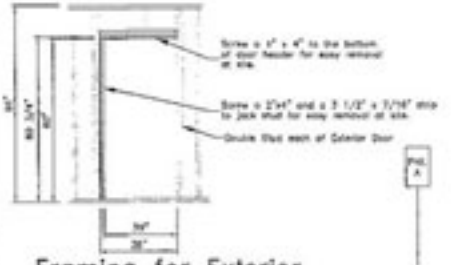
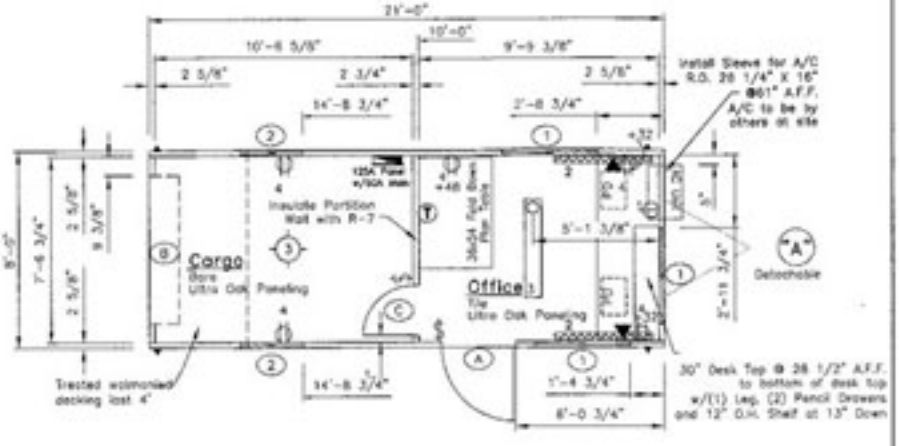


Framing for Exterior Door "A"

A

Electrical Riser Diagram



DRAWING LEGEND

SYMBOL	QTY.	DESCRIPTION
▶	2	Over the Floor hurricane straps/Tie down locations
	1	120/240 electric panel
	2	120V Electric 48" baseboard heater (+4" A.F.F.)
Ⓣ	1	Thermostat (+54" A.F.F.)
	5	120V ivory duplex grounding type (+18" AFF unless noted)
	1	120V ivory single A/C Receipt (+54" AFF)
◀	2	2x4←base w/3/4" conduit thru floor for phone/data (+32" AFF unless noted)
	2	120V ivory toggle type (+48" AFF unless noted)
	1	120V 4' (2) tube surface mount w/diffuser
	1	120V Porcelain base incandescent light

Module A — Area served — Main Breaker — 100 A — Panel Voltage — 240 — Panel Phase — 1

QTY#	Breaker size	Description	QTY	Voltage	Wattage per item	Connected Load	Load Factor	Calculated load	Total
	20/1P				720		1.00		
	20/1P				1500		1.00		
	15/1P				60		1.00		
	15/1P				60		1.00		
	15/1P				180		1.00		
	15/1P				180		1.00		

Total connected load	
Active (per line)	100
Total Amps	
Neutral load factor	1.00
Total Load	
Meter load amps	

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	110A	#2
50A	#8	125A	#1
60A	#6	150A	1/0

DOOR & WINDOW SCHEDULE

SYMBOL	QTY.	DESCRIPTION	ROUGH OPENING
A	2	36x80 standard vinyl clad door w/alum. frame and 10x10 safety glazed lite, stop chain, knob lock set, weatherstripping,minigutter and threshold	38 x 83 see R.O. Detail
B	1	72 x 68 Steel roll-up overhead w/minigutter	72 x 68 1/2
C	1	24x80 hollow core door w/factory frame and passage knob set	24 5/8 x 81 5/8
1	2	48x27 horizontal slider w/aluminum mill frame single glass, blinds and bug screen	48 1/4" x 27 1/4" up 41 1/4" A.F.F.
2	2	30x14 horizontal slider w/aluminum mill frame single obscure glass and bug screen	30 1/4" x 14 1/4" up 54 1/4" A.F.F.