

WENDLER MIDDLE SCHOOL FIRE ALARM REPLACEMENT DESIGN-BUILD 2905 LAKE OTIS PKWY ANCHORAGE, ALASKA 99508 BRIDGING DOCUMENTS

ANCHORAGE SCHOOL DISTRICT



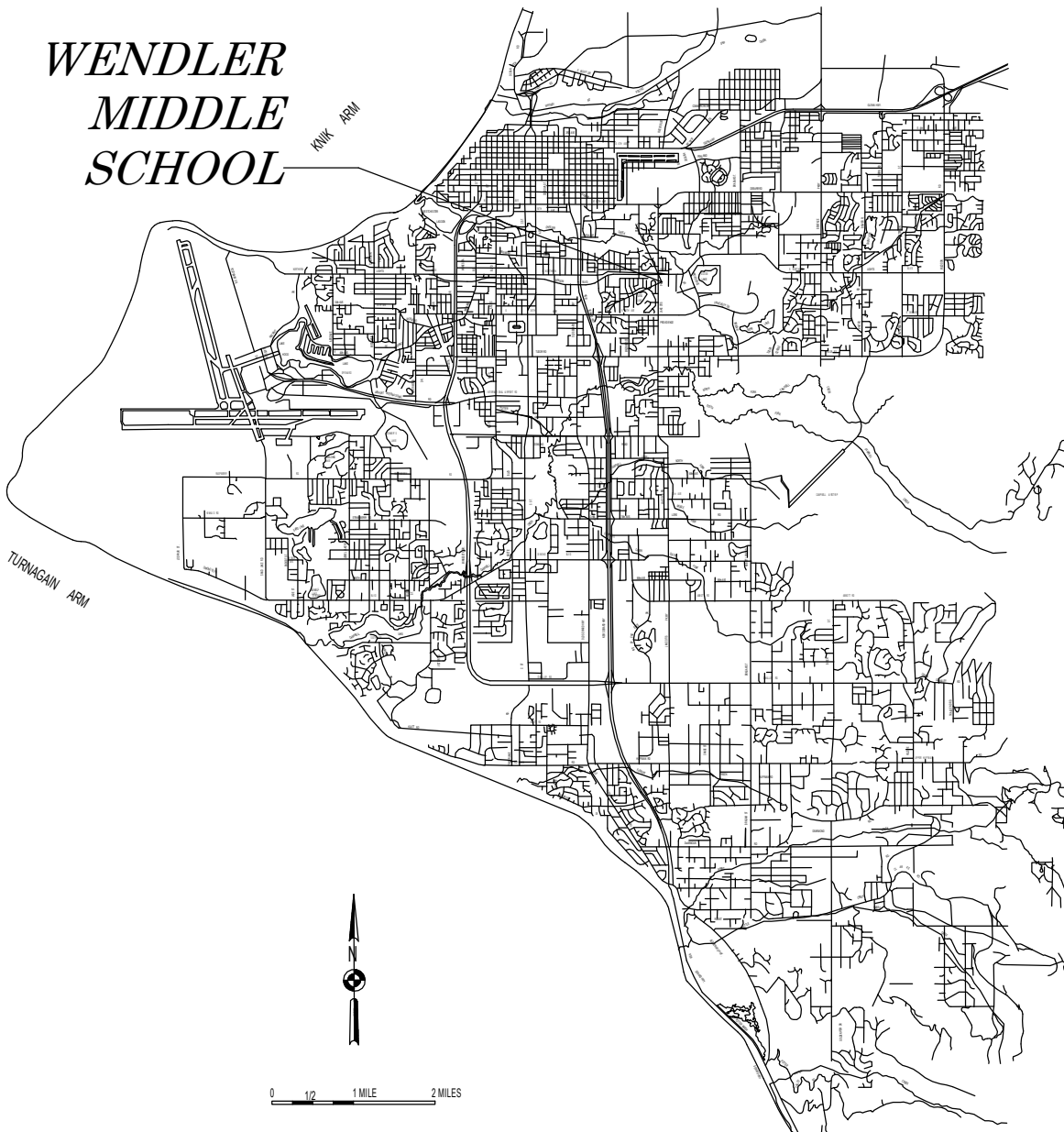
CLIENT

ANCHORAGE SCHOOL DISTRICT
CAPITAL PLANING AND
CONSTRUCTION DEPARTMENT
1301 LABAR STREET
ANCHORAGE, AK 99515-3517
CP&C
907.348.5190 TEL

PROJECT NUMBER: 770011

ENGINEER

EIC ENGINEERS, INC.
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FIRE ALARM AND SECURITY LEGEND

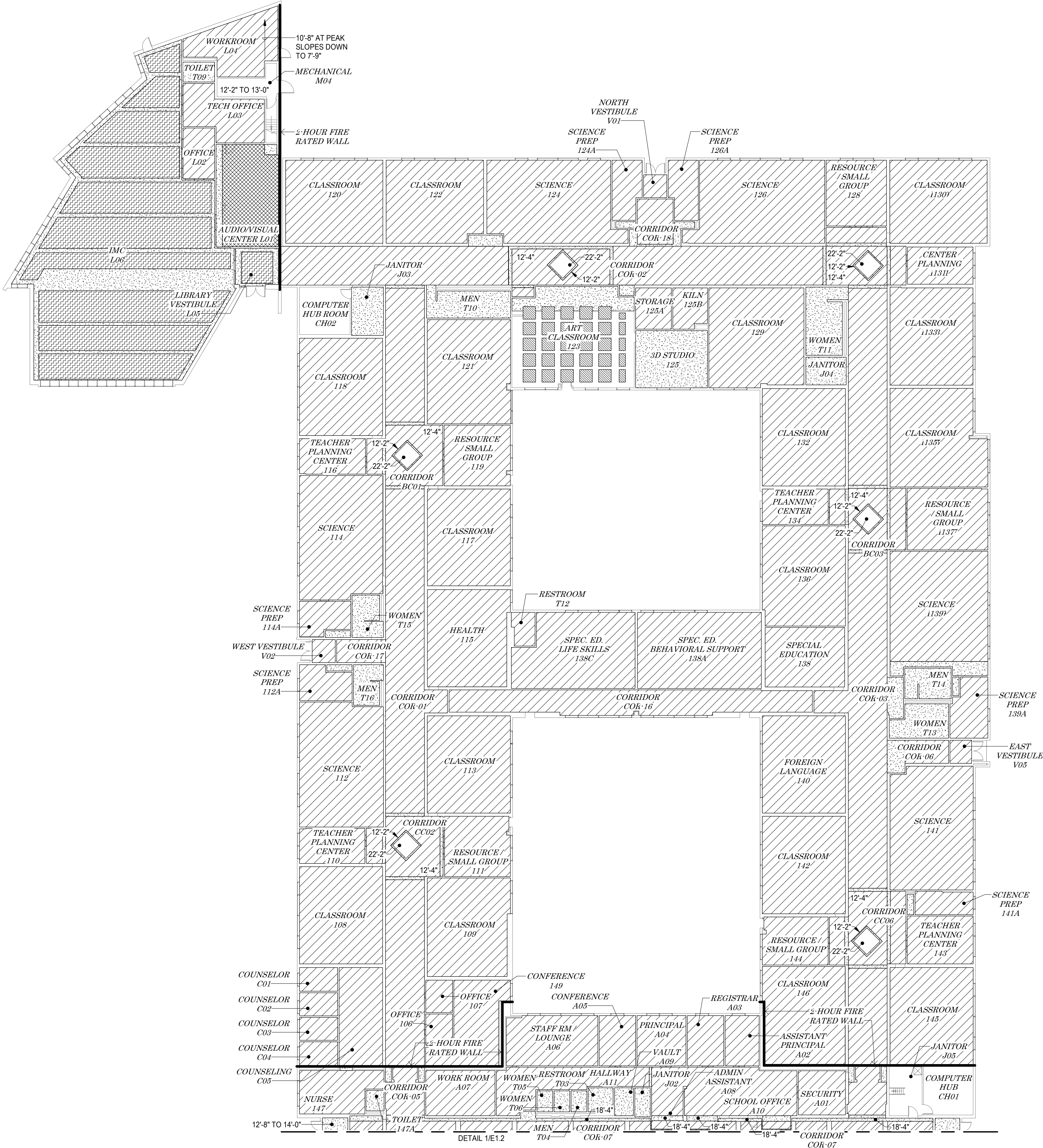
(NOTE: THIS IS A STANDARD LEGEND AND NOT ALL SYMBOLS ARE NECESSARILY USED.)

- MOTOR CONNECTION
- MOTOR CONTROLLER/DISCONNECT
- DUCT SMOKE DETECTOR REMOTE MONITOR/TEST STATION
- SMOKE DETECTOR - DUCT MOUNTED
- SMOKE DETECTOR - PHOTO ELECTRIC
- SMOKE DETECTOR - DOOR RELEASE SERVICE (DRS)
- SMOKE DETECTOR - MULTI-SENSOR TECHNOLOGY
- HEAT DETECTOR - FIXED TEMPERATURE AS NOTED
- FIRE ALARM CONTROLLED MAGNETIC DOOR HOLDER / RELEASE
- FIRE ALARM SPEAKER (WALL; CEILING)
- FIRE ALARM STROBE (WALL; CEILING)
- FIRE ALARM COMBINATION SPEAKER/STROBE (WALL; CEILING)
- FIRE ALARM COMBINATION HORN/STROBE (WALL; CEILING)
- FIRE ALARM PULL STATION
- FIRE ALARM TAMPER SWITCH
- FIRE ALARM FLOW SWITCH
- SIGNAL ZAM
- DETECTOR ZAM
- CONTROL ZAM
- FIRE DOOR
- CONTROL RELAY
- TEST STATION
- DUCT MOUNTED RECEIVER RELAY
- RECEIVER
- TRANSMITTER
- DIGITAL ALARM COMMUNICATOR TRANSMITTER (SECURITY SYSTEM)
- RELAY OUTPUT INTERFACE (SECURITY SYSTEM)
- NETWORK INTELLIGENT CONTROLLER (SECURITY SYSTEM)
- TERMINATION CABINET (SECURITY SYSTEM)
- JUNCTION BOX OR EQUIPMENT CONNECTION - FLEX OR RECEPTACLE AS REQUIRED (CEILING; WALL; FLOOR)
- LINETYPE/LINEWEIGHT DENOTING EXISTING WORK TO REMAIN
- LINETYPE/LINEWEIGHT DENOTING NEW WORK
- LINETYPE/LINEWEIGHT DENOTING DEMO WORK

ABBREVIATIONS	
(D)	DEMOLISH
(E)	EXISTING
(R)	RELOCATED
A	AMPERES
AC	ABOVE COUNTER/BACKSPLASH
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
C	CONDUIT OR CELOIUS
CAT	CATEGORY
CO. C.O.	CONDUIT ONLY
CU	COPPER
EGC	EQUIPMENT GROUNDING CONDUCTOR
F	FAHRENHEIT
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FSD	FIRE SMOKE DAMPER
ID	IDENTIFICATION
IN	INCHES
LCH	LEXAN PROTECTIVE COVER WITH AUDIBLE HORN
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
P	POLES
PNL	PANEL
SMR	SURFACE MOUNTED RACEWAY
SVC	SERVICE
TELECOM	TELECOMMUNICATION
TGB	TELECOMMUNICATION GROUNDING BUSBAR
TMGB	TELECOMMUNICATION MAIN GROUNDING BUSBAR
TYP	TYPICAL
UCN	UNLESS OTHERWISE NOTED
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS OR WIRE
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL SHEET LIST	
NUM	SHEET TITLE
E0.1	TITLE AND LEGEND
E1.1	EXISTING CEILING TYPE PLAN - MAIN LEVEL NORTH
E1.2	EXISTING CEILING TYPE PLAN - MAIN LEVEL SOUTH
E1.3	EXISTING CEILING TYPE PLAN - ATTIC NORTH
E1.4	EXISTING CEILING TYPE PLAN - ATTIC SOUTH
E1.5	CODE STUDY
E2.1	FIRE ALARM SYSTEM MAP - MAIN LEVEL NORTH
E2.2	FIRE ALARM SYSTEM MAP - MAIN LEVEL SOUTH
E2.3	FIRE ALARM SYSTEM MAP - ATTIC NORTH
E2.4	FIRE ALARM SYSTEM MAP - ATTIC SOUTH
E3.1	DEMOLITION FIRE ALARM PLAN - AREA A
E3.2	DEMOLITION FIRE ALARM PLAN - AREA B
E3.3	DEMOLITION FIRE ALARM PLAN - AREA C
E3.4	DEMOLITION FIRE ALARM PLAN - AREA D
E3.5	DEMOLITION FIRE ALARM PLAN - AREA E
E3.6	DEMOLITION FIRE ALARM PLAN - AREA F
E3.7	DEMOLITION FIRE ALARM PLAN - ATTIC AREA B
E3.8	DEMOLITION FIRE ALARM PLAN - ATTIC AREA C
E3.9	DEMOLITION FIRE ALARM PLAN - ATTIC AREA F
E4.1	FIRE ALARM PLAN - AREA A
E4.2	FIRE ALARM PLAN - AREA B
E4.3	FIRE ALARM PLAN - AREA C
E4.4	FIRE ALARM PLAN - AREA D
E4.5	FIRE ALARM PLAN - AREA E
E4.6	FIRE ALARM PLAN - AREA F
E4.7	FIRE ALARM PLAN - ATTIC AREA B
E4.8	FIRE ALARM PLAN - ATTIC AREA C
E4.9	FIRE ALARM PLAN - ATTIC AREA F
E5.1	ONE-LINE DIAGRAMS AND DETAILS
TOTAL SHEETS: 29	

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



1 EXISTING CEILING TYPE PLAN - MAIN LEVEL NORTH
E1.1 SCALE: 1/16" = 1'-0"

CEILING TYPE LEGEND

CEILING HEIGHT IS +10'-0" OR LOWER
UNLESS OTHERWISE NOTED.

- T-BAR GRID CEILING (ACCESSIBLE)
- HARD SURFACE CEILING, WITH NO ACCESS ABOVE CEILING.
- OPEN TO STRUCTURE.
- GLUE ON TILE TO GYPSUM BOARD SUBSTRATE, WITH NO ACCESS ABOVE CEILING.
- OPEN TO STRUCTURE.
- HARD SURFACE CEILING, WITH NO ACCESS ABOVE CEILING.
- OPEN TO STRUCTURE.
- 1 HOUR RATED HORIZONTAL FIRE WALL ON ROOF DECK
- 1 HOUR RATED FIRE AREA (ROOM, WALLS, FLOOR, AND CEILING)
- 2 HOUR FIREWALL

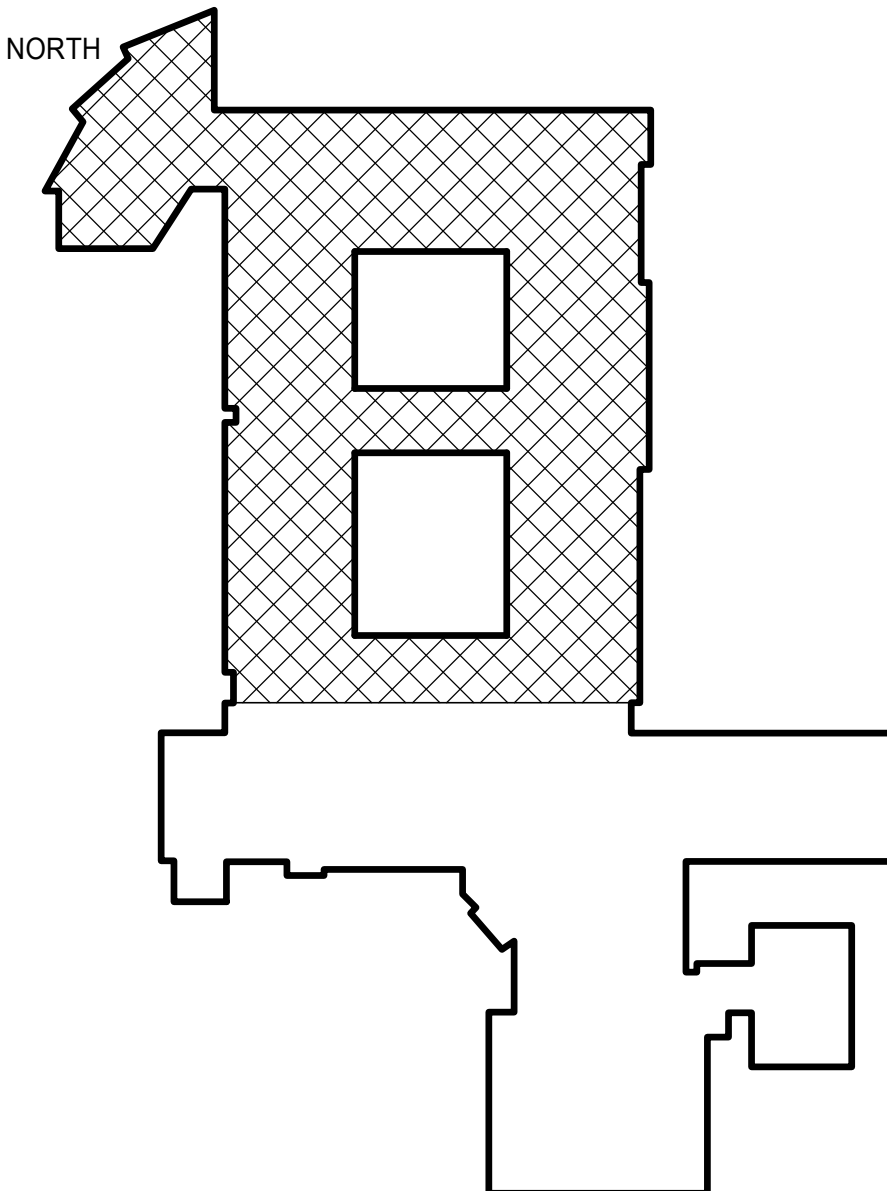
REFERENCED SHEET NOTES

REF NOTE

GENERAL NOTES

- THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A CASUAL WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. IT IS RECOMMENDED THAT THE CONTRACTOR VERIFY CEILING CONDITIONS PRIOR TO BID.
- CEILING TYPES SHOWN ARE FOR CONTRACTOR INFORMATION ONLY. THERE IS NO WORK ASSOCIATE WITH CEILINGS EXCEPT AS NECESSARY FOR RUNNING RACEWAY AND CIRCUITS.

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REVISIONS	
NUM	DESCRIPTION
1	Coordination Items

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

EXISTING CEILING TYPE PLAN - MAIN LEVEL NORTH

SHEET NO.

WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NUM	DESCRIPTION
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN BY	KRR
REVIEWED BY	ENG C

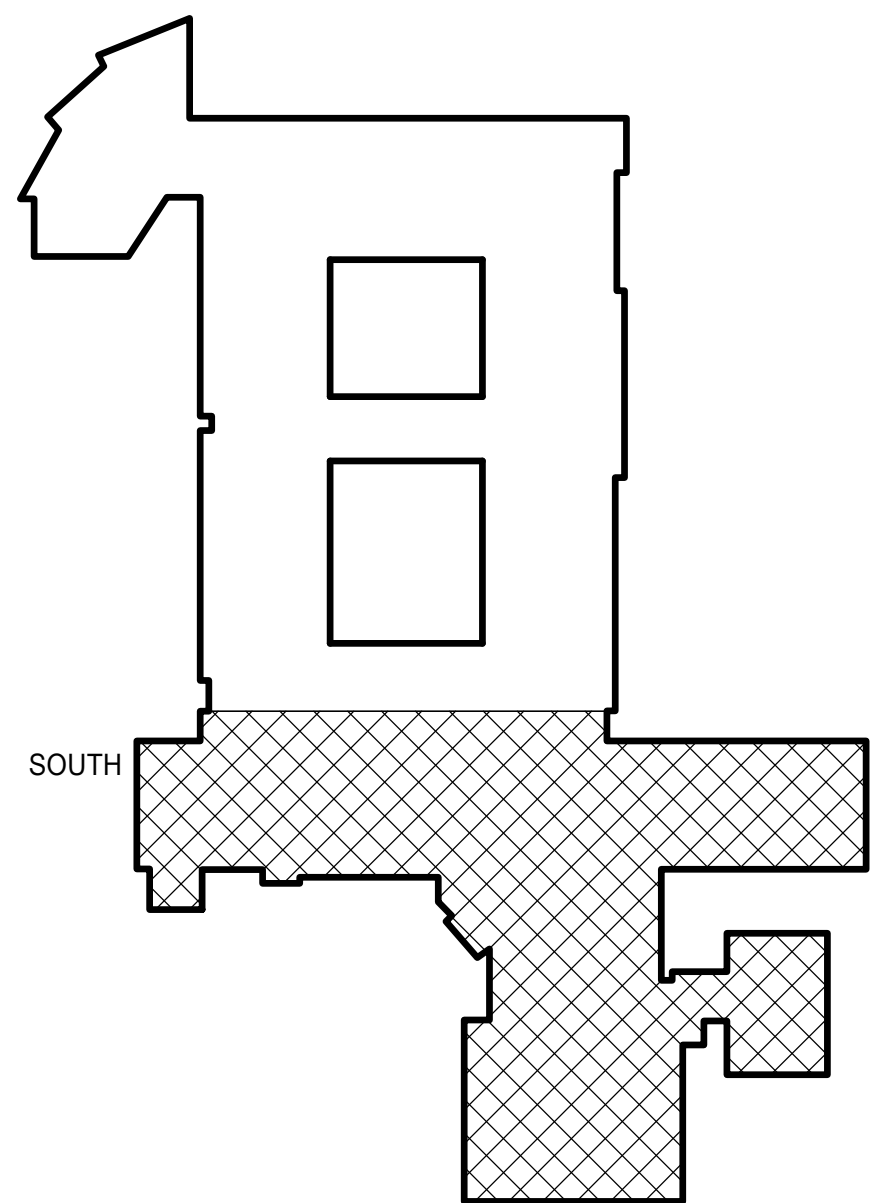
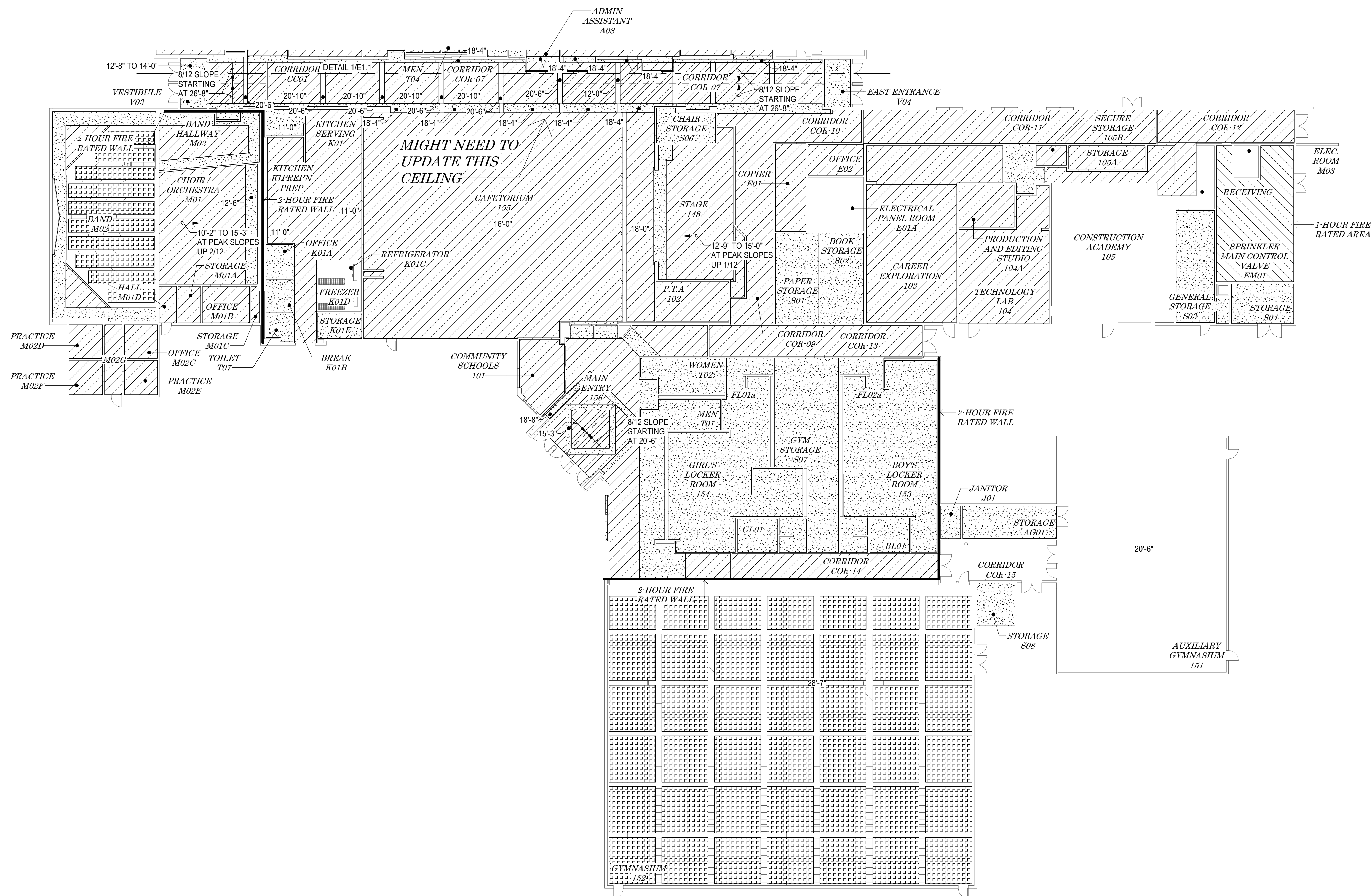
EXISTING CEILING TYPE PLAN - MAIN LEVEL SOUTH	
SHEET NO.	

CEILING HEIGHT IS +10'-0" OR LOWER UNLESS OTHERWISE NOTED.	
	T-BAR GRID CEILING (ACCESSIBLE)
	HARD SURFACE CEILING. WITH NO ACCESS ABOVE CEILING.
	OPEN TO STRUCTURE.
	GLUE ON TILE TO GYPSUM BOARD SUBSTRATE. WITH NO ACCESS ABOVE CEILING.
	OPEN TO STRUCTURE.
	HARD SURFACE CEILING. WITH NO ACCESS ABOVE CEILING.
	OPEN TO STRUCTURE.
	1 HOUR RATED HORIZONTAL FIRE WALL ON ROOF DECK
	1 HOUR RATED FIRE AREA (ROOM, WALLS, FLOOR, AND CEILING)
	2 HOUR FIREWALL

REF	NOTE
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2. CEILING TYPES SHOWN ARE FOR CONTRACTOR INFORMATION ONLY. THERE IS NO WORK ASSOCIATE WITH CEILINGS EXCEPT AS NECESSARY FOR RUNNING RACEWAY AND CIRCUITS.

NOTIFICATION OF POTENTIAL HAZARDS.
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KEY PLAN

1 EXISTING CEILING TYPE PLAN - MAIN LEVEL SOUTH
E1.2 SCALE: 1/16" = 1'-0"

C:\Users\KendraRobbins\OneDrive\Documents\Design - Files\Projects\E25\E25-4675 Wendler MS Fire Alarm DB\DES\E25-4675_ESh24_WendlerMSFireAlarmDB.rvt
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CEILING HEIGHT IS +10'-0" OR LOWER
UNLESS OTHERWISE NOTED.

- 2 HOUR FIREWALL

REF	NOTE
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REVISIONS	
NUM	DESCRIPTION

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENGC

C:\Users\KendraRobbins\EIC Engineers\Design - Files\Projects\E25\E25-4675 Wendler MS Fire Alarm DB\DES\E25-4675_Esh24_WendlerMSFireAlarmDB.rvt
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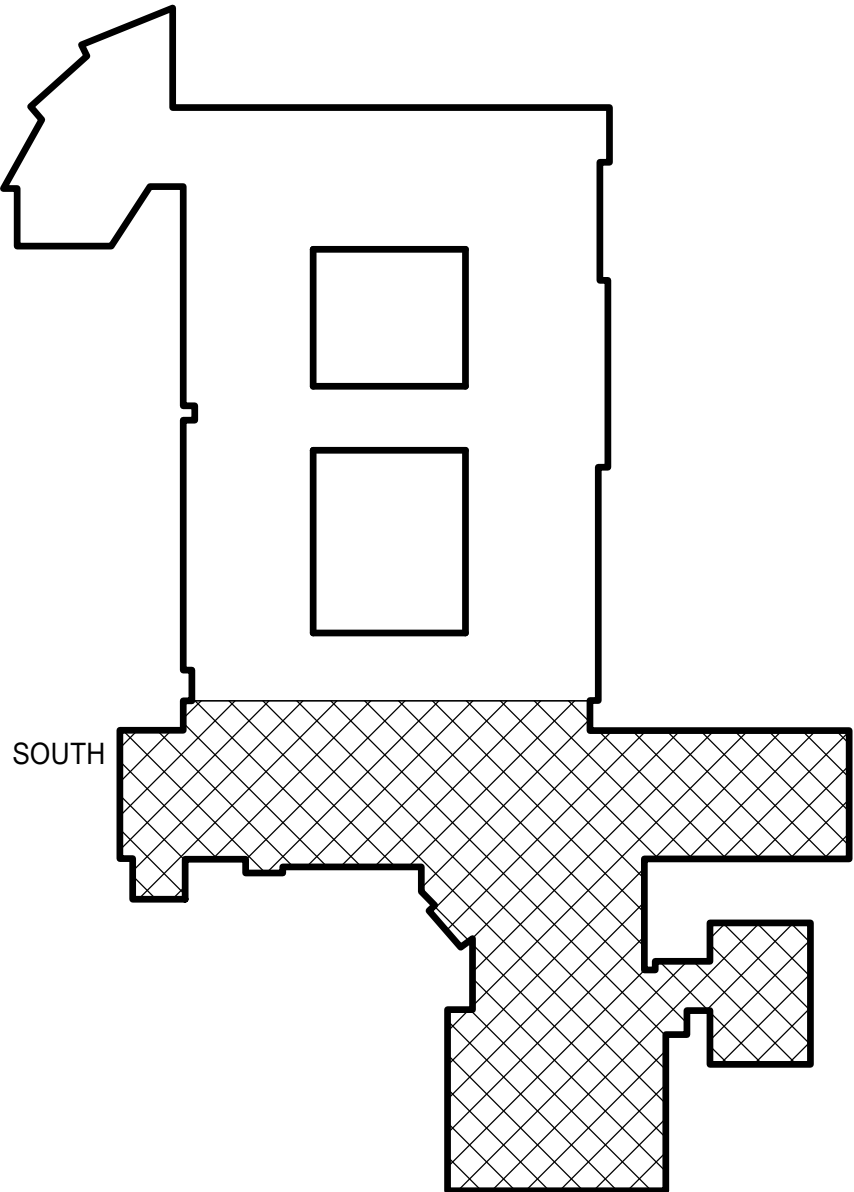
CEILING HEIGHT IS +10'-0" OR LOWER
UNLESS OTHERWISE NOTED.

- ## # REFERENCED SHEET NOTES

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KEY PLAN

1 EXISTING CEILING TYPE PLAN - ATTIC SOUTH
E1.4 SCALE: 1/16" = 1'-0"

EIC ENGINEERS, INC.

ELECTRICAL ENGINEERS



6927 OLD SEWARD HWY, SUITE 200
ANCHORAGE, AK 99518
T 907 349 9712
F 907 349 9713
CORPORATION #AEECC1105
EIC JOB NO. E25-4675
WWW.EICENG.COM



ANCHORAGE

WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NUM	DESCRIPTION

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

EXISTING CEILING
TYPE PLAN - ATTIC
SOUTH

SHEET NO.

E1.4

The following is an analysis for the school referencing the previous construction and occupancy classifications and then the analysis under the current 2018 International Building Code (IBC) as adopted under MOA title 23.

The facility is noted as (5) separate buildings where building #1 is construction type "II-B" and buildings #2, #3, #4 and #5 are type "V-B"; these buildings are separated by 2-hour fire walls per section 705 and table 705.4 footnote "A". All openings in these fire walls are 1-1/2 hour rated. The termination of the fire walls for type II construction will be at the underside of the roof as allowed by exception #3 of section 705.6. The termination of the fire walls in type V construction shall be as per exception #4 of section 705.6 and 705.6.1, exception at the mechanical room and stepped roof locations. Sprinkler protection required.

Corridor construction is not required to be rated per table 1004.3.2.1 footnote "C". Travel distance shall not exceed 250 feet per table 1004.2.4 footnote "B". Boiler rooms, laboratories, vocational shops and storage rooms over 100 SF comply with table 302.1.1. Sprinklers are used in lieu of the one hour construction requirement for the boiler room and the labs/vocational shops, but the walls separating these areas are constructed so as to resist the passage of smoke per section 302.1.1 in the 2002 accumulative supplement to the IBC: storage rooms over 100 SF shall similarly resist the passage of smoke in lieu of the one hour construction requirement in the 2000 IBC.

All area calculations are based on sections 503.1, 503.3, table 503 and section 506.

Corridor walls not rated except where they fall on a 2 or 1-hour separation wall. Smoke rated areas require that penetrations are sealed

Building #1: Type II-B; Group "E" occupancy
Basic allowable area: = 14,500 SF
Frontage increase = 71%, Sprinkler Increase = 300%
IBC Equation 5-1 Allowable Area = 68,296 SF
Actual Area = 46,995 SF

Building #2: Type V-B; Group "E" occupancy
Basic allowable area: = 9,500 SF
Frontage increase = 32%, Sprinkler Increase = 300%
IBC Equation 5-1 Allowable Area = 41,040 SF
Actual Area = 39,997 SF

Building #3: Type V-B; Group "E" occupancy
Basic allowable area: = 9,500 SF
Frontage increase = 34%, Sprinkler Increase = 300%
IBC Equation 5-1 Allowable Area = 41,230 SF
Actual Area = 15,319 SF

Building #4: Type V-B; Group "E" occupancy
Basic allowable area: = 9,500 SF
No increase needed.
Actual Area = 4,897 SF

Building #5: Type V-B; Group "E" occupancy
Basic allowable area: = 9,500 SF
No increase needed.
Actual Area = 7,253 SF

No occupancy calculations were provided, however the plan notes occupants per room & per egress exit.

Required 1-hour protection and smoke barriers are noted on plan.

No fire extinguishers are shown on plan.

2018 IBC Analysis: Under the 2018 IBC the occupancy classification and construction types can remain the same. Allowable heights and areas are updated as follows:

Building #1: Type II-B; Group "E" occupancy
 Allowable Height = 75 ft / (3) stories
 Basic allowable area: = 58,000 SF (Sprinklered, single level)
 Frontage increase = Not required
 Actual Area = 46,995 SF

Building #2: Type V-B; Group "E" occupancy
 Allowable Height = 60 ft / (2) stories
 Basic allowable area = 38,000 SF (Sprinklered, single level)
 Frontage increase = 32% ($9,500 \times 0.32 = 3,040$)
 IBC Equation 5-1 Allowable Area = 41,040 SF
 Actual Area = 39,997 SF

Building #3: Type V-B; Group "E" occupancy
 Allowable Height = 60 ft / (2) stories
 Basic allowable area = 38,000 SF (Sprinklered, single level)
 Frontage increase = Not required
 Actual Area = 15,319 SF

Building #4: Type V-B; Group "E" occupancy
Allowable Height = 60 ft / (2) stories
Basic allowable area: = 38,000 SF (Sprinklered, single level)
Frontage increase = Not required
Actual Area = 4,897 SF

Building #5: Type V-B; Group "E" occupancy
Allowable Height = 60 ft / (2) stories
Basic allowable area = 38,000 SF (Sprinklered, single level)
Frontage increase = Not required
Actual Area = 7,253 SF

Total gross floor area: = 114,461 SF
Total fire area: = 167,188 SF (including mech. attic)

A walk-thru inspection took place on March 12th, 2025.
 Opening protectives for the 2-hour fire walls are rated, 90-minutes.
 Exit signs, fire extinguishers & fire alarm pulls were observed in their required locations on the main level. Additional exit signage should be added to the mechanical attic.

Occupant calculations per 2018 IBC result in 4,658 occupants, see appendix A for area breakdown

Under the 2018 IBC, 303.1.3, A room or space used for assembly purposes that is associated with a group E occupancy is not considered a separate occupancy. The offices/support areas are classified as B Occupancy, and the storage rooms are classified as an S-1 Occupancy but are considered accessory occupancies under Section 508.2 in that their aggregate area does not exceed 10% of the area of the story. Therefore, no occupancy separations are required.

In the matter of the fire alarm requirements, the 2018 IBC changes the requirements dramatically. Under IBC, Section 907.2.3 – exception 4, only a manual alarm system is required from a normally occupied location.

IBC, Section 907.3.1 requires any duct detectors to be connected to the fire alarm system. Under the 2018 analysis, the only duct smoke detectors would be in the return air as required under Section 706 of the International Mechanical Code (IMC). The fire barriers around the boiler room should remain and any duct penetrations in those walls would have fire dampers (not smoke dampers) per IBC, Section 717.5.2. Please note that Exception #3 to IBC, Section 717.5.2 does allow the elimination of the fire damper in the one-hour fire barrier around the boiler/mechanical room because of the automatic sprinkler system. Since the corridors are no longer required to be one-hour fire partitions, no smoke dampers are required at duct penetrations of those wall/ceiling elements.

IBC Table 1006.3.2 requires (4) exit accesses from grade level and (7) exit accesses are provided

Under IBC, Section/Table 1020.1, the corridors do not require a fire-restive rating for having sprinkler protection.

The above analysis reflects the requirements of the 2018 IBC and the local amendments to that code as adopted by the Municipality of Anchorage under Title 23 of the Anchorage Municipal Code.

REF	NOTE
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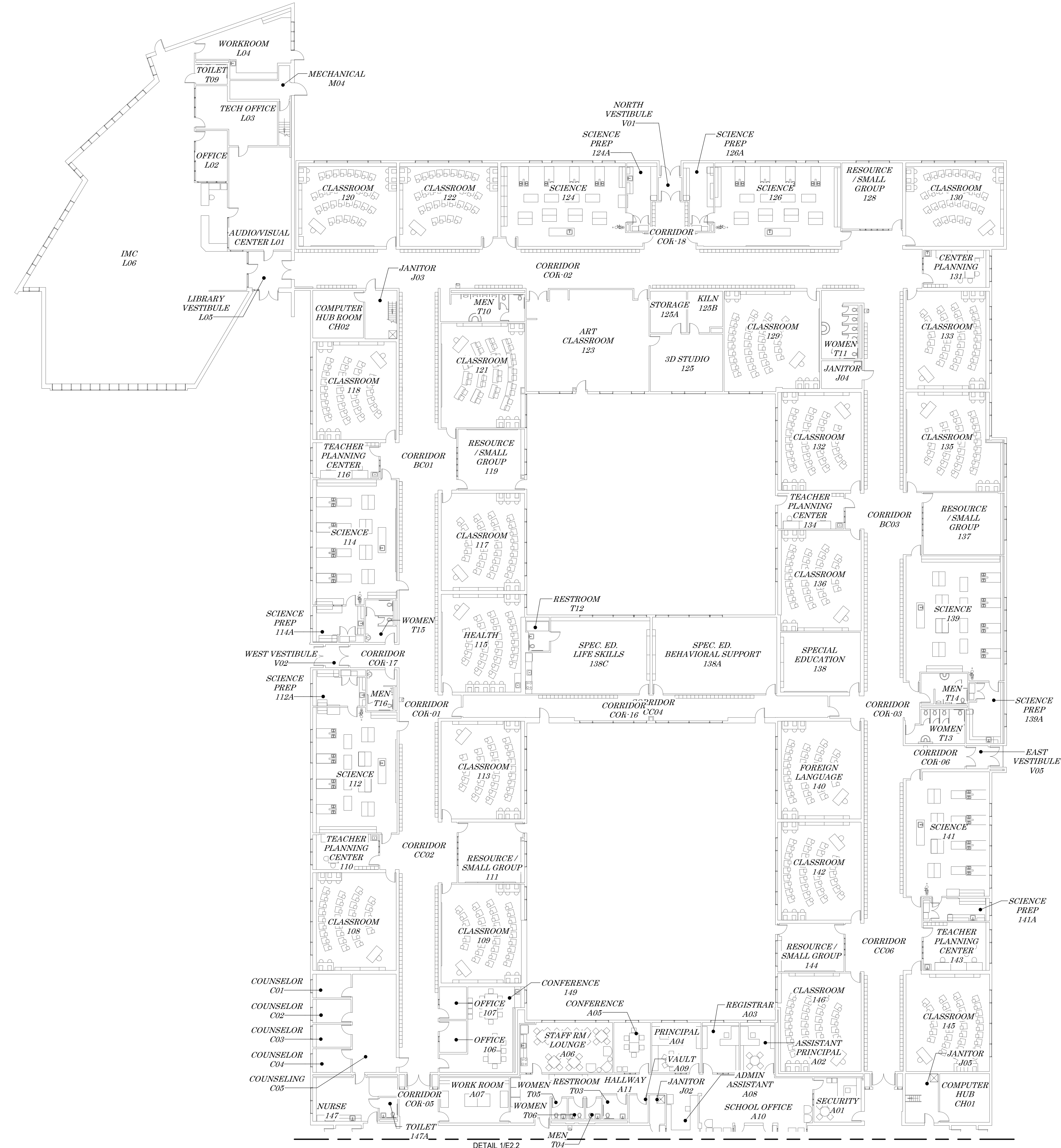
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REVISIONS	
NUM	DESCRIPTION

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

THIS SHEET IS FULL SIZE AT 42"x30"

C:\Users\Nardi\AppData\Local\Temp\Design - Fire\Project\E21\E25-4675-Wendler MS Fire Alarm DB\JES\E25-4675_LSH04_Wendler MS Fire Alarm DB.dwg
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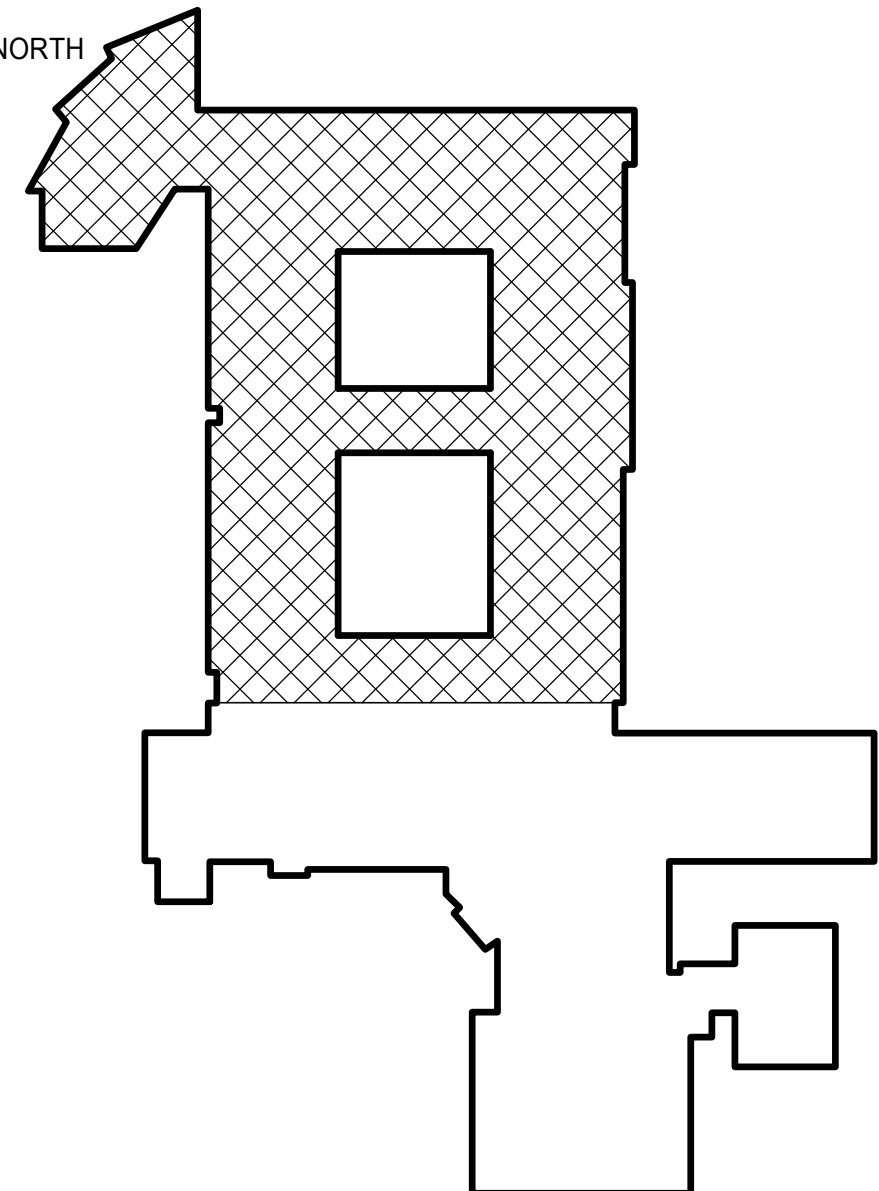
1 FIRE ALARM SYSTEM MAP - MAIN LEVEL NORTH
E2.1 SCALE: 1/16" = 1'-0"

REFERENCED SHEET NOTES
REF NOTE

GENERAL NOTES

1. PROVIDE SYSTEM PER SPECIFICATIONS, MAP AT FACP AND FAA.

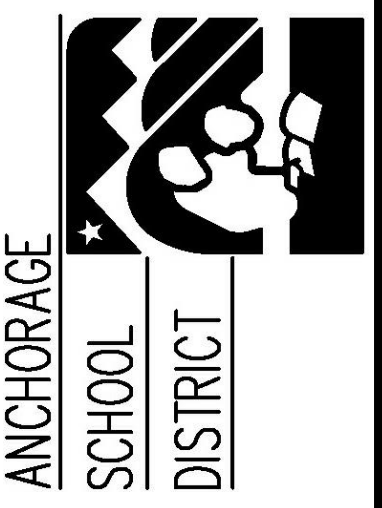
NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



KEY PLAN

STATE OF ALASKA
49TH
EPA N.C. CLARK
EE-12549
10/04/2018
REGISTERED PROFESSIONAL ENGINEER

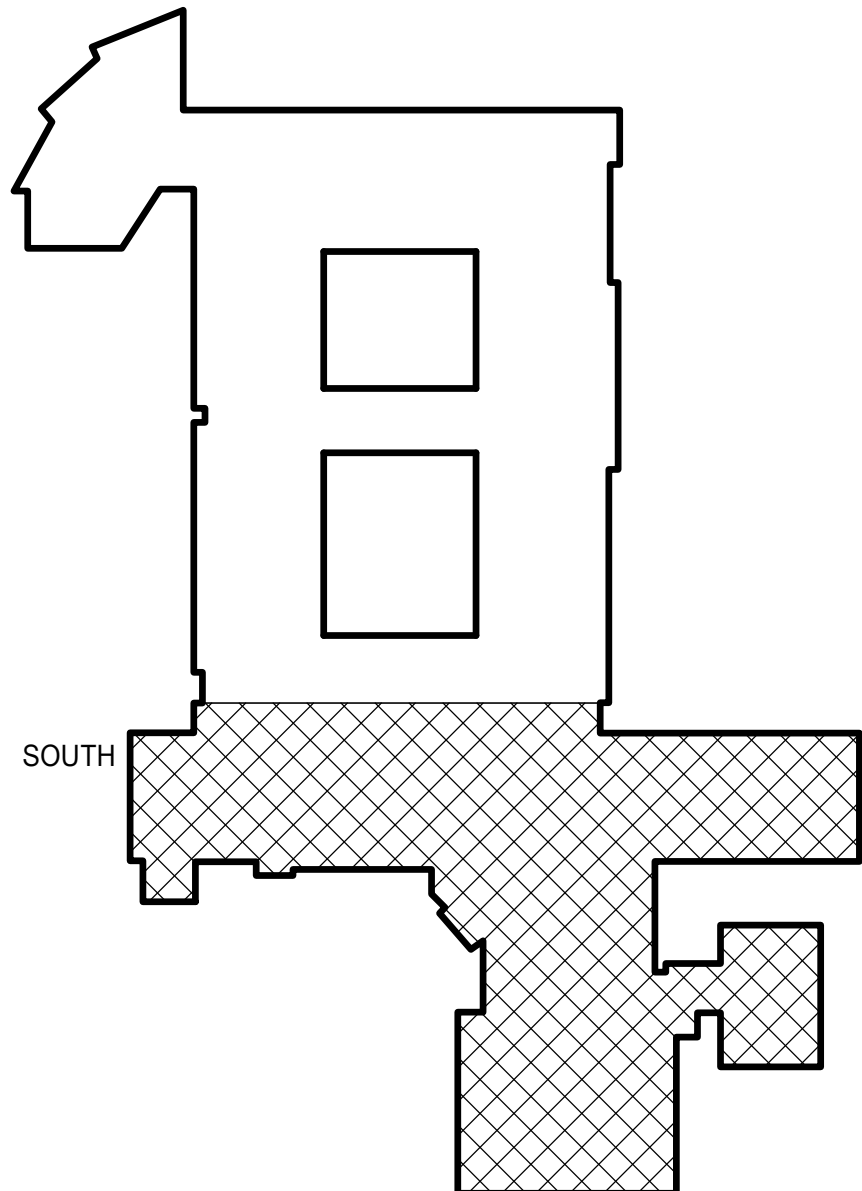
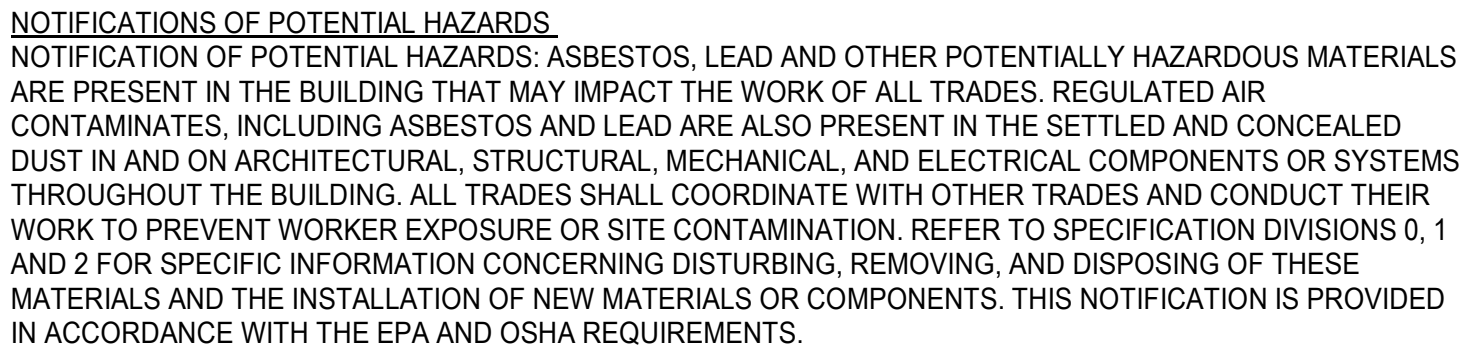
EIC ENGINEERS, INC.
ELECTRICAL ENGINEERS
6927 OLD SEWARD HWY, SUITE 200
ANCHORAGE, ALASKA 99503
CORPORATION #AECG1105
F 907 349 9713
F 907 349 9713
WWW.EICENG.COM



WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NU	DESCRIPTION
M	
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG
FIRE ALARM SYSTEM MAP - MAIN LEVEL NORTH	
SHEET NO.	
E2.1	

C:\Users\KendraRobbins\EIC Engineers\Design - Files\Projects\E25-4675 Wendler MS Fire Alarm DB\DES\E25-4675_ESh24_WendlerMSFireAlarmDB.rvt
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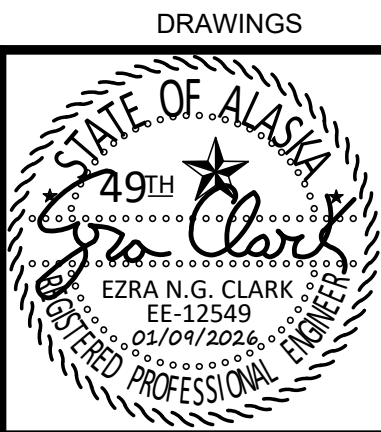
KEY PLAN

REF	NOTE
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REF	NOTE
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1. PROVIDE SYSTEM PER SPECIFICATIONS. MAP AT FACP AND FAA.

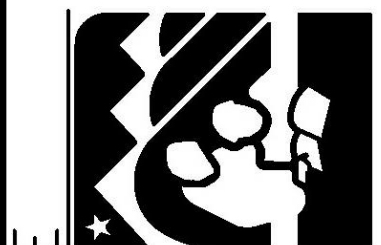
1. PROVIDE SYSTEM PER SPECIFICATIONS, MAP AT FACP AND FAA.



EIC ENGINEERS, INC.
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 CORPORATION #AEC1105
EIC JOB NO. E25-4675



ANCHORAGE
SCHOOL
DISTRICT

WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NUM	DESCRIPTION

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

**FIRE ALARM
SYSTEM MAP -
MAIN LEVEL SOUTH**

SHEET NO.

E2.2



SCALE: 1/16" = 1'-0"

Drawings - Page 9 of 29

REF	NOTE
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1. PROVIDE SYSTEM PER SPECIFICATIONS. MAP AT FACP AND FAA.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, SUCH AS ASBESTOS, LEAD, AND SILICA, MAY BE PRESENT IN THE SETTLED OR CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE CONTAMINANTS. INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



REVISIONS	
N U M	D E S C R I P T I O N

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

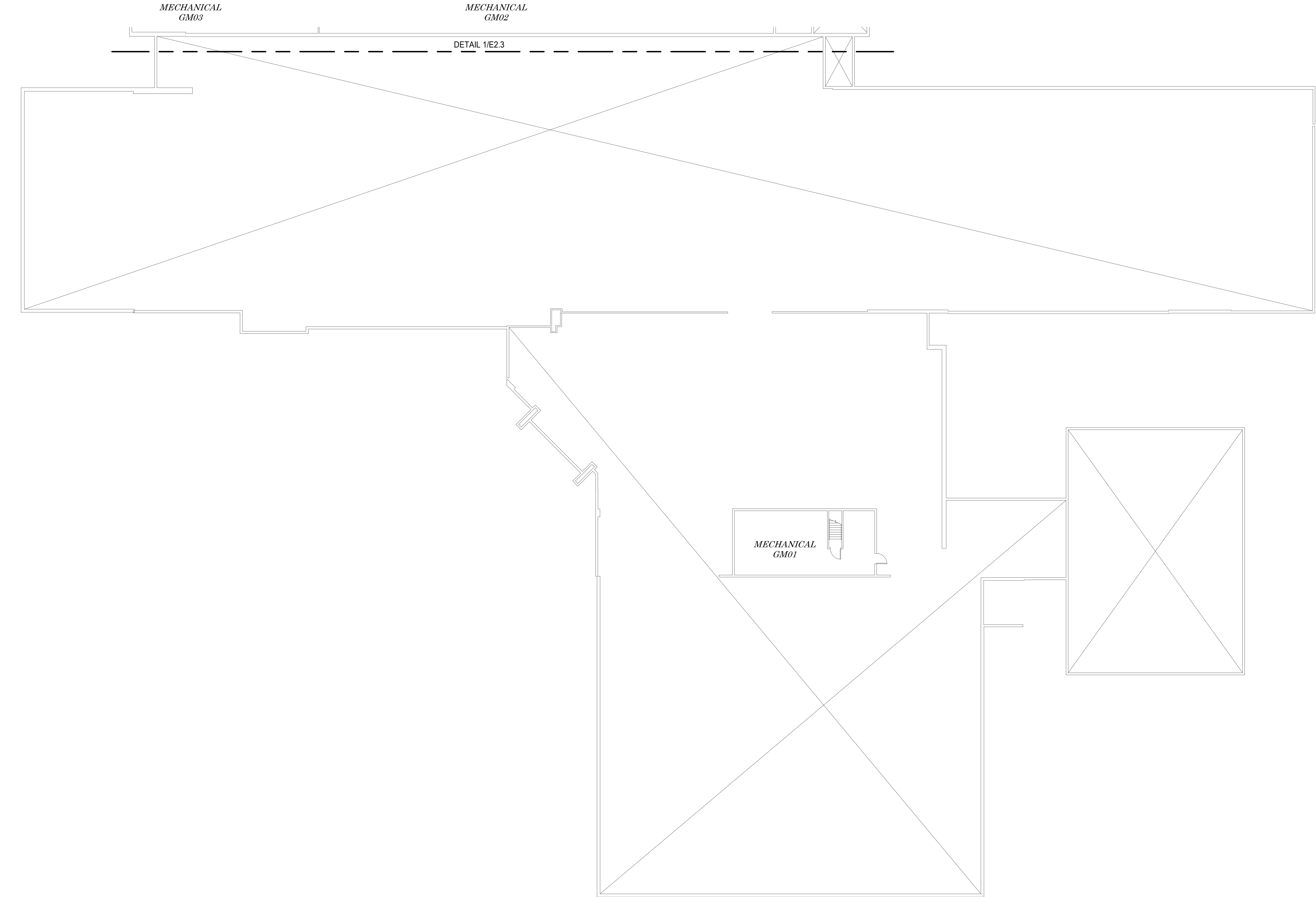
**FIRE ALARM
SYSTEM MAP -
ATTIC NORTH**

SHEET NO.

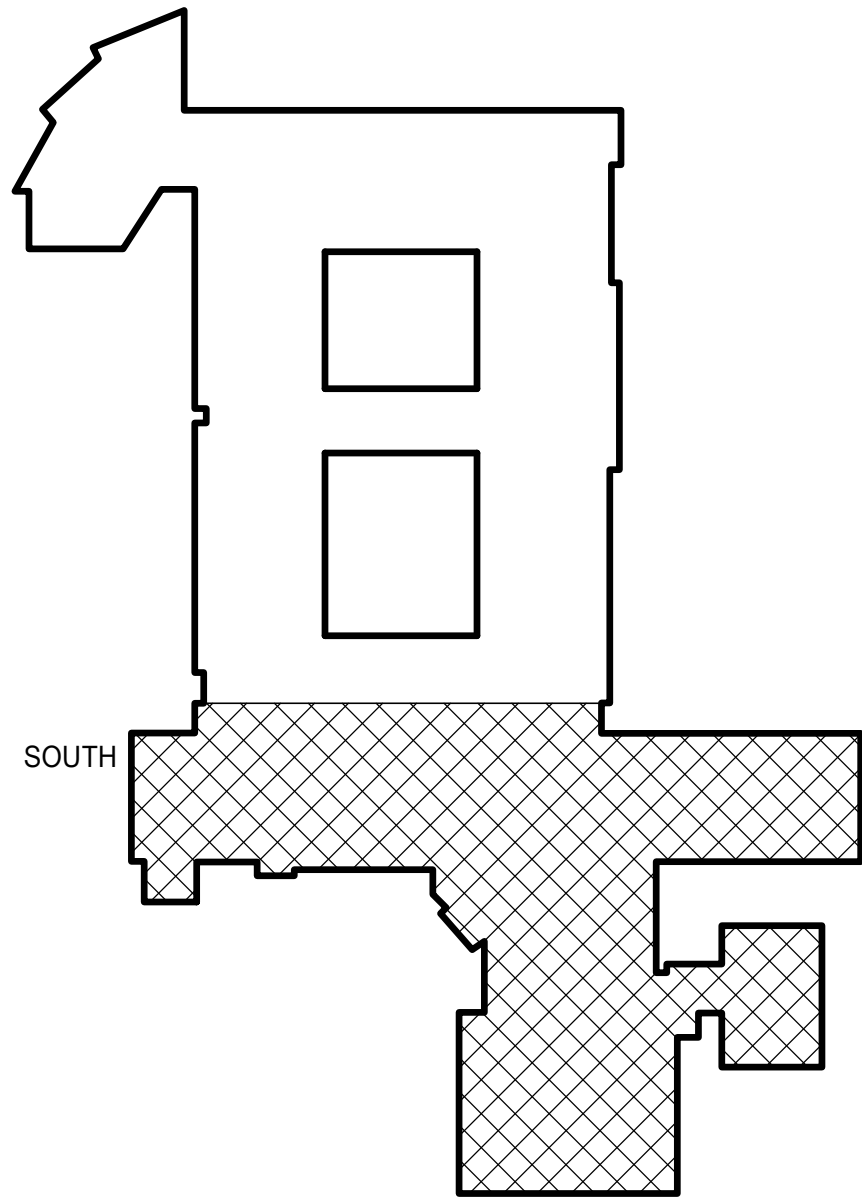
E2.3

THIS SHEET IS FULL SIZE AT 42"x30"

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01/09/2026 07:12:57 : EC:0955 : N00089 : 4444 : 01/09/2026



1 FIRE ALARM SYSTEM MAP - ATTIC SOUTH
E2.4 SCALE: 1/16" = 1'-0"



KEY PLAN

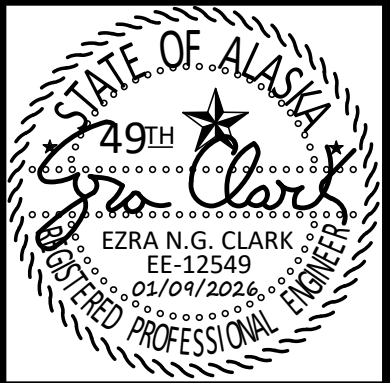
REFERENCED SHEET NOTES

REF NOTE

GENERAL NOTES

1. PROVIDE SYSTEM PER SPECIFICATIONS, MAP AT FACP AND FAA.

NOTIFICATIONS OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



EIC ENGINEERS, INC.
ELECTRICAL ENGINEERS

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F 907 349 9713
CORPORATION #AECG1105
EIC JOB NO. E25-4675
WWW.EICENG.COM



**WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508**

REVISIONS	
NU	DESCRIPTION
M	

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

**FIRE ALARM
SYSTEM MAP -
ATTIC SOUTH**

SHEET NO.
E2.4

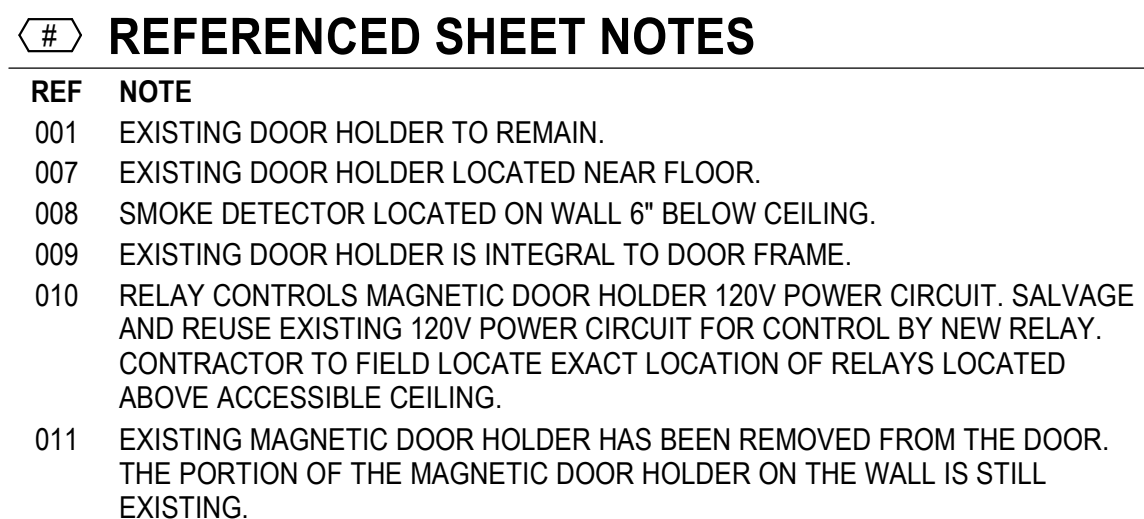
Wendler MS Fi
Project 770011



NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, SUCH AS ASBESTOS, LEAD, AND SILICA, MAY BE PRESENT IN THE SETTLED OR CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND COMPONENTS. NEW MATERIALS, NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.

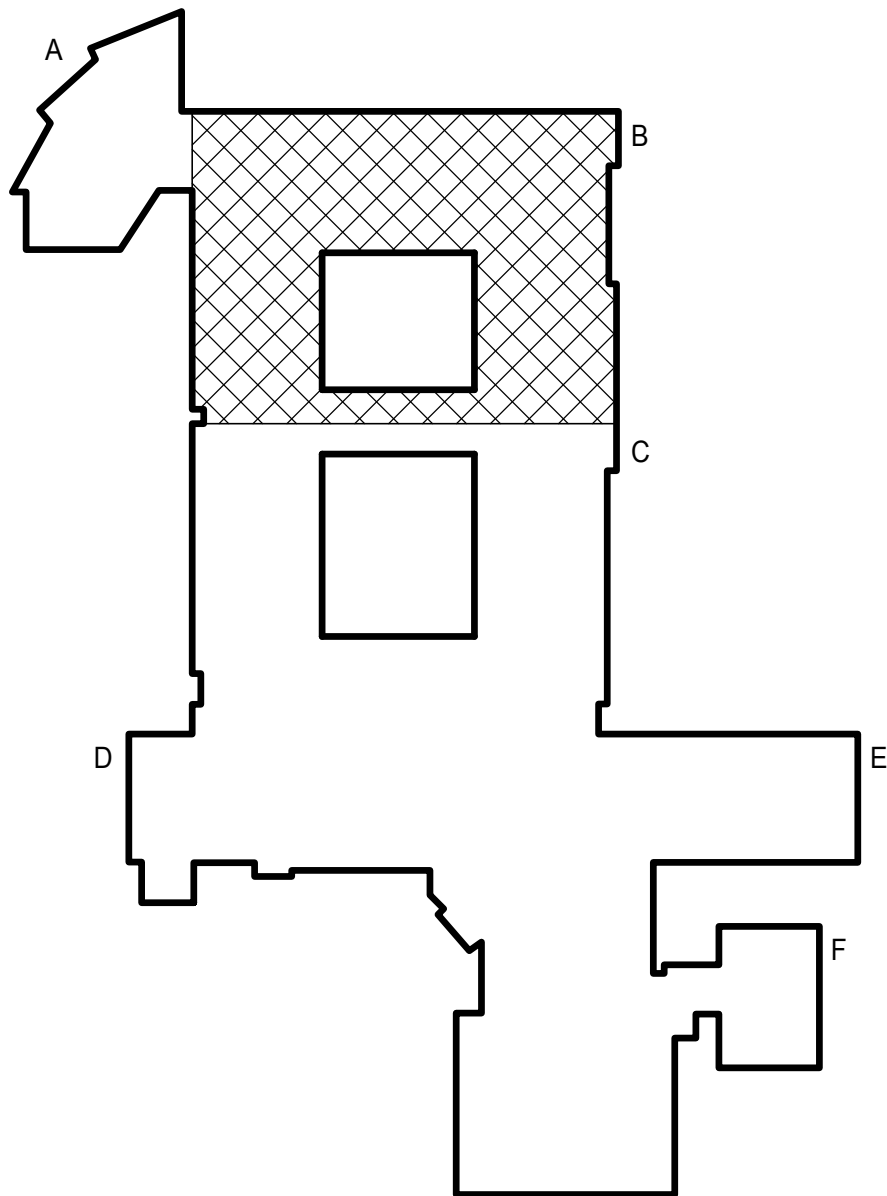


WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508



1. ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED WITH AN (E) FOR EXISTING TO REMAIN.
2. REMOVE ALL DEVICES AND SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED.
3. CONTRACTORS OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW DEVICES. ALL CONDUIT RE-USED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE SPACE. WHERE CONDUIT IS USED, CONDUIT IS ROUTED THROUGH AN EXISTING WALL, CEILING OR FLOOR. IT SHALL BE CUT ON BOTH SIDS, PLUGGED/CAPPED AND ABANDONED IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
4. THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING DEMOLITION. THESE SHOP DRAWINGS SHALL SHOW THE LOCATION OF ALL EXISTING DEMOLITION TO BE DEMOLISHED, AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVE CONDUIT DEMOLITION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
5. PROVIDE AND INSTALL CUSTOM MADE STAINLESS STEEL COVERS AT ALL NON-ABANDONED RECESSED WALL MOUNTED DEVICE LOCATIONS. EXISTING WALL BOXES ARE NON-STANDARD SIZE. SEE DETAILS 4IES.1, 5IES.1, 6IES.1, AND 7IES.1 FOR ALL RECESSED WALL MOUNTED DEVICES.
6. PROVIDE SNAP-IN PLATE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES AT ALL ABANDONED CEILING MOUNTED DEVICE LOCATIONS EXCLUDING HALLWAY LOCATIONS (UON). FOR ABANDONED CEILING MOUNTED DEVICES IN HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT. PROVIDE NEW STAINLESS STEEL COVERS IF RECONFIGURATION IS NOT AN OPTION.
7. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9IEEx. ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDERS. IF REUSE IS NOT DESIRED, DEMOLISH ALL CONDUIT AND WIRE WHICH IS NOT REUSED WITH THE NEW FIRE ALARM SYSTEM.
8. ALL MOTOR CONNECTIONS SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
9. ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL ASSOCIATED FIRE ALARM CONTROL RELAYS.
10. WIRE AND CABLE ROUTING SHALL BE EXISTING. DEMOLISH FIRE ALARM CABLE COMPLETELY, AND DO NOT REUSE.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS SUCH AS ASBESTOS AND LEAD MAY BE PRESENT IN THE SETTLED OR CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE CONTAMINATED INSULATION, PAINT, OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



KEY PLAN

1 DEMOLITION FIRE ALARM PLAN - AREA B
E3.2 SCALE: 1/8" = 1'-0"

WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

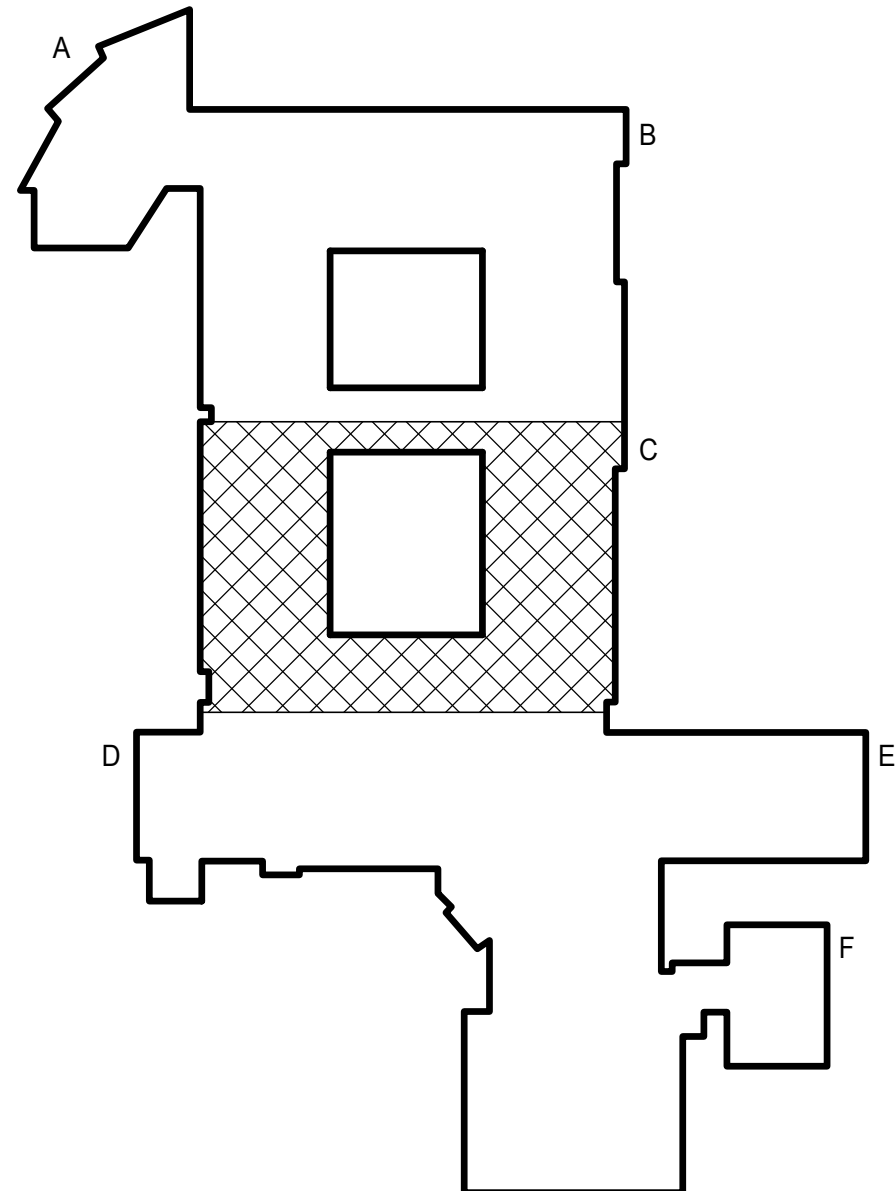
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JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

**DEMOLITION FIRE
ALARM PLAN -
AREA C**

SHEET NO.

E3.3



KEY PLAN

REF	NOTE
001	EXISTING DOOR HOLDER TO REMAIN.
007	EXISTING DOOR HOLDER LOCATED NEAR FLOOR.
009	EXISTING DOOR HOLDER IS INTEGRAL TO DOOR FRAME.
010	RELAYS CONTROLS MAGNETIC DOOR HOLDER 120V POWER CIRCUIT. SALVAGE AND REUSE EXISTING 120V POWER CIRCUIT FOR CONTROL BY NEW RELAY. CONTRACTOR TO FIELD LOCATE EXACT LOCATION OF RELAYS LOCATED ABOVE ACCESSIBLE CEILING.
011	EXISTITION OF MAGNETIC DOOR HOLDER HAS BEEN REMOVED FROM THE DOOR. THE PORTION OF THE MAGNETIC DOOR HOLDER ON THE WALL IS STILL EXISTING.

1. ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED WITH AN (E) FOR EXISTING TO REMAIN.
2. REMOVE ALL DEVICES AND SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED.
3. CONTRACTORS OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW DEVICES. ALL CONDUIT RE-USED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE SPACE. WHERE CONDUIT IS USED AND ROUTED THROUGH AN EXISTING WALL, CEILING OR FLOOR, IT SHALL BE CUT ON BOTH SIDES, PLUGGED/CAPPED AND ABANDONED IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
4. THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING DEMOLITION. THESE SHOP DRAWINGS SHALL SHOWING ALL EXISTING CONDUIT TO BE REMOVED AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVE CONDUIT DEMOLITION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
5. PROVIDE AND INSTALL CUSTOM MADE STAINLESS STEEL COVERS AT ALL ABANDONED RECESSED WALL MOUNTED LOCATIONS. EXISTING WALL COVERS ARE NON-APPLICABLE. SEE DETAILS 4/E.S.1, 5/E.S.1, 6/E.S.1, AND 7/E.S.1 FOR APPROVED INSTALLATION METHODS.
6. PROVIDE SNAP-IN-PLACE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES AT ALL ABANDONED CEILING MOUNTED DEVICES LOCATIONS EXCLUDING HALLWAY LOCATIONS (UON). FOR ABANDONED CEILING MOUNTED DEVICES IN HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT. PROVIDE NEW STAINLESS STEEL COVERS IF RECONFIGURATION IS NOT AN OPTION.
7. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/E.x. ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDERS. IF THE CONTRACTOR DOES NOT REUSE ALL CONDUIT AND WIRE WHICH IS NOT REUSED WITH THE NEW FIRE ALARM SYSTEM.
8. ALL MOTOR CONNECTIONS SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
9. ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL ASSOCIATED FIRE ALARM CONTROL RELAYS.
10. WHERE EXISTING FIRE ALARM PANEL EXISTS, DEMOLISH FIRE ALARM PANEL COMPLETELY AND DO NOT REUSE.

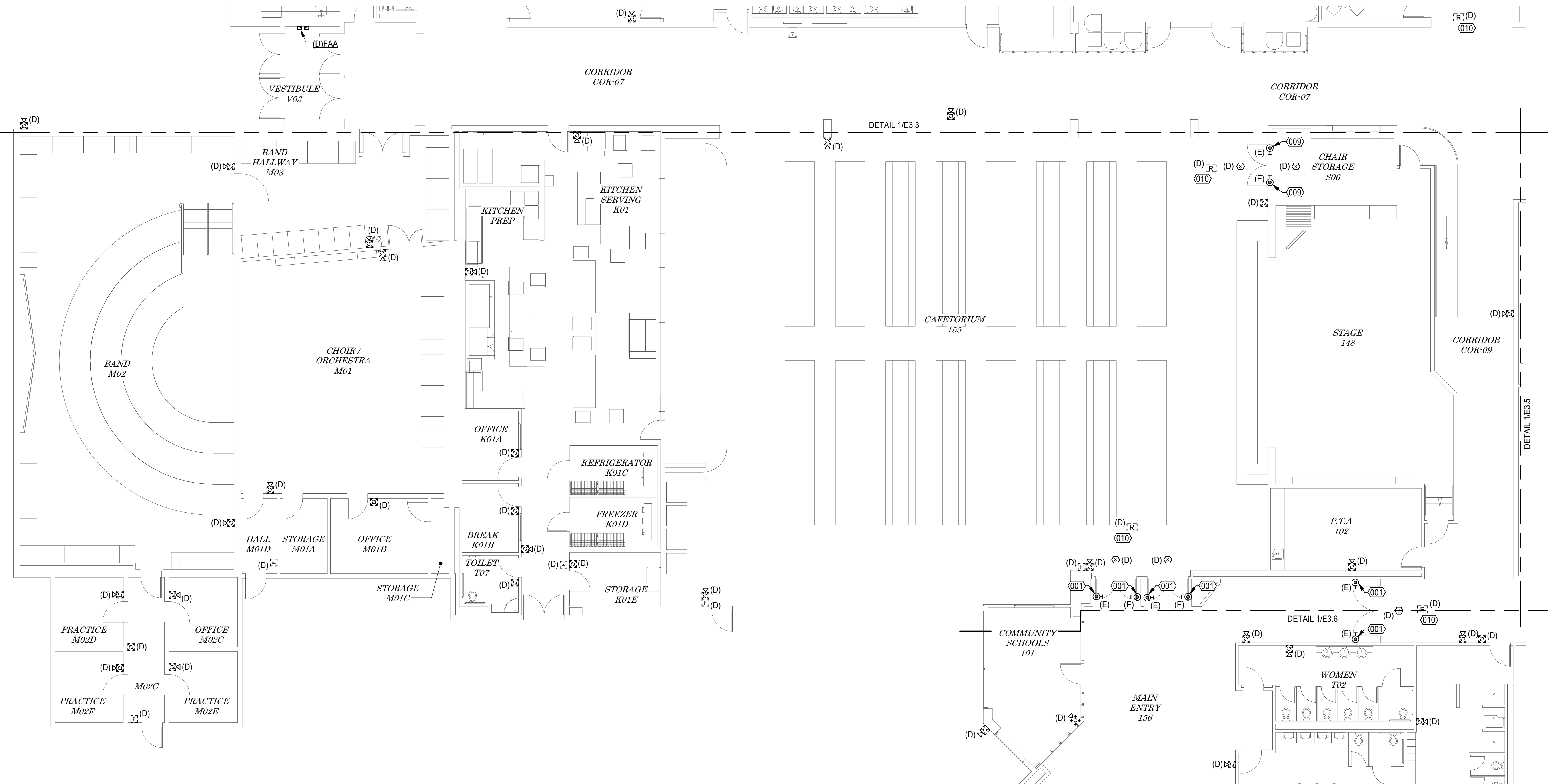
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK IN A MANNER THAT MINIMIZES THE RELEASE OF DUST. FOR ADDITIONAL INFORMATION, REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.

① DEMOLITION FIRE ALARM PLAN - AREA C

E3.3 SCALE: 1/8" = 1'-0"

THIS SHEET IS FULL SIZE AT 1/2"=30'

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1
E3.4 DEMOLITION FIRE ALARM PLAN - AREA D
SCALE: 1/8" = 1'-0"

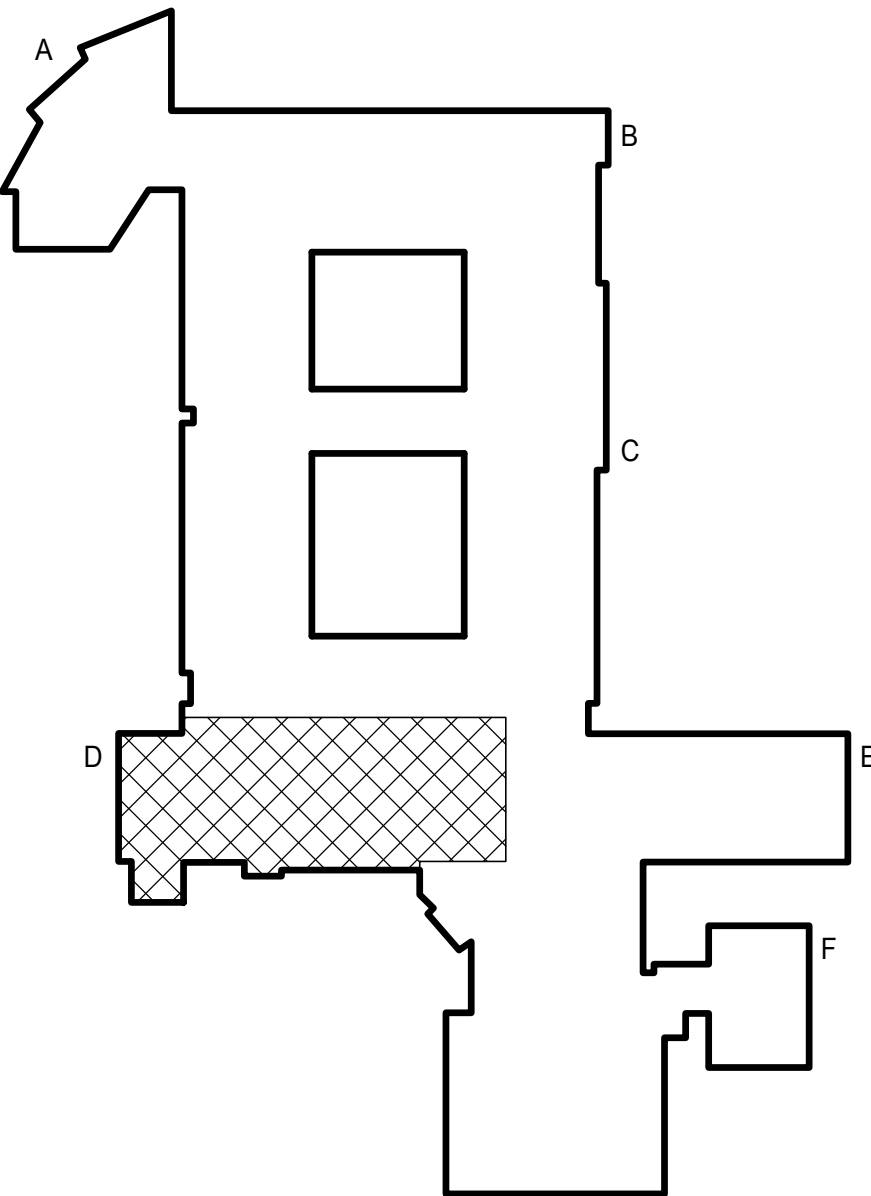
REFERENCED SHEET NOTES

REF	NOTE
001	EXISTING DOOR HOLDER TO REMAIN.
009	EXISTING DOOR HOLDER IS INTEGRAL TO DOOR FRAME.
010	RELAY CONTROLS MAGNETIC DOOR HOLDER 120V POWER CIRCUIT. SALVAGE AND REUSE EXISTING 120V POWER CIRCUIT FOR CONTROL BY NEW RELAY. CONTRACTOR TO FIELD LOCATE EXACT LOCATION OF RELAYS LOCATED ABOVE ACCESSIBLE CEILING.

GENERAL NOTES

- ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED WITH AN (E) FOR EXISTING TO REMAIN.
- REMOVE ALL DEVICES AND SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED (UON).
- CONTRACTOR'S OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW DEVICES. ALL CONDUIT RE-USED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE CEILING SPACE. WHERE THE UNUSED CONDUIT IS ROUTED THROUGH AN EXISTING WALL, CEILING OR FLOOR, IT SHALL BE CUT ON BOTH SIDES. PLUGGED/CAPPED AND ABANDONED IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
- THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING DEMOLITION. THESE SHOP DRAWINGS SHALL SHOW ALL EXISTING CONDUIT TO BE REUSED, ALL EXISTING CONDUIT TO BE DEMOLISHED, AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVED CONDUIT DEMOLITION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. ALL FIELD CHANGES SHALL BE APPROVED BY ASD REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
- PROVIDE AND INSTALL CUSTOM MADE STAINLESS STEEL COVERS AT ALL ABANDONED RECESSED WALL MOUNTED DEVICE LOCATIONS. EXISTING WALL BOXES ARE NON-STANDARD SIZE. SEE DETAILS 4/E5.1, 5/E5.1, 6/E5.1, AND 7/E5.1 FOR APPROVED INSTALLATION METHODS.
- PROVIDE SNAP-IN-PLACE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES AT ALL ABANDONED CEILING MOUNTED DEVICE LOCATIONS EXCLUDING HALLWAY LOCATIONS (UON). FOR ABANDONED CEILING MOUNTED DEVICES IN HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT. PROVIDE NEW STAINLESS STEEL COVERS IF RECONFIGURATION IS NOT AN OPTION.
- SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/EX.x.
- ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDERS. THE CONTRACTOR SHALL DEMOLISH ALL CONDUIT AND WIRE WHICH IS NOT REUSED WITH THE NEW FIRE ALARM SYSTEM.
- ALL MOTOR CONNECTIONS SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
- ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL ASSOCIATED FIRE ALARM CONTROL RELAYS.
- WHERE EXISTING FIRE ALARM MC CABLE EXISTS, DEMOLISH FIRE ALARM MC CABLE COMPLETELY AND DO NOT REUSE.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



KEY PLAN

STATE OF ALASKA
29TH
E25125-4675
ANCHORAGE
ELECTRICAL ENGINEER
E.C. JOHNSON
E.C. JOHNSON

EIC ENGINEERS, INC.
ELECTRICAL ENGINEERS
6927 OLD SEWARD HWY, SUITE 200
ANCHORAGE, ALASKA 99515
F 907.349.9713
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ANCHORAGE
SCHOOL
DISTRICT

WENDLER MIDDLE SCHOOL FIRE ALARM REPLACEMENT DESIGN-BUILD BRIDGING DOCUMENTS 2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NU	DESCRIPTION
M	
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG
DEMOLITION FIRE ALARM PLAN - AREA D	
SHEET NO.	
E3.4	



REF	NOTE
001	EXISTING DOOR HOLDER TO REMAIN.
005	EXISTING SPRINKLER FLOW AND TAMPER SWITCHES TO REMAIN. DEMOLISH ALL EXISTING FIRE ALARM RELAYS AND WIRING. SALVAGE SPRINKLER FLOW AND TAMPER SWITCHES FOR REUSE.
010	RELAY CONTROLS MAGNETIC DOOR HOLDER 120V POWER CIRCUIT. SALVAGE AND REUSE EXISTING 120V POWER CIRCUIT FOR CONTROL BY NEW RELAY. CONTRACTOR TO FIELD LOCATE EXACT LOCATION OF RELAYS LOCATED ABOVE ACCESSIBLE CEILING.
015	EXISTING DUST COLLECTION SYSTEM TO REMAIN. TIE IN EXISTING FLAMEX FLE3000 TO NEW FIRE ALARM SYSTEM.

1. ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED WITH AN (E) FOR EXISTING TO REMAIN.
2. REMOVE ALL DEVICES AND SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED.
3. CONTRACTORS OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW DEVICES. ALL CONDUIT RE-USED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE CEILING SPACE. WHERE UNUSED CONDUIT IS ROUTED THROUGH AN EXISTING WALL, CEILING OR FLOOR, IT SHALL BE LEFT ON BOTH SIDES, PLUGGED/CAPPED AND ABANDONED IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
4. THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING DEMOLITION. THESE SHOP DRAWINGS SHALL SHOW THE LOCATION OF ALL EXISTING CONDUIT TO BE DEMOLISHED, AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVED CONDUIT DEMOLITION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
5. PROVIDE AND INSTALL CUSTOM MADE STAINLESS STEEL COVERS AT ALL ABANDONED RECESSED WALL MOUNTED DEVICES LOCATIONS. EXISTING WALL PLATES AND NON-STANDARD SIZES SHALL BE DETAIL 4IES.1, 5ES.1, 6ES.1, AND 7ES.1 FOR APPROVED INSTALLATION METHODS.
6. PROVIDE SNAP-IN PLATE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES AT ALL ABANDONED CEILING MOUNTED DEVICES LOCATIONS EXCLUDING HALLWAY LOCATIONS (UON). FOR ABANDONED CEILING MOUNTED DEVICES IN HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT. PROVIDE NEW STAINLESS STEEL COVERS IF RECONFIGURATION IS NOT AN OPTION.
7. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9EX.x.
8. ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDER. IF THE CONTRACTOR DOES NOT REUSE THE CONDUIT AND WIRE WHICH IS NOT REUSED WITH THE NEW FIRE ALARM SYSTEM.
9. ALL MOTOR CONNECTIONS SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
10. ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL ASSOCIATED FIRE ALARM CONTROL RELAYS WHERE EXISTING FIRE ALARM CONTROL CABLE EXISTS. DEMOLISH FIRE ALARM CABLE EXISTING COMPLETELY AND DO NOT REUSE.

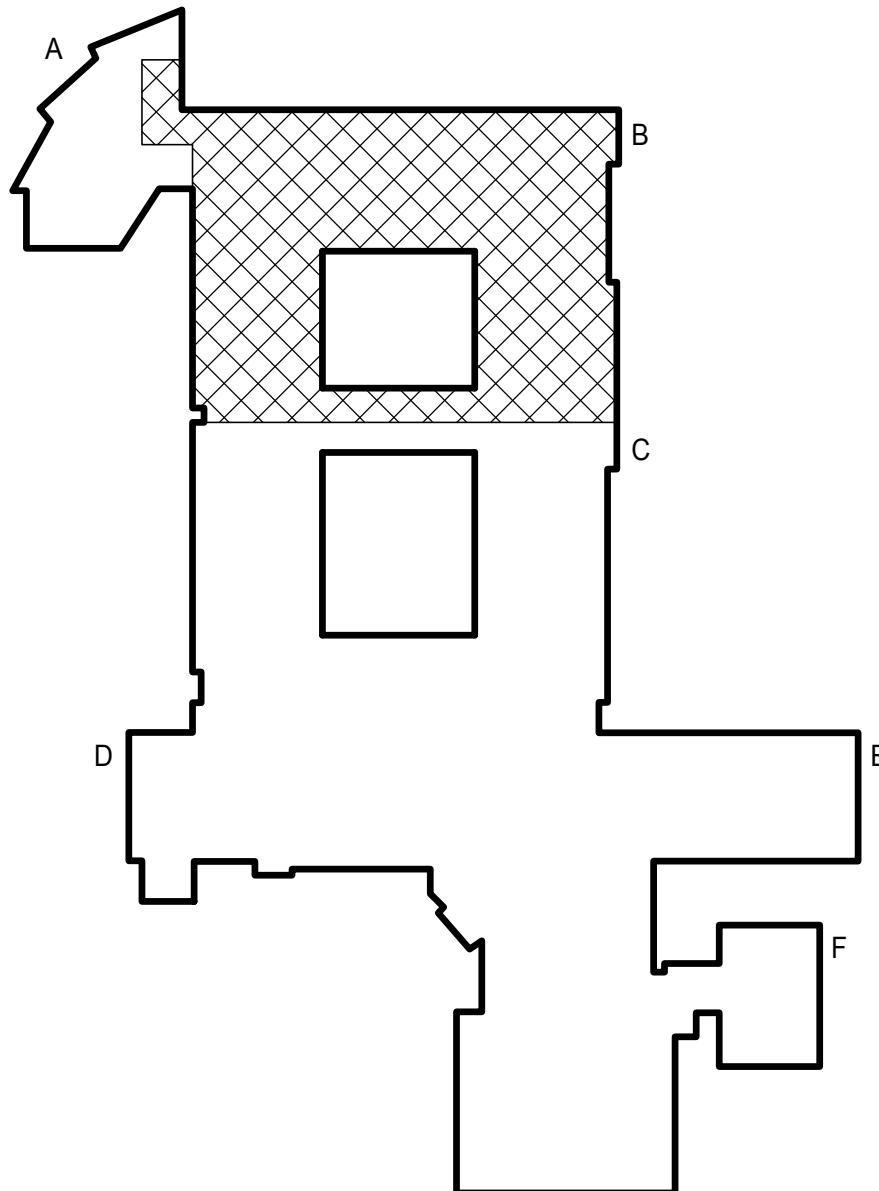
NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS SUCH AS ASBESTOS AND LEAD MAY BE PRESENT IN THE SETTLED DUST, CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE CONTAMINANTS AND THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



- ## GENERAL NOTES
1. ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED OTHERWISE.
 2. REMOVE ALL DEVICES EXISTING TO THE SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED (UON).
 3. CONTRACTOR'S OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW CONDUIT. ALL CONDUIT TO BE REUSED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE CEILING SPACE. WHERE THE UNUSED CONDUIT IS ROUTED THROUGH AN ACCESSIBLE WALL, CEILING OR FLOOR, IT SHALL BE CUT ON BOTH SIDES, FLUING CLIPPED AND CAPPED OFF IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
 4. THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING DEMOLITION. THESE SHOP DRAWINGS SHALL SHOW THE LOCATION OF ALL EXISTING CONDUIT TO BE DEMOLISHED, AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVED CONDUIT DEMOLITION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REVISIONED WITH ANY CHANGES MADE IN THE FIELD. ALL FIELD CHANGES SHALL BE PROPOSED AND APPROVED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
 5. PROVIDE AND INSTALL CUSTOM MADE STAINLESS STEEL COVERS AT ALL ABANDONED RECESSED WALL MOUNTED DEVICE LOCATIONS. EXISTING WALL BOXES ARE NON-STANDARD SIZE. SEE DETAILS 4/E1, 5/E1, 1, 6/E1, 1, AND 7/E1.1 FOR APPROVED INSTALLATION METHODS.
 6. PROVIDE SNAP-IN-PLACE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES AT ALL ABANDONED CEILING MOUNTED DEVICE LOCATIONS EXCLUDING SPRINKLER HEADS. PROVIDE SPRINKLER HEADS TO MATCH MOUNTED DEVICE. IN A HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT. PROVIDE NEW STAINLESS STEEL COVERS IF RECONFIGURATION IS NOT AN OPTION.
 7. REMOVE ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/E1 x.
 8. ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDERS. THE CONTRACTOR SHALL DEMOLISH ALL CONDUIT AND WIRE WHICH IS NOT REUSED WITH THE NEW FIRE ALARM SYSTEM.
 9. ALL EXISTING FIRE ALARM PANELS ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
 10. ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL ASSOCIATED FIRE ALARM CONTROL RELAYS.
 11. WHERE EXISTING FIRE ALARM SYSTEM EXISTS, DEMOLISH FIRE ALARM M/C CABLE COMPLETELY, AND DO NOT REUSE.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS SUCH AS ASBESTOS AND LEAD MAY BE PRESENT IN THE SETTLED OR CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS. THE INSTALLATION OF NEW MATERIALS OR COMPONENTS, THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.

Wendler MS Fire Alarm Replacement Design-Build
Project 770011

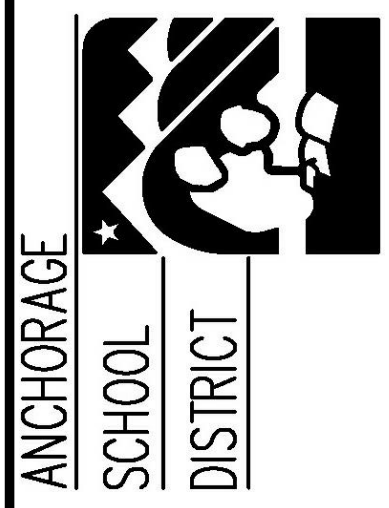


REF	NOTE
005	EXISTING SPRINKLER FLOW AND TAMPER SWITCHES TO REMAIN. DEMOLISH ALL EXISTING FIRE ALARM RELAYS AND WIRING. SALVAGE SPRINKLER FLOW AND TAMPER SWITCHES FOR REUSE.

- # GENERAL NOTES
1. ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED WITH AN (E) FOR EXISTING TO REMAIN.
 2. REMOVE ALL DEVICES AND SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED (UON).
 3. IF THE OWNER'S OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW DEVICES, ALL CONDUIT RE-USED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE CEILING SPACE. WHERE THE UNUSED CONDUIT IS ROUTED THROUGH AN EXISTING WALL, CEILING OR FLOOR, IT SHALL BE PLUGGED, CAPED, OR PLUGGED/CAPPED AND ABANDONED IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
 4. THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ALL EXISTING AND INSTALLED CUSTOM MADE STEEL MOUNTED DEVICES. SHOP DRAWINGS SHALL SHOW ALL EXISTING CONDUIT TO BE REUSED, ALL EXISTING CONDUIT TO BE DEMOLISHED, AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVED CONDUIT DEMOLITION SHOP DRAWINGS SHALL BE SUBMITTED TO THE SITE AND THE CONTRACTOR SHALL MAINTAIN IT AT THE FIELD. ALL FIELD CHANGES SHALL BE APPROVED BY ASD REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
 5. DEMOLITION AND INSTALLATION OF STEEL MOUNTED DEVICES, EXISTING WALL, ABANDONED RECESSED WALL MOUNTED DEVICES LOCATIONS, EXISTING WALL BOXES ARE NON-STANDARD SIZE. SEE DETAILS 4/4.5, 5/5.1, 6/6.1, 5 AND 7/6.1 FOR APPROVED INSTALLATION METHODS.
 6. PROVIDE SNAP-IN-PLACE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES FOR ABANDONED AND INSTALLED DEVICES LOCATIONS EXCEPT IN HALLWAY LOCATIONS (UON). FOR ABANDONED CEILING MOUNTED DEVICES IN HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT, PROVIDE NEW STEELLESS SLAT COVERS IF RECONFIGURATION IS NOT AN OPTION.
 7. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/4x.x.
 8. ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDERS. THE CONTRACTOR SHALL DEMOLISH ALL CONDUIT AND WIRE WHICH IS NOT REQUIRED FOR THE EXISTING DOOR HOLDERS.
 9. ALL MOTOR CONNECTIONS SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
 10. ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL ASSOCIATED FIRE ALARM CONTROL RELAYS.
 11. WHEN EXISTING FIRE ALARM SYSTEM EXISTS, DEMOLISH FIRE ALARM CABLE COMPLETELY AND DO NOT REUSE.

NOTIFICATION OF POTENTIAL HAZARDS.
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS
ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES.
REGULATED AIR
CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED
AND CONCEALED
DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL
COMPONENTS OR SYSTEMS
THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND
CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION.
REFER TO SPECIFICATION DIVISIONS 01 AND 2 FOR SPECIFIC INFORMATION
REGARDING THE IDENTIFICATION, REMEDIATION, AND REMOVAL OF THESE MATERIALS AND THE
INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN
ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.

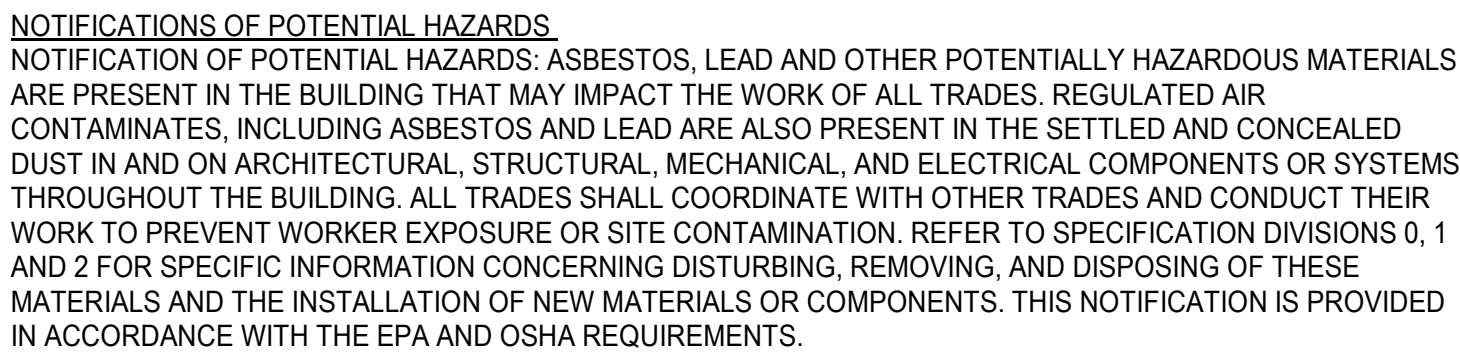
KEY PLAN



WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NUM	DESCRIPTION
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENGC
DEMOLITION FIRE ALARM PLAN - ATTIC AREA B	
SHEET NO.	
E3.7	

Wendler MS Fire Alarm Replacement Design-Build
 2011-2012 \$300,000



REF	NOTE
005	EXISTING SPRINKLER FLOW AND TAMPER SWITCHES TO REMAIN. DEMOLISH ALL EXISTING FIRE ALARM RELAYS AND WIRING. SALVAGE SPRINKLER FLOW AND TAMPER SWITCHES FOR REUSE.

1. ALL DEVICES SHOWN ARE TO BE DEMOLISHED UNLESS OTHERWISE DENOTED WITH AN (E) FOR EXISTING TO REMAIN.
2. REMOVE ALL DEVICES AND SURFACE MOUNTED BACKBOXES SHOWN ON DRAWINGS AND DEMOLISH ALL ASSOCIATED CONDUCTORS, UNLESS OTHERWISE NOTED.
3. CONTRACTORS OPTION TO REUSE EXISTING CONDUIT FOR INSTALLATION OF NEW DEVICES. ALL CONDUIT RE-USED SHALL BE UPGRADED AS NECESSARY TO MEET CURRENT SPECIFICATION AND NEC REQUIREMENTS. DEMOLISH ALL UNUSED CONDUIT WHERE EXPOSED OR WHERE LOCATED IN AN ACCESSIBLE PLACEMENT. WHERE THE UNUSED CONDUIT IS ROUTED THROUGH AN EXISTING WALL, CEILING OR FLOOR, IT SHALL BE LEFT IN PLACE, UNLESS PILING/CAPPED AND ABANDONED IN PLACE. SUCH THAT THE EXISTING WALL, CEILING OR FLOOR DOES NOT NEED TO BE DISTURBED.
4. THE CONTRACTOR SHALL PROVIDE CONDUIT DEMOLITION SHOP DRAWINGS FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING DEMOLITION. THESE SHOP DRAWINGS SHALL SHOW THE LOCATION OF ALL EXISTING CONDUIT TO BE DEMOLISHED, AND ALL EXISTING CONDUIT TO BE ABANDONED IN PLACE BASED ON THE CONTRACTOR'S INITIAL FIELD INVESTIGATION. A FIELD COPY OF THE APPROVE CONDUIT DEMOLITION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. THE FIELD COPY SHALL BE APPROVED BY ASD REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT DEMOLITION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
5. PROVIDE AND INSTALL CUSTOM MADE STAINLESS STEEL COVERS AT ALL ABANDONED RECESSED WALL MOUNTED DEVICE LOCATIONS. EXISTING WALL PLATES ARE NON-REMOVABLE. SEE DETAILS 4/E.1, 5/E.1, 6/E.1, AND 7/E.1 FOR APPROVED INSTALLATION METHODS.
6. PROVIDE SNAP-IN-PLACE, COLOR TO MATCH WALL OR CEILING, CIRCULAR COVER PLATES AT ALL ABANDONED CEILING MOUNTED DEVICE LOCATIONS EXCLUDING HALLWAY LOCATIONS (UON). FOR ABANDONED CEILING MOUNTED DEVICES IN HALLWAY RECONFIGURE CEILING SLATS TO ACCOMMODATE NEW LAYOUT. PROVIDE NEW STAINLESS STEEL COVERS IF RECONFIGURATION IS NOT AN OPTION.
7. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/E.x.
8. ALL MAGNETIC DOOR HOLDERS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S OPTION TO REUSE THE CONDUIT AND WIRE FOR POWER TO THE EXISTING DOOR HOLDER OR TO REMOVE THE DOOR CONTROL WIRE AND CONDUIT AND WIRE WHICH IS NOT REUSED WITH THE NEW FIRE ALARM SYSTEM.
9. ALL MOTOR CONNECTIONS SHOWN ARE EXISTING TO REMAIN. DEMOLISH ALL FIRE ALARM CONTROL RELAYS FROM ASSOCIATED MOTOR CONTROLLER.
10. ALL SPRINKLER FLOW AND SPRINKLER TAMPER SWITCHES SHOWN ARE EXISTING TO REMAIN.
11. WHERE EXISTING FIRE ALARM M/C CABLE EXISTS, DEMOLISH FIRE ALARM M/C CABLE COMPLETELY AND DO NOT REUSE.



REVISIONS	
N U M	D E S C R I P T I O N
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENGC
DEMOLITION FIRE ALARM PLAN - ATTIC AREA C	
SHEET NO.	

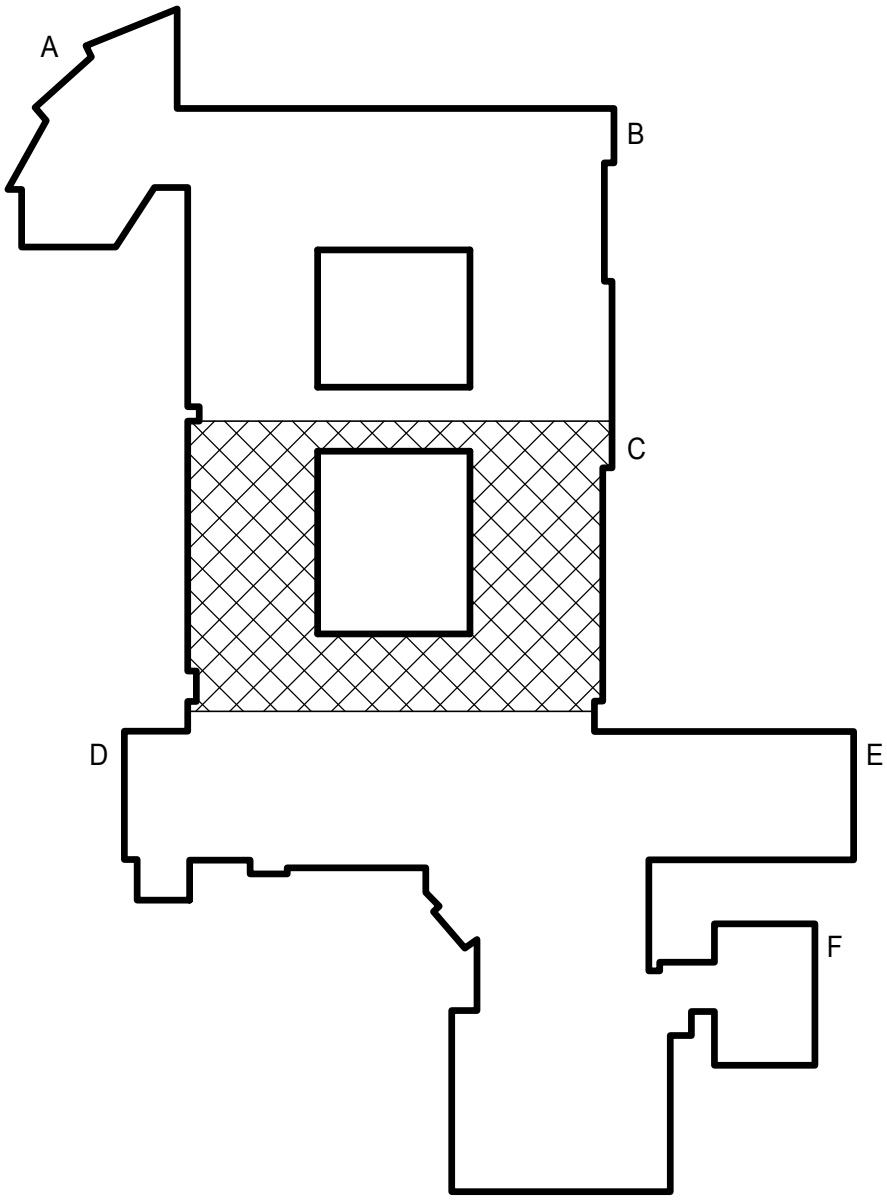


REF	NOTE
002	RECONNECT EXISTING DOOR HOLDER TO NEW FIRE ALARM SYSTEM.
007	EXISTING DOOR HOLDER LOCATED NEAR FLOOR.
009	EXISTING DOOR HOLDER IS INTEGRAL TO DOOR FRAME.
011	EXISTING MAGNETIC DOOR HOLDER HAS BEEN REMOVED FROM THE DOOR. THE PORTION OF THE MAGNETIC DOOR HOLDER ON THE WALL IS STILL EXISTING.
909	RANGE LOCATED IN ROOM.
911	ELECTRICAL PANELS LOCATED IN ROOM.

1. FIRE ALARM SYSTEM DESIGN TO BE PERFORMED AND APPROVED BY A NICET LEVEL 3 D.O. OR HIGHER DESIGNER. SHOP DRAWINGS DENOTING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE SYSTEM INSTALLATION ARE TO BE SUBMITTED TO THE FIRE MARSHAL. THE FIRE ALARM IS REQUIRED TO BE FOR THE FOLLOWING: FIRE ALARMS, ALARMS EQUIPMENT, AND REMITTALS NECESSARY FOR AN APPROVED SYSTEM.
2. THE FIRE ALARM PLANS ON SHEET #4.1, #4.2, #4.3, #4.4, #4.5, #4.6, #4.7, #4.8, AND #4.9 ONLY SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE NEW FIRE ALARM SYSTEM. ALL NEW DEVICES TO BE INSTALLED, ALL NEW DEVICES AND WIRING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
3. ALL NEW WORK TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES, WHERE NEW WORK CANNOT BE CONCEALED THE CONTRACTOR SHALL PROVIDE SURFACE MOUNTED RACEWAY. PROVIDE NEW RACEWAY TO THE TOP OF THE WALL OR CEILING.
4. PROVIDE NEW SUPPORT AND UPGRADES AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 2E5.1 FOR DEVICES
5. PROVIDE WOOD TRIM BLOCKING TO ALLOW EVEN SURFACE FOR SMR. BLOCKING TO BE INSTALLED BETWEEN JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET BENDS IN RACEWAY.
6. INSTALL BLACK ON CLEAR LABEL TO EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING PLATE. THIS IS TO BE INDICATE DEVICE ADDRESS. REFERENCE SECTION 260553.
7. INSTALL WIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX, JUNCTION BOX AND TERMINATION. REFERENCE SECTION 260533.
8. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9E5.1.
9. ALL NEW CEILING MOUNTED SMOKE DETECTORS SHALL BE THE MULTISENOR TECHNOLOGY TYPE WITH THE PHOTOELECTRIC AND HEAT SENSING CAPABILITIES. UON SEE SYMBOL LEGEND ON SHEET #0.1 AND SPECIFICATION SECTION 260530 FOR DETAILS.
10. ALL DOOR HOLDERS, VENTILATION FANS, SPRINKLER FLOW AND TAMPER SWITCHES ARE EXISTING DEVICES AND SHALL BE CONTROLLED OR MONITORED BY THE FACP PER SPECIFICATION SECTION 283100. UON. SEE DETAIL 1E5.1.
11. PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE NEW SYSTEM.
12. ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS OUTSIDE THE TERMINATION. LABEL IN AND OUT CONDUCTORS ON SLC CIRCUITS AND CIRCUIT NUMBERS ON NAC CIRCUITS.
13. ALL EXISTING AND NEW ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
14. THE CONTRACTOR SHALL PROVIDE 'CONDUIT INSTALLATION SHOP DRAWINGS' FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING NEW WORK. THESE SHOP DRAWINGS SHALL SHOW THE EXISTING CONDUIT TO BE REUSED AND NEW CONDUIT TO BE INSTALLED THEY SHALL IDENTIFY THE FIRE ALARM CIRCUIT CONDUCTORS TO BE ROUTED THROUGH EACH CONDUIT. DETERMINATION OF EXISTING CONDUIT TO BE REUSED AND ROUTING OF NEW CONDUIT TO BE INSTALLED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR TO THEIR BEST ABILITY, WHERE NEW CONDUIT IS PROPOSED IN AN EXPOSED LOCATION IT SHALL BE SPECIFICALLY NOTED AND MUST BE APPROVED BY ASD AS THE ONLY FEASIBLE OPTION. A FIELD COPY OF THE APPROVED CONDUIT INSTALLATION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL. IT SHALL BE APPROVED BY ASD REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT INSTALLATION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
15. REMOVE ALL EXISTING LEXAN AT ALL STATION COVERS UNLESS OTHERWISE NOTED ON THE DETAILING FOR THE CONTRACTOR TO REPLACE ALL BATTERIES IN ALL EXISTING LEXAN PLANT STATION COVERS.

NOTIFICATION OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS SUCH AS ASBESTOS, LEAD, AND OTHER POTENTIALLY HAZARDOUS MATERIALS CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DUST BINDING, REMOVING, AND DISPOSING OF THESE MATERIALS. THE INSTALLATION OF NEW MATERIALS OR COMPONENTS, THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.





GENERAL NOTES

1. FIRE ALARM SYSTEM DESIGN TO BE PERFORMED AND APPROVED BY A NICE1 LEVEL 3.D.C. OR HIGHER DESIGNER. SEE DRAWINGS DETAILING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE SYSTEM INSTALLATION ARE TO BE SUBMITTED TO THE FIRE MARSHAL. THE CONTRACTOR IS RESPONSIBLE FOR ALL SYSTEM REQUIREMENTS, MATERIALS, EQUIPMENT, AND INSTALLATIONS NECESSARY FOR AN APPROVED SYSTEM. THE FIRE ALARM PLAN SHALL SHOW DETAIL E4.2, E4.3, E4.4, E4.5, E4.6, E4.8, AND E4.9 SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE NEW FIRE ALARM SYSTEM. FIRE ALARM DESIGN AND LAYOUT OF ALL NEW DEVICES AND WIRING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
2. ALL NEW DEVICES TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES, WHERE NEW WORK CAN BE CONCEALED THE CONTRACTOR SHALL PROVIDE SURFACE MOUNTED RACEWAY. PROVIDE WIREMOLD 700 OR EQUAL, SEE DETAILS 1, 2, 3, 4, 5, 6, AND 7 ON SHEET E5.1.
3. PROVIDE NEW SURFACE MOUNTED RACEWAYS AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 2E5.1 FOR DEVICES SUPPORTED IN SUSPENDED CEILING.
4. PROVIDE NEW RACEWAY TO BE INSTALLED AT LOW EVEN SURFACE FOR SMR. BLOCKING TO BE INSTALLED BEHIND JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET BENDS IN RACEWAY.
5. INSTALL BLACK ON CLEAR LABEL, TO EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING BOX. LABEL IS TO INDICATE DEVICE ADDRESS. REFERENCE SECTION 26053.
6. INSTALL WIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX. JUNCTION BOXES TERMINATING THE CIRCUIT SHALL BE IDENTIFIED WITH THE SAME.
7. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9E5.1.
8. ALL NEW CEILING MOUNTED SMOKE DETECTORS SHALL BE THE MULTISENSOR TECHNOLOGY TYPE WITH THE PHOTOELECTRIC AND HEAT SENSING DETECTION METHOD. SEE DETAIL 9E5.1 AND DETAIL E0.1 AND SPECIFICATION SECTION 28310 FOR ADDITIONAL INFORMATION.
9. ALL DOOR HOOKERS, VENTILATION FLAPS, SPRINKLER FLOW AND TAMPER SWITCHES ARE EXISTING DEVICES AND SHALL BE CONTROLLED OR MONITORED BY THE EXISTING FIRE ALARM SYSTEM. SEE DETAIL 9E5.1 FOR DETAILS.
10. PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE NEW FAC. UON.
11. ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS THROUGH THE TERMINAL. THE TERMINAL SHALL BE IDENTIFIED BY CIRCUIT AND CIRCUIT NUMBERS ON SAC CIRCUITS.
12. DRAWINGS ARE A BASIS OF DESIGN. ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
13. THE CONTRACTOR SHALL PROVIDE 'CONDUIT INSTALLATION SHOP DRAWINGS' FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING NEW WORK. THESE SHOP DRAWINGS SHALL SHOW ALL EXISTING CONDUIT TO BE REUSED AND ALL NEW CONDUIT TO BE INSTALLED THEY SHALL IDENTIFY THE FIRE ALARM CIRCUIT AND PROVIDE LOCATIONS TO BE REUSED AND NEW CONDUIT TO BE REUSED OR EXISTING CONDUIT TO BE REUSED AND ROUTING OF NEW CONDUIT TO BE INSTALLED SHALL BE BASED OFF AN INITIAL FIELD INVESTIGATION BY THE CONTRACTOR TO THEIR BEST ABILITY. WHERE NEW CONDUIT IS REQUIRED IN AN EXISTING FIELD LOCATION THE CONTRACTOR SHALL SUBMIT A FIELD SURVEY AS YD AS THE ONLY FEASIBLE OPTION. A FIELD COPY OF THE APPROVED CONDUIT INSTALLATION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. ALL FIELD CHANGES SHALL BE SUBMITTED AS A FIELD SURVEY TO THE CONTRACTOR FOR REVIEW AND SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT INSTALLATION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
14. REUSE ALL EXISTING LEXAN PULL STATION COVERS UNLESS OTHERWISE NOTED ON THE DETAIL. THE CONTRACTOR TO REPLACE ALL BATTERIES IN ALL EXISTING LEXAN PULL STATION COVERS.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS SUCH AS ASBESTOS AND LEAD ARE SO PRESENT IN THE SETTLED OR CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 80

1 FIRE ALARM PLAN - AREA C
E4.3 SCALE: 1/8" = 1'-0"

KEY PLAN

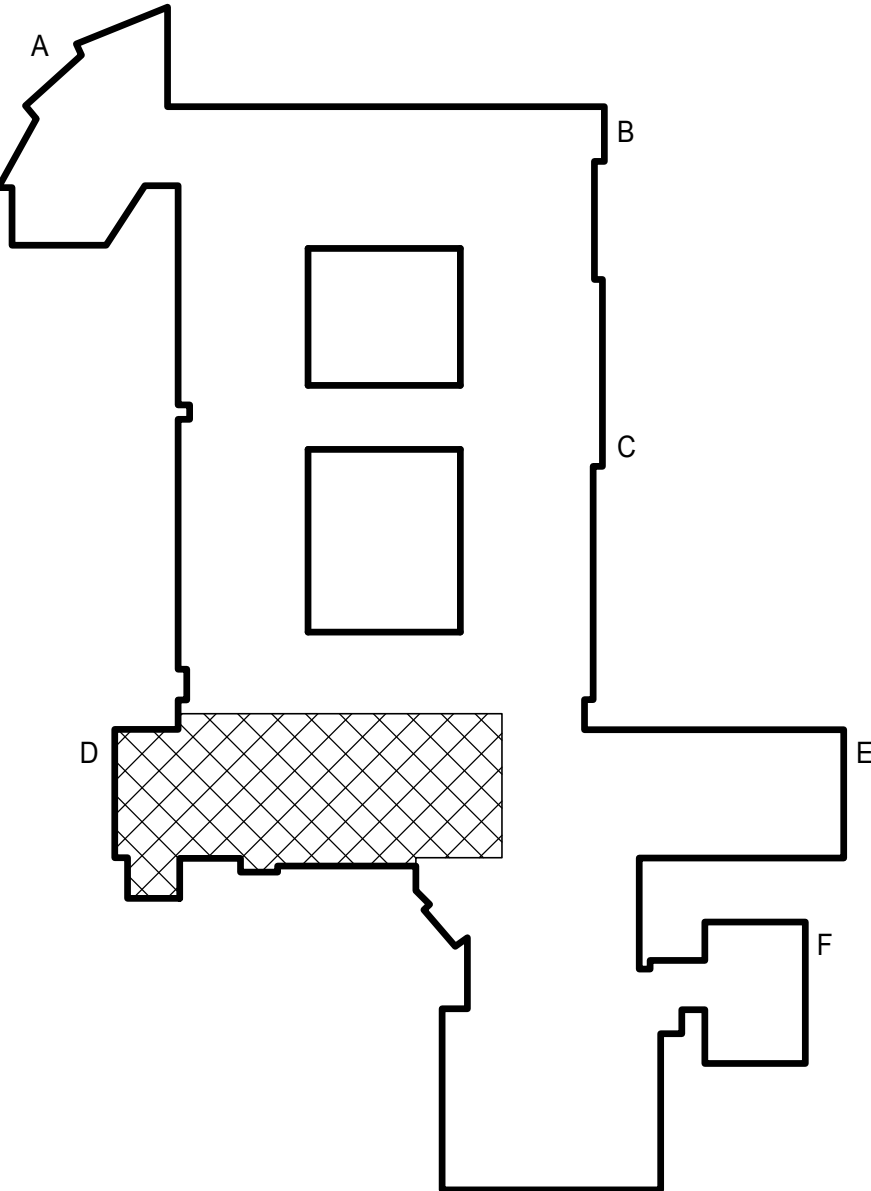


1 FIRE ALARM PLAN - AREA D
E4.4 SCALE: 1/8" = 1'-0"

#	REFERENCED SHEET NOTES
REF	NOTE
002	RECONNECT EXISTING DOOR HOLDER TO NEW FIRE ALARM SYSTEM.
003	PA HEADEND UNIT ADD IN AUDIO INTERRUPT.
009	EXISTING DOOR HOLDER IS INTEGRAL TO DOOR FRAME.
901	STORAGE ROOM.
911	ELECTRICAL PANELS LOCATED IN ROOM.
914	ALL TYPE I HOOD FIRE SUPPRESSION SYSTEMS IN KITCHEN SHALL BE MONITORED BY THE FIRE ALARM AND SHALL INITIATE A GENERAL FIRE ALARM SIGNAL WHEN ACTIVATED.

- GENERAL NOTES**
- FIRE ALARM SYSTEM DESIGN TO BE PREFORMED AND APPROVED BY A NICET LEVEL 3 D.O. OR HIGHER DESIGNER. SHOP DRAWINGS DENOTING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE SYSTEM INSTALLATION ARE TO BE SUBMITTED TO THE FIRE MARSHAL. THE CONTRACTOR IS RESPONSIBLE FOR ALL SYSTEM REQUIREMENTS, MATERIALS, EQUIPMENT, AND RESUBMITTALS NECESSARY FOR AN APPROVED SYSTEM.
 - THE FIRE ALARM PLANS ON SHEET E4.1, E4.2, E4.3, E4.4, E4.5, E4.6, E4.7, E4.8, AND E4.9 ONLY SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE NEW FIRE ALARM SYSTEM. FIRE ALARM DESIGN AND LAYOUT OF ALL NEW DEVICES AND WIRING SHALL BE THE CONTRACTORS RESPONSIBILITY.
 - ALL NEW WORK TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES. WHERE NEW WORK CANNOT BE CONCEALED THE CONTRACTOR SHALL PROVIDE SURFACE MOUNTED RACEWAY. PROVIDE WIREMOLD 700 OR EQUAL. SEE DETAILS 1, 2, 3, 4, 5, 6, AND 7 ON SHEET E5.1.
 - PROVIDE NEW SUPPORT AND UPGRADES AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 2/E5.1 FOR DEVICES SUPPORTED IN SUSPENDED CEILINGS.
 - PROVIDE WOOD TRIM BLOCKING TO ALLOW EVEN SURFACE FOR SMR. BLOCKING TO BE INSTALLED BEHIND JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET BENDS IN RACEWAY.
 - INSTALL BLACK ON CLEAR LABEL TO EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING BASE. LABEL IS TO BE INDICATE DEVICE ADDRESS; REFERENCE SECTION 260553.
 - INSTALL WIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX, JUNCTION BOX, AND TERMINATION. REFERENCE SECTION 260533.
 - SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/E5.1.
 - ALL NEW CEILING MOUNTED SMOKE DETECTORS SHALL BE THE MULTISENSOR TECHNOLOGY TYPE WITH THE PHOTOELECTRIC AND HEAT SENSING CAPABILITIES. UON. SEE SYMBOL LEGEND ON SHEET E0.1 AND SPECIFICATION SECTION 283100 FOR ADDITIONAL INFORMATION.
 - ALL DOOR HOLDERS, VENTILATION FANS, SPRINKLER FLOW AND TAMPER SWITCHES ARE EXISTING DEVICES AND SHALL BE CONTROLLED OR MONITORED BY THE FACP PER SPECIFICATION SECTION 283100. UON. SEE DETAIL 1/E5.1.
 - PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE NEW FACP. UON.
 - ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS OUTSIDE THE TERMINATION. LABEL IN AND OUT CONDUCTORS ON SLC CIRCUITS AND CIRCUIT NUMBERS ON NAC CIRCUITS.
 - DRAWINGS ARE A BASIS OF DESIGN. ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
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 - REUSE ALL EXISTING LEXAN PULL STATION COVERS UNLESS OTHERWISE NOTED ON THE DEMOLITION PLANS. CONTRACTOR TO REPLACE ALL BATTERIES IN ALL EXISTING LEXAN PULL STATION COVERS.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



KEY PLAN

STATE OF ALASKA

Professional Engineer

EE-12549

10/04/2018

ANCHORAGE

ANCHORAGE

ANCHORAGE

ANCHORAGE

EIC ENGINEERS, INC.

ELECTRICAL ENGINEERS

6927 OLD SEWARD HWY, SUITE 200

ANCHORAGE, AK 99515

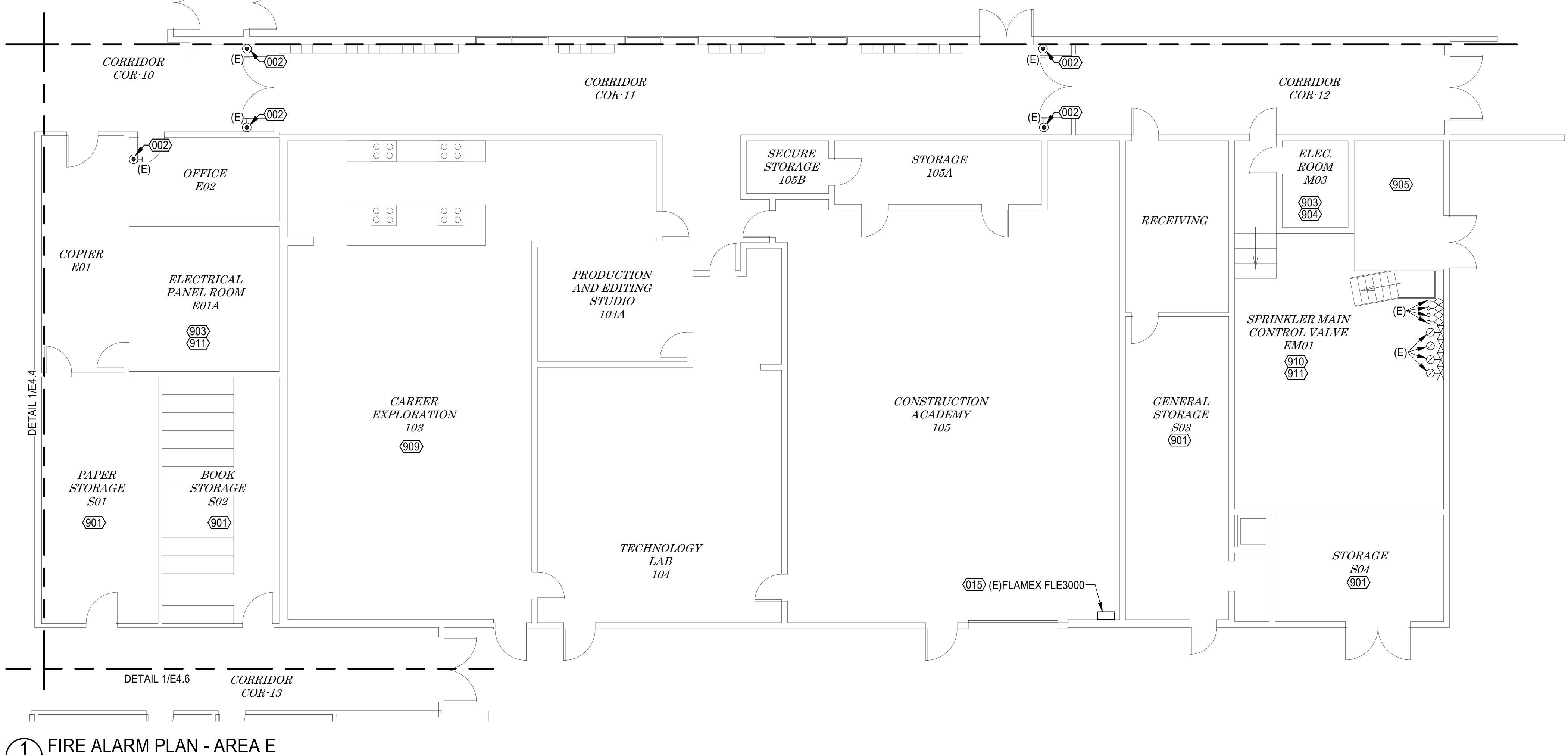
F 907.349.9713

WWW.EICENG.COM



WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

REVISIONS	
NU	DESCRIPTION
M	
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG
FIRE ALARM PLAN - AREA D	
SHEET NO.	
E4.4	

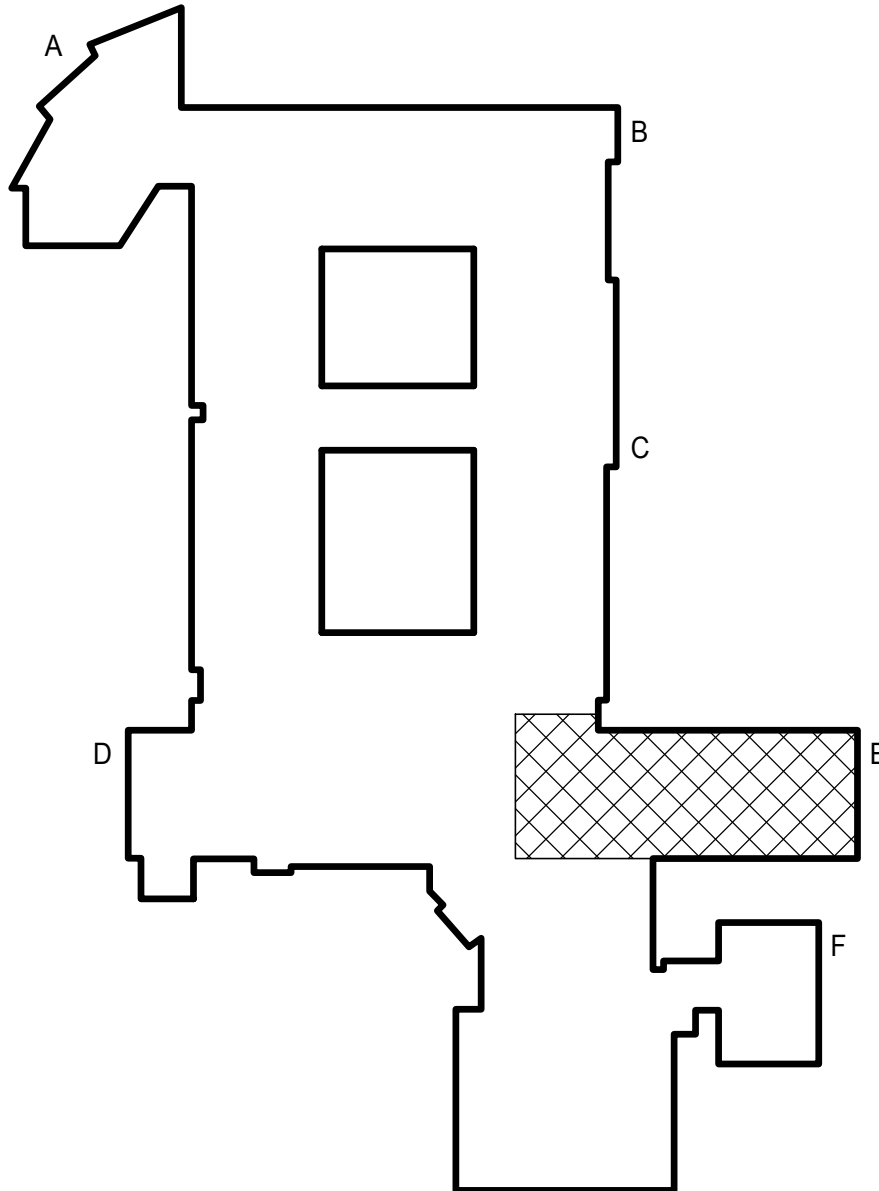


1 FIRE ALARM PLAN - AREA E
E4.5 SCALE: 1/8" = 1'-0"

#	REFERENCED SHEET NOTES
REF	NOTE
002	RECONNECT EXISTING DOOR HOLDER TO NEW FIRE ALARM SYSTEM.
015	EXISTING DUST COLLECTION SYSTEM TO REMAIN. TIE IN EXISTING FLAMEX FLE3000 TO NEW FIRE ALARM SYSTEM.
901	STORAGE ROOM.
903	ELECTRICAL ROOM.
904	ELECTRICAL EQUIPMENT LOCATED IN ROOM.
905	GENERATOR ROOM.
909	RANGE LOCATED IN ROOM.
910	BOILER ROOM.
911	ELECTRICAL PANELS LOCATED IN ROOM.

- GENERAL NOTES**
- FIRE ALARM SYSTEM DESIGN TO BE PERFORMED AND APPROVED BY A NICET LEVEL 3 D.O. OR HIGHER DESIGNER. SHOP DRAWINGS DENOTING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE SYSTEM INSTALLATION ARE TO BE SUBMITTED TO THE FIRE MARSHAL. THE CONTRACTOR IS RESPONSIBLE FOR ALL SYSTEM REQUIREMENTS, MATERIALS, EQUIPMENT, AND RESUBMITTALS NECESSARY FOR AN APPROVED SYSTEM.
 - THE FIRE ALARM PLANS ON SHEET E4.1, E4.2, E4.3, E4.4, E4.5, E4.6, E4.7, E4.8, AND E4.9 ONLY SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE NEW FIRE ALARM SYSTEM. FIRE ALARM DESIGN AND LAYOUT OF ALL NEW DEVICES AND WIRING SHALL BE THE CONTRACTORS RESPONSIBILITY.
 - ALL NEW WORK TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES. WHERE NEW WORK CANNOT BE CONCEALED THE CONTRACTOR SHALL PROVIDE SURFACE MOUNTED RACEWAY. PROVIDE WIREMOLD 700 OR EQUAL; SEE DETAILS 1, 2, 3, 4, 5, 6, AND 7 ON SHEET E5.1.
 - PROVIDE NEW SUPPORT AND UPGRADES AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 2/E5.1 FOR DEVICES SUPPORTED IN SUSPENDED CEILINGS.
 - PROVIDE WOOD TRIM BLOCKING TO ALLOW EVEN SURFACE FOR SMR. BLOCKING TO BE INSTALLED BEHIND JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET BENDS IN RACEWAY.
 - INSTALL BLACK ON CLEAR LABEL TO EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING BASE. LABEL IS TO BE INDICATE DEVICE ADDRESS; REFERENCE SECTION 260553.
 - INSTALL WIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX, JUNCTION BOX, AND TERMINATION. REFERENCE SECTION 260533.
 - SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/E5.1.
 - ALL NEW CEILING MOUNTED SMOKE DETECTORS SHALL BE THE MULTISENSOR TECHNOLOGY TYPE WITH THE PHOTOELECTRIC AND HEAT SENSING CAPABILITIES. UON. SEE SYMBOL LEGEND ON SHEET E/0.1 AND SPECIFICATION SECTION 283100 FOR ADDITIONAL INFORMATION.
 - ALL DOOR HOLDERS, VENTILATION FANS, SPRINKLER FLOW AND TAMPER SWITCHES ARE EXISTING DEVICES AND SHALL BE CONTROLLED OR MONITORED BY THE FACP PER SPECIFICATION SECTION 283100. UON. SEE DETAIL 1/E5.1.
 - PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE NEW FACP. UON.
 - ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS OUTSIDE THE TERMINATION. LABEL IN AND OUT CONDUCTORS ON SLC CIRCUITS AND CIRCUIT NUMBERS ON NAC CIRCUITS.
 - DRAWINGS ARE A BASIS OF DESIGN. ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
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KEY PLAN

STATE OF ALASKA
29TH
ECPA N.C. CLARK
EE-12549
1/16/2026
REGISTERED PROFESSIONAL ENGINEER

EIC ENGINEERS, INC.
ELECTRICAL ENGINEERS

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ANCHORAGE, ALASKA 99518
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CORPORATION #AEC1105
EC JOB NO. E25-4675

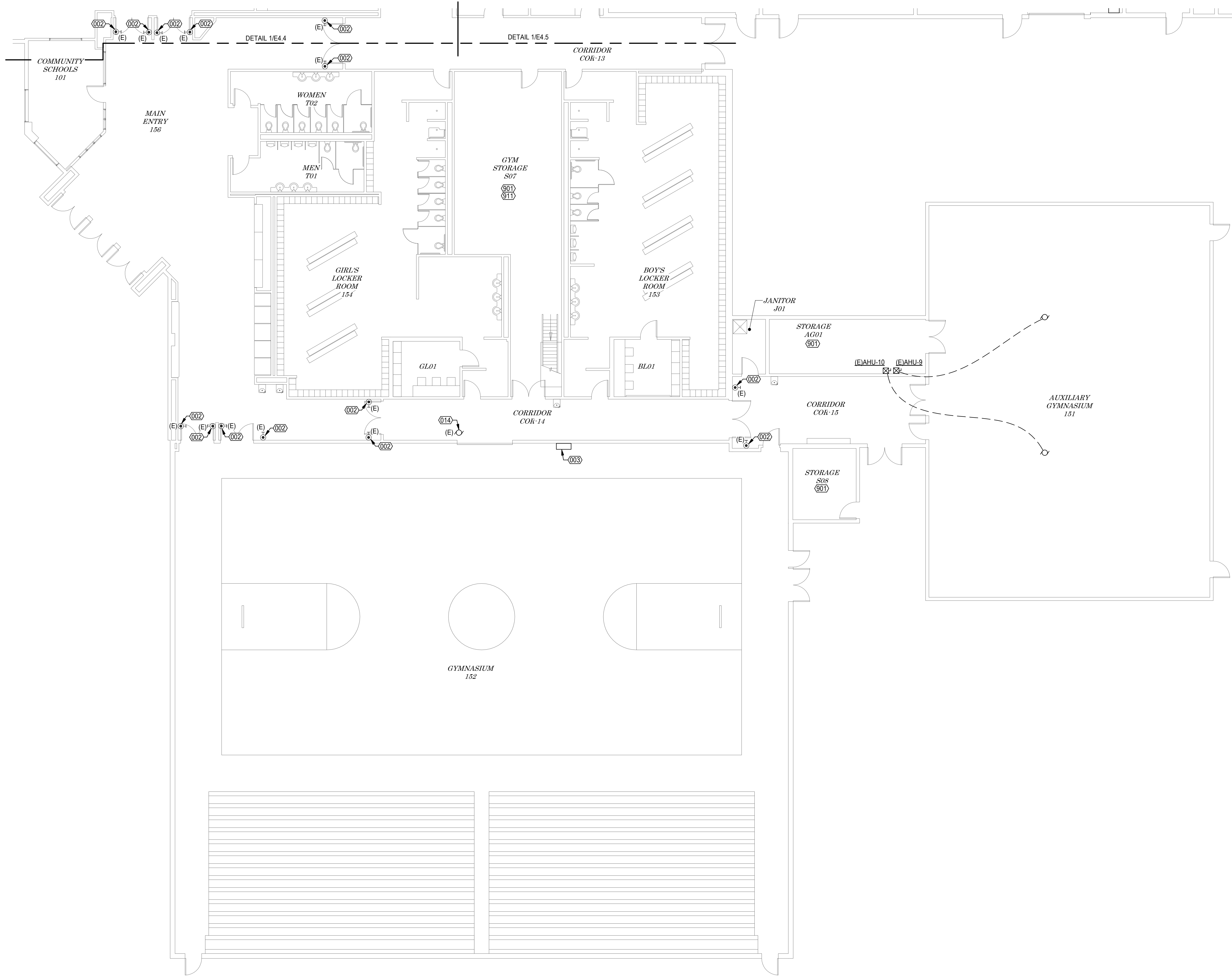
ANCHORAGE
SCHOOL
DISTRICT

**WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508**

REVISIONS	
NU	DESCRIPTION
M	
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG
FIRE ALARM PLAN - AREA E	
SHEET NO.	
E4.5	

Drawings - Page 24 of 29

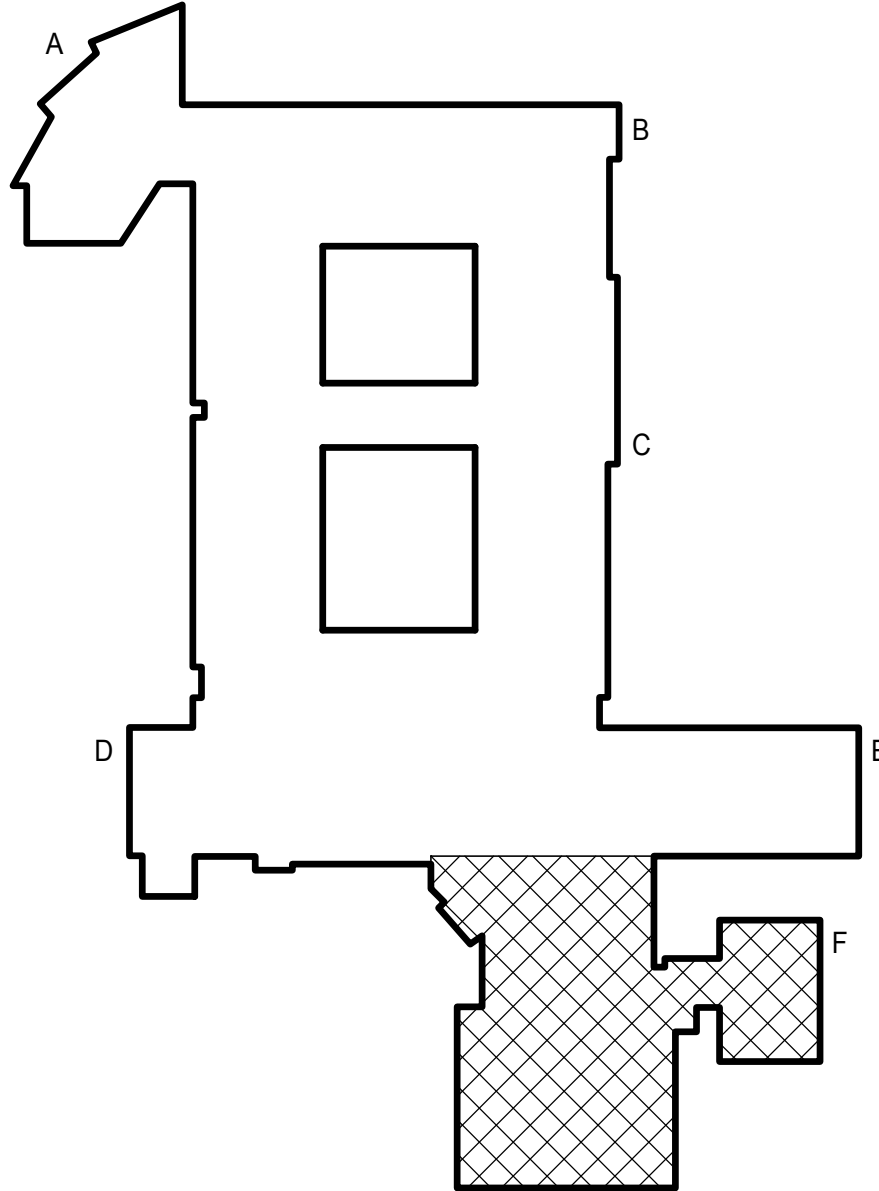
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E4.6 FIRE ALARM PLAN - AREA F
SCALE: 1/8" = 1'-0"



#	REFERENCED SHEET NOTES
REF	NOTE
002	RECONNECT EXISTING DOOR HOLDER TO NEW FIRE ALARM SYSTEM.
003	PA HEADEND UNIT ADD IN AUDIO INTERRUPT.
014	EXISTING FIRE RATED ROLLING DOOR MOTOR TO REMAIN AND BE TIED INTO NEW FIRE ALARM SYSTEM. ROLLING DOOR MOTOR IS LOCATED ABOVE ACCESSIBLE CEILING.
901	STORAGE ROOM.
911	ELECTRICAL PANELS LOCATED IN ROOM.

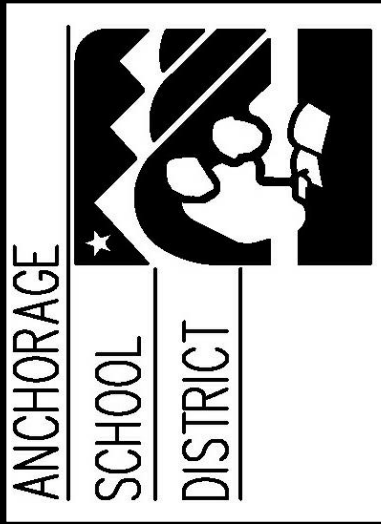
- GENERAL NOTES**
- FIRE ALARM SYSTEM DESIGN TO BE PERFORMED AND APPROVED BY A NICET LEVEL 3 D.O. OR HIGHER DESIGNER. SHOP DRAWINGS DENOTING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE SYSTEM INSTALLATION ARE TO BE SUBMITTED TO THE FIRE MARSHAL. THE CONTRACTOR IS RESPONSIBLE FOR ALL SYSTEM REQUIREMENTS, MATERIALS, EQUIPMENT, AND RESUBMITTALS NECESSARY FOR AN APPROVED SYSTEM.
 - THE FIRE ALARM PLANS ON SHEET E4.1, E4.2, E4.3, E4.4, E4.5, E4.6, E4.7, E4.8, AND E4.9 ONLY SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE NEW FIRE ALARM SYSTEM. FIRE ALARM DESIGN AND LAYOUT OF ALL NEW DEVICES AND WIRING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
 - ALL NEW WORK TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES. WHERE NEW WORK CANNOT BE CONCEALED THE CONTRACTOR SHALL PROVIDE SURFACE MOUNTED RACEWAY. PROVIDE WIREMOLD 700 OR EQUAL. SEE DETAILS 1, 2, 3, 4, 5, 6, AND 7 ON SHEET ES.1.
 - PROVIDE NEW SUPPORT AND UPGRADES AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 2/ES.1 FOR DEVICES SUPPORTED IN SUSPENDED CEILINGS.
 - PROVIDE WOOD TRIM BLOCKING TO ALLOW EVEN SURFACE FOR SMR. BLOCKING TO BE INSTALLED BEHIND JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET BENDS IN RACEWAY.
 - INSTALL BLACK ON CLEAR LABEL TO EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING BASE. LABEL IS TO BE INDICATE DEVICE ADDRESS; REFERENCE SECTION 260533.
 - INSTALL WIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX, JUNCTION BOX, AND TERMINATION. REFERENCE SECTION 260533.
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 - PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE NEW FACP. UON.
 - ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS OUTSIDE THE TERMINATION. LABEL IN AND OUT CONDUCTORS ON SLC CIRCUITS AND CIRCUIT NUMBERS ON NAC CIRCUITS.
 - DRAWINGS ARE A BASIS OF DESIGN. ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
 - THE CONTRACTOR SHALL PROVIDE 'CONDUIT INSTALLATION SHOP DRAWINGS' FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING NEW WORK. THESE SHOP DRAWINGS SHALL SHOW ALL EXISTING CONDUIT TO BE REUSED AND ALL NEW CONDUIT TO BE INSTALLED THEY SHALL IDENTIFY THE FIRE ALARM CIRCUIT CONDUCTORS TO BE ROUTED THROUGH EACH CONDUIT. DETERMINATION OF EXISTING CONDUIT TO BE REUSED AND ROUTING OF NEW CONDUIT TO BE INSTALLED SHALL BE BASED OFF AN INITIAL FIELD INVESTIGATION BY THE CONTRACTOR TO THEIR BEST ABILITY. WHERE NEW CONDUIT IS PROPOSED IN AN EXPOSED LOCATION IT SHALL BE SPECIFICALLY NOTED AND MUST BE APPROVED BY ASD AS THE ONLY FEASIBLE OPTION. A FIELD COPY OF THE APPROVED CONDUIT INSTALLATION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REDLINED WITH ANY CHANGES MADE IN THE FIELD. ALL FIELD CHANGES SHALL BE APPROVED BY ASD REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASD/UTL DIGITAL COPY OF THE CONDUIT INSTALLATION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
 - REUSE ALL EXISTING LEXAN PULL STATION COVERS UNLESS OTHERWISE NOTED ON THE DEMOLITION PLANS. CONTRACTOR TO REPLACE ALL BATTERIES IN ALL EXISTING LEXAN PULL STATION COVERS.

NOTIFICATIONS OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



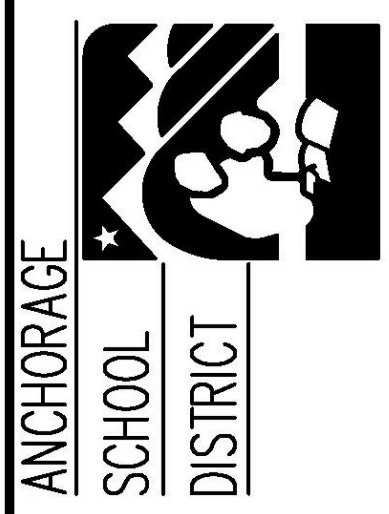
KEY PLAN

EIC ENGINEERS, INC.
ELECTRICAL ENGINEERS
6927 OLD SEWARD HWY, SUITE 200
ANCHORAGE, AK 99503
F 907 349 9713
WWW.EICENG.COM



**WENDLER MIDDLE SCHOOL
FIRE ALARM REPLACEMENT DESIGN-BUILD
BRIDGING DOCUMENTS
2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508**

REVISIONS	
NU	DESCRIPTION
M	
JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG
FIRE ALARM PLAN - AREA F	
SHEET NO.	
E4.6	



2905 LAKE OTIS PKWY, ANCHORAGE, AK 99508

[illegible]

JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

**FIRE ALARM PLAN -
ATTIC AREA B**

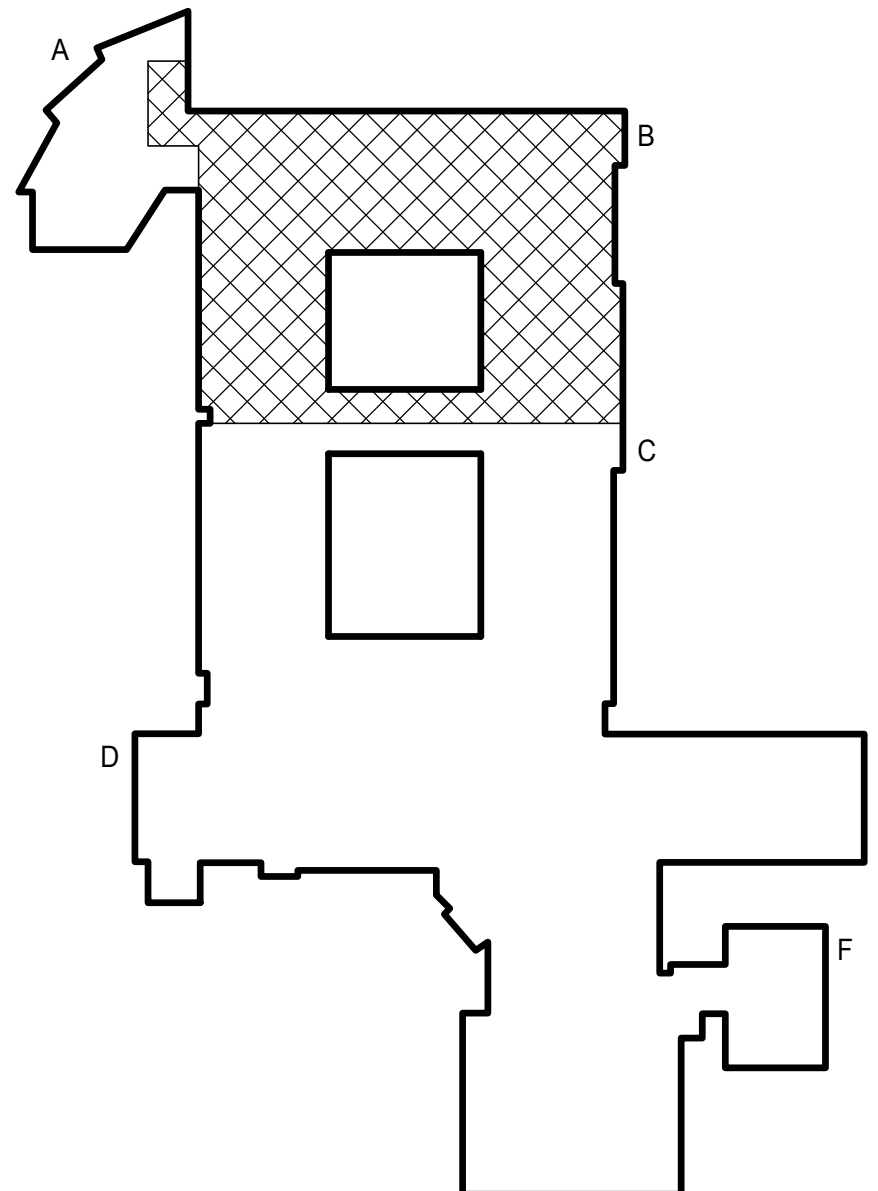
SHEET NO.

E4.7



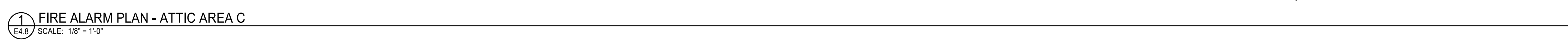
1. FIRE ALARM SYSTEM DESIGN TO BE PERFORMED AND APPROVED BY A NICET LEVEL 3, D.O. OR HIGHER DESIGNER. SHOP DRAWINGS DENOTING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE PROJECT SHALL BE REVIEWED AND APPROVED BY THE FIRE DEPARTMENT. THE CONTRACTOR IS RESPONSIBLE FOR ALL SYSTEM REQUIREMENTS, MATERIALS, EQUIPMENT, AND RESUBMITTALS NECESSARY FOR AN APPROVED SYSTEM.
2. THE FIRE ALARM PLANS ON SHEET #4.1, #4.2, #4.3, #4.4, #4.5, #4.6, #4.7, #4.8, AND #4.9 ONLY SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE EXISTING FIRE ALARM SYSTEM. ALL NEW DEVICES TO BE INSTALLED FOR ALL NEW DEVICES AND WIRING SHALL BE THE CONTRACTORS RESPONSIBILITY.
3. ALL NEW WORK TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES. WHERE NEW WORK CANNOT BE CONCEALED THE CONTRACTOR SHALL PROVIDE A FINISHED MOUNTED SURFACE. PROVIDE WIREMOLD 700 OR EQUIV. SEE DETAILS 1, 2, 3, 4, 5, 6 AND 7 ON SHEET #5.1.
4. PROVIDE NEW SUPPORT AND UPGRADES AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 25E5.1 FOR DEVICES
5. PROVIDE WOOD TRIM BLOCKING TO ALLOW EVEN SURFACE FOR SMR. BLOCKING TO BE INSTALLED BETWEEN JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET SURFACES IN RACEWAY.
6. INSTALL A BLACK OR WHITE LABEL ON THE EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING BASE. LABEL IS TO INDICATE DEVICE ADDRESS. REFERENCE SECTION 260553.
7. INSTALL WIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX. JUNCTION BOXES SHALL BE IDENTIFIED WITH WIRE NUMBERS.
8. SEAL ALL CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL #9E5.1.
9. ALL NEW CEILING MOUNTED SMOKE DETECTORS SHALL BE THE MULTISENOR TECHNOLOGY TYPE WITH THE PHOTOELECTRIC AND HEAT SENSING CAPABILITIES. UON SEE SYMBOL LEGEND ON SHEET #EO.1 AND SPECIFICATION SECTION 28310.0 FOR DETECTOR.
10. ALL DOOR HOLDERS, VENTILATION FANS, SPRINKLER FLOW AND TAMPER SWITCHES ARE EXISTING DEVICES AND SHALL BE CONTROLLED OR MONITORED BY THE FACP PER SPECIFICATION SECTION 28310.00. UON. SEE DETAIL 11E5.1.
11. PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE NEW FACP. UON.
12. ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS OUTSIDE THE TERMINATION. LABEL IN AND OUT CONDUCTORS ON SLC CIRCUITS AND CIRCUIT NUMBERS ON CIRCULAR CIRCUIT.
13. DETAIL #9E5.1 AND REFERENCE SPECIFICATION. ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
14. THE CONTRACTOR SHALL PROVIDE CONDUIT INSTALLATION SHOP DRAWINGS FOR ALL NEW CONDUIT. THE CONTRACTOR SHALL REVIEW ALL NEW WORK. THESE SHOP DRAWINGS SHALL SHOW ALL EXISTING CONDUIT TO BE REUSED AND ALL NEW CONDUIT TO BE INSTALLED THEY SHALL IDENTIFY THE FIRE ALARM CIRCUIT CONDUCTORS TO BE ROUTED THROUGH EACH CONDUIT. DETERMINATION OF EXISTING CONDUIT TO BE REUSED AND ROUTING OF NEW CONDUIT TO BE INSTALLED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR TO PROVIDE TO THEIR BEST ABILITY. WHERE NEW CONDUIT IS PROPOSED IN AN EXPOSED LOCATION IT SHALL BE SPECIFICALLY NOTED AND MUST BE APPROVED BY THE CITY AS THE ONLY FEASIBLE OPTION. A FIELD COPY OF THE APPROVED CONDUIT INSTALLATION SHOP DRAWINGS SHALL BE SUBMITTED TO THE CITY AND SHALL BE REVIEWED WITH ANY NECESSARY MADE IN THE FIELD. ALL FIELD CHANGES SHALL BE REPRODUCED BY AS REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT INSTALLATION SHOP DRAWINGS TO ADO AT THE END OF THE PROJECT.
15. PROVIDE NEW BATTERY BATTERY ALL STATION COVERS UNLESS OTHERWISE NOTED ON THE DEMOLITION PLANS. CONTRACTOR TO REPLACE ALL BATTERIES IN ALL EXISTING LEXAN PULL STATION COVERS.

NOTIFICATIONS OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS
ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES
REGULATED AIR
CONTAMINATES, INCLUDING ASBESTOS AND LEAD ARE ALSO PRESENT IN THE
BUILDING. ASBESTOS AND LEAD MAY BE RELEASED INTO THE AIR FROM
DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL
COMPONENTS OR SYSTEMS.
THROUGHOUT THE BUILDING, ALL TRADES SHALL COORDINATE WITH OTHER
TRADES TO PREVENT WORK TO PREVENT WORKER EXPOSURE OR SITE
CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC
INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE
MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS
NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA
REQUIREMENTS.



KEY PLAN

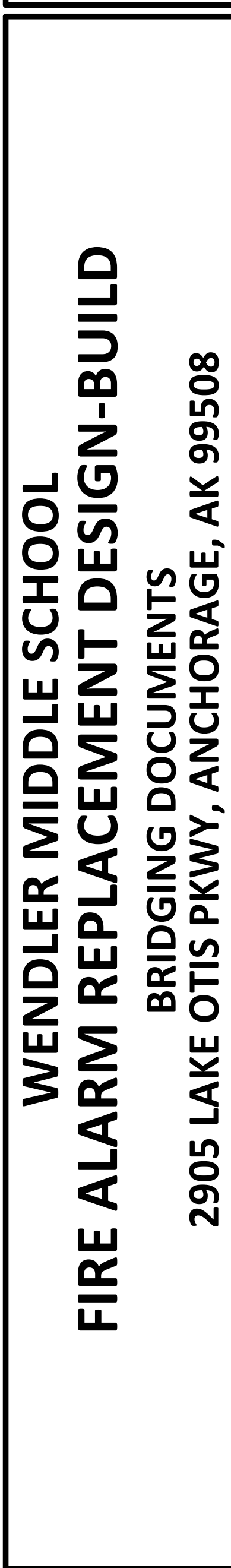
C:\Users\KendraRobbins\EIC Engineers\Design - Files\Projects\E25-4675 Wendler MS Fire Alarm DB\DES\E25-4675_ESh24_WendlerMSFireAlarmDB.rvt
 01/09/2026 17:12:57 - fc:10756 - luc:OnSh2 - #cen: 0 0 0 0 0 0/0



REF	NOTE
903	ELECTRICAL ROOM.
911	ELECTRICAL PANELS LOCATED IN ROOM.

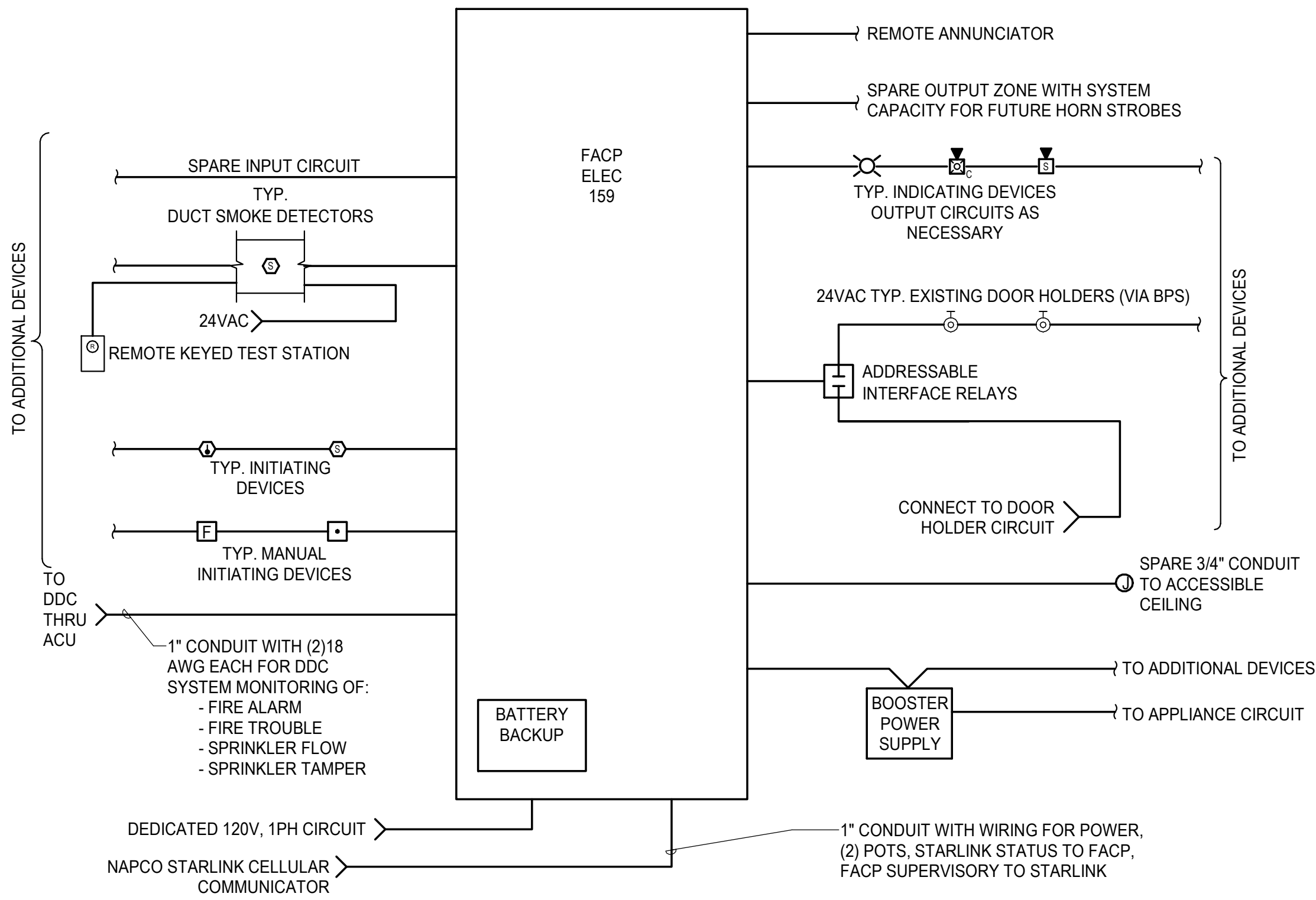
1. FIRE ALARM SYSTEM DESIGN TO BE PERFORMED AND APPROVED BY A NICET LEVEL 3 D.O. OR HIGHER DESIGNER. SHOP DRAWINGS DENOTING ALL REQUIREMENTS OF NFPA 72 AND AUTHORITY HAVING JURISDICTION OF THE SYSTEM INSTALLATION ARE TO BE SUBMITTED TO THE FIRE MARSHAL. THE CONTRACTOR SHALL PROVIDE FOR THE PROTECTION OF EXISTING MATERIALS, EQUIPMENT, AND REMEDIALS NECESSARY FOR AN APPROVED SYSTEM.
2. THE FIRE ALARM PLANS ON SHEET #4.1, E4.2, E4.3, E4.4, E4.5, E4.6, E4.7, E4.8, AND E4.9 ONLY SHOW EXISTING DEVICES THAT ARE TO BE RECONNECTED TO THE NEW FIRE ALARM SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NEW DEVICES AND WIRING SHALL BE THE CONTRACTORS RESPONSIBILITY.
3. ALL NEW WORK TO BE CONCEALED WHERE POSSIBLE IN WALLS OR ABOVE ACCESSIBLE CEILING SPACES. WHERE NEW WORK CANNOT BE CONCEALED THE CONTRACTOR SHALL PROVIDE SURFACE MOUNTED RACEWAY. PROVIDE 1/2" MIN. THICK 100 OR GREATER RATED RACEWAY.
4. PROVIDE NEW SUPPORT AND UPGRADES AS NECESSARY TO COMPLY WITH CURRENT NEC REQUIREMENTS FOR ALL RACEWAY AND JUNCTION BOXES THAT ARE REUSED FROM THE EXISTING INSTALLATION. SEE 2/E5.1 FOR DEVICES
5. PROVIDE WOOD TRIM BLOCKING TO ALLOW EVEN SURFACE FOR SMD. BLOCKING TO BE INSTALLED BETWEEN JUNCTION BOXES AND RACEWAY TO PROVIDE SMOOTH SURFACE FOR RACEWAY AND MINIMIZE OFFSET BENDS IN RACEWAY.
6. INSTALL BLACK ON CLEAR LABEL, TO EXTERIOR SURFACE OF EACH INITIATING DEVICE MOUNTING PLATE. THIS IS TO BE INDICATE DEVICE ADDRESS, REFERENCE SECTION 260533.
7. INSTALL FIRE MARKER ON ALL FIRE ALARM CIRCUITS WITH WIRE NUMBERS AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX, JUNCTION BOX, AND TERMINATION. REFERENCE SECTION 260533.
8. SEALS ON CONDUIT PENETRATIONS OF EXTERIOR WALLS. SEE DETAIL 9/ES.1
9. ALL NEW CEILING MOUNTED SMOKE DETECTORS SHALL BE THE MULTISENSE TECHNOLOGY TYPE WITH THE PHOTOELECTRIC AND HEAT SENSING CAPABILITIES. ION. SEE SYMBOL LEGEND ON SHEET E/D.1 AND SPECIFICATION SECTION 261010 FOR DETAILS.
10. ALL DOOR DOORS, VENTILATION FANS, SPRINKLER FLOW AND TAMPER SWITCHES ARE EXISTING DEVICES AND SHALL BE CONTROLLED OR MONITORED BY THE FACP PER SPECIFICATION SECTION 283100. UON. SEE DETAIL 1/E5.1
11. PROVIDE NEW CONDUCTORS FOR ALL EXISTING DEVICES RECONNECTED TO THE UON.
12. ALL CONDUCTORS SHALL BE TERMINATED SUCH THAT NO COPPER SHOWS OUTSIDE THE TERMINATION. LABEL IN AND OUT CONDUCTORS ON SLC CIRCUITS AND CIRCUIT NUMBERS ON NAC CIRCUITS
13. PROVIDE A FIELD OF ADDITIONAL DEVICES MAY BE NECESSARY TO CONFORM TO ALL APPLICABLE CODES. PROVIDE ADDITIONAL DEVICE AS REQUIRED.
14. THE CONTRACTOR SHALL PROVIDE 'CONDUIT INSTALLATION SHOP DRAWINGS' FOR ASD REVIEW AND APPROVAL PRIOR TO STARTING NEW WORK. THESE SHOP DRAWINGS SHALL IDENTIFY THE FIELD OF DEVICES TO BE REUSED AND NEW CONDUIT TO BE INSTALLED THEY SHALL IDENTIFY THE FIRE ALARM CIRCUIT CONDUCTORS TO BE ROUTED THROUGH EACH CONDUIT. DETERMINATION OF EXISTING CONDUIT TO BE REUSED AND ROUTING OF NEW CONDUIT TO BE REUSED SHALL BE DONE BY THE CONTRACTOR. IF NEW CONDUIT IS PROPOSED IN AN EXPOSED LOCATION IT SHALL BE SPECIFICALLY NOTED AND MUST BE APPROVED BY ASD AS THE ONLY FEASIBLE OPTION. A FIELD COPY OF THE APPROVED CONDUIT INSTALLATION SHOP DRAWINGS SHALL REMAIN ON SITE AND SHALL BE REVIEWED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROVED BY ASD REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT AN ASBUILT DIGITAL COPY OF THE CONDUIT INSTALLATION SHOP DRAWINGS TO ASD AT THE END OF THE PROJECT.
15. REMOVE ALL EXISTING LEAN ALL STATION COVERS UNLESS OTHERWISE NOTED ON THE DETAIL. THE CONTRACTOR TO REPLACE ALL BATTERIES IN ALL EXISTING LEAN STATION COVERS.

NOTIFICATION OF POTENTIAL HAZARDS:
NOTIFICATION OF POTENTIAL HAZARDS: ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS SUCH AS ASBESTOS, LEAD, AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DUST BINDING, REMOVING, AND DISPOSING OF THESE MATERIALS. THE INSTALLATION OF NEW MATERIALS OR COMPONENTS, THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH THE EPA AND OSHA REQUIREMENTS.



JOB NO.	E25-4675
DATE	01/09/2026
DRAWN	KRR
REVIEWED	ENG

Drawings - Page 27 of 29

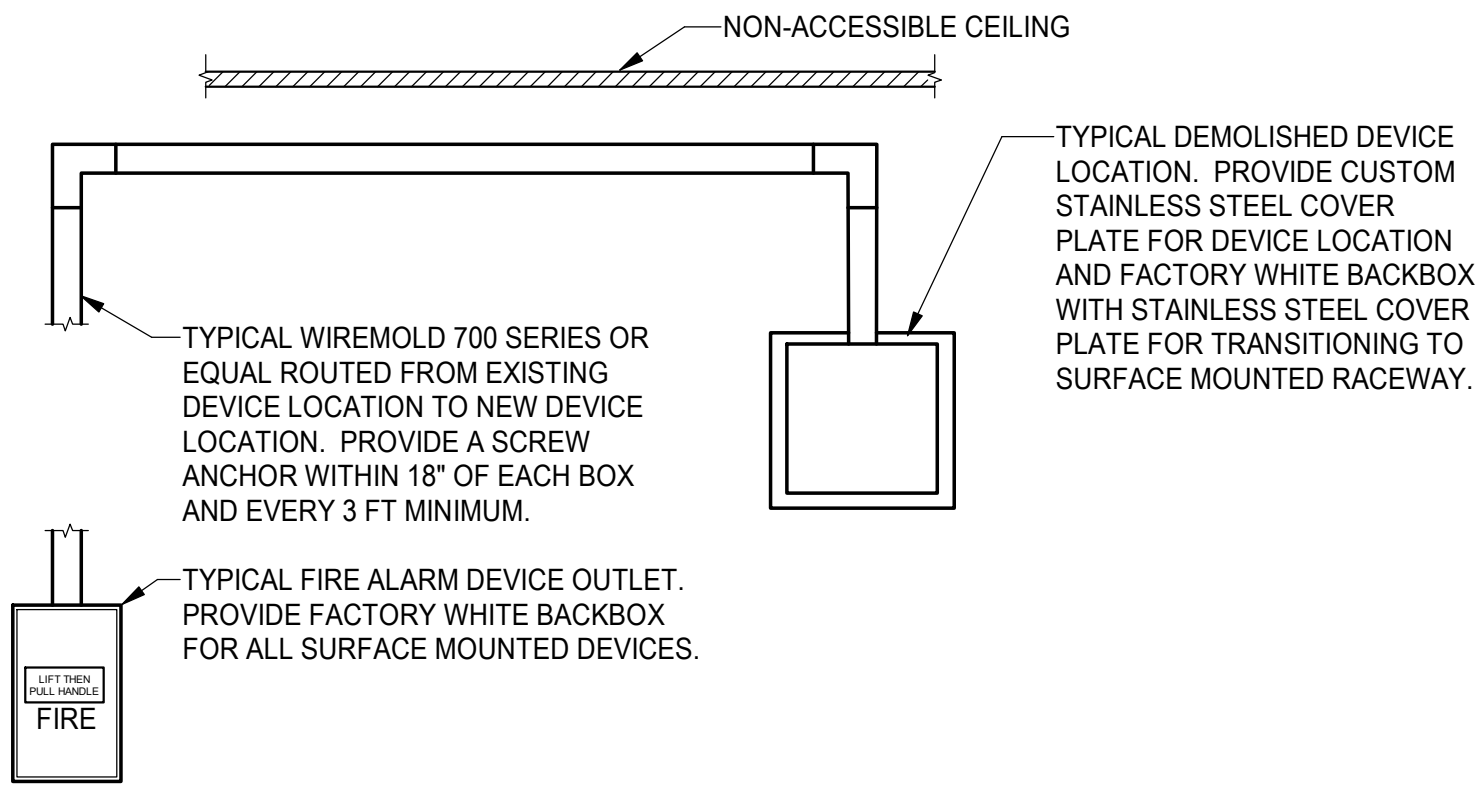


DETAIL NOTES

- SEE DRAWINGS AND SPECIFICATIONS FOR FIRE ALARM DESIGN BUILD REQUIREMENTS.
- CONTROL PANEL SHALL PROVIDE INDIVIDUAL INDICATION OF ALARM OR TROUBLE FOR EACH DEVICE ON PANEL FRONT.
- FACP AND FAA ARE TO BE PROVIDED.
- INTERLOCK AIR HANDLING UNITS AND SUPPLY, RETURN, AND EXHAUST FANS WITH DUCT SMOKE DETECTORS AND FACP TO SHUT DOWN THE FANS UPON DETECTION OF SMOKE AND ACTIVATION OF ALARM.
- PROVIDE ADDRESSABLE RELAYS AS NECESSARY TO RELEASE AUTOMATIC DOOR HOLDERS UPON SYSTEM ALARM.
- PROVIDE NECESSARY INPUT AND OUTPUT DEVICE CIRCUITS FOR QUANTITY SHOWN ON THE FLOOR PLANS. ALLOW 25% SPARE CAPACITY.
- PROVIDE ZONE MAP AT MAIN ENTRY, WHERE SHOWN ON FLOOR PLANS AND AT ALL ANNUNCIATOR PANELS.
- PROVIDE ADDRESSABLE MODULE FOR EACH FIXED TEMPERATURE HEAT DETECTOR AND OTHER MONITORED POINTS, LOCATED ON WALL OR BELOW CEILING LEVEL.
- PROVIDE AND TERMINATE BOTH ENDS OF NEW DEDICATED CABLES FROM FACP TO CELLULAR COMMUNICATOR.
- AT CONTRACTORS OPTION, NOTIFICATION APPLIANCE BOOSTER PANELS CAN BE ADDED WITH PRE-APPROVAL OF VARIATION FROM ASD PROJECT MANAGER. PROVIDE CONNECTION AND ALL ASSOCIATED REQUIREMENTS TO NEAREST PANEL BOARD. PROVIDE CEILING MOUNTED SMOKE DETECTOR WITHIN 5' OF ANY BOOSTER PANEL.
- CONNECT FACP TO DEDICATED SALVAGED 120V BRANCH CIRCUIT. COORDINATE THE EXACT DDC PANEL WITH THE ASD PROJECT MANAGER. PROVIDE NEW LOCK OFF RED BREAKER.
- PROVIDE CONTROL RELAYS AND ADDRESSABLE INPUT MODULES IN FACP ENCLOSURE FOR INDICATED SIGNALS TO NEW CELLULAR COMMUNICATOR.
- LABEL ALL FIRE ALARM CIRCUITS WITH WIRE NUMBER AS INDICATED ON SCHEMATIC AND SHOP DRAWINGS AT EACH PULL BOX, JUNCTION BOX, AND TERMINATION. LABEL ALL JUNCTION BOXES WITH FIRE ALARM CIRCUIT NUMBER.

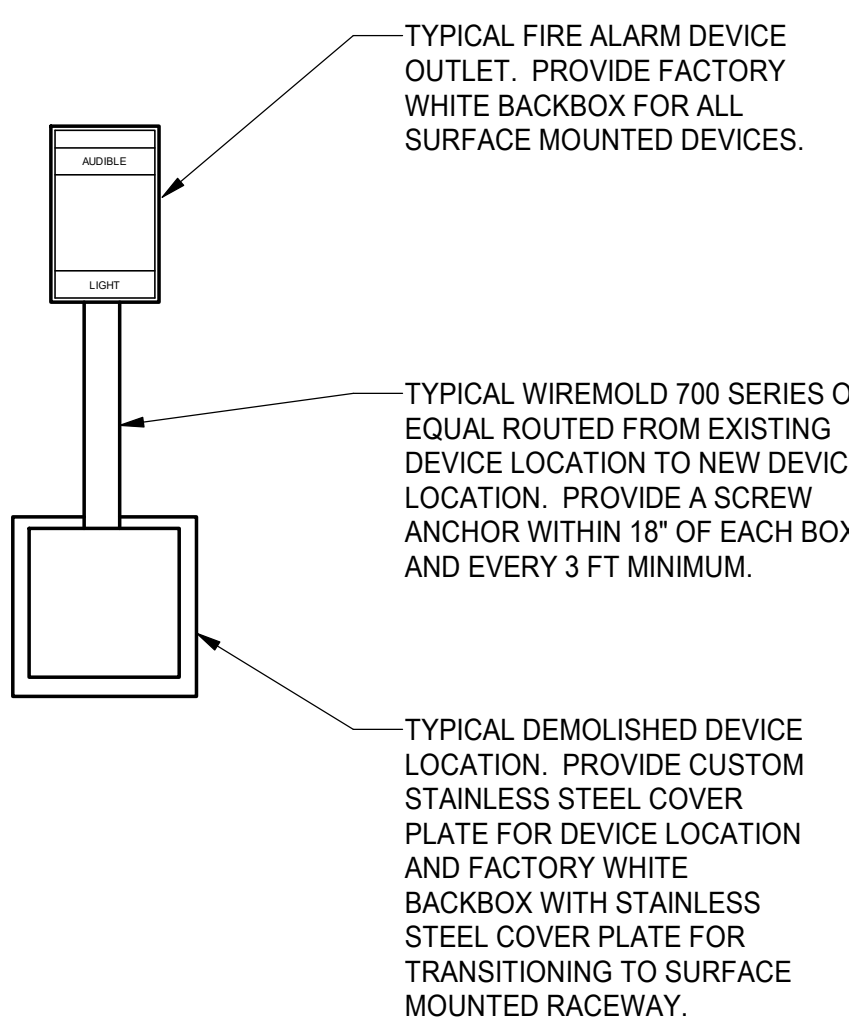
1 FIRE ALARM ONE-LINE DIAGRAM

E5.1 SCALE: NONE



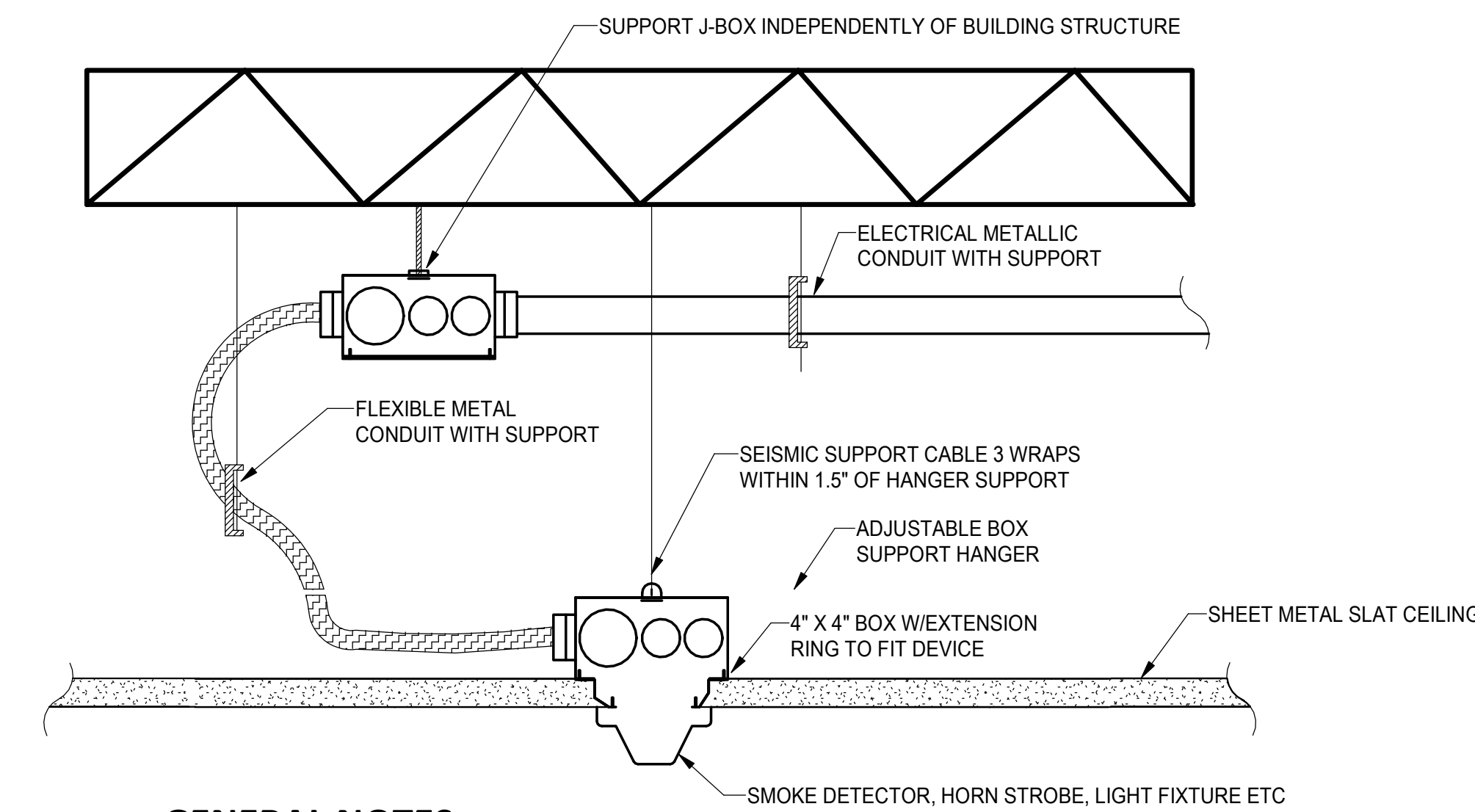
6 HORIZONTAL AND VERTICAL SMR INSTALLATION FROM DEMOLISHED DEVICE LOCATION

E5.1 SCALE: NONE



7 VERTICAL SMR INSTALLATION FROM DEMOLISHED DEVICE LOCATION

E5.1 SCALE: NONE

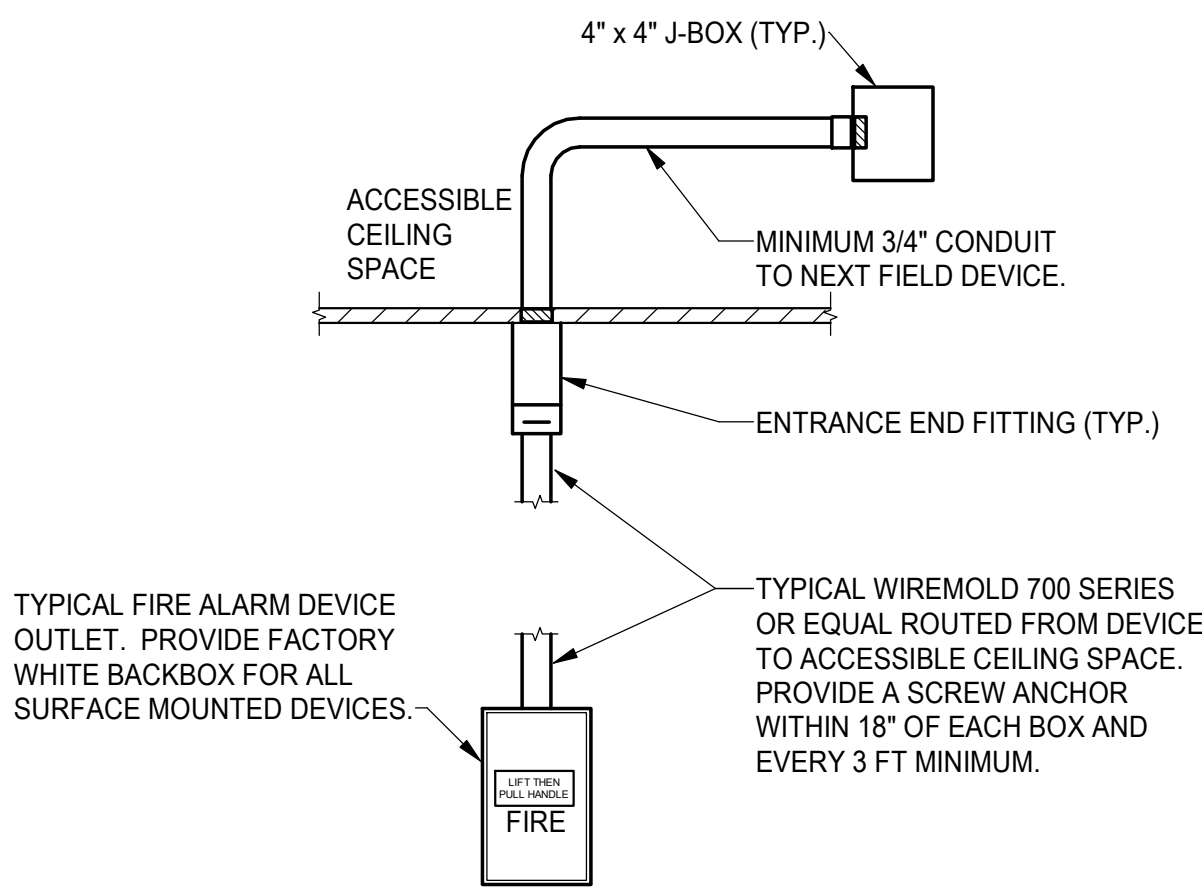


GENERAL NOTES

- PROVIDE FLEXIBLE METAL CONDUIT TO ALL ELECTRICAL DEVICES, INSTALLED IN DROP CEILING SPACES TO ALLOW FOR REMOVAL OF ELECTRICAL DEVICE OR CEILING SLATS.
- PROVIDE ALL SUPPORT OF ELECTRICAL WORK INDEPENDENT OF THE CEILING AND CEILING SUPPORT SYSTEM.
- PROVIDE IDENTIFIED CEILING TIE WIRE ON ALL ELECTRICAL SUPPORT SYSTEMS.

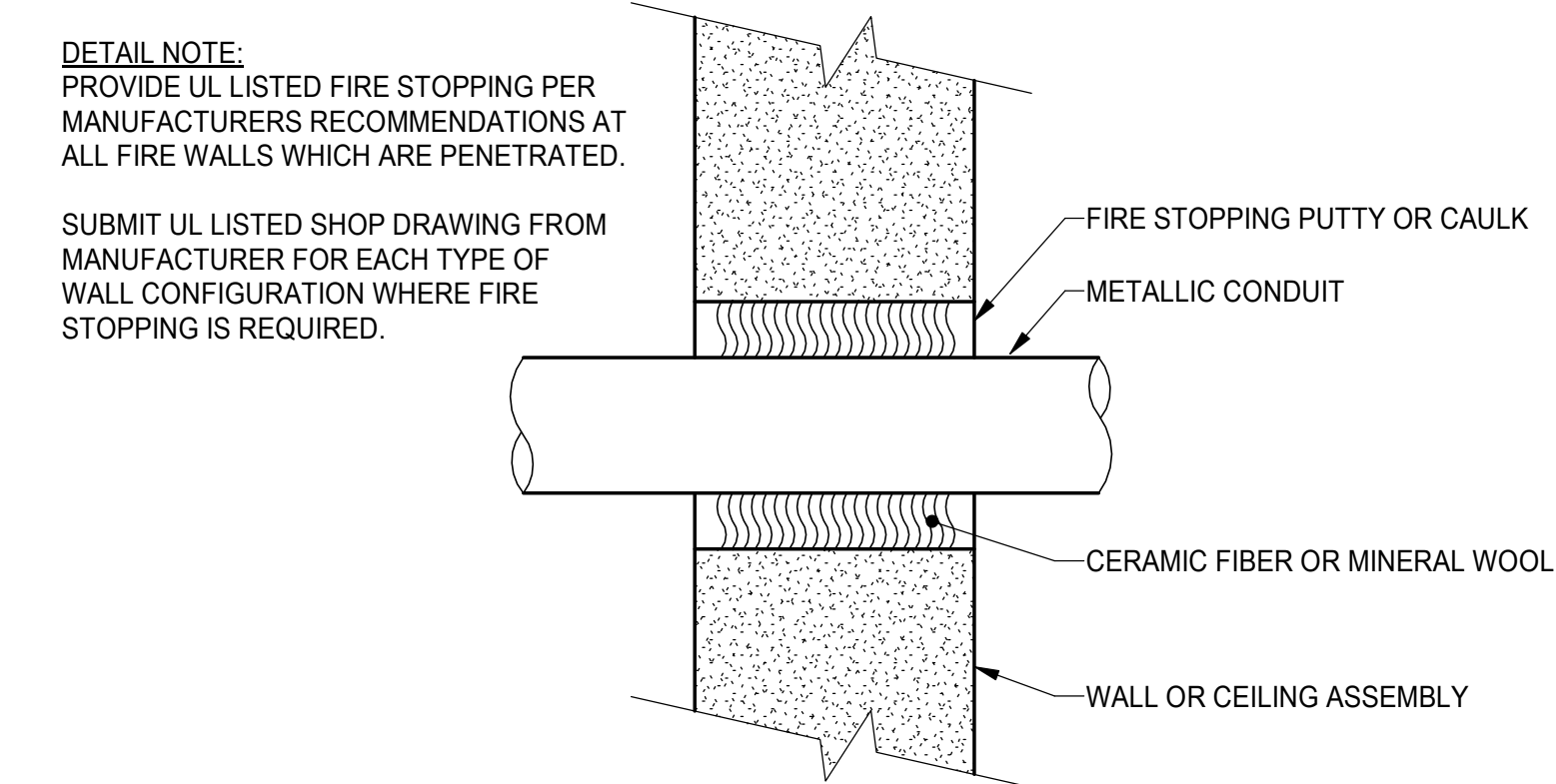
2 SUSPENDED CEILING DEVICE SUPPORT DETAIL

E5.1 SCALE: NONE



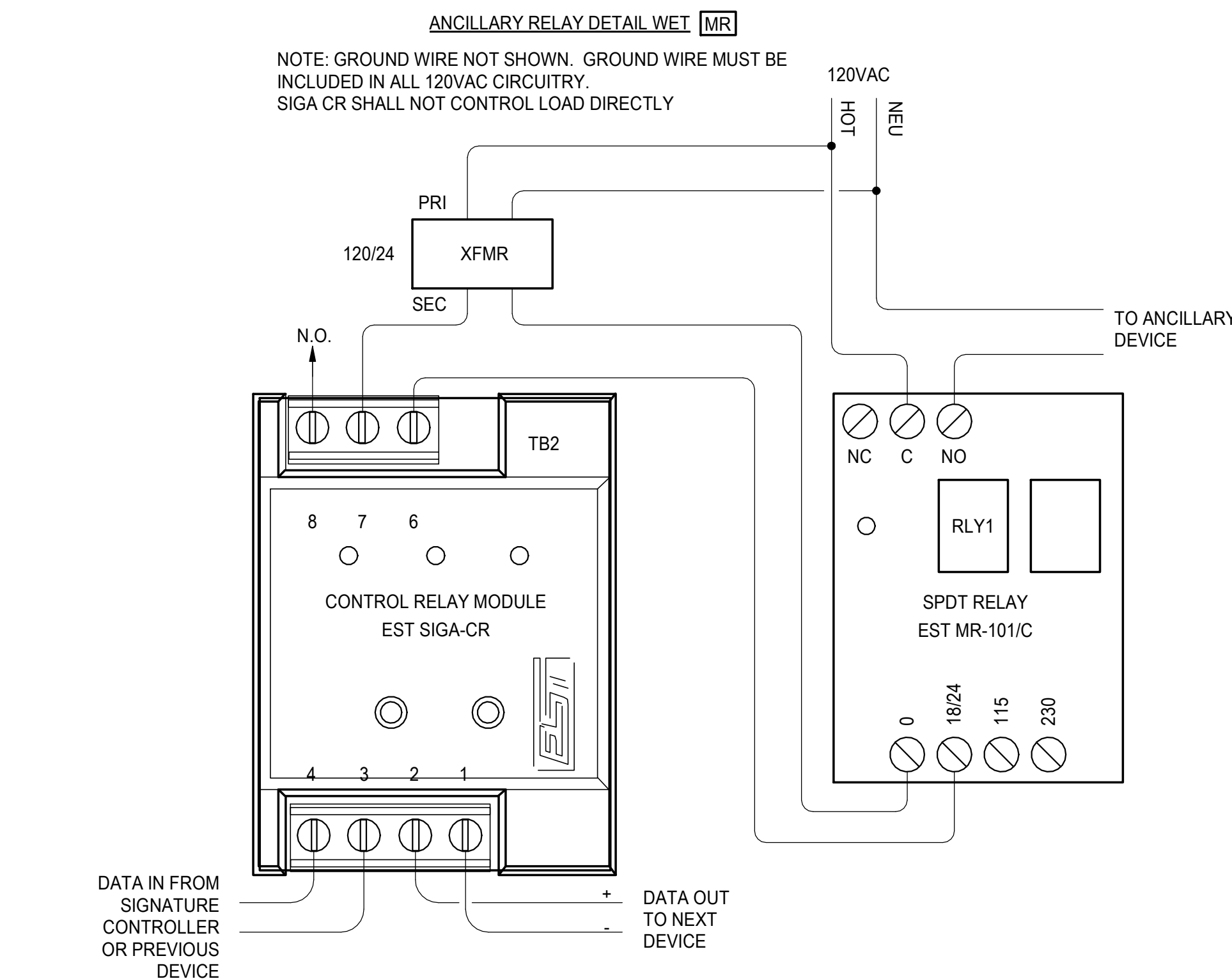
4 SURFACE MOUNTED RACEWAY INSTALLATION AT ACCESSIBLE CEILING LOCATIONS

E5.1 SCALE: NONE



8 TYPICAL WALL PENETRATION DETAIL

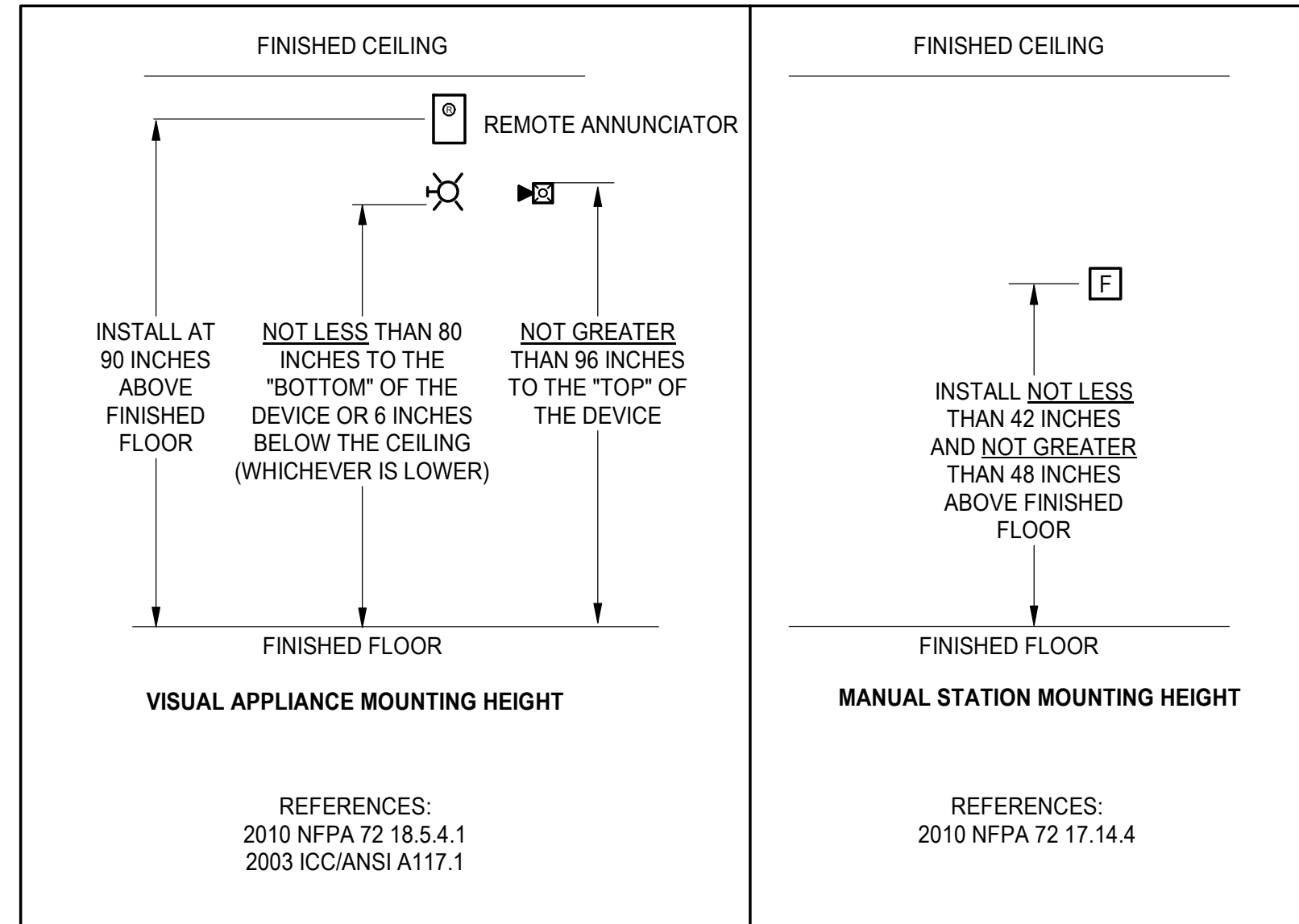
E5.1 SCALE: NONE



10 INTERPOSING RELAY WIRING DIAGRAM

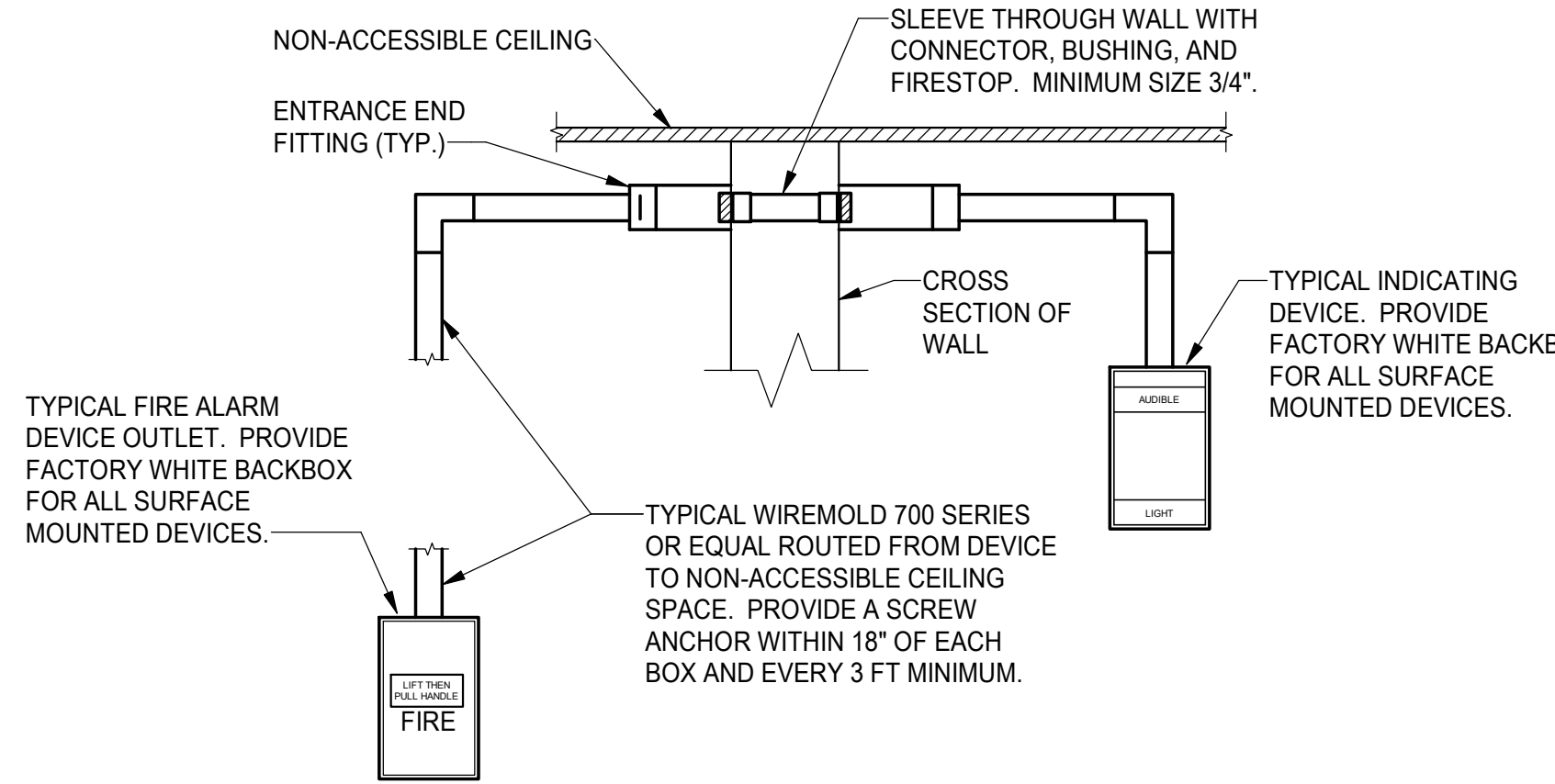
E5.1 SCALE: NONE

THE PLACEMENT OF THE FIRE ALARM HORN / STROBES, STROBES OR BELLS SHALL COMPLY WITH CURRENT NFPA AND ADA REQUIREMENTS. THE DEVICE TYPES SHOWN SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THESE PLANS. REQUEST FOR RELOCATION OF DEVICES SHALL BE PRE-APPROVED BY THE ENGINEER.



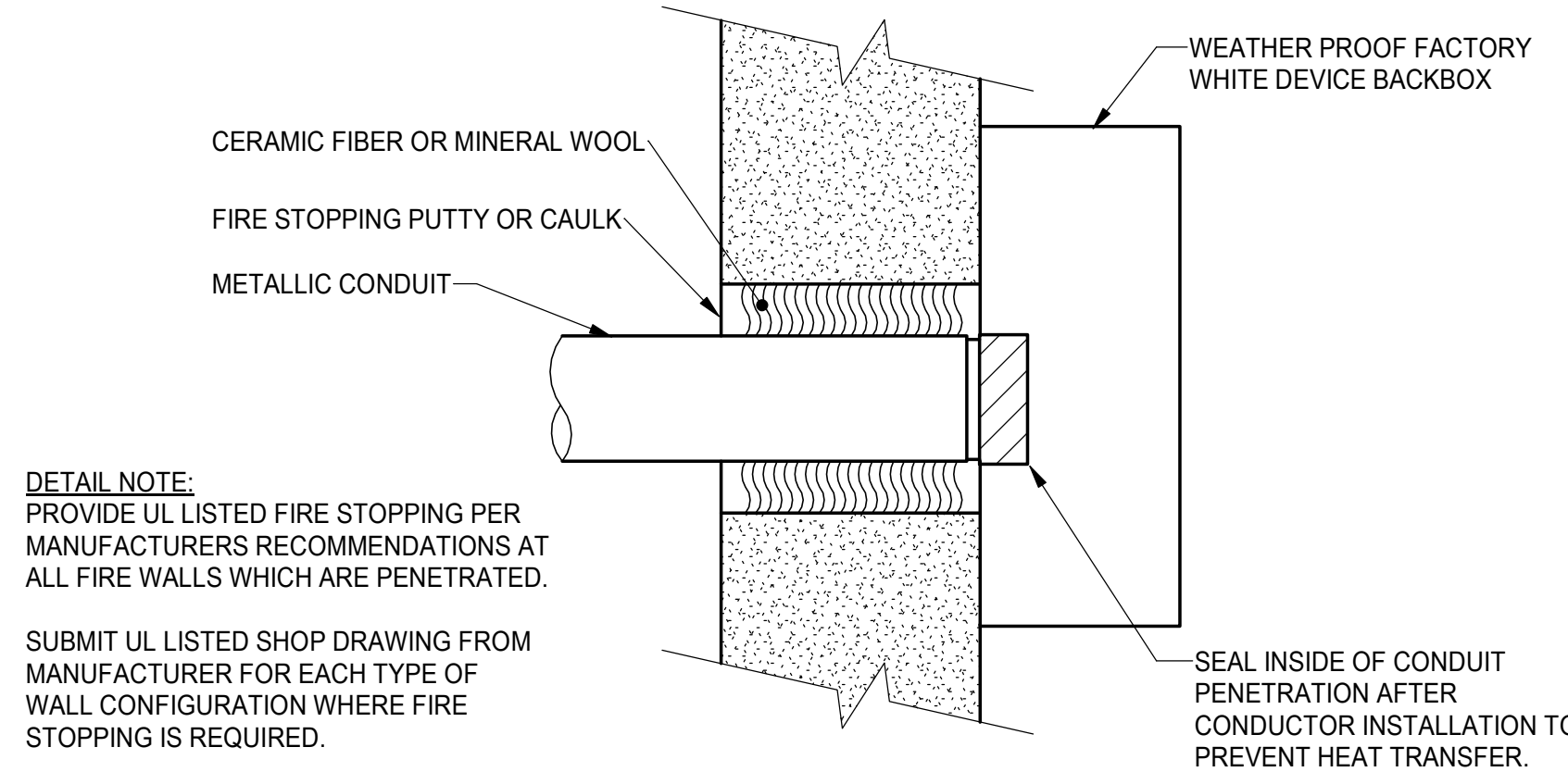
3 DEVICE MOUNTING HEIGHTS

E5.1 SCALE: NONE



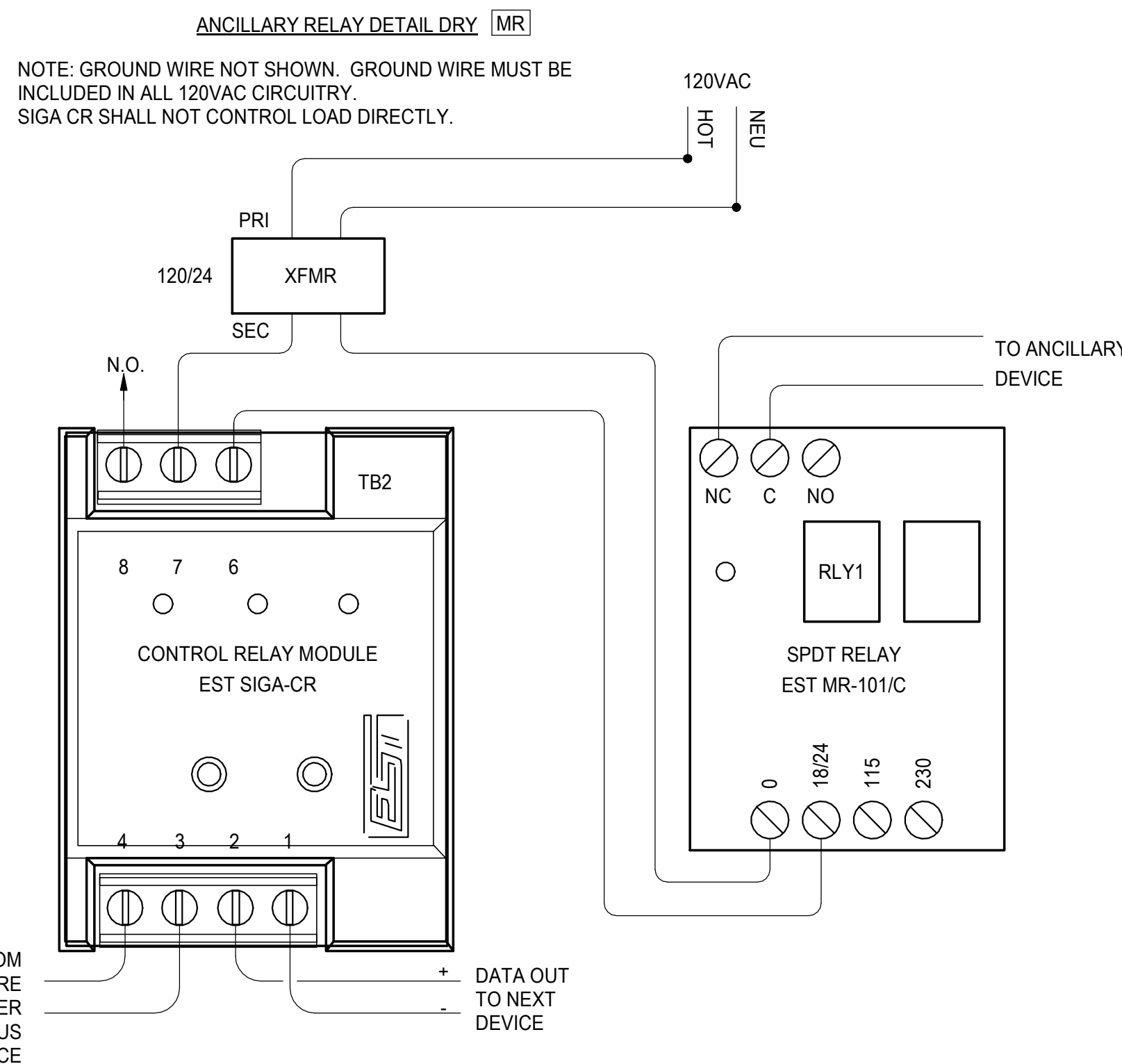
5 SURFACE MOUNTED RACEWAY INSTALLATION AT NON-ACCESSIBLE CEILING LOCATIONS

E5.1 SCALE: NONE



9 TYPICAL EXTERIOR WALL PENETRATION DETAIL

E5.1 SCALE: NONE



11 ANCILLARY RELAY DETAIL DRY

E5.1 SCALE: NONE

NOTIFICATIONS OF POTENTIAL HAZARDS:
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