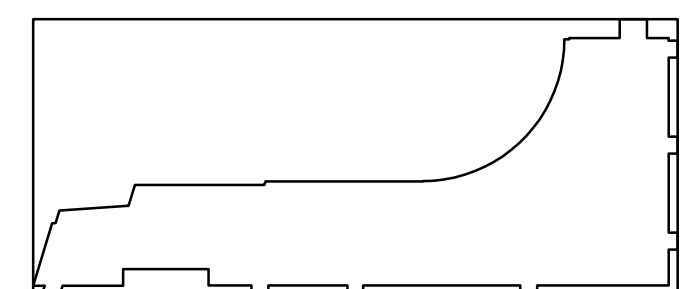
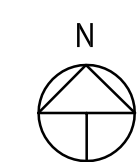


<div><div><div><div>OWNER:</div><div>MHT AIRPORT</div></div><div><div>One Airport Road, Manchester, NH, 03103</div><div><div>ARCHITECT:</div><div>Lavallee Brensinger Architects</div><div>155 Dow Street, Suite 400</div><div>Manchester, NH 03101</div><div>603.622.5450</div><div>www.LBPA.com</div></div></div><div><div><div>MECHANICAL / ELECTRICAL / PLUMBING & FIRE PROTECT ENGINEER:</div><div>BR + A Consulting Engineers</div><div>10 Guest Street, 4th Floor</div><div>Boston, MA 02135</div><div>617.254.0016</div><div>www.brplusa.com</div></div></div></div></div>	<div><div><div>FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.</div><div>A0.0COVER SHEET</div><div><div>FIRE ALARM</div><div>FA0.0FIRE ALARM LEGEND AND DETAIL</div><div>FA0.1FIRE ALARM DETAIL SHEET</div><div>FA-1.1AFIRE ALARM LEVEL 1 - AREA A</div><div>FA1.2BFIRE ALARM LEVEL 1 - AREA B</div><div>FA1.3CFIRE ALARM LEVEL 1 - AREA C</div><div>FA1.4DFIRE ALARM LEVEL 1 - AREA D</div><div>FA1.5EFIRE ALARM LEVEL 1 - AREA E</div><div>FA1.6FFIRE ALARM LEVEL 1 - AREA F</div><div>FA2.1AFIRE ALARM LEVEL 2 - AREA A</div><div>FA2.2BFIRE ALARM LEVEL 2 - AREA B</div><div>FA2-3CFIRE ALARM LEVEL 2 - AREA C</div><div>FA2-4DFIRE ALARM LEVEL 2 - AREA D</div><div>FA2-5EFIRE ALARM LEVEL 2 - AREA E</div><div>FA2-6FFIRE ALARM LEVEL 2 - AREA F</div><div>FA2-7GFIRE ALARM LEVEL 2 - AREA G</div><div>FA3.1FIRE ALARM LEVEL 3</div><div>FA4.0FIRE ALARM RISER DIAGRAM</div></div></div></div>	<div><div>MHT AIRPORT</div><div>One Airport Road, Manchester, NH, 03103</div><div><div>3D IMAGE</div><div>SITE LOCATION MAP</div></div></div>
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MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

[illegible]

JAL. CONTENT:
FIRE ALARM LEGEND AND DETAIL

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PROJECT N	
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DATE: _____

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SCALE:

FA0.0

Project Phase	
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FIRE ALARM SYSTEM ABBREVIATIONS:





AFT	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
E	EMERGENCY CIRCUIT BRANCH
ENL	EXISTING DEVICE IN A NEW LOCATION
ETD	EXISTING DEVICE/EQUIPMENT TO BE DEMOLISHED
ETR	EXISTING DEVICE/EQUIPMENT TO REMAIN
ETRL	EXISTING DEVICE TO BE REMOVED AND RELOCATED
ETRR	EXISTING DEVICE TO BE REMOVED AND REPLACED WITH NEW
FLPL	POWER LIMITED FIRE ALARM CABLE - PLENUM RATED
FLPLR	POWER LIMITED FIRE ALARM CABLE - Riser RATED
FSD (E)	FIRE/SMOKE DAMPER (EXHAUST)
FSD (R)	FIRE/SMOKE DAMPER (RETURN)
FSD (S)	FIRE/SMOKE DAMPER (SUPPLY)
FT	FEET
HO	HIGH-OUTPUT SPEAKER COMPONENT
LM	LIFE ISOLATION MONITOR
LS	LIFE SAFETY CIRCUIT BRANCH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
PC	PROTECTIVE COVER
PV	POST INDICATOR VALVE
PVC	POLYVINYL CHLORIDE
SLC	SIGNALING LINE CIRCUIT
	SMOKE DAMPER (EXHAUST)
SD (E)	SMOKE DAMPER (RETURN)
SD (R)	SMOKE DAMPER (SUPPLY)
SD (S)	TWISTED/SHIELDED PAIR

FIRE ALARM SYSTEM LEGEND







CONTROLS:

FACP	FIRE ALARM CONTROL PANEL "M" INDICATES MAIN PANEL "T" INDICATES TYPICAL "T" INDICATES REMOTE PANEL (AS SHOWN ON FLOOR PLAN)	FACP
GA	GRAPHIC ANNUNCIATOR (AS SHOWN ON FLOOR PLAN)	GA
PS	AUXILIARY POWER SUPPLY (AS SHOWN ON FLOOR PLAN)	PS
FAM	FIRE ALARM ANNUNCIATOR (AS SHOWN ON FLOOR PLAN)	FAM
TC	FIRE ALARM TERMINAL CABINET (AS SHOWN ON FLOOR PLAN)	TC
PNCP	PRE-ACTION SUPPRESSION RELEASING PANEL (AS SHOWN ON FLOOR PLAN)	PNCP
WKS1	OPERATOR'S WORKSTATION (AS SHOWN ON FLOOR PLAN)	WKS1
PRR	PRINTER	
REL	END-OF-LINE RESISTOR	
PUL	FIRE ALARM PULLBOX	


INITIATING DEVICES:


	MANUAL PULL STATION
	PHOTOELECTRIC SMOKE DETECTOR "T" INDICATES FOR ELEVATOR FUNCTIONS
	COMBINATION RATE-OF-RISE/FIXED TEMPERATURE HEAT DETECTOR "T" INDICATES FOR ELEVATOR FUNCTIONS
	DUCT MOUNTED SMOKE DETECTOR SMOKE DETECTOR PROVIDED AND WIRED BY ELECTRICAL CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR - COORDINATE WITH MECHANICAL DRAWINGS TO DETERMINE EXACT LOCATION AND QUANTITY OF ALL DUCT SMOKE DETECTORS.


NOTIFICATION APPLIANCES:


	WALL MOUNTED COMBINATION AUDIO/VISUAL (SPEAKER/STROBE) APPLIANCE # INDICATES CANDELA RATING
	WALL MOUNTED VISUAL (STROBE) APPLIANCE # INDICATES CANDELA RATING
	CEILING MOUNTED COMBINATION AUDIO/VISUAL (SPEAKER/STROBE) APPLIANCE # INDICATES CANDELA RATING
	CEILING MOUNTED AUDIO (SPEAKER)
	WALL MOUNTED AUDIO (SPEAKER) APPLIANCE
	CEILING MOUNTED VISUAL (STROBE) APPLIANCE # INDICATES CANDELA RATING

MODULES:






 MONITOR MODULE
 "T" INDICATES TAMPER SWITCH
 "F" INDICATES FLOW SWITCH
 "P" INDICATES PRESSURE SWITCH
 TAMPER AND FLOW SWITCH(ES) FURNISHED AND INSTALLED BY
 THE FIRE PROTECTION CONTRACTOR, WIRED BY THE ELECTRICAL
 CONTRACTOR.

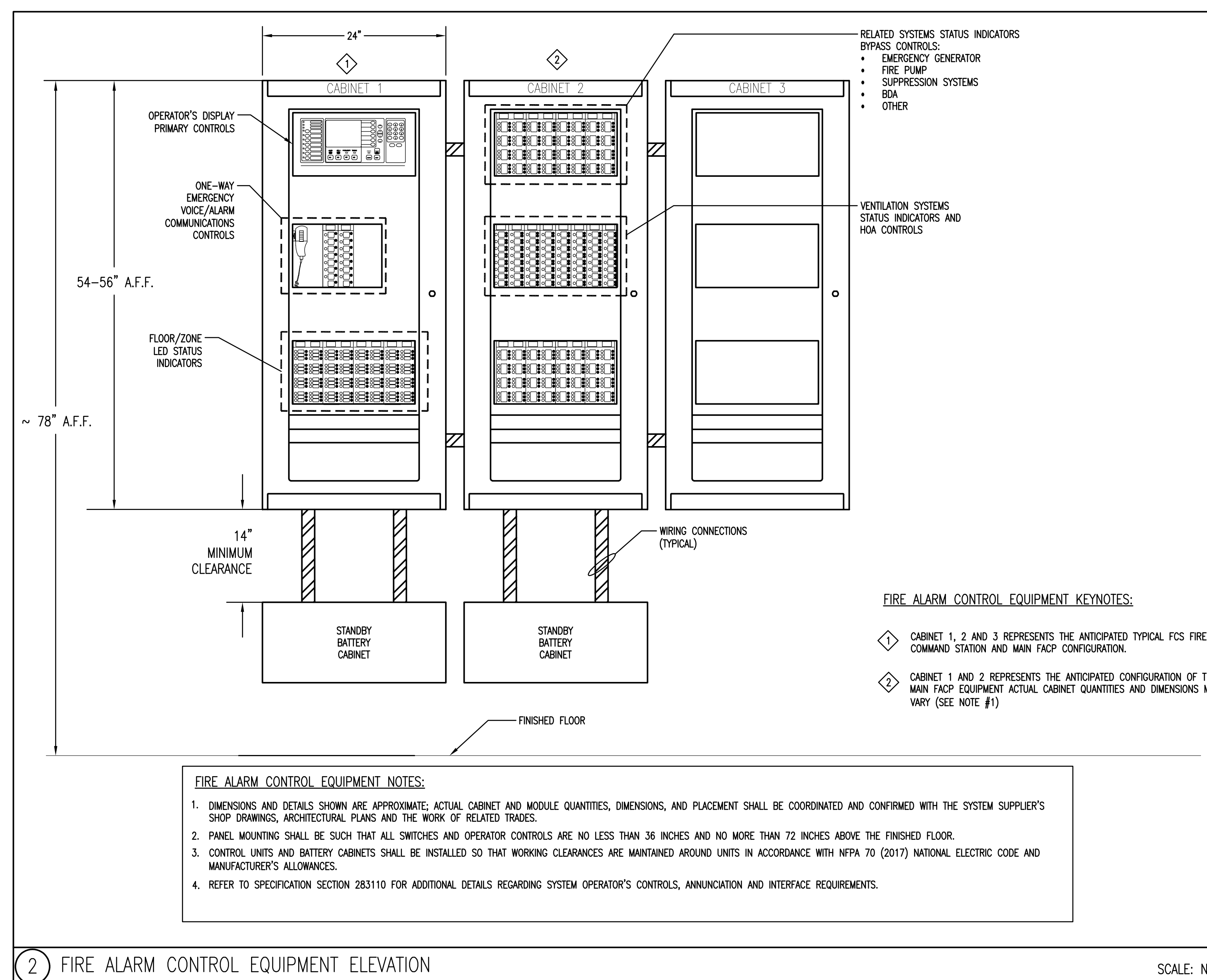
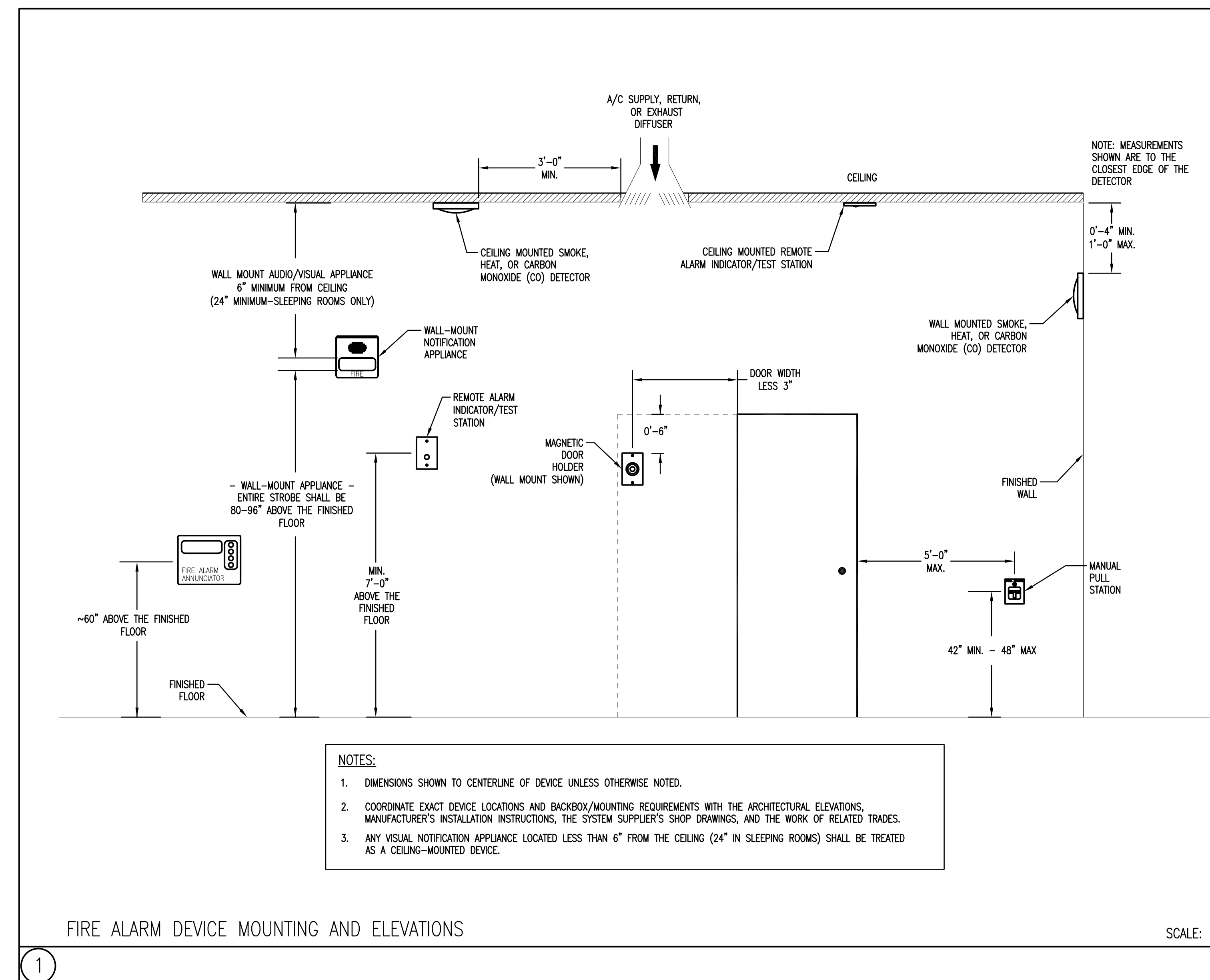
 CONTROL MODULE

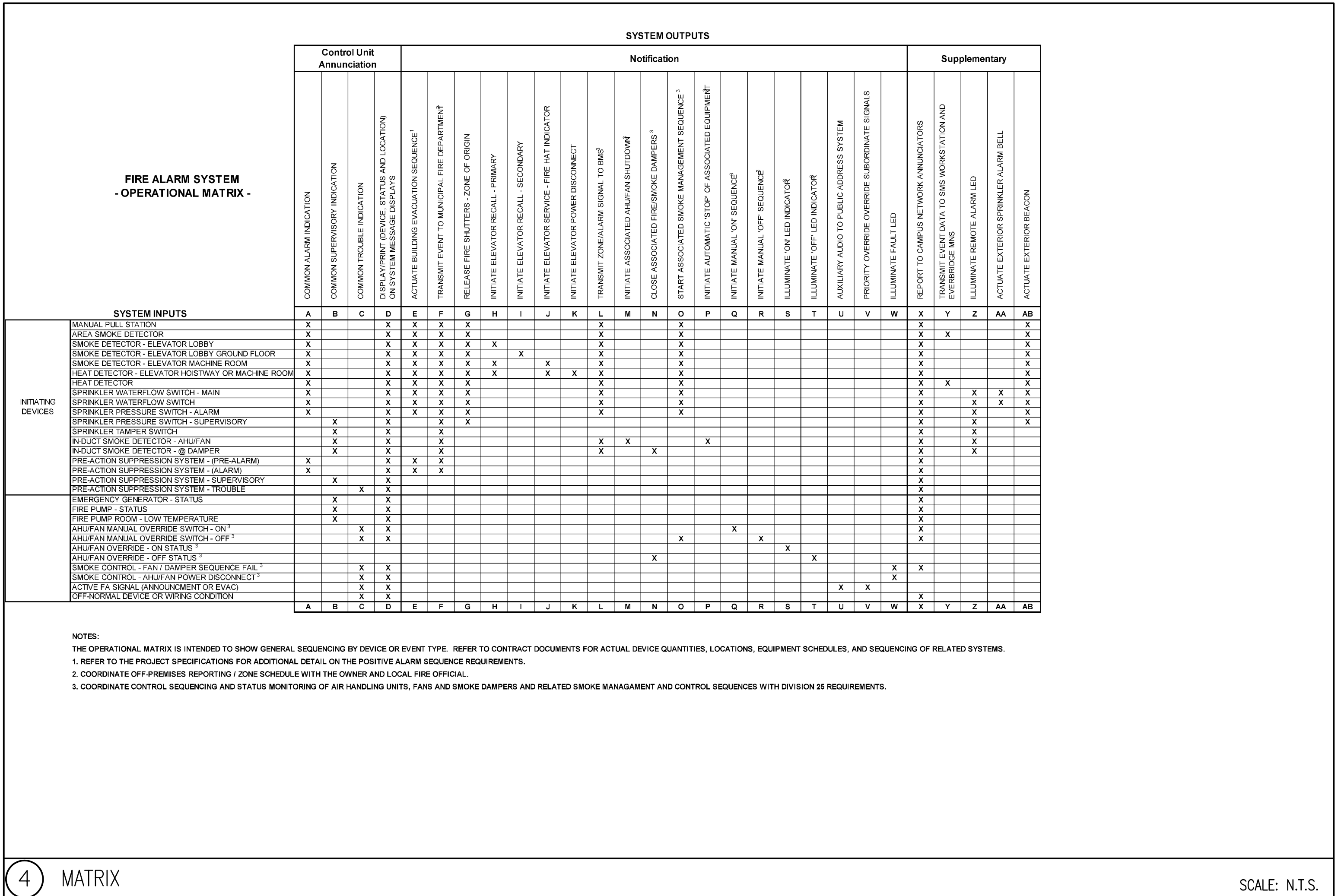
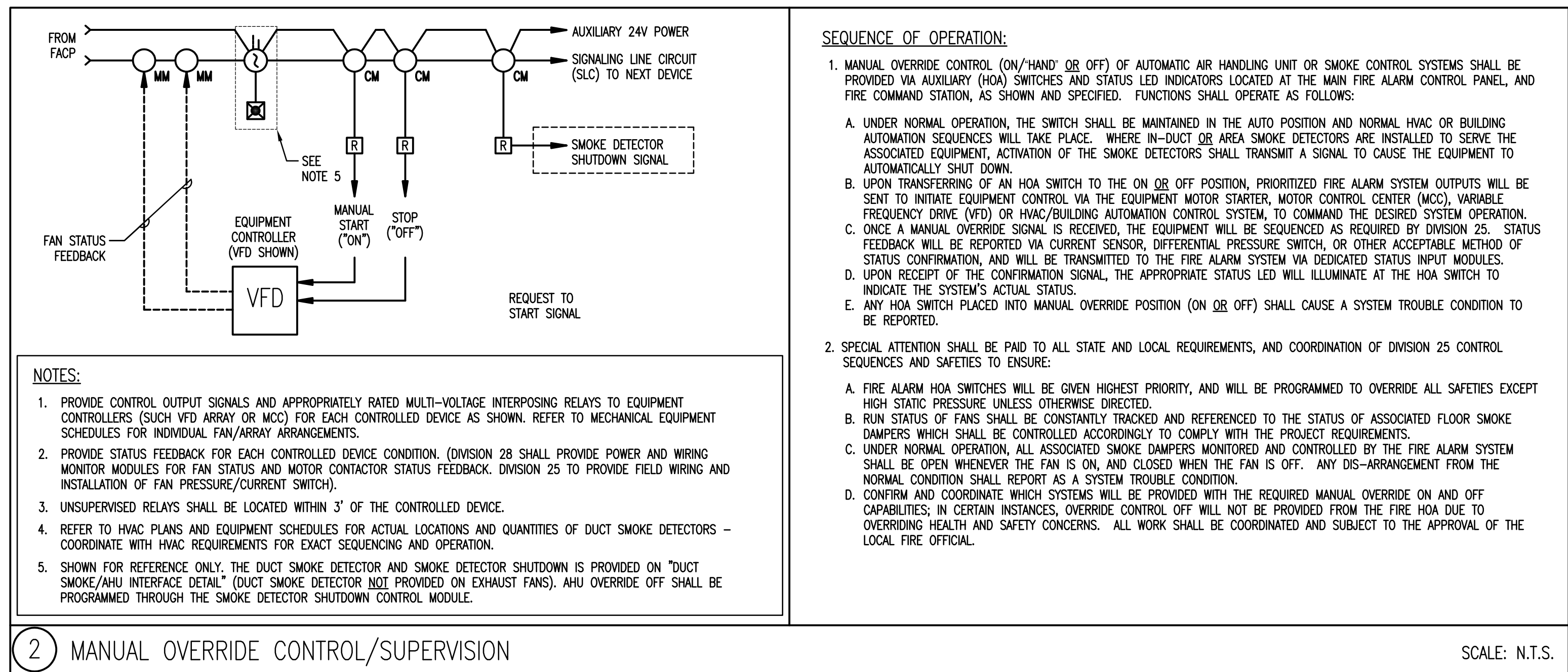
 MULTI-POINT INPUT/OUTPUT MODULE
 # INDICATES QUANTITY OF POINTS - REFER TO ASSOCIATED
 DETAILS FOR POINT/DEVICE ASSIGNMENTS.

 AUXILIARY MULTI-VOLTAGE RELAY (INTERPOSING RELAY)
 "Z" INDICATES DOUBLE POLE/DOUBLE THROW (DPDT) RELAY

ACCESSORIES:

	REMOTE STATUS/ALARM INDICATOR (RAI)
	REMOTE ALARM INDICATOR AND TEST SWITCH
	4\"
	TELEPHONE/DATA NETWORK OUTLET
	MAGNETIC DOOR HOLD OPEN DEVICE



A horizontal number line with tick marks labeled 9, 10, 11, 12, 13, 14, and 15. The line is black and the numbers are in a standard black font. The tick marks are vertical lines pointing downwards from the horizontal line.

GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS AND COORDINATE THE REQUIRED SYSTEM HARDWARE ALTERATIONS WITH R.B. ALLEN COMPANY.
4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION, CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-0.0, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.
1. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, REFLECTED CEILING PLANS AND DETAILS. DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS, CONSISTENT WITH THE SYSTEM SUPPLIER'S SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. REFER TO MECHANICAL RECORDS TO COORDINATE QUANTITIES AND LOCATIONS OF ALL EQUIPMENT AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
3. FILL ALL OPENINGS AND PENETRATIONS OF FIRE RATED FLOORS, PARTITIONS, WALLS AND CEILINGS WITH UL-CRACKED THROUGH PENETRATION PRESTOP SYSTEMS FOR USE WITH THE CONSTRUCTION AND PENETRATING ITEMS.
4. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDBY BATTERIES FOR COMPLETE STANDBY POWER.

KEYNOTES:

- ◇ DUCT SMOKE/AHI INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◇ MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◇ EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◇ COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FA0.0 AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345.
- ◇ NEW FIRE COMMAND STATION EQUIPMENT LOCATED IN THE COMMUNICATIONS CENTER. COORDINATE TEMPORARY INSTALLATION WITH SUPPLEMENT CABLE (25') SLACK FOR FUTURE PANEL RELOCATION DURING THE COMMUNICATIONS CENTER RENOVATION. REFER TO SHEET FA0.0 RISER DIAGRAM KEYNOTE D 1.0, FOR ADDITIONAL INFORMATION.
- ◇ MAINTAIN EXISTING I/O CONTROL AND SUPERVISION OF EXISTING BUILDING MANAGEMENT SYSTEM AND SMOKE EVACUATION INTEGRATION.

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	CD PRICING SET	05-31-19
1	PROGRESS	05-23-19

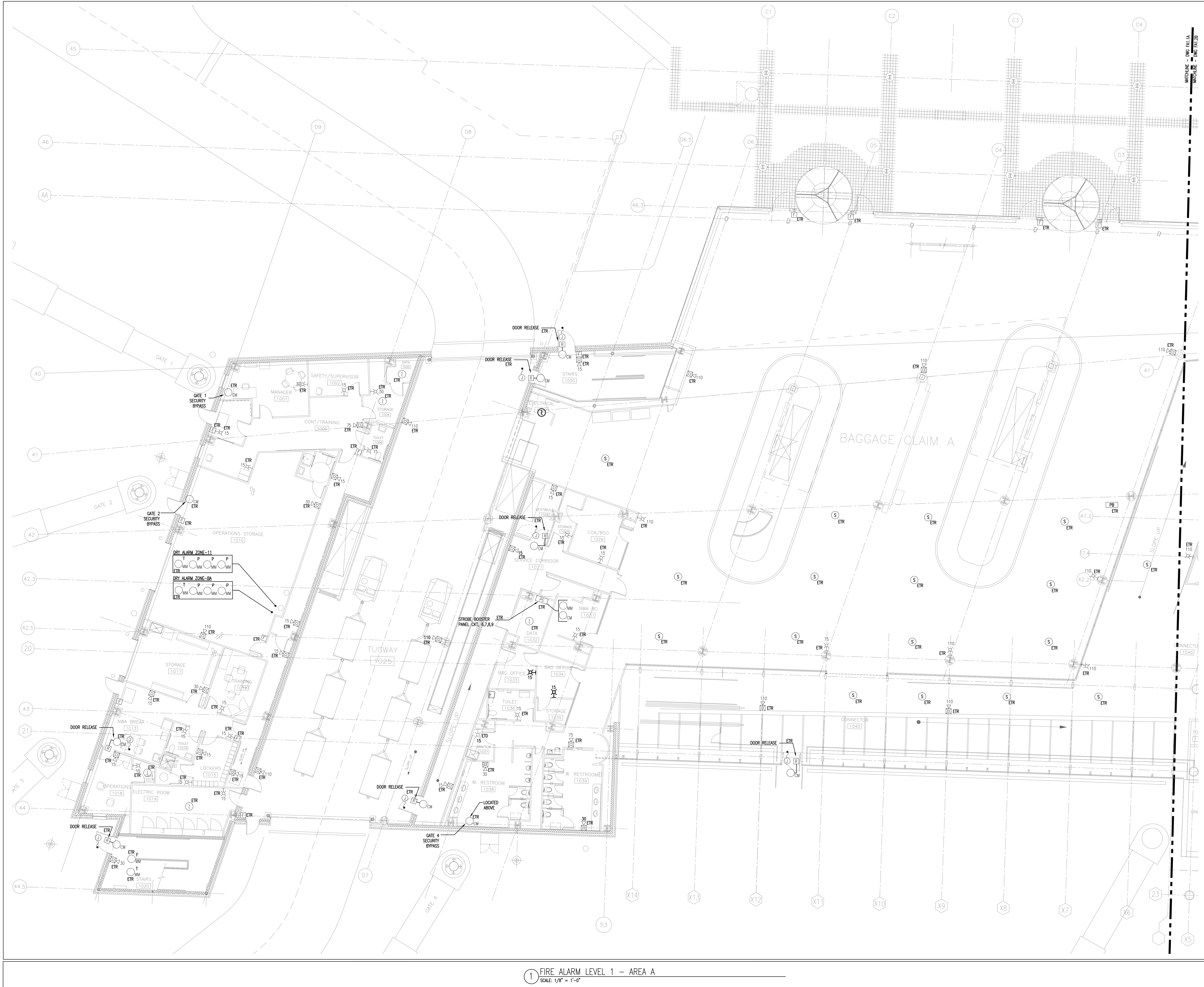


CONTENT:
FIRE ALARM LEVEL 1 - AREA A

DRAWN BY:
PROJECT NO: 17-003-00
DATE: 03/08/19
REVISED:
SCALE: 1/8"=1'-0"

FA-1.1A

Project Phase
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- 1 DUCT SMOKE/HAZ/ INTERFERENCE – REFER TO DETAIL #1 ON SHEET FACI.1 FOR ADDITIONAL INFORMATION.
- 2 MANUAL OVERRIDE CONTROL/SUPERVISION – REFER TO DETAIL #2 ON SHEET FACI.1 FOR ADDITIONAL INFORMATION.
- 3 EMERGENCY ELEVATOR SERVICE – REFER TO DETAIL #3 ON SHEET FACI.1 FOR ADDITIONAL INFORMATION.
- 4 COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVICE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FACP AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345
- 5 NEW FIRE CRIMSON STATION EQUIPMENT LOCATED IN THE EXISTING FIRE CONTROL CENTER – COORDINATE TEMPORARY INSTALLATION WITH SUFFICIENT CABLE (25%) SLACK FOR FUTURE PANEL RELOCATION DURING REROWING OPERATIONS. COORDINATE RELOCATION OF SHEET FACI.40 INSER DGRAND KEYNOTE D 1.0, FOR ADDITIONAL INFORMATION.
- 6 MAINTAIN EXISTING /OTR CONTROL AND SUPERVISION OF BUILDING MANAGEMENT SYSTEM AND MODEM EVACUATION INTERCOM.

GENERATOR SUPERVISION:

- ☐ MM - "START" (GENERATOR RUNNING)
- ☐ MM - "STOP" (NOT IN AUTO)
- ☐ MM - "FAIL" (COMMON FAULT)
- ☐ MM - "LOW FUEL"
- ☐ MM - "LOW OIL PRESSURE"

1 FIRE ALARM LEVEL 1 - AREA B
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM HARDWARE ALTERATIONS WITH R.B. ALLEN COMPANY.
4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION, CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-0.0, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.
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2. REFER TO MECHANICAL RECORDS TO COORDINATE QUANTITIES AND LOCATIONS OF ALL EQUIPMENT AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
3. FILL ALL OPENINGS AND PENETRATIONS OF FIRE RATED FLOORS, PARTITIONS, WALLS AND CEILINGS WITH UL-CRATED THROUGH PENETRATION FIRESTOP SYSTEMS FOR USE WITH THE CONSTRUCTION AND PENETRATING ITEMS.
4. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDBY BATTERIES FOR COMPLETE STANDBY POWER.

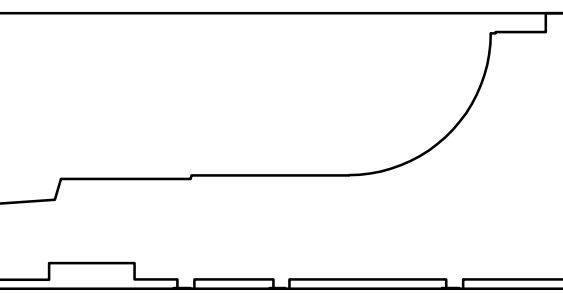
KEYNOTES:

- ◇ DUCT SMOKE/AHU INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◇ MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◇ EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◇ COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FACP AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345.
- ◇ NEW FIRE COMMAND SYSTEM EQUIPMENT LOCATED IN THE COMMUNICATIONS CENTER. COORDINATE TEMPORARY INSTALLATION WITH SUFFICIENT CABLE (25') SLACK FOR FUTURE PANEL RELOCATION DURING THE COMMUNICATIONS CENTER RENOVATION. REFER TO SHEET FA0.0 RISER DIAGRAM KEYNOTE D.1.0, FOR ADDITIONAL INFORMATION.
- ◇ MAINTAIN EXISTING I/O CONTROL AND SUPERVISION OF EXISTING BUILDING MANAGEMENT SYSTEM AND SMOKE EVACUATION INTEGRATION.

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19



CONTENT:
FIRE ALARM LEVEL 1 - AREA C

DRAWN BY:

PROJECT NO:

DATE:

REVISED:

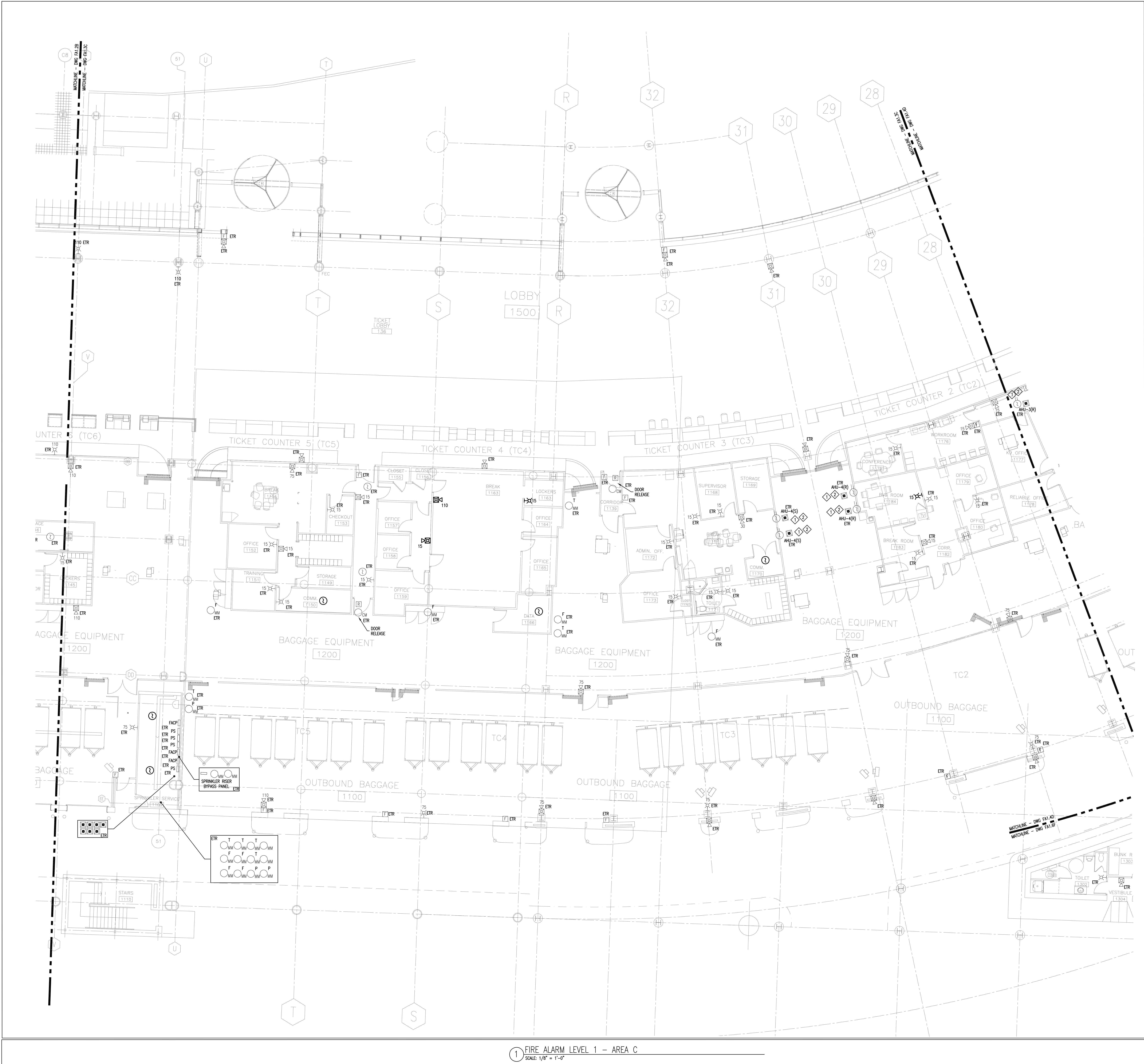
SCALE:

FA1.3C

Project Phase

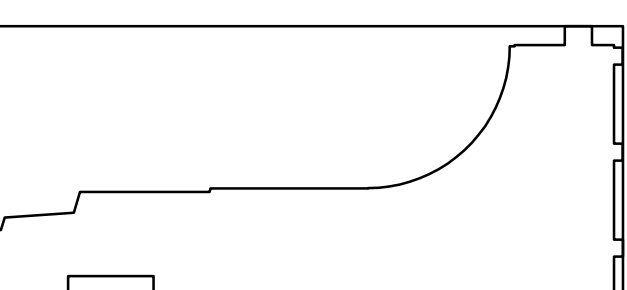
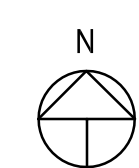
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NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19



CONTENT:
FIRE ALARM LEVEL 1 - AREA D

DRAWN BY:

PROJECT NO: 17-003-

DATE: _____ CG/DB: _____

REVISOR:

FA1.4D

Project Phase	100% CONSTRUCTION DOCUMENTS
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GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "TIE" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY THE CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL CIRCUITS SHALL BE MAINTAINED OR RE-INSTALLED IN NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM HONCARE ALTERATIONS WITH R.R. APPLIED COMPANY.
4. ONCE EQUIPMENT PARTS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION. CIRCUITS SHALL BE COMPLETED WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-000, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.

1. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, REFLECTED CEILING PLANS AND DETAILS. DEVICES SHALL BE INSTALLED ACCORDING TO NFPA 72 REQUIREMENTS, CONSISTENT WITH THE SYSTEM SUPPLIER'S SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. REFER TO MECHANICAL RECORDS TO COORDINATE QUANTITIES AND LOCATIONS OF ALL EQUIPMENT AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
3. FILL ALL OPENINGS AND PENETRATIONS AT FIRE RATED FLOORS, PARTITIONS, WALLS AND CEILINGS WITH UL-Classified THROUGH PENETRATION FIRESTOP SYSTEM FOR USE WITH THE CONSTRUCTION AND PENETRATING ITEMS.
4. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDY BY CONDUIT FOR CONDUIT TO BE INSTALLED.

KEYNOTES:

- | | |
|----|---|
| 7 | DUCT SMOKE/HAZU INTERFERENCE - REFER TO DETAIL ON SHEET #A-1 FOR ADDITIONAL INFORMATION. |
| 8 | MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET #A-1 FOR ADDITIONAL INFORMATION. |
| 9 | EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET #A-1 FOR ADDITIONAL INFORMATION. |
| 10 | COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCONNECT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING PACE AND LISTED CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345. |
| 11 | NEW FIRE COMMAND STATION EQUIPMENT LOCATED AT THE EXISTING COMMUNICATIONS CABINET WITH TERMINAL INSTALLATION WITH SUFFICIENT CABLE (25') SLACK FOR FUTURE PANEL REPLACEMENT DURING COMMUNICATIONS CENTER RENOVATION. REFER TO SHEET #A-2 FOR DETAILED KEYNOTE D-10, FOR ADDITIONAL INFORMATION. |
| 12 | MAINTAIN EXISTING I/O CONTROL AND SUPERVISION OF THE BUILDING MANAGEMENT SYSTEM AND SMOKE EVACUATION INTERGRATION. |

1 FIRE ALARM LEVEL 1 - AREA D
SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
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4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-0.0, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.

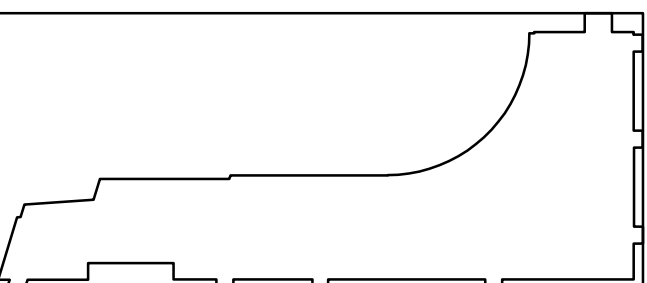
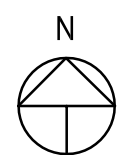
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- ◆ DUCT SMOKE/AHU INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ MANUAL OVERIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING RAMP AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345.
- ◆ NEW FIRE COMMAND STATION EQUIPMENT LOCATED IN THE COMMUNICATIONS CENTER. COORDINATE TEMPORARY INSTALLATION WITH SUFFICIENT CABLE (25') SLACK FOR FUTURE PANEL RELOCATION DURING THE COMMUNICATIONS CENTER RENOVATION. REFER TO SHEET FA0.0 RISER DIAGRAM KEYNOTE D 1.0, FOR ADDITIONAL INFORMATION.
- ◆ MAINTAIN EXISTING I/O CONTROL AND SUPERVISION OF EXISTING BUILDING MANAGEMENT SYSTEM AND SMOKE EVACUATION INTEGRATION.

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19

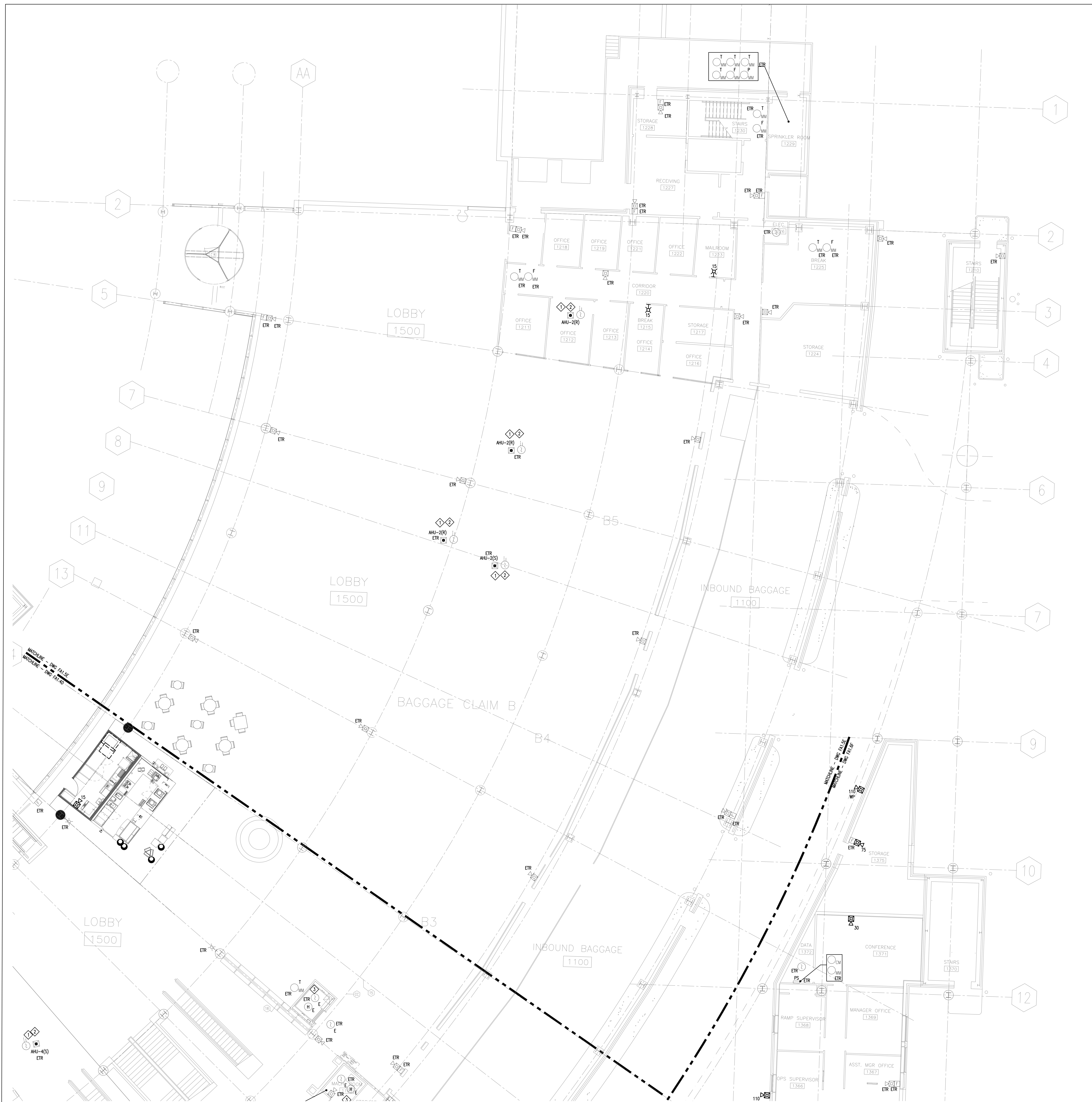


CONTENT:
FIRE ALARM LEVEL 1 - AREA E

DRAWN BY:
PROJECT NO: 17-003-00
DATE: 03/08/19
REVISED:
SCALE: 1/8"=1'-0"

FA1.5E

Project Phase
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GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
 2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
 3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM HARDWARE ALTERATIONS WITH R.B. ALLEN COMPANY.
 4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
 5. MAINTAIN SYSTEM SUPERVISION, CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
 6. REFER TO SHEET FA-0.0, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.
1. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, REFLECTED CEILING PLANS AND DETAILS. DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS, CONSISTENT WITH THE SYSTEM SUPPLIER'S SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
 2. REFER TO MECHANICAL RECORDS TO COORDINATE QUANTITIES AND LOCATIONS OF ALL EQUIPMENT AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
 3. FILL ALL OPENINGS AND PENETRATIONS OF FIRE RATED FLOORS, PARTITIONS, WALLS AND CEILINGS WITH UL-Classified THROUGH PENETRATION FIRESTOP SYSTEMS FOR USE WITH THE CONSTRUCTION AND PENETRATING ITEMS.
 4. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDBY BATTERIES FOR COMPLETE STANDBY POWER.

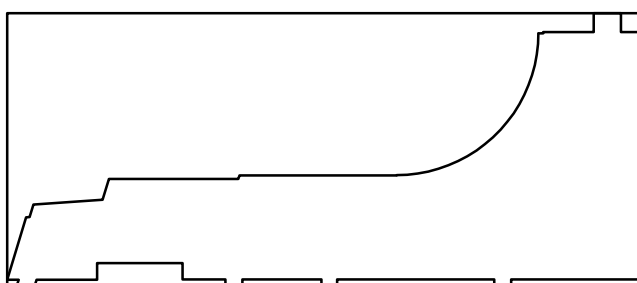
KEYNOTES:

- ◆ DUCT SMOKE/AHU INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FACP AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1545.

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19



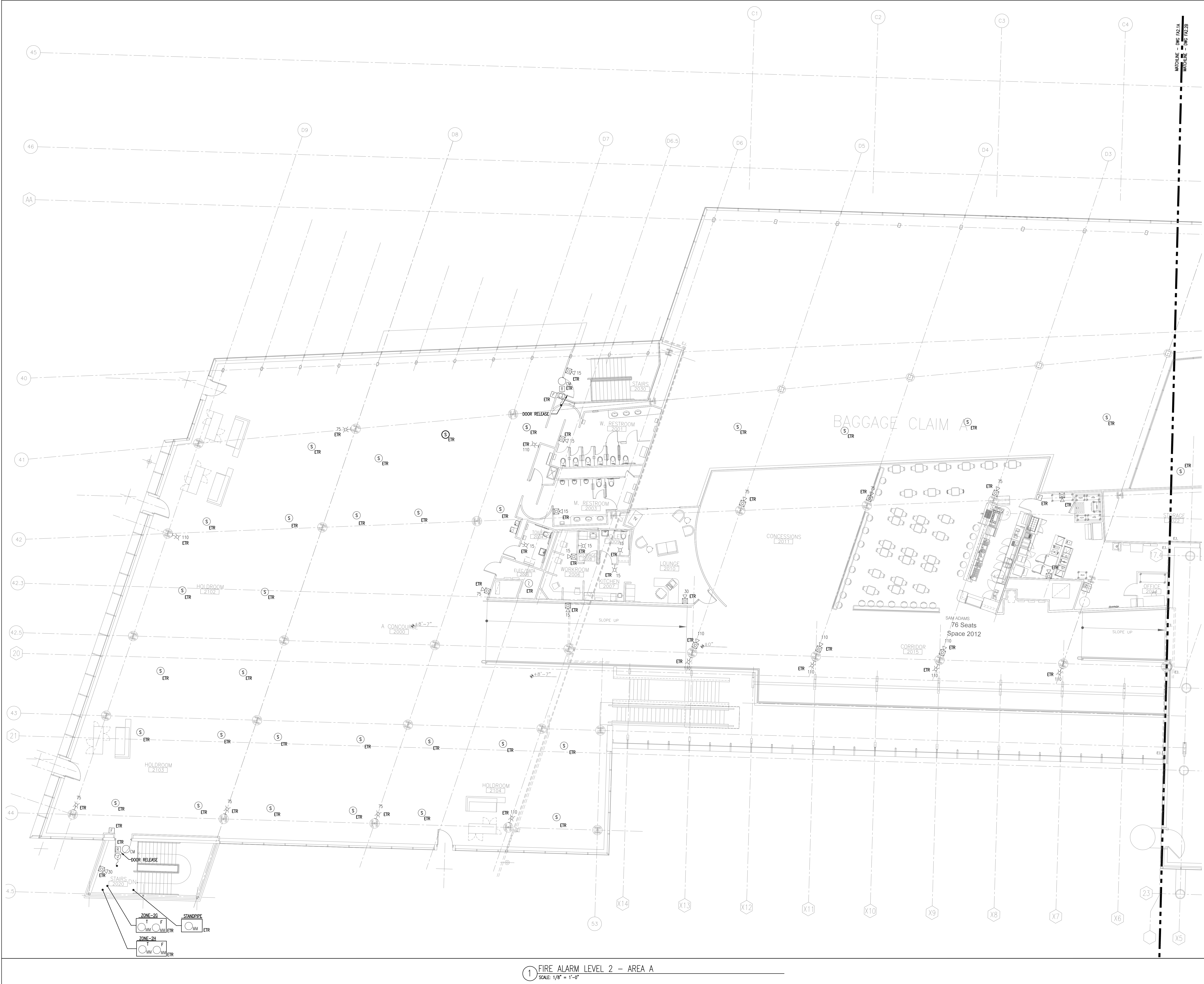
CONTENT:
FIRE ALARM LEVEL 2 - AREA A

DRAWN BY:
PROJECT NO: 17-003-00
DATE: 03/08/19
REVISED:
SCALE: 1/8"=1'-0"

FA2.1A

Project Phase
100% CONSTRUCTION DOCUMENTS

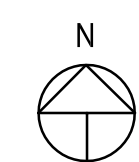
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1 FIRE ALARM LEVEL 2 - AREA A
SCALE: 1/8" = 1'-0"

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

[illegible]

CONTENT:
FIRE ALARM LEVEL 2 - AREA B

DRAWN BY:

PROJECT NO:	17-003-
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DATE: 03/08/

REVISIONS:

FA2.2B

ADDITIONAL INFORMATION	Project Phase
	100% CONSTRUCTION DOCUMENTS

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GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "TIE" AND ASSIGNED WORKING SHALL BE MAINTAINED AND REPAIRED AS REQUIRED. ANY TIE THAT CANNOT BE SERVED BY NEW CABLES AND WORKING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANEL SHALL BE:
2. EXISTING FIRE ALARM CONTROL PANEL SHALL BE REPLACED BY A NEW, AND EXISTING FUNCTIONAL, EQUIPMENT. THE NEW PANEL SHALL BE THE NEW PANEL. RE-USE ALL EXISTING CABLES AND WORKING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONALITY.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEMS, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEMS AND WIRING WITH THE LOCAL COMMUNITY.
4. ONCE EQUIPMENT PANELS ARE REPLACED SYSTEMS CABLES TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION, CIRCUITS SHALL BE COMPLETED TO NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SPEC FA-001, FA-011 AND FA-012 FOR ADDITIONAL DETAILS.
- 7.1. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, SECTIONS, AND DETAILS. ALL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS. COORDINATE WITH THE SUPPLIER'S SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
- 7.2. REFER TO MECHANICAL RECORDS TO COORDINATE WITH MECHANICAL WALLS, CEILING, AND EQUIPMENT TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
- 7.3. RAIL ALL OPENINGS AND PENETRATIONS OF FIRE RESISTING WALLS, CEILING, AND EQUIPMENT WITH UL-CERTIFIED THROUGH PENETRATION FIRESTOPS FOR USE WITH THE CONSTRUCTION AND PENETRATION.
8. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDBY ELECTRICAL SERVICE TO ALL DEVICES.

KEYNOTES:

- 1 DUCT SMOKE/AHU INTERFACE - REFER TO DETAIL #1 ON SHEET FAQ.1 FOR ADDITIONAL INFORMATION.
- 2 MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FAQ.1 FOR ADDITIONAL INFORMATION.
- 3 EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FAQ.1 FOR ADDITIONAL INFORMATION
- 4 COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FACP AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345

1 FIRE ALARM LEVEL 2 - AREA B
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM HARDWARE ALTERATIONS WITH R.S. ALLEN COMPANY.
4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION, CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-0.0, FA-0.1 AND FA-0.0 FOR ADDITIONAL DETAILS.
1. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, REFLECTED CEILING PLANS AND DETAILS. DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS, CONSISTENT WITH THE SYSTEM SUPPLIER'S SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. REFER TO MECHANICAL RECORDS TO COORDINATE QUANTITIES AND LOCATIONS OF ALL EQUIPMENT AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
3. FILL ALL OPENINGS AND PENETRATIONS OF FIRE RATED FLOORS, PARTITIONS, WALLS AND CEILINGS WITH UL-CRASSIFIED THROUGH PENETRATION FIRESTOP SYSTEMS FOR USE WITH THE CONSTRUCTION AND PENETRATING ITEMS.
4. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDBY BATTERIES FOR COMPLETE STANDBY POWER.

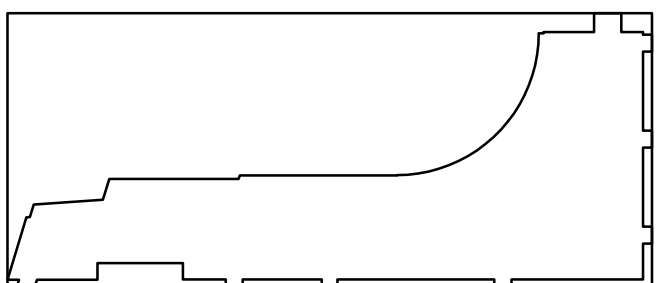
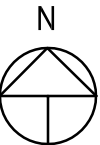
KEYNOTES:

- ◇ DUCT SMOKE/HAZ INTERFACE - REFER TO DETAIL #1 ON SHEET FA-0.1 FOR ADDITIONAL INFORMATION.
- ◇ MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA-0.1 FOR ADDITIONAL INFORMATION.
- ◇ EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA-0.1 FOR ADDITIONAL INFORMATION.
- ◇ COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FA-0.1 AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345.

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-25-19



CONTENT:
FIRE ALARM LEVEL 2 - AREA C

DRAWN BY:
PROJECT NO: 17-003-00
DATE: 03/08/19
REVISED:
SCALE: 1/8"=1'-0"

FA2-3C

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1 FIRE ALARM LEVEL 2 - AREA C
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM HARDWARE ALTERATIONS WITH R.B. ALLEN COMPANY.
4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION, CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-0.0, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.

1. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, REFLECTED CEILING PLANS AND DETAILS. DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 REQUIREMENTS, CONSISTENT WITH THE SYSTEM SUPPLIER'S SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. REFER TO MECHANICAL RECORDS TO COORDINATE QUANTITIES AND LOCATIONS OF ALL EQUIPMENT AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
3. FILL ALL OPENINGS AND PENETRATIONS OF FIRE RATED FLOORS, PARTITIONS, WALLS AND CEILINGS WITH UL-CRASSIFIED THROUGH PENETRATION FIRESTOP SYSTEMS FOR USE WITH THE CONSTRUCTION AND PENETRATING ITEMS.
4. CONTRACTOR SHALL PROVIDE 120VAC ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND RELATED DEVICES, AND PROVIDE NEW STANDBY BATTERIES FOR COMPLETE STANDBY POWER.

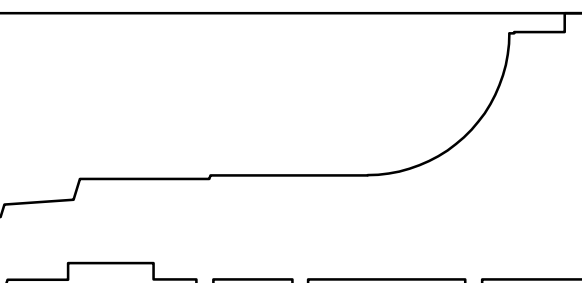
KEYNOTES:

- DUCT SMOKE/HU INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FA0.1 AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345.

MHT AIRPORT FIRE ALARM
UPGRADE

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19

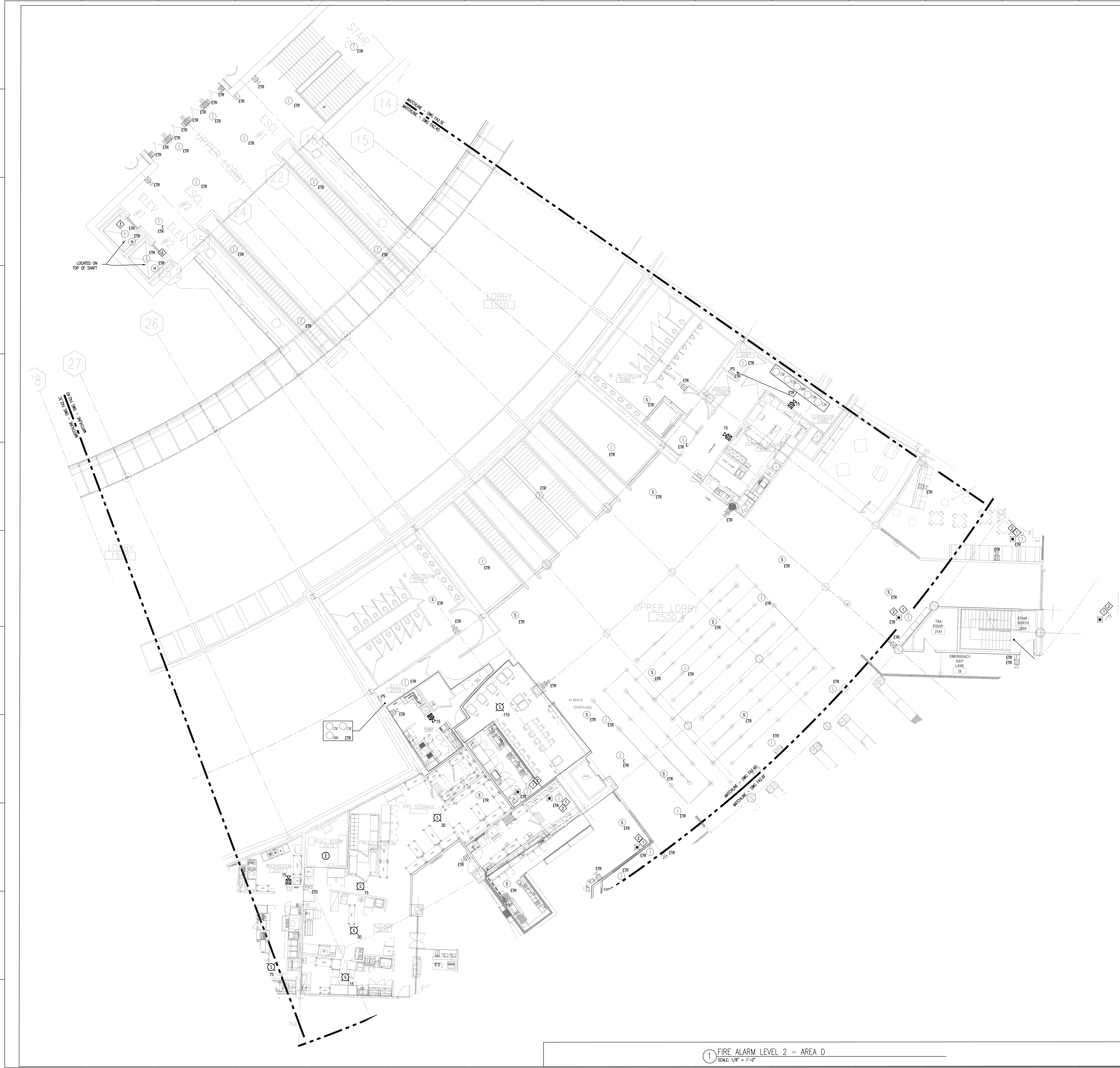


CONTENT:
FIRE ALARM LEVEL 2 - AREA D

DRAWN BY:
PROJECT NO: 17-003-00
DATE: 03/08/19
REVISED:
SCALE: 1/8"=1'-0"

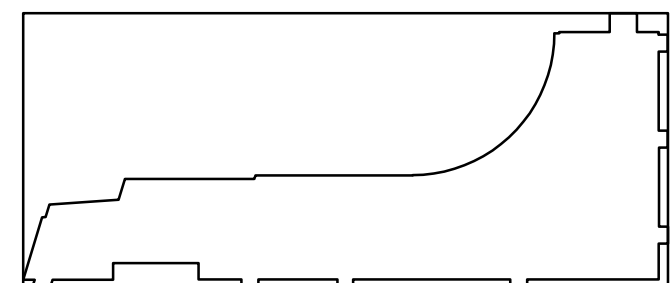
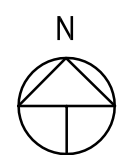
FA2-4D

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1 FIRE ALARM LEVEL 2 - AREA D
SCALE: 1/8" = 1'-0"

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19



CONTENT:
FIRE ALARM LEVEL 2 - AREA E

DRAWN BY:
PROJECT NO: 17-003-00
DATE: 03/08/19
REVISED:
SCALE: 1/8"=1'-0"

FA2-5E

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GENERAL NOTES:

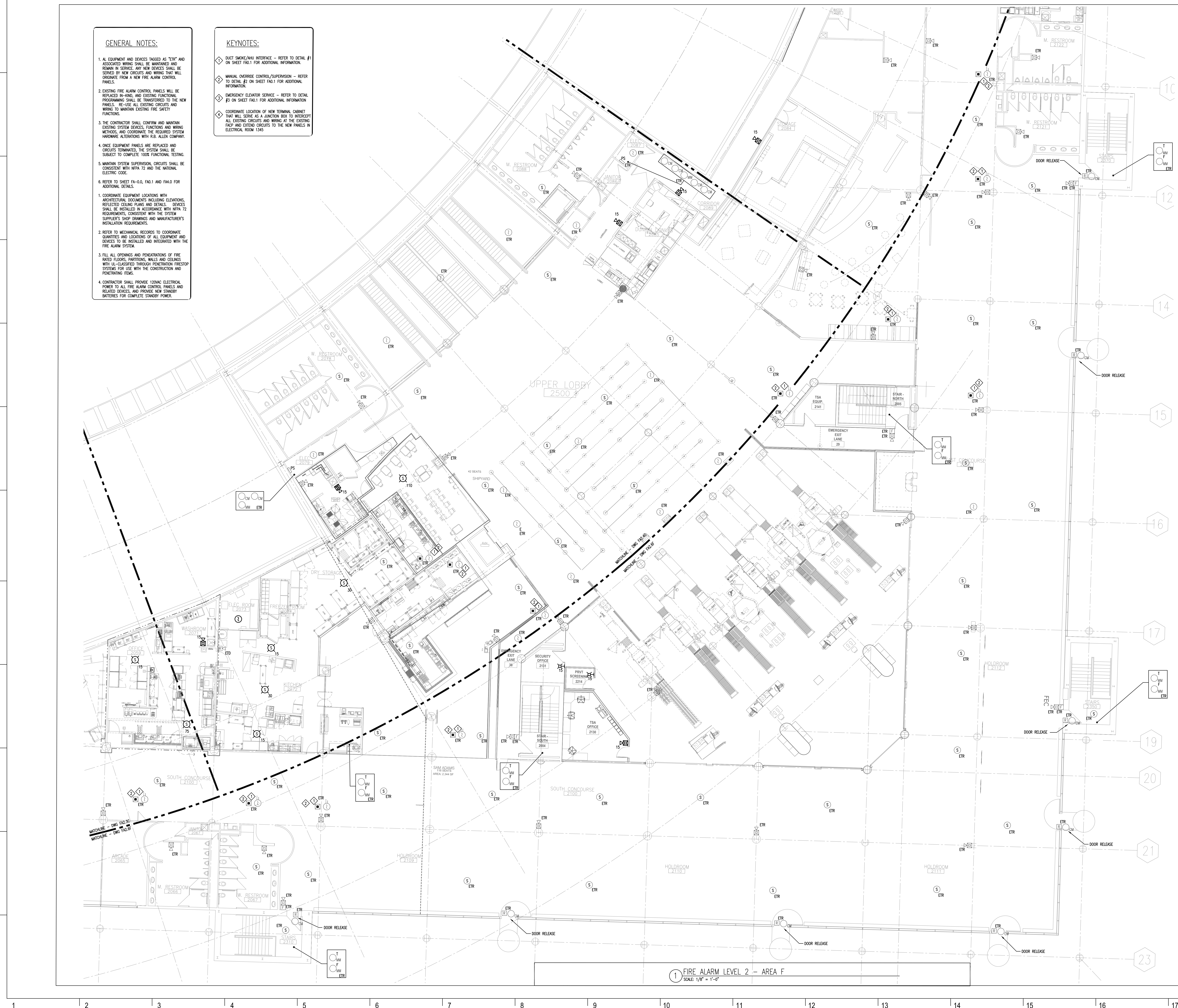
1. ALL EQUIPMENT AND DEVICES TAGGED AS "ETR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REMAIN IN SERVICE. ANY NEW DEVICES SHALL BE SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANELS.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANELS. RE-USE ALL EXISTING CIRCUITS AND WIRING TO MAINTAIN EXISTING FIRE SAFETY FUNCTIONS.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM HARDWARE ALTERATIONS WITH R.B. ALLEN COMPANY.
4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPERVISION. CIRCUITS SHALL BE CONSISTENT WITH NFPA 72 AND THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET FA-0.0, FA0.1 AND FA0.0 FOR ADDITIONAL DETAILS.

KEYNOTES:

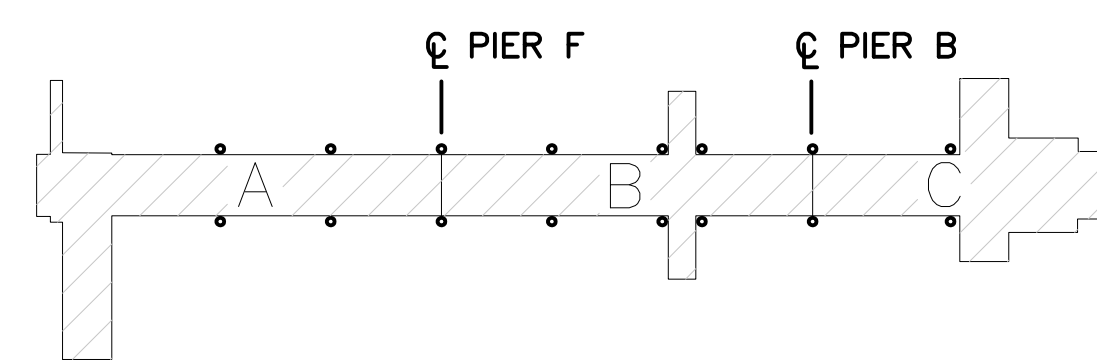
- ◆ DUCT SMOKE/AHU INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- ◆ COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FACED AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1545.



1 FIRE ALARM LEVEL 2 - AREA E
SCALE: 1/8" = 1'-0"



FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

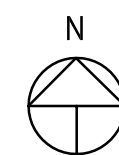


1. ALL EQUIPMENT AND DEVICES TAGGED AS "TFR" AND ASSOCIATED WIRING SHALL BE MAINTAINED AND REPAIRED IN ACCORDANCE WITH THE REQUIREMENTS SERVED BY NEW CIRCUITS AND WIRING THAT WILL ORIGINATE FROM A NEW FIRE ALARM CONTROL PANEL.
2. EXISTING FIRE ALARM CONTROL PANELS WILL BE REPLACED IN-KIND, AND EXISTING FUNCTIONAL PROGRAMMING SHALL BE TRANSFERRED TO THE NEW PANEL. ALL EXISTING EQUIPMENT SHALL BE MAINTAINED TO MAINTAIN EXISTING FIRE SAFETY.
3. THE CONTRACTOR SHALL CONFIRM AND MAINTAIN EXISTING SYSTEM DEVICES, FUNCTIONS AND WIRING METHODS, AND COORDINATE THE REQUIRED SYSTEM MODIFICATIONS WITH THE FIRE ALARM SUPPLIER.
4. ONCE EQUIPMENT PANELS ARE REPLACED AND CIRCUITS TERMINATED, THE SYSTEM SHALL BE SUBJECT TO COMPLETE 100% FUNCTIONAL TESTING.
5. MAINTAIN SYSTEM SUPPLEMENTAL CIRCUITS SHALL BE MAINTAINED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
6. REFER TO SHEET F.A.O. 1, F.A.O. 1 AND F.A.O. 1 FOR ADDITIONAL DETAILS.
7. COORDINATE EQUIPMENT LOCATIONS WITH ARCHITECTURAL DOCUMENTS INCLUDING ELEVATIONS, AND COORDINATE WITH THE FIRE ALARM DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH WMA 72 AND THE FIRE ALARM SUPPLIER'S INSTALLATION REQUIREMENTS.
8. REFER TO MECHANICAL REQUIREMENTS TO COORDINATE THE LOCATION OF THE FIRE ALARM DEVICES AND DEVICES TO BE INSTALLED AND INTEGRATED WITH THE FIRE ALARM SYSTEM.
9. FILL ALL OPENINGS AND PENETRATIONS OF FIRE RATED PARTITIONS, WALLS, FLOORS, CEILING AND WALLS WITH UL-CERTIFIED THROUGH PENETRATION FIRESTOP SYSTEMS FOR USE WITH THE CONSTRUCTION AND PENETRATIONS.
10. CONTRACTOR SHALL PROVIDE 1200W ELECTRICAL POWER TO ALL FIRE ALARM CONTROL PANELS AND REPEATER UNITS. PROVIDE 12VDC BATTERY POWER TO ALL COMPLETE STANDBY POWER.

- 1 DUCT SMOKE/AHU INTERFACE - REFER TO DETAIL #1 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- 2 MANUAL OVERRIDE CONTROL/SUPERVISION - REFER TO DETAIL #2 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION.
- 3 EMERGENCY ELEVATOR SERVICE - REFER TO DETAIL #3 ON SHEET FA0.1 FOR ADDITIONAL INFORMATION
- 4 COORDINATE LOCATION OF NEW TERMINAL CABINET THAT WILL SERVE AS A JUNCTION BOX TO INTERCEPT ALL EXISTING CIRCUITS AND WIRING AT THE EXISTING FACP AND EXTEND CIRCUITS TO THE NEW PANELS IN ELECTRICAL ROOM 1345

One Airport Road, Manchester, NH,
03103

NO.	DESCRIPTION	DATE
3	CONSTRUCTION DOCUMENTS	06-28-19
2	DD PRICING SET	05-31-19
1	PROGRESS	05-23-19



CONTENT:	
FIRE ALARM LEVEL 3	
DRAWN BY:	
PROJECT NO:	17-003-00
DATE:	03/06/19
REVISED:	
SCALE:	1/8"=1'-0"
FA3.1	
Project Phase	
100% CONSTRUCTION DOCUMENTS	
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A number line with arrows at both ends. It has tick marks labeled 15 and 16. The distance between 15 and 16 is divided into 10 equal intervals by 9 smaller tick marks.

