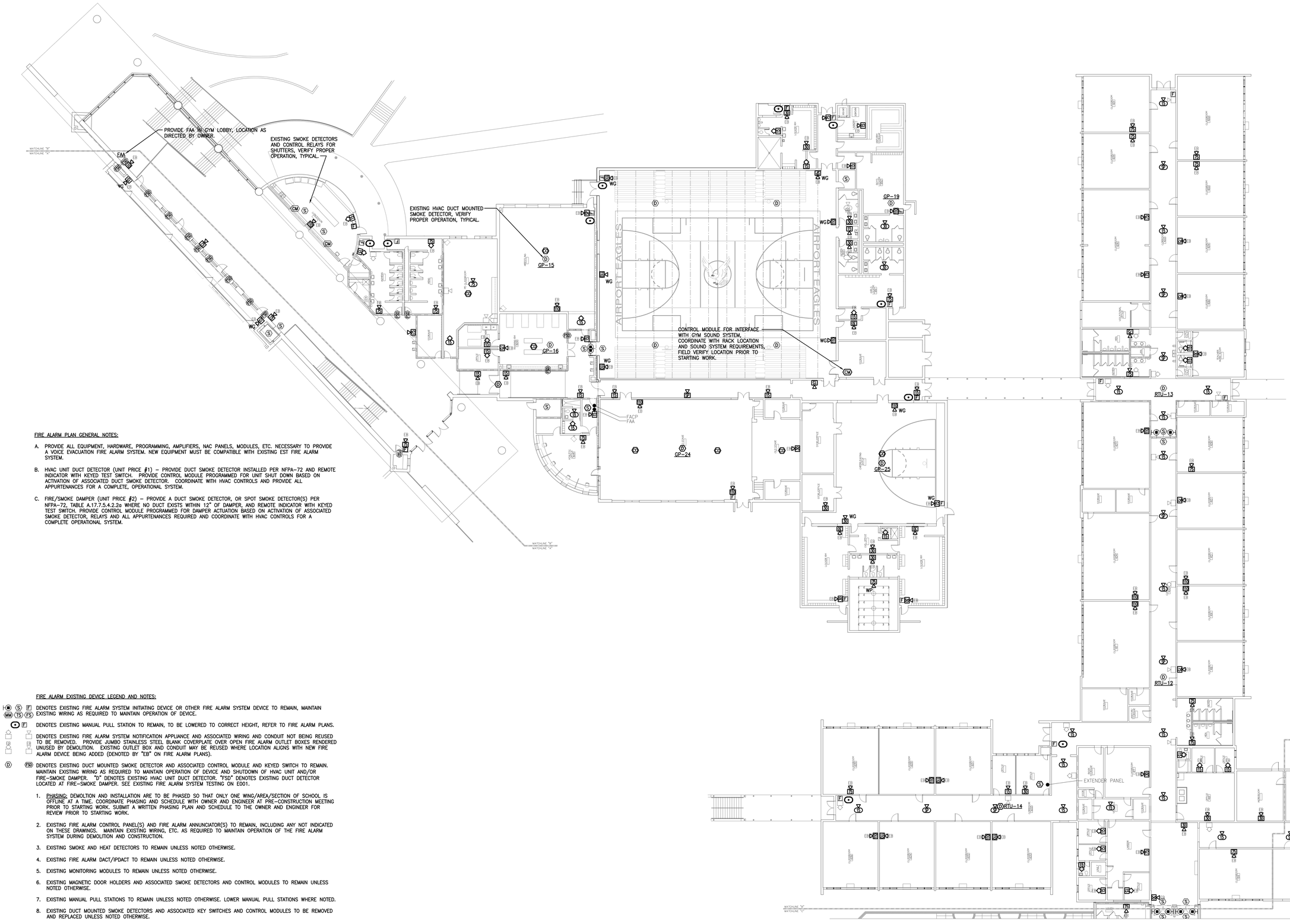


1 FIRE ALARM - AREA "B"
SCALE: 1/16"=1'-0"

FIRE ALARM PLAN GENERAL NOTES:

A. PROVIDE ALL EQUIPMENT, HARDWARE, PROGRAMMING, AMPLIFIERS, NAC PANELS, MODULES, ETC. NECESSARY TO PROVIDE A VOICE EVACUATION FIRE ALARM SYSTEM. NEW EQUIPMENT MUST BE COMPATIBLE WITH EXISTING EST FIRE ALARM SYSTEM.

B. HVAC UNIT DUCT DETECTOR (UNIT PRICE #1) – PROVIDE DUCT SMOKE DETECTOR INSTALLED PER NFPA-72 AND REMOTE INDICATOR WITH KEYED TEST SWITCH. PROVIDE CONTROL MODULE PROGRAMMED FOR UNIT SHUT DOWN BASED ON ACTIVATION OF ASSOCIATED DUCT SMOKE DETECTOR. COORDINATE WITH HVAC CONTROLS AND PROVIDE ALL APPURTENANCES FOR A COMPLETE, OPERATIONAL SYSTEM.

C. FIRE/SMOKE DAMPER (UNIT PRICE #2) – PROVIDE A DUCT SMOKE DETECTOR, OR SPOT SMOKE DETECTOR(S) PER NFPA-72, TABLE A.17.7.5.4.2.2a WHERE NO DUCT EXISTS WITHIN 12" OF DAMPER, AND REMOTE INDICATOR WITH KEYED TEST SWITCH. PROVIDE CONTROL MODULE PROGRAMMED FOR DAMPER ACTUATION BASED ON ACTIVATION OF ASSOCIATED SMOKE DETECTOR, RELAYS AND ALL APPURTENANCES REQUIRED AND COORDINATE WITH HVAC CONTROLS FOR A COMPLETE OPERATIONAL SYSTEM.

FIRE ALARM EXISTING DEVICE LEGEND AND NOTES:

(S) (F) DENOTES EXISTING FIRE ALARM SYSTEM INITIATING DEVICE OR OTHER FIRE ALARM SYSTEM DEVICE TO REMAIN, MAINTAIN EXISTING WIRING AS REQUIRED TO MAINTAIN OPERATION OF DEVICE.

(F) DENOTES EXISTING MANUAL PULL STATION TO REMAIN, TO BE LOWERED TO CORRECT HEIGHT, REFER TO FIRE ALARM PLANS.

DENOTES EXISTING FIRE ALARM SYSTEM NOTIFICATION APPLIANCE AND ASSOCIATED WIRING AND CONDUIT NOT BEING REUSED TO BE REMOVED. PROVIDE JUMBO STAINLESS STEEL BLANK COVERPLATE OVER OPEN FIRE ALARM OUTLET BOXES RENDERED UNUSED BY DEMOLITION. EXISTING OUTLET BOX AND CONDUIT MAY BE REUSED WHERE LOCATION ALIGNS WITH NEW FIRE ALARM DEVICE BEING ADDED (DENOTED BY "EB" ON FIRE ALARM PLANS).

(D) (FSD) DENOTES EXISTING DUCT MOUNTED SMOKE DETECTOR AND ASSOCIATED CONTROL MODULE AND KEYED SWITCH TO REMAIN. MAINTAIN EXISTING WIRING AS REQUIRED TO MAINTAIN OPERATION OF DEVICE AND SHUTDOWN OF HVAC UNIT AND/OR FIRE-SMOKE DAMPER. "D" DENOTES EXISTING HVAC UNIT DUCT DETECTOR. "FSD" DENOTES EXISTING DUCT DETECTOR LOCATED AT FIRE-SMOKE DAMPER. SEE EXISTING FIRE ALARM SYSTEM TESTING ON E001.

1. PHASING: DEMOLTION AND INSTALLATION ARE TO BE PHASED SO THAT ONLY ONE WING/AREA/SECTION OF SCHOOL IS OFFLINE AT A TIME. COORDINATE PHASING AND SCHEDULE WITH OWNER AND ENGINEER AT PRE-CONSTRUCTION MEETING PRIOR TO STARTING WORK. SUBMIT A WRITTEN PHASING PLAN AND SCHEDULE TO THE OWNER AND ENGINEER FOR REVIEW PRIOR TO STARTING WORK.
2. EXISTING FIRE ALARM CONTROL PANEL(S) AND FIRE ALARM ANNUNCIATOR(S) TO REMAIN, INCLUDING ANY NOT INDICATED ON THESE DRAWINGS. MAINTAIN EXISTING WIRING, ETC. AS REQUIRED TO MAINTAIN OPERATION OF THE FIRE ALARM SYSTEM DURING DEMOLITION AND CONSTRUCTION.
3. EXISTING SMOKE AND HEAT DETECTORS TO REMAIN UNLESS NOTED OTHERWISE.
4. EXISTING FIRE ALARM DACT/IPDACT TO REMAIN UNLESS NOTED OTHERWISE.
5. EXISTING MONITORING MODULES TO REMAIN UNLESS NOTED OTHERWISE.
6. EXISTING MAGNETIC DOOR HOLDERS AND ASSOCIATED SMOKE DETECTORS AND CONTROL MODULES TO REMAIN UNLESS NOTED OTHERWISE.
7. EXISTING MANUAL PULL STATIONS TO REMAIN UNLESS NOTED OTHERWISE. LOWER MANUAL PULL STATIONS WHERE NOTED.
8. EXISTING DUCT MOUNTED SMOKE DETECTORS AND ASSOCIATED KEY SWITCHES AND CONTROL MODULES TO BE REMOVED AND REPLACED UNLESS NOTED OTHERWISE.
9. EXISTING NOTIFICATION APPLIANCES (HORNS AND HORN/STROBES) TO BE REMOVED. EXISTING NAC PANELS NO LONGER IN USE TO BE REMOVED.
10. PROVIDE JUMBO STAINLESS STEEL BLANK COVERPLATE OVER ALL OPEN FIRE ALARM OUTLET BOXES RENDERED UNUSED BY DEMOLITION. EXISTING OUTLET BOX AND CONDUIT MAY BE REUSED WHERE LOCATION ALIGNS WITH NEW FIRE ALARM DEVICES BEING ADDED, REFER TO E500 SHEETS.
11. GENERAL NOTE: THE EXISTING FIRE ALARM SYSTEM IS TO REMAIN IN OPERATION DURING DEMOLITION AND DURING INSTALLATION OF NEW DEVICES. EXISTING CONDUIT, WIRING, AND BOXES FOR ITEMS BEING REMOVED MAY BE REUSED ONLY WHERE THEY COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS IN TERMS OF LOCATIONS, MOUNTING HEIGHTS, ROUTING, CONDUIT FILL, ETC.
12. GENERAL NOTE: EXISTING FIRE ALARM DEVICES ARE SHOWN FOR INFORMATION PURPOSES ONLY AND ARE NOT INTENDED TO REFLECT ALL EXISTING DEVICES INSTALLED. DEVICES INDICATED ARE BASED ON AVAILABLE RECORD DRAWINGS AND A SITE VISIT PERFORMED BY SIMS GROUP ENGINEERS, INC. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL EXISTING FIRE ALARM DEVICES AND ASSOCIATED WIRING AND CONDUIT NO LONGER IN USE WHETHER OR NOT THE DEVICES ARE INDICATED ON THESE PLANS. REFER TO DEMOLITION NOTES ON E001.

8/28/2018 11:38:23 AM


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No. C03104
CERTIFICATE OF AUTHORIZATION

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08/30/2018

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FIRE ALARM REPLACEMENT
AIRPORT HIGH SCHOOL
LEXINGTON SCHOOL DISTRICT TWO

OSF PERMIT SET

| No | Description | Date |
|---|---|---|

DRAWN BY: JMO

CHECKED BY: CLP

COMM NO: 18019

DATE: AUGUST 2018

SHEET TITLE: FIRE ALARM PLAN AREA 'B'

OSF PERMIT SET C18030


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SHEET NO: E-502