

LEGEND

- PULL STATION
- SMOKE DETECTOR
- HEAT DETECTOR
- CARBON MONOXIDE DETECTOR
- MONITOR MODULE
- ANNUNCIATOR PANEL

DEVICE MOUNTING HEIGHTS:  
 PULL STATIONS @ 48 INCHES  
 NOTIFICATION DEVICES @ 80 INCHES

This drawing is a typical device layout, wiring is shown diagrammatically only. This drawing has been provided as an example ONLY. Riser does not necessarily indicate all devices and appliances. See floor plans and specification for location and quantities. The purchaser must accurately layout the initiating and notification devices in their proper zones/circuit. Note: All signal circuits have a 2.5 amp load limitation and a combined load limitation of 3.0 amps or 6.0 amps if XRM-24 is added to the panel. There can be 4 class B NAC circuits or 2 class A NAC circuits.

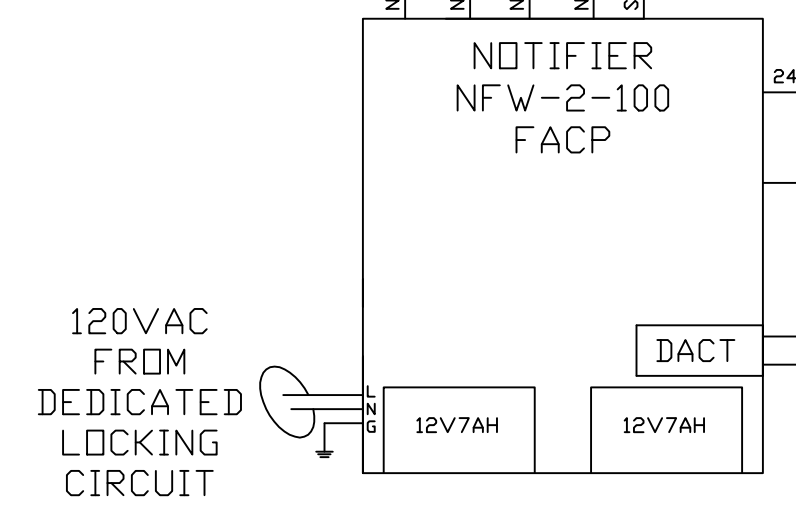
Room Size	Candela Rating	Load (amps)
20' x 20'	15 cd	0.08 amps
28' x 28'	30 cd	0.10 amps
45' x 45'	75 cd	0.15 amps
54' x 54'	110 cd	0.20 amps

- A 1 PR #12 AWG TWISTED-PAIR UNSHIELDED CABLE FPL GENESIS 4515, BELDEN 6020UL (Up to 10,000 ft)
- A 1 PR #14 AWG TWISTED-PAIR UNSHIELDED CABLE FPL GENESIS 4513, BELDEN 6120UL (Up to 8,000 ft)
- A 1 PR #16 AWG TWISTED-PAIR UNSHIELDED CABLE FPL GENESIS 4511, BELDEN 6220UL (Up to 4,500 ft)
- B 1 PR #12 AWG FPL CABLE
- D 1 PR #14 AWG FPL CABLE
- E 1 PR #16 AWG FPL CABLE
- F 2c #12 AWG CABLE
- G 2c #14 AWG CABLE
- H 1 PR #16 AWG TWISTED-PAIR SHIELDED CABLE FPL
- I 1 PR #20 AWG SOLID COPPER UNSHIELDED PLENUM RATED
- J 1 CAT5 CABLE

REVISION 2	DATE:
REVISION 1	DATE:
REVISION 0 SUBMITTAL	DATE: 12/26/2013

FACP WIRING RISER

PROJECT NAME 129 GRANT STREET APTS 129 GRANT ST PORTLAND, ME	SCALE NTS BY: JRS CK BY:
 Prepared For Tomorrow, Delivered Today 2257 BROADWAY, SO. PORTLAND, MAINE	



**IMPORTANT!**  
 WIRING CONNECTIONS  
 MUST HAVE CORRECT  
 POLARITY.

Coordinate termination's with telephone representative. Must be completed before fire alarm service visit for final certification. Contact Norris Inc. to set up monitoring before tech is scheduled.

Important! Duplicate Addresses on devices of different style is NOT an error in design or printing. All electronic devices MUST be placed in a heated room with temperature above 32 degrees. Never run wires parallel to any other wiring. Make sure to always run cables in separate raceways. Fire alarm wiring can emit noise that may affect other devices. Shielded cable can be used if cable is run near sensitive equipment

PULL 2 CATS FROM FACP TO TEL/DATA PUNCH BLOCK AREA