SECTION 00 91 10

ADDENDUM NUMBER 1

PARTICULARS

1.01 DATE: September 22,2023

1.02 PROJECT: ERNEST KNIGHT LLC FIRE ALARM SYSTEM

1.03 PROJECT NUMBER: 26236.0 DCM/BC NO. 2023632

1.04 OWNER: ALABAMA A&M UNIVERSITY

1.05 ARCHITECT: HYDE ENGINEERING, INC.

TO PROSPECTIVE BIDDERS

2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE BIDDING DOCUMENTS DATED August 28, 2023, WITH AMENDMENTS AND ADDITIONS NOTED BELOW.

2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE PROPOSAL FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

2.03 THIS ADDENDUM CONSISTS OF 6 - 8.5x11 PAGES and 1 full size sheet.

CHANGES TO THE PROJECT MANUAL

3.01 ADVERTISEMENT FOR BIDS:

A. Bids will be publicly opened at the AAMU Facilities Office Conference Room located at The University Facilities/Police Department Building. Bid date and Time remain unchanged.

3.02 SECTION 01 21 00 ALLOWANCES

A. Add this section in it's entirety.

3.03 SECTION 28 46 21 ADDRESSIBLE FIRE ALARM SYSTEMS:

A. Section 2.3 – A – 4 Additional approved equal manufacturers are Edwards EST-4 and Notifier.

3.04 CLARIFICATIONS FROM PREBID WALK THROUGH:

A. Working hours shall be 8am-7pm Monday thru Saturday until Summer 2024. During summer 2024 hours may be extended.
B. Any new troubles on the existing fire alarm system that are NOT caused by this contractor will be repaired by the Owner. Contractor shall notify owner in a timely manner of any new troubles.
C. Any ceiling tiles which are broken during this work shall be replaced with like ceiling tiles.
D. All new blank plates which are installed shall be painted to match adjacent surfaces.
E. New wiremold shall be a minimum of 700 series or size required for the number of cables.

CHANGES TO THE DRAWINGS

4.01 SHEET E0.1 – LEGEND, NOTES, DETAILS, AND RISER

A. Legend for dorm room devices updated.
B. Special Construction Notes G and I updated.
C. Fire Alarm Riser Notes 25, 26, and 27 added.

END OF ADDENDUM NUMBER 1

SECTION 01 21 00

ALLOWANCES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Owner allowance

B. Payment and modification procedures relating to allowances

1.02 RELATED SECTIONS

A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 OWNER ALLOWANCE

A. Include the sum of $ 50,000.00 for Owner Allowance. Owner Allowance shall be used solely for additional work at the discretion of the Owner's project representative.

B. General Contractor's profit and overhead is presumed to be included in the base bid & will not be added to charges covered by the Owner Allowance.

C. All changes covered by Owner Allowance will be approved by the Owner in writing.

D. Funds will be drawn from the Owner Allowance by Change Order prior to Project Closeout.

E. At Closeout of contract funds remaining in Owner Allowance will be fully credited to Owner by Change Order.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

New Fire Alarm System
For Ernest Knight LLC Hall Dorm
PRE-BID CONFERENCE
September 21, 2023
8:30 am

AGENDA

Introduction
- Morgan Reyes, Hyde Engineering, Electrical Engineer
- Jerry Latham, Alabama A&M Representative

Sign-In Sheet: See attached

Bid Date, Location and Procedures
- Include all properly executed form for Accounting of Sales Tax
- Do not qualify bids.
- Bid date is October 10 at 2pm in Facilities office conference room.

Project Funding Source: locally funded

Tax Exempt Status
- Sales tax is NOT to be included in bid
- The accounting of Sales Tax Form shall be included with the bid.

Alternates
- Additive alternate #1 – additional smoke detectors and door hold opens as shown on the drawings at stairwells and corridors.

Contract Schedule
- Work may begin after notice-to-proceed.
  - Substantial Completion: See spec section 01 10 00 – July 31st, 2024
- Proposed schedule: Contractor may begin work in all common areas and corridors in dorm area in December 2023. Students will be in the building for Spring semester 2024, do not enter dorm rooms at this time. Beginning May 4, 2024 – July 31st , 2024 contractor will have full access to entire building. All dorm room work and demolition shall commence at this time. A few areas of the building will remain operational at all times as noted on the drawings.
- All work, new and demolition of the existing system, shall be completed by August 9, 2024

Liquidated Damages
- Liquidated Damages: Noted in Appendix C – Supplementary Conditions of the Contract

Permit Requirements
- Alabama Building Commission has reviewed the project
- Alabama Building Commission Permit & Fees
- No City of Huntsville building permit is required.
- Coordination with the City of Huntsville Fire Marshall is required.

Contract Considerations
- E-Verify Program
- Project Schedule Submission and Update Requirements – Section 01 32 16
- CAD files of architectural base floor plans are available for submittal purposes.
- It is the contractor's responsible to incorporate addenda items into the hard copy and any electronic files of the construction documents.
- Full-time superintendent – Noted in Section 01 10 00.1.09. – required when working.

- Substitutions must meet design intent, with burden of proof and coordination on the Contractor and his supplier to ensure that adequate space, clearance, and accessibility is available within the design for a properly functioning system.
- Subcontractors are required to be familiar with requirements of all documents, not just documents specific to their trade

Site Conditions

- Building will be OCCUPIED during work.
- Working hours are 8am – 7pm Monday-Friday. Contractor must be respectful of residents at all times.
- Work Limits / Parking
- Contractor shall work during hours as permitted by city ordinance. Other hours will require permission by the Owner.
- Existing Utilities: the existing system must remain on line until the new system is operational. A fire watch is required at any time the existing system is down.
- Firearms and tobacco (including electronic and chewing) are strictly prohibited on campus.
- Contractor may use existing toilet facilities. Contractor shall maintain the facility they use in the clean manner.

Up-coming Addenda

- Addendum #1 – Will be published on Friday 9/22 items that will be included:
    - Bid opening location change to Facilities Conference room
    - Dorm room device changes. (sounder/smoke base and speaker separate). Dorm smokes report as supervisory unless 2 or more are activated then a global alarm shall sound.
    - Addition of owner's contingency allowance, $50,000.00
    - Wiremold exact series clarification.
    - Drop box link to existing building architectural plans as available.
    - Pre-Bid meeting minutes/sign in sheet.

Questions – Submit all questions by 48 hours before the bid.
Send to Hyde Engineering:

- Morgan Reyes – morgan@hyde-egr.com

Notes from meeting:

1. Reminders from owner:
    a. This is their home. Contractor is to be respectful at all times.
    b. Do not engage with students. If there is any problem the contractor is to walk away and call engineer or owner immediately. The local DPS will handle the situation.

AAMU Ernest Knight LLC Dorm Fire Alarm System Pre Bid Meeting

September 21, 2023
8:30 am
DCM#2023632

Sign-in Sheet

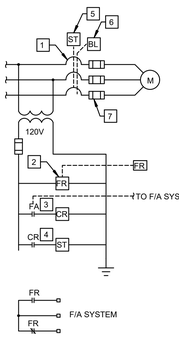
Name(Please Print)	Company(Please Print)	Phone No.	E-mail Address
Jerry Latham	AL A&M University	256-608-3705	Jerry.latham1@aamu.edu
Morgan Reyes	Hyde Engineering	256-270-8013	morgan@hyde-egr.com
Ryan Cross	Marathon	205-864-5255	rrcross@marathonelectrical.com
Robert Phillips	MEI	256-990-8805	rphillips@madisonelec.com
James Stutts	JSI	256-755-8950	james@jessestuttsinc.com
Will Whitley	JSI	256-975-4948	willwhitley@jessestuttsinc.com
Mark Perrien	Control Systems INC	205-960-0514	mperrien@controlsystems.net
Chris White	MEC	205-937-1586	cwhite@marathonelectrical.com
Ken Gospodareck	Control Systems Inc	205-577-3934	Kgospodareck@controlsystems.net
Beau Rogers	MEI	256-217-3019	BROGERS@MADISONELEC.com
Jamie Riley	AEC	256-924-4801	jamie@aec-hsv.com

FIRE ALARM

F	FIRE ALARM SYSTEM: MANUAL PULL STATION WITH ALARMED COVER, MOUNT 4'-0"H TO TOP OF BOX.
FS	FIRE ALARM SYSTEM: LOCAL ALARM AND SUPERVISORY PANEL.
FA	FIRE ALARM SYSTEM: ANNUNCIATOR
	FIRE ALARM SYSTEM: SMOKE DETECTOR, SURFACE MOUNTED.
	FIRE ALARM SYSTEM: AUTOMATIC FIRE DETECTOR, HIGH TEMPERATURE, 190 DEG. F.(THERMAL AND RATE OF RISE).
	FIRE ALARM SYSTEM: SMOKE DETECTOR IN A/C DUCT WITH SAMPLING TUBES.
F	FIRE ALARM SYSTEM: COMBINATION SPEAKER AND STROBE, CEILING MOUNTED
LF SMK	FIRE ALARM SYSTEM: SPEAKER BASE, LF SOUNDER, AND SMOKE DETECTOR, CEILING MOUNTED. CONTRACTOR MAY USE A LF SOUNDER/SMOKE BASE AND A SEPARATE SPEAKER. (1)
SMK	FIRE ALARM SYSTEM: SMOKE WITH STROBE
F	FIRE ALARM SYSTEM: STROBE
	FIRE ALARM SYSTEM: (AUTOMATIC DOOR RELEASE)
FACP	FIRE ALARM SYSTEM: CONTROL PANEL, (SURFACE) MOUNTED.
FS	FIRE ALARM SYSTEM: FLOW SWITCH CONNECTION
SV	FIRE ALARM SYSTEM: SUPERVISORY VALVE CONNECTION
(F)	FIRE ALARM SYSTEM: CEILING MOUNTED SPEAKER
FP	FIRE ALARM SYSTEM: FIREFIGHTER'S TWO-WAY COMMUNICATION PANEL
NAC	FIRE ALARM SYSTEM: NAC PANEL
LF F	FIRE ALARM SYSTEM: COMBINATION LOW FREQUENCY SOUNDER & STROBE, MOUNT 80" A.F.F.

ABBREVIATIONS

A	ABOVE COUNTER	IG	ISOLATED GROUND
AFG	ABOVE FINISH GRADE	NL	NIGHT LIGHT
AFF	ABOVE FINISH FLOOR	MCB	MAIN CIRCUIT BREAKER
AIC	AVAILABLE INTERRUPT CURRENT	MLO	MAIN LUGS ONLY
AL	ALUMINUM	RR	REMOVE AND REPLACE WITH NEW
AWG	AMERICAN WIRE GAUGE	TBB	TELEPHONE BACK BOARD
C	CONDUIT RACEWAY	TP	TAMPER PROOF
CB	CIRCUIT BREAKER	TV	TELEVISION
CU	COPPER	TYP	TYPICAL
DISC	DISCONNECT	UC	UNDER COUNTER
EM	EMERGENCY	UG	UNDER GROUND
EMT	ELECTRICAL METALLIC TUBING	WAP	WIRELESS ACCESS POINT
EP	EXPLOSION PROOF	WP	WEATHERPROOF, NEMA 3R.
EX	EXISTING	XR	EXISTING - REMOVE
F	FUSE	XRR	EXISTING - REMOVE AND RELOCATE
G, GRD	GROUND	XRL	EXISTING - RELOCATED
GFI	GROUND FAULT INTERRUPTING		



KEYNOTES

1. MOLDED CASE SWITCH WITH SHUNT TRIP PROVISION, AMPERE RATING PER DRAWINGS AND SCHEDULES.
2. FR: FIRE ALARM VOLTAGE MONITORING RELAY. PROVIDE FORM C RELAY AND INTERFACE TO A FIRE ALARM RELAY TO MONITOR CONTROL VOLTAGE.
3. FA: NORMALLY OPEN 120V RATED FIRE ALARM CONTACTS SUPPLIED BY THE FIRE ALARM CONTRACTOR TO TRIGGER ELEVATOR POWER SHUNT TRIP.
4. CR: CONTROL RELAY TO ISOLATE THE FIRE ALARM CONTACTS FROM THE LOAD OF THE SHUNT TRIP.
5. ST: SHUNT TRIP COIL TO ACTIVATE SHUNT TRIP MECHANISM ON MOLDED CASE SWITCH.
6. BL: PROVIDE FORM C MECHANICALLY INTERLOCKED AUXILIARY CONTACTS ON SWITCH FOR OUTPUT TO BATTERY LOWERING PERMISSIVE RELAY. (AS REQUIRED)
7. FUSES PER DRAWINGS AND SCHEDULES.

ELEVATOR FIRE SAFETY INTERFACE

NO SCALE

NOTES

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2020 NATIONAL ELECTRICAL CODE AND LOCAL ORDINANCES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND ALL EXISTING FIELD CONDITIONS.
3. CONTRACTOR SHALL PROVIDE A COMPLETE ELECTRICAL INSTALLATION INCLUDING ALL WORK CUSTOMARILY INCLUDED EVEN IF NOT SPECIFICALLY CALLED OUT.
4. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS OR BE IN DOUBT AS TO INTENT, HE SHALL IMMEDIATELY OBTAIN CLARIFICATION FROM THE ARCHITECT OR ENGINEER.
5. THE ELECTRICAL DRAWINGS ARE SCHEMATIC AND ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUITS, OUTLETS, ETC. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS AND SHALL FIT HIS WORK TO CONFORM WITH THE BUILDING CONSTRUCTION AND WITH THE OTHER TRADES.
6. ATTENTION IS CALLED TO THE FACT THAT THIS IS A RENOVATION OF AN EXISTING BUILDING. WHEN THE WORK IS FINISHED, THE ELECTRICAL SHALL BE COMPLETE IN EVERY RESPECT, COMPLETELY INTEGRATED WITH ALL THE EXISTING ELECTRICAL SYSTEMS. ELECTRICAL SERVICE TO THE EXISTING BUILDING SHALL NOT BE INTERRUPTED AT ANY TIME. PROVIDE ALL THE NECESSARY TIES AND TEMPORARY SERVICE TO ACHIEVE THIS CONDITION.
7. SHOULD ANY ELECTRICAL POWER, LIGHT OR AUXILIARY, CIRCUITS, FEEDERS OR EQUIPMENT BE SEVERED, DISCONNECTED OR DELETED IN THE PROCESS OF CONSTRUCTION OR REMODELING WHICH IS NOTED A RESULT OF CONTRACT PLANS AND SPECIFICATIONS, AND UNLESS IT IS SPECIFICALLY DESIGNATED BY THE DRAWINGS TO BE DELETED, THEN SAID CIRCUIT OR FEEDER SHALL BE RESTORED TO FIRST CLASS WORKING CONDITION. THE RESTORATION SHALL INCLUDE ANY RE-ROUTING, RELOCATIONS OR REPLACEMENT AS MAY BE NECESSITATED BY THE ARCHITECTURAL AND STRUCTURAL CONSTRUCTION. ANY SUCH WORK REQUIRED SHALL BE INCLUDED IN THE ELECTRICAL CONTRACT AND NO EXTRA COMPENSATION WILL BE GRANTED.
8. THE ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING REQUIRED TO DO THIS WORK. REPAIRING OF WORK SHALL BE COMPARABLE TO WORK CUT. PAINT TO MATCH ADJACENT SURFACES OR AS DIRECTED BY ARCHITECT. COORDINATE WITH GENERAL CONTRACTOR.
9. ALL CONDUITS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION TYPE FITTINGS.
10. THE ATTACHED DRAWINGS WERE DEVELOPED FROM RECORD DRAWINGS AND INFORMATION PROVIDED BY OTHERS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD BEFORE PROCEEDING WITH SUBSEQUENT WORK. THE DESIGN TEAM SHALL BE NOTIFIED OF ANY DISCREPANCIES OR CONFLICTS WITH DRAWINGS FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
11. FIRE ALARM CONTRACTOR SHALL BE NICET LEVEL III CERTIFIED MINIMUM AND BE LICENSED BY THE STATE FIRE MARSHALL'S OFFICE.

SPECIAL CONSTRUCTION NOTES

A. EXISTING FIRE ALARM SYSTEM SHALL REMAIN OPERATIONAL AT ALL TIMES. IF SYSTEM IS DOWN CONTRACTOR SHALL CONDUCT A FIRE WATCH. FIRE WATCH SHALL BE COORDINATED AND SCHEDULED WITH THE LOCAL FIRE MARSHALL.

B. ONCE THE NEW SYSTEM IS ONLINE THE ENTIRE OLD SYSTEM SHALL BE REMOVED IN IT'S ENTIRETY. THIS INCLUDES ALL CABLING, NAC PANELS, DEVICES, AND CONTROL PANEL.

C. CONTRACTOR SHALL REFERENCE SPECIFICATION SECTION 01-10-00 SUMMARY FOR WORK TIMES.

- DECEMBER 2023 - NOTICE TO PROCEED. CONTRACTOR MAY BEGIN WORK IN COMMON AREAS AND ALL CORRIDORS. BUILDING WILL BE OCCUPIED. NO DORM ROOM WORK PRIOR TO MAY 2024.
- MAY 4, 2024 TO JULY 31ST 2024 - DORM ROOMS AND KITCHEN WILL BE UNOCCUPIED OTHER AREAS REMAIN OPERATIONAL AND OCCUPIED. ALL DORM ROOM NEW WORK AND DEMOLITION WORK TO BE COMPLETED DURING THIS TIME.
- JULY 31ST, 2024 - SUBSTANTIAL COMPLETION(NEW SYSTEM IS ONLINE).
- AUGUST 9, 2024 - ALL DEMO OF EXISTING SYSTEM TO BE COMPLETE AND PROJECT IS 100% COMPLETE.

D. NEW FIRE ALARM SYSTEM IS TO BE INSTALLED AND 100% OPERATIONAL PRIOR TO DEMOLITION OF OLD SYSTEM.

E. SOME AREAS OF THE BUILDING WILL BE OCCUPIED AND OPERATIONAL FOR THE DURATION OF THE PROJECT.

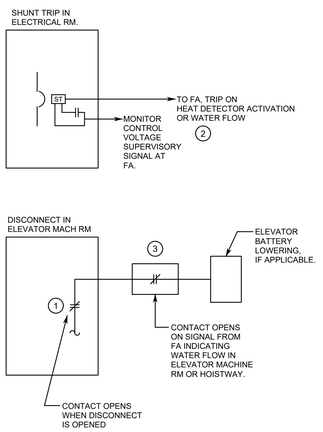
F. CONTRACTOR SHALL PATCH THE WALL AND REPAINT WHERE THE EXISTING FIRE ALARM CONTROL PANEL WAS LOCATED UPON REMOVAL

G. CONTRACTOR SHALL FURNISH AND INSTALL BLANK PLATES ON ALL EXISTING BOXES AFTER REMOVAL OF OLD SYSTEM DEVICES. BLANK PLATES SHALL BE PAINTED TO MATCH ADJACENT SURFACE.

H. CONTRACTOR IS ADVISED THAT THIS BUILDING WILL BE OCCUPIED WITH BOTH MEN AND WOMEN STUDENTS DURING CONSTRUCTION. THE CONTRACTOR SHALL REFRAIN FROM INTERACTING WITH ANY OF THE STUDENTS DURING CONSTRUCTION. ANY PROBLEMS SHALL BE REPORTED TO THE OWNER AND ENGINEER.

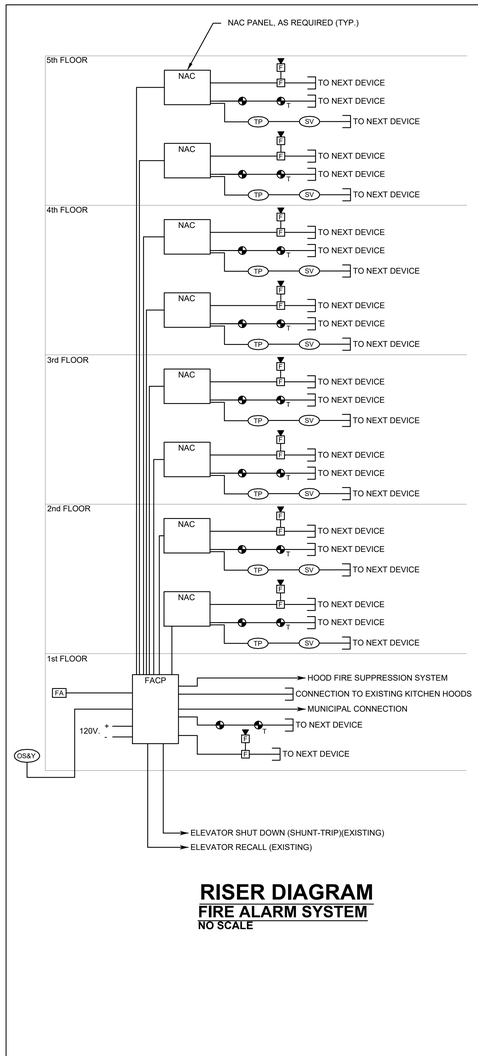
I. CONTRACTOR MAY ROUTE FIRE ALARM CABLING ABOVE THE LAY-IN CEILING USING J-HOOKS ALONG CORRIDORS AND WHERE LAY-IN CEILING EXISTS. CONTRACTOR SHALL USE WIREMOLD ON CEILINGS OF DORM ROOMS AND CONDUIT IN OPEN SPACES. ANY CEILING TILES BROKEN SHALL BE REPLACED WITH LIKE TYPE BY CONTRACTOR. WIREMOLD SHALL BE MINIMUM OF 700 SERIES OR SIZE REQUIRED FOR THE NUMBER OF CABLES. (1)

DO NOT SCALE DIMENSIONS FROM DRAWINGS. CONSULT OWNER/ARCHITECT FOR EXACT DIMENSIONAL DATA.



1. NEC 620.91 (2011)
2. NFPA 6.16.4.4 (2007)
3. ANSI 17.1 2.8.3.3.2

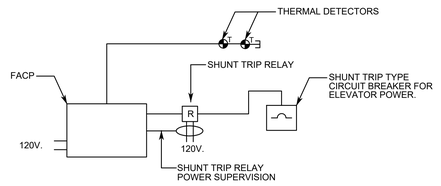
DETAIL
ELEVATOR SHUNT-TRIP
NO SCALE



RISER DIAGRAM
FIRE ALARM SYSTEM
NO SCALE

NOTES:

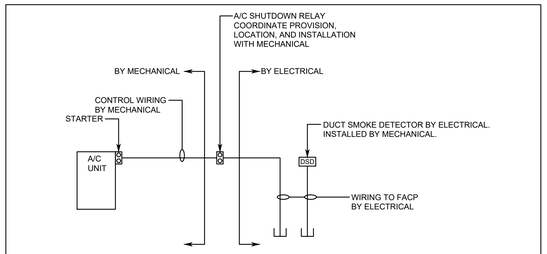
1. PROVIDE WIRING IN CONDUIT WHERE EXPOSED. USE J-HOOKS ABOVE ACCESSIBLE CEILINGS.
2. SEE FLOOR PLAN FOR LOCATION AND QUANTITY OF DEVICES.
3. FIRE ALARM SYSTEM LAYOUT IS DIAGRAMMATIC ONLY. PROVIDE ADDITIONAL DEVICES AS REQUIRED BY CODE AND LOCAL AUTHORITIES.
4. COORDINATE LOCATIONS AND CONNECTIONS OF HVAC SHUTDOWN RELAYS WITH HVAC/CONTROLS VENDOR.
5. PROVIDE ADDRESSABLE SYSTEM.
6. PROVIDE FOR 15% GROWTH.
7. IF NOT SHOWN ON FLOOR PLANS PROVIDE 120V. CIRCUIT FOR FACP POWER. SEE NOTE 17.
8. PROVIDE TERMINAL CABINETS, NAC PANELS AS REQUIRED PER PROPOSED FIRE ALARM SYSTEM.
9. IF NOT SHOWN ON FLOOR PLAN, PROVIDE POWER TO NAC PANELS FROM FLOOR RECEPTACLE PANEL (AS REQUIRED). SEE NOTE 17.
10. PROVIDE REMOTE STATUS & TEST LOCATION FOR DEVICES NOT READILY VISIBLE OR ACCESSIBLE.
11. INTERFACE TO SECURITY SYSTEM. PROVIDE DRY CONTACT CLOSURE. PROVIDE CABLING IN CONDUIT.
12. ON ALARM, ALL DOORS IN EGRESS PATH TO UNLOCK.
13. PROVIDE SMOKE DETECTORS AND INTERFACE TO SMOKE/FIRE DAMPERS AND SMOKE DAMPERS.
14. VERIFY FINISH OF ALL FIRE ALARM DEVICES WITH ARCHITECT PRIOR TO ORDERING. NOTIFICATION DEVICES ARE TO BE WHITE. PULL STATIONS ARE TO BE RED. SMOKE AND HEAT DETECTORS ARE TO BE WHITE.
15. ALL PULL STATIONS ARE TO HAVE ALARMED COVER WITH HORN.
16. FA CONTRACTOR TO VERIFY DECIBEL LEVEL IN ASSEMBLY TYPE SPACES LIKE DINING AND BALL ROOM. ADD ADDITIONAL SPEAKERS AS REQUIRED.
17. NEW POWER CIRCUITS FOR NAC PANELS AND FIRE ALARM CONTROL PANEL SHALL BE ROUTED TO THE NEAREST ELECTRICAL PANEL SHOWN, 2#12, 1#12G-1/2C. (SEE E2.1 - E4.2 FOR PANEL LOCATIONS.) ALL PANELS ARE SQUARE D, NQOD TYPE, 10 KAIC RATED. NEW BREAKERS SHOULD BE 20/1, 10 KAIC RATED. CONTRACTOR MAY USE MC CABLE WHERE CONCEALED ABOVE CEILING.
18. RECONNECT EXISTING ELEVATOR SHUNT TRIP CONNECTIONS TO NEW FIRE ALARM SYSTEM.
19. KNOWN DUCT DETECTORS ARE SHOWN. CONTRACTOR SHALL FURNISH AND INSTALL DUCT DETECTORS FOR ANY UNITS OVER 2000 CFM AND FOR UNITS SERVING EXIT CORRIDORS.
20. CONNECT FIRE ALARM SYSTEM TO PHONE LINE AND DIALER AS REQUIRED.
21. PROVIDE CONNECTION FOR TAMPER FLOW SWITCHES AND OS&Y VALVE. DEVICES ARE EXISTING. VERIFY EXACT LOCATIONS IN FIELD.
22. PROVIDE INTERFACE TO ELEVATOR RECALL SYSTEM.
23. PROVIDE SHUTDOWN OF ELEVATOR ON ACTIVATION OF SPRINKLERS.
24. ACTIVATION OF KITCHEN HOOD FIRE SUPPRESSION SYSTEM SHALL TRIP BREAKERS FOR ALL EQUIPMENT UNDER HOOD INCLUDING LIGHTS AND SUPPLY FAN. (1)
25. ANY DETECTOR ACTIVATION IN EACH DORM SUITE WILL ACTIVATE ALL SOUNDERS/SPEAKERS WITHIN THAT SUITE AND REPORT A SUPERVISORY SIGNAL TO THE MAIN PANEL.
26. SOUNDERS/SPEAKERS SHALL ACTIVATE DURING BUILDING GENERAL ALARM.
27. WHEN A SMOKE WITHIN A DORM SUITE IS ACTIVATED, IT SHALL INITIATE A LOCAL ALARM WITHIN THE SUITE, AND NOTIFY THE FACP AND ANNUNCIATOR AS A SUPERVISORY CONDITION. IF 2 OR MORE SMOKES WITHIN ONE SUITE ACTIVATE, IT SHALL ALARM LOCALLY AND SET OFF ENTIRE FIRE ALARM SYSTEM AND TRANSMIT FIRE ALARM SIGNAL TO MONITORING COMPANY. SMOKE DETECTORS WITHIN SUITES SHALL BE INTERCONNECTED.



NOTES:

1. INTENT OF SYSTEM IS TO PROVIDE SHUT-DOWN/RECALL OF ELEVATOR PRIOR TO WATER APPLICATION FROM SPRINKLERS ON ELEVATOR EQUIPMENT AND BRAKES, PER NFPA 72 3-9.4.
2. THERMAL DETECTORS SHALL HAVE BOTH A LOWER TEMPERATURE RATING AND HIGHER SENSITIVITY COMPARED TO THE SPRINKLER. THERMAL DETECTORS SHALL BE LOCATED WITHIN 2 FEET OF EACH SPRINKLER HEAD. PROVIDE NUMBER OF DETECTORS TO MATCH NUMBER OF SPRINKLER HEADS IN ELEVATOR MACHINE ROOM AND HOISTWAY.
3. SHUNT TRIP RELAY POWER TO BE SUPERVISED BY ELEVATOR RECALL CONTROL AND SUPERVISORY PANEL.
4. ELEVATOR EQUIPMENT SHALL USE SHUNT-TRIP TYPE CIRCUIT BREAKER.
5. COORDINATE ALL WORK WITH SPRINKLER AND ELEVATOR VENDORS.

SPRINKLER INITIATED ELEVATOR SHUT DOWN DETAIL
NO SCALE



DUCT SMOKE DETECTOR CONNECTION DETAIL
NO SCALE

Hyde Engineering, Inc.
1525 Perimeter Parkway Suite 275 • Huntsville , AL 35801
(256) 270-0013 • FAX (205) 982-9911 • morgan@hyde-egr.com

NEW FIRE ALARM SYSTEM FOR ERNEST KNIGHT LIVING AND LEARNING COMPLEX
ALABAMA A&M UNIVERSITY

NO.	REVISION	DATE
1	ADDENDUM #1	09/22/23

SEAL:

DATE:	08/28/2023
JOB NUMBER:	26236.0
DRAWN BY:	BR
CHECKED BY:	MBR

DRAWING TITLE:
LEGEND, NOTES, DETAILS AND RISER

DRAWING NO.
E0.1