

# STATE OF IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES

## IOWA MEDICAL CLASSIFICATION CENTER

### FIRE ALARM REPLACEMENT

#### PROJECT #: 9445.00

#### 100% CD

#### 10/14/2025



Iowa Department of  
Administrative Services

OWNER

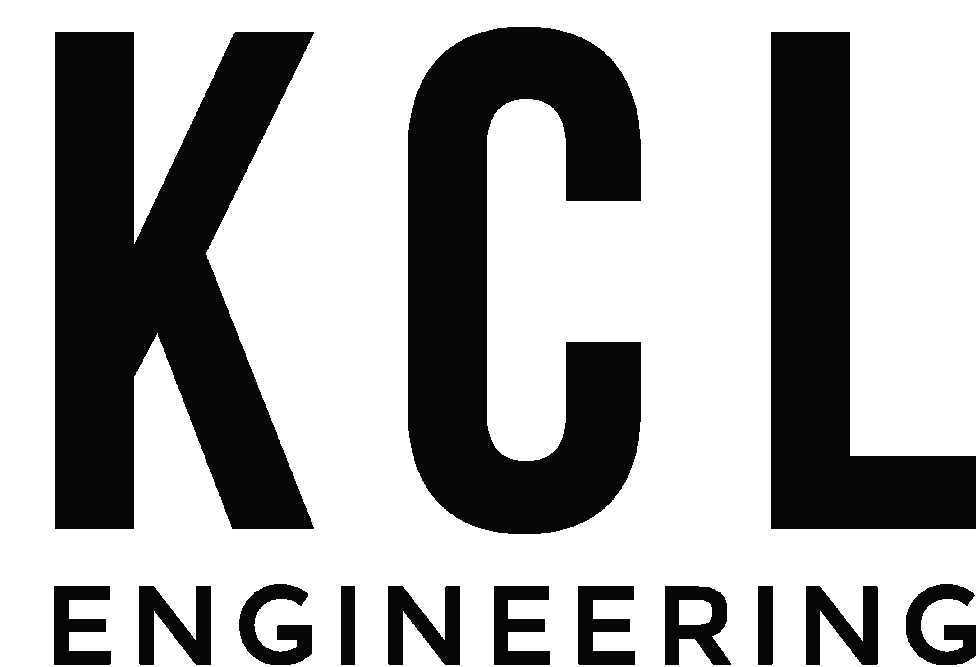
IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
109 SE 13TH STREET  
DES MOINES, IA 50319  
OWNER PROJECT NUMBER: 9445.00



Design  
Construct  
Furnish

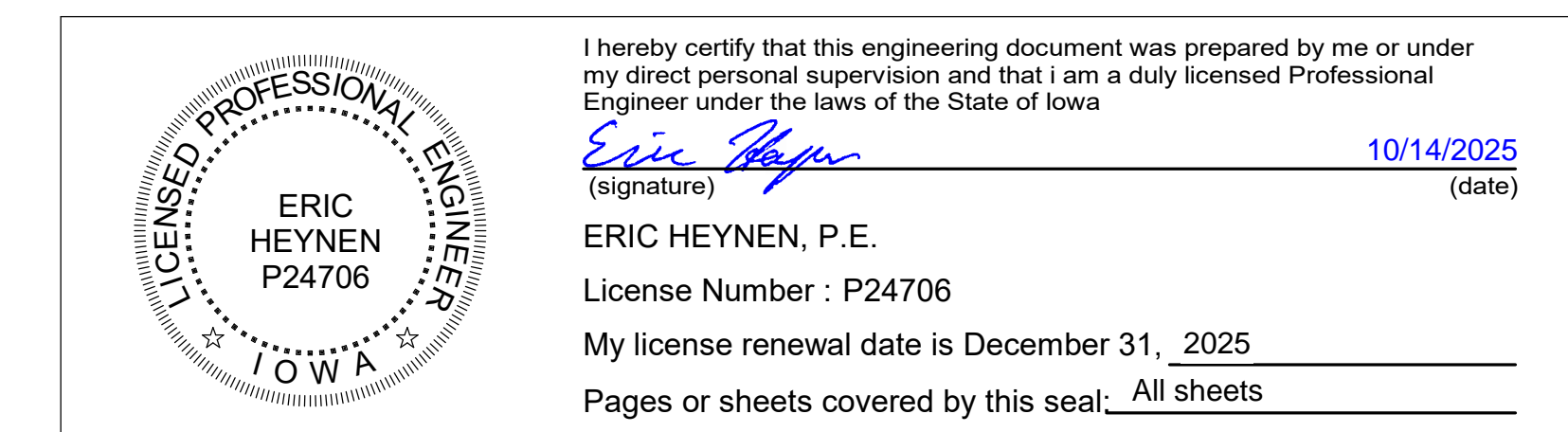
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CM PROJECT NUMBER: 7740



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ENGINEER PROJECT NUMBER: 25040



SHEET LIST	
Sheet Number	Sheet Name
AG00	TITLE SHEET
G001	LIFE SAFETY AND CODE SUMMARY
G002	LIFE SAFETY AND CODE SUMMARY
G003	LIFE SAFETY AND CODE SUMMARY
FA00	FIRE ALARM GENERAL SYMBOLS
FA01	FIRE ALARM GENERAL NOTES
FA02	FIRE ALARM ZONES
FA03	FIRE ALARM ZONES
FA04	FACILITY MAP
FA10	MAIN - BASEMENT - FIRE DETECTION & ALARM PLANS
FA11	MAIN - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA12	MAIN BUILDING - SECOND FLOOR & PENTHOUSE - FIRE DETECTION & ALARM PLANS
FA20	ADMIN - BASEMENT - FIRE DETECTION & ALARM PLANS
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FA31	WEST AND EAST - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA40	NORTH - BASEMENT - FIRE DETECTION & ALARM PLANS
FA41A	NORTH BUILDING WEST - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA41B	NORTH BUILDING EAST - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA42A	NORTH BUILDING WEST - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA42B	NORTH BUILDING EAST - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA51	R&S - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA52	R&S - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA61	T&V - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA62	T&V - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA70	SNU & POWERHOUSE BUILDING - BASEMENT - FIRE DETECTION & ALARM PLANS
FA71A	SNU WEST - FIRST FLOOR WEST - FIRE DETECTION & ALARM PLANS
FA71B	SNU EAST - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA72A	SNU WEST - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA72B	SNU EAST - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA73A	SNU WEST - THIRD FLOOR - FIRE DETECTION & ALARM PLANS
FA73B	SNU EAST - THIRD FLOOR & PENTHOUSE - FIRE DETECTION & ALARM PLANS
FA81	POWERHOUSE - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA82	POWERHOUSE - SECOND FLOOR - FIRE DETECTION & ALARM PLANS
FA91	ALTERNATE #1 - WAREHOUSE - FIRST FLOOR - FIRE DETECTION & ALARM PLANS
FA92	ALTERNATE #2 - POWERHOUSE - FIRST FLOOR - PRE-ACTION
FA99	FIRE ALARM FIBER ONE-LINE

OCCUPANT LOAD CALCULATIONS				
Name	Area	Occupancy Group	O.L.F.	Area Occupants
BASEMENT LEVEL				
A CONTROL	149.63 SF	BUSINESS	100	1.50
A LINEN	945.04 SF	SHOP	50	18.90
A LOCKER	301.13 SF	LOCKER ROOM	50	6.02
A LOCKERS	2248.07 SF	LOCKER ROOM	50	44.92
A MECHANICAL	3908.36 SF	MECHANICAL	300	13.03
A STORAGE	732.38 SF	STORAGE	300	2.44
A STORAGE	2534.47 SF	STORAGE	300	8.45
M CONTROL	125.42 SF	BUSINESS	100	1.25
M COOLERS	1312.13 SF	STORAGE	300	4.37
M DORM	1708.65 SF	SLEEPING AREA	120	14.24
M LOCKERS	488.84 SF	LOCKER ROOM	50	9.78
M LOCKERS	870.24 SF	LOCKER ROOM	50	17.40
M MECHANICAL	787.84 SF	MECHANICAL	300	2.63
M STORAGE	1285.10 SF	STORAGE	300	4.32
M STORAGE	399.44 SF	STORAGE	300	1.33
N CLOTHING STOR.	1342.80 SF	STORAGE	300	4.48
N DEAD RECORDS	8895.99 SF	STORAGE	500	13.77
N HOLDING	264.70 SF	ASSEMBLY	15	17.65
N INTAKE	1671.90 SF	BUSINESS	100	15.72
N LAUNDRY	1414.51 SF	KITCHEN/LAUNDRY	200	7.07
N SALLYPORT	791.59 SF	GARAGE	200	3.96
N STORAGE	1424.40 SF	BUSINESS	300	4.75
PH MECHANICAL	817.25 SF	MECHANICAL	300	2.72
PH STORAGE	97.18 SF	STORAGE	300	0.22
SNU MAINT.	1157.43 SF	MECHANICAL	300	3.86
BASEMENT LEVEL: 25				224.88

OCCUPANT LOAD CALCULATIONS				
Name	Area	Occupancy Group	O.L.F.	Area Occupants
LEVEL 1				
A CONTROL	158.52 SF	BUSINESS	100	1.59
A DOCK	1520.00 SF	GARAGE	300	5.07
A OFFICE	2453.97 SF	BUSINESS	100	24.54
A OFFICE	2197.10 SF	BUSINESS	100	21.97
A OFFICE	1221.00 SF	BUSINESS	100	12.21
EW INPATIENT	4317.36 SF	INPATIENT TREATMENT	240	17.99
EW INPATIENT	4268.03 SF	INPATIENT TREATMENT	240	17.78
EW MECH.	209.78 SF	MECHANICAL	300	0.70
EW MECH.	209.33 SF	MECHANICAL	300	0.69
EW NURSE STN	250.39 SF	BUSINESS	100	2.50
EW NURSE STN	268.47 SF	BUSINESS	100	2.68
EW OFFICE	1421.30 SF	BUSINESS	100	14.21
EW OFFICE	1459.61 SF	BUSINESS	100	14.60
EW THERAPY	593.71 SF	BUSINESS	100	5.94
EW THERAPY	576.04 SF	BUSINESS	100	5.76
M CHAPEL	439.86 SF	ASSEMBLY	15	29.33
M DINING	3602.30 SF	DINING	15	240.15
M DINING	684.91 SF	DINING	15	45.66
M GYM	5469.43 SF	EXERCISE	50	109.39
M KITCHEN	4016.29 SF	KITCHEN/LAUNDRY	200	20.08
M OFFICE	1864.55 SF	BUSINESS	100	18.65
M PHARMACY	1345.93 SF	BUSINESS	100	13.46
M SECURITY	1509.71 SF	BUSINESS	100	15.10
M STORAGE	2484.00 SF	STORAGE	300	8.28
M STORAGE	446.61 SF	STORAGE	300	1.49
M STORAGE	1365.38 SF	STORAGE	300	4.55
M SURGERY	1489.03 SF	BUSINESS	100	14.89
M TREATMENT	3958.30 SF	BUSINESS	100	39.58
M TREATMENT	1226.63 SF	BUSINESS	100	12.27
M VISITING	1859.21 SF	ASSEMBLY	15	123.95
N BLOCK, LOWER	2111.71 SF	SLEEPING AREA	120	17.60
N BLOCK, LOWER	3423.36 SF	SLEEPING AREA	120	28.53
N BLOCK, LOWER	3423.01 SF	SLEEPING AREA	120	28.53
N BLOCK, LOWER	3432.10 SF	SLEEPING AREA	120	28.60
N BLOCK, LOWER	3410.00 SF	SLEEPING AREA	120	28.49
N BLOCK, LOWER	3425.55 SF	SLEEPING AREA	120	28.55
N BLOCK, LOWER	3431.71 SF	SLEEPING AREA	120	28.60
N CLASSROOMS	1520.59 SF	CLASSROOM	20	76.04
N CONTROL	184.22 SF	BUSINESS	100	1.84
N CONTROL	177.37 SF	BUSINESS	100	1.77
N CONTROL	174.96 SF	BUSINESS	100	1.75
N CONTROL	235.32 SF	BUSINESS	100	2.35
N CONTROL	89.31 SF	BUSINESS	100	0.89
N DINING	1373.69 SF	DINING	15	91.58
N DINING	1433.75 SF	DINING	15	95.58
N FOOD PREP	1210.79 SF	KITCHEN/LAUNDRY	200	6.05
N LIBRARY	732.09 SF	LIBRARY	100	7.32
N MAINT.	217.25 SF	MECHANICAL	300	0.72
N OFFICE	2466.75 SF	BUSINESS	100	24.67
N OFFICE	244.95 SF	BUSINESS	100	2.45
N OFFICE	251.30 SF	BUSINESS	100	2.51
N OFFICES	1046.79 SF	BUSINESS	100	10.47
N PATIENT RM	727.40 SF	SLEEPING AREA	120	6.31
N STORAGE	977.03 SF	STORAGE	200	4.89
N TESTING	1706.40 SF	BUSINESS	100	17.06
N WORK RMS	721.69 SF	BUSINESS	100	7.22
N WORK RMS	721.69 SF	BUSINESS	100	7.22
N WORK RMS	518.62 SF	BUSINESS	100	5.19
N WORK RMS	701.55 SF	BUSINESS	100	7.02
N WORK RMS	641.21 SF	BUSINESS	100	6.41
N WORK RMS	644.66 SF	BUSINESS	100	6.45
PH LOCKER ROOM	2271.87 SF	MECHANICAL	300	7.57
PH DOCK	1064.33 SF	STORAGE	300	3.55
PH ELECTRICAL	682.92 SF	MECHANICAL	300	2.28
PH GROUP S-2	1707.99 SF	STORAGE	300	5.69
PH GROUP S-2	1565.02 SF	STORAGE	300	5.22
PH GROUP S-2	4343.26 SF	STORAGE	600	6.99
PH LOCKERS	362.37 SF	LOCKER ROOM	50	7.25
PH OFFICE	283.89 SF	BUSINESS	100	2.84
PH OFFICE	402.96 SF	BUSINESS	100	4.03
PH PUMP ROOM	1437.89 SF	MECHANICAL	300	4.79
PH SHOP AREAS	4084.14 SF	SHOP	100	40.84
PH STORAGE	4357.49 SF	STORAGE	300	14.52
PH STORAGE	3800.74 SF	STORAGE	300	12.67
PUMP HOUSE	526.67 SF	MECHANICAL	300	1.76
R&S BLOCK, LOWER	3789.35 SF	SLEEPING AREA	120	31.58
R&S BLOCK, LOWER	3794.78 SF	SLEEPING AREA	120	31.37
R&S MECH.	192.49 SF	MECHANICAL	300	0.64
R&S MECH.	255.33 SF	MECHANICAL	300	0.85
R&S MULTI-PURPOSE	322.95 SF	ASSEMBLY	15	21.53
R&S MULTI-PURPOSE	321.34 SF	ASSEMBLY	15	21.42
R&S OFFICE	124.91 SF	BUSINESS	100	1.25
R&S OFFICE	118.52 SF	BUSINESS	100	1.19
SNU BLOCK L1	5194.73 SF	SLEEPING AREA	120	43.29
SNU BLOCK L1	5228.23 SF	SLEEPING AREA	120	43.57
SNU CLASSROOM	509.69 SF	CLASSROOM	20	25.48
SNU CLINIC	11702.17 SF	BUSINESS	100	117.02
SNU CONF. RM	312.93 SF	ASSEMBLY	15	20.86
SNU CONTROL	1663.48 SF	BUSINESS	100	16.63
SNU ELEC.	679.63 SF	MECHANICAL	300	2.27
SNU EXERCISE	384.25 SF	EXERCISE	50	7.69
SNU EXERCISE	400.09 SF	EXERCISE	50	8.00
SNU EXERCISE	208.28 SF	EXERCISE	50	4.17
SNU HOLDING	2012.09 SF	BUSINESS	100	20.12
SNU LOCKERS	539.39 SF	LOCKER ROOM	50	10.79
SNU MAINT.	255.09 SF	MECHANICAL	300	0.85
SNU MAINT.	251.70 SF	MECHANICAL	300	0.84
SNU OFFICE	4262.52 SF	BUSINESS	100	42.63
SNU SALLYPORT	2223.08 SF	GARAGE	200	11.12
SNU STORAGE	152.04 SF	STORAGE	300	0.51
SNU STORAGE	157.88 SF	STORAGE	300	0.53
SNU STORAGE	394.08 SF	STORAGE	300	1.31
SNU STORAGE	656.95 SF	STORAGE	300	2.19
T&V BLOCK, LOWER	4239.74 SF	SLEEPING AREA	120	35.33
T&V BLOCK, LOWER	4239.78 SF	SLEEPING AREA	120	35.33
T&V CLASSROOM	459.24 SF	CLASSROOM	15	30.62
T&V CLASSROOM	480.25 SF	CLASSROOM	15	32.02
T&V MECHANICAL	1219.37 SF	MECHANICAL	300	4.06
T&V OFFICES	485.35 SF	BUSINESS	100	4.85
LEVEL 1: 109				2,182.09

OCCUPANT LOAD CALCULATIONS				
Name	Area	Occupancy Group	O.L.F.	Area Occupants
LEVEL 2				
A CONTROL	560.83 SF	BUSINESS	100	5.61
M CLASSROOMS	1699.32 SF	CLASSROOM	20	84.97
M EXAM SUITE	1949.12 SF	BUSINESS	100	19.49
M LIBRARY	1123.01 SF	LIBRARY	100	11.23
M OFFICE	528.65 SF	BUSINESS	100	5.29
M OFFICE SUITE	1598.39 SF	BUSINESS	100	15.98
M PATIENT RMS	7104.58 SF	SLEEPING AREA	120	59.20
N BLOCK, UPPER	1535.77 SF	SLEEPING AREA	120	12.80
N BLOCK, UPPER	1540.26 SF	SLEEPING AREA	120	12.84
N BLOCK, UPPER	1524.65 SF	SLEEPING AREA	120	12.71
N BLOCK, UPPER	1499.86 SF	SLEEPING AREA	120	12.50
N BLOCK, UPPER	1544.30 SF	SLEEPING AREA	120	12.87
N BLOCK, UPPER	1538.40 SF	SLEEPING AREA	120	12.82
N BLOCK, UPPER	1102.80 SF	SLEEPING AREA	120	9.19
N CONF. RM	218.22 SF	ASSEMBLY	15	14.55
N FAN RM	867.78 SF	MECHANICAL	300	2.89
N FAN RM	1007.97 SF	MECHANICAL	300	3.36
N FAN RM	827.31 SF	MECHANICAL	300	2.78
N FAN RM	1000.62 SF	MECHANICAL	300	3.34
PH CONF. RM	304.23 SF	ASSEMBLY	15	20.28
PH MECHANICAL	458.92 SF	MECHANICAL	300	1.53
PH PHARMACY	1488.49 SF	PHARMACY	50	28.77
PH STORAGE	510.46 SF	STORAGE	300	1.70
PH STORAGE	1011.93 SF	STORAGE	300	3.37
PH STORAGE	210.41 SF	STORAGE	300	0.70
R&S BLOCK, UPPER	2486.73 SF	SLEEPING AREA	120	20.81
R&S BLOCK, UPPER	2435.18 SF	SLEEPING AREA	120	20.29
R&S MECH.	340.25 SF	MECHANICAL	300	1.13
R&S MECH.	255.33 SF	MECHANICAL	300	0.85
R&S MULTI-PURPOSE	208.44 SF	ASSEMBLY	15	13.90
R&S MULTI-PURPOSE	209.67 SF	ASSEMBLY	15	13.98
R&S OFFICE	198.87 SF	BUSINESS	100	1.99
R&S OFFICE	255.53 SF	BUSINESS	100	2.56
SNU BLOCK, LOWER	4605.89 SF	SLEEPING AREA	120	38.38
SNU BLOCK, LOWER	4622.97 SF	SLEEPING AREA	120	38.52
SNU CONF. RM	449.38 SF	ASSEMBLY	15	29.97
SNU CONF. RM	311.04 SF	ASSEMBLY	15	20.74
SNU CONF. RM	182.64 SF	ASSEMBLY	15	12.18
SNU CONTROL	1707.59 SF	BUSINESS	100	17.08
SNU ELEC.	667.25 SF	MECHANICAL	300	2.22
SNU EXERCISE	1335.89 SF	EXERCISE	50	26.72
SNU INPATIENT	3075.47 SF	INPATIENT TREATMENT	240	12.81
SNU INPATIENT	6318.76 SF	INPATIENT TREATMENT	240	26.33
SNU INPATIENT	3104.58 SF	INPATIENT TREATMENT	240	12.94
SNU MAINT.	316.73 SF	MECHANICAL	300	1.06
SNU MAINT.	280.26 SF	MECHANICAL	300	0.93
SNU MULTI-PURPOSE	218.35 SF	ASSEMBLY	15	14.56
SNU NURSE	1021.98 SF	BUSINESS	100	10.22
SNU OFFICE	928.43 SF	BUSINESS	100	9.28
SNU OFFICE	350.60 SF	BUSINESS	100	3.51
SNU OFFICE	180.83 SF	BUSINESS	100	1.81
SNU OFFICE	178.83 SF	BUSINESS	100	1.77
SNU OFFICE	332.90 SF	BUSINESS	100	3.33
SNU OFFICE	210.79 SF	BUSINESS	100	2.11
SNU STORAGE	147.10 SF	STORAGE	300	0.49
SNU STORAGE	152.04 SF	STORAGE	300	0.51
SNU STORAGE	468.85 SF	STORAGE	300	1.56
SNU STORAGE	773.01 SF	STORAGE	300	2.58
SNU STORAGE	102.20 SF	STORAGE	300	0.34
SNU STORAGE	147.95 SF	STORAGE	300	0.49
T&V BLOCK, UPPER	2810.13 SF	SLEEPING AREA	120	21.75
T&V BLOCK, UPPER	2591.09 SF	SLEEPING AREA	120	21.59
T&V STORAGE	698.78 SF	STORAGE	300	2.33
LEVEL 2: 63				785.33

OCCUPANT LOAD CALCULATIONS				
Name	Area	Occupancy Group	O.L.F.	Area Occupants
LEVEL 3 OCCUPANCY PLAN				
SNU BLOCK, UPPER	1007.03 SF	SLEEPING AREA	120	8.39
SNU BLOCK, UPPER	997.04 SF	SLEEPING AREA	120	8.31
SNU CONF. RM	170.83 SF	ASSEMBLY	15	11.39
SNU CONF. RM	170.67 SF	ASSEMBLY	15	11.38
SNU CONF. RM	180.91 SF	ASSEMBLY	15	12.06
SNU INPATIENT	8738.06 SF	INPATIENT TREATMENT	240	36.41
SNU MECH.	678.01 SF	MECHANICAL	300	2.26
SNU MECH.	1739.84 SF	MECHANICAL	300	5.80
SNU MECH.	1547.63 SF	MECHANICAL	300	5.16
SNU MULTI-PURPOSE	316.73 SF	ASSEMBLY	15	21.12
SNU MULTI-PURPOSE	323.95 SF	ASSEMBLY	15	21.60
SNU MULTI-PURPOSE	1450.03 SF	ASSEMBLY	15	96.67
SNU MULTI-PURPOSE	311.04 SF	ASSEMBLY	20	15.55
SNU OFFICE	255.62 SF	BUSINESS	100	2.56
SNU OFFICE	400.89 SF	BUSINESS	100	4.01
SNU OFFICE	391.14 SF	BUSINESS	100	3.91
SNU OFFICE	262.98 SF	BUSINESS	100	2.63
SNU OFFICE	970.01 SF	BUSINESS	100	9.70
SNU STORAGE	147.10 SF	STORAGE	300	0.49
SNU STORAGE	152.04 SF	STORAGE	300	0.51
SNU STORAGE	548.87 SF	STORAGE	300	1.83
SNU STORAGE	1036.73 SF	STORAGE	300	3.46
LEVEL 3 OCCUPANCY PLAN: 22				285.18
Total Occupants				3,477.47

## APPLICABLE CODE INFORMATION

The project shall comply with the following codes:

2015 International Building Code, including State of Iowa amendments.  
 2015 International Mechanical Code  
 2015 International Fire Code  
 2023 National Electrical Code  
 2015 Uniform Plumbing Code and the Iowa State Plumbing Code  
 Iowa State Energy Code, 2015 International Energy Conservation Code  
 Accessibility - Division 7 of Iowa State Building Code, Iowa State Accessibility Code, 2015 IBC and ANSI A117.1 - 2009 Edition

### Building Characteristics

Project description: Project involves the update to the existing fire alarm system in multiple buildings on the facility campus. No other modifications to the buildings configuration to be done.  
 Building Area: Varies (see below)  
 Building Height: Varies (see below)  
 Number of Stories: Varies (see below)  
 Fully Sprinkled: Yes - Equipped with fully automated sprinkler system  
 Fire Alarm: Yes - Project specific to update fire alarm system throughout the building

### IC Chapter 3 - Use and Occupancy Classification

Occupancy Group: I-3, S-2 (Nonseparated occupancy use)

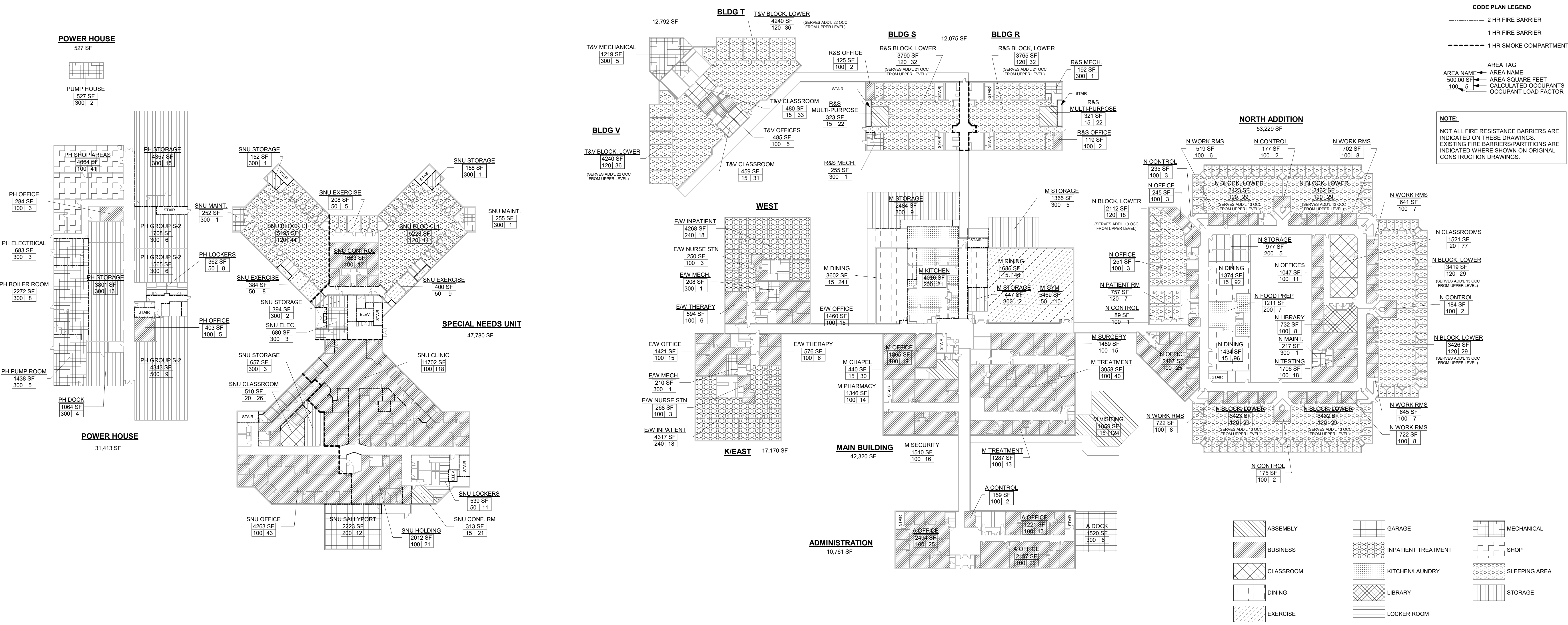
**CODE PLAN LEGEND**

- 2 HR FIRE BARRIER
- 1 HR FIRE BARRIER
- 1 HR SMOKE COMPARTMENT

**AREA TAG**

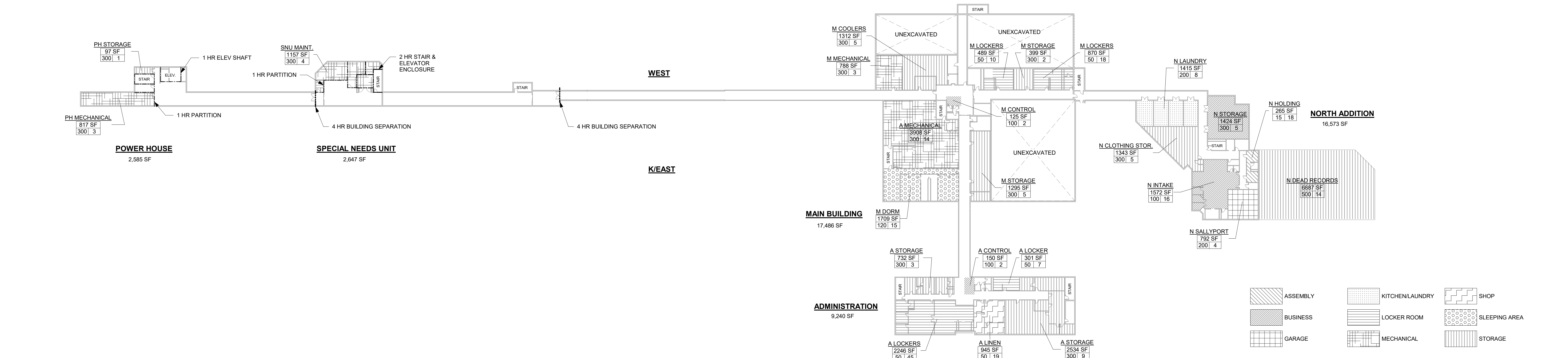
AREA NAME  
AREA SQUARE FEET  
OCCUPANT LOAD FACTOR

**NOTE:**  
NOT ALL FIRE RESISTANCE BARRIERS ARE INDICATED ON THESE DRAWINGS. EXISTING FIRE BARRIERS/PARTITIONS ARE INDICATED WHERE SHOWN ON ORIGINAL CONSTRUCTION DRAWINGS.



2 LEVEL 1 OCCUPANCY PLAN  
1" = 40'-0"

1 BASEMENT OCCUPANCY PLAN  
1" = 40'-0"



## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52241

Project No: 9445.00  
Date: 10/14/2025  
100% CD

Drawing Name:  
LIFE SAFETY AND CODE SUMMARY

Revision Date

Drawing #: G002

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### TECHNOLOGY RESPONSIBILITY MATRIX

PROVISION RESPONSIBILITIES DEFINED	OFOI	OFCI	OFCI	OFCI
	COMMUNICATIONS - TELECOM SYSTEMS:			
ROUGH-IN, PATHWAYS AND SLEEVES				●
COPPER HORIZONTAL CABLING				●
FIBER OPTIC CABLING				
SAFETY - FIRE DETECTION AND ALARM:				
ROUGH-IN, PATHWAYS AND SLEEVES				●
INITIATING FIELD DEVICES (SMOKE, MANUAL PULL, MONITOR MODULES)				●
NOTIFICATION APPLIANCES (HORNS, STROBES, SPEAKERS)				●
MISCELLANEOUS DEVICES (RELAYS, TEST STATION, ANNUNCIATOR)				●

- OFOI OWNER FURNISHED & OWNER INSTALLED
- OFCI OWNER FURNISHED & CONTRACTOR INSTALLED
- OFCI CONTRACTOR FURNISHED & CONTRACTOR INSTALLED
- OFCI CONTRACTOR FURNISHED & OWNER INSTALLED

**GENERAL NOTE:**  
A. MATRIX IS NOT INTENDED TO BE EXHAUSTIVE TO COVER ALL MATERIALS NECESSARY FOR SCOPE AND SHOULD ONLY BE USED TO QUICKLY IDENTIFY SYSTEMS AND RELATED INFRASTRUCTURE INSIDE AND OUTSIDE THE BID OF THIS PROJECT. ANY ITEMS FURNISHED OR INSTALLED BY THE BIDDING CONTRACTOR SHALL COVER ALL REQUIRED APPURTENANCES NECESSARY FOR A COMPLETE SYSTEM. THIS SHALL INCLUDE BUT NOT BE LIMITED TO, EQUIPMENT, ACCESSORIES, TERMINATIONS, TERMINATION COMPONENTS, ALL FINAL CORDAGE CONNECTIVITY, SOFTWARE, PROGRAMMING, AND THE LABOR TO INSTALL.

### ACCESS CONTROL SYMBOLS

- BR BIOMETRIC READER, +44" OR AS NOTED
- CR PROXIMITY CARD READER, +44" OR AS NOTED
- CP COMBINATION PROXIMITY CARD READER WITH PINPAD, +44" OR AS NOTED
- D1 DOOR POSITION SWITCH - FLUSH MOUNTED, DOUBLE POLE DOUBLE THROW (DPDT)
- D2 DOOR POSITION SWITCH - SURFACE MOUNTED, DOUBLE POLE DOUBLE THROW (DPDT)
- RX1 REQUEST TO EXIT - PUSHBUTTON
- RX2 REQUEST TO EXIT - MOTION DETECTOR, MOUNTED ABOVE DOOR FRAME
- E1 ELECTRIC STRIKE - FLUSH MOUNTED
- E2 ELECTRIC STRIKE - SURFACE MOUNTED
- L1 ELECTRIFIED MORTISE LOCK
- EL ELECTRIFIED EXIT DEVICE (PANIC HARDWARE)
- ML MAGNETIC LOCK
- ML DE MAGNETIC LOCK WITH DELAYED EGRESS
- AD AUTOMATIC DOOR OPERATOR - WALL MOUNTED +48", OR AS NOTED
- KS KEYSWITCH
- AL AUXILIARY ALARM DEVICE
- PB EMERGENCY PUSHBUTTON
- ACP ACCESS CONTROL PANEL - T.C. TO PROVIDE SINGLE DATA PORT FOR CONNECTIVITY
- V1 VIDEO INTERCOM STATION
- KB KNOX BOX
- KXS KNOX KEYSWITCH
- LA LOCAL ALARM ANNUNCIATOR

\*DEVICES TO BE RECESSED IN WALL AT ALL LOCATIONS WHERE POSSIBLE\*

### CEILING TYPE LEGEND

- 2' X 2' SUSPENDED ACOUSTICAL CEILING TILE
  - 2' X 4' SUSPENDED ACOUSTICAL CEILING TILE
  - SUSPENDED GYPSUM BOARD CEILING
- CEILINGS NOT NOTED OR SHOWN ARE OPEN TO STRUCTURE AND/OR CONCRETE

### POWER SYMBOLS

- ⚡ DUPLEX RECEPTACLE, TAMPER-RESISTANT, WALL MOUNT +18", OR AS NOTED
- ⚡ EQUIPMENT CONNECTION, WALL MOUNT +18", OR AS NOTED. REFER TO ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR CONNECTION TYPE
- ⏏ SAFETY DISCONNECT SWITCH
- PANELBOARD - SURFACE MOUNTED

### ELECTRICAL ABBREVIATIONS

A	DEVICE MOUNTED +8" ABOVE COUNTER TOP (VERIFY LOCATION)	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	NM	NONMETALLIC
ATS	AUTOMATIC TRANSFER SWITCH	NTS	NOT TO SCALE
C	CIRCUIT BREAKER	OC	ON CENTER
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CT	CURRENT TRANSFORMER	OFOI	OWNER FURNISHED, OWNER INSTALLED
E	EXISTING ITEM TO REMAIN	R	OWNER INSTALLED
EC	ELECTRICAL CONTRACTOR	RR	EXISTING ITEM TO BE REMOVED AND RELOCATED
EM	EMERGENCY LIGHT FIXTURE	RN	EXISTING ITEM TO BE REMOVED AND REPLACED WITH NEW
ER	NEW LOCATION OF EXISTING ITEM	SCCR	SHORT CIRCUIT CURRENT RATING
F	ROUGH IN FOR FUTURE DEVICE	T	TAMPER PROOF DEVICE
FAAP	FIRE ALARM ANNUNCIATOR PANEL	TCC	TEMPERATURE CONTROL CONTRACTOR
FACP	FIRE ALARM CONTROL PANEL	TV	TELEVISION
FSD	FIRE SMOKE DAMPER	TYP	TYPICAL
G	GROUND FAULT CIRCUIT INTERRUPTER	UPS	UNINTERRUPTIBLE POWER SUPPLY
GND	GROUND	V	VOLTS
KVA	KILO-VOLT-AMPERES	VA	VOLT-AMPERES
KW	KILOWATTS	WG	WIREGUARD COVER
MC	MECHANICAL CONTRACTOR	WP	WEATHERPROOF DEVICE
MCB	MAIN CIRCUIT BREAKER	WR	WEATHER RESISTANT DEVICE
MDP	MAIN DISTRIBUTION PANEL	+24"	INDICATES MOUNTING HEIGHT CENTER LINE OF DEVICE TO FINISHED FLOOR
MLO	MAIN LUGS ONLY		
N	NEW DEVICE IN EXISTING LOCATION		

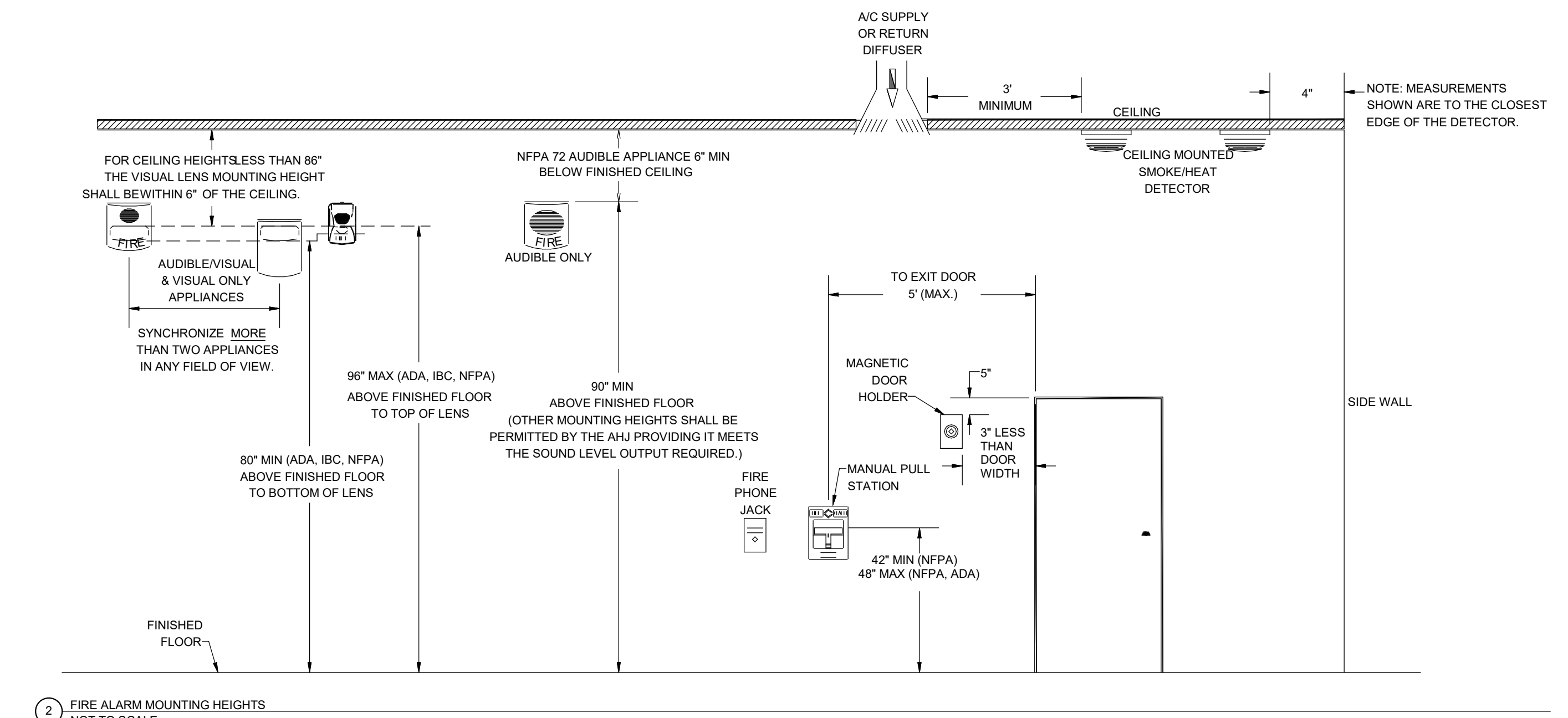
### GENERAL SYMBOLS

- Ⓧ JUNCTION BOX, CEILING OR FLOOR MOUNTED.
- Ⓧ JUNCTION BOX, WALL MOUNTED, ELEVATION AS NOTED.
- # KEYNOTE
- XXX X EQUIPMENT IDENTIFICATION TAG. REFER TO EQUIPMENT CONNECTION SCHEDULE
- 1 A101 SIM DETAIL DRAWING REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE SHEET REFERENCE
- 1 A101 SIM SECTION CUT REFERENCE TAG, SIM-SIMILAR, TYP-TYPICAL, OPP-OPPOSITE SHEET REFERENCE
- 1 A101 INTERIOR ELEVATION DRAWING REFERENCE TAG

### FIRE DETECTION AND ALARM SYMBOLS

- F MANUAL FIRE ALARM PULL STATION
- FAA FIRE ALARM ANNUNCIATOR PANEL
- FACP FIRE ALARM CONTROL PANEL + EMERGENCY COMMUNICATIONS PANEL
- CD CARBON MONOXIDE DETECTOR
- CB COMBINATION CARBON MONOXIDE / SMOKE DETECTOR
- D HEAT DETECTOR
- S/S SMOKE DETECTOR
- SB SMOKE DETECTOR WITH 520Hz SOUNDER BASE
- S DUCT SMOKE DETECTOR - PROVIDE OUTPUT MODULE AND FOR SHUTDOWN OF UNIT
- H HORN
- HS COMBINATION HORN WITH STROBE
- SS COMBINATION SPEAKER WITH STROBE
- STROBE STROBE
- S SPEAKER
- FF FIRE FIGHTER TELEPHONE STATION
- MAGNETIC DOOR HOLD - PROVIDE WITH OUTPUT MODULE FOR FIRE ALARM INTEGRATION
- SD EXISTING SMOKE DAMPER
- FSD EXISTING COMBINATION FIRE/SMOKE DAMPER
- AIM ADDRESSABLE INPUT MODULE; FS - SPRINKLER WATER FLOW SWITCH, TS - TAMPER SWITCH, FIV - POST INDICATOR VALVE
- ADM ADDRESSABLE OUTPUT MODULE; SD - FAN SHUT DOWN RELAY, AM - AUDIO MUTE

\*\*NOTE: ALL SYMBOLS MAY NOT APPLY TO THIS PROJECT\*\*



## GENERAL NOTES

### DEMOLITION AND RENOVATION NOTES - ELECTRICAL

- ELECTRICAL DEMOLITION DRAWINGS SHOWING EXISTING CONDITIONS HAVE BEEN PREPARED BASED ON FIELD OBSERVATION AND ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CONDITIONS BEFORE WORK BEGINS. ADDITIONAL COMPONENTS MAY EXIST WHICH ARE NOT SHOWN. BECOME FAMILIAR WITH EXISTING ELECTRICAL SYSTEM WHICH WILL BE AFFECTED BY THE DEMOLITION WORK.
- PROVIDE EQUIPMENT, LABOR, AND MATERIALS TO REMOVE ELECTRICAL FACILITIES AND CLEAR THE AREA TO RECEIVE THE NEW WORK PROVIDED UNDER THIS CONTRACT.
- IN OCCUPIED AREAS BEYOND THE DEMOLITION SCOPE, KEEP EXISTING SYSTEMS NOT AFFECTED BY PROJECT SCOPE OPERATIONAL THROUGH THE DURATION OF THE PROJECT. OBTAIN PERMISSION FROM THE CONSTRUCTION MANAGER TO SHUT OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND THE LIMITS OF THE DEMOLITION AREA. INFORM OWNER'S REPRESENTATIVE OF THE REASON FOR AND DURATION OF THE SHUTDOWN AND ENSURE THAT THE SHUTDOWN IS MADE WITH AS LITTLE INCONVENIENCE TO OTHER AREAS AS POSSIBLE.
- KEEP EXISTING SYSTEMS OPERATIONAL DURING ALL PHASES OF CONSTRUCTION. DO NOT CUT EXISTING TELECOMMUNICATION WIRING, CABLES OR CONDUIT. CONTRACTORS WHO CUT IN-SERVICE CABLES ARE RESPONSIBLE FOR ALL DOWNTIME AND COSTS TO REPAIR.
- INSTALL BLANK COVER PLATES OVER OPENING AT REMOVED DEVICE LOCATIONS.
- PROVIDE CUTTING AND PATCHING OF EXISTING MATERIALS AS REQUIRED FOR THE PROPER COMPLETION OF THE DEMOLITION WORK AND THE INSTALLATION OF THE NEW WORK.
- MAINTAIN FULL FUNCTIONAL AND AESTHETIC INTEGRITY OF DEVICES IDENTIFIED TO BE REMOVED AND RELOCATED, AND HANDLE WITH APPROPRIATE CARE TO ALLOW FOR REINSTALLATION. REPLACE DEVICES DAMAGED DURING DEMOLITION WITH NEW AT CONTRACTOR'S EXPENSE.
- EQUIPMENT AND SYSTEM THAT ARE REMOVED REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE NOTED. DISPOSE OF ALL MATERIALS NOT SALVAGED BY THE OWNER.
- REMOVE AND REINSTALL CEILING TILES REQUIRED FOR THE WORK BEING DONE UNDER THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO REPLACE CEILING TILES DAMAGED DURING CONSTRUCTION TO MATCH EXISTING.

### INSTALLATION NOTES - ELECTRICAL

- BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BID.
- PROVIDE A DEDICATED GREEN INSULATED GROUND CONDUCTOR TO ALL DEVICES. DO NOT USE CONDUIT SYSTEM AS THE ONLY EQUIPMENT GROUNDING METHOD.
- CONTRACTOR IS RESPONSIBLE FOR OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS THAT ARE REQUIRED TO COMPLETE THEIR SCOPE OF WORK. SEAL PENETRATIONS IN ACCORDANCE WITH THE RATING OF THE AFFECTED ASSEMBLY. REFER TO ARCHITECTURAL CODE PLAN FOR RATED WALLS, FLOORS, AND CEILINGS. ASSUME ALL FLOORS AND WALLS ARE 2-HOUR RATED UNLESS OTHERWISE NOTED ON PLANS.
- CONDUIT FOR FIRE ALARM DOES NOT NEED TO BE PAINTED.
- PROVIDE RED LABEL ON FIRE ALARM BOXES.

## BIDDING INFORMATION

### ALTERNATES

THE CONTRACTOR SHALL PROVIDE PRICING FOR ADDED ALTERNATES

- FIRE ALARM SYSTEM PROVIDED AND INSTALLED IN THE WAREHOUSE BUILDING.
- REPLACEMENT OF THE EXISTING PRE-ACTION FIRE PROTECTION SYSTEM IN THE POWERHOUSE.
- INSTALL ALL NEW CABLING TO ALL DEVICES. REMOVE EXISTING CABLING AND REUSE PATHWAYS.

### UNIT PRICING

THE CONTRACTOR SHALL PROVIDE PRICING FOR ADDITIONAL OR REDUCED DEVICES FOR THE FIRE ALARM SYSTEM. PRICING PROVIDED ASSUMES 100' OF NEW CABLING INSTALLED IN 1/2" CONDUIT TO NEW LOCATION. PROVIDE PRICING FOR THE FOLLOWING DEVICES:

- SMOKE DETECTOR
- DUCT DETECTOR
- STROBE - WALL MOUNTED
- STROBE - CEILING MOUNTED
- SPEAKER STROBE - WALL MOUNTED
- SPEAKER STROBE - CEILING MOUNTED
- PULL STATION
- MONITOR MODULE

## SCOPE OF WORK

### SYSTEM SUMMARY

- AN EXISTING SIEMENS APOGEE FIRE DETECTION AND ALARM SYSTEM IS CURRENTLY INSTALLED INSIDE THE FACILITY. THE GOAL FOR THIS PROJECT IS A COMPLETE SYSTEM REPLACEMENT. THAT SHALL INCLUDE BUT NOT BE LIMITED TO: CONTROL PANELS, REMOTE ANNUNCIATOR PANELS, POWER SUPPLIES, BATTERIES, AND FIELD DEVICES.
- INSTALL NEW DEVICES IN LOCATION OF EXISTING. REUSE EXISTING CABLING AND EXTEND AS NECESSARY FOR NEW DEVICES. NEW DEVICES WILL REQUIRE NEW WIRING AND CONDUIT FOR EXTENSION OF THE SYSTEM. EXISTING DETECTION CIRCUITS HAVE 162 CONDUCTORS. EXISTING SPEAKER WIRE IS 12/2 CONDUCTORS AND STROBE CONDUCTORS ARE 12/2. EXISTING SPEAKER/STROBE CONDUCTORS ARE 12/4. NEW CABLING SHALL MATCH EXISTING SIZES. EXISTING AND NEW CABLING SHOULD NOT BE SHIELDED.
- ONLY NEW CABLING WILL BE UNDER WARRANTY. EXISTING CABLING WILL NOT HOLD A WARRANTY.
- FIRE ALARM DEVICE CIRCUITS ARE CONNECTED AS CLASS B. THE NEW SYSTEM WILL BE CLASS B.
- THE ORIGINAL INSTALLATION WAS A COMPLETE FIRE ALARM AND DETENTION CONTROLS SOLUTION FROM SIEMENS. THE SIEMENS CABINETS AND FIELD WIRING ARE BEING UTILIZED TO SERVE THIS SYSTEM.
- THE WINNING BIDDER WILL BE PROVIDED EXISTING FIRE ALARM DOCUMENTATION. EXISTING AS-BUILTS WILL BE PROVIDED FOR PANELS 1-7. THESE AS-BUILTS INCLUDE FIRE ALARM CIRCUITS, WIRE TYPE, AND DEVICE LOCATIONS. FOR PANELS 8-10 HAVE EXISTING CONSTRUCTION DOCUMENTS. THESE PROVIDE DEVICE LOCATIONS.
- THE EXISTING FIRE DETECTION AND ALARM CONTROL PANELS AND NODES ARE LOCATED IN THE FOLLOWING AREAS:  
 PANEL 1 - MAIN PANEL  
 PANEL 2 - ANNUNCIATOR IN MASTER CONTROL ON WALL  
 PANEL 3 - ANNUNCIATOR IN MASTER CONTROL ON CONSOLE NEXT TO CC OPERATOR  
 PANEL 4 - ANNUNCIATOR IN LOBBY BY MAIN DOORS  
 PANEL 5 - ADMIN PANEL  
 PANEL 6 - NORTH ADDITION  
 PANEL 7 - RSTV  
 PANEL 8 - SNU BUILDING  
 PANEL 9 - POWERHOUSE  
 PANEL 10 - PRE-ACTION PANEL IN POWERHOUSE
- ALL CONTROL PANELS AND NODES ARE CONNECTED TOGETHER THROUGH THE USE OF CORNING 12 STRAND MULTIMODE B2.5 FIBER OPTIC CABLING. THIS PROJECT SHALL REUSE THIS INFRASTRUCTURE. INSTALL FINAL CONNECTION TO THE NEW FIRE ALARM CONTROL PANELS AND NODES.
- NEW FIRE ALARM CONTROL PANELS WILL NEED GLOBAL CONNECTIVITY AND DISPLAYS. DISPLAYS WILL BE IDENTICAL SO STAFF CAN EASILY TROUBLESHOOT AND SEE ENTIRE CAMPUS SYSTEM FROM ANY PANEL.
- FIRE ALARM ITEMS AND DEVICES ARE SHOWN IN SUGGESTED LOCATIONS. FINAL LAYOUTS, LOCATIONS, AND QUANTITIES SHALL BE IN ACCORDANCE WITH APPLICABLE CODES, MANUFACTURER'S RECOMMENDATIONS, AND EQUIPMENT LISTINGS. COORDINATE LOCATIONS WITH LIGHTING AND AIR HANDLING SYSTEMS.
- ALL FIRE ALARM CIRCUITRY SHALL BE IN CONDUIT. EXPOSED CABLING SHALL NOT BE ACCEPTED. ALL EXISTING CABLING IS INSTALLED IN CONDUIT AND ALL NEW CABLING SHALL BE INSTALLED TO MATCH EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE FIRESTOPPING AT ALL WALL, CEILING, AND FLOOR PENETRATIONS.
- PATCH AND REPAIR WORK TO BE COMPLETED BY CONTRACTOR FOR ANY DAMAGE TO FACILITY. OWNER WILL PROVIDE PAINTING FOR REPAIR AND PATCH WORK.
- ANY ADDITIONAL DEVICES NOT SHOWN ON FLOOR PLAN WILL BE A CHANGE ORDER. CHANGE ORDER PRICING WILL BE SUBJECT TO UNIT PRICES PROVIDED ON THE BID FORM.

### DEVICE SCOPE OF WORK

- DEVICES SHALL BE WHITE UNLESS OTHERWISE NOTED.
- EXISTING FIRE ALARM SYSTEM SHUTS DOWN ALL MECHANICAL UNITS IN THE BUILDING. THIS IS NOT REQUIRED PER NFPA 90A, NFPA 72, AND IFC. REVISE EXISTING WIRING AND PROGRAMMING SUCH THAT ONLY THE LOCAL DUCT DETECTORS SHUTDOWN THE LOCAL HVAC EQUIPMENT TO MATCH NFPA 90A AND IFC REQUIREMENTS.
- FIRE WATCH WILL BE REQUIRED DURING CONSTRUCTION. THE FIRE WATCH WILL BE PROVIDED BY THE OWNER. COORDINATE CONSTRUCTION TIMELINE, LOCATION, AND FIRE WATCH AREA WITH OWNER AND CM.
- EXISTING PULL STATION COVERS SHALL BE REMOVED AND REUSED. REINSTALL IN EXISTING LOCATIONS UNLESS OTHERWISE NOTED.
- EXISTING MAGNETIC HOLDS FOR DOORS SHALL BE REUSED. NEW MODULES WILL BE REQUIRED TO TIE INTO THE NEW FIRE ALARM SYSTEM.
- EXISTING FIRE SMOKE DAMPERS CAN REMAIN INTACT. NEW MODULES WILL BE REQUIRED TO TIE INTO THE NEW FIRE ALARM SYSTEM. EXISTING MODULES APPEAR TO BE 24V DC. REFER TO ADDITIONAL PICTURES ON SHEETS FOR FURTHER INFORMATION ON LOCATION AND QUANTITY. DAMPERS CURRENTLY ARE CONNECTED IN ZONES. THESE ZONES CAN REMAIN INTACT. ALL DAMPERS WILL REQUIRE VISUAL VERIFICATION THAT THEY CLOSE PROPERLY.
- DUCT SMOKE DETECTORS ARE SHOWN IN APPROXIMATE LOCATIONS TO MATCH EXISTING CONDITIONS. EXISTING MECHANICAL DRAWINGS WILL BE PROVIDED TO THE WINNING BIDDER FOR COORDINATION OF LOCATIONS AND DUCT SIZING.
- CONTRACTOR SHALL PROVIDE ADDRESS OF EACH DEVICE ON THE AS-BUILT DRAWINGS.
- LABEL EACH FIRE ALARM DEVICE WITH ADDRESS ON DEVICE. LABEL TO INCLUDE THE FOLLOWING: "ROOM #", "DEVICE TYPE", "ADDRESS #".
- NEW 120V CIRCUITS NEEDED FOR NAC PANELS, AMPLIFIERS, ETC. REQUIRED FOR A FUNCTIONAL SYSTEM SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. EXISTING SPARE BREAKERS CAN BE USED FOR THE NEW CIRCUITS NECESSARY. LOCATION OF EQUIPMENT WILL BE COORDINATED WITH THE DESIGNER AND FACILITIES DURING THE SHOP DRAWING PHASE.
- ELEVATOR TESTING AND ELEVATOR REPROGRAMMING WILL BE PROVIDED BY THE OWNER.
- WIREGUARDS AND PROTECTION OF DEVICES WILL BE REUSED. DEVICE WILL NOT REQUIRE PROTECTION UNLESS OTHERWISE NOTED.

### PHASING AND SEQUENCING OF CONSTRUCTION

- EXISTING 120V CIRCUITS USED FOR THE EXISTING FIRE ALARM PANELS SHALL BE EXTENDED TO NEW FIRE ALARM PANELS.
- MOUNT EQUIPMENT (CONTROL PANELS, ANNUNCIATORS, AND NODES) IN LOCATIONS THAT WILL NOT DISRUPT THE EXISTING SYSTEM. INTERCONNECT AND TIE THE NEW EQUIPMENT TOGETHER. REUSE EXISTING FIBER OPTIC INFRASTRUCTURE TO NETWORK EQUIPMENT TOGETHER. VERIFY EQUIPMENT IS FUNCTIONAL AND CONNECTED CORRECTLY AHEAD OF TAKING ANY EXISTING DEVICES OFFLINE.
- PROVIDE FIBER TESTING TO GUARANTEE CONNECTIVITY PRIOR TO CONNECTING ANY NEW EQUIPMENT.
- PROVIDE NEW REMOTE ANNUNCIATOR PANEL AT MASTER CONTROL DESK.
- THE CONTRACTOR SHALL COORDINATE THE EXACT DATE WITH OWNER A MINIMUM OF TWO WEEKS IN ADVANCE OF ANY SHUTDOWN. NEW FIRE ALARM SYSTEM SHALL BE INSTALLED IN THE FOLLOWING ORDER:
  - MAIN BUILDING - PANEL 1, PANEL 3
  - NORTH BUILDING - PANEL 6
  - ADMIN BUILDING - PANEL 4, PANEL 5
  - R,S,T, AND V UNITS - PANEL 7
  - SNU BUILDING - PANEL 8
  - POWERHOUSE - PANEL 9
  - ALTERNATE #1: WAREHOUSE - PANEL 11
  - ALTERNATE #2: POWERHOUSE PRE-ACTION PANEL - PANEL 10
- AFTER COMPLETE CHANGE OVER OF SYSTEM, INSTALL PANEL 2 ON WALL IN MASTER CONTROL. PANEL AND ZONE SHUTDOWN WILL CAUSE THE SYSTEM TO BE IN A TROUBLE CONDITION DURING THE CONSTRUCTION PHASE. COORDINATE TROUBLE SIGNAL AND MANAGEMENT OF EXISTING CONDITIONS WITH OWNER THROUGHOUT CONSTRUCTION. REPROGRAMMING THE EXISTING SIEMENS APOGEE SYSTEM WILL NOT BE REQUIRED.
- METHODICALLY, AND IN CLOSE COORDINATION WITH THE CORRECTIONAL FACILITY, ROUTE NEW FIELD WIRING TO ANTICIPATED DEVICE LOCATIONS. TAKE NO MORE THAN ONE EXISTING FIRE ALARM CONTROL PANEL OFFLINE AT ANY ONE TIME TO ENSURE A GRACEFUL MIGRATION OCCURS FROM THE EXISTING SYSTEM TO THE NEW.
- BIDDING CONTRACTOR IS ENCOURAGED TO RE-USE EXISTING PATHWAYS AND BOXES WHERE IT IS APPROPRIATE. PROVIDE NEW PENETRATIONS AND SLEEVES WHERE NECESSARY FOR DEVICE INSTALLATION.
- INTERFACE NEW DEVICES WITH EXISTING MECHANICAL EQUIPMENT FOR FAN SHUT DOWN, SMOKE DAMPER AND COMBINATION FIRE/SMOKE DAMPER PURPOSES.

## CODE NOTES

### CODES OF JURISDICTION:

- 2015 INTERNATIONAL BUILDING CODE
- 2015 INTERNATIONAL FIRE CODE
- 2023 NATIONAL ELECTRIC CODE

### EXCERPT FROM INTERNATIONAL FIRE CODE CHAPTER 11:

#### 1103.7 FIRE ALARM SYSTEMS

AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN EXISTING BUILDINGS AND STRUCTURES IN ACCORDANCE WITH SECTIONS 1103.7.1 THROUGH 1103.7.7 AND PROVIDE OCCUPANT NOTIFICATION IN ACCORDANCE WITH SECTION 907.5 UNLESS OTHER REQUIREMENTS ARE PROVIDED BY OTHER SECTIONS OF THIS CODE.

#### 1103.7.4 GROUP I-3

AN AUTOMATIC AND MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED IN EXISTING GROUP I-3 OCCUPANCIES IN ACCORDANCE WITH SECTION 907.2.6.3.

### EXCERPT FROM INTERNATIONAL FIRE CODE CHAPTER 9:

#### 907.2.2 GROUP B

A MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED IN GROUP B OCCUPANCIES WHERE ONE OF THE FOLLOWING CONDITIONS EXISTS:

- THE COMBINED GROUP B OCCUPANT LOAD OF ALL FLOORS IS 500 OR MORE.
- THE GROUP B OCCUPANT LOAD IS MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE.
- THE FIRE AREA CONTAINS AN AMBULATORY CARE FACILITY.

EXCEPTION: MANUAL FIRE ALARM BOXES ARE NOT REQUIRED WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 AND THE OCCUPANT NOTIFICATION APPLIANCES WILL ACTIVATE THROUGHOUT THE NOTIFICATION ZONES UPON SPRINKLER WATER FLOW.

#### 907.2.6 GROUP I

A MANUAL FIRE ALARM SYSTEM THAT ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5 SHALL BE INSTALLED IN GROUP I OCCUPANCIES. AN AUTOMATIC SMOKE DETECTION SYSTEM THAT ACTIVATES THE OCCUPANT NOTIFICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5 SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 907.2.6.1, 907.2.6.2 AND 908.2.6.3.3.

#### 907.2.6.3 GROUP I-3 OCCUPANCIES.

GROUP I-3 OCCUPANCIES SHALL BE EQUIPPED WITH A MANUAL FIRE ALARM SYSTEM AND AUTOMATIC SMOKE DETECTION SYSTEM INSTALLED FOR ALERTING STAFF.

#### 907.2.6.3.1 SYSTEM INITIATION.

ACTION OF AN AUTOMATIC FIRE-EXTINGUISHING SYSTEM, AUTOMATIC SPRINKLER SYSTEM, A MANUAL FIRE ALARM BOX OR A FIRE DETECTOR SHALL INITIATE AN APPROVED FIRE ALARM SIGNAL THAT AUTOMATICALLY NOTIFIES STAFF.

#### 907.2.6.3.2 MANUAL FIRE ALARM BOXES.

MANUAL FIRE ALARM BOXES ARE NOT REQUIRED TO BE LOCATED IN ACCORDANCE WITH SECTION 907.4.2 WHERE THE FIRE ALARM BOXES ARE PROVIDED AT STAFF ATTENDED LOCATIONS HAVING DIRECT SUPERVISION OVER AREAS WHERE MANUAL FIRE ALARM BOXES HAVE BEEN OMITTED.

#### 907.2.6.3.2.1 MANUAL FIRE ALARM BOXES IN DETAINEE AREAS.

MANUAL FIRE ALARM BOXES ARE ALLOWED TO BE LOCKED IN AREAS OCCUPIED BY DETAINEES, PROVIDED THAT STAFF MEMBERS ARE PRESENT WITHIN THE SUBJECT AREA AND HAVE KEYS READILY AVAILABLE TO OPERATE THE MANUAL FIRE ALARM BOXES.

#### 907.2.6.3.3 AUTOMATIC SMOKE DETECTION SYSTEM.

AN AUTOMATIC SMOKE DETECTION SYSTEM SHALL BE INSTALLED THROUGHOUT RESIDENT HOUSING AREAS, INCLUDING SLEEPING UNITS AND CONTIGUOUS DAY ROOMS, GROUP ACTIVITY SPACES AND OTHER COMMON SPACES NORMALLY OPEN TO RESIDENTS.

#### EXCEPTIONS:

- OTHER APPROVED SMOKE DETECTION ARRANGEMENTS PROVIDING EQUIVALENT PROTECTION, INCLUDING, BUT NOT LIMITED TO, PLACING DETECTORS IN EXHAUST DUCTS FROM CELLS OR BEHIND PROTECTIVE GUARDS LISTED FOR THE PURPOSE, ARE ALLOWED WHERE NECESSARY TO PREVENT DAMAGE OR TAMPERING.

### EXCERPT FROM NFPA 101:

#### 9.6.3.6.3

WHERE OCCUPANTS ARE INCAPABLE OF EVACUATING THEMSELVES BECAUSE OF AGE, PHYSICAL OR MENTAL DISABILITIES, OR PHYSICAL RESTRAINT, ALL OF THE FOLLOWING SHALL APPLY.

- THE PROVIDED OPERATING MODE, AS DESCRIBED IN NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, SHALL BE PERMITTED TO BE USED.
- ONLY THE ATTENDANTS AND OTHER PERSONNEL REQUIRED TO EVACUATE OCCUPANTS FROM A ZONE, AREA, FLOOR, OR BUILDING SHALL BE REQUIRED TO BE NOTIFIED.
- NOTIFICATION OF PERSONNEL AS SPECIFIED IN 9.6.3.6.3(2) SHALL INCLUDE MEANS TO READILY IDENTIFY THE ZONE, AREA, FLOOR, OR BUILDING IN NEED OF EVACUATION.

#### 9.6.3.6.4

THE GENERAL EVACUATION SIGNAL SHALL NOT BE REQUIRED IN EXIT STAIR ENCLOSURES

#### 23.3.4.3.1

OCCUPANT NOTIFICATION SHALL BE ACCOMPLISHED AUTOMATICALLY IN ACCORDANCE WITH 9.6.3, AND THE FOLLOWING ALSO SHALL APPLY.

- A POSITIVE ALARM SEQUENCE SHALL BE PERMITTED IN ACCORDANCE WITH 9.6.3.4.
- ANY SMOKE DETECTIONS REQUIRED BY THIS CHAPTER SHALL BE PERMITTED TO BE ARRANGED TO ALARM AT A CONSTANTLY ATTENDED LOCATION ONLY AND SHALL NOT BE REQUIRED TO ACCOMPLISH GENERAL OCCUPANT NOTIFICATION.

### EXCERPT FROM IBC

308.5 INSTITUTIONAL GROUP I-3

308.5.1 CONDITION 1. THIS OCCUPANCY CONDITION SHALL INCLUDE BUILDINGS IN WHICH FREE MOVEMENT IS ALLOWED FROM SLEEPING AREAS, AND OTHER SPACES WHERE ACCESS OR OCCUPANCY IS PERMITTED, TO THE EXTERIOR VIA MEANS OF EGRESS WITHOUT RESTRAINT. A CONDITION 1 FACILITY IS PERMITTED TO BE CONSTRUCTED AS GROUP R.

308.5.2 CONDITION 2. THIS OCCUPANCY CONDITION SHALL INCLUDE BUILDINGS IN WHICH FREE MOVEMENT IS ALLOWED FROM SLEEPING AREAS AND ANY OTHER OCCUPIED SMOKE COMPARTMENT TO ONE OR MORE OTHER SMOKE COMPARTMENTS. EGRESS TO THE EXTERIOR IS IMPEDED BY LOCKED EXITS.

308.5.3 CONDITION 3. THIS OCCUPANCY CONDITION SHALL INCLUDE BUILDINGS IN WHICH FREE MOVEMENT IS ALLOWED WITHIN INDIVIDUAL SMOKE COMPARTMENTS, SUCH AS WITHIN A RESIDENTIAL UNIT COMPRISED OF INDIVIDUAL SLEEPING UNITS AND GROUP ACTIVITY SPACES, WHERE EGRESS IS IMPEDED BY REMOTE-CONTROLLED RELEASE OF MEANS OF EGRESS FROM SUCH A SMOKE COMPARTMENT TO ANOTHER SMOKE COMPARTMENT.

308.5.4 CONDITION 4. THIS OCCUPANCY CONDITION SHALL INCLUDE BUILDINGS IN WHICH FREE MOVEMENT IS RESTRICTED FROM AN OCCUPIED SPACE. REMOTE-CONTROLLED RELEASE IS PROVIDED TO PERMIT MOVEMENT FROM SLEEPING UNITS, ACTIVITY SPACES AND OTHER OCCUPIED AREAS WITHIN THE SMOKE COMPARTMENT TO OTHER SMOKE COMPARTMENTS.

308.5.5 CONDITION 5. THIS OCCUPANCY CONDITION SHALL INCLUDE BUILDINGS IN WHICH FREE MOVEMENT IS RESTRICTED FROM AN OCCUPIED SPACE. STAFF-CONTROLLED MANUAL RELEASE IS PROVIDED TO PERMIT MOVEMENT FROM SLEEPING UNITS, ACTIVITY SPACES AND OTHER OCCUPIED AREAS WITHIN THE SMOKE COMPARTMENT TO OTHER SMOKE COMPARTMENTS.

PER DEFINITIONS ABOVE:

R&S AND T&V ARE CONDITION III.  
SNU, NORTH, EAST, WEST, MAIN ARE CONDITION V.

### CODE NOTES - ELECTRICAL

- PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH STATE CODES.
- PROVIDE NEW FULLY FUNCTIONAL AND CODE COMPLIANT FIRE ALARM SYSTEM.
- THE CURRENT ADOPTED EDITION OF THE ELECTRICAL CODE IS THE STANDARD FOR THE ELECTRICAL INSTALLATION. VERIFY WITH STATE OFFICIALS WHEN PERMITS ARE OBTAINED. NOTIFY DESIGN TEAM OF ANY DISCREPANCIES BETWEEN THE PROJECT MANUAL OR DRAWINGS AND THE GOVERNING CODE.
- PER NEC EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT AND SPECIFIC PURPOSE OR USE. CONTRACTOR TO PROVIDE FINAL CIRCUIT IDENTIFICATION FOR ALL NEW AND MODIFIED CIRCUITS AT PROJECT COMPLETION.
- INSTALLATION SHALL FOLLOW REQUIREMENTS OF THE ADAAG - AMERICANS WITH DISABILITIES ACT.
- EXISTING ELEVATORS AND CONTROLS ARE TO REMAIN. FIRE ALARM INTEGRATION SHALL MATCH EXISTING CONDITIONS. LABEL DEVICES AND COORDINATE FUNCTIONALITY WITH OWNER. LABEL DEVICES NOT PROGRAMMABLE WITH CURRENT ELEVATORS AS FOR FUTURE USE.

### CONTROLS AND EGRESS OF RESIDENCE

- DOORS ARE CONTROLLED BY MASTER CONTROL.
- ADDITIONAL FIRE KEY RING IS PROVIDED AT THE CONTROL CENTER IN EACH UNIT TO PROVIDE EGRESS IN CASE OF EMERGENCY. DUE TO EGRESS REQUIREMENTS AND DOOR CONTROLS FOR THE FACILITY, VOICE NOTIFICATION IS NOT BEING PROVIDED IN THE STAIRWELLS. NOTIFICATION TO STAFF WILL BE PROVIDED BY OTHER METHODS WHEN NECESSARY IN STAIRWELLS. THIS MATCHES THE EXEMPTIONS FROM 907.5.2.2.

### SEQUENCE OF OPERATION FOR ALARM

- FIRE ALARM SYSTEM NOTIFIES ALL APPLIANCES AND STAFF OF THE FAULT.
- STAFF IN THE AREA UNDER FAULT, INVESTIGATE THE CONCERN AND REPORT BACK TO MASTER WITH THEIR RADIO SYSTEM.
- MASTER CONTROLS PROVIDES FURTHER INSTRUCTION THROUGH THE PA SYSTEM ON CAMPUS.
- LOCAL CONTROL ROOMS ALSO HAVE REMOTE CONTROL OF THE LOCAL DOORS IN THEIR UNIT.

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52241

Project No: 9445.00  
Date: 10/14/2025  
100% CD

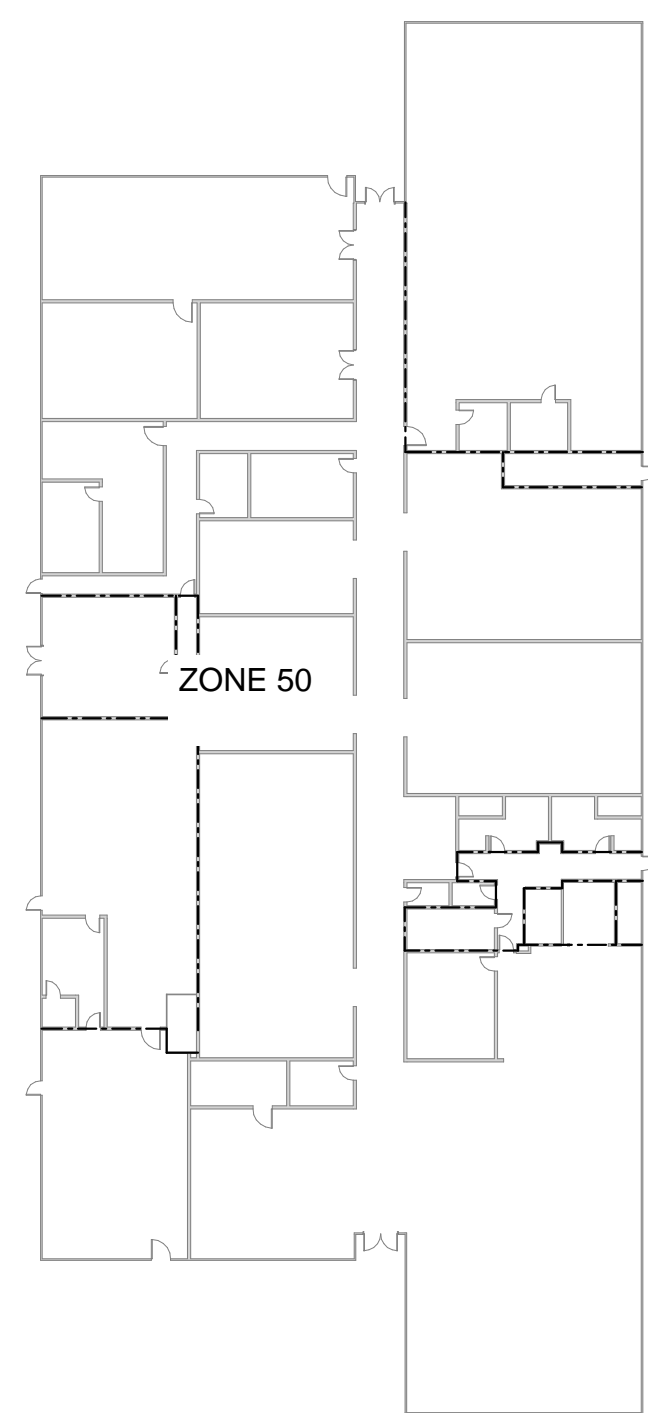
Drawing Name:  
FIRE ALARM ZONES

Drawing #:  
FA02

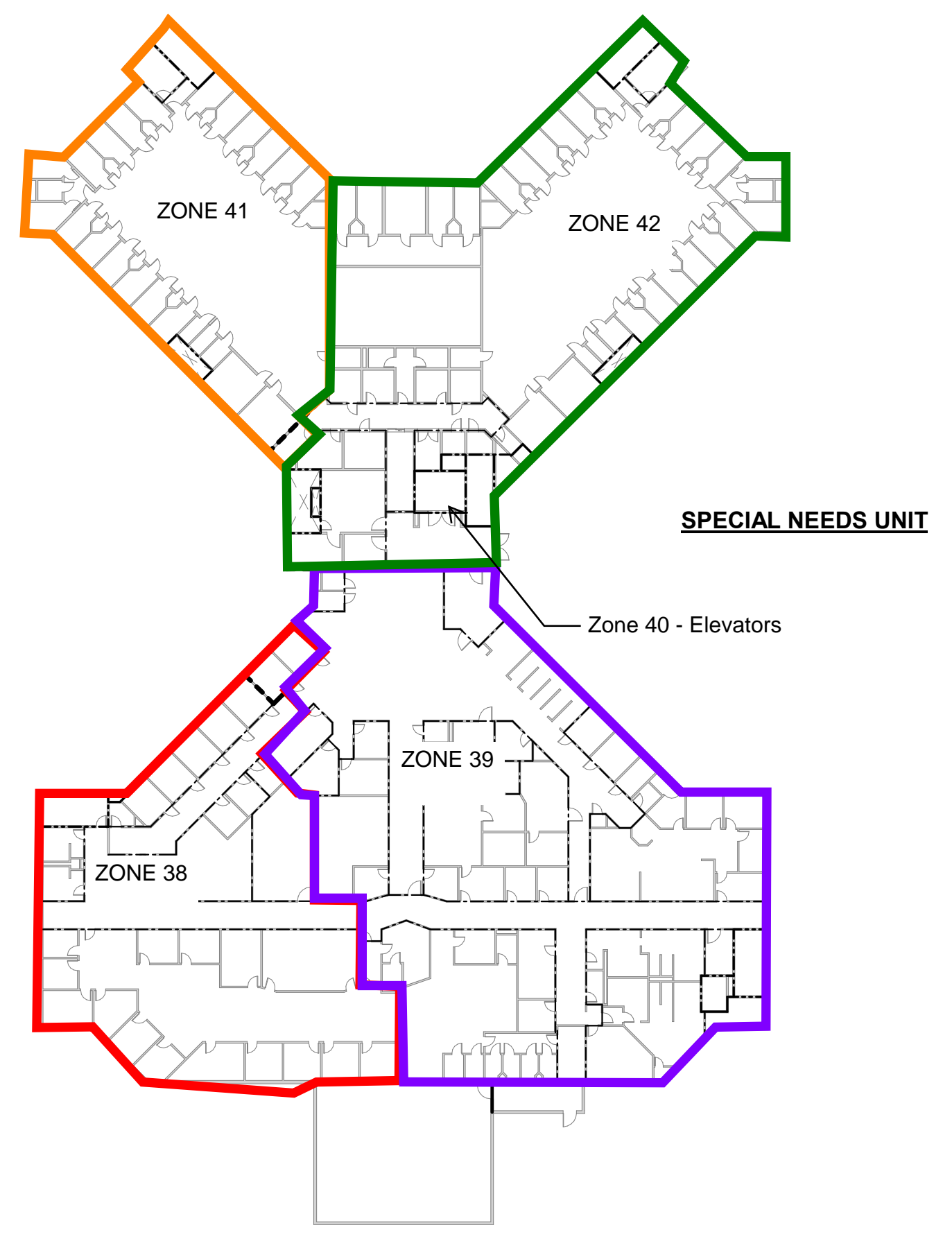
**EXISTING ZONE CONFIGURATION PER PANEL**  
 PANEL 1 IS CONNECTED TO ZONES 4,5,8,9,12,23,28,29,30,31  
 PANEL 5 IS CONNECTED TO ZONES 1-3  
 PANEL 6 IS CONNECTED TO ZONES 6, 10-22  
 PANEL 7 IS CONNECTED TO ZONES 24-27  
 PANEL 8 IS CONNECTED TO ZONES 38-46  
 PANEL 9 IS CONNECTED TO ZONE 50

**GENERAL NOTES:**  
 1. ZONES AND LOCATIONS PROVIDED BY OWNER. VERIFY ACCURACY WITH EXISTING PROGRAMMING AND WIRING.  
 2. PROVIDE NEW ZONES WITH AS-BUILT DOCUMENTATION. INCLUDE FIRE ALARM DEVICE LOCATIONS AND ADDRESSES.

POWER HOUSE



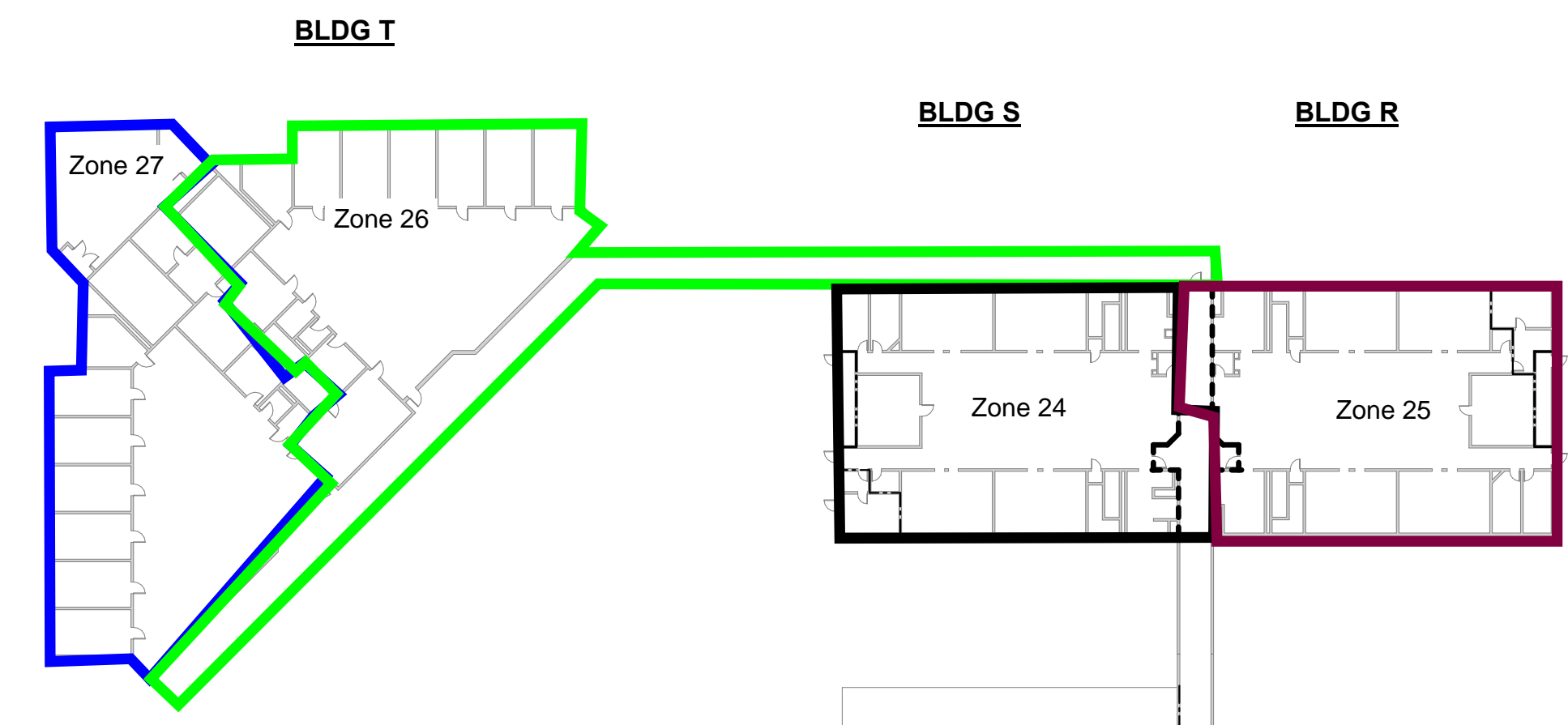
POWER HOUSE



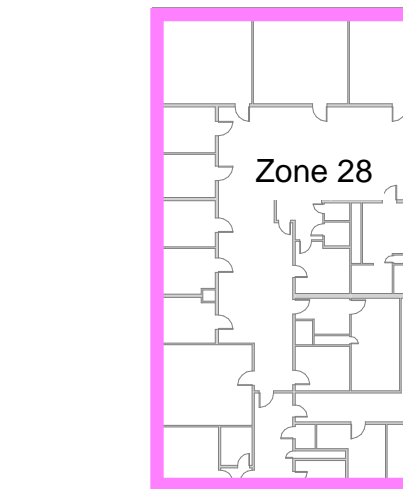
SPECIAL NEEDS UNIT

Zone 40 - Elevators

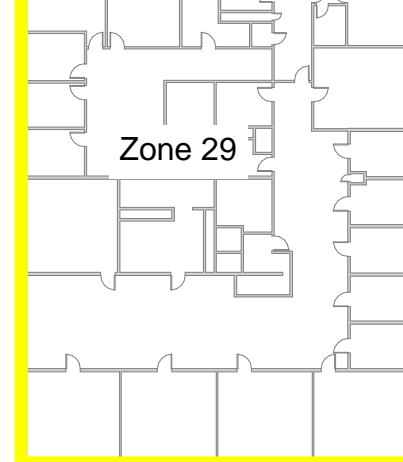
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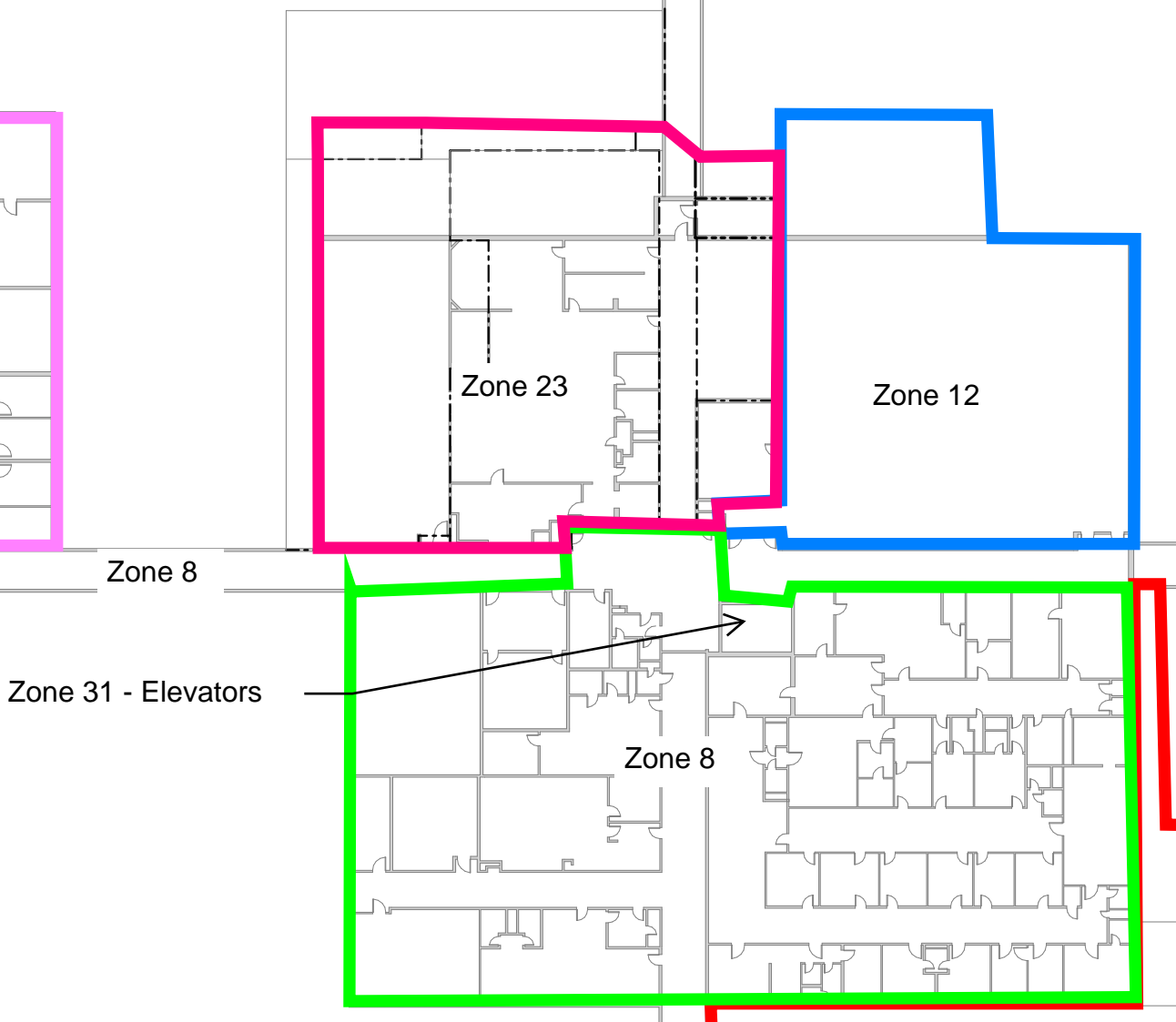
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Zone 28

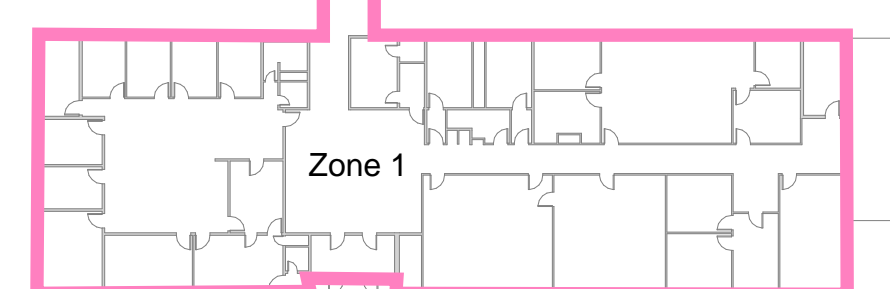


K/EAST



MAIN BUILDING

ADMINISTRATION



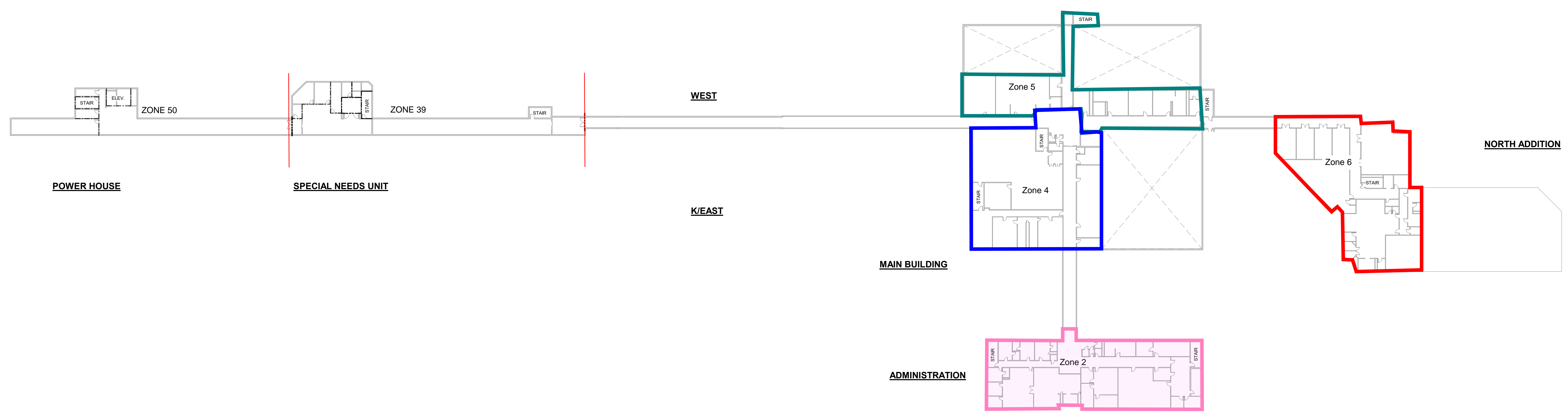
Zone 1

NORTH ADDITION



PENTHOUSE  
MAIN BUILDING  
IS ZONE 10

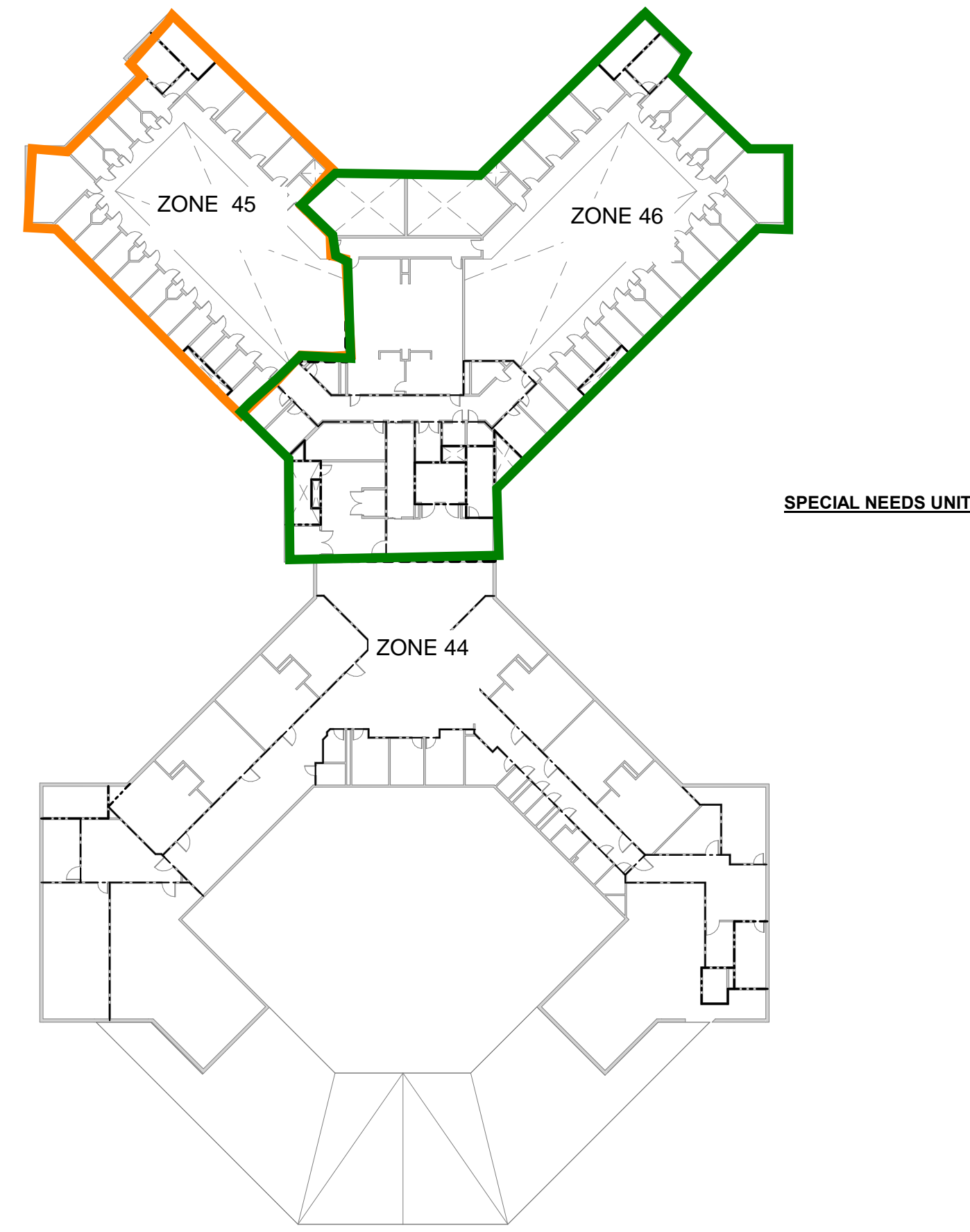
2 LEVEL 1 OCCUPANCY PLAN  
1" = 40'-0"



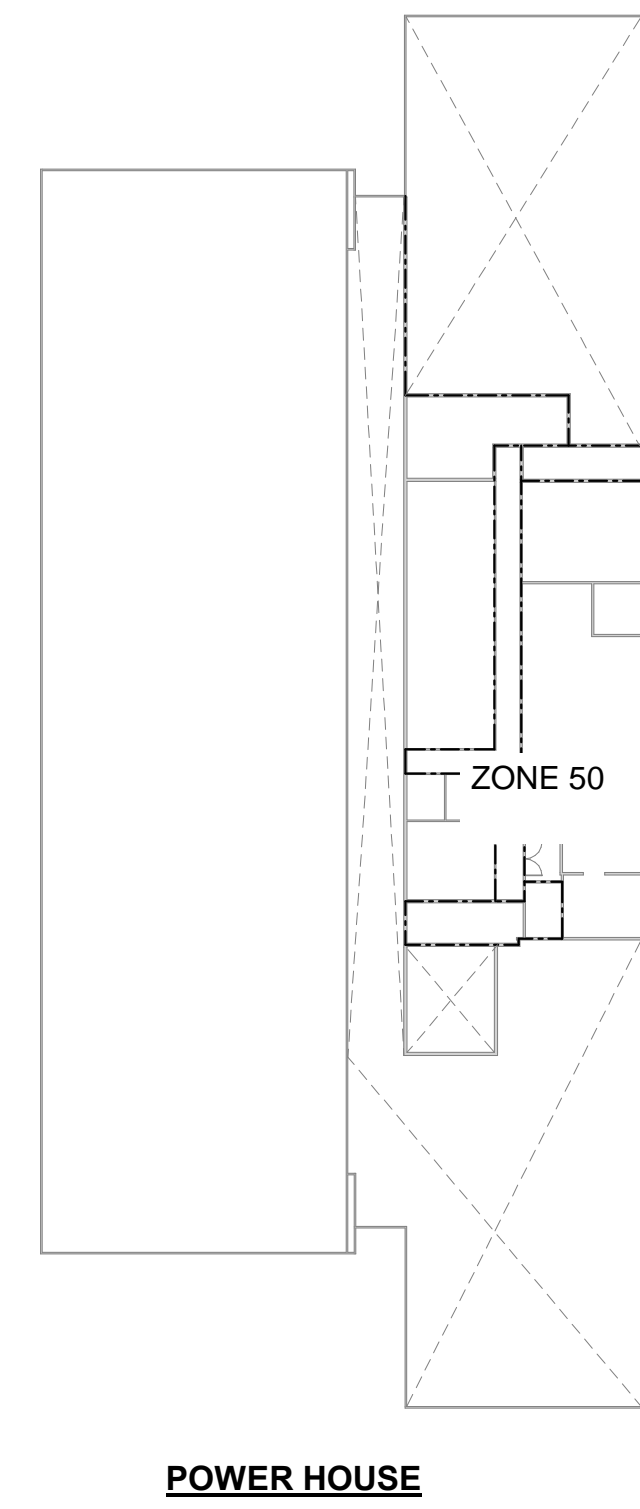
1 BASEMENT OCCUPANCY PLAN  
1" = 40'-0"

**EXISTING ZONE CONFIGURATION PER PANEL**  
 PANEL 1 IS CONNECTED TO ZONES 4,5,8,9,12,23,28,29,30,31  
 PANEL 5 IS CONNECTED TO ZONES 1-3  
 PANEL 6 IS CONNECTED TO ZONES 6, 10-22  
 PANEL 7 IS CONNECTED TO ZONES 24-27  
 PANEL 8 IS CONNECTED TO ZONES 38-46  
 PANEL 9 IS CONNECTED TO ZONE 50

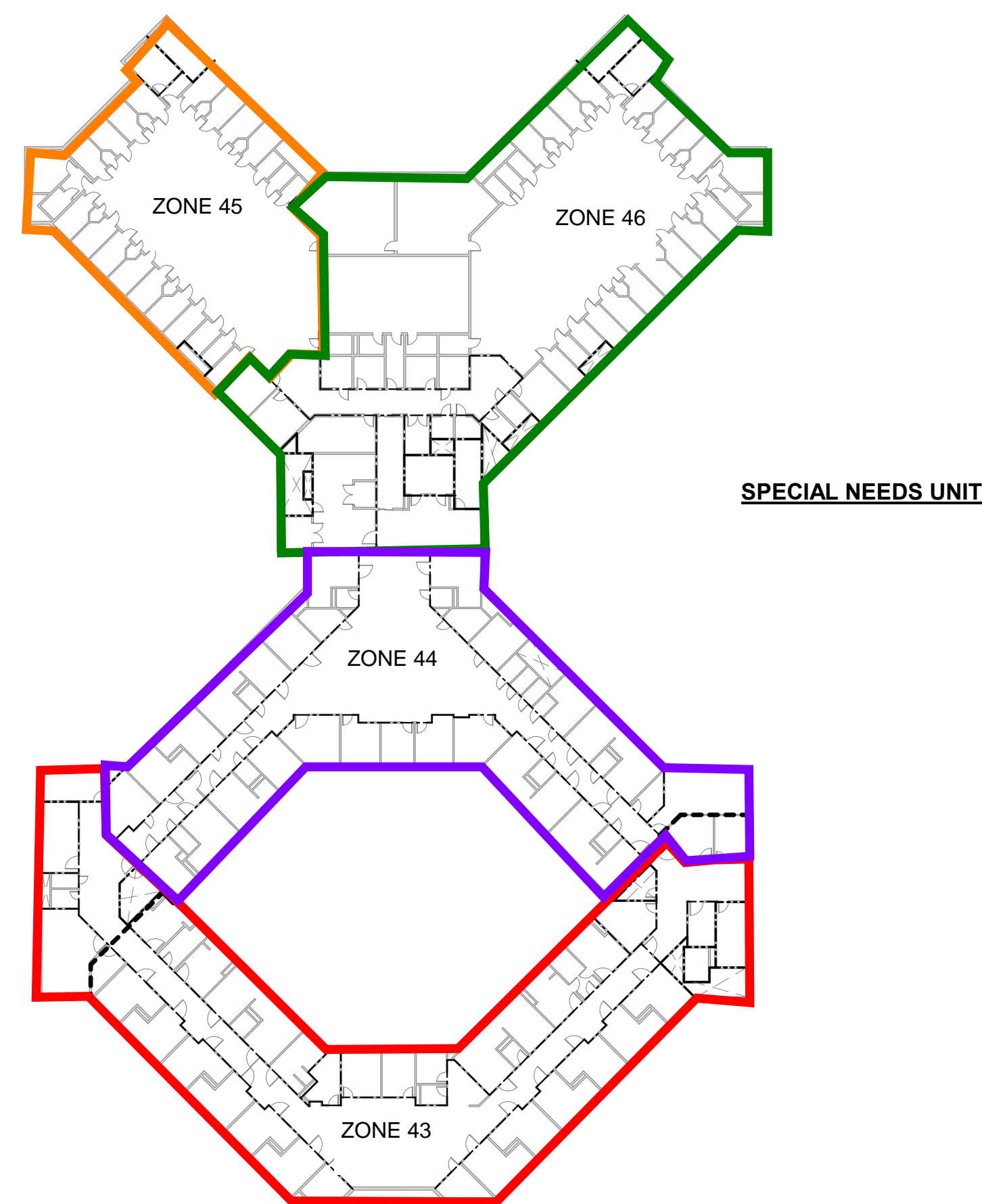
**GENERAL NOTES:**  
 1. ZONES AND LOCATIONS PROVIDED BY OWNER. VERIFY ACCURACY WITH EXISTING PROGRAMMING AND WIRING.  
 2. PROVIDE NEW ZONES WITH AS-BUILT DOCUMENTATION. INCLUDE FIRE ALARM DEVICE LOCATIONS AND ADDRESSES.



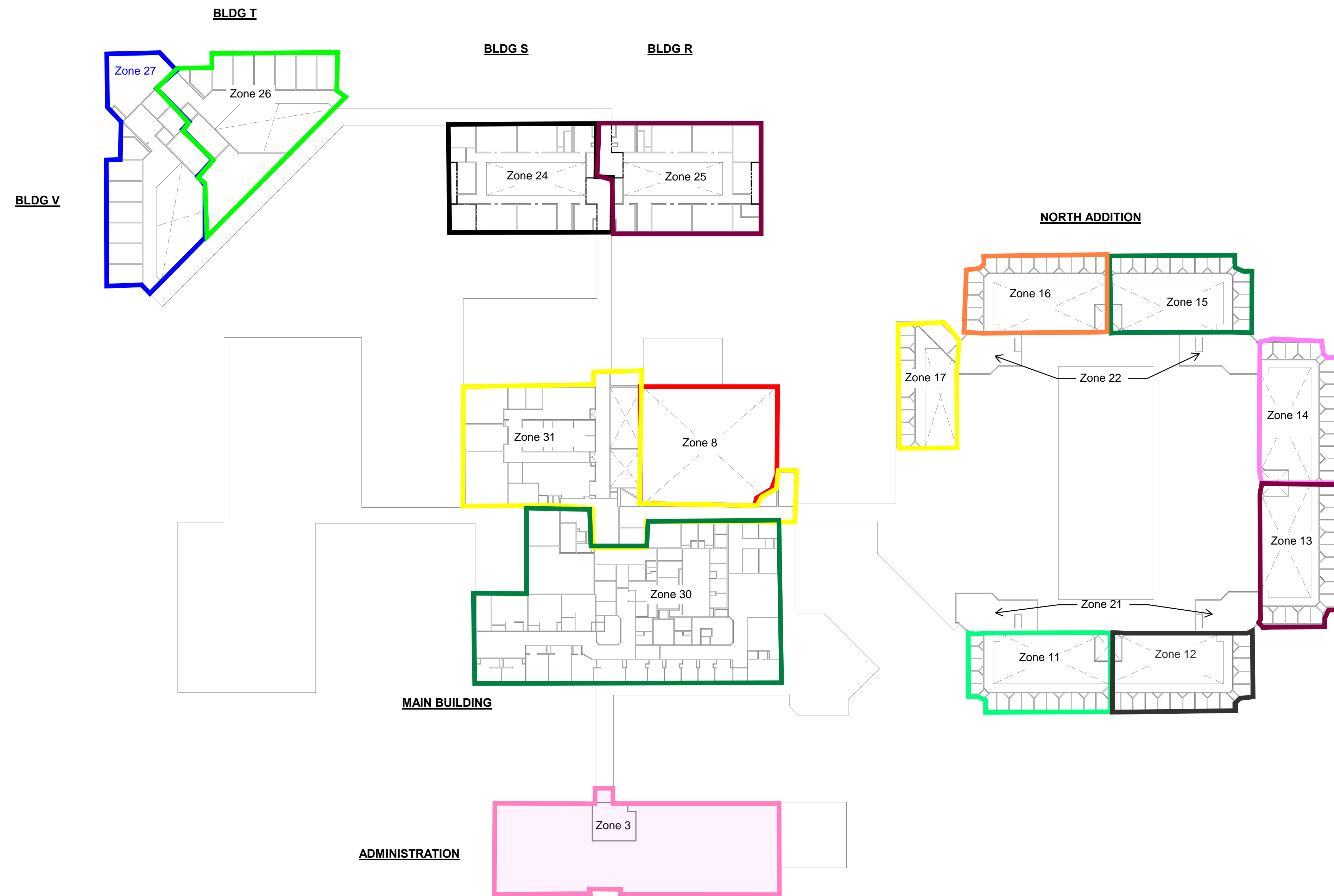
2 LEVEL 3 OCCUPANCY PLAN  
1" = 40'-0"



POWER HOUSE



1 LEVEL 2 OCCUPANCY PLAN  
1" = 40'-0"



## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52241

Project No: 9445.00  
 Date: 10/14/2025  
 100% CD

Drawing Name:  
FIRE ALARM ZONES

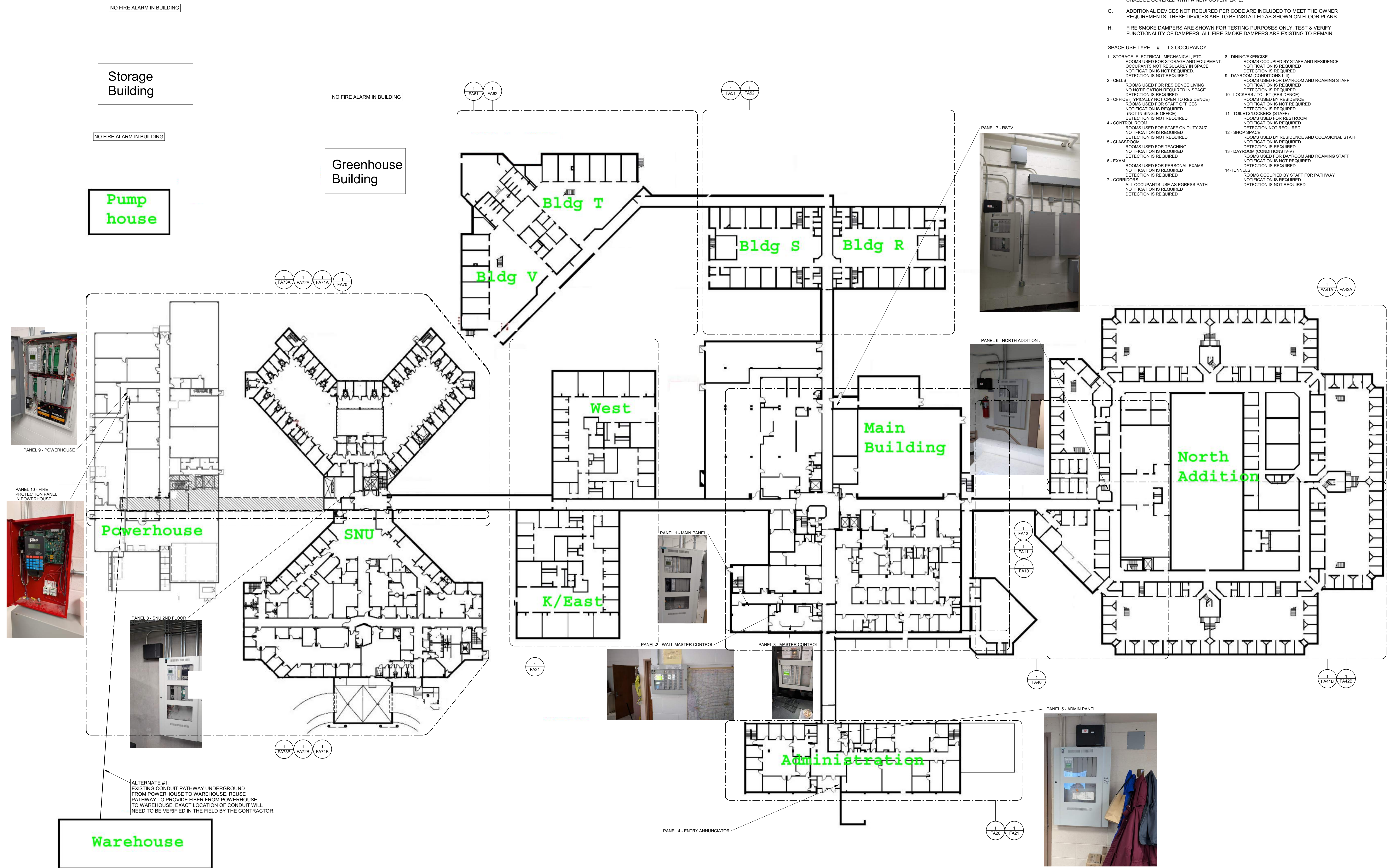
Drawing #:  
FA03

### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
- B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CM/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
- E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
- F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
- G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
- H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

### SPACE USE TYPE # - I-3 OCCUPANCY

- |   |   |
|---|---|
| 1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.         | 8 - DINING/BERGESS. ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.  |
| 2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS REQUIRED.   | 9 - DAYROOM (CONDITIONS I-III). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.                                 |
| 3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED (NOT IN SINGLE OFFICE). DETECTION IS NOT REQUIRED. | 10 - LOCKERS / TOILET (RESIDENCE). ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.   |
| 4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.   | 11 - TOILET/LOCKERS (STAFF). ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED. DETECTION NOT REQUIRED.                             |
| 5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED. DETECTION IS REQUIRED.  | 12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.                 |
| 6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.   | 13 - DAYROOM (CONDITIONS IV-VI). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED. |
| 7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.   | 14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.                             |



## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No:	9445.00
Date:	10/14/2025
100% CD	
Revision	Date

Drawing Name:  
FACILITY MAP

Drawing #:  
**FA04**

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

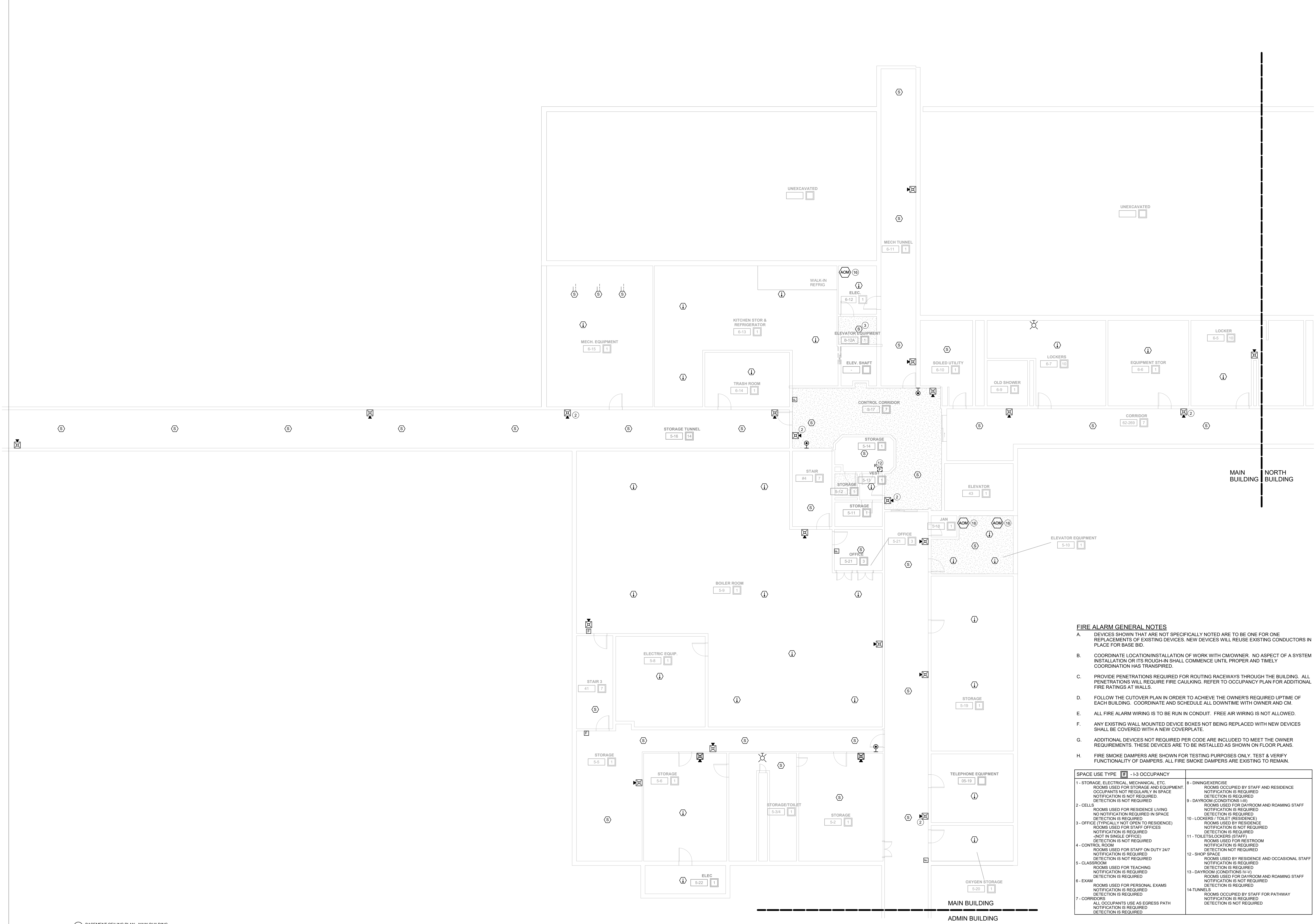
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Revision Date

Drawing Name:  
**MAIN - BASEMENT - FIRE DETECTION & ALARM PLANS**

Drawing #:

### FA10



- FIRE ALARM GENERAL NOTES**
- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
  - B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CMO/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
  - C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
  - D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
  - E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
  - F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
  - G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
  - H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

SPACE USE TYPE	1-13 OCCUPANCY	1-14 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.	9 - DAYROOM (CONDITIONS III) ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE) ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.	11 - TOILET (LOCKERS (STAFF)) ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE) ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED.	13 - DAYROOM (CONDITIONS IV-V) ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS REQUIRED.	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED.	
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED.		
6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS REQUIRED.		
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS REQUIRED.		

- KEYNOTES**
- 2. INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
  - 3. INSTALL NEW DEVICE LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
  - 12. REMOVE EXISTING PULL STATION LOCATION. LOCATION NO LONGER NECESSARY AS SPACE HAS BEEN REVISED TO STORAGE.
  - 16. REPLACE EXISTING FIRE ALARM MODULE. COORDINATE ELEVATOR DOWNTIME AND INSTALLATION WITH OWNER/CM. VERIFY RECALL IS FUNCTIONING PROPERLY WITH SMOKE DETECTION UPON INSTALLATION COMPLETION TO MEET CODE REQUIREMENTS. REPLACE WITH PRIMARY RECALL, SECONDARY RECALL, AND FIRE HAT.

1 BASEMENT CEILING PLAN - MAIN BUILDING  
1/8" = 1'-0"

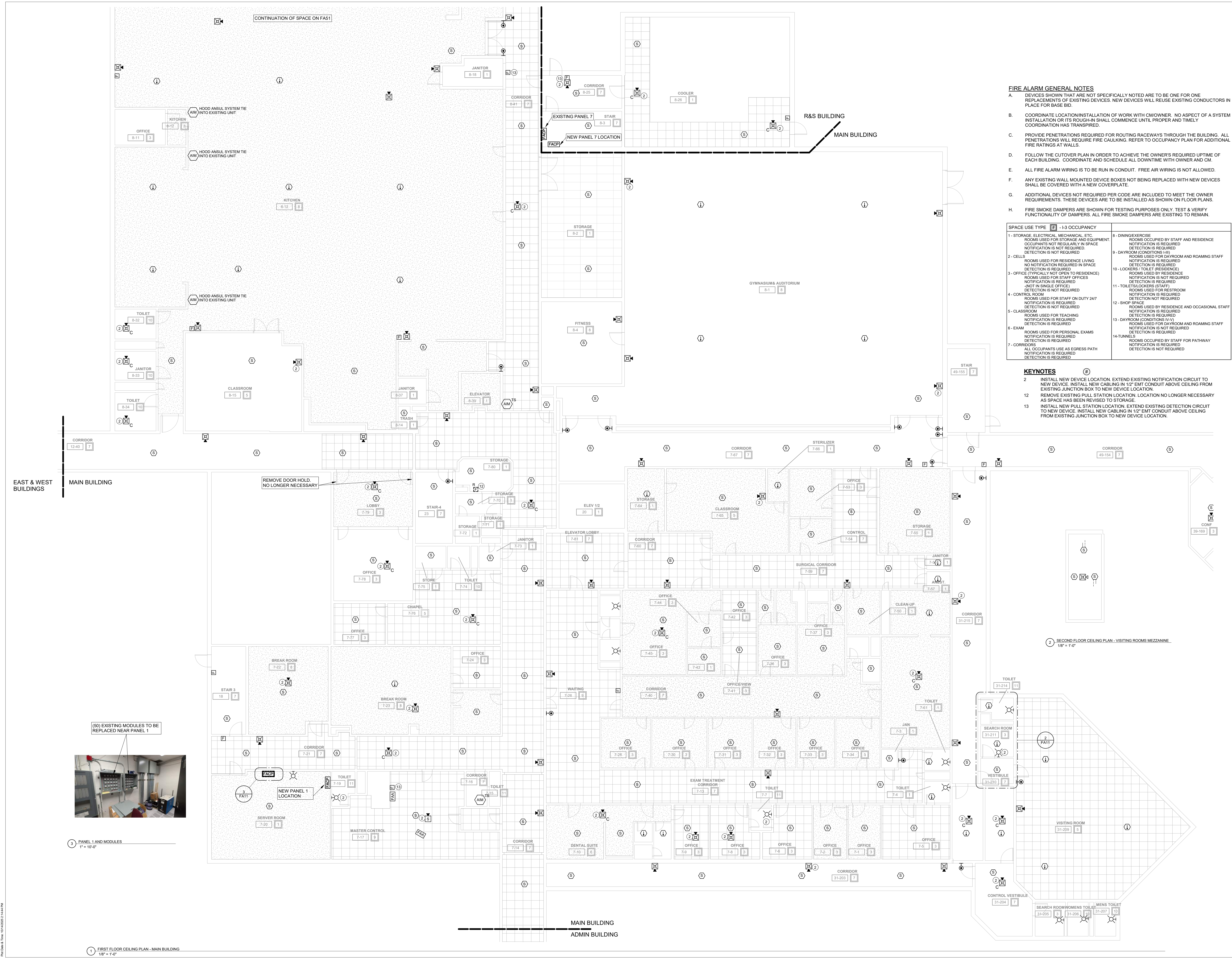
### FIRE ALARM GENERAL NOTES

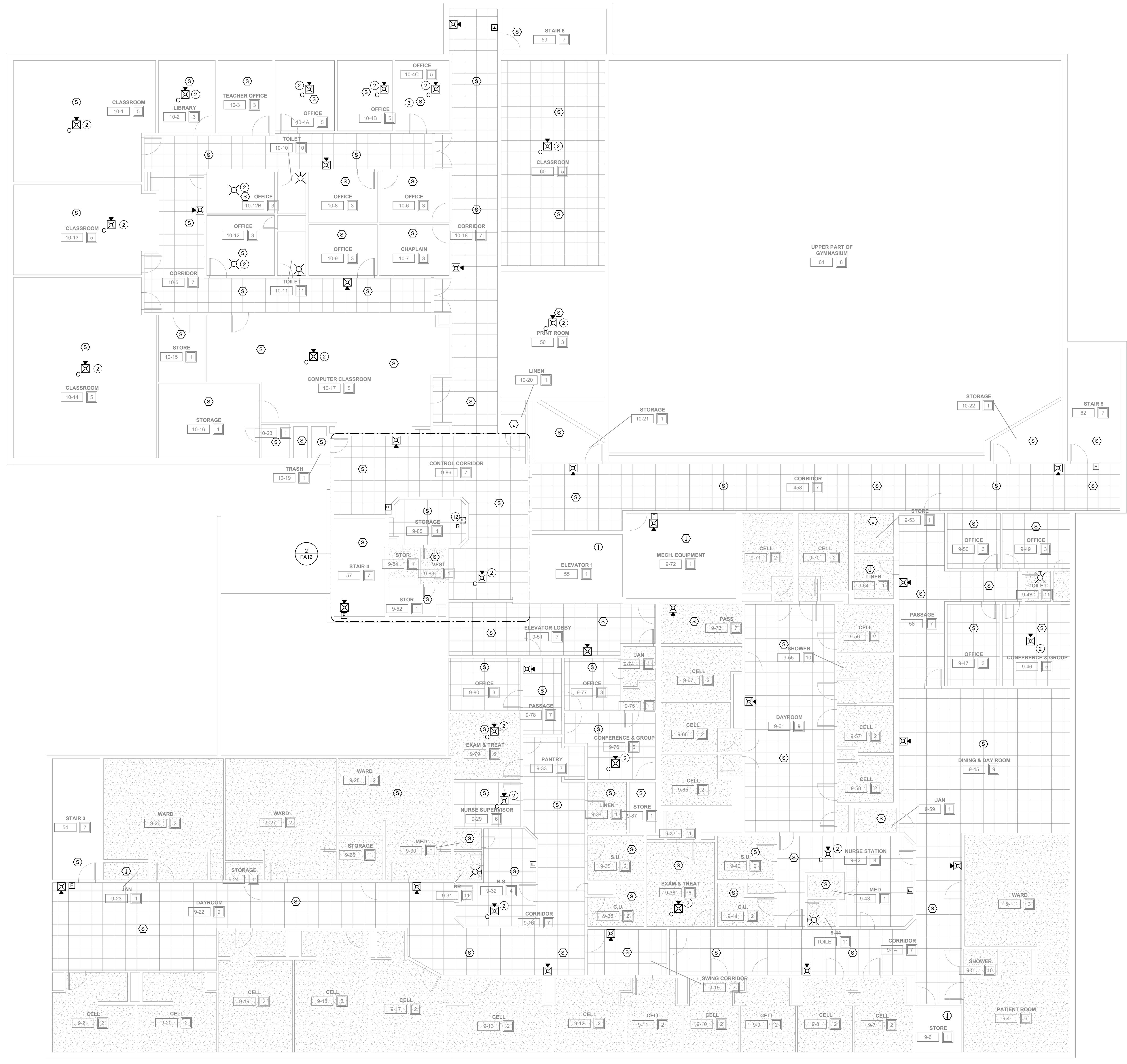
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### KEYNOTES

- INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- REMOVE EXISTING PULL STATION LOCATION. LOCATION NO LONGER NECESSARY AS SPACE HAS BEEN REVISED TO STORAGE.
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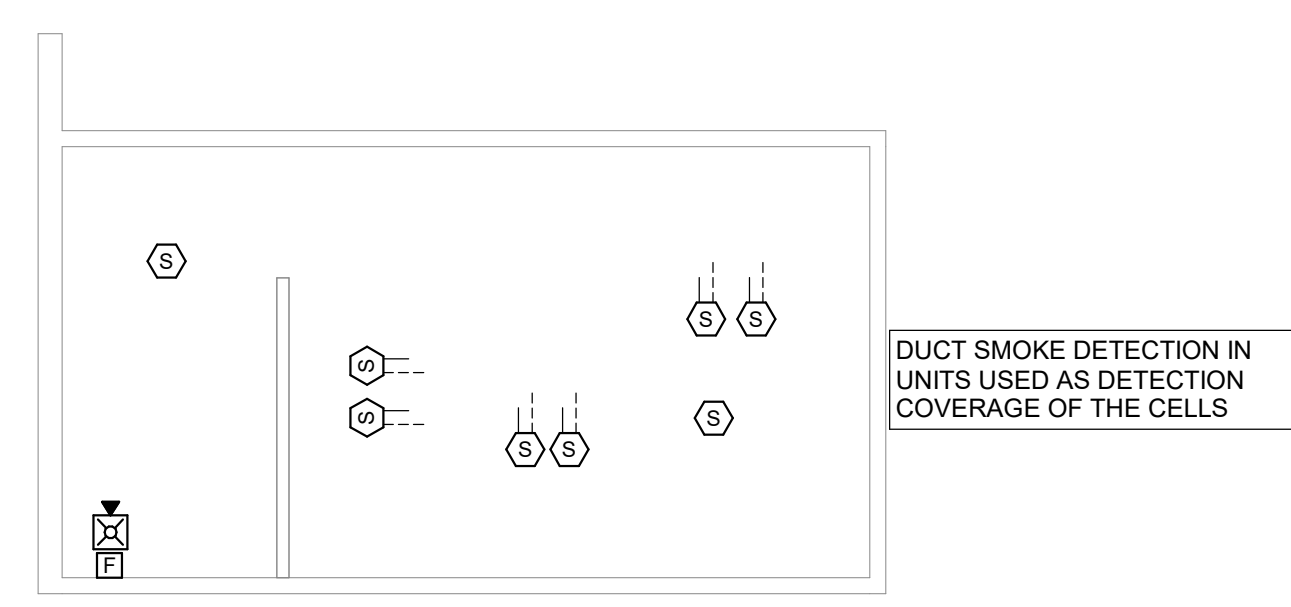
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### KEYNOTES

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- 12 REMOVE EXISTING PULL STATION LOCATION. LOCATION NO LONGER NECESSARY AS SPACE HAS BEEN REVISED TO STORAGE.



2 PENTHOUSE - MAIN BUILDING  
1/8" = 1'-0"

DUCT SMOKE DETECTION IN UNITS LISTED AS DETECTION COVERAGE OF THE CELLS

1 SECOND FLOOR CEILING PLAN - MAIN BUILDING  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision	Date

Drawing Name:  
MAIN BUILDING - SECOND FLOOR & PENTHOUSE - FIRE DETECTION & ALARM PLANS

Drawing #:  
**FA12**

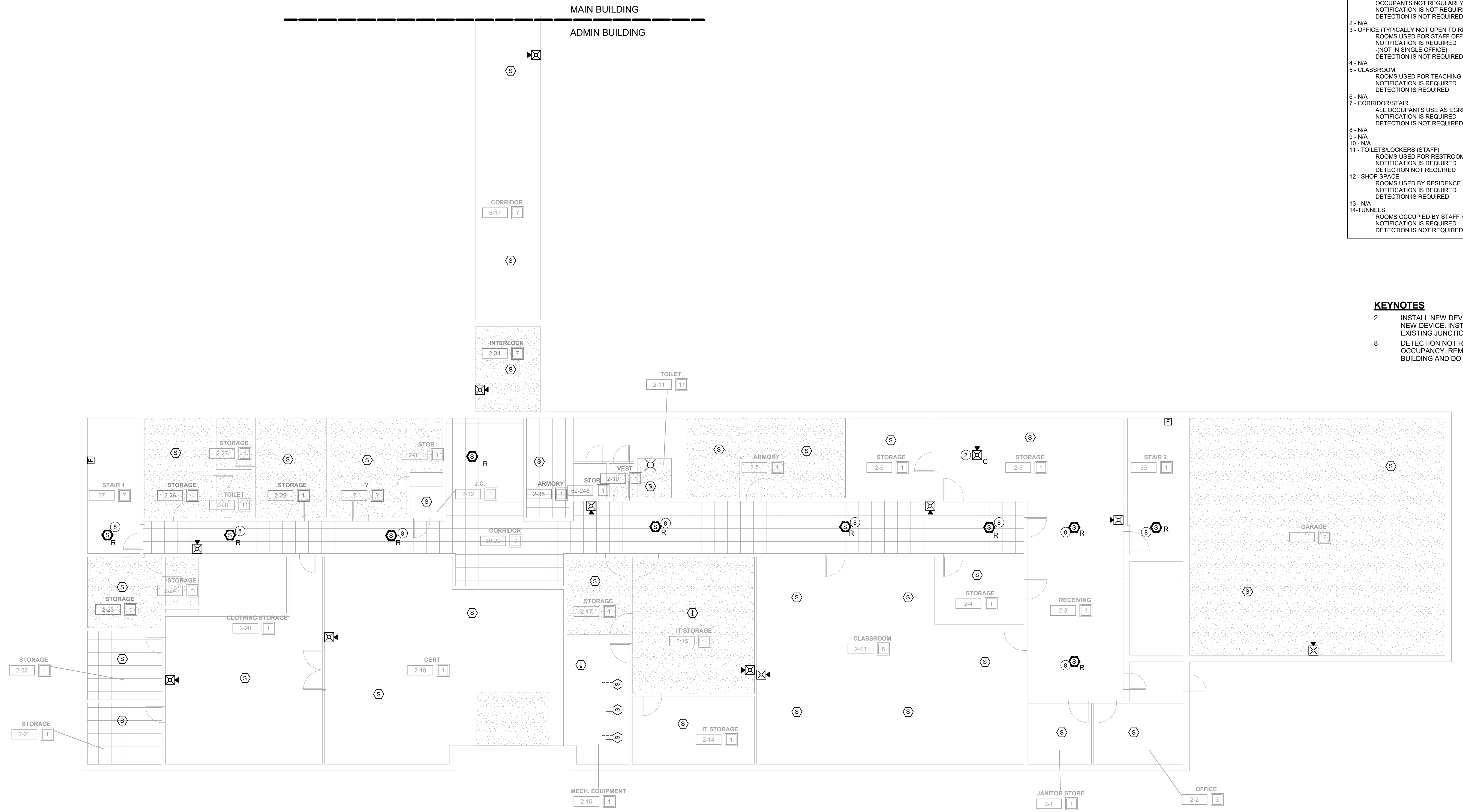
### FIRE ALARM GENERAL NOTES

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SPACE USE TYPE	#	B	OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	1		
2 - N/A	2		
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE) ROOMS USED FOR STAFF OFFICES (NOT IN SINGLE OFFICE). NOTIFICATION IS REQUIRED.	3		
4 - N/A	4		
5 - CLASSROOM ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED.	5		
6 - N/A	6		
7 - CORRIDOR/STAIR ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS REQUIRED.	7		
8 - N/A	8		
9 - N/A	9		
10 - N/A	10		
11 - TOILETS/LOCKERS (STAFF) ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED.	11		
12 - SHOP SPACE ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED.	12		
13 - N/A	13		
14 - TUNNELS ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED.	14		

### KEYNOTES

- 2 INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- 8 DETECTION NOT REQUIRED IN CORRIDORS AND OFFICES IN A BUSINESS OCCUPANCY. REMOVE EXISTING DETECTORS IN THESE SPACES OF THE ADMIN BUILDING AND DO NOT REINSTALL NEW.



1 BASEMENT CEILING PLAN - ADMIN BUILDING  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

#	Revision	Date

Drawing Name:  
ADMIN - BASEMENT -  
FIRE DETECTION &  
ALARM PLANS

Drawing #:

# FA20

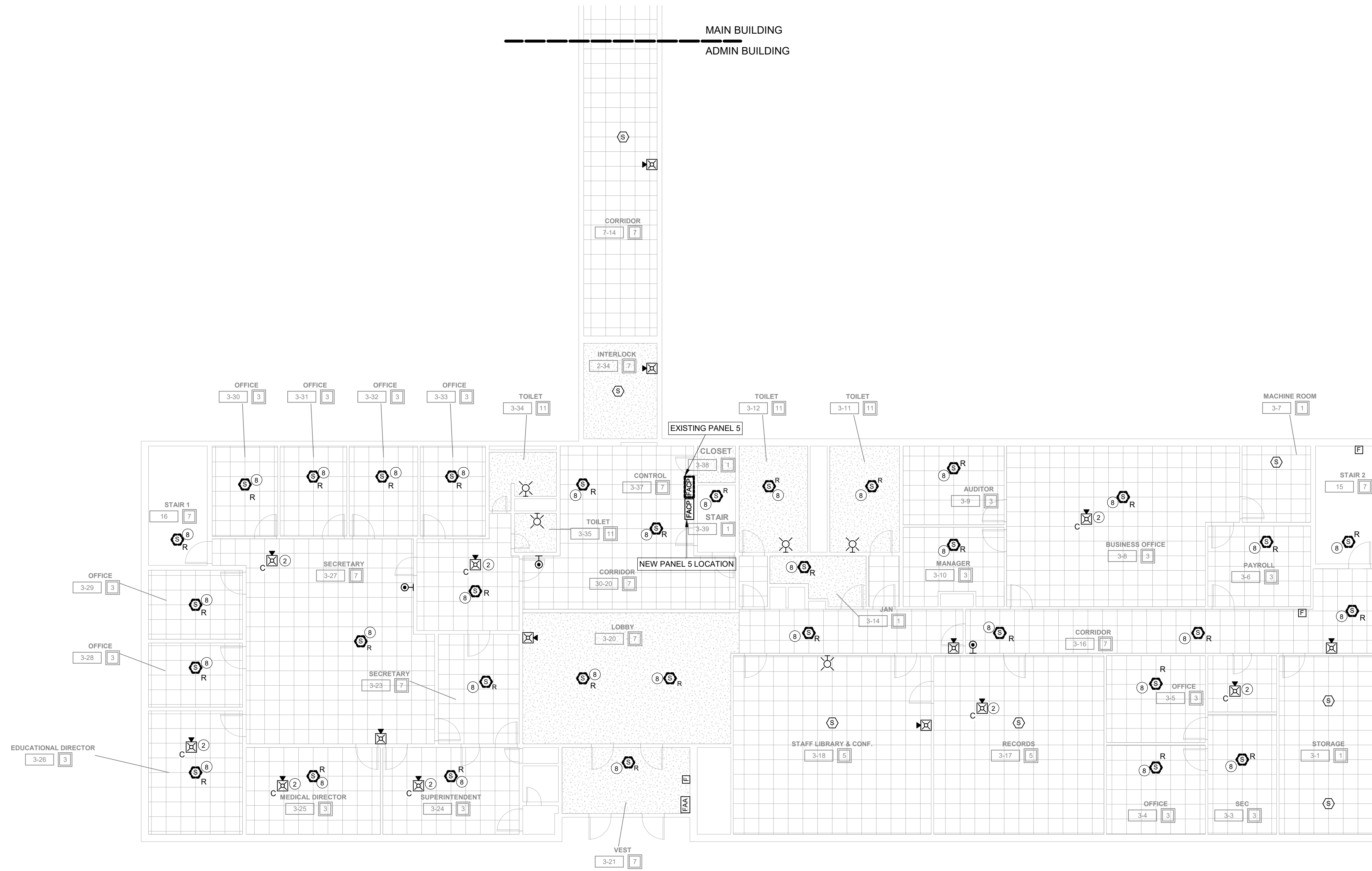
### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
- B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CM/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
- E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
- F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
- G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
- H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

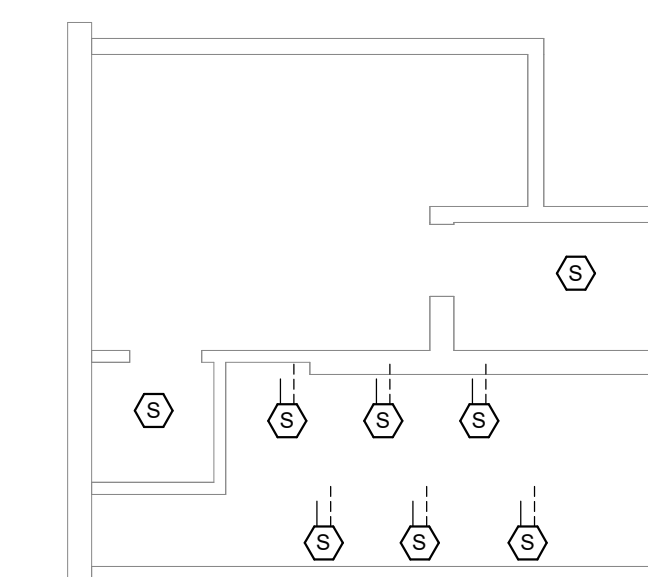
SPACE USE TYPE	#	B OCCUPANCY
1 - STORAGE; ELECTRICAL; MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE NOTIFICATION IS NOT REQUIRED DETECTION IS NOT REQUIRED		
2 - N/A		
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE) ROOMS USED FOR STAFF OFFICES NOTIFICATION IS REQUIRED (NOT IN SINGLE OFFICE) DETECTION IS NOT REQUIRED		
4 - N/A		
5 - CLASSROOM ROOMS USED FOR TEACHING NOTIFICATION IS REQUIRED DETECTION IS REQUIRED		
6 - N/A		
7 - CORRIDOR/STAIR ALL OCCUPANTS USE AS EGRESS PATH NOTIFICATION IS REQUIRED DETECTION IS NOT REQUIRED		
8 - N/A		
9 - N/A		
10 - N/A		
11 - TOILETS/LOCKERS (STAFF) ROOMS USED FOR RESTROOM NOTIFICATION IS REQUIRED DETECTION NOT REQUIRED		
12 - SHOP SPACE ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF NOTIFICATION IS REQUIRED DETECTION IS REQUIRED		
13 - N/A		
14 - TUNNELS ROOMS OCCUPIED BY STAFF FOR PATHWAY NOTIFICATION IS REQUIRED DETECTION IS NOT REQUIRED		

### KEYNOTES

- 2 INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- 8 DETECTION NOT REQUIRED IN CORRIDORS AND OFFICES IN A BUSINESS OCCUPANCY. REMOVE EXISTING DETECTORS IN THESE SPACES OF THE ADMIN BUILDING AND DO NOT REINSTALL NEW.



1 FIRST FLOOR CEILING PLAN - ADMIN BUILDING  
1/8" = 1'-0"



2 SECOND FLOOR CEILING PLAN - ADMIN BUILDING  
1/8" = 1'-0"

Project No: 9445.00  
Date: 10/14/2025  
100% CD

#	Revision	Date

Drawing Name:  
ADMIN - FIRST &  
SECOND FLOOR - FIRE  
DETECTION & ALARM  
PLANS

Drawing #:

## FA21

#### FIRE ALARM GENERAL NOTES

- DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
- COORDINATE LOCATION/INSTALLATION OF WORK WITH CM/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
- PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
- ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
- ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
- ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
- FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

#### SPACE USE TYPE 1-1-3 OCCUPANCY

1 - STORAGE ELECTRICAL MECHANICAL ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	9 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE). ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED (NOT IN SINGLE OFFICE). DETECTION IS NOT REQUIRED.	11 - TOILETS/LOCKERS (STAFF). ROOMS USED FOR RESTROOM. NOTIFICATION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS NOT REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED.
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED (DETECTION IS REQUIRED).	13 - DAYROOM (CONDITIONS IV-V). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED (DETECTION IS REQUIRED).
6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS REQUIRED (DETECTION IS REQUIRED).	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED (DETECTION IS NOT REQUIRED).
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS NOT REQUIRED (DETECTION IS REQUIRED).	

#### KEYNOTES

- INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.



1 FIRST FLOOR CEILING PLAN - EAST & WEST BUILDINGS  
1/8" = 1'-0"

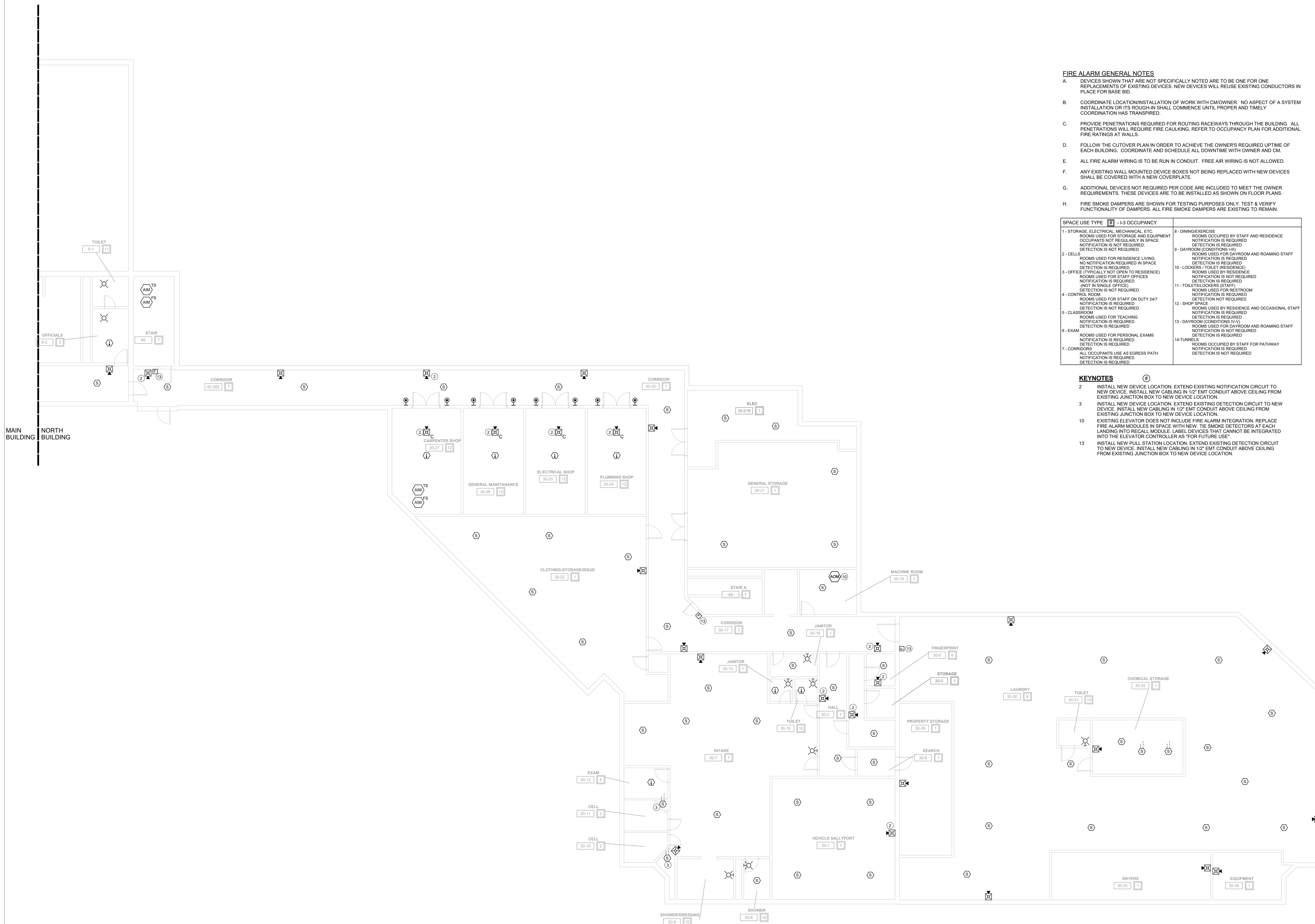
### FIRE ALARM GENERAL NOTES

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SPACE USE TYPE	#1 - I-3 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. DETECTION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS NOT REQUIRED.	9 - DAYROOM (CONDITIONS III). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE). ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. DETECTION IS NOT REQUIRED.	11 - TOILETS/LOCKERS (STAFF). ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED.
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED.
6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS REQUIRED.	13 - DAYROOM (CONDITIONS IV-V). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS REQUIRED.	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS REQUIRED.

### KEYNOTES

- 2. INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- 3. INSTALL NEW DEVICE LOCATION. EXTEND EXISTING DETECTION CIRCUIT FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- 10. EXISTING ELEVATOR DOES NOT INCLUDE FIRE ALARM INTEGRATION. REPLACE FIRE ALARM MODULES IN SPACE WITH NEW. THE SMOKE DETECTORS AT EACH LANDING INTO RECALL MODULE. LABEL DEVICES THAT CANNOT BE INTEGRATED INTO THE ELEVATOR CONTROLLER AS "FOR FUTURE USE".
- 13. INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.



## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision	Date

Drawing Name:  
NORTH - BASEMENT -  
FIRE DETECTION &  
ALARM PLANS

Drawing #:

# FA40

1 BASEMENT CEILING PLAN - NORTH BUILDING  
1/8" = 1'-0"



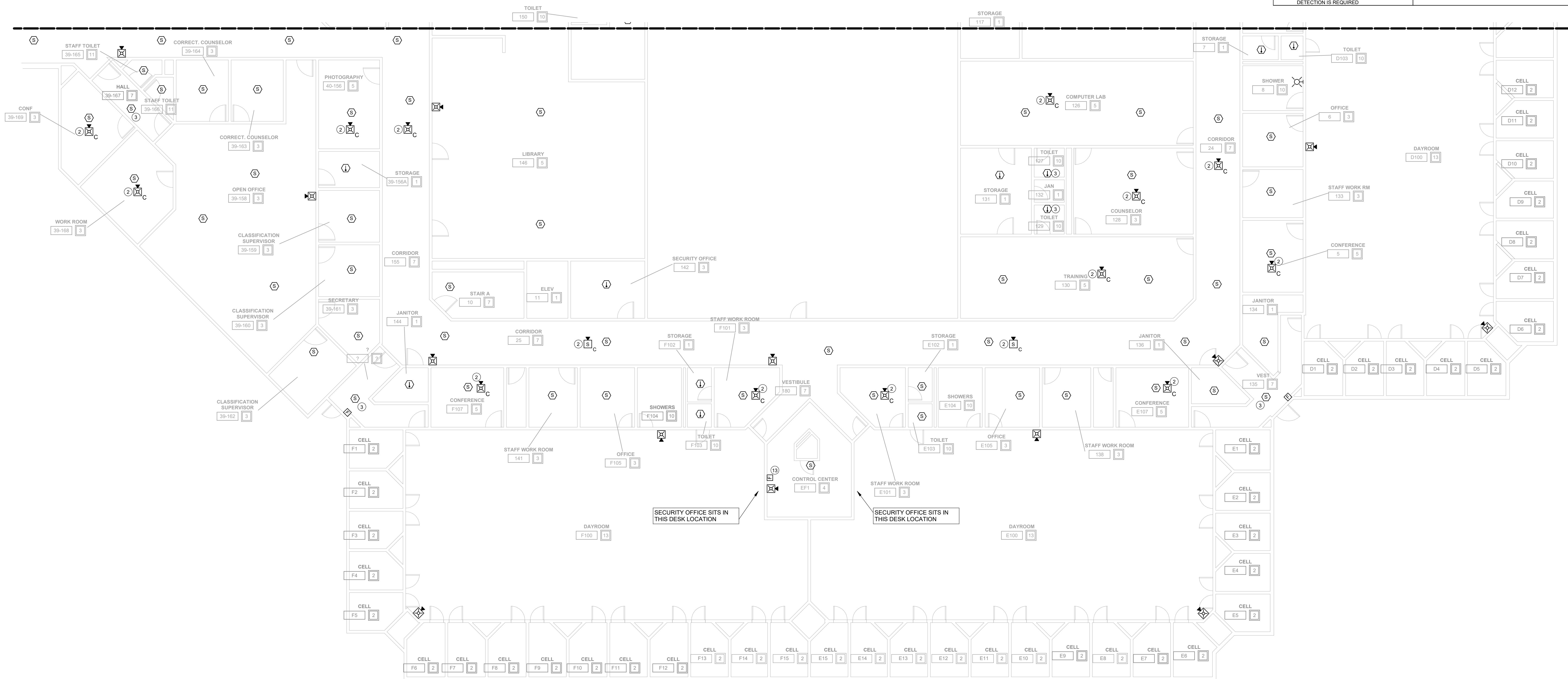
### KEYNOTES

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- 13 INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.

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SPACE USE TYPE	1-3 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
2 - CELLS	9 - DAYROOM (CONDITIONS I-III) ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE) ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED (NOT IN SINGLE OFFICE).	10 - LOCKERS / TOILET (RESIDENCE) ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
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## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision Date

Drawing Name:  
NORTH BUILDING  
EAST - FIRST FLOOR -  
FIRE DETECTION &  
ALARM PLANS

Drawing #:

# FA41B

1 FIRST FLOOR CEILING PLAN - NORTH BUILDING - EAST  
1/8" = 1'-0"

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## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 522241

Project No: 9445.00

Date: 10/14/2025

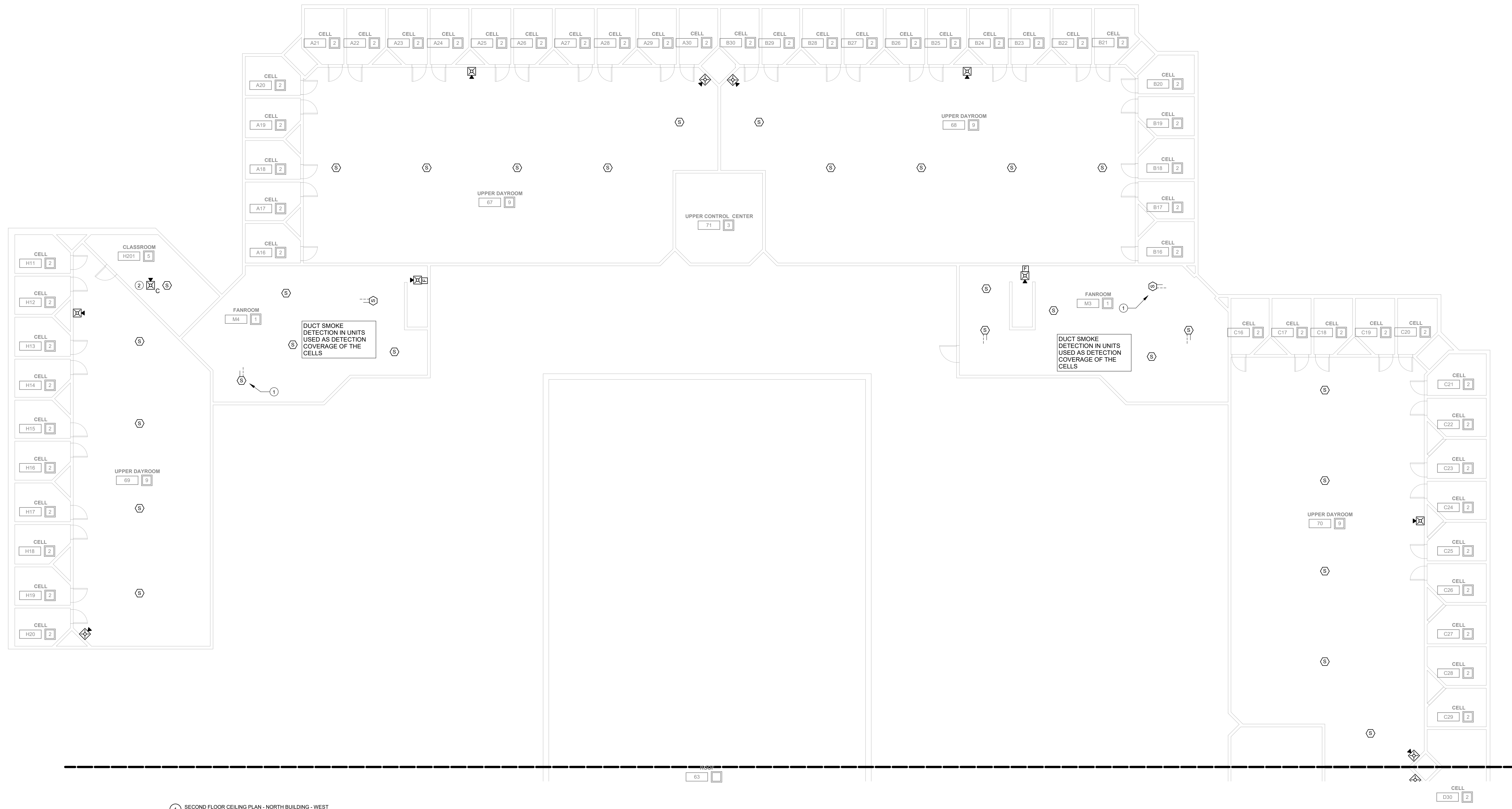
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Revision Date

Drawing Name:  
NORTH BUILDING  
FLOOR - SECOND  
FLOOR - FIRE  
DETECTION & ALARM  
PLANS

Drawing #:

FA42A



1 SECOND FLOOR CEILING PLAN - NORTH BUILDING - WEST  
1/8" = 1'-0"

### KEYNOTES

- 1 PIPE CHASE BETWEEN CELLS SERVES AS RETURN PLENUM. PLENUM HAS DUCT SMOKE PROTECTION PROVIDED BY RETURN SIDE DUCT DETECTOR IN FANROOM.
- 2 INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.

### FIRE ALARM GENERAL NOTES

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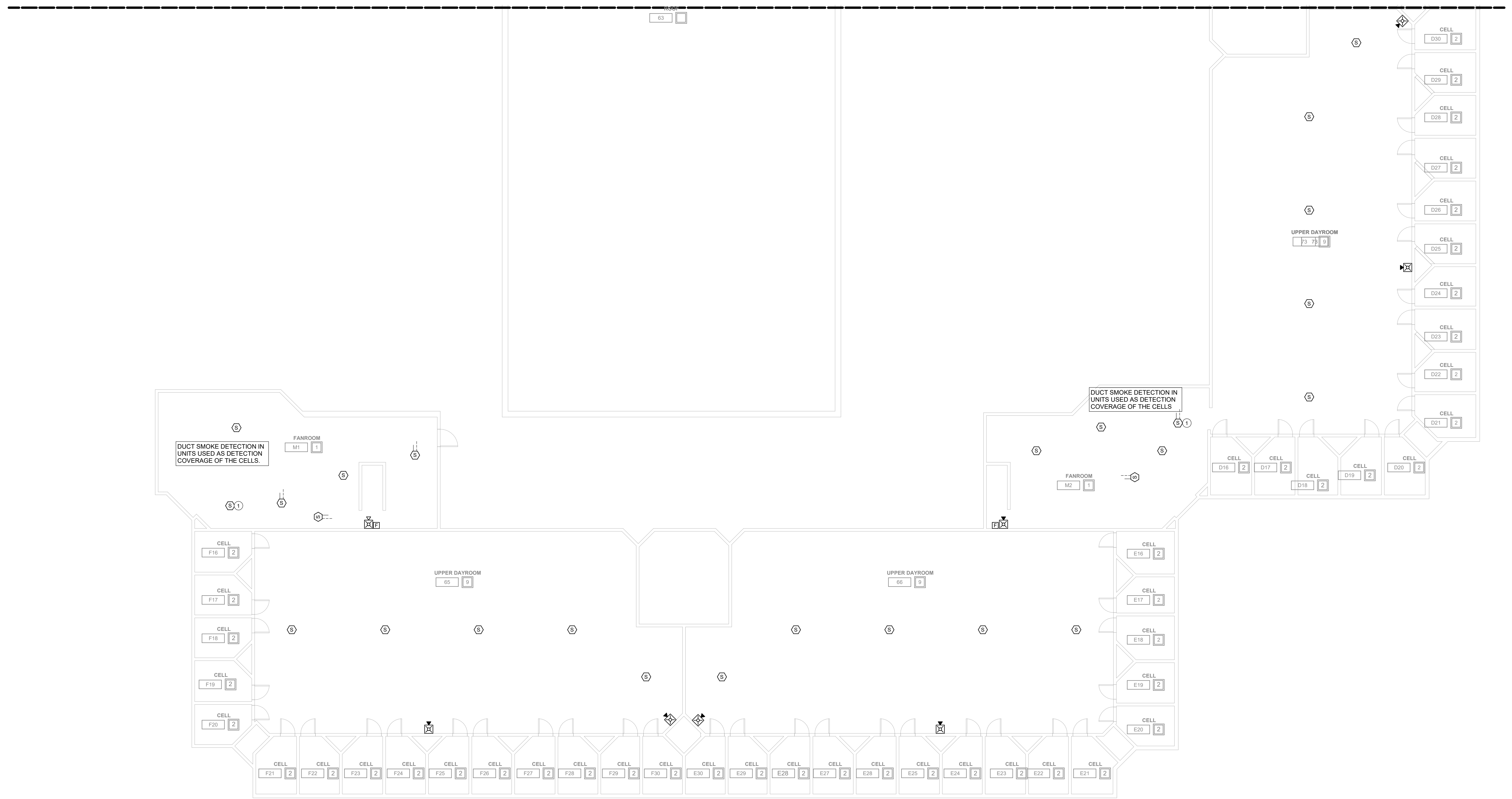
SPACE USE TYPE	NOTIFICATION IS REQUIRED
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**KEYNOTES**

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## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

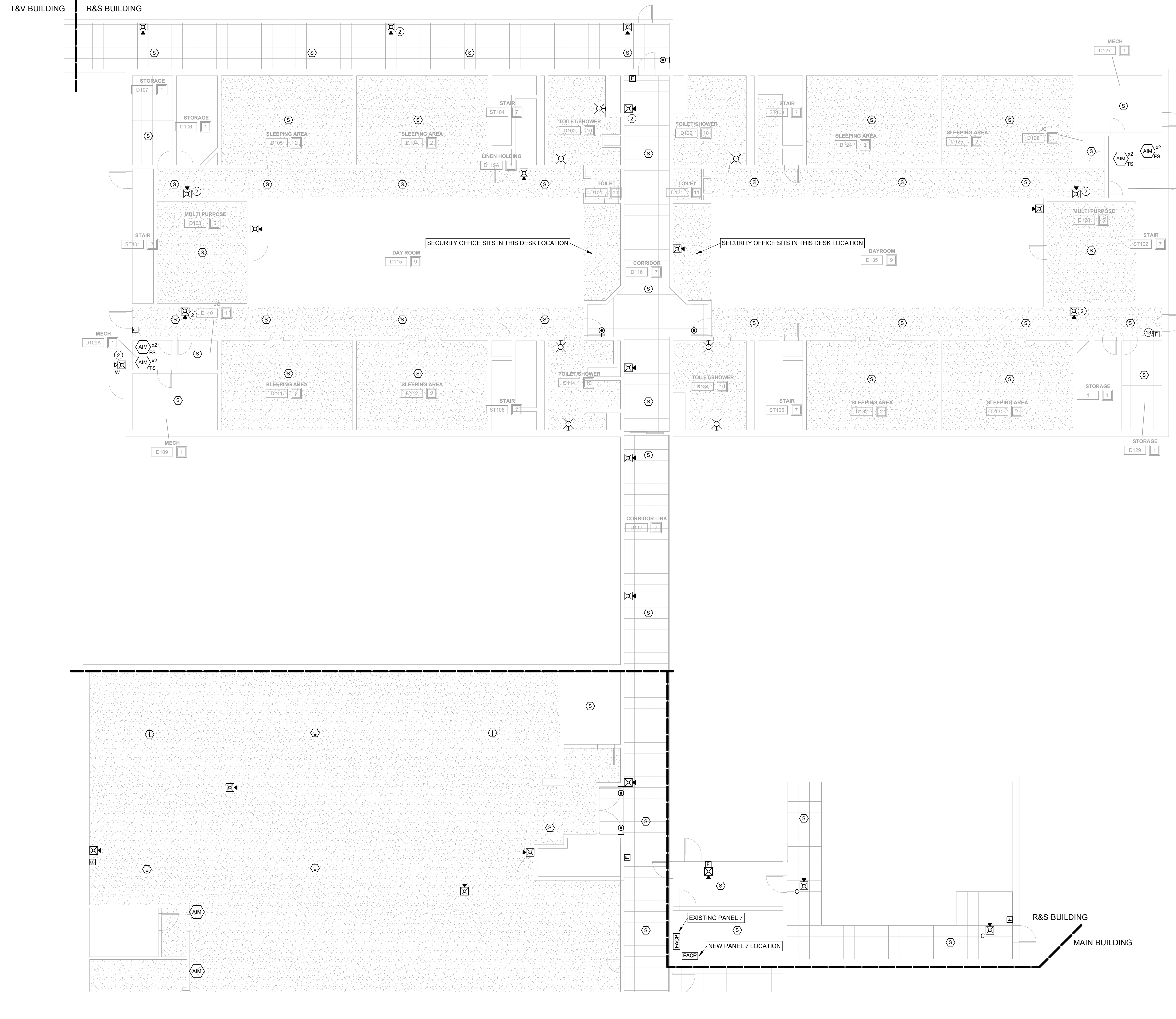
Project No: 9445.00  
Date: 10/14/2025

100% CD

#	Revision	Date

Drawing Name:  
NORTH BUILDING  
EAST - SECOND  
FLOOR - FIRE  
DETECTION & ALARM  
PLANS

Drawing #:  
**FA42B**



- FIRE ALARM GENERAL NOTES**
- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
  - B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CMO/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
  - C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
  - D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
  - E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
  - F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
  - G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
  - H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

SPACE USE TYPE	1-3 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS REQUIRED.	9 - DAYROOM (CONDITIONS I-III) ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE) ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS REQUIRED.	11 - TOILETS (LOCKERS STAFF) ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED.
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED.
6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS REQUIRED.	13 - DAYROOM (CONDITIONS I-IV) ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS REQUIRED.	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED.

- KEYNOTES**
- 2. INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
  - 13. INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.

1 FIRST FLOOR CEILING PLAN - RAS BUILDING  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

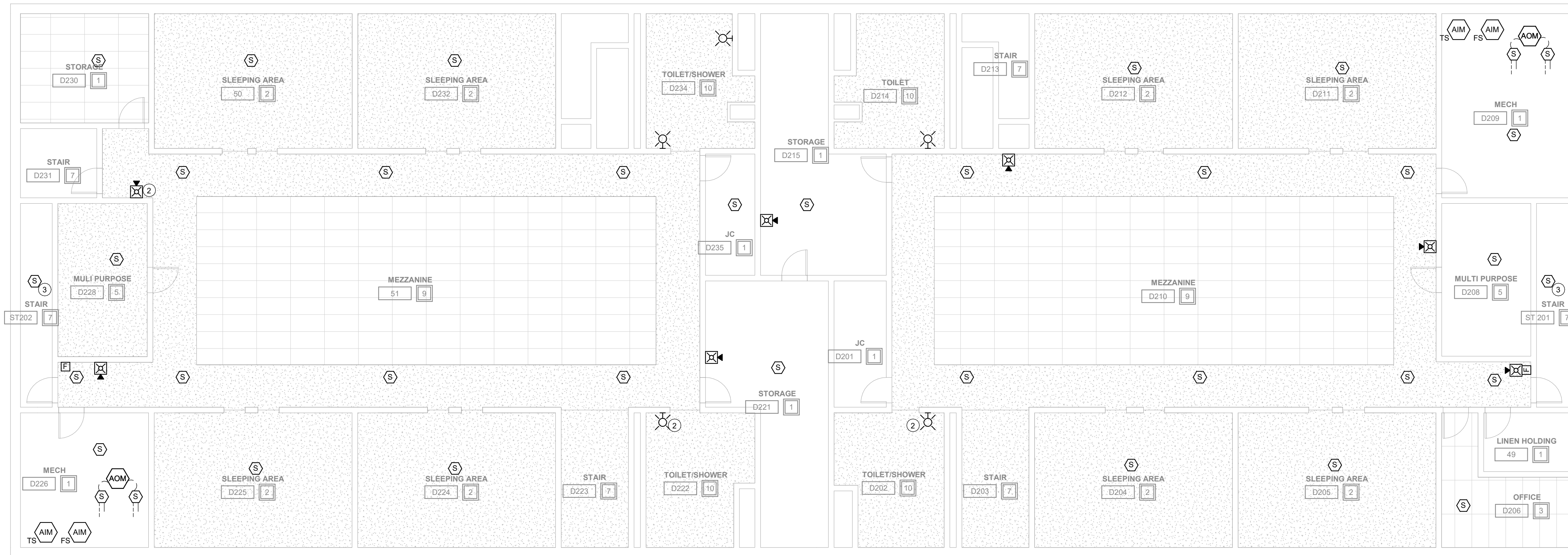
2700 Coral Ridge Ave  
Coralville, Iowa 522241

Project No: 9445.00  
Date: 10/14/2025  
100% CD

Revision	Date

Drawing Name:  
R&S - FIRST FLOOR -  
FIRE DETECTION &  
ALARM PLANS

Drawing #:  
**FA51**



### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
- B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CM/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
- E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
- F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
- G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
- H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

SPACE USE TYPE	I-3 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS REQUIRED.	9 - DAYROOM (CONDITIONS III). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED. (NOT IN SINGLE OFFICE). DETECTION IS NOT REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE). ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS REQUIRED.	11 - TOILETS/LOCKERS (STAFF). ROOMS USED FOR RESTROOM. NOTIFICATION IS NOT REQUIRED.
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED.
6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS REQUIRED.	13 - DAYROOM (CONDITIONS IV-V). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS REQUIRED.	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS REQUIRED.

### KEYNOTES

- 2 INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
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1 SECOND FLOOR CEILING PLAN - R&S BUILDING  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

#	Revision	Date

Drawing Name:  
R&S - SECOND FLOOR  
- FIRE DETECTION &  
ALARM PLANS

Drawing #:

FA52



### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
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- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
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- H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

SPACE USE TYPE [I] - I-3 OCCUPANCY	
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED. DETECTION IS REQUIRED.
2 - CELLS ROOMS USED FOR RESIDENCE/LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS REQUIRED.	9 - DAYROOM (CONDITIONS III) ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED. DETECTION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE) ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS REQUIRED.	10 - LOCKERS (TOILET RESIDENCE) ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED. DETECTION IS REQUIRED.
4 - CONTROL ROOM ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.	11 - TOILETS/LOCKERS (STAFF) ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.
5 - CLASSROOM ROOMS USED FOR TEACHING. NOTIFICATION IS REQUIRED. DETECTION IS REQUIRED.	12 - SHOP SPACE ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.
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### KEYNOTES

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1 FIRST FLOOR CEILING PLAN - T&V BUILDING  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

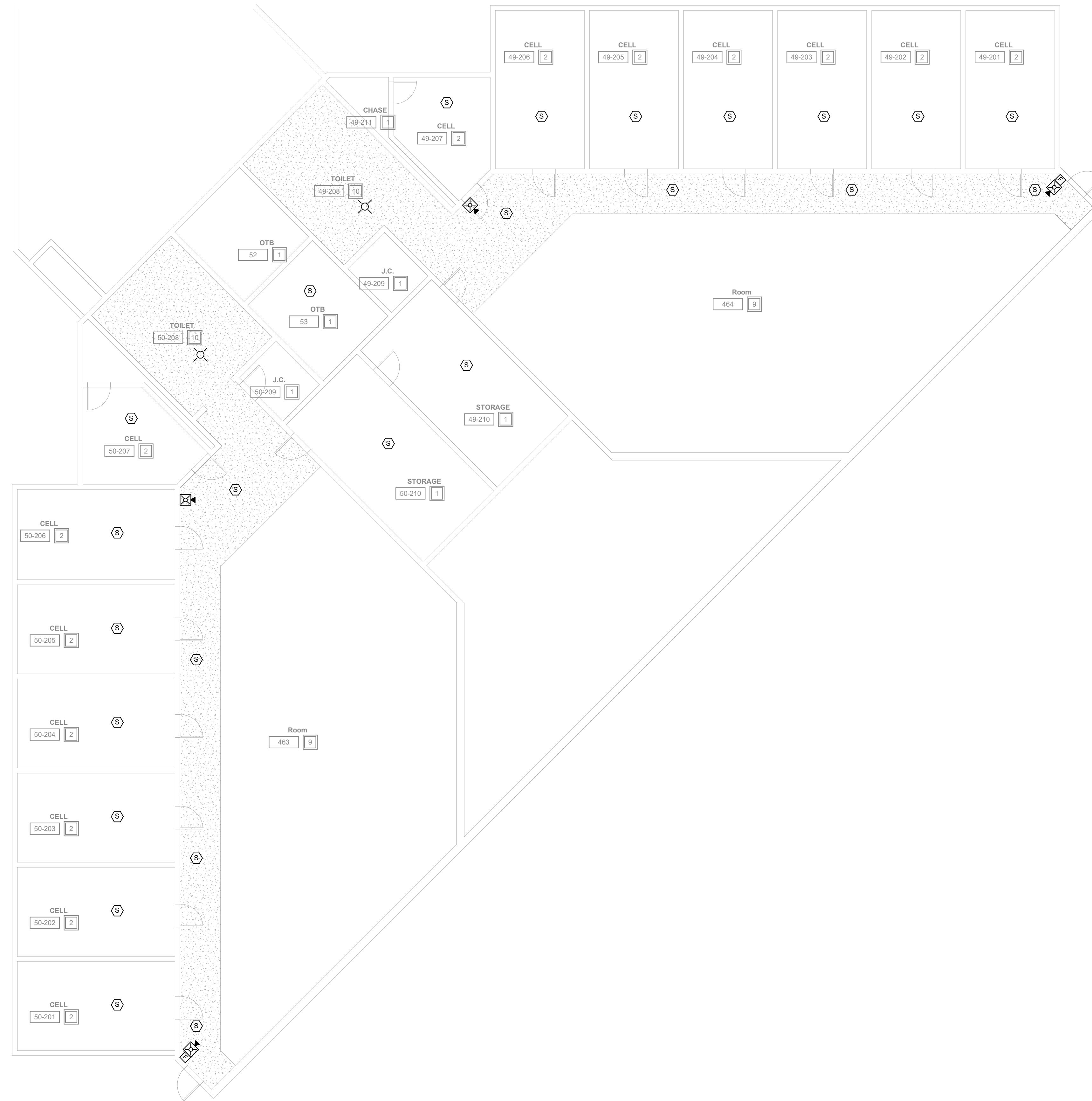
100% CD

#	Revision	Date

Drawing Name:  
T&V - FIRST FLOOR -  
FIRE DETECTION &  
ALARM PLANS

Drawing #:

FA61



### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
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1 SECOND FLOOR CEILING PLAN - T&V BUILDING  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

#	Revision	Date

Drawing Name:  
T&V - SECOND FLOOR  
- FIRE DETECTION &  
ALARM PLANS

Drawing #:

# FA62

### KEYNOTES

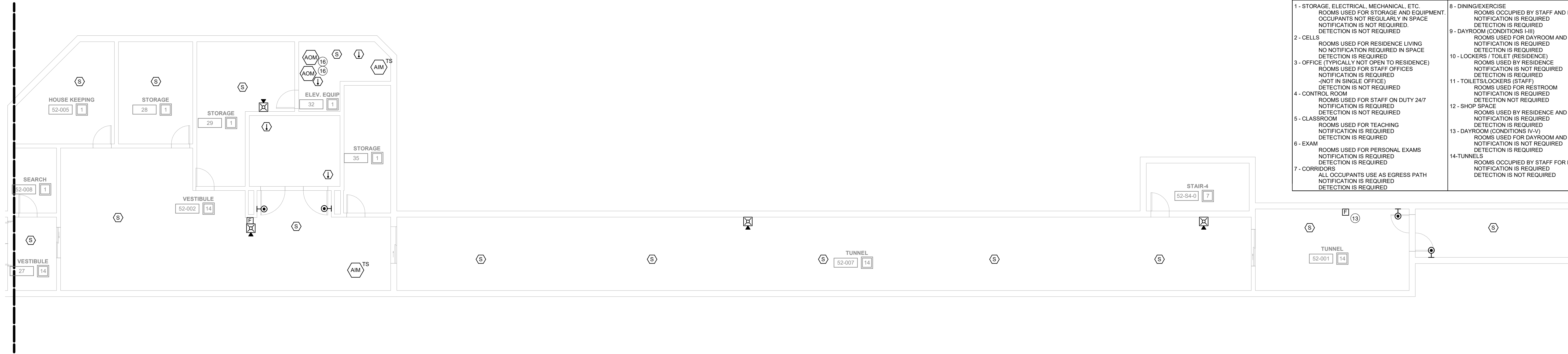
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- 13 INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- 16 REPLACE EXISTING FIRE ALARM MODULE. COORDINATE ELEVATOR DOWNTIME AND INSTALLATION WITH OWNER/CM. VERIFY RECALL IS FUNCTIONING PROPERLY WITH SMOKE DETECTION UPON INSTALLATION COMPLETION TO MEET CODE REQUIREMENTS. REPLACE WITH PRIMARY RECALL, SECONDARY RECALL, AND FIRE HAT.

### FIRE ALARM GENERAL NOTES

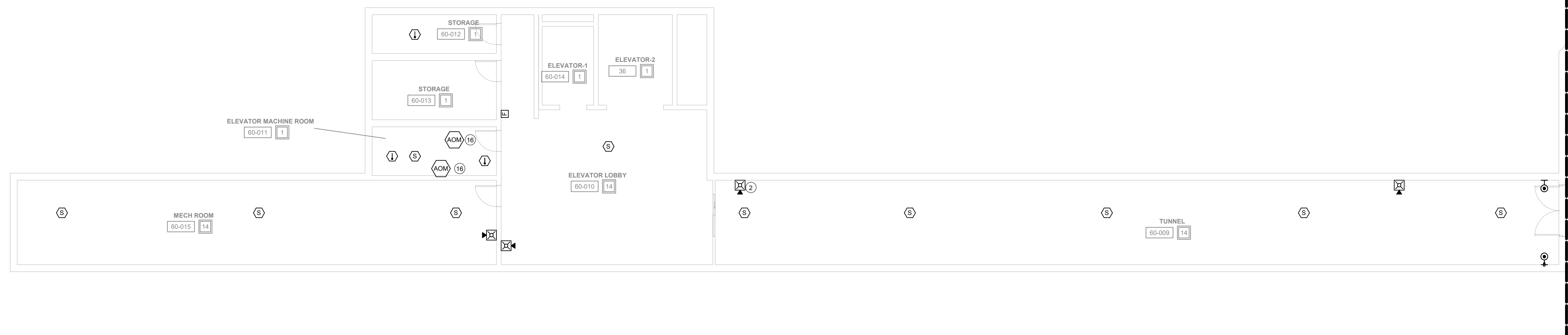
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- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
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- H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

### SPACE USE TYPE [14] - I-3 OCCUPANCY

1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
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1 BASEMENT CEILING PLAN - SNU BUILDING  
1/8" = 1'-0"



2 BASEMENT CEILING PLAN - POWERHOUSE  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision	Date

Drawing Name:  
SNU & POWERHOUSE  
BUILDING - BASEMENT  
- FIRE DETECTION &  
ALARM PLANS

Drawing #:

FA70

PICTURES PROVIDED FOR CONTRACTORS REFERENCE TO THE SPACE AND INSTALLATION METHOD



2 SNU DUCT DETECTORS  
NOT TO SCALE

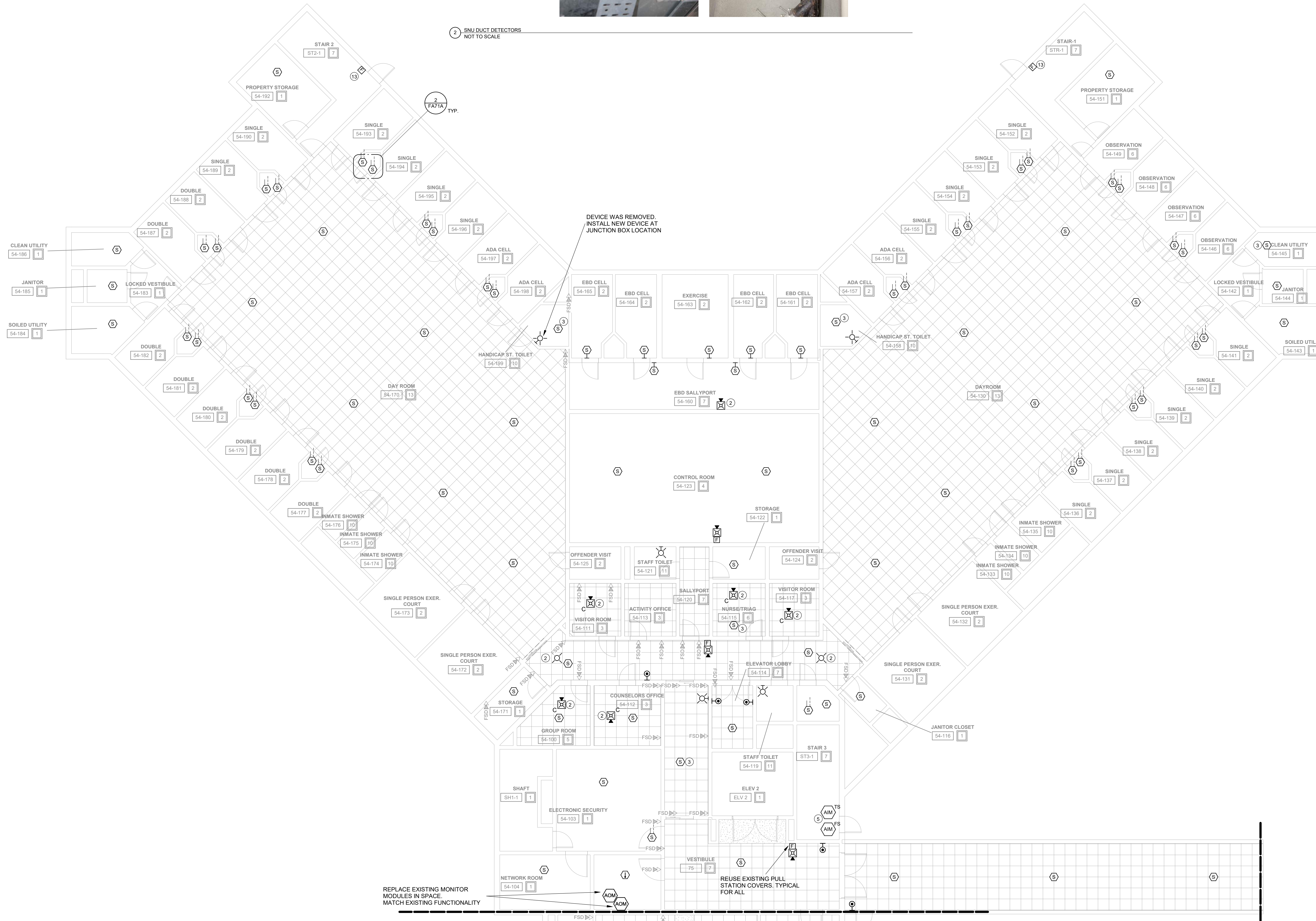
### FIRE ALARM GENERAL NOTES

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### KEYNOTES

- INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- INSTALL NEW DEVICE LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
- EXISTING DELUGE SYSTEM IS IN USE. RECONNECT TO EXISTING SYSTEM AND MATCH EXISTING SEQUENCE OF OPERATION WITH CURRENT SYSTEM.
- INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.



1 FIRST FLOOR CEILING PLAN - SNU - WEST  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

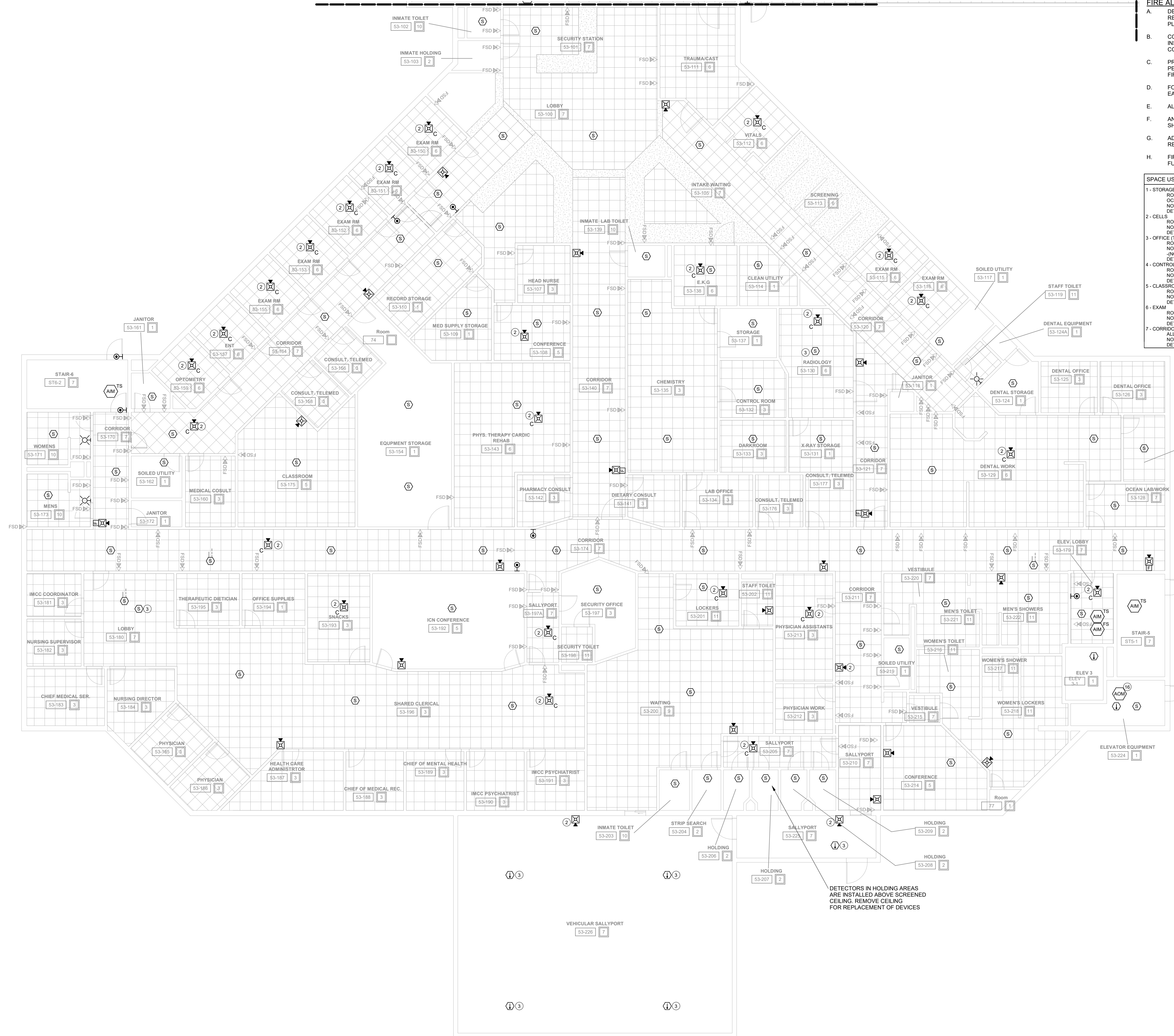
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Revision Date

Drawing Name:  
SNU WEST - FIRST FLOOR WEST - FIRE DETECTION & ALARM PLANS

Drawing #:

# FA71A



- FIRE ALARM GENERAL NOTES**
- DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
  - COORDINATE LOCATION/INSTALLATION OF WORK WITH CMO/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
  - PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
  - FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
  - ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
  - ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
  - ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
  - FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

SPACE USE TYPE	I-3 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS NOT REQUIRED.	9 - DAYROOM (CONDITIONS I-III). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS NOT REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE). ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS NOT REQUIRED.	11 - TOILET/LOCKERS (STAFF). ROOMS USED FOR RESTROOM. NOTIFICATION IS NOT REQUIRED.
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS NOT REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS NOT REQUIRED.
6 - EXAM ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS NOT REQUIRED.	13 - DAYROOM (CONDITIONS I-IV). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS NOT REQUIRED.	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED.

- KEYNOTES**
- INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
  - INSTALL NEW DEVICE LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
  - REPLACE EXISTING FIRE ALARM MODULE. COORDINATE ELEVATOR DOWNTIME AND INSTALLATION WITH OWNER/CM. VERIFY RECALL IS FUNCTIONING PROPERLY WITH SMOKE DETECTION UPON INSTALLATION COMPLETION TO MEET CODE REQUIREMENTS. REPLACE WITH PRIMARY RECALL, SECONDARY RECALL, AND FIRE HAT.
  - DIRTY LAB/WORK

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00  
Date: 10/14/2025  
100% CD

Revision	Date

Drawing Name:  
SNU EAST - FIRST FLOOR - FIRE DETECTION & ALARM PLANS

Drawing #:  
**FA71B**

1 FIRST FLOOR CEILING PLAN - SNU - EAST  
1/8" = 1'-0"

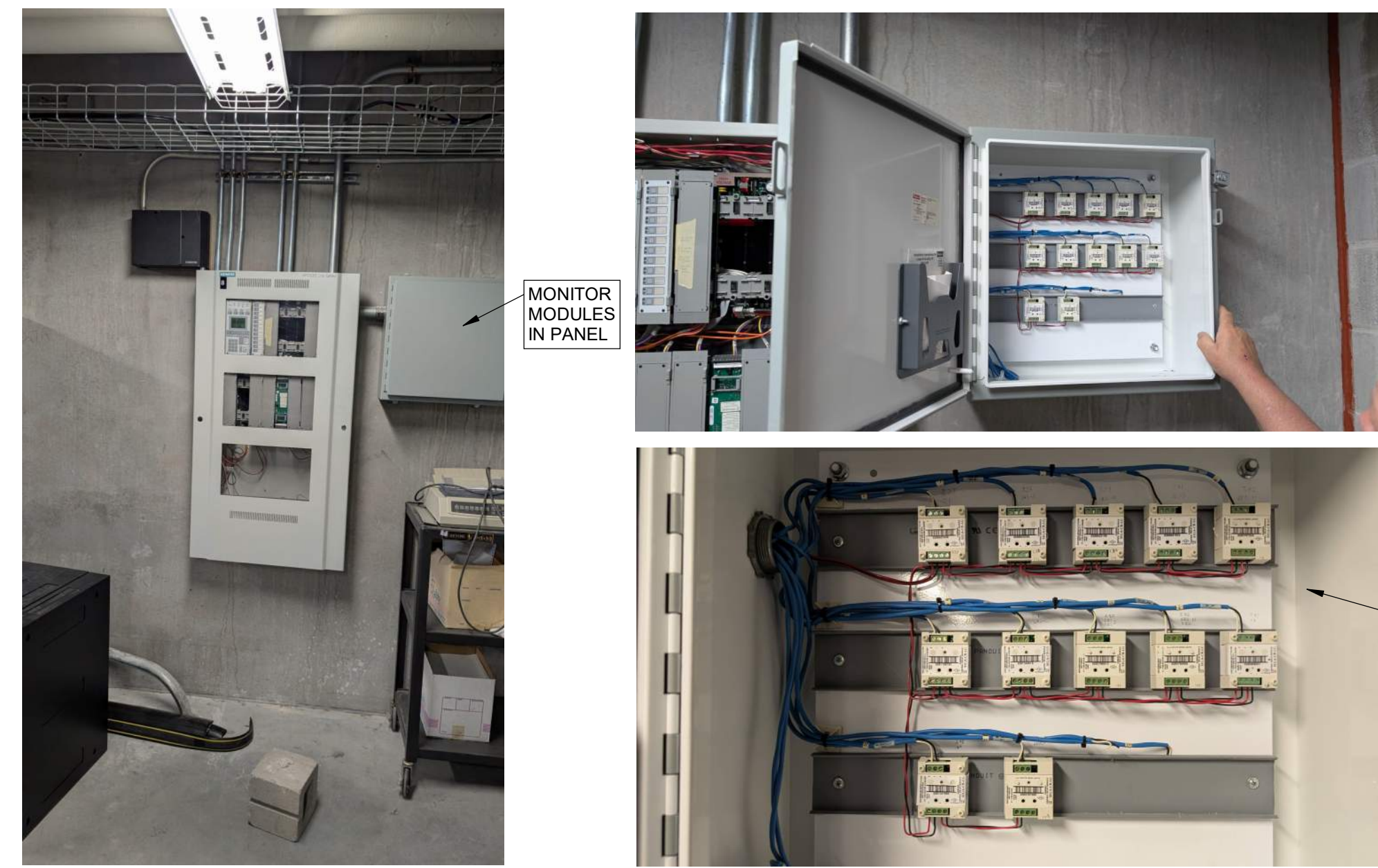
### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
- B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CM/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
- E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
- F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
- G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
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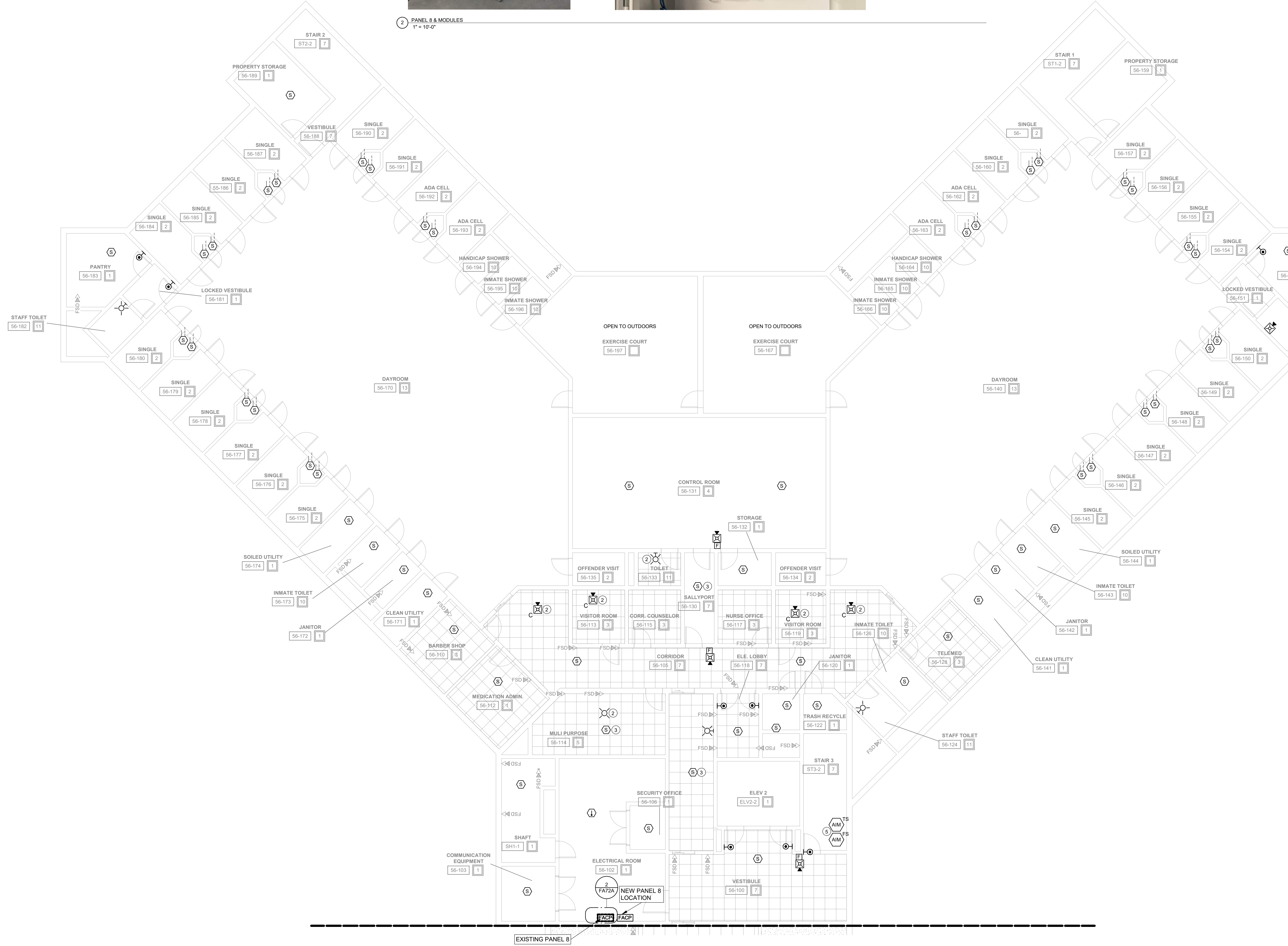
SPACE USE TYPE	#	I-3 OCCUPANCY
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2 - CELLS		ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS NOT REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE)		ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS NOT REQUIRED (NOT IN SINGLE OFFICE).
4 - CONTROL ROOM		ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS NOT REQUIRED.
5 - CLASSROOM		ROOMS USED FOR TEACHING. NOTIFICATION IS NOT REQUIRED.
6 - EXAM		ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS NOT REQUIRED.
7 - CORRIDORS		ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS NOT REQUIRED.
8 - DINING/EXERCISE		ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS NOT REQUIRED.
9 - DAYROOM (CONDITIONS III)		ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
10 - LOCKERS / TOILET RESIDENCE		ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED.
11 - TOILETS/LOCKERS (STAFF)		ROOMS USED FOR RESTROOM. NOTIFICATION IS NOT REQUIRED.
12 - SHOP SPACE		ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS NOT REQUIRED.
13 - DAYROOM (CONDITIONS III-IV)		ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED.
14 - TUNNELS		ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED.

### KEYNOTES

- 1. INSTALL NEW DEVICE LOCATION. EXTEND EXISTING NOTIFICATION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.
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- 3. EXISTING DELUGE SYSTEM IS IN USE. RECONNECT TO EXISTING SYSTEM AND MATCH EXISTING SEQUENCE OF OPERATION WITH CURRENT SYSTEM.



2 PANEL 8 & MODULES  
1" = 10'-0"



1 SECOND FLOOR CEILING PLAN - SNU BUILDING - WEST  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00  
Date: 10/14/2025  
100% CD

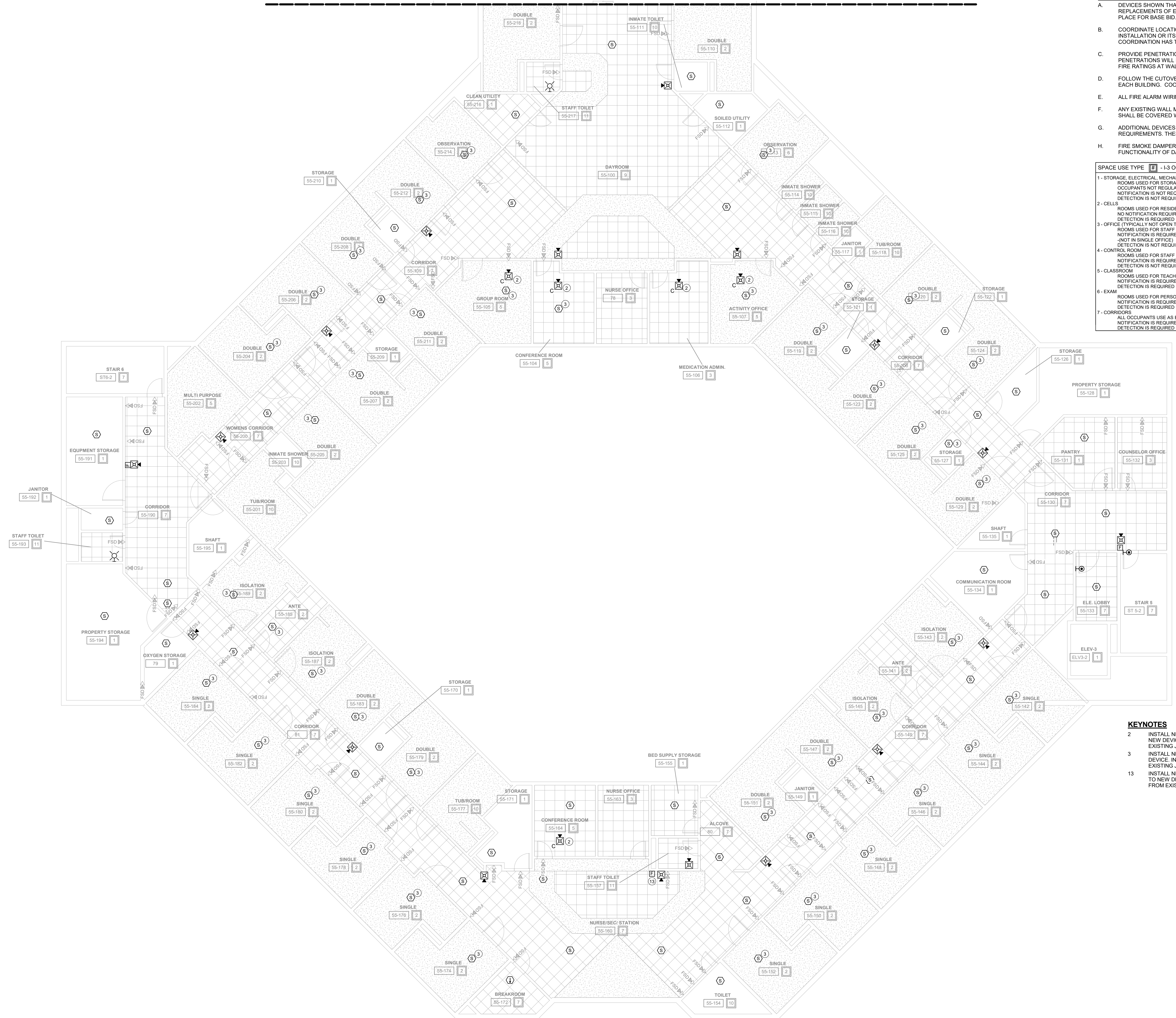
Drawing Name:  
SNU WEST - SECOND FLOOR - FIRE DETECTION & ALARM PLANS

Drawing #:  
FA72A

### FIRE ALARM GENERAL NOTES

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SPACE USE TYPE [I] - I-3 OCCUPANCY	
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT OCCUPANTS NOT REGULARLY IN SPACE. NOTIFICATION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED.
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- INSTALL NEW PULL STATION LOCATION. EXTEND EXISTING DETECTION CIRCUIT TO NEW DEVICE. INSTALL NEW CABLING IN 1/2" EMT CONDUIT ABOVE CEILING FROM EXISTING JUNCTION BOX TO NEW DEVICE LOCATION.

1 SECOND FLOOR CEILING PLAN - SNU BUILDING - EAST  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision	Date

Drawing Name:  
SNU EAST - SECOND FLOOR - FIRE DETECTION & ALARM PLANS

Drawing #:

# FA72B

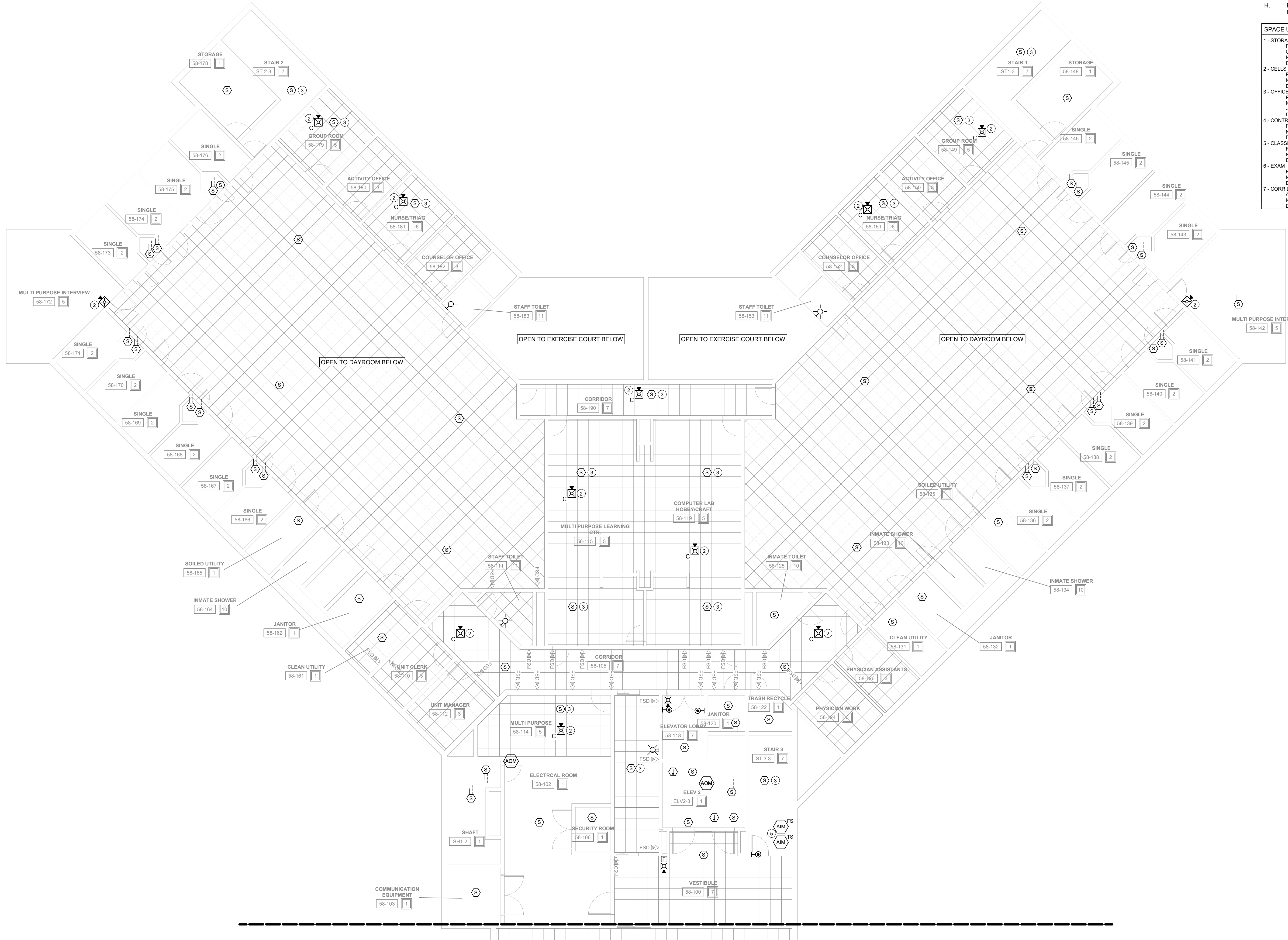
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SPACE USE TYPE [U] - I-3 OCCUPANCY	
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6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.	13 - DAYROOM (CONDITIONS IV-V). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.
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1 THIRD FLOOR CEILING PLAN - SNU BUILDING - WEST  
1/8" = 1'-0"

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision Date

Drawing Name:  
SNU WEST -THIRD  
FLOOR - FIRE  
DETECTION & ALARM  
PLANS

Drawing #:

# FA73A

## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 522241

Project No: 9445.00

Date: 10/14/2025

100% CD

Revision	Date

Drawing Name:  
SNU EAST -THIRD FLOOR & PENTHOUSE- FIRE DETECTION & ALARM PLANS

Drawing #:

### FA73B

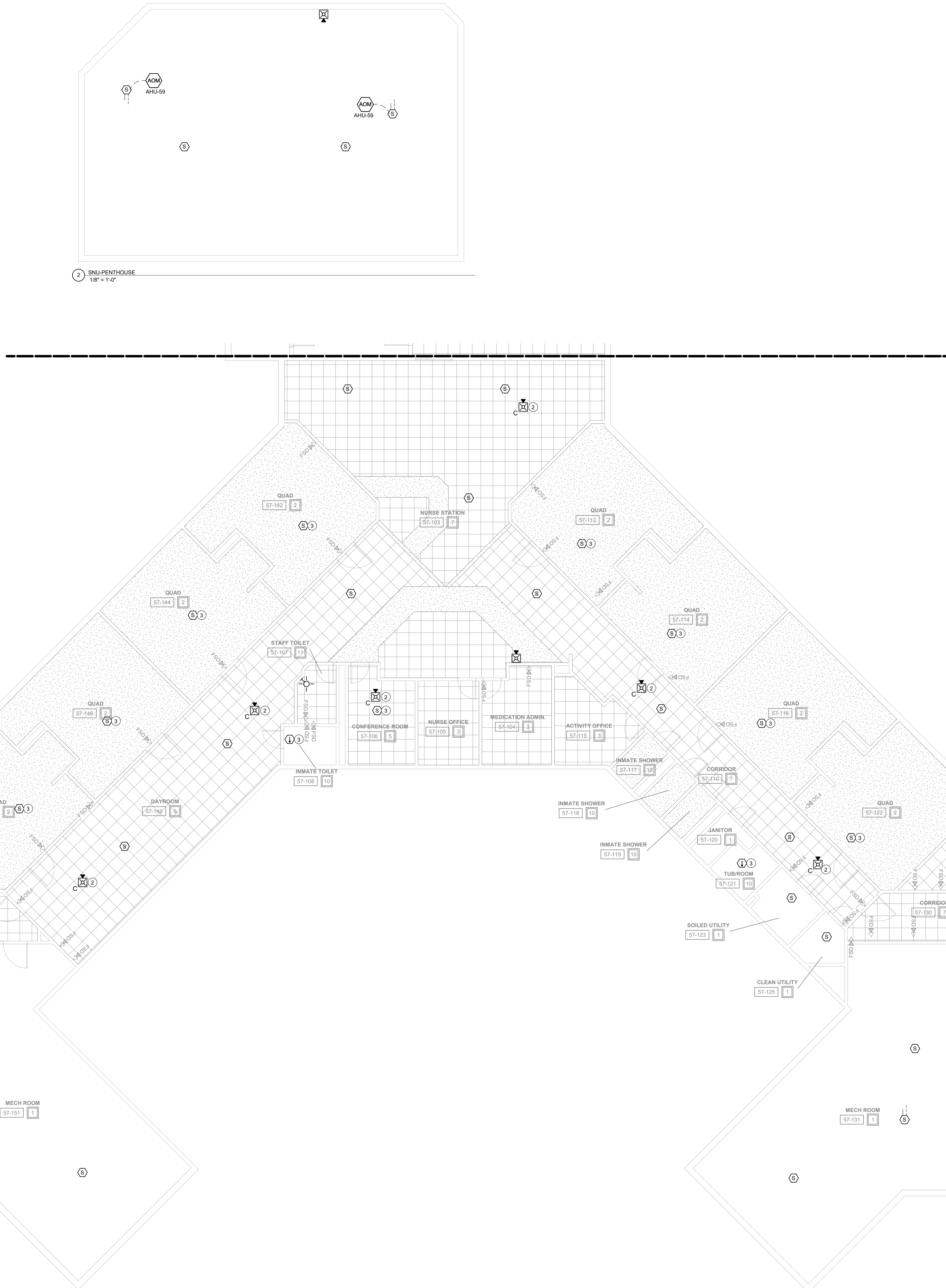
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SPACE USE TYPE	#1 - I-3 OCCUPANCY	#8 - DINING/EXERCISE
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1 THIRD FLOOR CEILING PLAN - SNU BUILDING - EAST  
1/8" = 1'-0"

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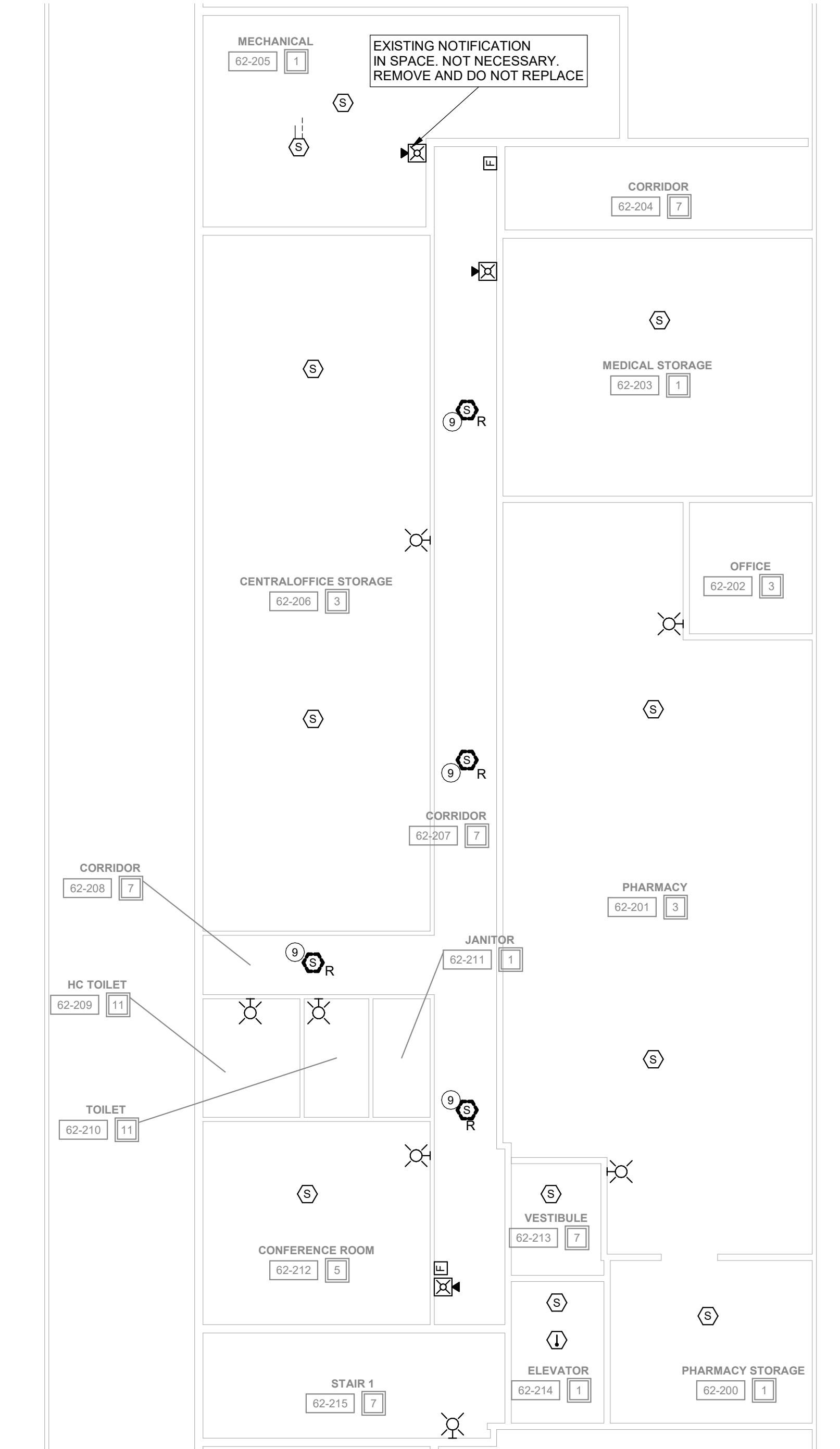
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SPACE USE TYPE	B - OCCUPANCY
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6 - N/A	
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9 - N/A	
10 - N/A	
11 - TOILETS/LOCKERS (STAFF)	ROOMS USED FOR RESTROOM. NOTIFICATION IS REQUIRED. DETECTION NOT REQUIRED.
12 - SHOP SPACE	ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.
13 - N/A	
14 - TUNNELS	ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.

### KEYNOTES

- 9 DETECTION NOT REQUIRED IN CORRIDORS AND OFFICES IN A STORAGE OCCUPANCY. REMOVE EXISTING DETECTORS IN THESE SPACES OF THE POWERHOUSE BUILDING AND DO NOT REINSTALL NEW.



1 SECOND FLOOR CEILING PLAN - POWERHOUSE BUILDING  
1/8" = 1'-0"

Project No: 9445.00

Date: 10/14/2025

100% CD

#	Revision	Date

Drawing Name:  
POWERHOUSE -  
SECOND FLOOR - FIRE  
DETECTION & ALARM  
PLANS

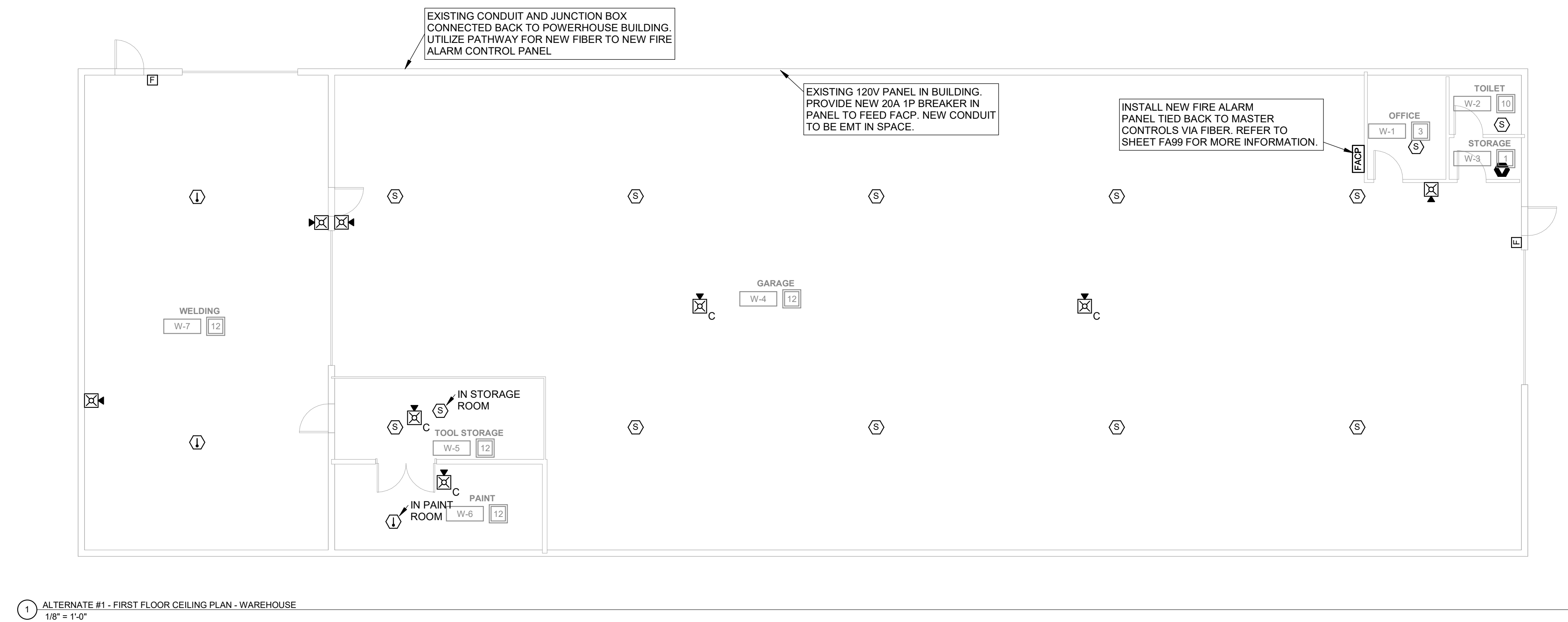
Drawing #:

FA82

### FIRE ALARM GENERAL NOTES

- A. DEVICES SHOWN THAT ARE NOT SPECIFICALLY NOTED ARE TO BE ONE FOR ONE REPLACEMENTS OF EXISTING DEVICES. NEW DEVICES WILL REUSE EXISTING CONDUCTORS IN PLACE FOR BASE BID.
- B. COORDINATE LOCATION/INSTALLATION OF WORK WITH CM/OWNER. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION HAS TRANSPIRED.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. ALL PENETRATIONS WILL REQUIRE FIRE CAULKING. REFER TO OCCUPANCY PLAN FOR ADDITIONAL FIRE RATINGS AT WALLS.
- D. FOLLOW THE CUTOVER PLAN IN ORDER TO ACHIEVE THE OWNER'S REQUIRED UPTIME OF EACH BUILDING. COORDINATE AND SCHEDULE ALL DOWNTIME WITH OWNER AND CM.
- E. ALL FIRE ALARM WIRING IS TO BE RUN IN CONDUIT. FREE AIR WIRING IS NOT ALLOWED.
- F. ANY EXISTING WALL MOUNTED DEVICE BOXES NOT BEING REPLACED WITH NEW DEVICES SHALL BE COVERED WITH A NEW COVERPLATE.
- G. ADDITIONAL DEVICES NOT REQUIRED PER CODE ARE INCLUDED TO MEET THE OWNER REQUIREMENTS. THESE DEVICES ARE TO BE INSTALLED AS SHOWN ON FLOOR PLANS.
- H. FIRE SMOKE DAMPERS ARE SHOWN FOR TESTING PURPOSES ONLY. TEST & VERIFY FUNCTIONALITY OF DAMPERS. ALL FIRE SMOKE DAMPERS ARE EXISTING TO REMAIN.

SPACE USE TYPE	I-3 OCCUPANCY
1 - STORAGE, ELECTRICAL, MECHANICAL, ETC. ROOMS USED FOR STORAGE AND EQUIPMENT. OCCUPANTS NOT REGULARLY IN SPACE. DETECTION IS NOT REQUIRED.	8 - DINING/EXERCISE ROOMS OCCUPIED BY STAFF AND RESIDENCE. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.
2 - CELLS. ROOMS USED FOR RESIDENCE LIVING. NO NOTIFICATION REQUIRED IN SPACE. DETECTION IS NOT REQUIRED.	9 - DAYROOM (CONDITIONS III). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS REQUIRED. DETECTION IS NOT REQUIRED.
3 - OFFICE (TYPICALLY NOT OPEN TO RESIDENCE). ROOMS USED FOR STAFF OFFICES. NOTIFICATION IS NOT REQUIRED. (NOT IN SINGLE OFFICE). DETECTION IS NOT REQUIRED.	10 - LOCKERS / TOILET (RESIDENCE). ROOMS USED BY RESIDENCE. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.
4 - CONTROL ROOM. ROOMS USED FOR STAFF ON DUTY 24/7. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.	11 - TOILETS/LOCKERS (STAFF). ROOMS USED FOR RESTROOM. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.
5 - CLASSROOM. ROOMS USED FOR TEACHING. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.	12 - SHOP SPACE. ROOMS USED BY RESIDENCE AND OCCASIONAL STAFF. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.
6 - EXAM. ROOMS USED FOR PERSONAL EXAMS. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.	13 - DAYROOM (CONDITIONS IV-V). ROOMS USED FOR DAYROOM AND ROAMING STAFF. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.
7 - CORRIDORS. ALL OCCUPANTS USE AS EGRESS PATH. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.	14 - TUNNELS. ROOMS OCCUPIED BY STAFF FOR PATHWAY. NOTIFICATION IS NOT REQUIRED. DETECTION IS NOT REQUIRED.



## DAS IMCC FIRE ALARM REPLACEMENT

2700 Coral Ridge Ave  
Coralville, Iowa 52224

Project No: 9445.00

Date: 10/14/2025

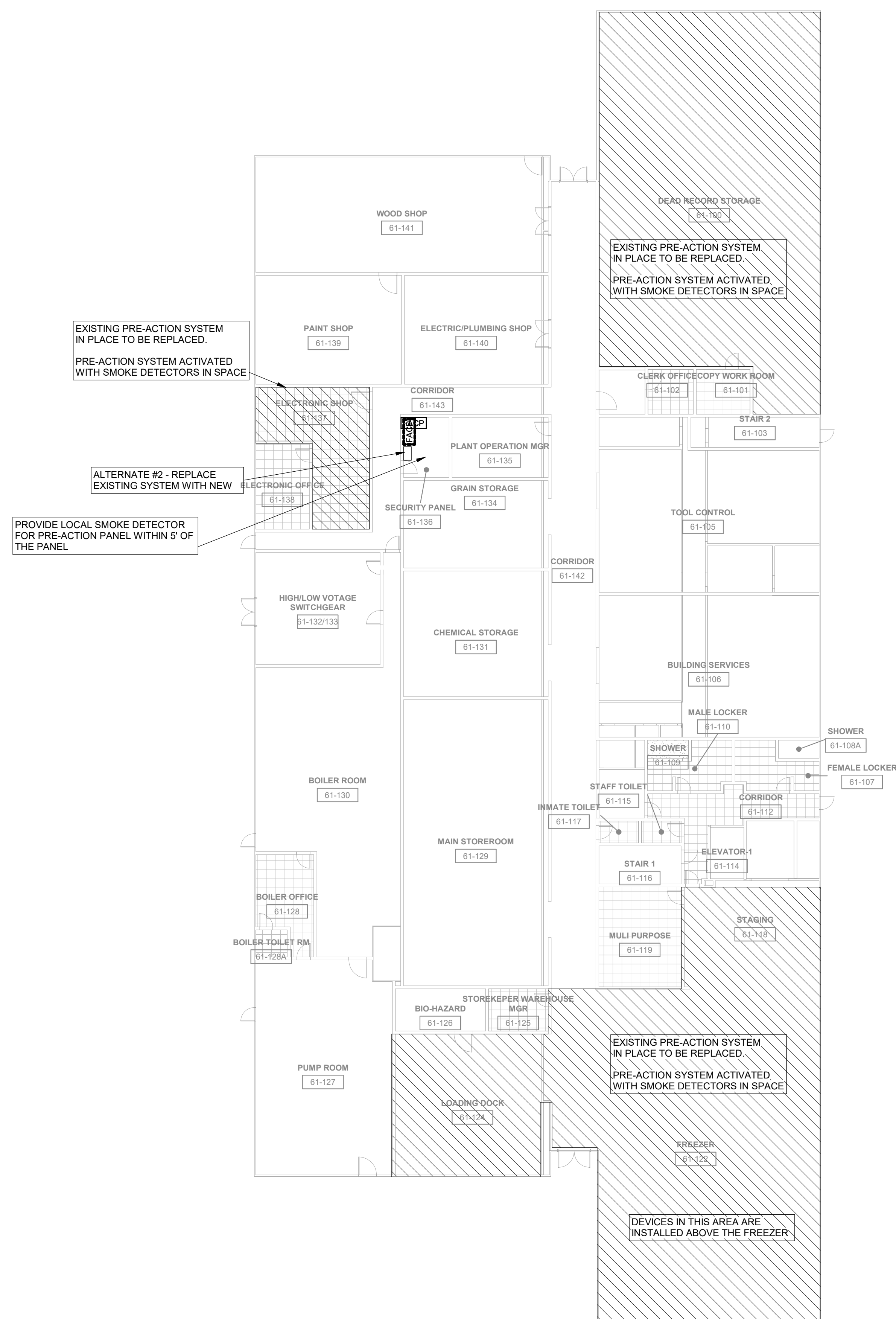
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#	Revision	Date

Drawing Name:  
ALTERNATE #1 -  
WAREHOUSE - FIRST  
FLOOR - FIRE  
DETECTION & ALARM  
PLANS

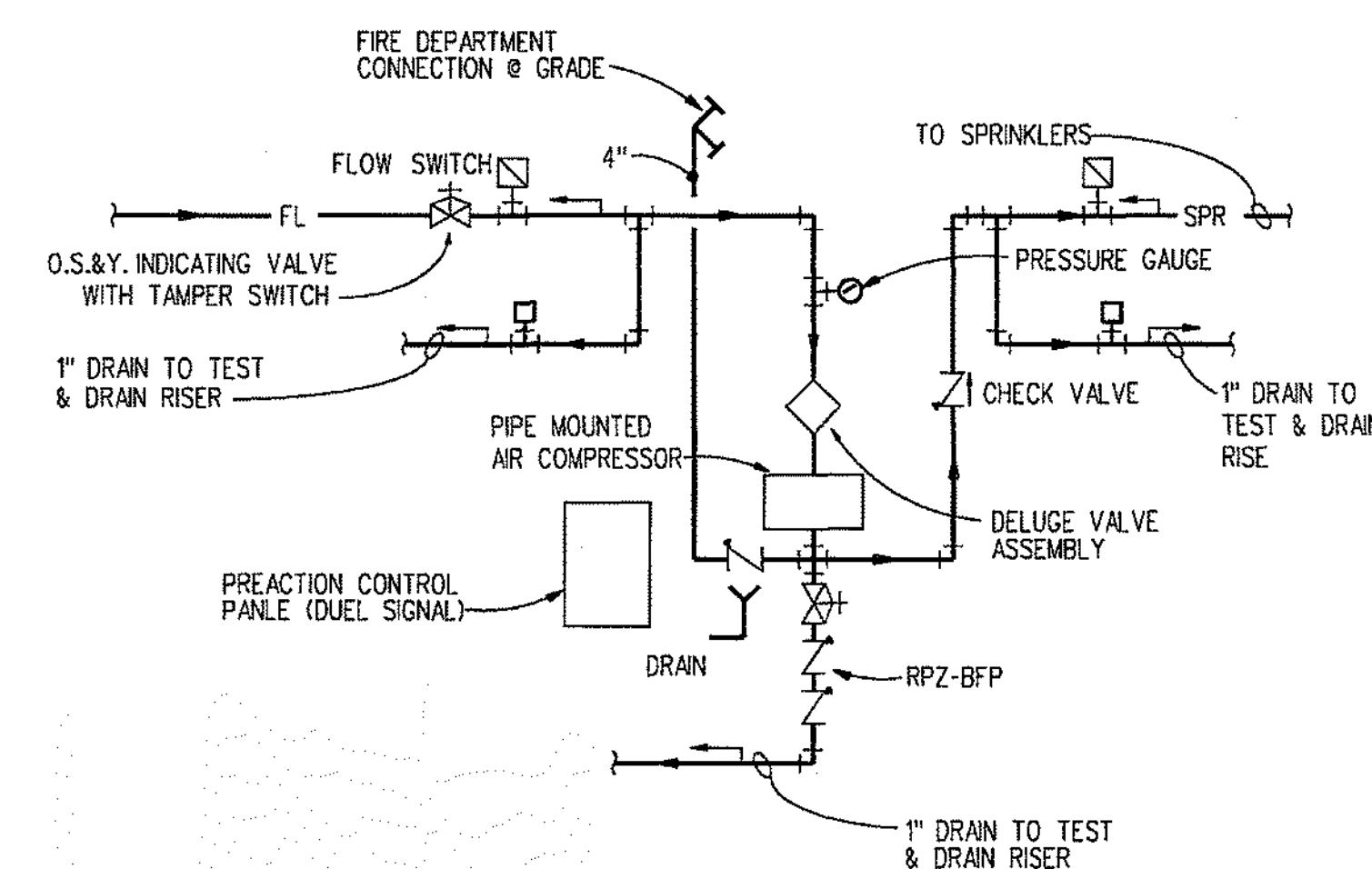
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1 ALTERNATE #2 - FIRST FLOOR CEILING PLAN - POWERHOUSE BUILDING WEST  
1/16" = 1'-0"

PRE-ACTION SYSTEM DIAGRAM PROVIDED FOR REFERENCE TO EXISTING SYSTEM INTEGRATION



PRE-ACTION FIRE PROTECTION PIPING SCHEMATIC  
NO SCALE

**PRE-ACTION GENERAL NOTES:**

1. PRE-ACTION SYSTEM REPLACEMENT SHALL BE BID AS ADD ALTERNATE #2.
2. ADDITIONAL FIRE ALARM DEVICES AND SYSTEM INTEGRATION MAY BE INCLUDED AND PROVIDED BY THE CONTRACTOR AS A SUITABLE ALTERNATIVE TO THE PRE-ACTION SYSTEM AND DETECTION.
3. EXISTING CONDUIT AND PATHWAYS CAN BE REUSED. NEW WIRING AND DEVICES ARE NECESSARY.

**DAS IMCC FIRE ALARM REPLACEMENT**  
 2700 Coral Ridge Ave  
 Coralville, Iowa 522241

Project No: 9445.00

Date: 10/14/2025

100% CD

#	Revision	Date

Drawing Name:  
ALTERNATE #2 -  
POWERHOUSE #2 - FIRST  
FLOOR - PRE-ACTION

Drawing #:

**FA92**

