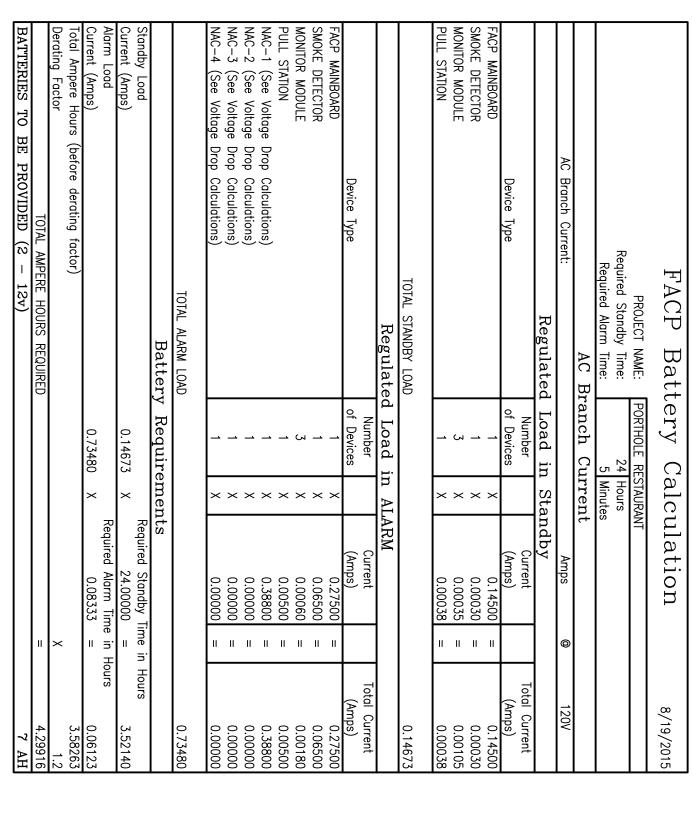
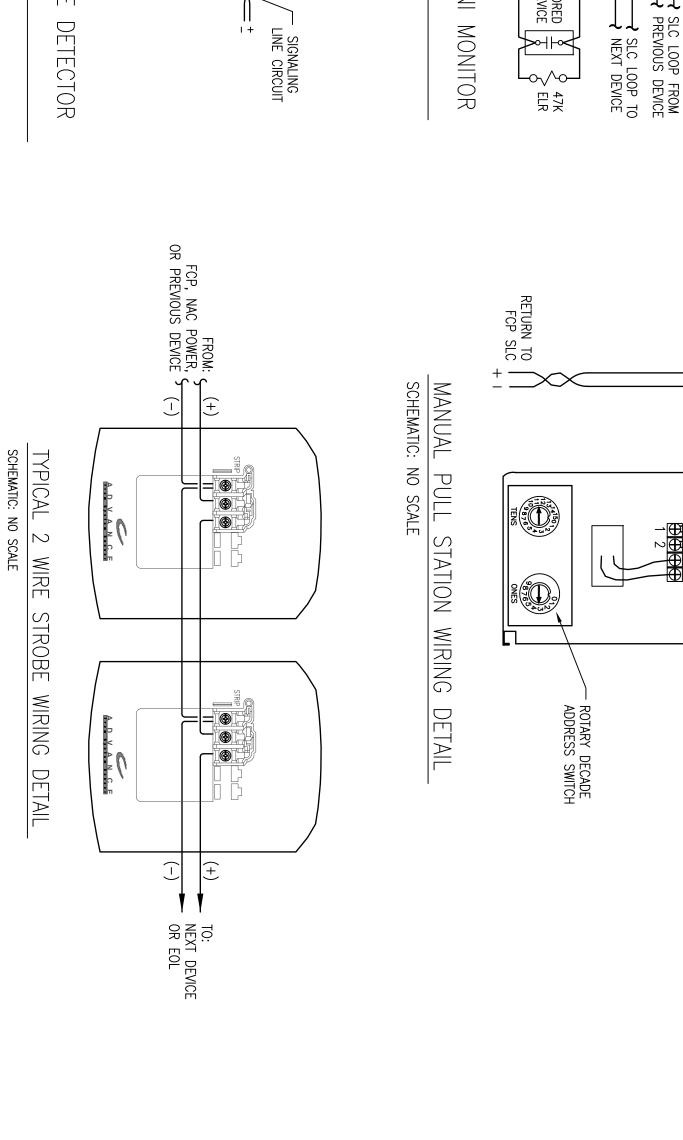


SCHEMATIC: NO SCALE

FIRE ALARM RISER

DIAGRAM





10.

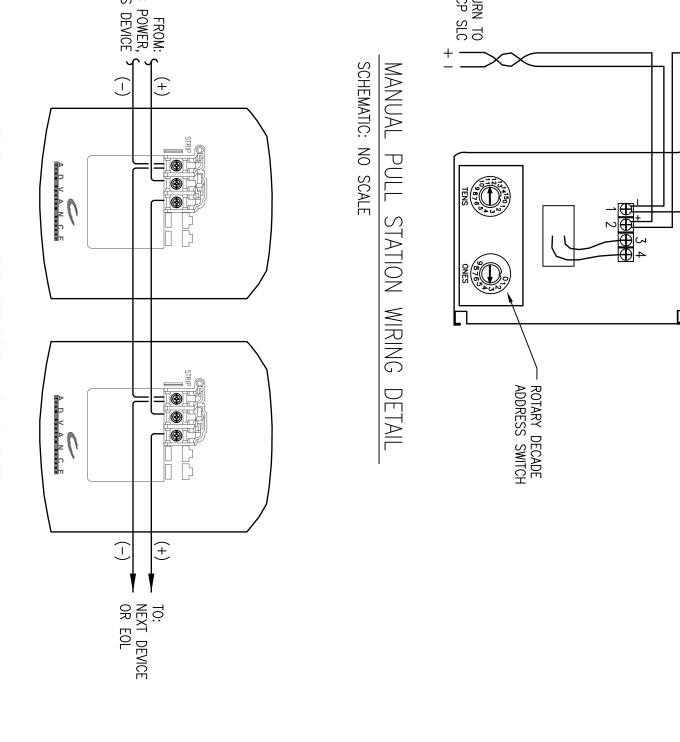
SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER CONSTRUCTION CLEAN-UP IS COMPLETED AND FINAL.

ALL FIRE ALARM CABLING SHALL BE ACCEPTABLE TO THE FIRE ALARM EQUIPMENT MANUFACTURER FOR THE INTENDED PURPOSE.

ADDRESSABLE WIRING DETAIL

SMOKE

SCHEMATIC: NO SCALE



ADDRESSABLE WIRING DETAIL

 \leq

SCHEMATIC: NO SCALE

~ #22/4 RISIA -9200UDLS CONNECT TO DACT PHONE LINE JACKS ON MAIN BOARD FCP NAC-2 -#16/2 TWP AWG (CLASS B) (CLASS B) WIRE NOTE:
VERIFY EXACT WIRE TYPE WITH FIRE CONTRACTOR BEFORE ORDERING.

INCOMING PRIMARY AND SECONDARY TELEPHONE CO. LINES

15.

16.

	FIRE DOWER LIMITED DIENLIM	EDI D	INCHI ICATION ALL FINE CHICAGO LINE (WHICH WHINING CENSOL). HIEGE
<i>/</i>	TWISTED SHIELDED PAIR	TWSP	NOTIFICATION ADDITATION OTIPILIT FND OF LINE (WHEN WIDING CLASS "R") THESE
\ /	TWISTED PAIR	TWP	INSTALLING CONTRACTOR SHALL DHYSICALLY LARFL ALL INITIATING DFVICES AND
\ \ \ \ #	AMERICAN WIRE GAUGE	AWG	OFOLION CONTO THE FOOME NOTIONAL PRIMARY CONTOURNS.
<u>.</u>	END OF LINE RELAY	EOLR	SECTION 907 15 AND THE LOCAL ALITHORITY HAVING HIRISDICTION
	END OF LINE RESISTOR	EOL	PROVIDE OFF—SITE MONITORING AS REQUIRED BY THE INTERNATIONAL FIRE CODE
(D or M -	WEATHER PROOF	WP	
L1D0	SOUNDER BASE	S	ALARM SYSTEM INSPECTION
(O	RESIDENTIAL (110V)	R	PFR ALL APPLICABLE CODES AND SHALL COORDINATE AND PERFORM A FINAL FIRE
)	PENDENT MOUNT	Р	THE INSTALLING CONTRACTOR SHALL PERFORM FINAL TESTING OF THE ENTIRE SYSTEM
	WITH GUARD	G	LIPON COMPLETION OF THE FIRE ALARM SYSTEM INSTALLATION AND PROGRAMMING
WATTAGE	EXISTING	E	
SDEAKER -	DESCRIPTION	ABBREVIATION	. VERIFY ALL FIELD SELECTABLE AUDIBILITY SETTINGS OF NOTIFICATION APPLIANCES WITH FIRF ALARM CONTRACTOR
	KNOX BOX	KB	CONNECTION BETWEEN ALL SYNC MODULES.
	STROBE	X	PROVIDE ALL REQUIRED SYNC MODULES. PROVIDE A MULTI-SYNC MODE SLAVE
	SPEAKER	SPA	DDOVIDE SYNOLDONIZATION OF ALL VISLIAL MOTIFICATION ADDITIONS SIDOLITS
	SPEAKER / STROBE		4" AND A MAXIMUM OF 12" FROM CEILING. CEILING—MOUNTED SMOKE DETECTORS SHALL BE MOUNTED ON CEILINGS AND NOT ON THE BOTTOMS OF BEAMS OR JOISTS.
	HORN / STROBE	\bowtie	DIFFUSERS. WALL-MOUNTED SMOKE DETECTORS SHALL BE LOCATED A MINIMUM OF
	TCXZ	ĽN	LOOMTE OMONE DETECTORS V MINIMIN OF THREE (3) FEET FROM MECHANICAL

	ONLY 1 CABLE NEEDED)	RISER		FPLR
		OI FNUM	FIRE POWER LIMITED PLENUM	FPI P
	CONDUCTOR COUNT		TWISTED PAIR	TWP
	TWP	1-#16/2	RICAN WIR	AWG
	<u>1</u>	. =		EOLR
	ES DETECTOR OR MODULE #)	(D or M -	END OF LINE RESISTOR	FOL FOL
	* -		WEATHER DROOF	ψ ₀
	(1) DEVICE ADDRESS (1)		RESIDENTIAL (110V)	S R
			PENDENT MOUNT	Р
		(2")	WITH GUARD	G
	75 CANDELA TO	WATTAGE (1W) 75	EXISTING	П
			DESCRIPTION	ABBREVIATION
	FIELD VERIFY		KNOX BOX	KB
	WALL 80"-96"		STROBE	×
	WALL @ 90"		SPEAKER	
	WALL 80"-96"		SPEAKER / STROBE	
	WALL 80"-96"		HORN / STROBE	
	WALL @ 10'-0		HORN	\Box
	FIELD VERIFY	(ER / STROBE	CEILING MOUNT SPEAKER	
	FIELD VERIFY	/ STROBE	CEILING MOUNT HORN	
	FIELD VERIFY	3E	CEILING MOUNT STROBE	Ø
	BY OTHERS		BELL	A
	BY OTHERS	SWITCH	LOW TEMPERATURE SW	П
	BY OTHERS		VALVE TAMPER SWITCH	※
	BY OTHERS		WATER FLOW SWITCH	⊹ ∘
	FIELD VERIFY		REMOTE TEST STATION	RTS
	FIELD VERIFY	MODULE	ADDRESSABLE RELAY N	RM
	FIELD VERIFY	(MULTI-VOLTAGE)	CONTROL RELAY (MULT	R
	WALL @ 48"		MANUAL PULL STATION	P
	FIELD VERIFY	MONITOR MODULE	ADDRESSABLE MINI MO	MM
	FIELD VERIFY	IL MODULE	ADDRESSABLE CONTROL	СМ
	CEILING		HEAT DETECTOR	0
	BY OTHERS)R	DUCT SMOKE DETECTOR	<u> </u>
	CEILING		SMOKE DETECTOR	(2)
	BY OTHERS		FIRE/SMOKE DAMPER	FSD
	WALL-TOP @ 66"	ATOR	FIRE SYSTEM ANNUNCIATOR	FSA
	FIELD VERIFY	SUPPLY	FIRE ALARM POWER SU	FPS
	WALL-TOP @ 66"	PANEL	FIRE ALARM CONTROL	FCP
	MOUNTING	DESCRIPTION	DESC	TOBMAS
	EGEND	SYMBOLS MAY NOT BE USED ON THIS PROJECT	ALAK NOTE: AL	FIKE
_	`) ヿ゚゙゙゙゙゙゙゙゙゙゙゙゙゙゙゚゙゙゙゙ヿ゙゙゙゙゙゚゙゙゙゙゙゙゚		>	<u> </u>

WHEN UTILIZING SHIELDED CABLE TIE SHIELDS THROUGH AND INSULATE AT EACH JUNCTION BOX. INSULATE AND TAPE BACK AT END.

WHEN UTILIZING CLASS "A" CIRCUITS, SEPARATE OUTGOING AND RETURN CONDUCTORS OF CLASS "A" CIRCUITS BY A MINIMUM OF 12" WHERE RUN VERTICALLY AND 48" WHERE RUN HORIZONTALLY.

POWER-LIMITED AND NONPOWER-LIMITED CIRCUIT WIRING MUST REMAIN SEPARATED IN CABINET. ALL POWER-LIMITED CIRCUIT WIRING MUST REMAIN AT LEAST 0.25" AWAY FROM ANY NONPOWER-LIMITED CIRCUIT WIRING. FURTHERMORE, ALL POWER-LIMITED AND NONPOWER-LIMITED CIRCUIT WIRING MUST ENTER AND EXIT THE CABINET THROUGH DIFFERENT KNOCK OUTS AND/OR SEPARATE CONDUITS.

LOSS OF AC TO BUILDING	NAC SHORT CIRCUIT	GROUND FAULT	OPEN CIRCUIT	FIRE ALARM LOW BATTERY	FIRE ALARM AC POWER FAIL	LOW TEMPERATURE SWITCHES	VALVE TAMPER SWITCHES	WATERFLOW SWITCHES	PULL STATIONS	SMOKE DETECTORS	OPERATIONS MATRIX
											FIRE ALARM OUTPUT
								•			ACTIVATE ALARM INDICATOR
								•			ACTIVATE AUDIBLE ALARM
						•					ACTIVATE SUPERVISORY INDICATOR
						•					ACTIVATE AUDIBLE SUPERVISORY SIGNAL
				•							ACTIVATE TROUBLE INDICATOR
				•							ACTIVATE AUDIBLE TROUBLE INDICATOR
											TRANSMIT ALARM SIGNAL
						•					TRANSMIT SUPERVISORY SIGNAL
		•									TRANSMIT TROUBLE SIGNAL

В	Δ	Т	TF	=

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PORTHOLE RESTAURANT 20 CUSTOM HOUSE WHARF PORTLAND, MAINE 04101 RY CALC, DETAILS, LEGEND, MATRIX, NOTES

CUNNINGHAM	
Security Systems	

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	REVISION	DESCRIPTION	DATE
	0	ISSUED FOR REVIEW & APPROVAL	8/12/2015
╛╽	1	REVISED — SPRINKLER MONITORING PLAN	8/20/2015
-			

GENERAL

FIRE RATINGS SHALL BE MAINTAINED FOR ALL PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION.

POWER FOR ALL FIRE ALARM PANELS AND FIRE ALARM POWER SUPPLIES MUST BE PROVIDED BY A DEDICATED AC BRANCH CIRCUIT.

WIRING DEPICTED ON THESE PLANS IS SCHEMATIC — ACTUAL WIRE LOCATIONS MAY DIFFER FROM THESE PLANS. WIRING SHALL BE PERFORMED AS ACTUAL BUILDING CONSTRUCTION CONDITIONS ALLOW AND TO MINIMIZE PENETRATIONS THROUGH AREA SEPARATION WALLS AND FIRE WALLS. THE USE OF A RACEWAY IS PERMITTED AS LONG AS NO 110V OR HIGHER VOLTAGE CABLES ARE IN THE SAME RACEWAY.

INSTALLATION SHALL COMPLY WITH NEC, NFPA 72 AND ALL OTHER APPLICABLE CODES AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

THESE DRAWINGS ARE DIAGRAMMATIC. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.