

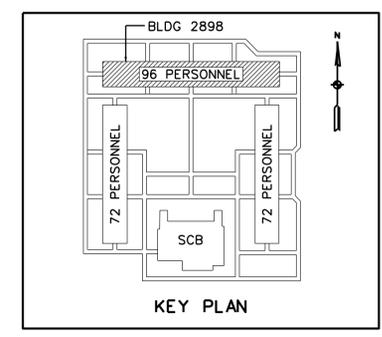
**1** EXISTING FIRE ALARM SYSTEM (1ST FLOOR  
 PLAN) - DEMOLITION NO SCALE  
 E1 NOTES ARE APPLIED TO WHOLE BUILDING

**SPECIAL ELECTRICAL KEYED NOTES:**

- 1 THE CURRENTLY INSTALLED FIRE ALARM SYSTEM IN BUILDING 9142 HAS REACHED ITS LIMITATIONS; THEREFORE, THIS PROJECT IS TO REPLACE THE ENTIRE EXISTING FIRE ALARM SYSTEM WITH NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS IN THE BUILDING. THE NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS ARE REQUIRED TO MEET THE CURRENT UFC 3-600-01 (CHANGE 6) FIRE PROTECTION ENGINEERING FOR FACILITIES, UFC 4-010-01 DOD MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS, UFC 4-021-01 DESIGN AND O&M OF MASS NOTIFICATION SYSTEMS, AR 420-1 ARMY REGULATION, AND ALL THE APPLICABLE (NFPA) CODES AND STANDARDS REQUIREMENTS. THIS IS CONSIDERED TO BE A MAJOR FIRE ALARM AND MASS NOTIFICATION SYSTEMS REPLACEMENT PROJECT.
- 2 CONTRACTOR SHALL PROVIDE A NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS DESIGN IN AUTOCAD FORMAT AND SUBMITTAL THE 65% AND 95% DESIGN DRAWINGS AND SPECIFICATIONS FOR THE GOVERNMENT APPROVAL. THE 100% DESIGN SUBMITTAL AND ENGINEERED AS-BUILT CONSTRUCTION DOCUMENTS SHALL INCLUDE ALL FINAL DESIGN MATERIALS, MODIFICATIONS AND REVISIONS DURING THE CONSTRUCTION PROCESS.
- 3 REPLACE ALL EXISTING FIRE ALARM DEVICES FROM BUILDING 2898 WITH THE FIRE ALARM DEVICES THAT ARE COMPATIBLE WITH THE NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL AS INDICATED ON THE DRAWINGS (LOCATION OF THE FACP AND MNS WILL SHOW ON THE OTHER DRAWING SHEET).
- 4 CONTRACTOR CAN REUSE EXISTING CONDUITS IF PAINTED RED. PROVIDE AND INSTALL NEW WIRING/FIRE ALARM CABLES TO MEET THE FOLLOWING REQUIREMENTS: 1) THE WIRING MUST BE CLASS X WITH SINGLE FAULT ON A PATHWAY CONNECTED TO THE ADDRESSABLE DEVICES AND MUST BE IN VERY GOOD CONDITION. 2) PULL ALL CONDUCTORS SPLICE FREE; CONDUCTOR MUST BE CONTINUOUS FROM DEVICE TO DEVICE. THE USE OF WIRE NUTS, CRIMPED CONNECTORS, OR TWISTING OF CONDUCTORS IS PROHIBITED. 3) ALL SIGNALING LINE CIRCUITS MUST BE 18 AWG. INITIATING DEVICE AND NOTIFICATION APPLIANCE CIRCUITS MUST BE MINIMUM 16 AWG. CONTRACTOR IS REQUIRED TO PROVIDE A WORKABLE FIRE ALARM AND MASS NOTIFICATION SYSTEM TO THE GOVERNMENT.
- 5 REMOVE AND REPLACE EXISTING PULL STATIONS, WALLMOUNTED SMOKE DETECTORS WITH HORN, WALL MOUNTED STROBES, DUAL ALARM HORN AND STROBES, WALL MOUNTED HEAT DETECTORS, AND ELECTRO-MAGNETIC DOOR HOLD-OPEN DEVICES WITH NEW FIRE ALARM DEVICES AND CABLES.

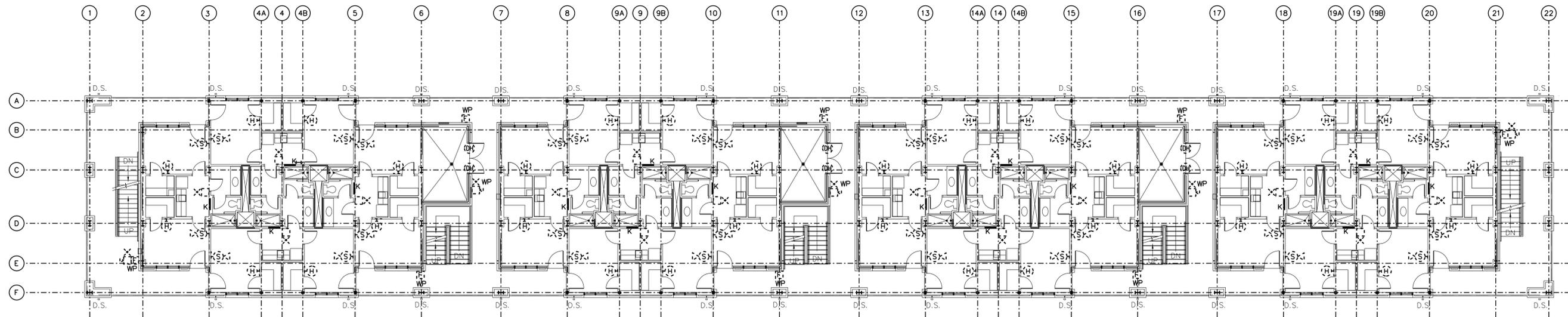
**LEGEN**

- REMOVE MANUAL PULL STATION
- REMOVE WALL MOUNTED SMOKE DETECTOR WITH HORN
- REMOVE WALL MOUNTED STROBE
- REMOVE DUAL ALARM HORN AND STROBE
- REMOVE ELECTROMAGNETIC DOOR HOLD-OPEN DEVICE
- REMOVE WALL MOUNTED HEAT DETECTOR



35% DESIGN  
 BID DOCUMENTS

<b>EXISTING FIRE ALARM SYSTEM (1ST FLOOR PLAN) - DEMOLITION</b>			
<b>DIRECTORATE OF PUBLIC WORKS FORT BENNING, GEORGIA</b>			
REPLACE FIRE ALARM SYSTEM, BARRACKS, BUILDING 2898 FORT BENNING, GEORGIA			
DRAWN BY	K. CHAN	DRAWING NUMBER	44572-E1
APPROVED	J.C. VANTLAND	SCALE NOTED	DATE
			18 SEP 25
SYMBOL	DATE	REVISIONS	



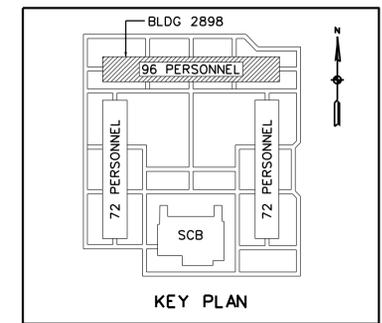
**1** EXISTING FIRE ALARM SYSTEM (2ND FLOOR  
 PLAN) - DEMOLITION NO SCALE  
 E2 NOTES ARE APPLIED TO WHOLE BUILDING

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**LEGEN**

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- REMOVE ELECTROMAGNETIC DOOR HOLD-OPEN DEVICE
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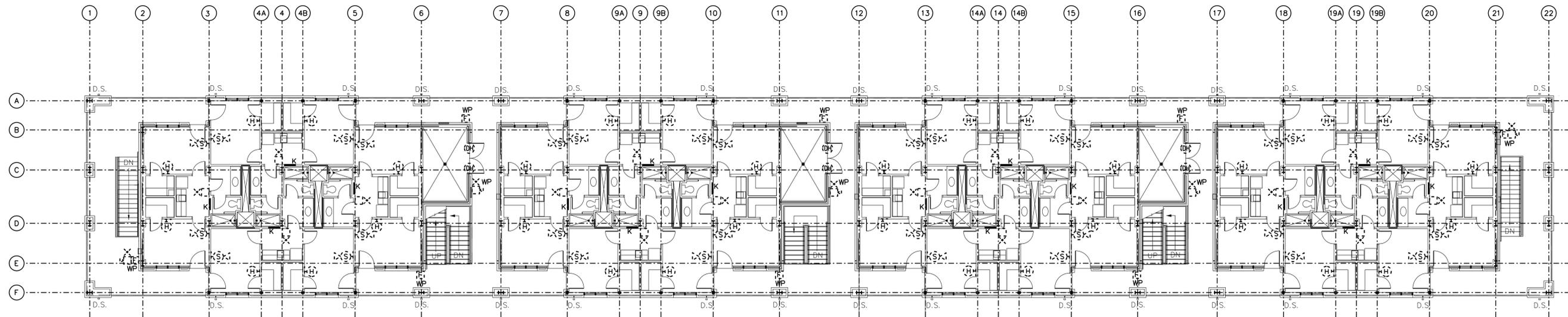
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 BID DOCUMENTS

**EXISTING FIRE ALARM SYSTEM (2ND FLOOR PLAN) - DEMOLITION**

**DIRECTORATE OF PUBLIC WORKS  
 FORT BENNING, GEORGIA**

REPLACE FIRE ALARM SYSTEM,  
 BARRACKS, BUILDING 2898  
 FORT BENNING, GEORGIA

DRAWN BY K. CHAN	DRAWING NUMBER <b>44572-E2</b>	SCALE NOTED
APPROVED J.C. VANTLAND	L&E NO.:	DATE 18 SEP 25



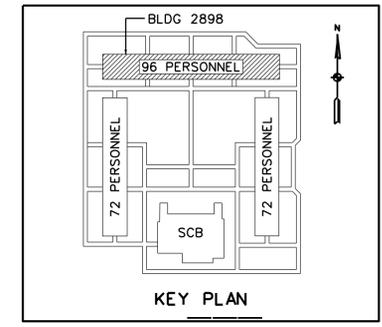
**1** EXISTING FIRE ALARM SYSTEM (3RD FLOOR  
 PLAN) - DEMOLITION NO SCALE  
 E3 1 2 3 4 5 NOTES ARE APPLIED TO WHOLE BUILDING

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**LEGEN**

- REMOVE MANUAL PULL STATION
- REMOVE WALL MOUNTED SMOKE DETECTOR WITH HORN
- REMOVE WALL MOUNTED STROBE
- REMOVE DUAL ALARM HORN AND STROBE
- REMOVE ELECTROMAGNETIC DOOR HOLD-OPEN DEVICE
- REMOVE WALL MOUNTED HEAT DETECTOR



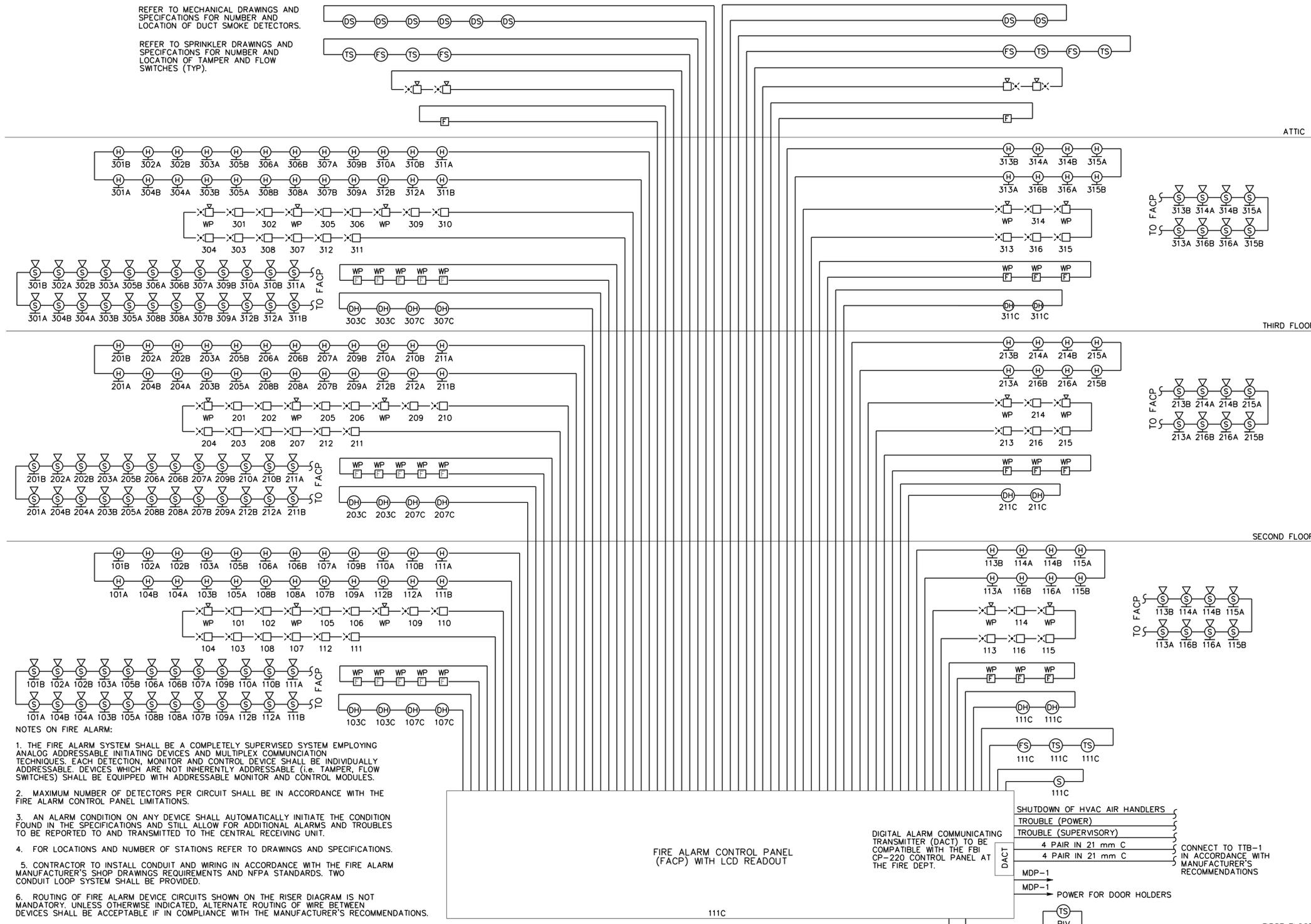
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 BID DOCUMENTS

<b>EXISTING FIRE ALARM SYSTEM (3RD FLOOR PLAN) - DEMOLITION</b>			
<b>DIRECTORATE OF PUBLIC WORKS FORT BENNING, GEORGIA</b>			
REPLACE FIRE ALARM SYSTEM, BARRACKS, BUILDING 2898 FORT BENNING, GEORGIA			
DRAWN BY K. CHAN	DRAWING NUMBER <b>44572-E3</b>	SCALE NOTED	
APPROVED J.C. VANTLAND	DATE 18 SEP 25	L&E NO:	



REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR NUMBER AND LOCATION OF DUCT SMOKE DETECTORS.

REFER TO SPRINKLER DRAWINGS AND SPECIFICATIONS FOR NUMBER AND LOCATION OF TAMPER AND FLOW SWITCHES (TYP).



**SPECIAL ELECTRICAL KEYED NOTE:**

- 1 REMOVE AND REPLACE ALL EXISTING FIRE ALARM DEVICES (SUCH AS MANUAL PULL STATION, SINGLE PROJECTION ALARM HORN WITH STROBE, WALL MOUNTED STROBE, FIRE ALARM CONTROL PANEL, WALL MOUNTED SMOKE DETECTOR, WALL MOUNTED HEAT DETECTOR, DUCT MOUNTED SMOKE DETECTOR, FLOW SWITCH, AND ELECTROMAGNETIC DOOR HOLD-OPEN DEVICES) WITH NEW FIRE ALARM DEVICES AND NEW FIRE ALARM CABLES.

35% DESIGN  
BID DOCUMENTS

- NOTES ON FIRE ALARM:
1. THE FIRE ALARM SYSTEM SHALL BE A COMPLETELY SUPERVISED SYSTEM EMPLOYING ANALOG ADDRESSABLE INITIATING DEVICES AND MULTIPLEX COMMUNICATION TECHNIQUES. EACH DETECTION, MONITOR AND CONTROL DEVICE SHALL BE INDIVIDUALLY ADDRESSABLE. DEVICES WHICH ARE NOT INHERENTLY ADDRESSABLE (I.E. TAMPER, FLOW SWITCHES) SHALL BE EQUIPPED WITH ADDRESSABLE MONITOR AND CONTROL MODULES.
  2. MAXIMUM NUMBER OF DETECTORS PER CIRCUIT SHALL BE IN ACCORDANCE WITH THE FIRE ALARM CONTROL PANEL LIMITATIONS.
  3. AN ALARM CONDITION ON ANY DEVICE SHALL AUTOMATICALLY INITIATE THE CONDITION FOUND IN THE SPECIFICATIONS AND STILL ALLOW FOR ADDITIONAL ALARMS AND TROUBLES TO BE REPORTED TO AND TRANSMITTED TO THE CENTRAL RECEIVING UNIT.
  4. FOR LOCATIONS AND NUMBER OF STATIONS REFER TO DRAWINGS AND SPECIFICATIONS.
  5. CONTRACTOR TO INSTALL CONDUIT AND WIRING IN ACCORDANCE WITH THE FIRE ALARM MANUFACTURER'S SHOP DRAWINGS REQUIREMENTS AND NFPA STANDARDS. TWO CONDUIT LOOP SYSTEM SHALL BE PROVIDED.
  6. ROUTING OF FIRE ALARM DEVICE CIRCUITS SHOWN ON THE RISER DIAGRAM IS NOT MANDATORY. UNLESS OTHERWISE INDICATED, ALTERNATE ROUTING OF WIRE BETWEEN DEVICES SHALL BE ACCEPTABLE IF IN COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
  7. ALL ADDRESSABLE DEVICES EXCEPT ROOM SMOKE DETECTORS SHALL TRANSMIT THEIR ALARMS AND/OR TROUBLES TO THE FIRE DEPARTMENT OR AS DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE.
  8. ACTIVATION OF INDIVIDUAL SMOKE DETECTOR WILL ALARM IN AFFECTED LIVING/SLEEPING ROOM ONLY AND DOES NOT ACTIVATE THE BUILDING FIRE ALARM SYSTEM. WHEN THE BUILDING FIRE ALARM SYSTEM IS IN ALARM, ALL LIVING/SLEEPING ROOM SMOKE DETECTORS HORNS/SOUNDERS AND THE BUILDING FIRE ALARM HORNS WILL SOUND.

**1** EXISTING FIRE ALARM RISER DIAGRAM  
ES (DEMOLITION) (BLDG 2898) 1

DIGITAL ALARM COMMUNICATING TRANSMITTER (DACT) TO BE COMPATIBLE WITH THE FBI CP-220 CONTROL PANEL AT THE FIRE DEPT.

SHUTDOWN OF HVAC AIR HANDLERS  
TROUBLE (POWER)  
TROUBLE (SUPERVISORY)  
4 PAIR IN 21 mm C  
4 PAIR IN 21 mm C  
CONNECT TO ITB-1 IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

MDP-1  
MDP-1  
POWER FOR DOOR HOLDERS

111C  
111C  
111C

TS  
PIV

PROVIDE PIPE SLEEVES FOR COMMUNICATIONS ENTRANCE AND EXIT CONDUITS THROUGH THE FOUNDATION WALL AT THE TIME OF THE CONSTRUCTION OF THE FOUNDATION WALLS. NO DRILLING OR PUNCHING THROUGH THE FOUNDATION WALL WILL BE ALLOWED.

EXISTING FIRE ALARM RISER DIAGRAM (DEMOLITION)

**DIRECTORATE OF PUBLIC WORKS**  
FORT BENNING, GEORGIA

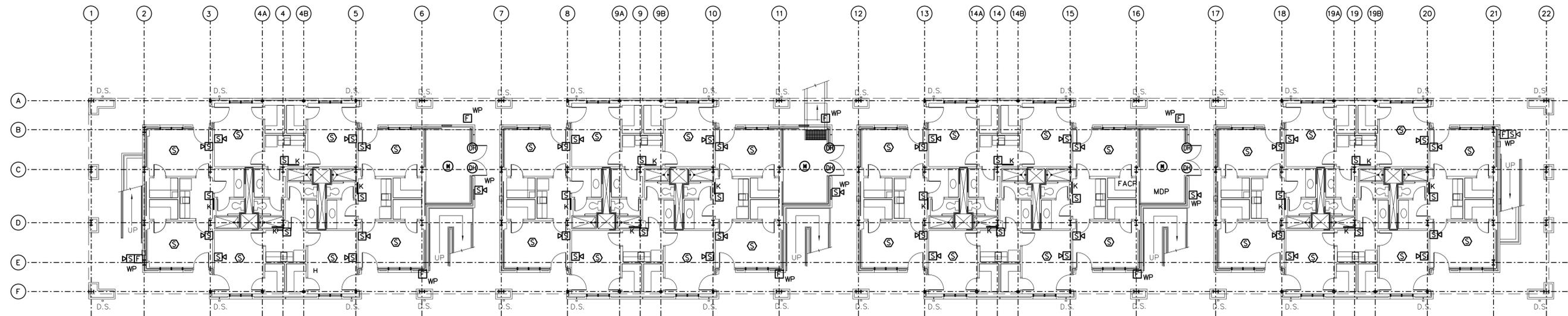
REPLACE FIRE ALARM SYSTEM,  
BARRACKS, BUILDING 2898  
FORT BENNING, GEORGIA

BY	DATE	REVISIONS
SYMBOL		

DRAWN BY: K. CHAN  
APPROVED: J.C. VANTLAND

DRAWING NUMBER: **44572-E5**

SCALE NOTED: DATE 18 SEP 25



**1** NEW FIRE ALARM SYSTEM  
 (1ST FLOOR PLAN) 1 2 3 4 5 6 7 8 — NO SCALE  
 E6 — NOTES ARE APPLIED TO WHOLE BUILDING

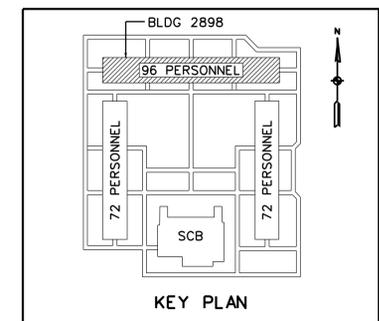
**SPECIAL ELECTRICAL KEYED NOTES:**

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- 2 PROVIDE AND INSTALL LOCAL OPERATING CONSOLES (LOC) AS REQUIRED BY UFC. SEE SCOPE OF WORK FOR DETAILS.
- 3 PROVIDE AND INSTALL FA/MNS SPEAKERS MOUNTED ON THE EXTERIOR BUILDING WALLS.
- 4 PROVIDE AND INSTALL FA/MNS SPEAKERS MOUNTED ON THE EXTERIOR WALL AROUND THE BUILDING AT THE ENTRANCES /EXITS AND OUTDOOR AREAS (SUCH AS COURTYARDS, COVERED BREAK AREAS, DESIGNATED SMOKING AREAS, AND SIDE-WALK LEADING FROM THE BUILDING'S EXIT DOORS TO A PUBLIC STREET OR FROM PARKING AREAS FOR A DISTANCE UP TO 16 FOOT FROM THE BUILDING) COMMONLY USED BY THE BUILDING OCCUPANTS.
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- 6 REPLACE ALL EXISTING FIRE ALARM DEVICES FROM BUILDING 2898 WITH THE NEW FIRE ALARM DEVICES THAT ARE COMPATIBLE WITH THE NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL AS INDICATED ON THE DRAWING SHEETS.
- 7 PROVIDE AND INSTALL A NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL IN THIS LOCATION. MOUNT THE FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL ON A NEW 6'x8' TELECOM BACKBOARD WITH 3/4" THICK FIRE RETARDANT PLYWOOD. CONTRACTORS SHALL VISIT THE SITE TO DETERMINE THE FINAL LOCATIONS FOR THE NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION SYSTEM.
- 8 PROVIDE AND INSTALL NEW MANUAL PULL STATIONS, NEW SMOKE DETECTORS, NEW DUAL STROBES AND SPEAKERS, NEW PHOTOELECTRIC SMOKE DETECTORS, NEW HEAT DETECTORS, NEW ELECTROMAGNETIC DOOR HOLD AND OPEN DEVICES, NEW FLOW SWITCHES, FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION SYSTEM AS INDICATED ON THE DRAWINGS.

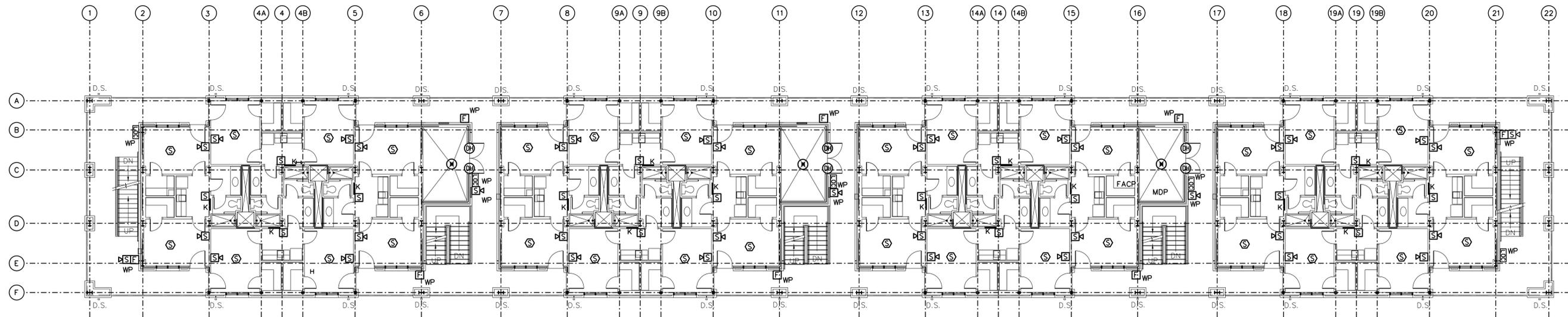
**LEGEN**

- F NEW MANUAL PULL STATION
- S NEW SMOKE DETECTOR
- LOC NEW LOCAL OPERATING CONSOLE
- S4 NEW DUAL STROBES AND SPEAKER
- S NEW PHOTOELECTRIC SMOKE DETECTOR
- FACP NEW FIRE ALARM CONTROL PANEL
- MNS NEW MASS NOTIFICATION SYSTEM
- MD NEW ELECTROMAGNETIC DOOR HOLD AND OPEN DEVICES
- H HEAT DETECTOR

35% DESIGN  
 BID DOCUMENTS



NEW FIRE ALARM SYSTEM - 1ST FLOOR PLAN			
<b>DIRECTORATE OF PUBLIC WORKS FORT BENNING, GEORGIA</b>			
REPLACE FIRE ALARM SYSTEM, BARRACKS, BUILDING 2898 FORT BENNING, GEORGIA			
DRAWN BY K. CHAN	DRAWING NUMBER <b>44572-E6</b>	SCALE NOTED	
APPROVED J.C. VANTLAND	L&E NO:	DATE 18 SEP 25	



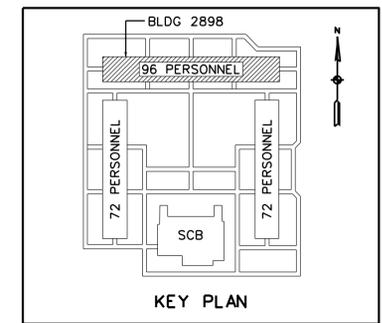
**1** NEW FIRE ALARM SYSTEM  
 (2ND FLOOR PLAN) 1 2 3 4 5 6 7 8 — NO SCALE  
 NOTES ARE APPLIED TO WHOLE BUILDING

**SPECIAL ELECTRICAL KEYED NOTES:**

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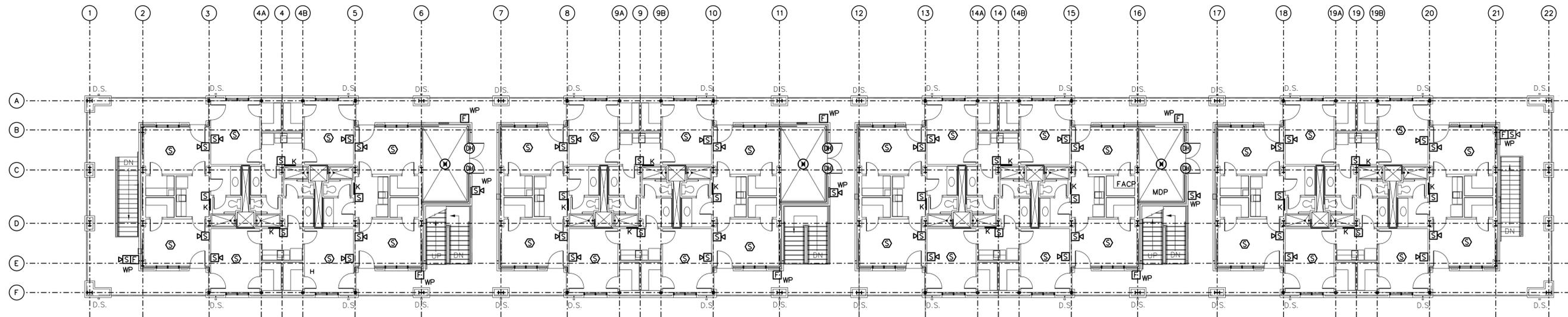
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- LOC NEW LOCAL OPERATING CONSOLE
- S NEW DUAL STROBES AND SPEAKER
- S NEW PHOTOELECTRIC SMOKE DETECTOR
- EH ELECTROMAGNETIC DOOR HOLD AND OPEN DEVICES
- H HEAT DETECTOR



35% DESIGN BID DOCUMENTS

**NEW FIRE ALARM SYSTEM - 2ND FLOOR PLAN**

DRAWN BY K. CHAN APPROVED J.C. VANTLAND		DRAWING NUMBER <b>44572-E7</b>		SCALE NOTED
		REPLACE FIRE ALARM SYSTEM, BARRACKS, BUILDING 2898 FORT BENNING, GEORGIA		DATE 18 SEP 25
SYMBOL	DATE	REVISIONS	L&E NO:	



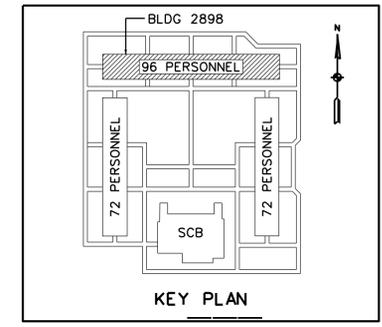
**1 NEW FIRE ALARM SYSTEM**  
 (3RD FLOOR PLAN) 1 2 3 4 5 6 7 8 — NO SCALE  
 NOTES ARE APPLIED TO WHOLE BUILDING

**SPECIAL ELECTRICAL KEYED NOTES:**

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- 4 PROVIDE AND INSTALL FA/MNS SPEAKERS MOUNTED ON THE EXTERIOR WALL AROUND THE BUILDING AT THE ENTRANCES /EXITS AND OUTDOOR AREAS (SUCH AS COURTYARDS, COVERED BREAK AREAS, DESIGNATED SMOKING AREAS, AND SIDE-WALK LEADING FROM THE BUILDING'S EXIT DOORS TO A PUBLIC STREET OR FROM PARKING AREAS FOR A DISTANCE UP TO 16 FOOT FROM THE BUILDING) COMMONLY USED BY THE BUILDING OCCUPANTS.
- 5 CONTRACTOR SHALL PROVIDE A NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS DESIGN IN AUTOCAD FORMAT AND SUBMITTAL THE 65% AND 95% DESIGN DRAWINGS AND SPECIFICATIONS FOR THE GOVERNMENT APPROVAL. THE 100% DESIGN SUBMITTAL AND ENGINEERED AS-BUILT CONSTRUCTION DOCUMENTS SHALL INCLUDE ALL FINAL DESIGN MATERIALS, MODIFICATIONS AND REVISIONS DURING THE CONSTRUCTION PROCESS. THE ACCEPTABLE AS-BUILT DRAWINGS MUST HAVE TO SHOW ALL THE CIRCUITS (SUCH AS SIGNALING LINE CIRCUITS, INITIATING DEVICE AND NOTIFICATION APPLIANCE CIRCUITS) CONNECTED TO THE FIRE ALARM AND MASS NOTIFICATION SYSTEMS.
- 6 REPLACE ALL EXISTING FIRE ALARM DEVICES FROM BUILDING 2898 WITH THE NEW FIRE ALARM DEVICES THAT ARE COMPATIBLE WITH THE NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL AS INDICATED ON THE DRAWING SHEETS.
- 7 PROVIDE AND INSTALL A NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL IN THIS LOCATION. MOUNT THE FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL ON A NEW 6'x8' TELECOM BACKBOARD WITH 3/4" THICK FIRE RETARDANT PLYWOOD. CONTRACTORS SHALL VISIT THE SITE TO DETERMINE THE FINAL LOCATIONS FOR THE NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION SYSTEM.
- 8 PROVIDE AND INSTALL NEW MANUAL PULL STATIONS, NEW SMOKE DETECTORS, NEW DUAL STROBES AND SPEAKERS, NEW PHOTOELECTRIC SMOKE DETECTORS, NEW HEAT DETECTOR, NEW ELECTROMAGNETIC DOOR HOLD AND OPEN DEVICES AS INDICATED ON THE DRAWINGS.

**LEGEN**

- F NEW MANUAL PULL STATION
- S NEW SMOKE DETECTOR
- S NEW DUAL STROBES AND SPEAKER
- S NEW PHOTOELECTRIC SMOKE DETECTOR
- OH ELECTROMAGNETIC DOOR HOLD AND OPEN DEVICES
- H HEAT DETECTOR



35% DESIGN  
 BID DOCUMENTS

**NEW FIRE ALARM SYSTEM - 3RD FLOOR PLAN**

**DIRECTORATE OF PUBLIC WORKS**  
**FORT BENNING, GEORGIA**

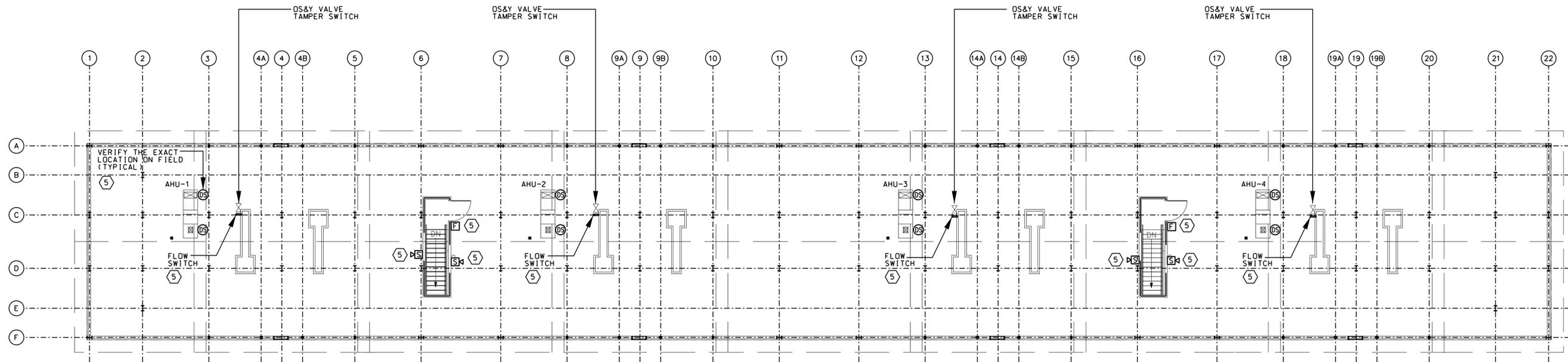
REPLACE FIRE ALARM SYSTEM,  
 BARRACKS, BUILDING 2898  
 FORT BENNING, GEORGIA

BY	DATE	REVISIONS
SYMBOL	DATE	REVISIONS

DRAWN BY: K. CHAN  
 APPROVED: J.C. VANTLAND

DRAWING NUMBER: **44572-E8**

SCALE NOTED: 18 SEP 25



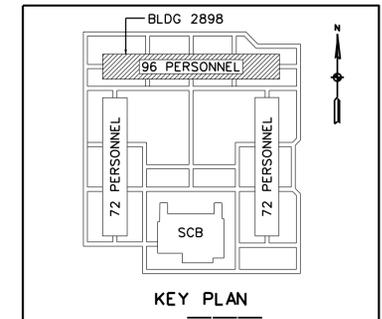
1 NEW FIRE ALARM SYSTEM  
 (ATTIC FLOOR PLAN) - NEW WORK

**SPECIAL ELECTRICAL KEYED NOTES:**

- 1 THE CURRENTLY INSTALLED FIRE ALARM SYSTEM IN BUILDING 9142 HAS REACHED ITS LIMITATIONS; THEREFORE, THIS PROJECT IS TO REPLACE THE ENTIRE EXISTING FIRE ALARM SYSTEM WITH NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS IN THE BUILDING. THE NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS ARE REQUIRED TO MEET THE CURRENT UFC 3-600-01 (CHANGE 6) FIRE PROTECTION ENGINEERING FOR FACILITIES, UFC 4-010-01 DOD MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS, UFC 4-021-01 DESIGN AND O&M OF MASS NOTIFICATION SYSTEMS, AR 420-1 ARMY REGULATION, AND ALL THE APPLICABLE (NFPA) CODES AND STANDARDS REQUIREMENTS. THIS IS CONSIDERED TO BE A MAJOR FIRE ALARM AND MASS NOTIFICATION SYSTEMS REPLACEMENT PROJECT.
- 2 CONTRACTOR SHALL PROVIDE A NEW FIRE ALARM AND MASS NOTIFICATION SYSTEMS DESIGN IN AUTOCAD FORMAT AND SUBMITTAL THE 65% AND 95% DESIGN DRAWINGS AND SPECIFICATIONS FOR THE GOVERNMENT APPROVAL. THE 100% DESIGN SUBMITTAL AND ENGINEERED AS-BUILT CONSTRUCTION DOCUMENTS SHALL INCLUDE ALL FINAL DESIGN MATERIALS, MODIFICATIONS AND REVISIONS DURING THE CONSTRUCTION PROCESS.
- 3 REPLACE ALL EXISTING FIRE ALARM DEVICES FROM BUILDING 2898 WITH THE NEW FIRE ALARM DEVICES THAT ARE COMPATIBLE WITH THE NEW FIRE ALARM CONTROL PANEL AND MASS NOTIFICATION PANEL AS INDICATED ON THE DRAWINGS (LOCATION OF THE FACP AND MNS WILL SHOW ON THE OTHER DRAWING SHEET).
- 4 CONTRACTOR CAN REUSE EXISTING CONDUITS IF REMOVAL WOULD RESULT IN DEMOLISHING WALLS, CEILINGS, CONCRETE SLABS, AND SO ON. THE REUSED CONDUITS SHALL MEET ALL THE CURRENT FORT BENNING FIRE DEPARTMENT CODES AND REQUIREMENTS.
- 5 PROVIDE AND INSTALL NEW MANUAL PULL STATIONS, DUCT MOUNTED SMOKE DETECTORS, NEW FLOW SWITCHES, DUAL ALARM HORN AND STROBES AS INDICATED ON THE DRAWINGS. PROVIDE AND INSTALL THE NEW FIRE ALARM CABLES FOR ALL THE FIRE ALARM DEVICES.

**LEGEN**

- F NEW MANUAL PULL STATION
- OS NEW DUCT MOUNTED SMOKE DETECTOR
- NEW FLOW SWITCH
- S4 NEW DUAL ALARM HORN AND STROBE

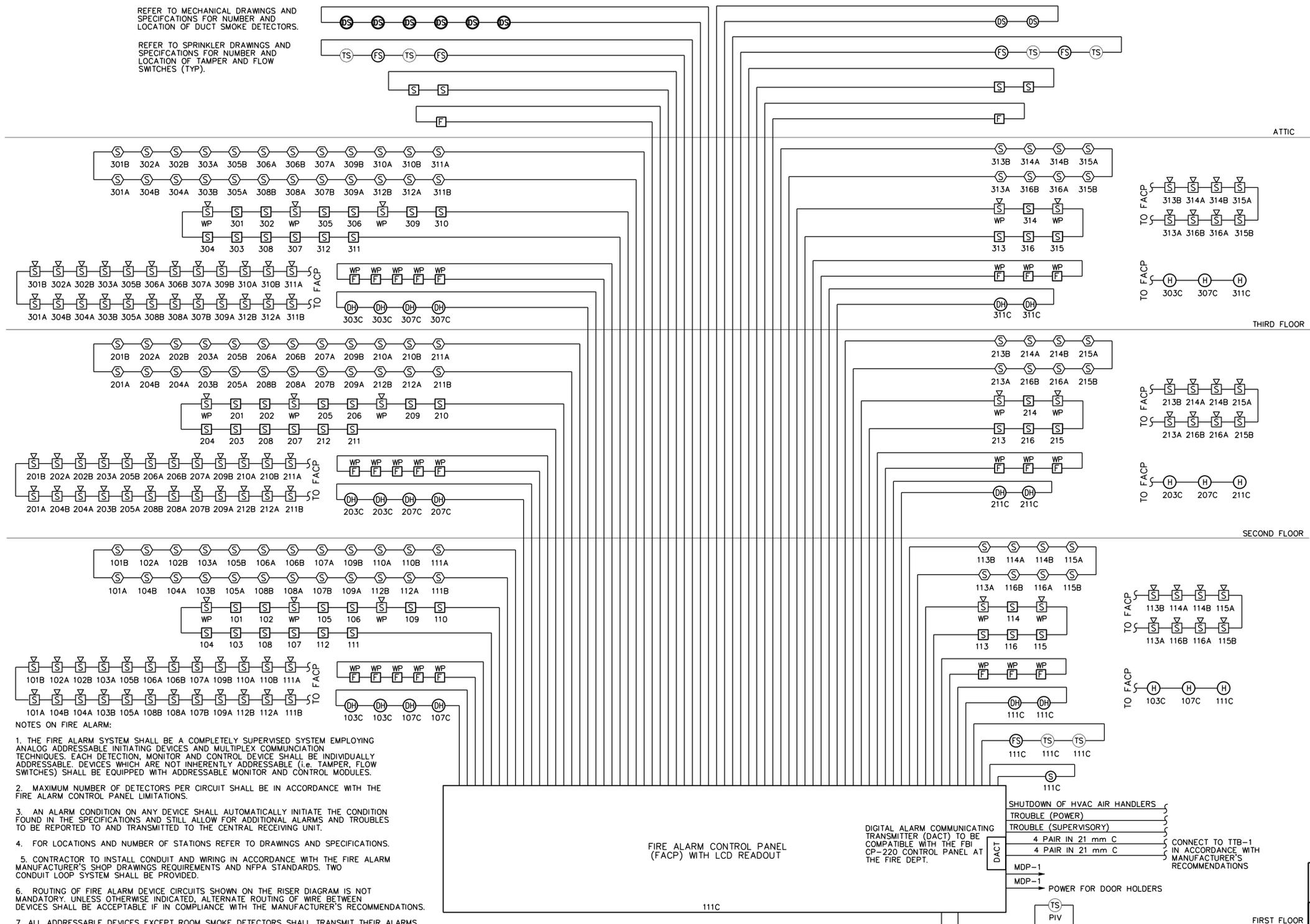


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NEW FIRE ALARM SYSTEM (ATTIC FLOOR PLAN) - NEW WORK	
<b>DIRECTORATE OF PUBLIC WORKS FORT BENNING, GEORGIA</b>	
REPLACE FIRE ALARM SYSTEM, BARRACKS, BUILDING 2898 FORT BENNING, GEORGIA	
DRAWN BY K. CHAN	DRAWING NUMBER <b>44572-E9</b>
APPROVED J.C. VANTLAND	SCALE NOTED DATE 18 SEP 25
L&E NO:	

REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR NUMBER AND LOCATION OF DUCT SMOKE DETECTORS.

REFER TO SPRINKLER DRAWINGS AND SPECIFICATIONS FOR NUMBER AND LOCATION OF TAMPER AND FLOW SWITCHES (TYP).



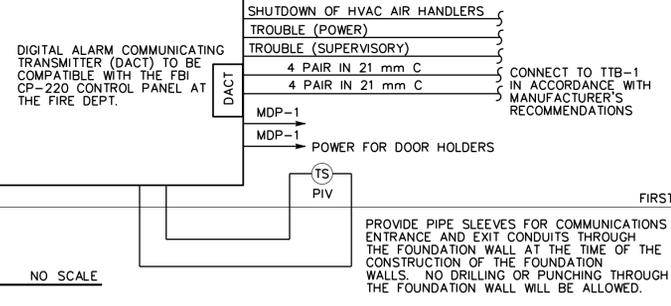
**KEYED NOTES:**

- 1 PROVIDE AND INSTALL NEW FIRE ALARM CONTROL PANEL (FACP), NEW LOCAL OPERATING CONSOLES (LOC), AND NEW MASS NOTIFICATION SYSTEM (MNS).
- 2 PROVIDE AND INSTALL NEW PULL STATIONS, NEW DUCT MOUNTED SMOKE DETECTORS, NEW FLOW SWITCHES, DUAL ALARM STROBES AND SPEAKERS, NEW SMOKE DETECTORS, NEW HEAT DETECTORS, NEW ELECTROMAGNETIC HOLD AND OPEN DEVICES, NEW LOCAL OPERATING CONSOLES, NEW FIRE ALARM CONTROL PANEL, AND MASS NOTIFICATION SYSTEM.
- 3 PROVIDE AND INSTALL NEW FIRE ALARM CABLES FOR ALL NEW FIRE ALARM DEVICES.

- NOTES ON FIRE ALARM:
1. THE FIRE ALARM SYSTEM SHALL BE A COMPLETELY SUPERVISED SYSTEM EMPLOYING ANALOG ADDRESSABLE INITIATING DEVICES AND MULTIPLEX COMMUNICATION TECHNIQUES. EACH DETECTION, MONITOR AND CONTROL DEVICE SHALL BE INDIVIDUALLY ADDRESSABLE. DEVICES WHICH ARE NOT INHERENTLY ADDRESSABLE (i.e. TAMPER, FLOW SWITCHES) SHALL BE EQUIPPED WITH ADDRESSABLE MONITOR AND CONTROL MODULES.
  2. MAXIMUM NUMBER OF DETECTORS PER CIRCUIT SHALL BE IN ACCORDANCE WITH THE FIRE ALARM CONTROL PANEL LIMITATIONS.
  3. AN ALARM CONDITION ON ANY DEVICE SHALL AUTOMATICALLY INITIATE THE CONDITION FOUND IN THE SPECIFICATIONS AND STILL ALLOW FOR ADDITIONAL ALARMS AND TROUBLES TO BE REPORTED TO AND TRANSMITTED TO THE CENTRAL RECEIVING UNIT.
  4. FOR LOCATIONS AND NUMBER OF STATIONS REFER TO DRAWINGS AND SPECIFICATIONS.
  5. CONTRACTOR TO INSTALL CONDUIT AND WIRING IN ACCORDANCE WITH THE FIRE ALARM MANUFACTURER'S SHOP DRAWINGS REQUIREMENTS AND NFPA STANDARDS. TWO CONDUIT LOOP SYSTEM SHALL BE PROVIDED.
  6. ROUTING OF FIRE ALARM DEVICE CIRCUITS SHOWN ON THE RISER DIAGRAM IS NOT MANDATORY. UNLESS OTHERWISE INDICATED, ALTERNATE ROUTING OF WIRE BETWEEN DEVICES SHALL BE ACCEPTABLE IF IN COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
  7. ALL ADDRESSABLE DEVICES EXCEPT ROOM SMOKE DETECTORS SHALL TRANSMIT THEIR ALARMS AND/OR TROUBLES TO THE FIRE DEPARTMENT OR AS DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE.
  8. ACTIVATION OF INDIVIDUAL SMOKE DETECTOR WILL ALARM IN AFFECTED LIVING/SLEEPING ROOM ONLY AND DOES NOT ACTIVATE THE BUILDING FIRE ALARM SYSTEM. WHEN THE BUILDING FIRE ALARM SYSTEM IS IN ALARM, ALL LIVING/SLEEPING ROOM SMOKE DETECTORS HORNS/SOUNDERS AND THE BUILDING FIRE ALARM HORNS WILL SOUND.

**1 NEW FIRE ALARM RISER**  
E10 1 2 3 NO SCALE

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**NEW FIRE ALARM RISER**

BY		DATE		REVISIONS
SYMBOL		DATE		
<b>DIRECTORATE OF PUBLIC WORKS FORT BENNING, GEORGIA</b>				
REPLACE FIRE ALARM SYSTEM, BARRACKS, BUILDING 2898 FORT BENNING, GEORGIA				
DRAWN BY K. CHAN	DRAWING NUMBER <b>44572-E10</b>		SCALE NOTED	
APPROVED J.C. VANTLAND	L&E NO:		DATE 18 SEP 25	