



**ADDENDUM NO. 2
MAY 13, 2019**

BID # 2248-19 FIRE ALARM RENOVATIONS (EASTERN MIDDLE SCHOOL)

This Addendum No. 2 is being issued to state the following regarding the Mandatory Pre-Bid walk through on Wednesday, May 8, 2019 at 1:00PM

- (3) Area Of Refuge (AOR) panels were added to project scope. Refer to attached drawing FA-201, revised 5/13/19 for additional information.

The following Pre-Bid RFIs are being answered:

1. Please confirm the dust smoke detectors and fan shutdown relays have already been purchased as part of the #2195-18, Window Replacements & HVAC Upgrades project?

AKF Response: per notes on floor plans; include price for replacement of FA devices if already installed as part of HVAC project 219518, if not yet installed than they remain in that project to be provided by others and coordinated with FA upgrade.

2. Is all of the existing fire alarm wiring being replaces as part of this project?

AKF Response: FA upgrade to include a complete wiring replacement.

All project requirements, except for those that are specifically added or modified by this addendum, shall remain in full effect.

Hector Perez
(AKF)

END OF ADDENDUM NO. 2

DRAWING NOTES:

1. LOCATE REMOTE INDICATORS FOR DUCT DETECTORS IN GROUP READILY VISIBLE AT ENTRY DOOR WHERE AIR HANDLER UNITS ARE IN MECHANICAL ROOMS AND ON CEILING BELOW DEVICE FOR UNITS CONCEALED IN CEILINGS.
2. LOCATE REMOTE TEST SWITCHES FOR BEAM DETECTORS IN GROUP READILY VISIBLE AT ENTRY DOOR TO SPACE IN APPROVED LOCATION BY ARCHITECT/ENGINEER/OWNER.

CONSTRUCTION KEY NOTES:

1. COORDINATE ASSOCIATED FIRE ALARM WORK WITH MECHANICAL CONTRACTOR INVOLVED IN BUILDING HVAC UPGRADE BEING DONE CONCURRENT WITH THIS PROJECT. ANY EXIST FAN SHUTDOWN MODULES AND DUCT SMOKE DETECTORS BY THAT CONTRACTOR WHICH WERE INSTALLED PRIOR TO THIS PROJECT ARE TO BE REPLACED. THAT NOT YET INSTALLED BY THAT CONTRACTOR ARE TO BE COORDINATED TO MATCH NEW FIRE ALARM SYSTEM.
2. COORDINATE ASSOCIATED CARBON MONOXIDE DETECTION WORK WITH MECHANICAL CONTRACTOR INVOLVED IN BUILDING HVAC UPGRADE BEING DONE CONCURRENT WITH THIS PROJECT. ANY EXIST DETECTORS BY THAT CONTRACTOR WHICH WERE INSTALLED PRIOR TO THIS PROJECT ARE TO BE REPLACED. THAT NOT YET INSTALLED BY THAT CONTRACTOR ARE TO BE COORDINATED TO MATCH NEW FIRE ALARM SYSTEM.
3. PROVIDE DEDUCT ALTERNATE FOR NEWLY INSTALLED SMOKE DETECTORS IN GENERAL CLASSROOMS WHERE NONE PRESENTLY EXIST. FINAL DETERMINATION OF THESE DETECTORS IN GENERAL CLASSROOMS TO BE DETERMINED BY FIRE MARSHALL.

AOR SEQUENCE OF OPERATIONS

INITIATION OF AN AREA CALL STATION WILL ACTIVATE AUDIO AND VISUAL SIGNAL IN MASTER AOR PANEL.

MAIN OFFICE ACKNOWLEDGES CALL BY LIFTING PHONE AT AOR MASTER FOR 2-WAY COMMUNICATIONS.

IN EVENT STAFF UNAVAILABLE, AOR PROGRAMMED FOR OFF SITE SERVICES BY CENTRAL STATION TO RESPOND SAME AS WOULD FOR FIRE ALARM SYSTEM.

PROPOSED SYSTEM TO BE BY HOUSING DEVICES INC OF THE ADA-ARCU-5 SERIES WITH MASTER PANEL, AREA PUSHBUTTON STATIONS, ALL REQUIRED POWER SUPPLIES, INTERCONNECT MODULES FOR OFF SITE SERVICES, AND REQUIRED ACCESSORIES FOR INSTALL TO INCLUDE AREA PHONE BOX/PLATE MODIFICATIONS AS NEEDED

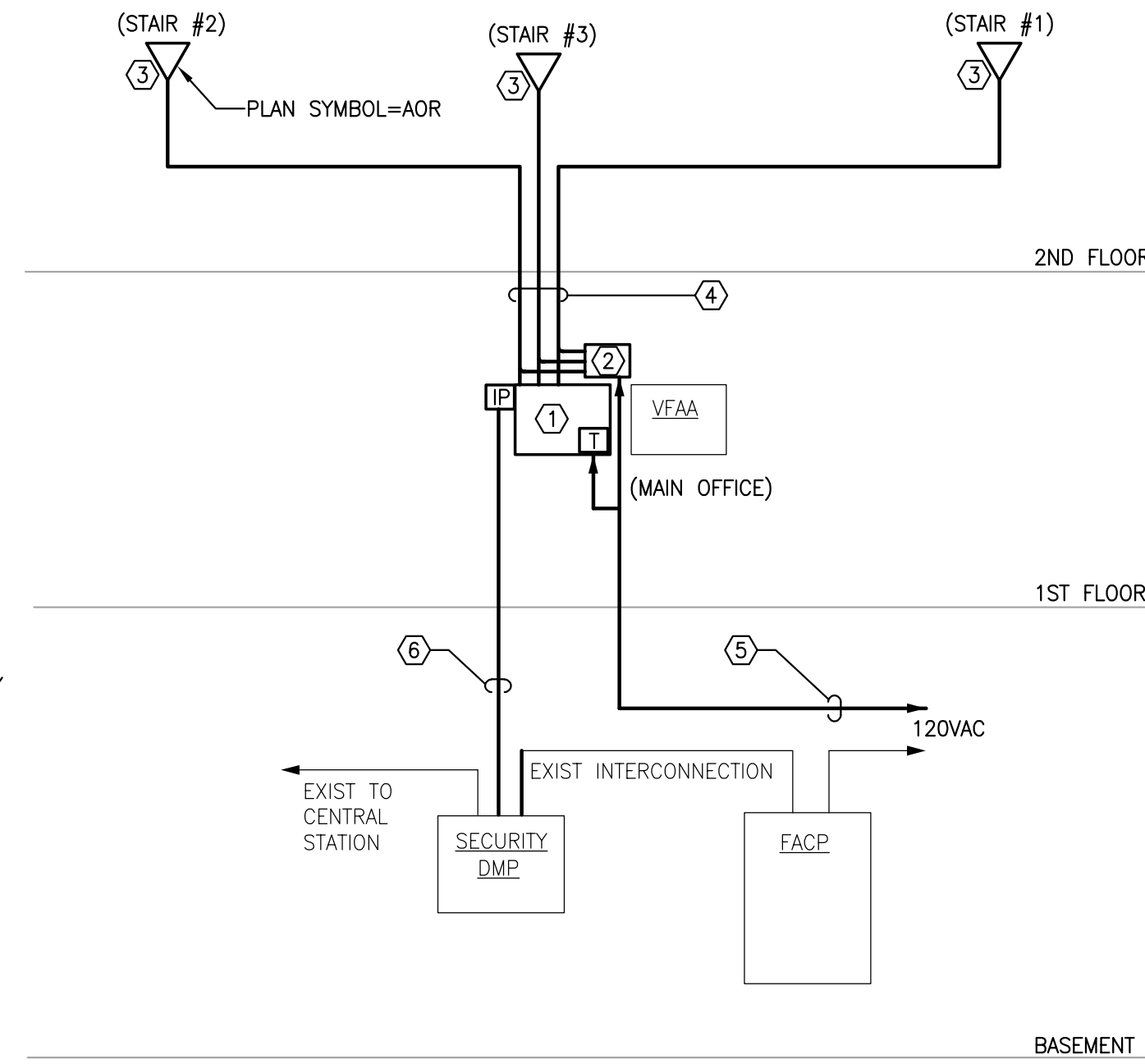
SYSTEM VENDOR TO PROVIDE WIRING DIAGRAM, ASSIST WITH PROGRAMMING TO SUIT SCHOOL NEEDS, AND INCLUDE STANDARD WARRANTY ON PARTS AND SERVICE.

AOR RISER KEY NOTES

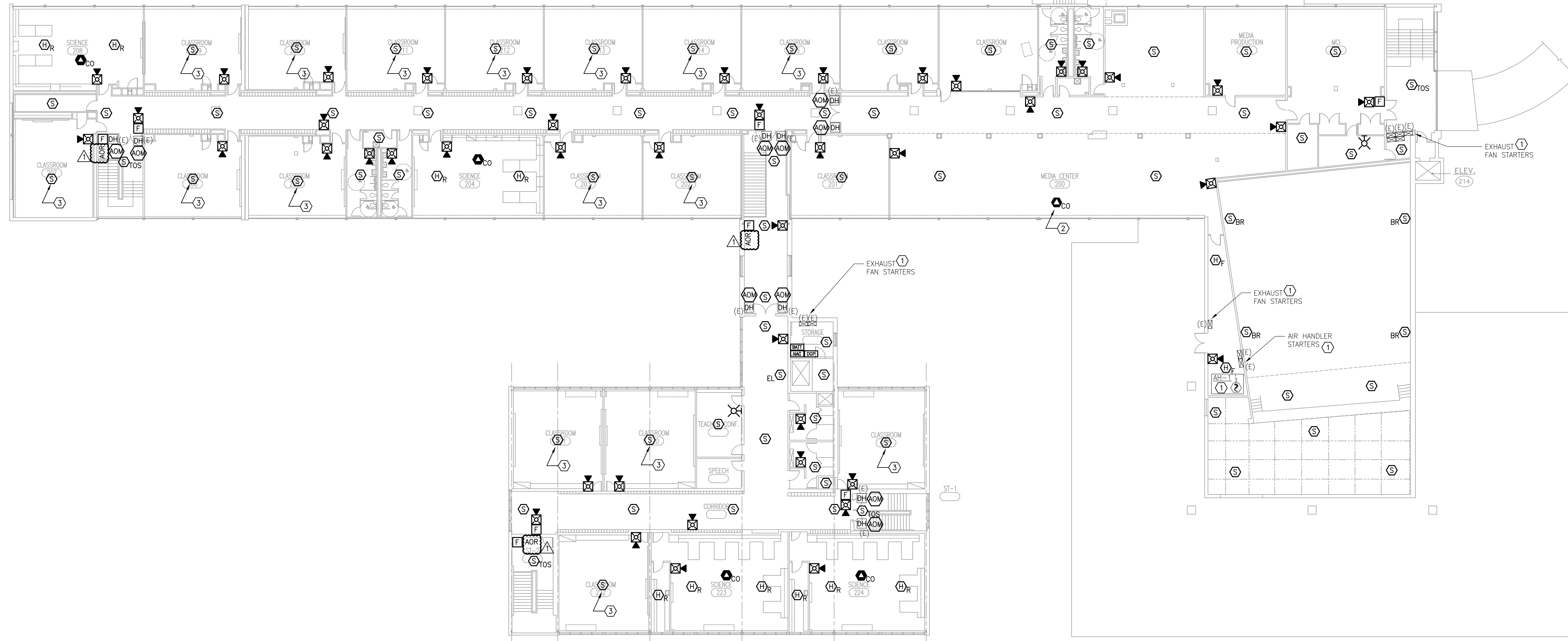
1. MASTER AOR PANEL LOCATED ADJACENT TO NEW VOICE FIRE ALARM ANNUNCIATOR IN MAIN OFFICE. MASTER AOR PANEL TO HAVE INTEGRAL BATTERY SUPPLY OF STANDARD SIZE /TYPE BY AOR MANUFACTURER. PROVIDE AT PANEL A REMOTE TRANSFORMER AND ADDRESSABLE MODULE/GATEWAY FOR CONNECTION TO SAME DMP SERVING FIRE ALARM.
2. REMOTE POWER SUPPLY LOCATED AT MASTER PANEL FOR 24VDC TO AREA CALL STATIONS.
3. AREA CALL STATION TO REPLACE EXIST AND FITTED TO BACKBOX WITH NEEDED PLATE.
4. COMMUNICATION CABLE AND POWER CABLE PER MANUFACTURER TO AREA CALL STATIONS.
5. CONNECTION TO 120V-20A/1P BREAKER IN EXIST ALTERNATE SOURCE PANEL IN BASEMENT.
6. CONNECTION TO EXIST SECURITY SYSTEM DIGITAL MONITORING PANEL FOR OFF SITE SERVICES.

GENERAL NOTES

1. MASTER PANEL AND AREA CALL STATIONS SHALL BE FLUSH MOUNTED AND HAVE ALL REQUIRED LABELING BY MANUFACTURER IN ACCORD WITH ADA REQUIREMENTS.
2. LOW VOLTAGE COMMUNICATIONS AND POWER CABLING SHALL BE PLENUM RATED AND ROUTED FULLY CONCEALED IN WALLS AND CEILINGS WITH REQUIRED SUPPORTS.



EASTERN MIDDLE SCHOOL – AOR RISER DIAGRAM



No.	Date	Description
1	04/29/19	ISSUED FOR BID
		ISSUE

PROJECT
GPS EASTERN MIDDLE SCHOOL
FIRE ALARM REPLACEMENT

DRAWING TITLE
FIRE ALARM
SECOND FLOOR PLAN
- NEW WORK

Drawn By	SL	Drawing No.
Checked By	FM	FA-201
Date	04/29/2019	
Scale	1/16" = 1'-0"	
Project No.	180425-009	