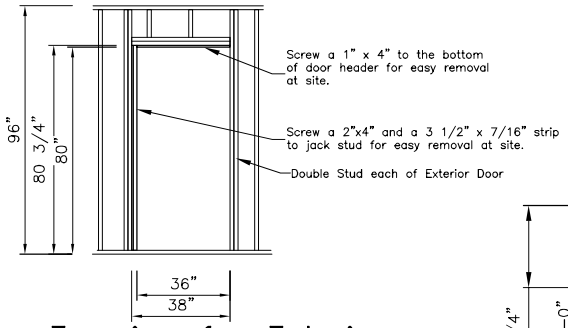
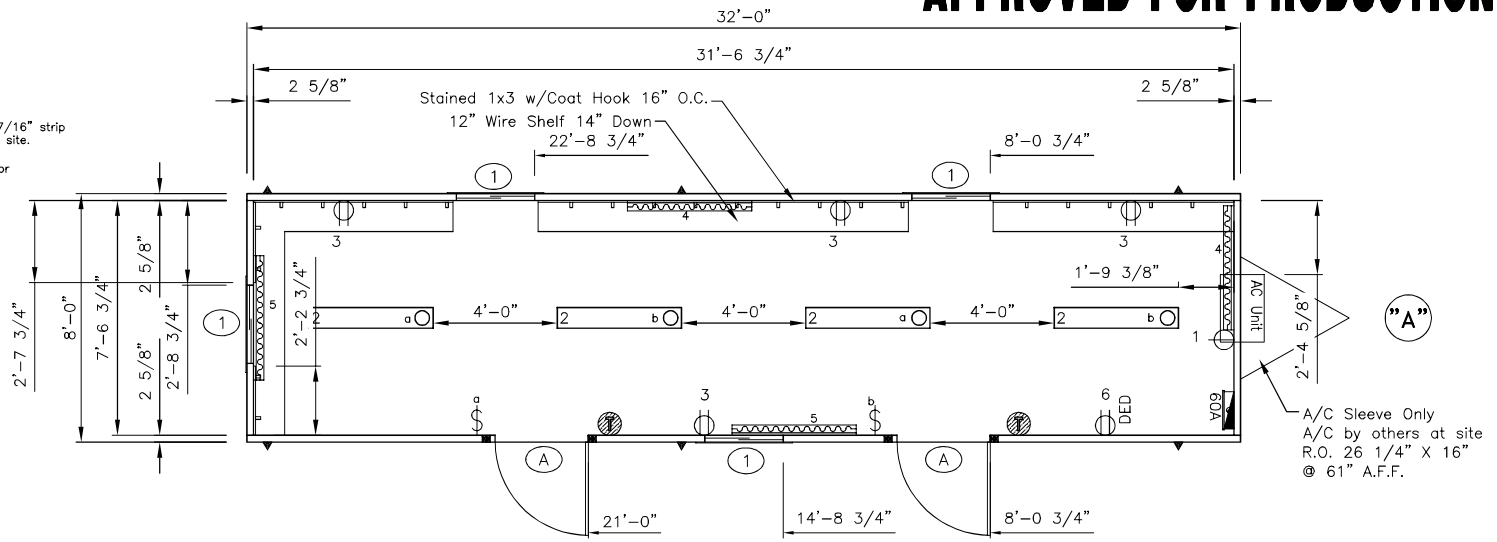
APPROVED FOR PRODUCTION



Framing for Exterior Door "A"

Wire Size Chart

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



Module: A — Area served 256 ft — Main Breaker 60A — Panel Voltage 240 — Panel Phase 1

CKT#	Breaker size	Description	QTY	Voltage	Wattage per item	Connected Load	Load Factor	Calculated load	Total
1	20 /1	8,000 BTU AC	1	120	940	940	1.00	940	940
2	15 /1	Lights	4	120	66	264	1.25	330	330
3	15 /1	Recepts	4	120	180	720	1.00	720	720
4	20 /1	Baseboard Heater	2	120	1000	2000	1.25	2500	2500
5	20 /1	Baseboard Heater	2	120	1000	2000	1.25	2500	2500
6	20 /1	Ded. Recept	1	120	180	180	1.00	180	180

Total connected load	7170.00
Actual light load	330.00
TCL - ACL	6840.00
NEC LT load factor 3.5	1120.00
Total Load	7960.00
Panel load amps	33.17

DRAWING LEGEND

SYMBOL	QTY.	DESCRIPTION
▶	3	Over the FLOOR hurricane straps/Tie down locations
	1	120/240 electric panel
	4	120V Electric 48" baseboard heater (+4" A.F.F.)
	2	Thermostat (+54" A.F.F.)
	4	120V ivory duplex grounding type (+18" AFF unless noted)
DED	1	120V ivory duplex grounding type on Dedicated Circuit (+18" AFF unless noted)
	1	120V ivory single A/C Recept (+54" AFF)
	2	120V ivory toggle type (+48" AFF unless noted)
	4	120V 4' (2) tube surface mount w/diffuser

DOOR & WINDOW SCHEDULE

SYMBOL	QTY.	DESCRIPTION	ROUGH OPENING
A	2	36x80 standard vinyl clad door w/alum. frame and 10x10 safety glazed lite stay chain. knob lock set, weatherstripping, minigutter and threashold	36 x 80 see R.O. Detail
1	4	30x14 horizontal slider w/aluminum mill frame single obscured glass and bug screen	30 1/4" x 14 1/4" up 66 3/4" A.F.F.

Dear John® Inc.

ID	Revision	Date

Scale: 1/4" = 1'-0"	Drawn: BB	Date: 6/22/07	Plot Date: Feb 27, 2008
Serial Numbers:	Drawing Number: 612	DWG File Name: DJT836CHRM.dwg	

Approval Numbers: MT 252784

Title: Dear John Trailers
8 x 36 Change Room (8'-0" x 32'-0")

Sheet Description: Production Floor /Electrical Plan — Page #: A2