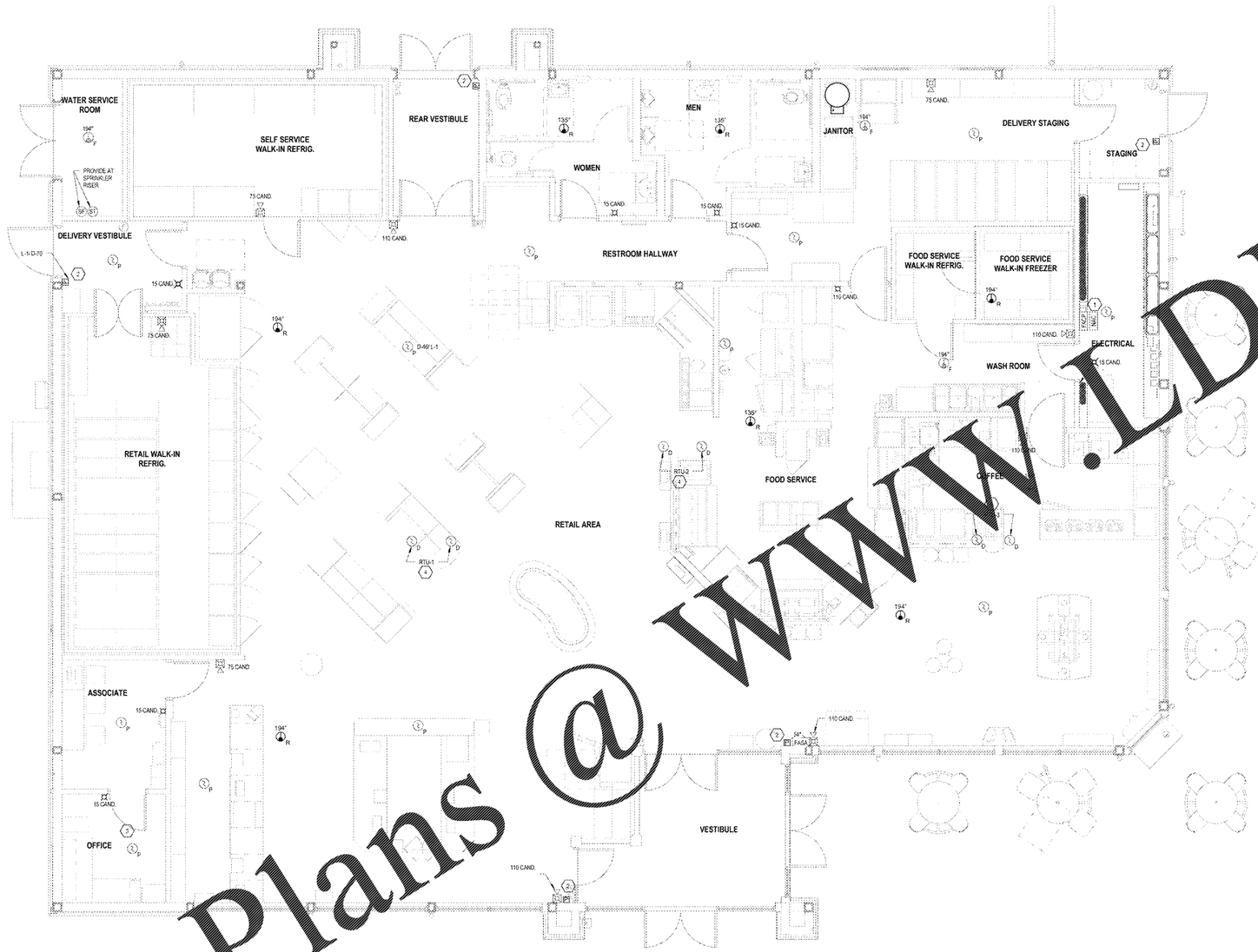


1 FIRE ALARM DEVICE PLAN
E8 1/4" = 1'-0"

LEGEND

194° R — HEAT DETECTOR - RATE OF RISE	FACP — FIRE ALARM CONTROL PANEL
194° F — HEAT DETECTOR - FIXED TEMP.	FASA — FIRE ALARM SYSTEM ANNUNCIATOR
P — PHOTOELECTRIC SMOKE DETECTOR	NAC — NOTIFICATION APPLIANCE CERT.
FDH — FIRE ALARM HORN/STROBE, ANNUN.	D — RTU MOUNTED SMOKE DETECTOR
FIRE ALARM STROBE	SP — SPRINKLER FLOW
P — FIRE ALARM PULL STATION	ST — SPRINKLER TAMPER
	EOL — END OF LINE

GENERAL NOTES:

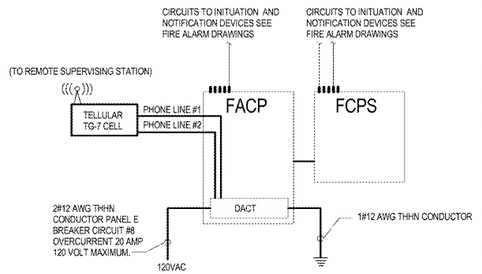
1. FIRE ALARM SYSTEM INSTALLED BY OTHERS. PROVIDE 3/4" CONDUIT FOR HORN AND PULL STATIONS FROM ALL HORN & STROBES LOCATIONS.
2. FIRE ALARM CONTROL PANEL TO BE MOUNTED 96" AFF.
3. UNLESS OTHERWISE NOTED, MOUNT PULL STATIONS AT 48" AFF AND HORNS TO 94".
4. EACH FIRE ZONE DEVICE SHALL BE WIRED WITH 18 GUAGE/ 2 PAIR RED FIRE WIRE.
5. SPRINKLER TAMPER AND FLOW SWITHCES ONLY USED IF REQUIRED BY AHJ. SEE ELECTRICAL CONDUIT PLAN FOR CONDUIT TO TAMPER AND FLOW SWITCHES ON BACKFLOW PREVENTER IF REQUIRED BY AHJ.
6. ALL FIRE ALARM HORN/STROBES SHALL BE WIRED WITH 16 GUAGE/ 2 PAIR RED FIRE WIRE WHEN NOT USING SILENT KNIGHT 5495 POWER SUPPLY.
7. CONNECTION BETWEEN SECURITY CAMERA SYSTEM AND FIRE ALARM SYSTEM PANEL SHALL BE A 22 GUAGE/ 2 PAIR.
8. DRAWING IS FOR INFORMATION PURPOSES ONLY. FINAL FIRE ALARM PLAN TO BE PROVIDED BY A LICENSED CONTRACTOR.

KEYNOTES: (X)

1. FIRE ALARM CONTROL PANEL TO BE MOUNTED 96" AFF. PROVIDE 1" CONDUIT FROM FIRE ALARM CONTROL PANEL TO SECURITY PANEL LOCATED IN THIS ELECTRICAL ROOM.
2. FIRE ALARM PULL STATION SHALL BE NOT LESS THAN 3'-6" (1.1M) AND NOT MORE THAN 4'-6" (1.5M) AFF. PROVIDE PROTECTIVE COVER TO PREVENT ACCIDENTAL INITIATION.
3. FOR EXACT LOCATION OF ALL DEVICES IN MANAGER'S OFFICE, RE ARCHITETURAL ELEVATIONS SHEET.
4. FACTORY INSTALLED SMOKE DETECTOR IN MAIN SUPPLY AND RETURN OF EACH ROOF TOP UNIT.

FLORIDA ADMINISTRATIVE CODE CHAPTER 61G15-32 NOTES

1. ALL FIRE PROTECTION SYSTEM CONTROL VALVES SHALL BE PROVIDED WITH TAMPER SWITCHES AND INTERFACE WITH THE FACP ON THE SUPERVISORY CIRCUIT. ALL FLOW SWITCHES SHALL INTERFACE WITH THE FACP ON THE ALARM CIRCUIT.
2. FIRE ALARM CONTROL PANEL TO BE MOUNTED 96" AFF. PROVIDE 1" CONDUIT FROM FIRE ALARM CONTROL PANEL TO SECURITY PANEL LOCATED IN THIS ELECTRICAL ROOM. FIRE ALARM PULL STATION SHALL BE NOT LESS THAN 3'-6" (1.1M) AND NOT MORE THAN 4'-6" (1.5M) AFF. PROVIDE PROTECTIVE COVER TO PREVENT ACCIDENTAL INITIATION. FOR EXACT LOCATION OF ALL DEVICES IN MANAGER'S OFFICE, SEE ARCHITECTURAL ELEVATIONS SHEET. FACTORY INSTALLED SMOKE DETECTOR IN MAIN SUPPLY AND RETURN OF EACH ROOF TOP UNIT.
3. THE FIRE ALARM SYSTEM SCOPE OF WORK SHALL INCLUDE THE PREPARATION AND DESIGN OF THE FIRE ALARM SYSTEM LAYOUT DOCUMENTS (WORKING PLANS). PROVIDE ALL EQUIPMENT, MATERIALS, COMPONENTS, ASSEMBLIES AND SUPPORT SYSTEMS REQUIRED, AS DESCRIBED, IN NFPA 72. THE FIRE ALARM CONTRACTOR SHALL BACKUP BATTERY CALCULATIONS FOR THE DESIGN OF THE FIRE ALARM SYSTEM.
4. THE FIRE ALARM DESIGN, CALCULATIONS, INSTALLATION AND THE ACCEPTANCE TESTING OF THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 72, THE FLORIDA BUILDING CODE (2017) AND THE FLORIDA FIRE PREVENTION CODE (2017) AND ALL LOCAL CODES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
5. THE FIRE ALARM CONTRACTOR SHALL PREPARE AND PROVIDE SIGNED AND SEALED FIRE ALARM SYSTEM LAYOUT DOCUMENTS WITH BACKUP BATTERY CALCULATIONS AND SHALL BE THE ENGINEER OF RECORD. SIGNED AND SEALED FIRE ALARM SYSTEM LAYOUT DOCUMENTS WITH BACKUP BATTERY CALCULATIONS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND THE LOCAL AHJ FOR ACCEPTANCE PRIOR TO PERMITTING.
6. THE FIRE ALARM CONTRACTOR SHALL PREPARE AND PROVIDE SIGNED AND SEALED FIRE ALARM SYSTEM LAYOUT DOCUMENTS WITH BACKUP BATTERY CALCULATIONS AND SHALL BE THE ENGINEER OF RECORD. SIGNED AND SEALED FIRE ALARM SYSTEM LAYOUT DOCUMENTS WITH BACKUP BATTERY CALCULATIONS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND THE LOCAL AHJ FOR ACCEPTANCE PRIOR TO PERMITTING.



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HUDSON, FL 34669

SHEET TITLE
FIRE ALARM SPECIFICATIONS PLAN

Revision Schedule		
No	Description	Date
	PERMIT SET	03/23/2017
	PRE-BID REVIEW SET	06/09/2018
A	REV 2018.01	09/18/2018
	BID SET	09/19/2018

PROJECT NO. 2161082
DATE 03-31-2017
DRAWN MCS
CHECKED DFW

E8

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