RELATIVE HUMIDITY
ROOF VENTING:	2 NON-POWERED SCREENED GABLE VENT (4X16) (VENT COLOR = BLACK)
GUTTERS:	K-60 J-RAIL END IVY GREEN MINI GUTTER FRONT AND BACK

EXTERIOR DOORS

A:	2 36X80 ELIXER VINYL CLAD DOOR W/ALUM. FRAME, 10X10 SAFETY GLAZED LITE, DRIP CAP, WEATHER STRIPPING, STAY-CHAIN, STD. THRESHOLD, LOCKWARE # 5401 KNOB (KEYED ALIKE) AND COLONIAL WHITE 40" MINI GUTTER ABOVE DOOR (DOOR COLOR = COLONIAL WHITE)
NOTE:	SEE FRAMING A2

WINDOWS

1:	7 CREATION 46X36 HORIZONTAL SLIDER W/ALUM. EXTRUDED MILL FRAME SINGLE CLEAR GLASS, WHITE MINIBLINDS AND BUG SCREEN
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ELECTRICAL

SERVICE:	120/240V SINGLE PHASE, 3 WIRE, 60HZ W/GROUND
LOAD CENTER:	1 24 CIRCUIT WITH MAIN 125AMP BREAKER
ENTRANCE:	1 1 1/2" EMT CONDUIT STUB THRU FLOOR
RACEWAY:	MIN. #14 AWG NM UP TO 40A. > 40A IN SE TYPE WIRE.
LIGHTS:	10 4' 2 T8-TUBE FLUORESCENT W/DIFFUSER & ELECT. BALLAST W/LUM. DISCT.
RECEPTACLES:	12 120V 15A IVORY DUPLEX GROUNDING TYPE
	1 120V 20A BLACK DUPLEX WEATHER RESISTANT GFCI PROTECTED W/WP IN-USE COVER
SWITCHES:	2 120V IVORY TOGGLE TYPE
MISC:	6 2X4 EMPTY J-BOXES W/ COVER AND 3/4" CONDUIT STUBBED THRU FLOOR FOR PHONE/DATA (SYSTEMS TO BE INSTALLED ON SITE BY OTHERS)

HVAC

HEATING:	1 15KW 240V ELECTRIC RESISTANT HEAT IN WALL HUNG UNIT
COOLING:	1 3-TON 240V SINGLE PHASE BARD WALL HUNG UNIT
THERMOSTAT:	1 HONEYWELL DIGITAL NON-PROGRAMMABLE
DUCTS:	FIBERGLASS 16" X 6" IN ROOF FOR S/A
DIFFUSERS:	6 10X10 WHITE W/ADJUSTABLE DAMPER IN CEILING.
RETURN AIR:	1 FRG3 FILTER GRILLE WITH 70004-39 FLITER

SPECIALTIES

COAT RACK:	APPR 74.5 LF STAINED 1X4 WITH COAT HOOKS 8" O.C. BELOW WIRE SHELF
SHELVES:	APPR 74.5 LF OF 12" WHITE WIRE SHELF
EXTINGUISHER:	IF REQUIRED BY OTHERS AT SITE

Building Notes:

- All materials are C and B Custom Modular's standards unless otherwise specified.
- All door adjustments are on site by others.
- C and B Custom Modular Inc. is not responsible for local codes or permits.
- Construction type trailer

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APPROVED AS NOTED	<input type="checkbox"/>	SIGNATURE	DATE
REVISE AND RESUBMIT	<input type="checkbox"/>	SIGNATURE	DATE
TRANSPORTATION IS THE RESPONSIBILITY OF THE DEALER AND OR OWNER. C&B SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO BUILDING CAUSED BY SHIPPING COMPANY BECAUSE OF WIDTH AND OR HEIGHT OF UNIT See Building Elevation _____ Building Height			

Drawing Index

Page	Page Description
C1	Project Cover Sheet
A1	Building Elevations
A2	Production Floor /Electrical Plan

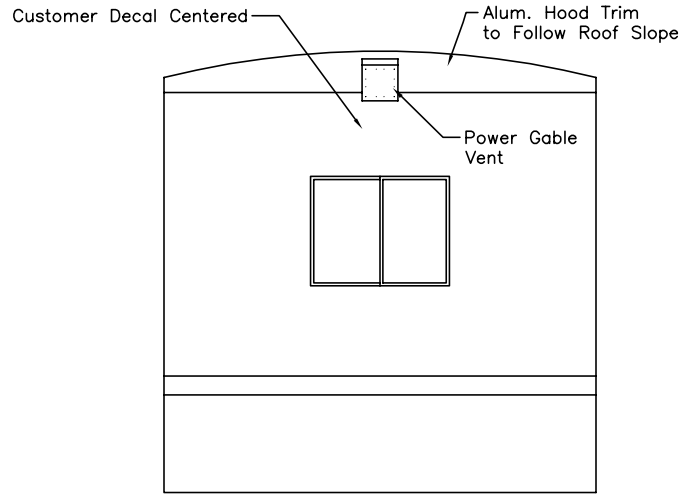
ID	Revision	Date

Dear John Inc.

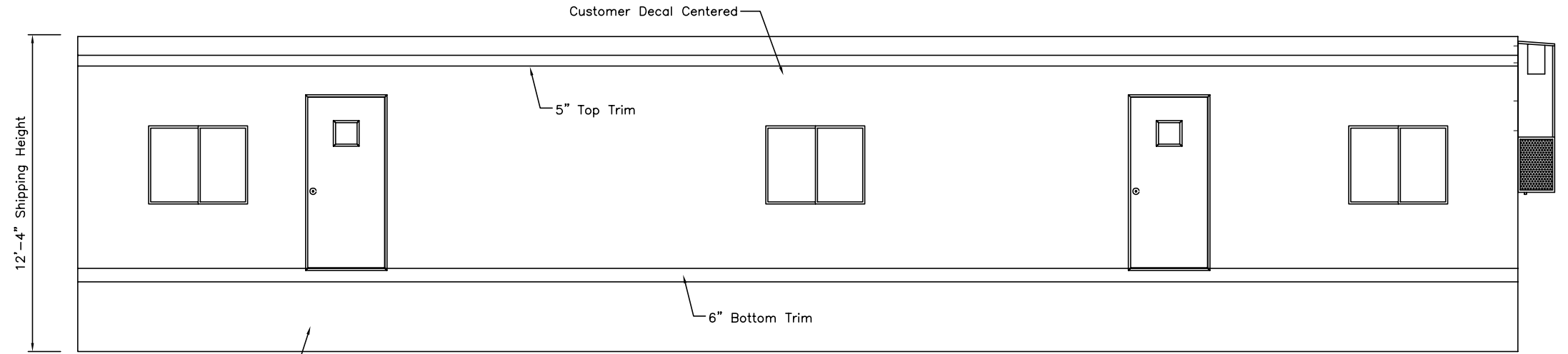
C & B

MODULAR, INC.

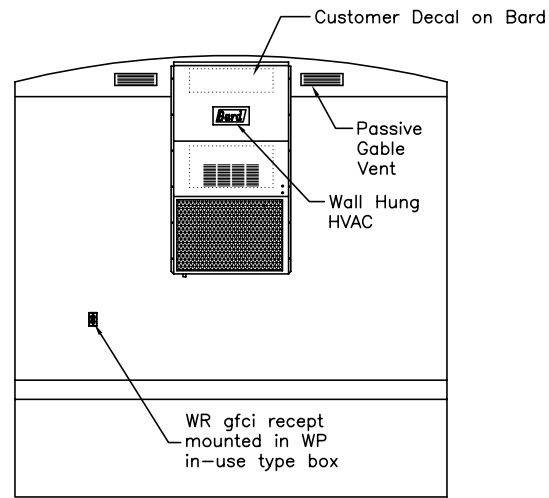
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Serial Numbers:	10-16434-39	Drawing Number:	1196	DWG File Name:	10-16434-39.dwg			
Approval Numbers:	MT 20065911	Sales Representative:	Jay/Lewis					
Title:	Dear John, Inc. 12 x 60 Office (11'-9" x 56'-0")							
Sheet Description:	Building Cover Sheet						Page #:	C1



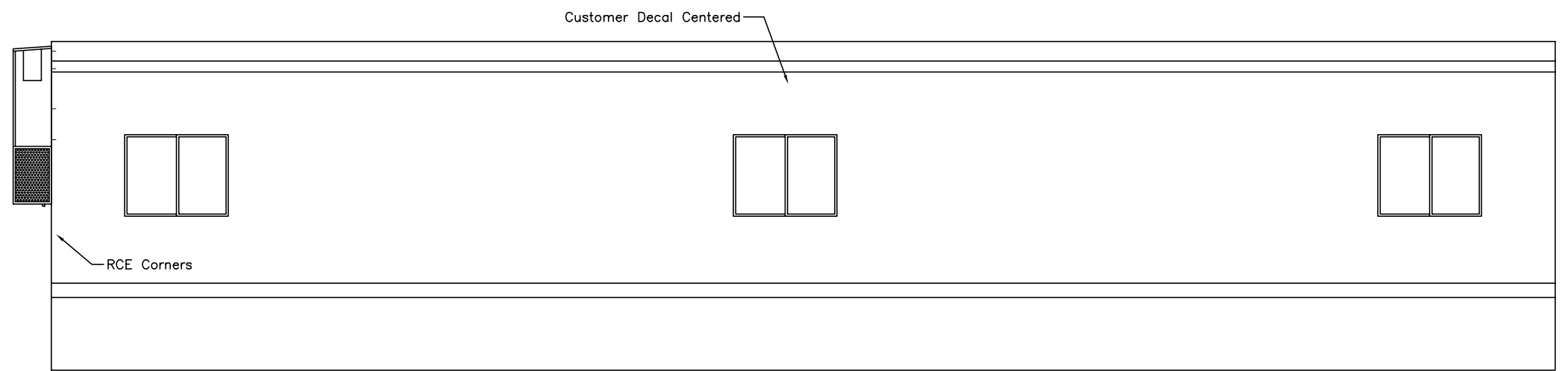
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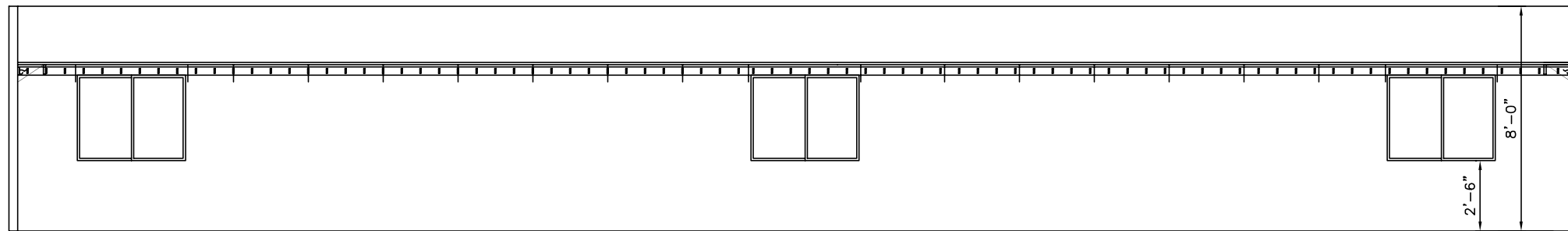
Elevation "A"



Elevation "B"



Elevation "C"



Elevation "E"

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APPROVED AS NOTED SIGNATURE _____ DATE _____

REVISE AND RESUBMIT SIGNATURE _____ DATE _____

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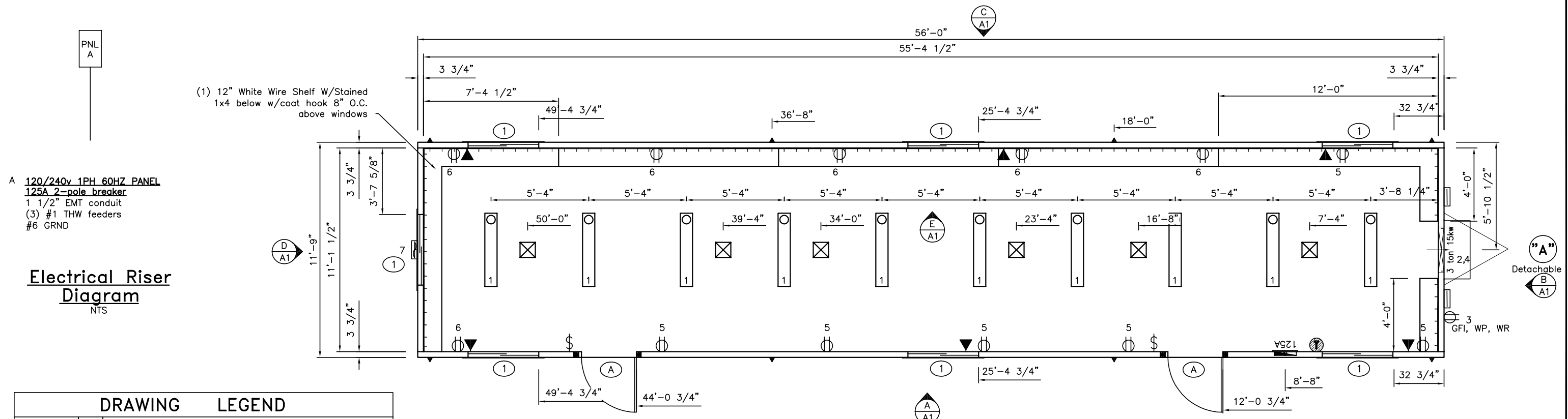
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Dear John[®] Inc.

2224 Bloomingdale Drive
Bristol, Indiana 46507
PH: (574) 848-7300
FX: (574) 848-1950

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Electrical Riser Diagram
NTS

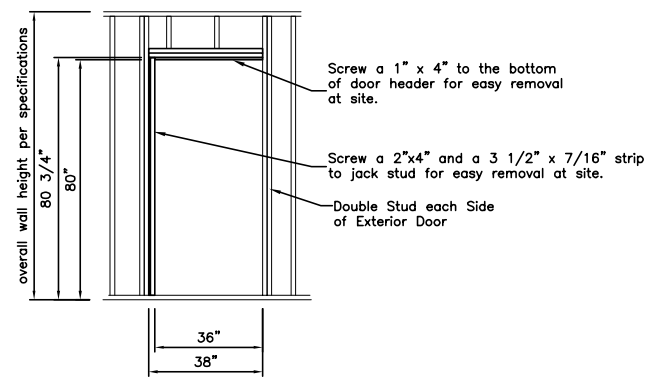
DRAWING LEGEND		DESCRIPTION
▶	4	Over the floor hurricane straps/Tie down locations
◻	1	120/240 electric panel (+30" AFF to bottom of panel)
⊙	1	Low voltage programmable thermostat (+48" AFF to top)
◻	1	Power gable vent
⊗	6	10x10 white SA diffuser with adjustable damper.
⊥	1	R/A Filter grille through wall (30x16)
◻	2	Gable vent
⊕	12	120V ivory duplex grounding type (+18" AFF unless noted)
GFI, WP, WR	1	120V Black duplex weather resistant, GFCI protected exterior recept w/IN-USE WP cover (+18" AFF unless noted)
◀	6	2x4-jbox w/blank cover and 3/4" conduit thru floor for phone/data. (+18" AFF unless noted)
⊞	2	120V ivory toggle type (+42" AFF unless noted)
◻	10	120V 4' (2) tube surface mount w/diffuser

Modul A Area served 658 ft Main Breaker 125A Panel Voltage 240 Panel Phase 1

CKT#	Breaker size	Description	QTY	Voltage	Wattage per item	Connected Load	Load Factor	Calculated load	Total
1	15 /1	Lights (2-tube)	10	120	71.2	712	1.25	890	
		Exterior Lights	0	120	13	0	1.25	0	890
2	4 90 /2	3-ton, 15kw HVAC	1	240	15564	15564	1.00	15564	15564
3	20 /1	GFCI Recept	1	120	180	180	1.00	180	180
5	15 /1	Recepts	6	120	180	1080	1.00	1080	1080
6	15 /1	Recepts	6	120	180	1080	1.00	1080	1080
7	15 /1	Gable Vent	1	120	130	130	1.00	130	130
Total connected load									18924.00
Actual light load									890.00
TCL - ACL									18034.00
NEC LT load factor									3.5 2878.75
Total Load									20912.75
Panel load amps									87.14

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

Wire Size Notes:
- Wiresizes to coordinate with equipment installation instructions and NEC



Framing for Exterior Door "A"

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DOOR & WINDOW SCHEDULE			
SYMBOL	QTY.	DESCRIPTION	ROUGH OPENING
(A)	2	36x80 vinyl clad door w/alum. frame and 10x10 safety glazed lite, drip cap, stay chain, knob lock set, weatherstripping, minigutter and threshold	36 x 80 see R.O. Detail
(1)	7	46x36 horizontal slider w/aluminum mill frame single glass, blinds and bug screen	46 1/4" x 36 1/4" up 30" A.F.F.

Dear John Inc.
 2224 Bloomingdale Drive
 Bristol, Indiana 46507
 PH: (574) 848-7300
 FX: (574) 848-1950

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