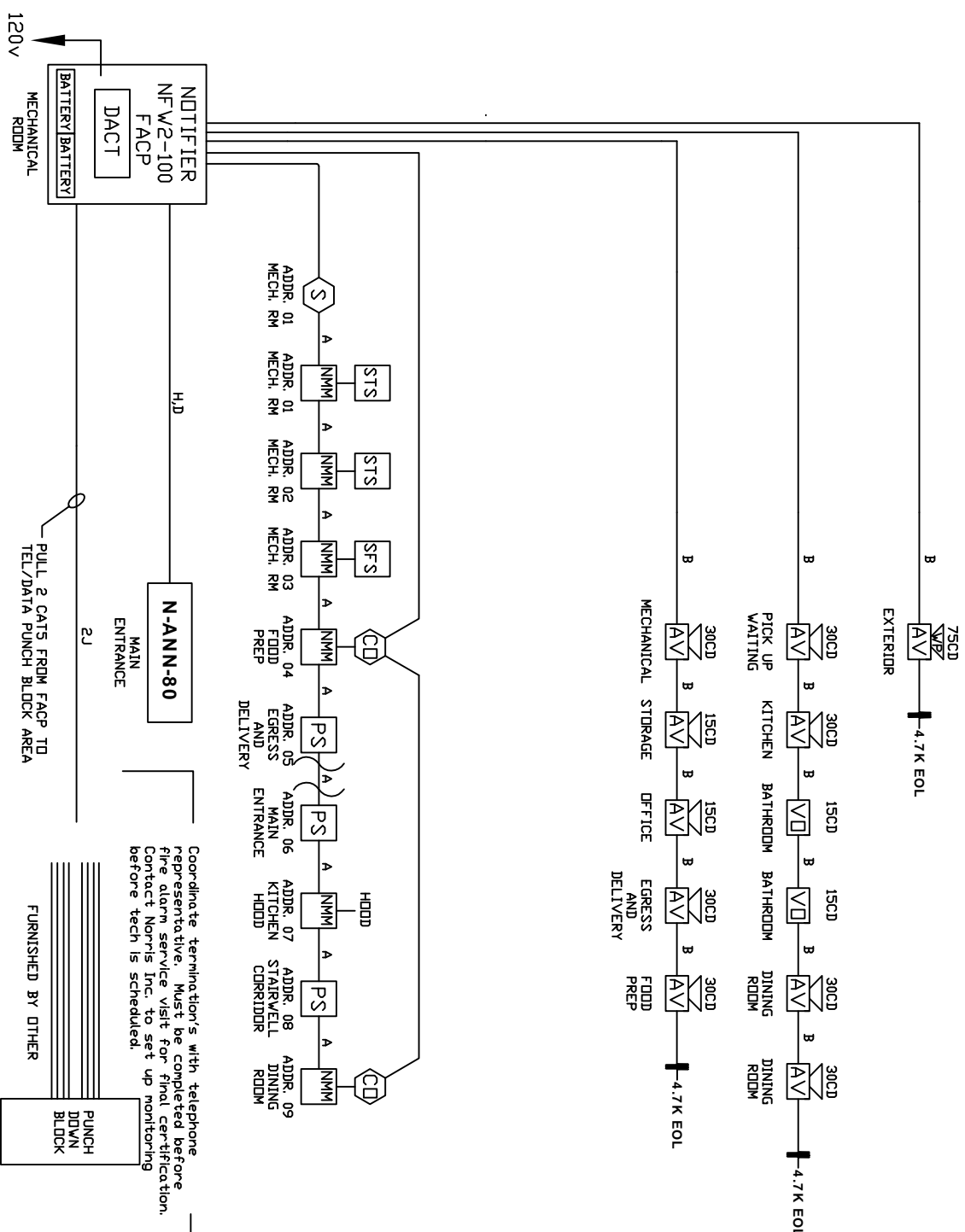


Important! Securing Screw
MUST be installed in top of
Device on Exceder series HSR
and STR Audio Visuals.

Important! Wiring connections
must have correct polarity.



Coordinate terminations 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.

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

FURNISHED BY OTHER

LEGEND

MOUNTING HEIGHT 48 INCHES	PS	PULL STATION
	S	SMOKE DETECTOR
	R	HEAT DETECTOR RATE OF RISE
	F	HEAT DETECTOR FIXED TEMP
	RT	REMOTE TEST/INDICATOR
	DS	DUCT SMOKE DETECTOR
80 INCHES	VD	VISUAL ONLY
	WP	WEATHERPROOF AUDIO / VISUAL
80 INCHES	AV	WEATHERPROOF AUDIO / VISUAL
	NZN	ZONE MODULE
	100	ZONE MODULE
	NC-	CONTROL MODULE
	100	CONTROL MODULE
	NMM	MONITOR MODULE
	100=4 SQUARE, 100P=pin/mod	MONITOR MODULE
	100P	RELAY MODULE
	STS	SPRINKLER TAMPER
	SPS	SPRINKLER PRESSURE
	SFS	SPRINKLER FLOW
	CD	CARBON MONOXIDE DETECTOR

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 25 amp load limitation and a combined load limitation of 30 amps or 60 amps if XRM-24 is added to the panel. There can be 4 class B nac circuits or 2 class A nac circuits. REMOTE power supply has a 30 amps limitation per circuit and an 80 amp combined limitation for all 4 circuits. (see chart below for current vs. candle rating)

Room Size	Candle 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 AVG TWISTED-PAIR UNSHIELDED CABLE FPL
- GENESIS 4515, BELDEN 6020UL (UP to 10,000 ft)
- A 1 PR #14 AVG TWISTED-PAIR UNSHIELDED CABLE FPL
- GENESIS 4513, BELDEN 6120UL (UP to 8,000 ft)
- A 1 PR #16 AVG TWISTED-PAIR UNSHIELDED CABLE FPL
- GENESIS 4511, BELDEN 6220UL (UP to 4,500 ft)
- B 1 PR #12 AVG FPL CABLE
- D 1 PR #14 AVG FPL CABLE
- E 1 PR #16 AVG FPL CABLE
- F 2c #12 AVG CABLE
- G 2c #14 AVG CABLE
- H 1 PR #16 AVG TWISTED-PAIR SHIELDED CABLE FPL
- J 1 CATS CABLE

REVISION 2	DATE:
REVISION 1	DATE:
REVISION 0	DATE: 5/16/2013
SUBMITTAL	
SYSTEM WIRING RISER	

PROJECT NAME
919 CONGRESS STREET
PORTLAND, MAINE

SCALE NTS	BY: CJC
CK BY:	
SAVED AS:	

2257 BROADWAY, SD, PORTLAND, MAINE

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.