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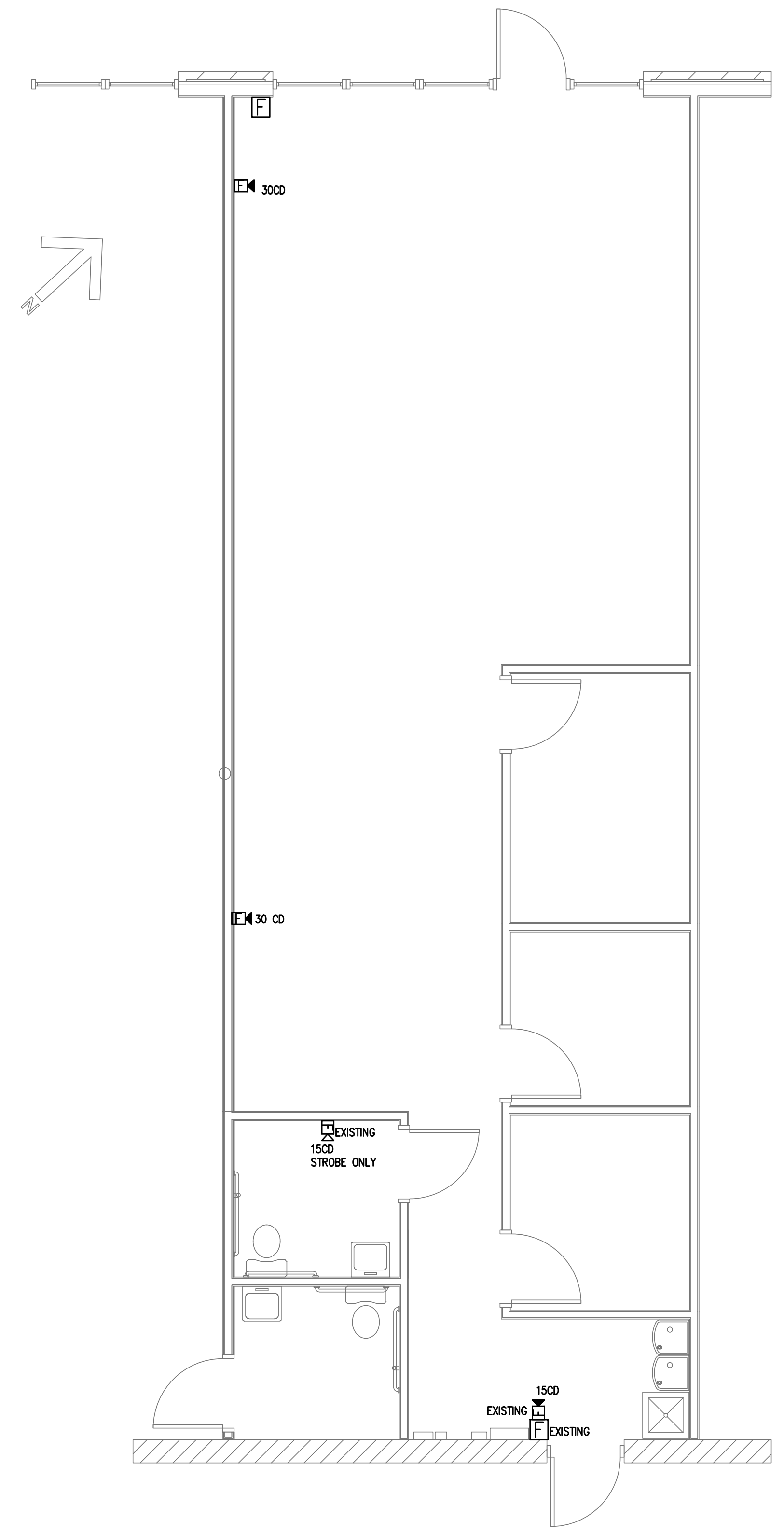
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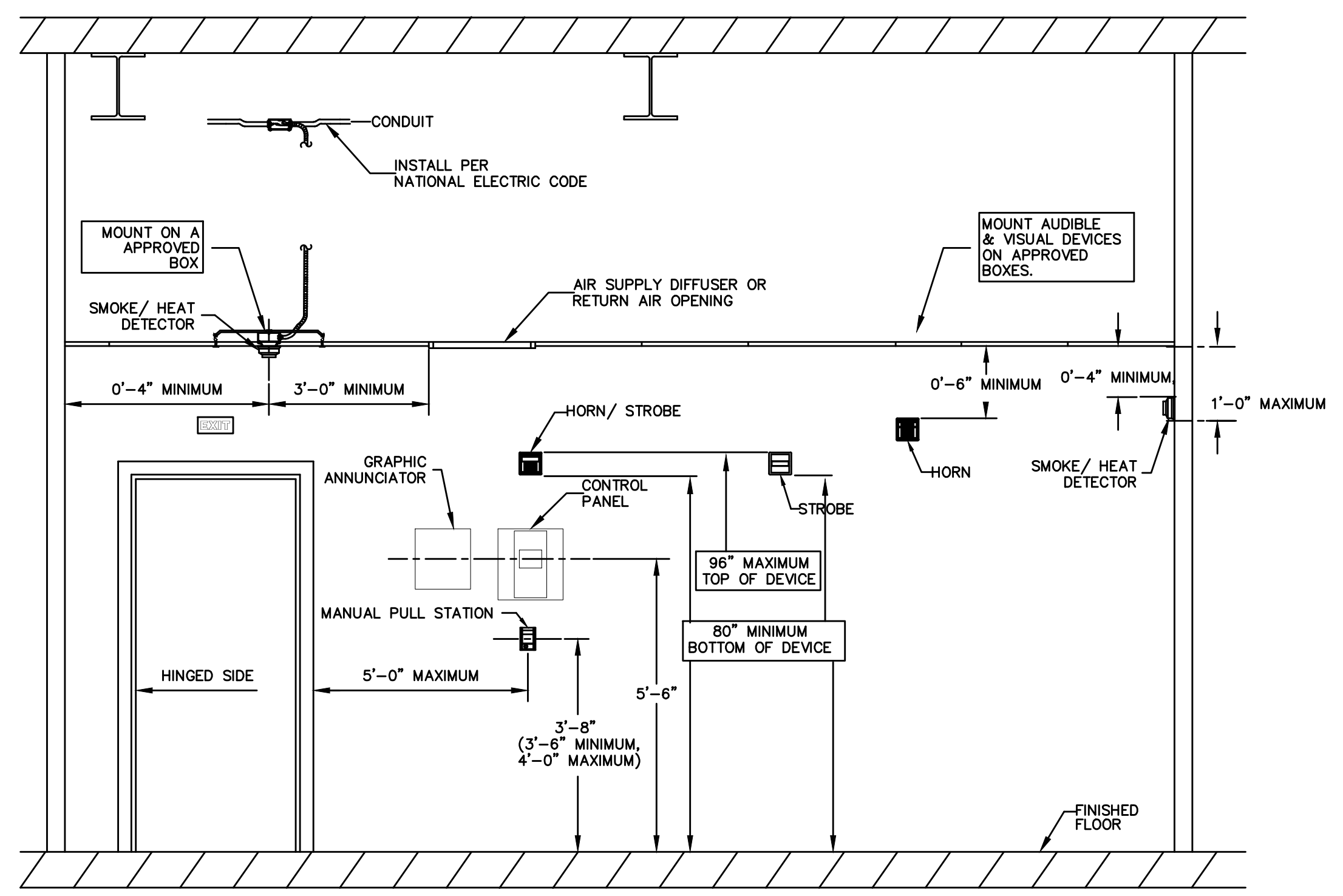
NFPA 72 AND ADA DEVICE INSTALLATION REQUIREMENTS

FIRE ALARM NOTES

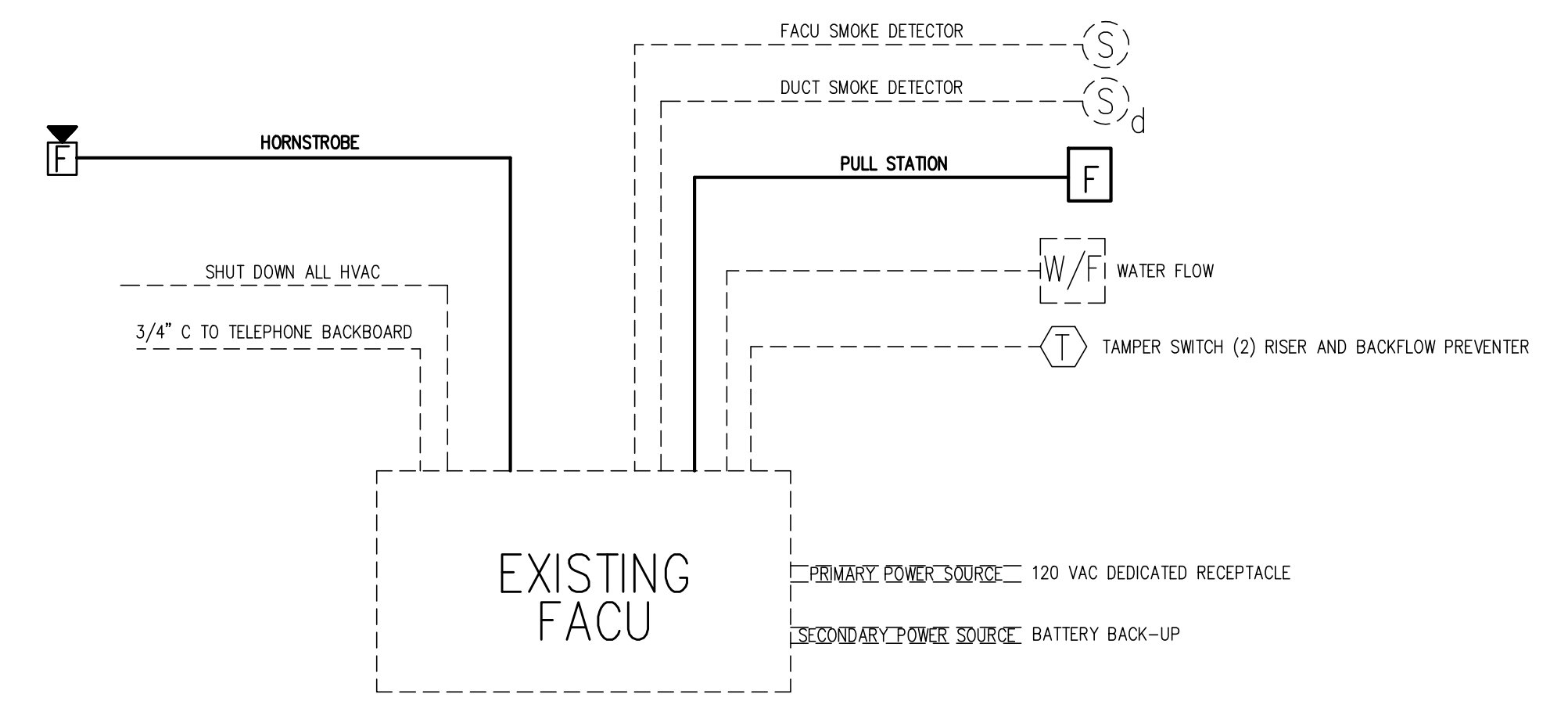
- FIRE ALARM CONTROL PANEL (FACP) SHALL BE FCI, NOTIFIER OR FIRELITE SELF CONTAINED W/ DIGITAL COMMUNICATOR AND MODULES TO ACCOMPLISH THE FUNCTIONS SPECIFIED HEREIN. PANEL SHALL HAVE SEALED, MAINTENANCE-FREE, LEAD-CALCIUM BATTERY BACKUP WITH CAPACITY TO POWER DEVICES SHOWN FOR TIME REQUIRED. PROVIDE BATTERY AND VOLTAGE DROP CALCULATIONS. PANEL SHALL BE ADDRESSABLE SURFACE OR SEMI-RECESSED AS INDICATED. INSTALL LIGHTNING ARRESTORS AT CIRCUIT BREAKER IN PANEL SERVING FIRE ALARM. PROVIDE ADDITIONAL POWER EXTENDERS AS NEEDED TO POWER DEVICES SHOWN.
- PULL STATIONS SHALL BE BY SYSTEM MANUFACTURER
- AUDIO VISUAL HORN-STROBES, SHALL BE RED, WALL OR CEILING MOUNTED, ADJUSTABLE FOR CD SHOWN.
- SPACE AND DUCT MOUNTED SMOKE DETECTORS SHALL BE BY SYSTEM MANUFACTURER.
- CONDUCTORS, SIGNALING AND NOTIFICATION, SHALL BE COPPER TYPE FPLP UL LISTED FOR FIRE ALARM. PERMANENT WIRE MARKERS SHALL BE USED TO IDENTIFY ALL SPLICES AND TERMINATIONS FOR EACH CIRCUIT. IDENTIFICATION FOR ALL SPLICES SHALL INDICATE WHICH CONDUCTOR LEADS TO THE CONTROL PANEL. SYSTEM SHALL BE NFPA CLASS B WIRING.
- NFPA 72 CERTIFICATION FOR SYSTEM SHALL BE PROVIDED FROM INSTALLER / SUPPLIER OF EQUIPMENT. PROVIDE INSTRUCTION MANUALS AND INSTRUCTION TO OWNER PERSONNEL.
- A TEST DEMONSTRATION SHALL BE PROVIDED FOR BUILDING OFFICIALS AS REQUIRED TO PROVIDE A PERMITTED SYSTEM.
- FIRE ALARM INSTALLER / SUPPLIER SHALL OBTAIN ALL PERMITS REQUIRED FOR CONSTRUCTION AND OCCUPANCY.



1 FIRE ALARM PLAN
 1/4"-1"
 FA1



2 MOUNTING DETAILS
 N.T.S.
 FA1



3 FIRE ALARM RISER DIAGRAM
 N.T.S.
 FA1

OVERALL MATRIX

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX	SYSTEM OUTPUTS																									
	FACP ANNUNCIATION										NOTIFICATION					REQUIRED FIRE SAFETY CONTROL										
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	
1 FIRE ALARM SYSTEM AC POWER FAILURE																										
2 FIRE ALARM SYSTEM LOW BATTERY																										
3 OPEN CIRCUIT																										
4 GROUND FAULT																										
5 NOTIFICATION APPLIANCE CIRCUIT SHORT																										
6 BUILDING MANUAL PULL STATIONS																										
7 SPRINKLER TAMPER SWITCH																										
8 SPRINKLER WATER FLOW IN BUILDING																										