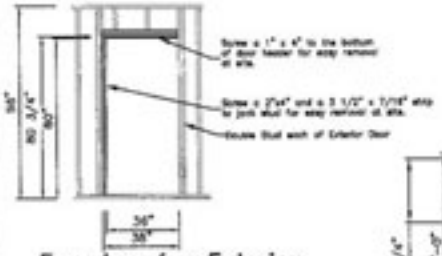
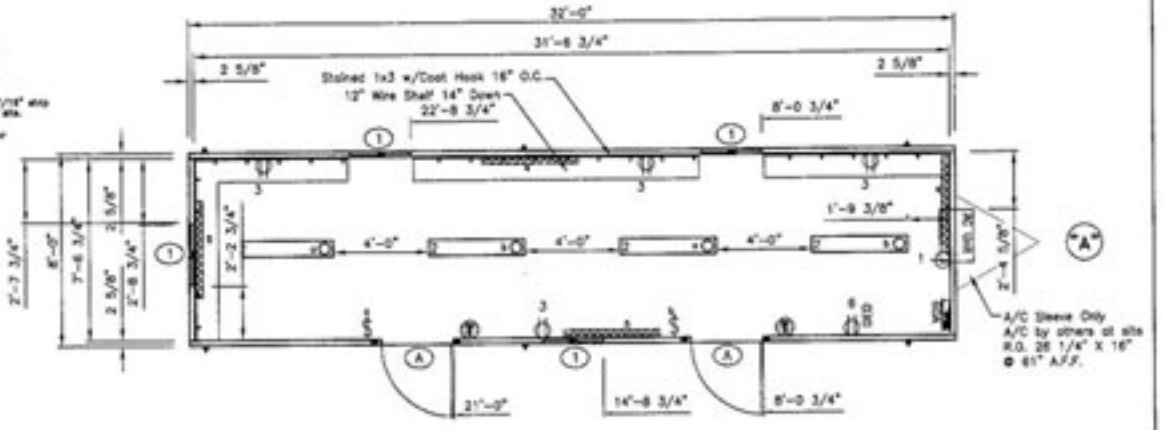


Framing for Exterior Door "A"



Wire Size Chart

Breaker Size	Wire Size	Breaker Size	Wire Size
15A	#14	30A	#10
20A	#12	50A	#8
25A	#12	70A	#6
30A	#10	110A	#4
40A	#8	125A	#3
50A	#8	150A	#1
60A	#8	160A	1/0

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.)
T	2	Thermostat (+54" A.F.F.)
⊖	4	120V ivory duplex grounding type (+18" AFF unless noted)
⊖ GFCI	1	120V ivory duplex grounding type or 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

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

CKT#	Breaker size	Description	QTY	Voltage	Wattage per item	Connected Load (VA)	Load Factor	Calculated Load	Total
1	20/1	[illegible]	1	120	540	540	1.00	540	540
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	Well Recept	1	120	180	180	1.00	180	180
								Total Connected Load	7170.00
								Demand Factor Used	100.00
								Total Load	6941.00
								240/120 Load Factor	1.25
								Panel Load	7680.00
								Panel load amps:	32.00

DOOR & WINDOW SCHEDULE

SYMBOL	QTY.	DESCRIPTION	ROUGH OPENING
A	2	36x80 standard vinyl clad door w/alum. frame and 10x10 safety glazed tile step shoin, knob lock set, weatherstripping and threshold	38 x 80 see R.O. Detail
2	4	30x14 horizontal slider w/aluminum mill frame single obscured glass and bug screen	30 1/4" x 14 1/4" @ 80 3/4" A.F.F.