

ADDENDUM #1



Date: 12-10-2024

Project: NCYF Fire Alarm Replacement

Addendum No.: 1

AES Project No.: 24099

All work shall be in accordance with the terms, stipulations, and conditions of the original contract.

General Items

1. See attached pre-bid sign in sheet.

Clarification and Questions and Answers

1. Graphic Annunciator:
 - a. Onyxworks Workstation has 6 MB of Cach, 16 GB of RAM and a 240 GB solid-state hard drive. Is this acceptable in lieu of the 1 terabyte hard drive specified?
Response: Provide as Specified.
 - b. Monitor options are 24" and 43" or a 43" touchscreen – Spec'd 27" is not available. Please specify which monitor is desired.
Response: 24" is acceptable.
2. Spec. section 1.06, E. Adjustment in detectors or alarm devices will be considered equal in valve thus devices will be considered equal in value thus allowing a heat detector to replace a smoke detector and vice versa; likewise, A or A/V or V devices shall be interchangeable without cost.
 - a. Prices vary any changes deemed necessary will be at additional cost.
Response: Fire alarm design is performance based. The drawings and specifications represent the design intent of the project. It is the contractors responsibility to provide a system that will meet the minimum requirements posed by the fire marshal. The prebid walk throughs and addenda are intended to be the bidders opportunity to ask questions and get a feel for the site to get their best and most accurate bids based on site verifications as well.
3. Are surface backboxes required throughout? It is mentioned in the specifications, but none are indicated on the drawings.
Response: Surface back boxes will be required where the existing recessed box cannot be reused.
4. Wire guards are mentioned in the specifications, but none are indicated on the drawings. Are there any required wire guards?
Response: Wire guards are identified on devices with "WG". They are required where they currently are. Existing wire guards can be reused.
5. It is noted that the drawings are largely schematic in nature and shall be adapted to actual site conditions and owner's requirements at no cost.
 - a. Contractor will not be liable for needed changes and change orders will be issued. Any devices needed and not shown will be at additional cost.
 - i. Examples
 1. It is noted that not all sprinkler devices are shown. Additional monitor modules will be at additional costs.
 2. It is noted to replace all existing duct detectors. If not shown on the plans these will be at additional costs.
 3. Any additional devices deemed necessary by the AHJ will be at additional costs.

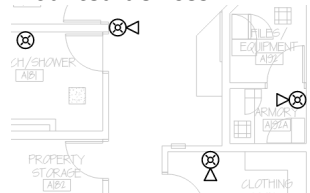
Response: Fire alarm design is performance based. The drawings and specifications represent the design intent of the project. It is the contractors responsibility to provide a system that will meet the minimum requirements posed by the fire marshal. The prebid walk throughs and addenda are intended to be the bidders opportunity to ask questions and get a feel for the site to get their best and most accurate bids based on site verifications as well.

6. Documentation of the existing fiber network is not the responsibility of contractor. If wanted on final drawings the owner will be responsible for providing additional information.

Response: Contractor to provide updated fiber network as builts, ie routing between buildings and network switches.

7. Drawing clarifications:

- a. Shown as ceiling mounted devices on the legend but up against the wall. Are these to be wall mounted devices?



Response: New devices are shown ceiling mount to allow for easier installation of new system while existing is operating. Wall or ceiling are acceptable, as long as coverage is maintained and devices are equal or greater height of existing.

- b. Smoke detection is shown located outside each cell door. Should those devices be removed and the smoke detectors located in the chases between the cells?

Response: Chases between cells are not easily accessible, so detection shall remain per existing installation.

8. Is there going to be an addendum that comes out and explains what needs to be done for buildings B,C,D,F and G in terms of a fire alarm panel? You discussed with me on the walk that you didn't want a panel as shown on the drawings.

Response: See updated sheet E1.01 for new location of centralized panel for the housing units.

9. Also Building E are we to figure demoing the concrete floor and building a chase wall for the 4" conduit or do we even need this for the fiber to between buildings?

Response: We need a fiber backbone between buildings; please include.

10. Need some clarification on how the buildings need to communicate. Please advise.

Response: See Fiber Network Diagram on sheet E2.00.

Sheet ED1.00 Building A Demolition Floor Plan – Fire Alarm

1. Removed tamper control device and flow switch and corresponding note.

Sheet ED1.01 Building B, C, & D Floor Plan – Fire Alarm

1. Fixed the title to include Building D.

Sheet E1.00 Building A Floor Plan – Fire Alarm



1. Removed tamper control device and flow switch.

Sheet E1.01 Building B, C, & D Floor Plan – Fire Alarm

2. Fixed the title to include Building D.
3. Removed new fire alarm control panels (FACP) and their corresponding new smoke detector from each inmate housing unit.
4. Put new FACP for all inmate housing in central hall area. Added smoke detector for the FACP. Changed note.
5. Removed Note 1.

Sheet E1.02 Building E, F & G Floor Plan – Fire Alarm

1. Clarified all conduits to be routed inside through slab to below grade, then to building or manhole as required (no conduits exposed exterior to buildings).

Sheet E2.00 Fire Alarm Riser Diagram & Details

1. Updated Fiber Network Architecture Diagram with panel locations.
2. Removed FACP in BLDG C and D.

SIGN-IN SHEET



NCYF Fire Alarm Replacement Pre-Bid meeting

Date 12/03/2024 Time 10:00am

Name (Please Print)	Representing	Contact Information
JERAL BEAN	DCS/Eng	Phone #: 402-479-5745 Email:
REBECCA FURTAO	AES	Phone #: 531-249-5202 Email: REBECCA.FURTAO@A-E-SYS.COM
GARY ROUDEBUSH	NCYF Maintenance	Phone #: 402 540 1137 Email: gary.roudebush@nebraska.gov
Jessie Whitlock	NCYF	Phone #: 402-522-8620 Email: Jessie.Whitlock@nebraska.gov
Jed Lirnges	NCYF	Phone #: 402-335-0647 Email: jed.lirnges@nebraska.gov
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NEBRASKA CORRECTIONAL YOUTH FACILITY FIRE ALARM REPLACEMENT

2610 North 20th ST.,
Omaha, Nebraska 68110

Construction Documents November 08, 2024

DCS PROJECT # 2425A

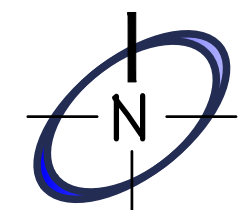
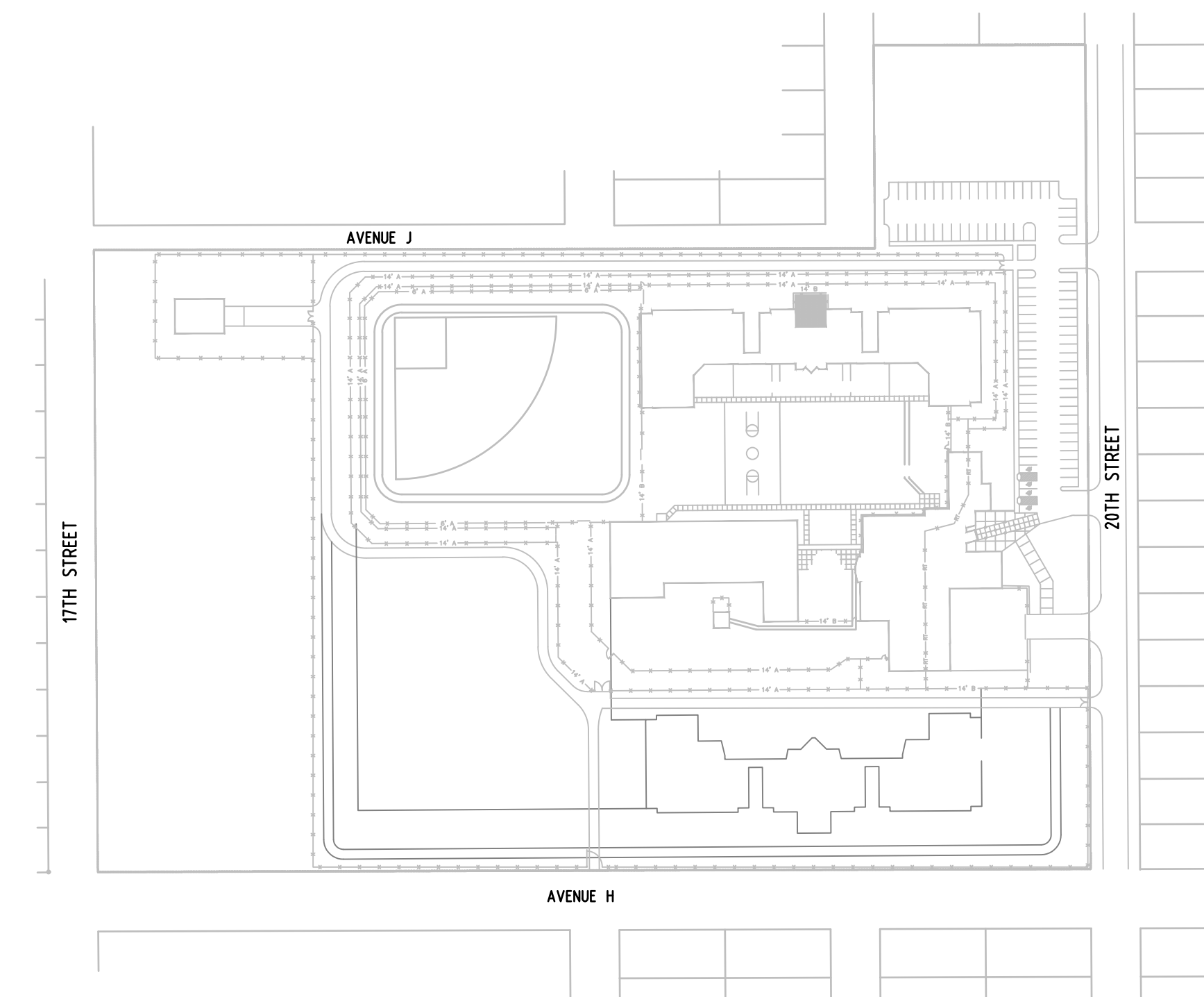
SHEET SCHEDULES

T0.00	COVER SHEET - LOCATIONS & SEALS
T1.00	COVER SHEET - PHASING SCHEDULE

ELECTRICAL

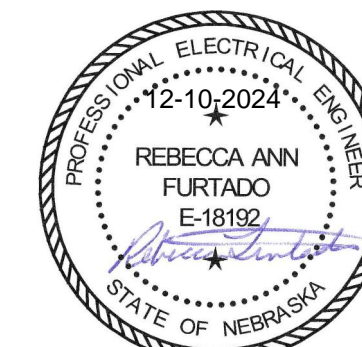
E0.00	ELECTRICAL SYMBOLS & GENERAL NOTES
ED1.01	BUILDING A DEMOLITION FLOOR PLAN - FIRE ALARM
ED1.02	BUILDING B, C, & D DEMOLITION FLOOR PLAN - FIRE ALARM
ED1.03	BUILDINGS E, F & G DEMOLITION FLOOR PLAN - FIRE ALARM
E0.01	SITE FIBER PLAN
E1.01	BUILDING A FLOOR PLAN - FIRE ALARM
E1.02	BUILDING B, C, & D FLOOR PLAN - FIRE ALARM
E1.03	BUILDINGS E, F & G FLOOR PLAN - FIRE ALARM
E2.00	FIRE ALARM RISER DIAGRAM & FIBER DETAILS

PROJECT LOCATION



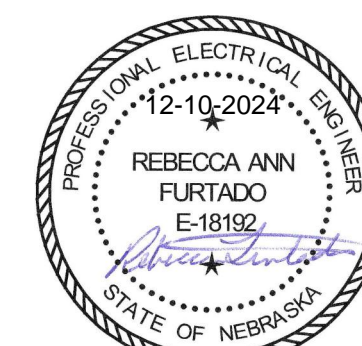
PROFESSIONAL SEALS

COORDINATING PROFESSIONAL

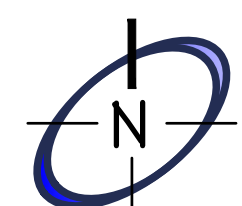
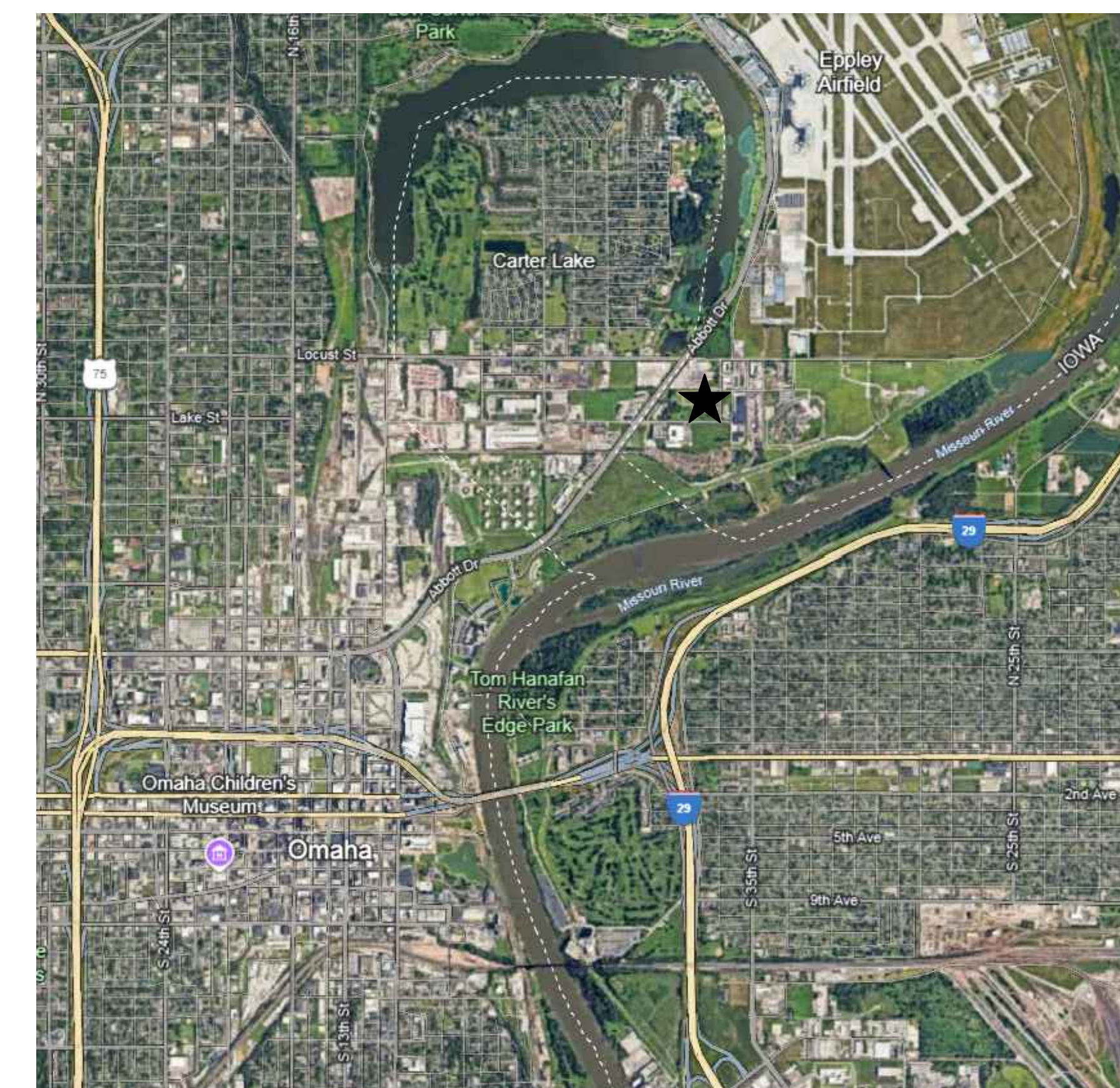


I, REBECCA FURTADO,
AM THE COORDINATING
PROFESSIONAL ON THE
NCYF FIRE ALARM
UPGRADE PROJECT

ELECTRICAL



VICINITY LOCATION



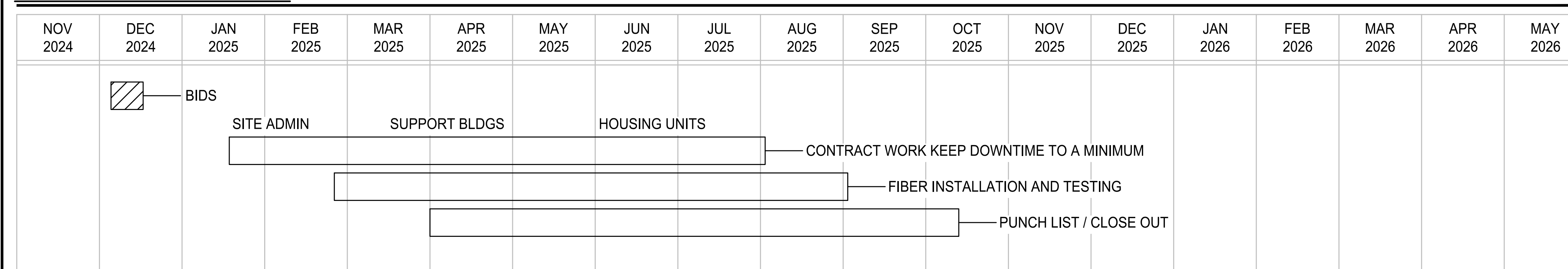
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Construction Documents November 08, 2024

DCS PROJECT # 2425A

PHASING SCHEDULE



NOTE:

ALL CONTRACTORS AND SUB-CONTRACTORS BEFORE BIDDING SHALL READ AND REVIEW ALL SHEETS FOR THE EXTENTS OF THEIR RESPECTIVE WORK. EACH CONTRACTORS WORK MAY SHOW UP ON SHEETS OTHER THAN THEIR NAMED SHEETS. THIS PROJECT CONTAINS A SPECIFICATION BOOK. ALL CONTRACTORS ARE RESPONSIBLE FOR MEETING ALL REQUIREMENT OUTLINED.

NOTE:

NORMAL OPERATING TIMES AT THIS FACILITY ARE FROM 7:00 AM TO 5:00 PM MONDAY THROUGH FRIDAY. GENERAL CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH OWNER AT WEEKLY MEETINGS DURING THE ENTIRE CONSTRUCTION PERIOD. ALL WORK SHALL BE COORDINATED WITH THE FACILITY DIRECTOR AT LEAST 1 WEEK PRIOR TO COMMENCING ACTIVITY IN ANY PARTICULAR AREA.

- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING INFORMATION ON ALL CONTRACTORS AND SUB-CONTRACTOR (INFORMATION TO INCLUDE BUT NOT LIMITED TO: NAME, ADDRESS, AND DATE OF BIRTH) TO THE NEBRASKA STATE PATROL FOR BACKGROUND CHECK. GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY APPLICABLE FEE FOR BACKGROUND CHECK. GENERAL CONTRACTOR IS TO PROVIDE OWNER WITH STATE PATROL'S REPORT LISTING CONTRACTORS WHO HAVE PASSED THE BACKGROUND CHECK.
- THIS IS A TOBACCO FREE FACILITY. CONSTRUCTION PROJECT EMPLOYEES MAY USE TOBACCO PRODUCTS ONLY IN THE DESIGNATED AREAS.
- CONTRACTOR IS RESPONSIBLE FOR PROPER NOTIFICATION OF WORK THAT MAY AFFECT THE BUILDING OCCUPANTS; WORK INCLUDES, BUT NOT LIMITED TO, TEMPORARY BLOCKAGE OF EGRESS AND EXITS, DEACTIVATION OF FIRE ALARM AND/OR FIRE SUPPRESSION SYSTEM, OR ANY UTILITY INTERRUPTION.
- ALL VEHICLES, TOOLS, AND EQUIPMENT ARE TO REMAIN SECURE AT ALL TIMES AND IS THE RESPONSIBILITY OF THE CONTRACTOR. PLAN INDICATES AREA THAT CAN BE USED AS STAGING AREA FOR CONTRACTORS.
- CONTRACTOR IS RESPONSIBLE FOR INFORMING OWNER VIA HOT WORK (WELDING, BRAZING, SOLDERING) PERMIT OF ALL HOT WORK BEING PERFORMED.
- CONTRACTOR IS RESPONSIBLE FOR FILLING OUT AND FILING ALL REQUIRED PERMITS AND PAPERWORK.
- SYSTEM SHUT DOWNS SHALL BE COORDINATED WITH THE OWNER A MINIMUM 1 WEEK PRIOR TO ACTUAL SHUT DOWN. SHUTDOWNS WILL BE WEATHER DEPENDANT. SHUT DOWN AT THE END OF EACH PHASE SHALL BE AS SHORT AS POSSIBLE TO A MAXIMUM OF 2 DAYS. ALL EFFORTS SHALL BE MADE TO REDUCE THE LENGTH OF THE SHUTDOWN.
- CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY CONDITIONS FOR EXACT SIZES AND LOCATIONS, ALL EXISTING CONDITIONS ARE SHOWN BASED ON VISIBLE EXISTING CONDITIONS AND ORIGINAL DESIGN DRAWINGS.
- CONTRACTORS WILL BE GIVEN ONE WEEK TO REPLACE THE FIRE ALARM SYSTEM IN EACH HOUSING UNIT, THIS IS TO BE COORDINATED WITH DCS FOR THEY WILL COVER THE FIRE WATCH REQUIREMENTS DURING THAT WEEK. THIS INCLUDES TESTING WITH THE FIRE MARSHAL AFTER THE SYSTEM IS TESTED AND OPERATIONALLY READY AND COMPLETED.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROJECT SCHEDULE REFLECTIVE OF CURRENT LEAD TIMES OF EQUIPMENT IN A TIMELY MANNER.



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PROJECT #: 24-099

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OMAHA, NE 68110

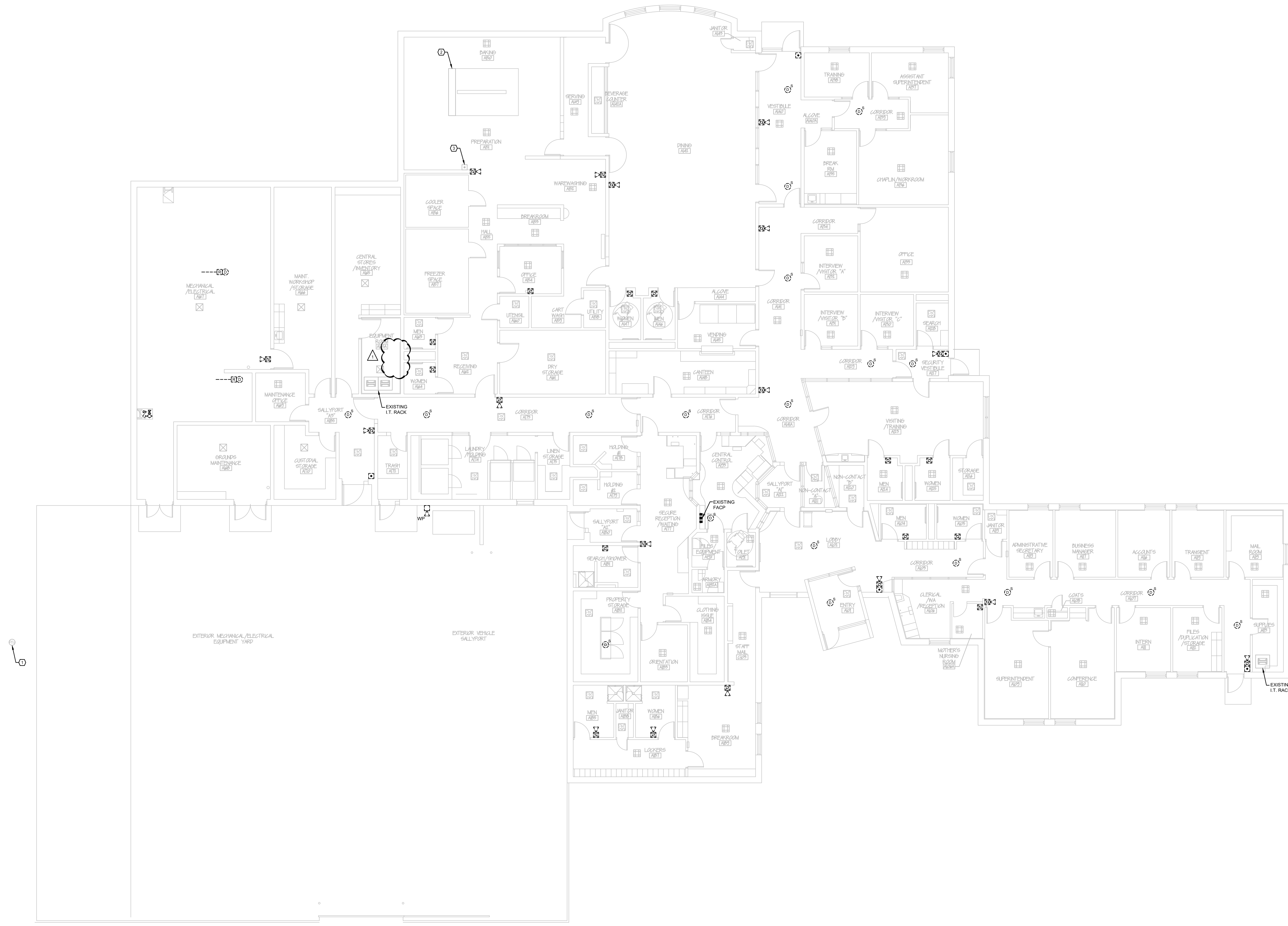
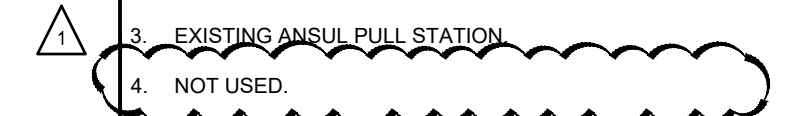
GENERAL NOTES

A. LEAVE EXISTING FIRE ALARM SYSTEM CONNECTED AND FUNCTIONING DURING WORK. MOUNT NEW DEVICES AS SHOWN ON OTHER SHEETS ON NEARBY CEILING OR WALL NEXT TO EXISTING DEVICE. WHEN THE EXISTING DEVICES ARE DEMO'D, COVER HOLE WITH STAINLESS STEEL PLATES WITH FAIRER-PROOF SCREWS, PAINTED TO MATCH SURROUNDING WALL.

KEY NOTES

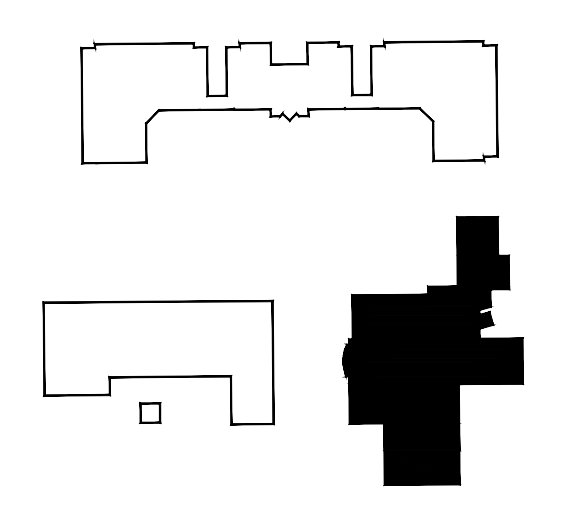
SYMBOL #

- EXISTING P.I.V. SEE LOCATION SHEET E0.1.
- EXISTING ANSUL CABINET ON HOOD.
- EXISTING ANSUL FULL STATION.
- NOT USED.



BUILDING A DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

KEYPLAN
SCALE: NOT TO SCALE



No.	Issued For	Date
1	ADDENDUM #1	12/10/2024

DATE: 11/08/2024



BUILDING A
DEMOLITION FLOOR
PLAN - FIRE ALARM

ED1.00

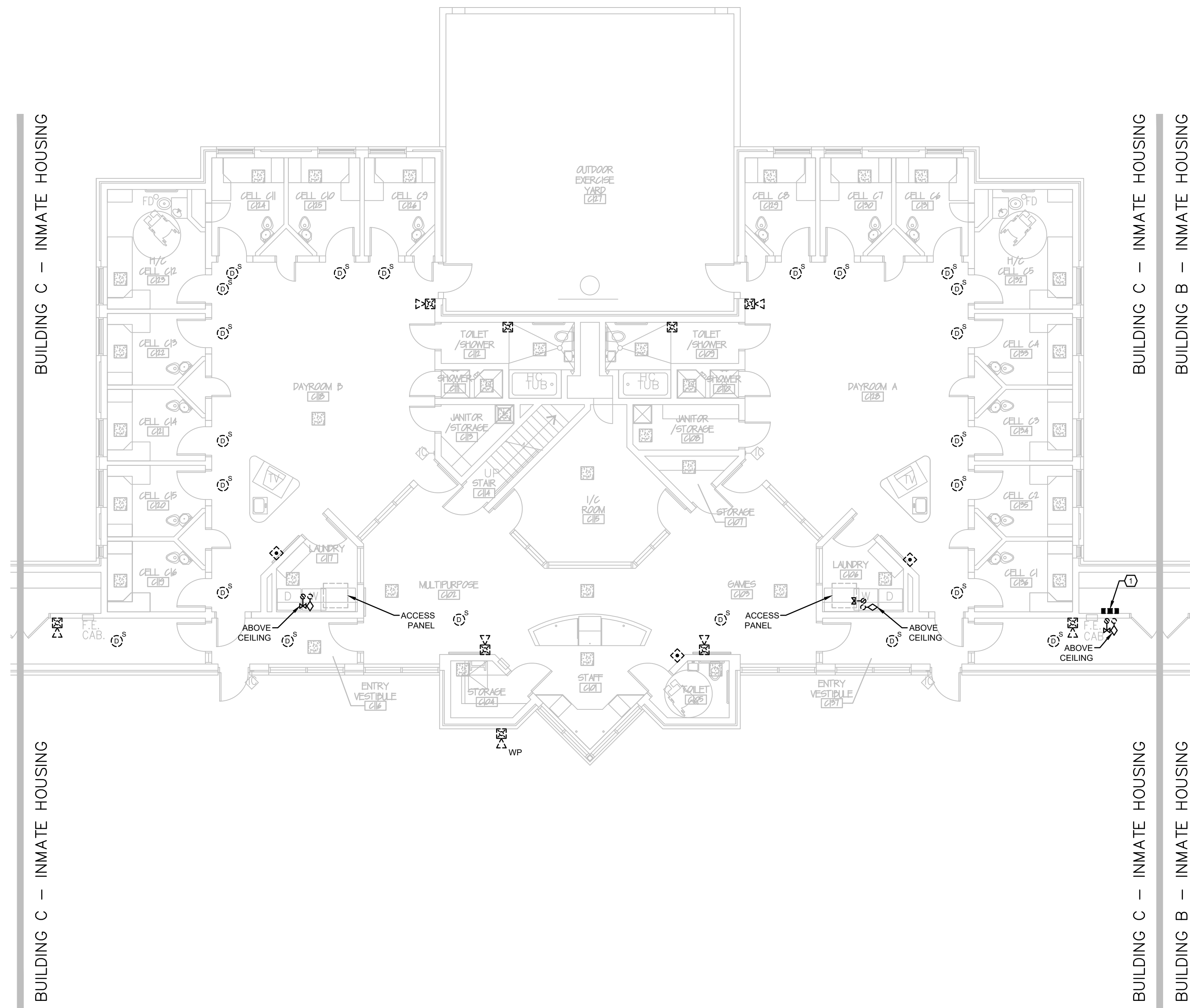
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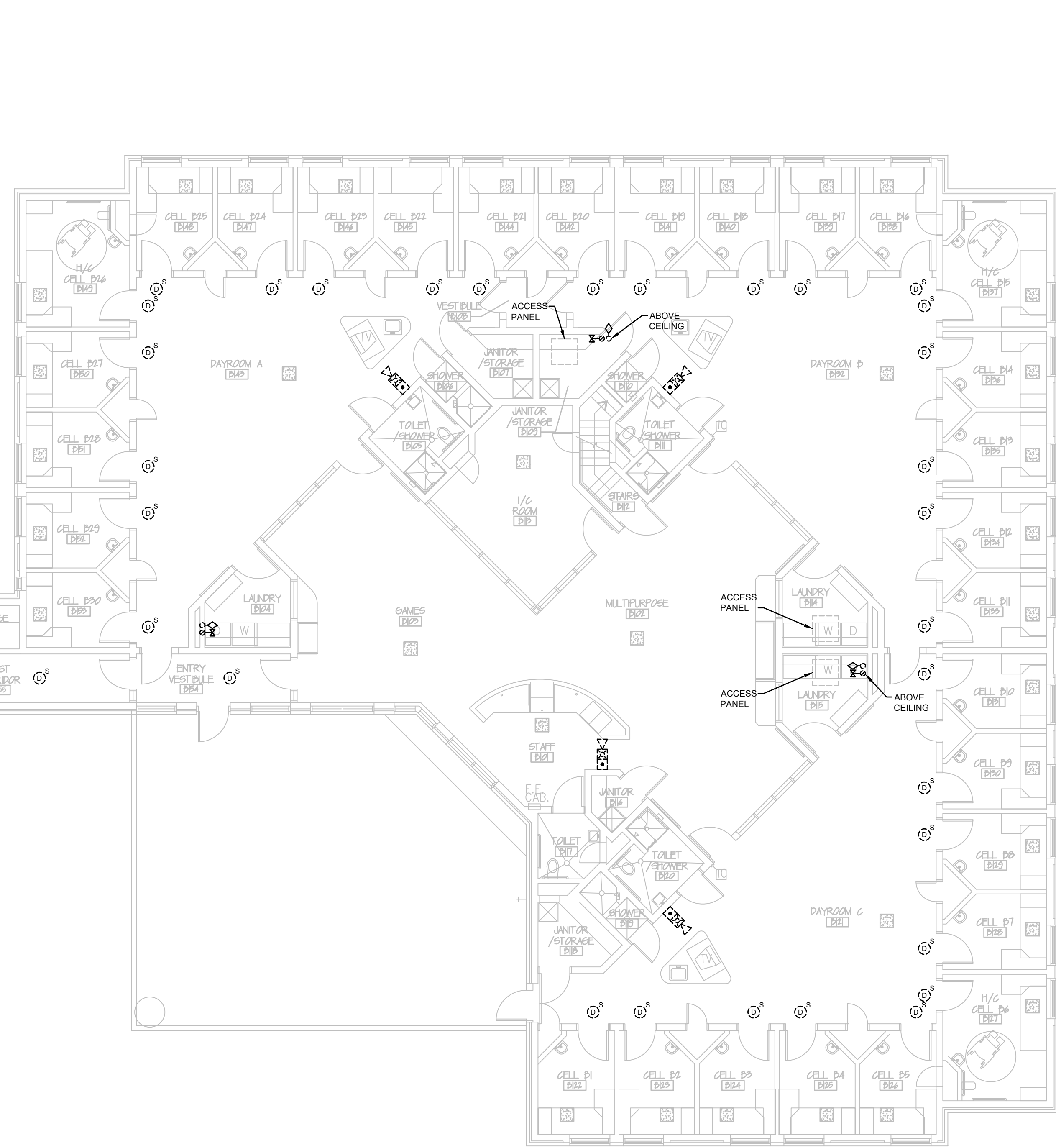
KEY NOTES

SYMBOL =

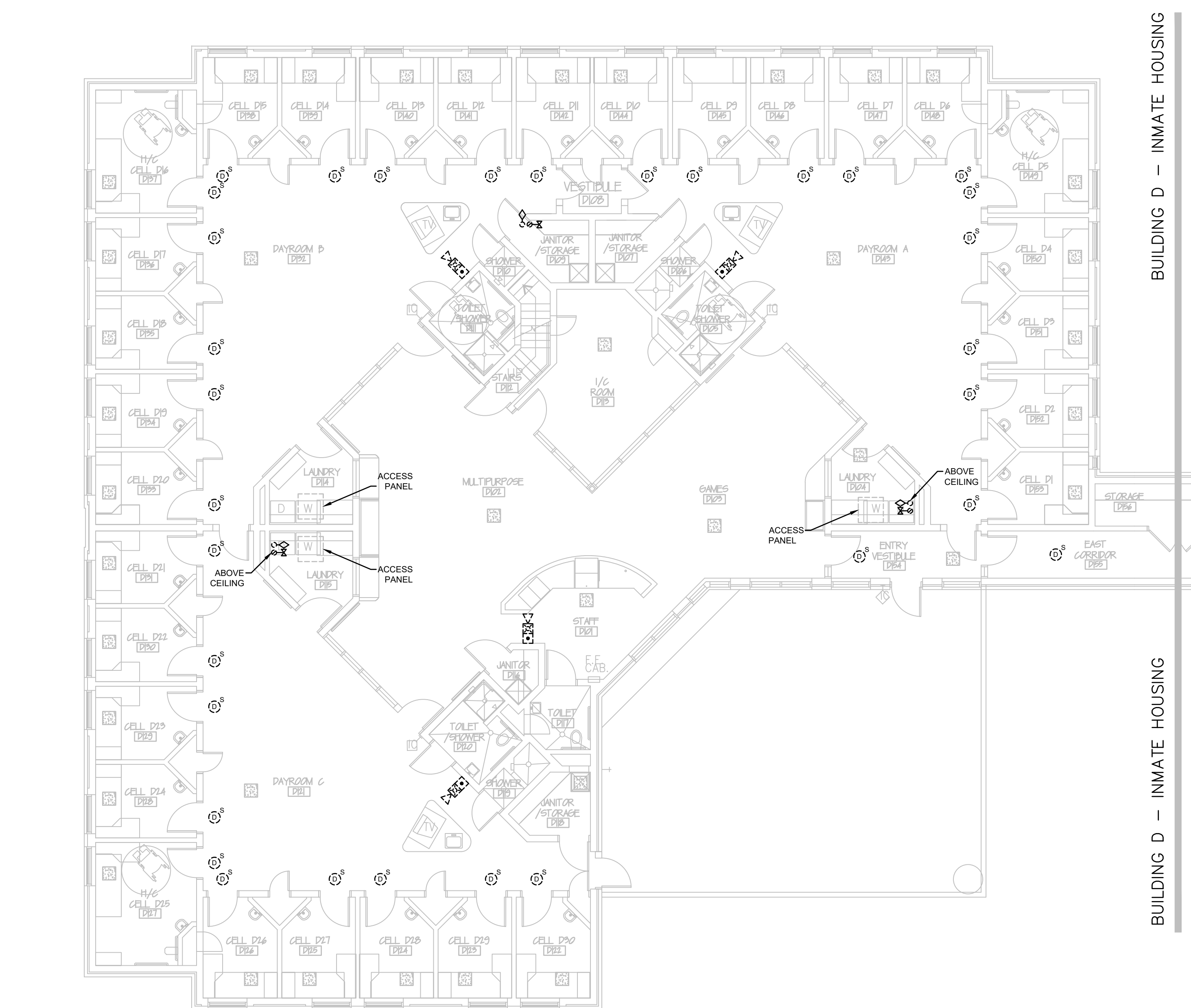
1. EXISTING FIRE ALARM POWER SUPPLY TO BE REMOVED.



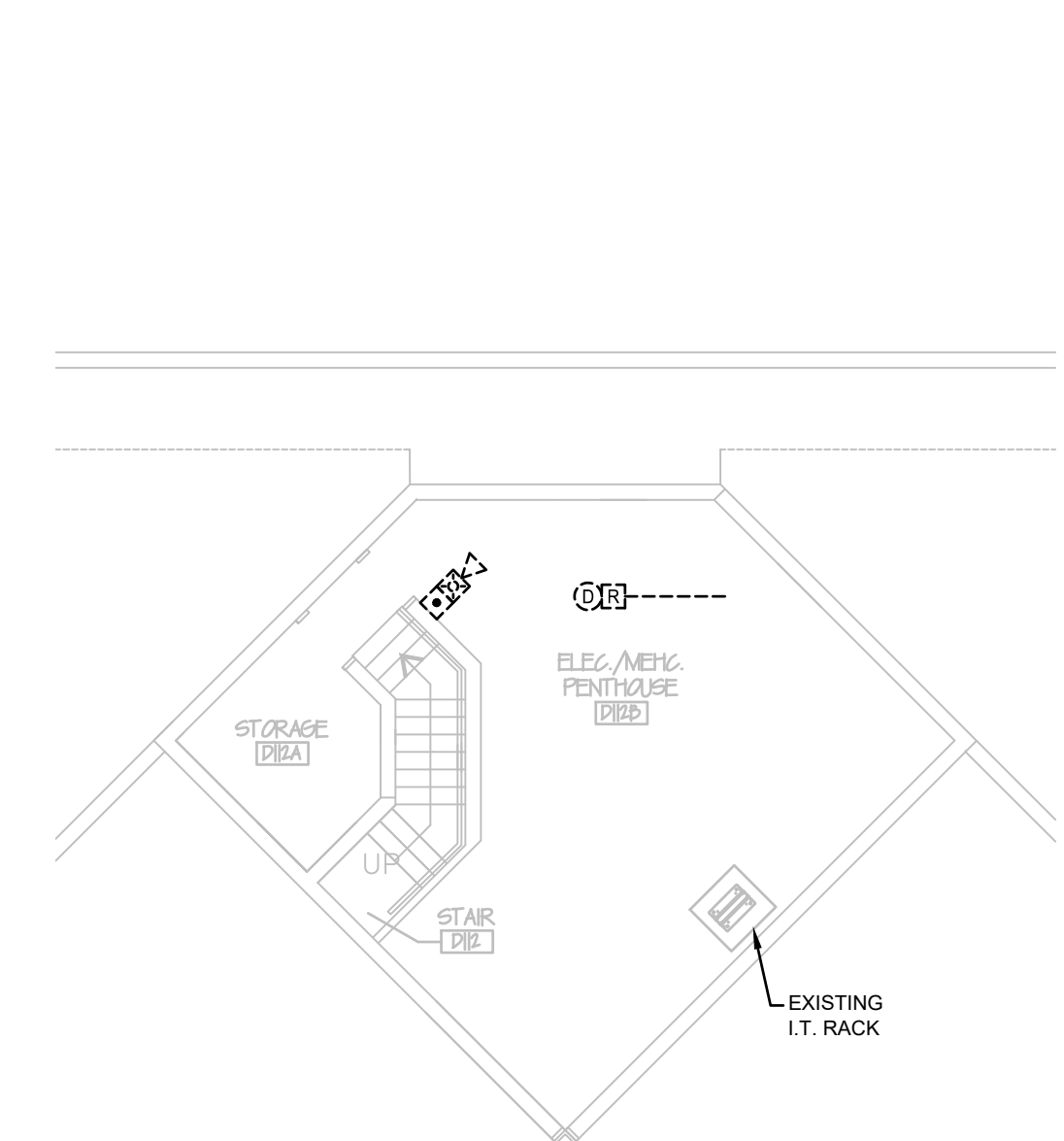
BUILDING C DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



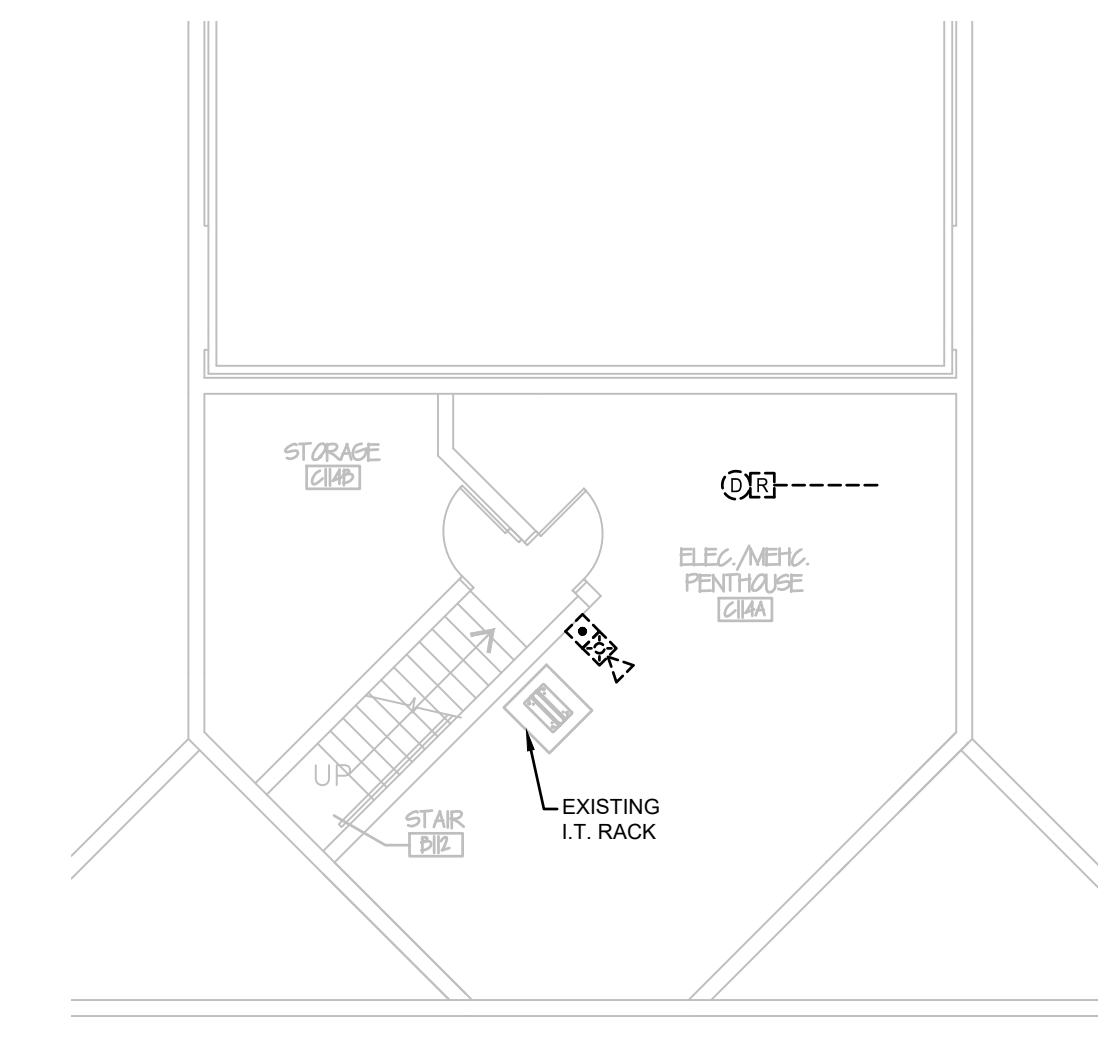
BUILDING B DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



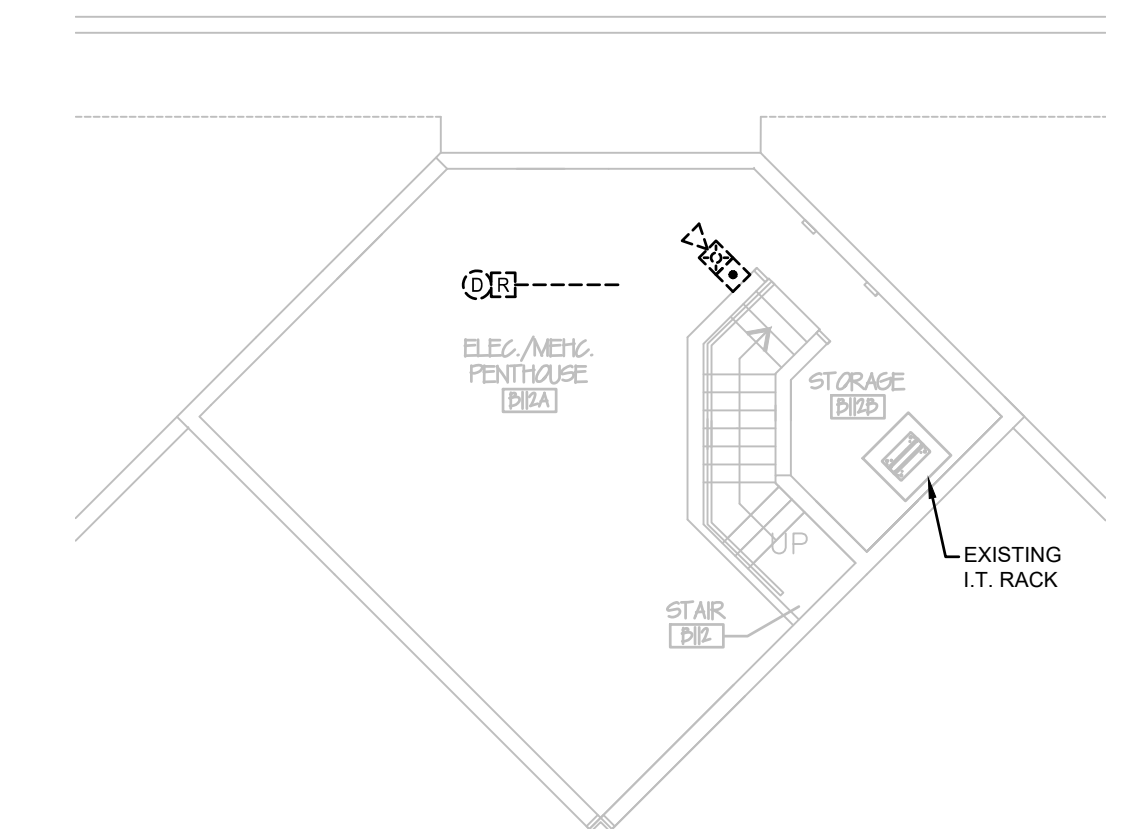
BUILDING D DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING D DEMO PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING C DEMO PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



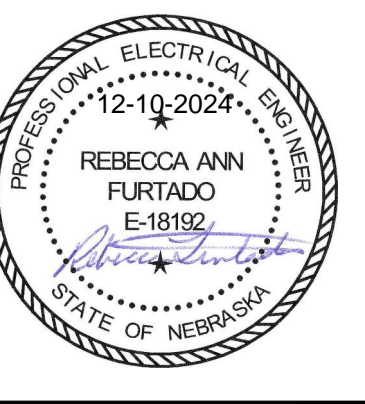
BUILDING B DEMO PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

KEYPLAN
SCALE: NOT TO SCALE

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FIRE ALARM REPLACEMENT
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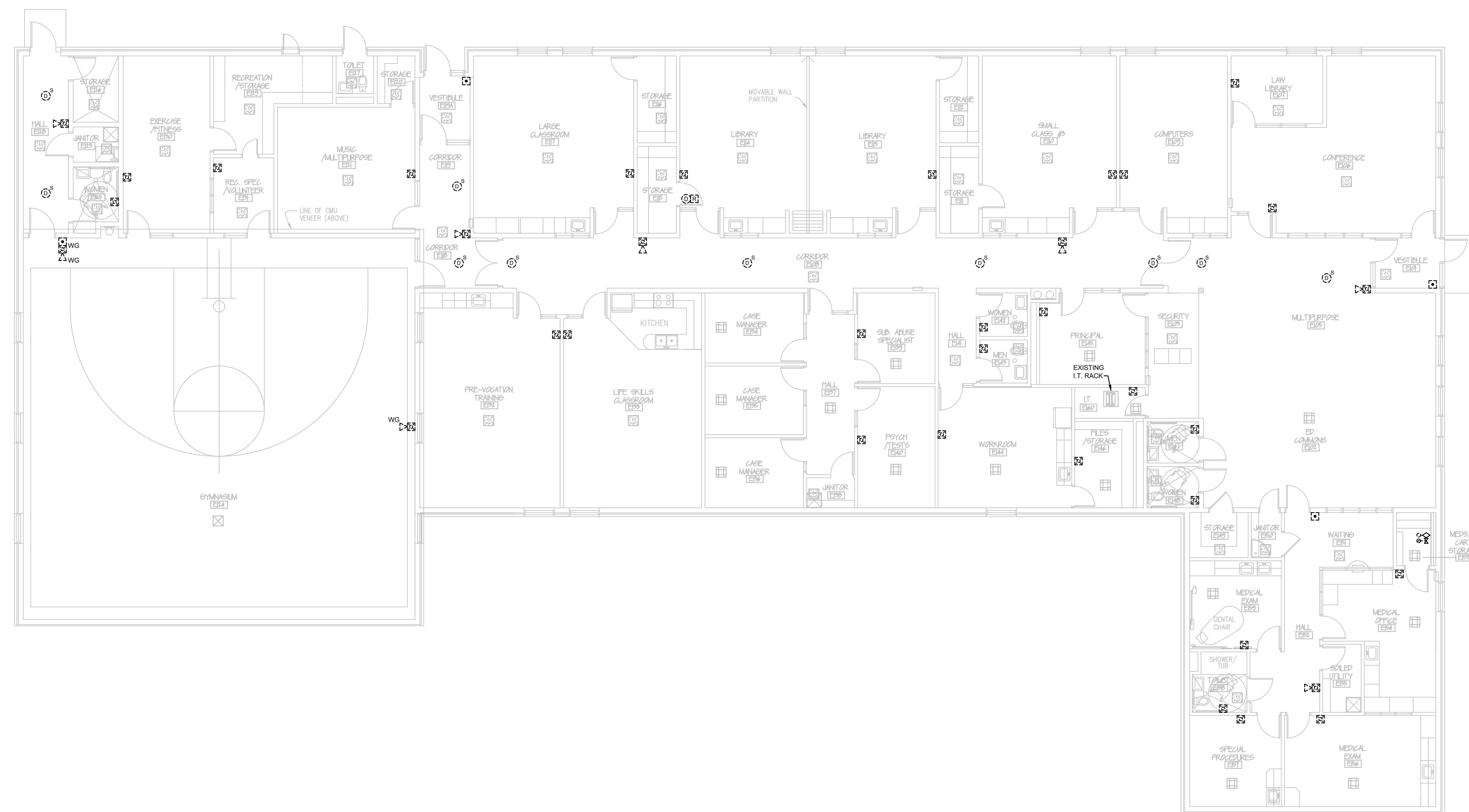


BUILDING B, C, & D
DEMOLITION FLOOR
PLAN - FIRE ALARM

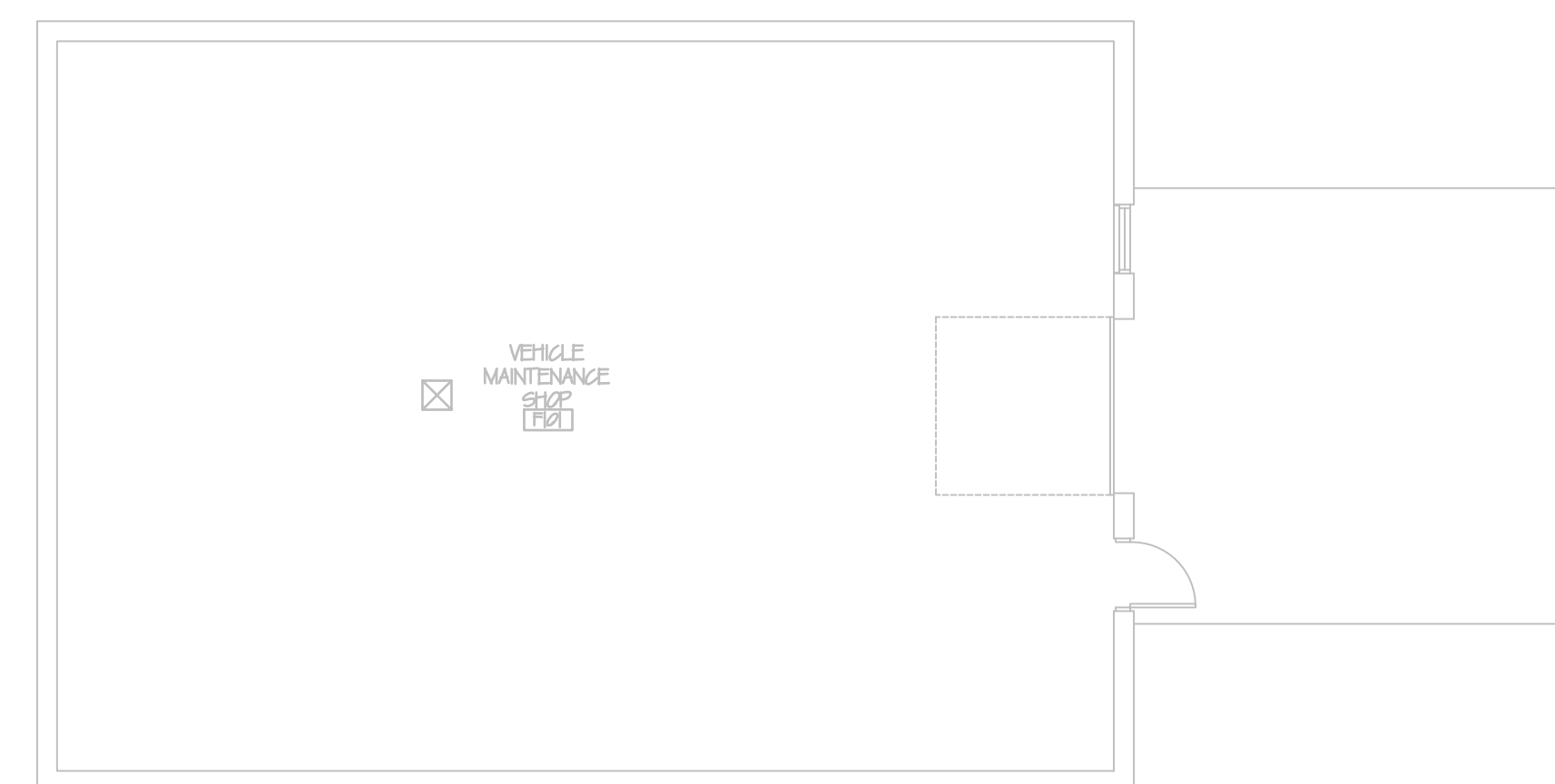
ED1.01

GENERAL NOTES

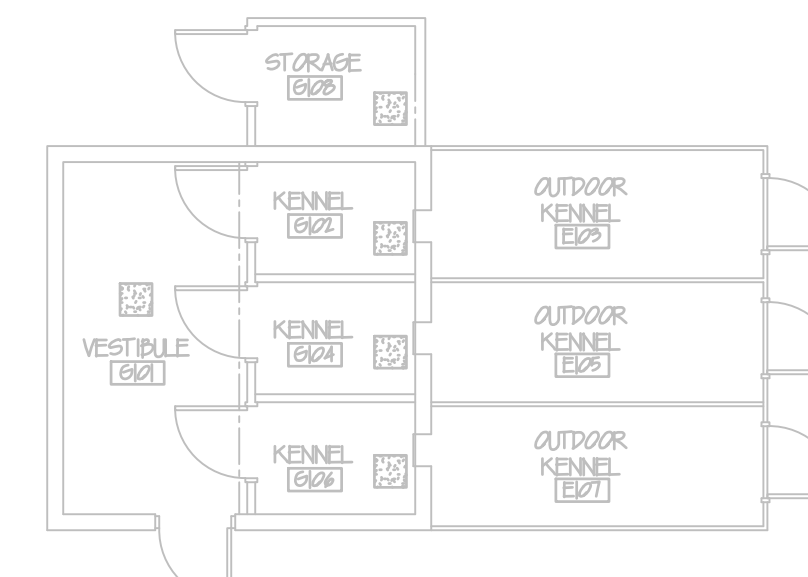
A. LEAVE EXISTING FIRE ALARM SYSTEM CONNECTED AND FUNCTIONING DURING WORK. MOUNT NEW DEVICES AS SHOWN ON OTHER SHEETS ON NEARBY CEILING OR WALL NEXT TO EXISTING DEVICE. WHEN THE EXISTING DEVICES ARE DEMO'D, COVER HOLE WITH STAINLESS STEEL COVER WITH TAMPER-PROOF SCREWS, PAINTED TO MATCH SURROUNDING WALL.



BUILDING E DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

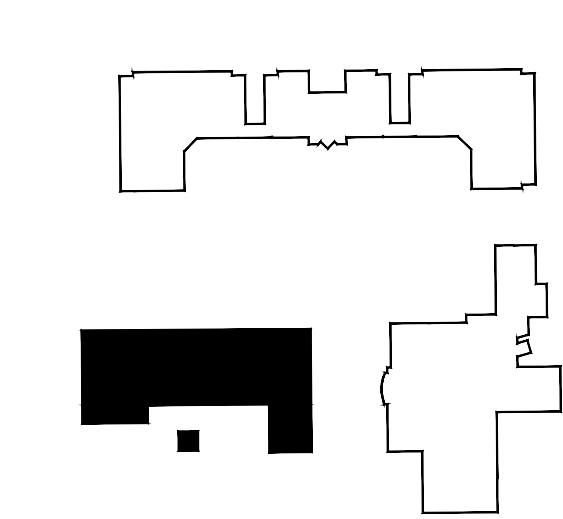


BUILDING F DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING G DEMOLITION FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

KEYPLAN
SCALE: NOT TO SCALE



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BUILDINGS E, F & G
DEMOLITION FLOOR
PLAN - FIRE ALARM

ED1.02



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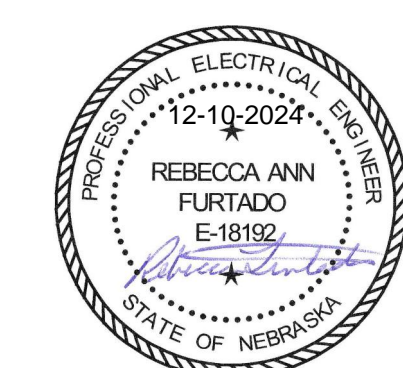
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PROJECT #: 24-099

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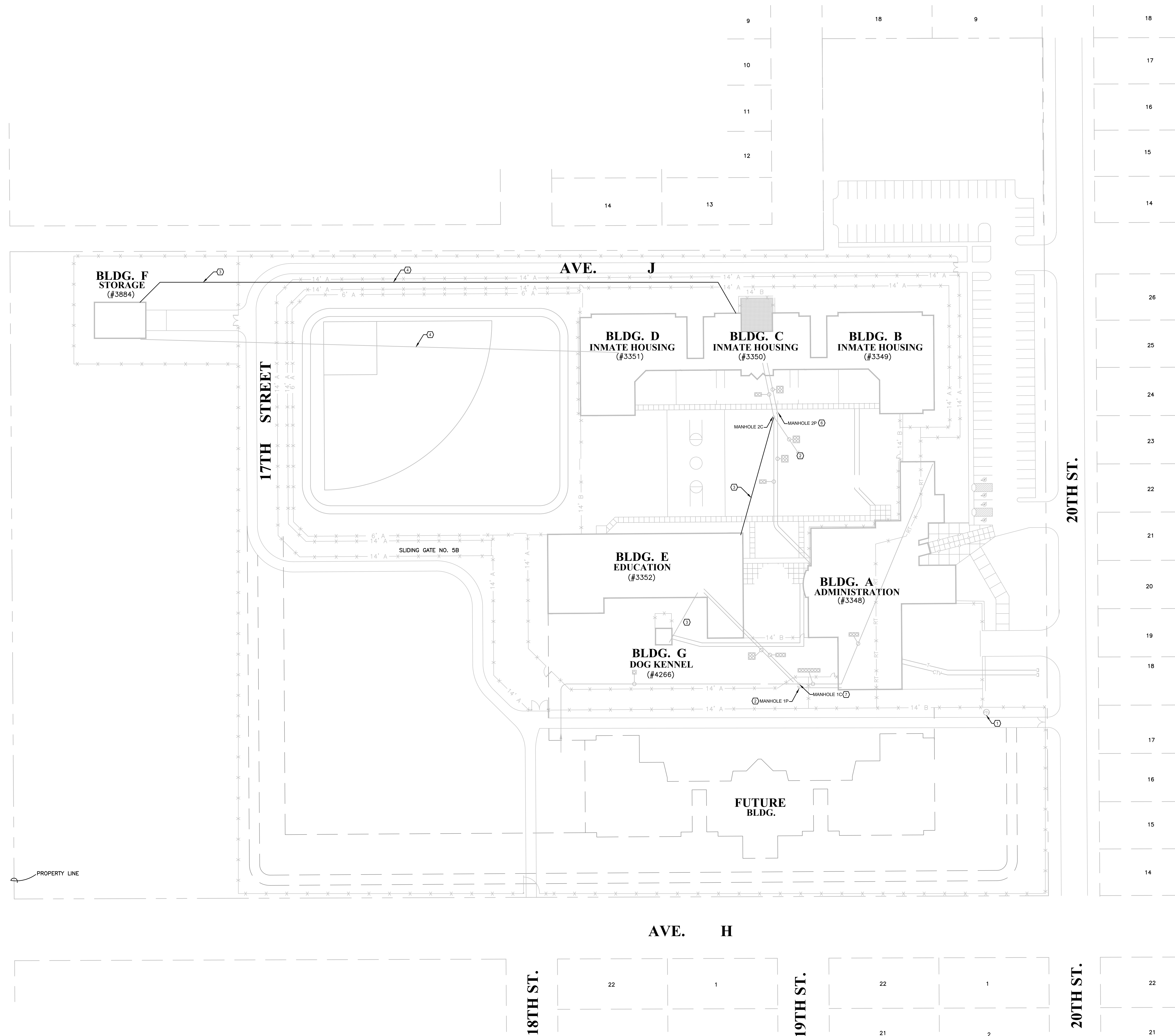
SITE FIBER PLAN

E0.01

KEY NOTES SYMBOL = (C)

GENERAL NOTES

- ROUTE SHOWN OF DUCT BACK FROM AS BUILT RECORD DOCUMENTS AND NEEDS TO BE VERIFIED.
 - PROVIDE ENGRAVED BRASS TAGS ON CABLES SECURED WITH STAINLESS STEEL BAND. ENGRAVED INFORMATION SHALL INDICATE BUILDING NOMENCLATURE AND ROOM NUMBER THE CABLE IS GOING TO. LETTERS SHALL BE 3/8" HIGH.
 - PROVIDE 48 STRANDS IN A LOOP FASHION BETWEEN THE BUILDING DATA COMM RACKS IN BUILDINGS A, B, C, D, AND E. AND STAR OFF OF D TO F AND E TO G. SEE FIBER NETWORK ARCHITECTURE DIAGRAM DETAIL D2, SHEET E2.00.
- EXISTING POST INDICATOR VALVE - PROVIDE WIRING IN 3/4" AND ROUTE UNDERGROUND TO NEW FIRE ALARM CONTROL PANEL. VERIFY LOCATION WITH FIRE SPRINKLER CONTRACTOR.
 - FIELD TO LOCATE AND DOCUMENT CONDUIT STUB UP AND VERIFY CONDUIT AVAILABILITY.
 - PROVIDE 4" CONDUITS WITH 3-1" INNER DUCTS BETWEEN FIBER PATCH AND COORDINATE STUB UP LOCATION WITH OWNER.
 - EXISTING SPARE 12 STRAND FIBER. VERIFY AVAILABILITY IF SPACE DOES NOT ALLOW. INSTALL NEW 4" CONDUIT AS SHOWN.
 - TYPICAL. VERIFY DUCTS ARE OPEN TO COMM ROOMS BY PULLING IN PULL ROPES TO COMM ROOMS. PROVIDE 2-1" INNER DUCTS BETWEEN FIBER PATCH PANELS IN SPARE DUCTS.
 - TYPICAL. PROVIDE DEWATERING OF MANHOLES AND DUCT BANKS FOR ACCESS DURING INSTALLATION OF FIBER BACKBONE CABLING AS REQUIRED.
 - PROVIDE 20' OF SLACK IN MANHOLE. SECURE TO WALL AND LABEL BETWEEN DATA RACK IN BUILDING A AND E.





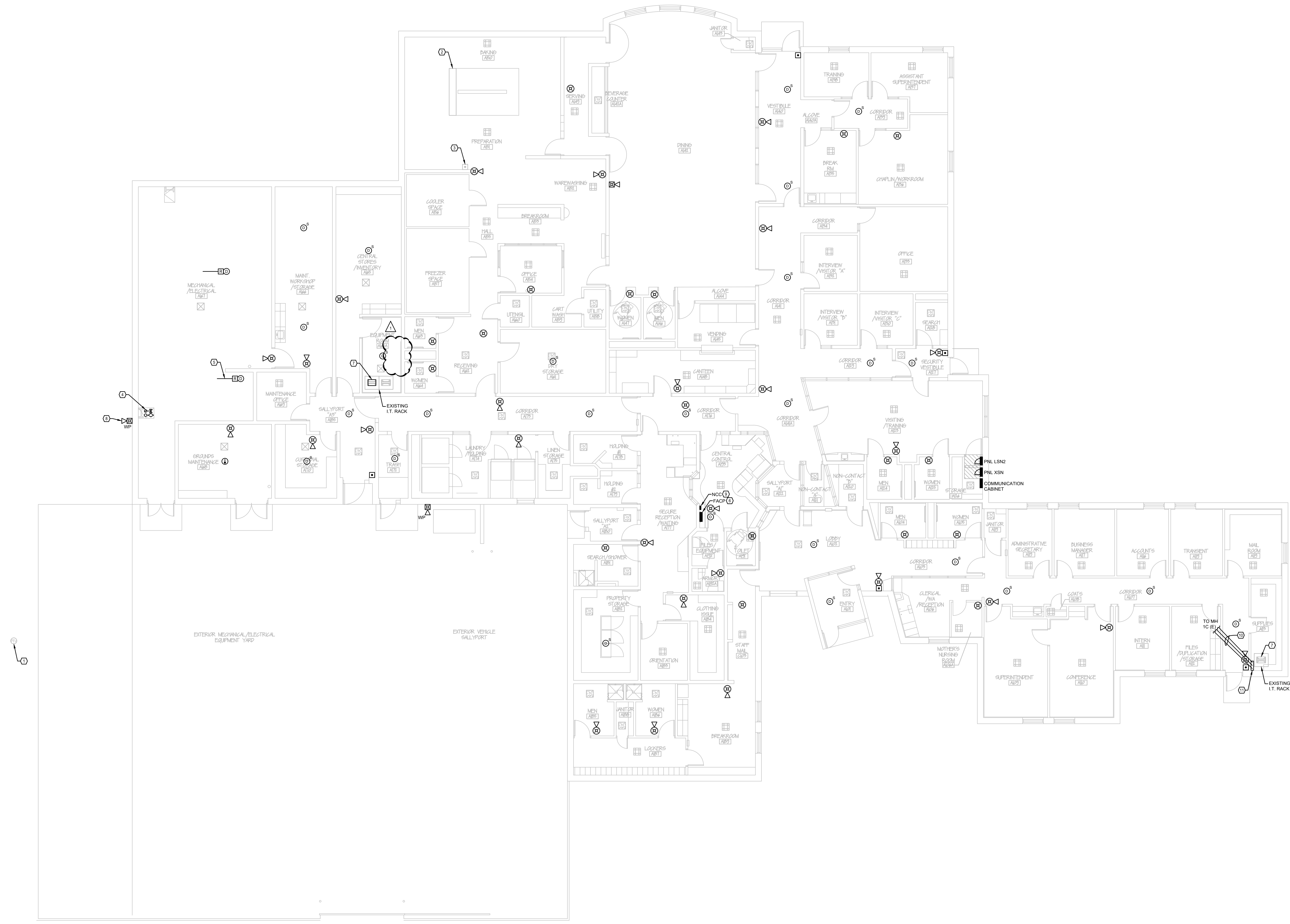
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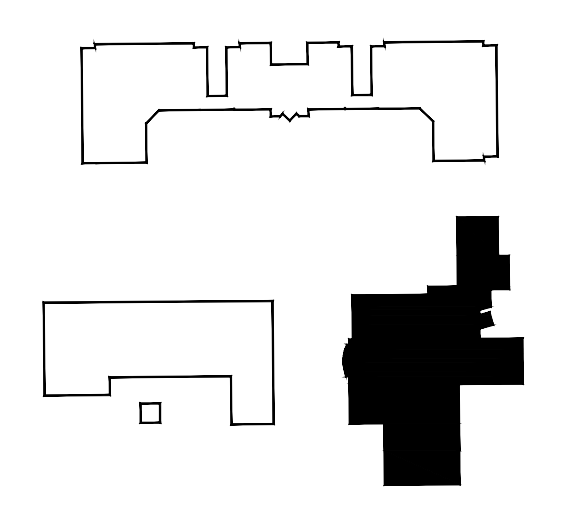
KEY NOTES SYMBOL = ()

- EXISTING P.I.V. SEE LOCATION SHEET ED.1. PROVIDE CONNECTIONS TO ALL TAMPERFLOW SWITCHES ASSOCIATED WITH POST INDICATOR VALVE.
- EXISTING ANSUL CABINET ON HOOD. MONITOR AND TROUBLE CONTACTS ON KITCHEN HOOD FIRE SUPPRESSION CONTROL PANELS. SHUT DOWN EQUIPMENT BELOW HOODS UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.
- EXISTING ANSUL PULL STATION. MONITOR AND TROUBLE CONTACTS ON KITCHEN HOOD FIRE SUPPRESSION CONTROL PANELS. SHUT DOWN EQUIPMENT BELOW HOODS UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.
- TYPICAL. CONNECT TAMPERFLOW SWITCHES TO FIRE ALARM SYSTEM.
- TYPICAL. PROVIDE DUCT DETECTOR AND RELAY. CONNECT TO FIRE ALARM CONTROL PANEL. SHUT DOWN UNIT UPON DETECTION. UNAFFECTED UNITS SHALL CONTINUE RUNNING.
- FIRE ALARM CONTROL PANEL. PLACE NEW PANEL NEXT TO WHERE EXISTING PANEL IS LOCATED, WHILE MINIMIZING DOWN TIME. COORDINATE WITH SITE ON WHERE TO RELOCATE THE EXISTING KEY LOCKER. PATCH AND PAINT WALL TO MATCH.
- FIBER BREAK OUT SPICE BOXES MATCHING EXISTING. TERMINATE 48 STRANDS OS2 CABLES BETWEEN BUILDINGS. SEE FIBER NETWORK ARCHITECTURE DIAGRAM DETAIL D2. SHEET E2.00.
- FIELD TO LOCATE FIRE DEPARTMENT CONNECTION AND ADD W/ HORN STROBE WHERE VISIBLE TO FIRE DEPARTMENT.
- GRAPHIC ANNUNCIATOR WORKSTATION AND PRINTER. VERIFY LOCATION WITH SECURITY GUARD FOR BEST PLACEMENT IN CONTROL ROOM.
- PROVIDE 2 PLENUM RATED INNER DUCT WITH FIBER CABLES TO NEW SPICE BOXES.
- EXISTING GUTTER WITH CONDUITS FROM MANHOLE. VERIFY LOCATION AND AVAILABILITY OF CONDUIT WITH PULLING IN PULL ROPES. NEW PULL ROPES ARE TO BE PULLED IN WITH NEW 48 STRAND FIBER CABLES.



BUILDING A FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

KEYPLAN
SCALE: NOT TO SCALE



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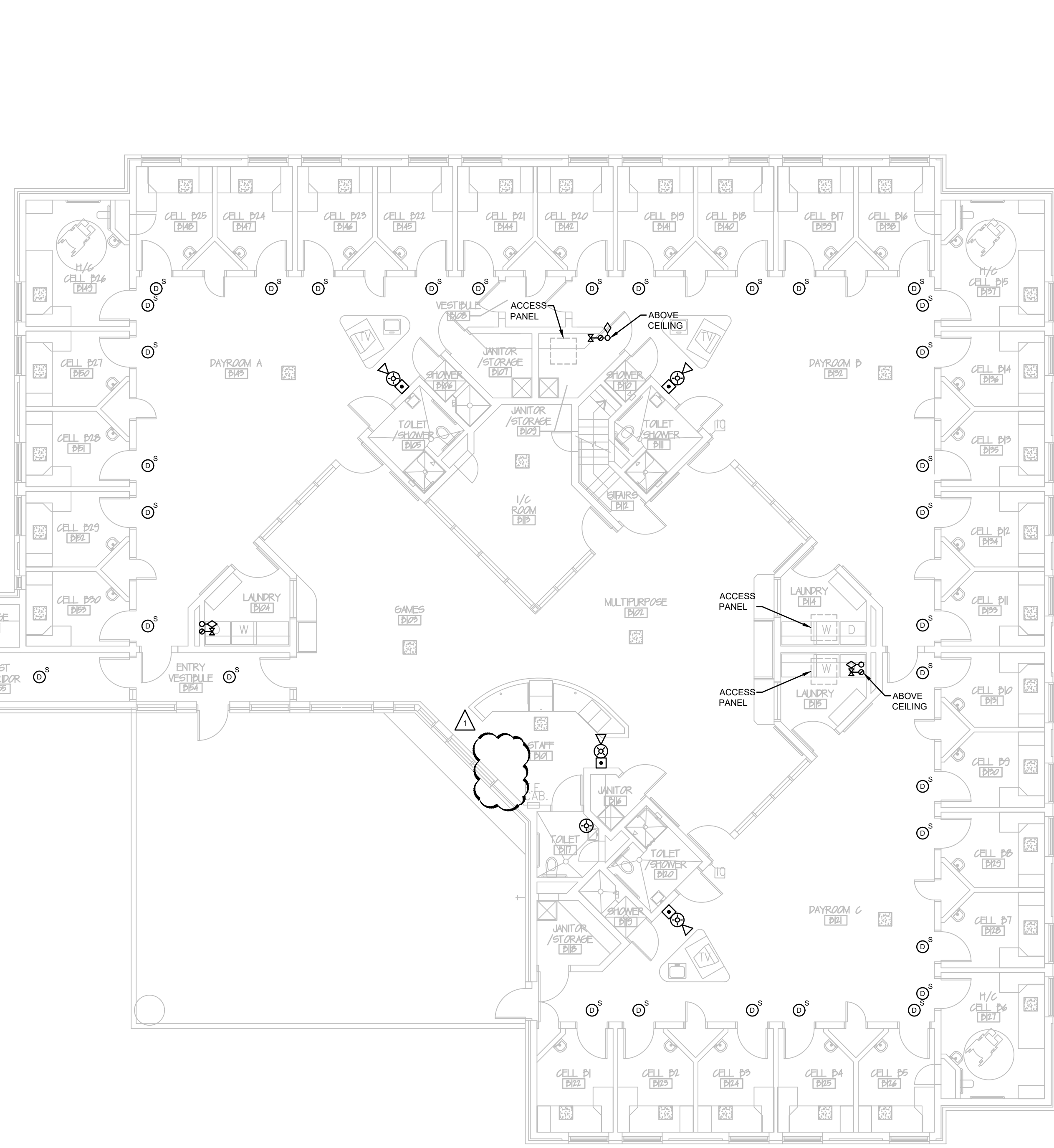
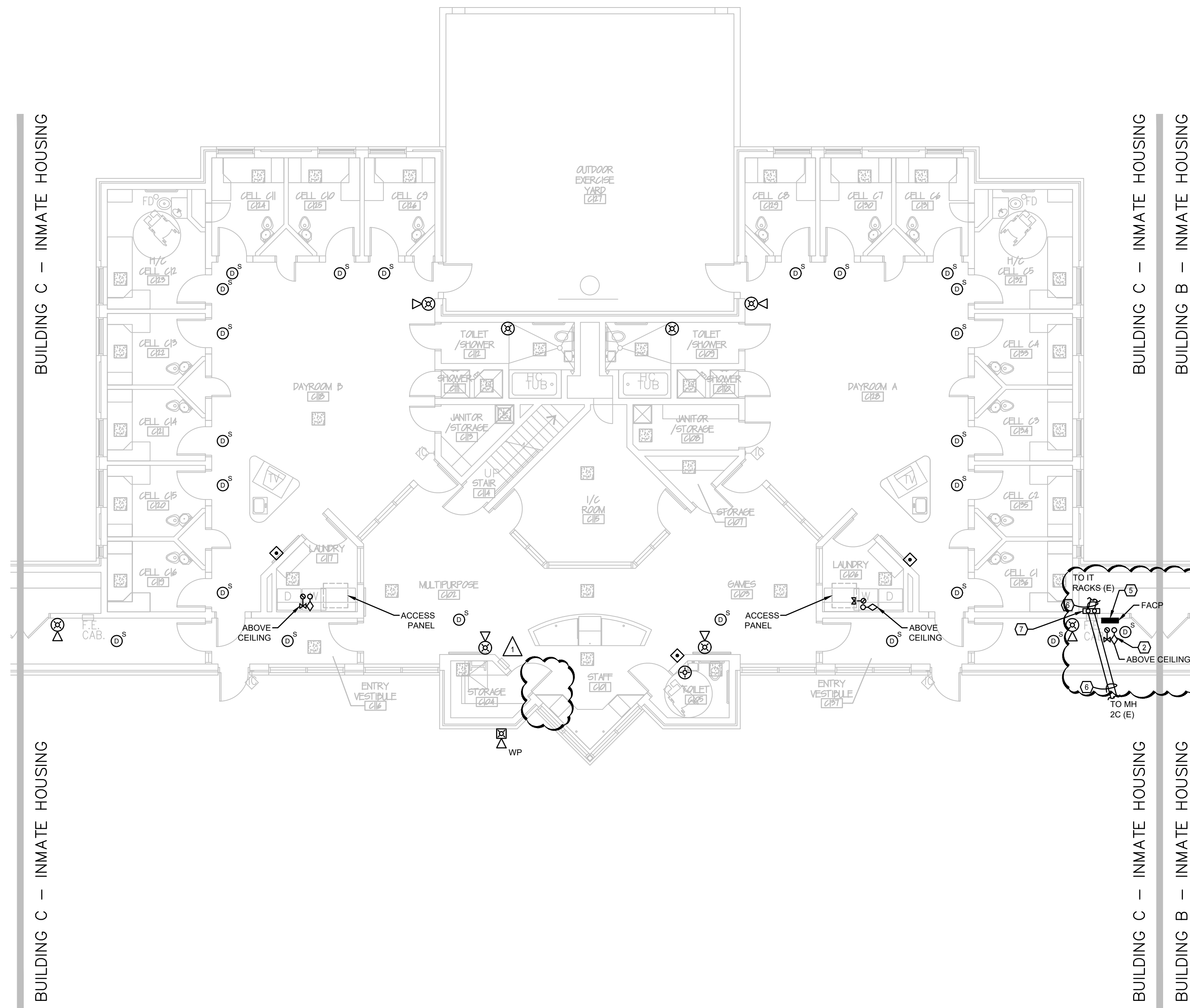
DATE: 11/08/2024



BUILDING A FLOOR
PLAN - FIRE ALARM

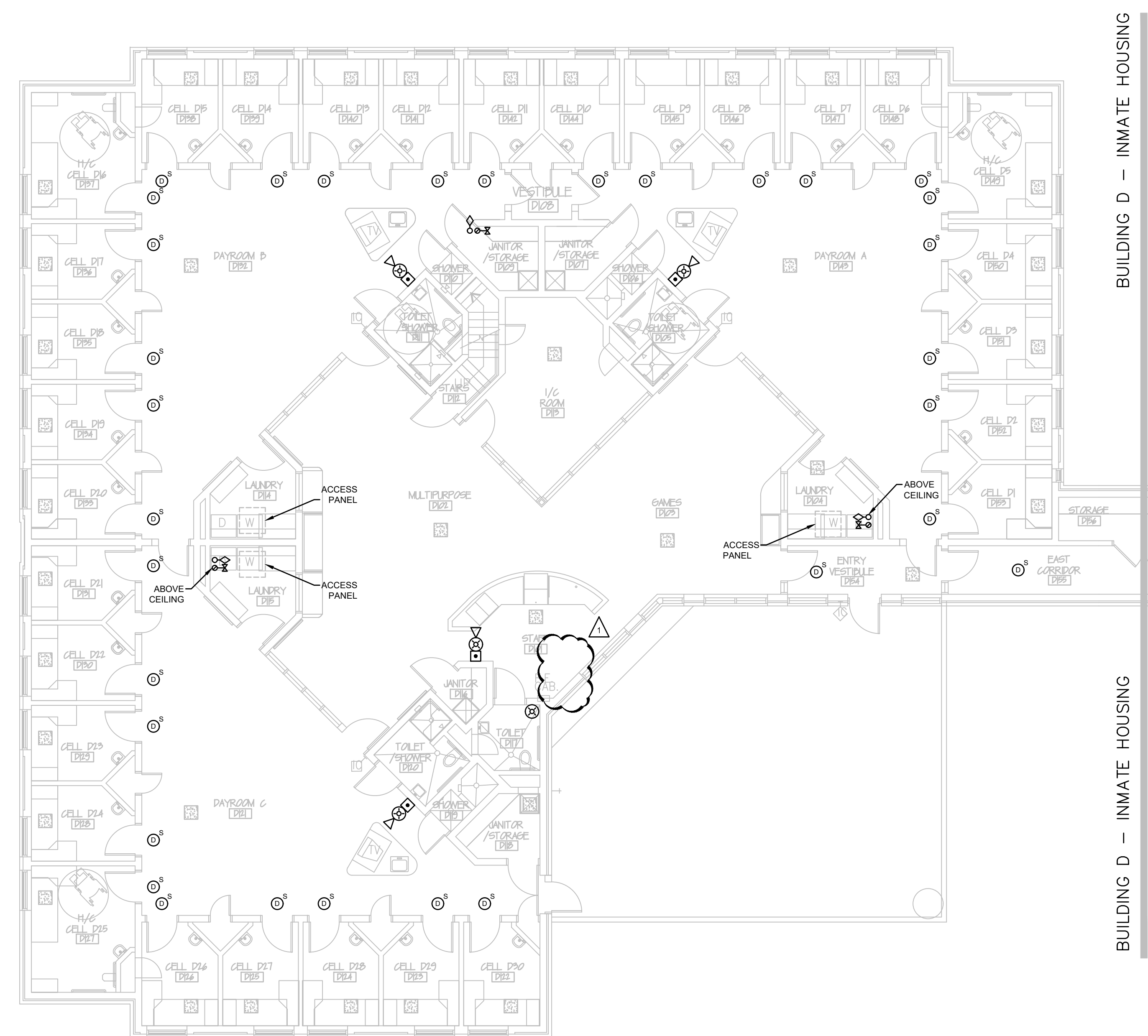
E1.00

- KEY NOTES** SYMBOL = ()
- NOT USED
 - TYPICAL. CONNECT TAMPERFLOW SWITCHES TO FIRE ALARM SYSTEM.
 - TYPICAL. PROVIDE DUCT DETECTOR AND RELAY. CONNECT TO FIRE ALARM CONTROL PANEL. SHUT DOWN UNIT UPON DETECTION. UNAFFECTED UNITS SHALL CONTINUE RUNNING.
 - FIBER BREAK OUT SPLICE BOXES MATCHING EXISTING. TERMINATE 48 STRANDS (32) CABLES BETWEEN BUILDINGS. SEE FIBER NETWORK ARCHITECTURE DIAGRAM DETAIL D2, SHEET E2.00.
 - NEW FIRE ALARM CONTROL PANEL. CONNECT TO FIRE ALARM SYSTEM. VERIFY LOCATION WITH OWNER.
 - PROVIDE 2 PULVINAR RATED INNER DUCT WITH FIBER CABLES TO NEW SPLICE BOXES.
 - EXISTING GUTTER WITH CONDUITS FROM MANHOLE. VERIFY LOCATION AND AVAILABILITY OF CONDUIT BY PULLING IN PULL ROPES.
 - SECURE INNER DUCTS TO WALL WITH D RINGS ON 3 FOOT SPACING AND DRILL HOLES FOR INNER DUCT'S CONTINUING TO SPLICES IN RACK.
 - EXISTING CONDUIT THROUGH CEILING TO FIRST LEVEL. FOLLOW SECURITY BACKGROUND ROUTE THROUGH BUILDING. NEW PULL ROPES ARE TO BE PULLED IN WITH NEW 48 STRAND FIBER CABLES.

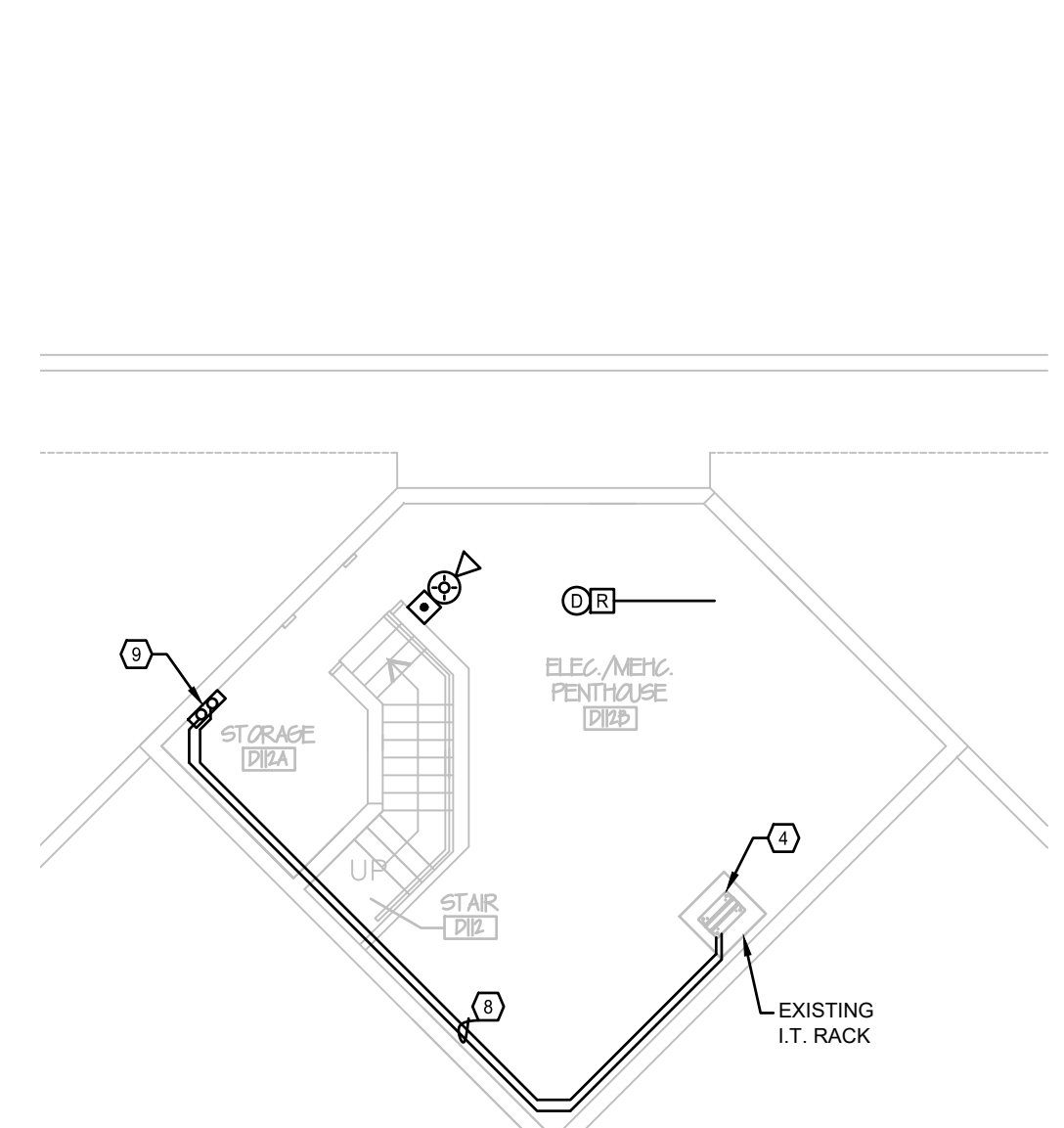


BUILDING C FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

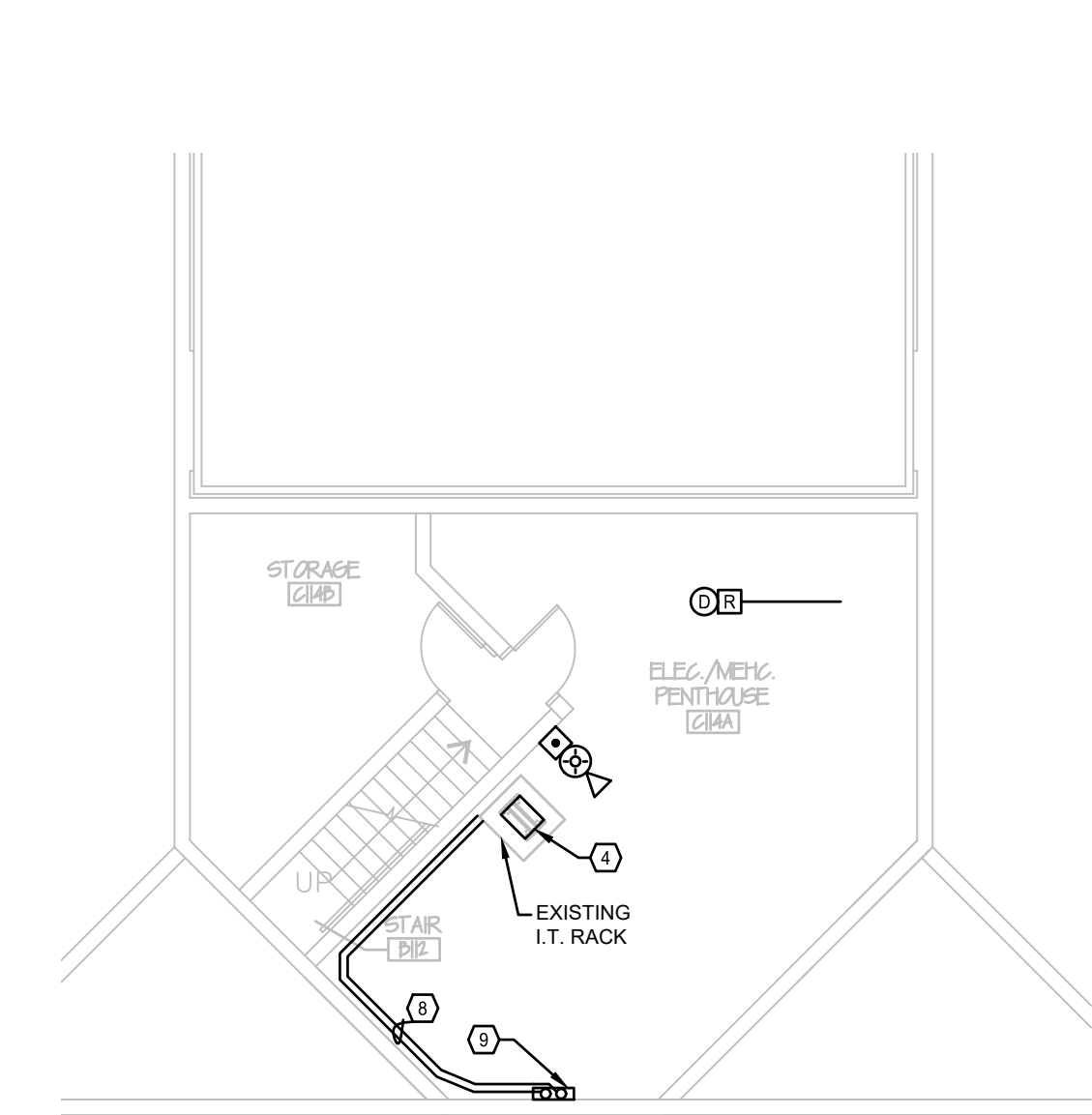
BUILDING B FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



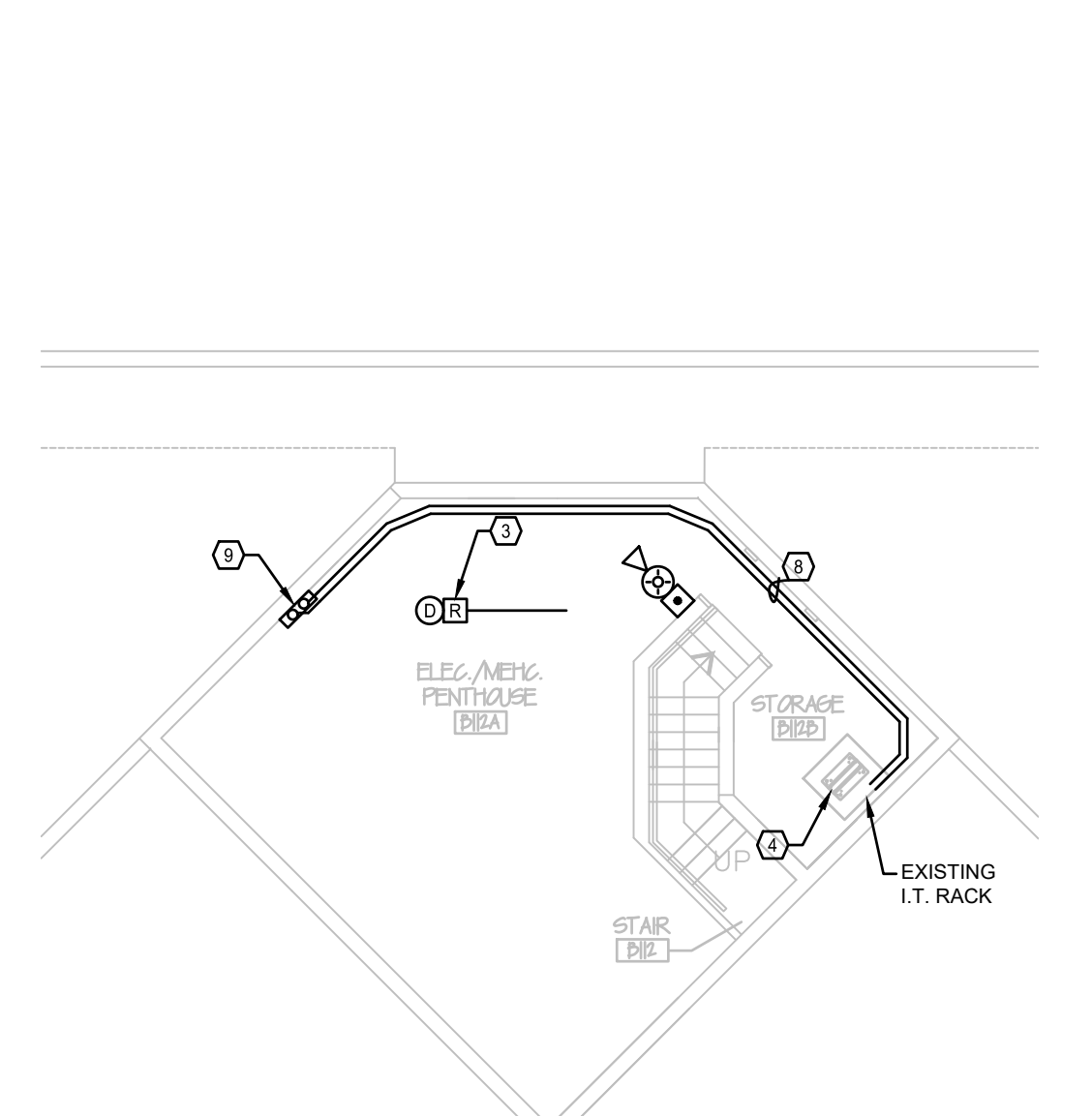
BUILDING D FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING D PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING C PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING B PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

KEYPLAN
SCALE: NOT TO SCALE

NEBRASKA CORRECTIONAL YOUTH FACILITY
FIRE ALARM REPLACEMENT
2610 NORTH 20TH ST.
OMAHA, NE 68110

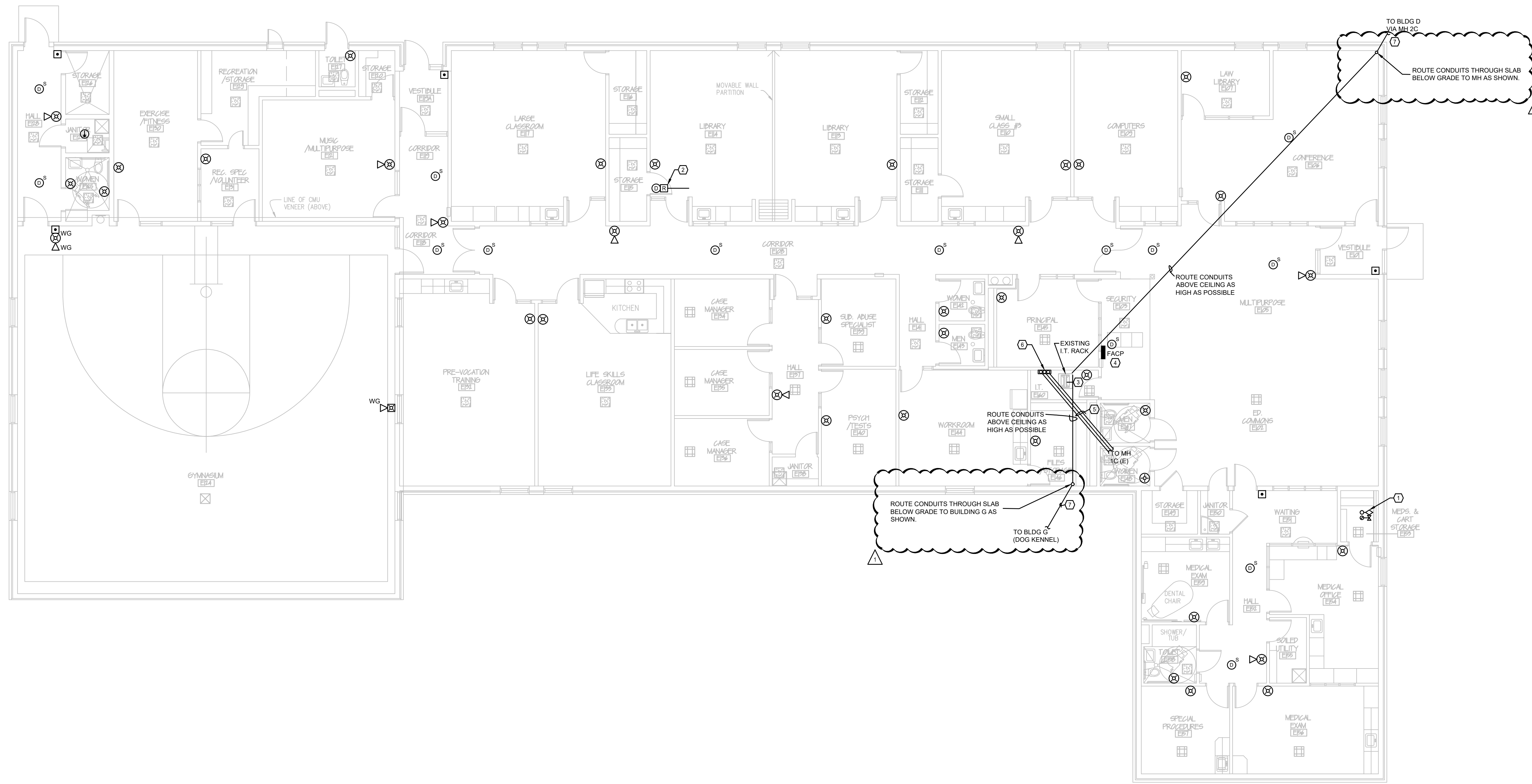
No.	Issued For	Date
1	ADDENDUM #1	12/10/2024

DATE: 11/08/2024



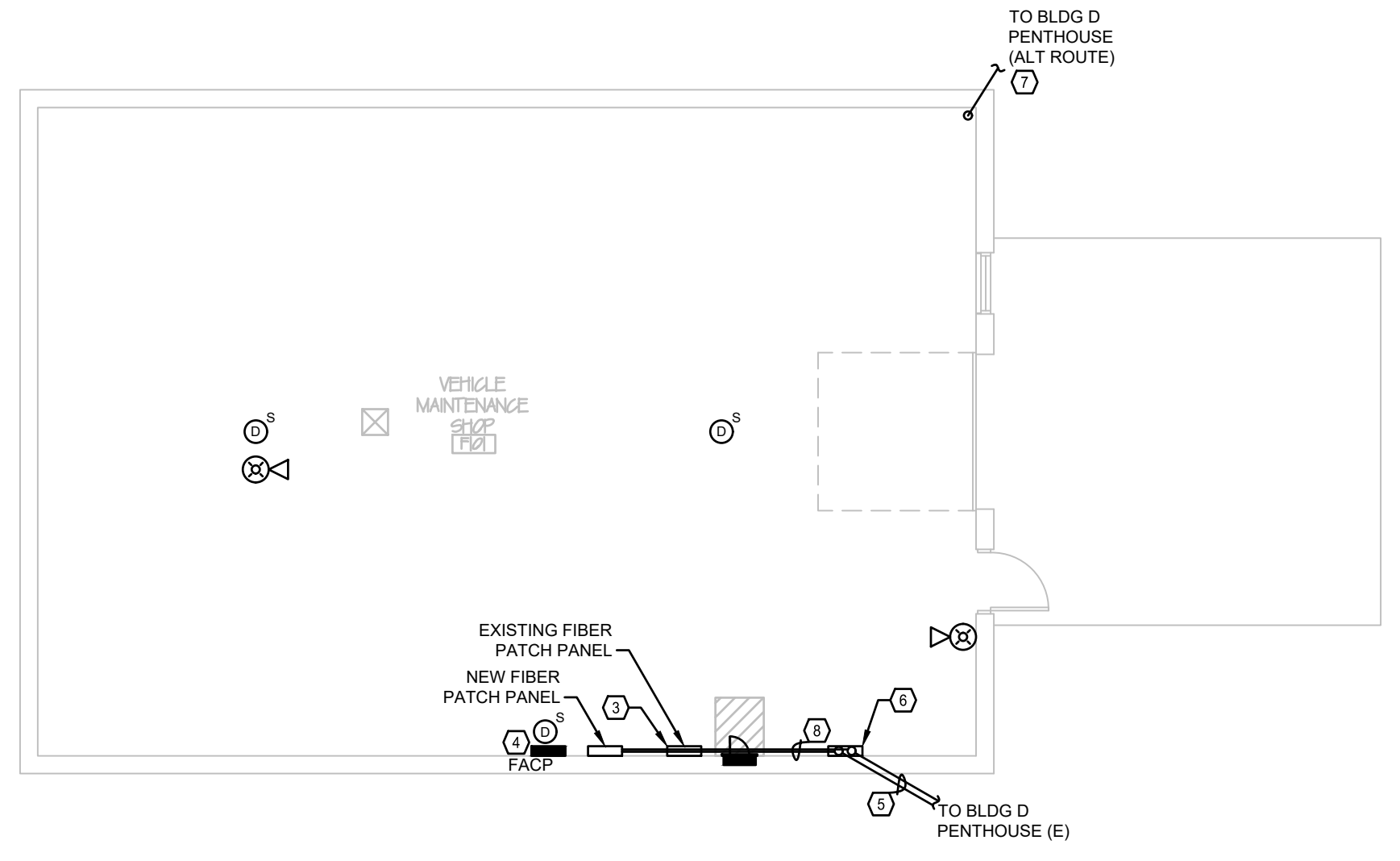
BUILDING B, C, & D
FLOOR PLAN - FIRE
ALARM

E1.01

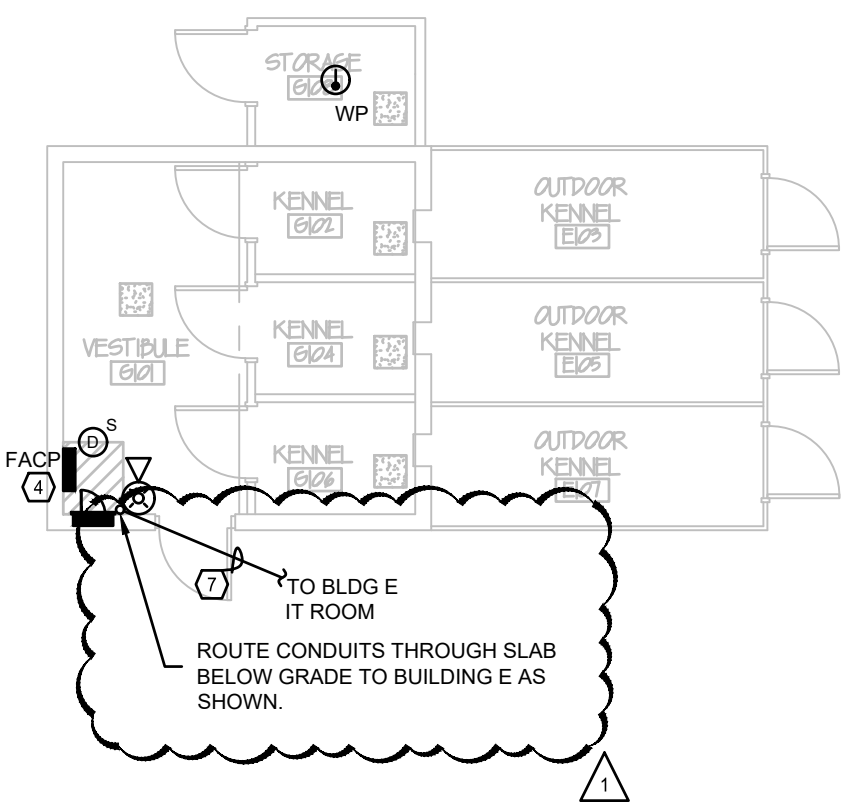


- KEY NOTES** SYMBOL = (K)
1. FIRE SPRINKLER ENTRANCE. CONNECT TAMPER/FLOW SWITCHES TO FIRE ALARM SYSTEM.
 2. PROVIDE DUCT DETECTOR AND RELAY. CONNECT TO FIRE ALARM CONTROL PANEL. SHUT DOWN UNIT UPON DETECTION.
 3. FIBER BREAK OUT SPLICE BOXES MATCHING EXISTING. TERMINATE 48 STRANDS OS2 CABLES BETWEEN BUILDINGS. SEE FIBER NETWORK ARCHITECTURE DIAGRAM DETAIL 02, SHEET E2.00.
 4. NEW FIRE ALARM CONTROL PANEL. CONNECT TO FIRE ALARM SYSTEM. VERIFY LOCATION WITH OWNER.
 5. PROVIDE 2 PLENUM RATED INNER DUCT WITH FIBER CABLES TO NEW SPLICE BOXES.
 6. EXISTING GUTTER WITH CONDUITS FROM MANHOLE. VERIFY LOCATION AND AVAILABILITY OF CONDUIT BY PULLING IN PULL ROPES.
 7. INSTALL 4" CONDUIT WITH 3-1" INNER DUCTS AS SHOWN. VERIFY ENTRY LOCATION TO BUILDINGS WITH OWNER.
 8. SECURE INNER DUCTS TO WALL WITH D RINGS ON 3 FOOT SPACING AND DRILL HOLES FOR INNER DUCTS CONTINUING TO SPLICES IN RACK. NEW PULL ROPES ARE TO BE PULLED IN WITH NEW 48 STRAND FIBER CABLES.

BUILDING E FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING F FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



BUILDING G FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"

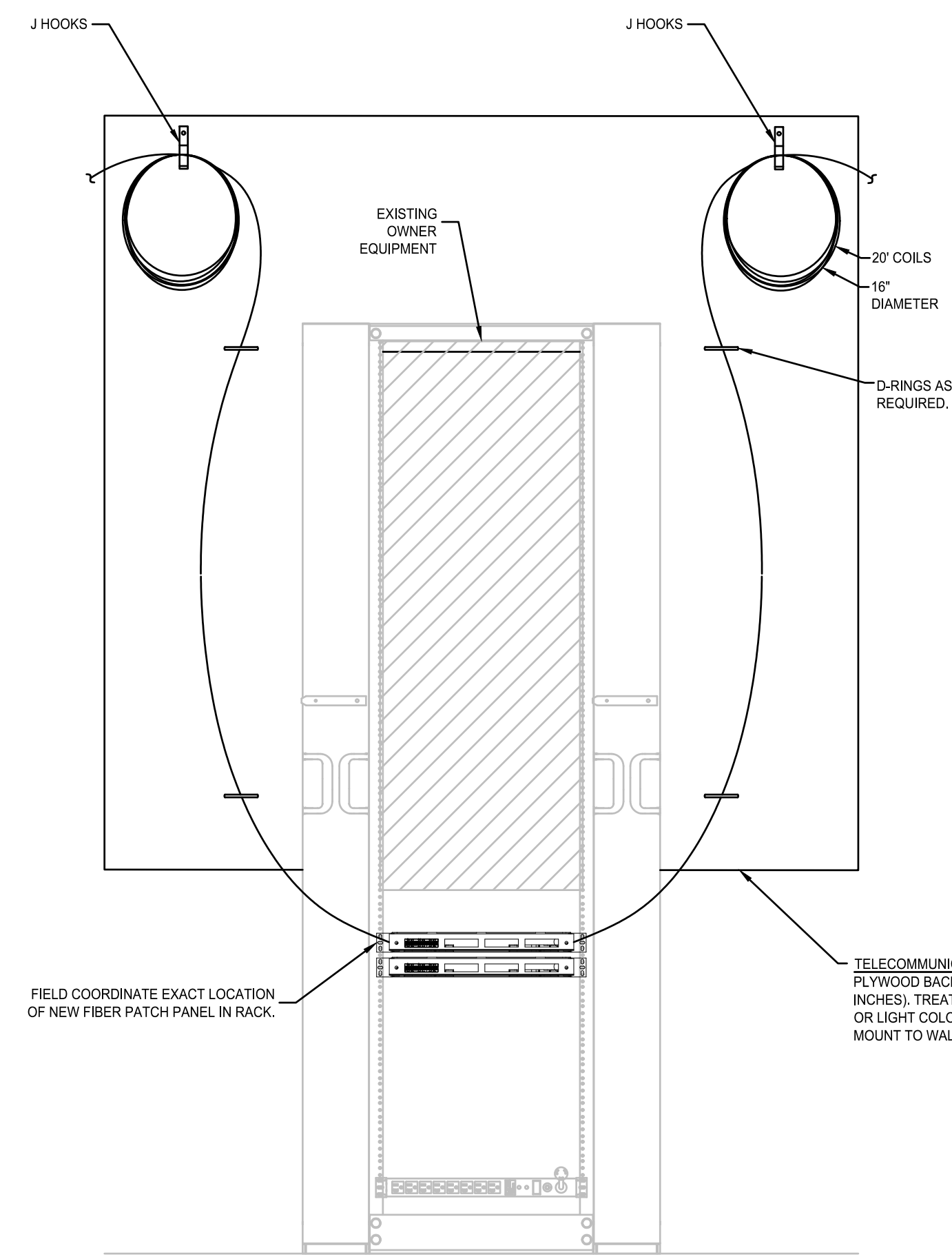
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DATE: 11/08/2024



BUILDINGS E, F & G
FLOOR PLAN - FIRE
ALARM

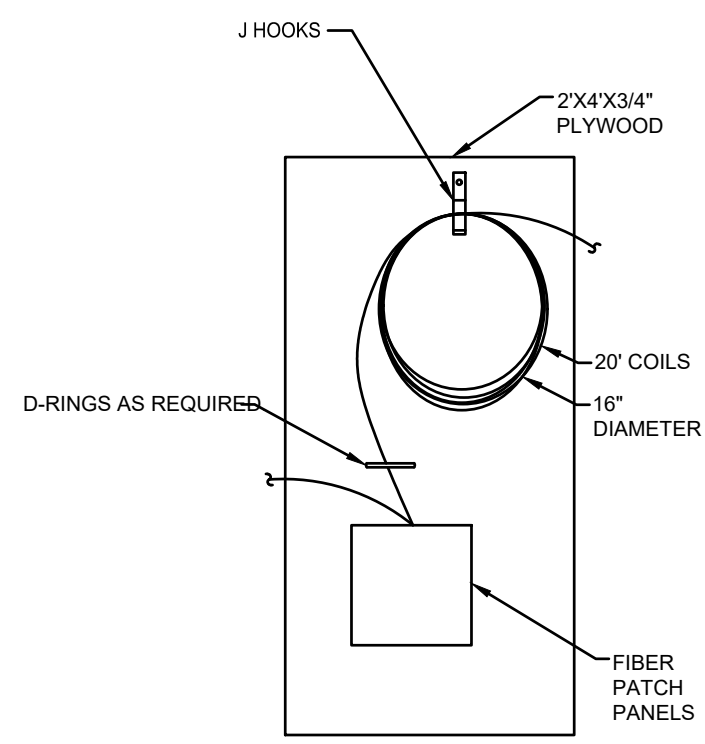
E1.02



DETAIL NOTES

GENERAL NOTES

- A. THIS DETAIL IS GENERIC IN NATURE & IS NOT INTENDED TO SHOW EVERY DETAIL. ADAPT TO ACTUAL SITE CONDITIONS.
- B. PROVIDE INSTALLATION MOUNTING HARDWARE & SECURE PER MFR.
- C. PROVIDE INNERDUCTS TO PROTECT THE BACKBONE FIBER CABLES FROM POINT OF ENTRY INTO THE ROOM TO THE COILED LOOPS ON THE PLYWOOD.



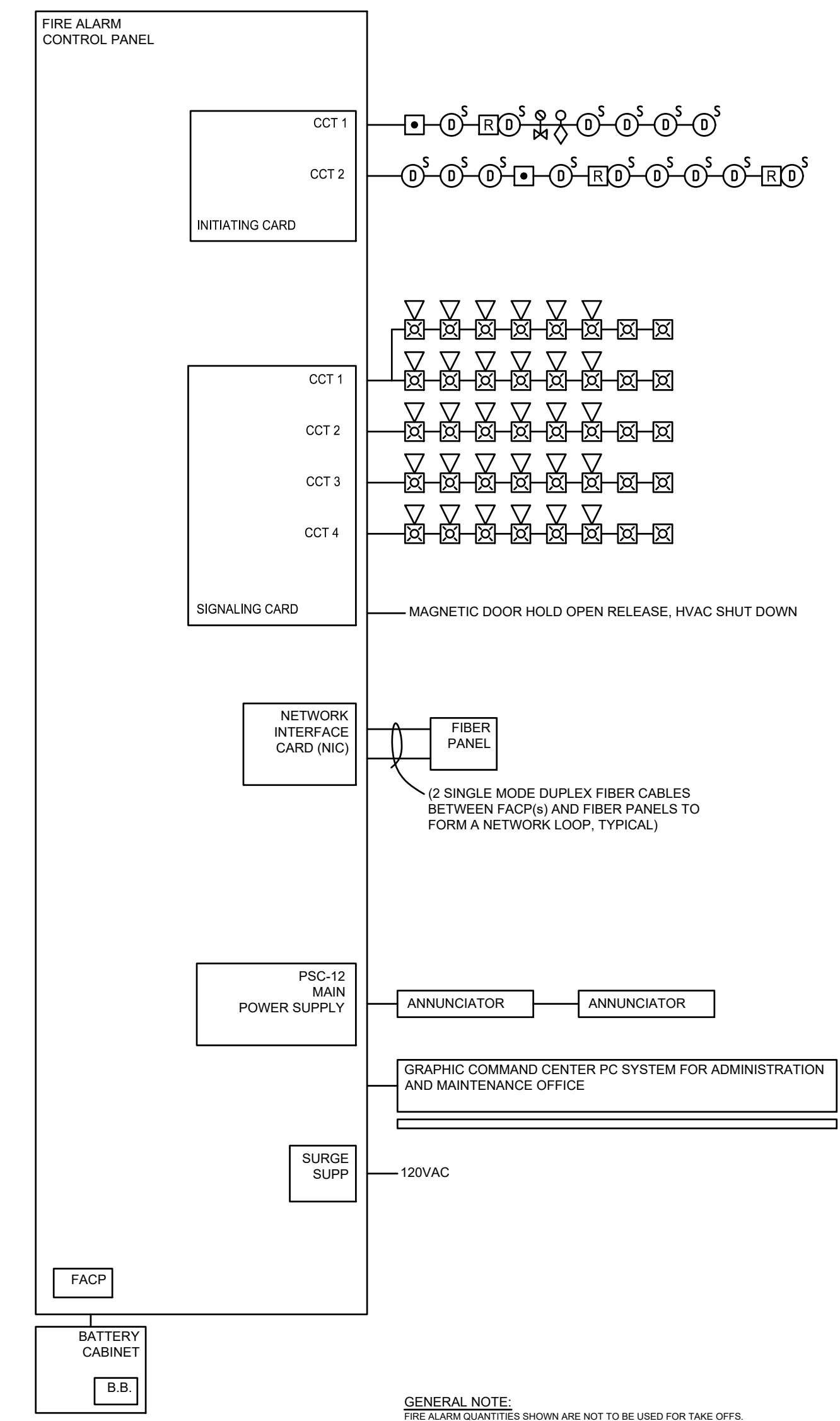
DETAIL NOTES

GENERAL NOTES

- A. THIS DETAIL IS GENERIC IN NATURE & IS NOT INTENDED TO SHOW EVERY DETAIL. ADAPT TO ACTUAL SITE CONDITIONS.
- B. PROVIDE INNERDUCTS TO PROTECT THE BACKBONE FIBER CABLES FROM POINT OF ENTRY TO THE COILED LOOPS ON THE PLYWOOD.
- C. STACKING FIBER BOXES IS ACCEPTABLE WHERE SPACE IS LIMITED.

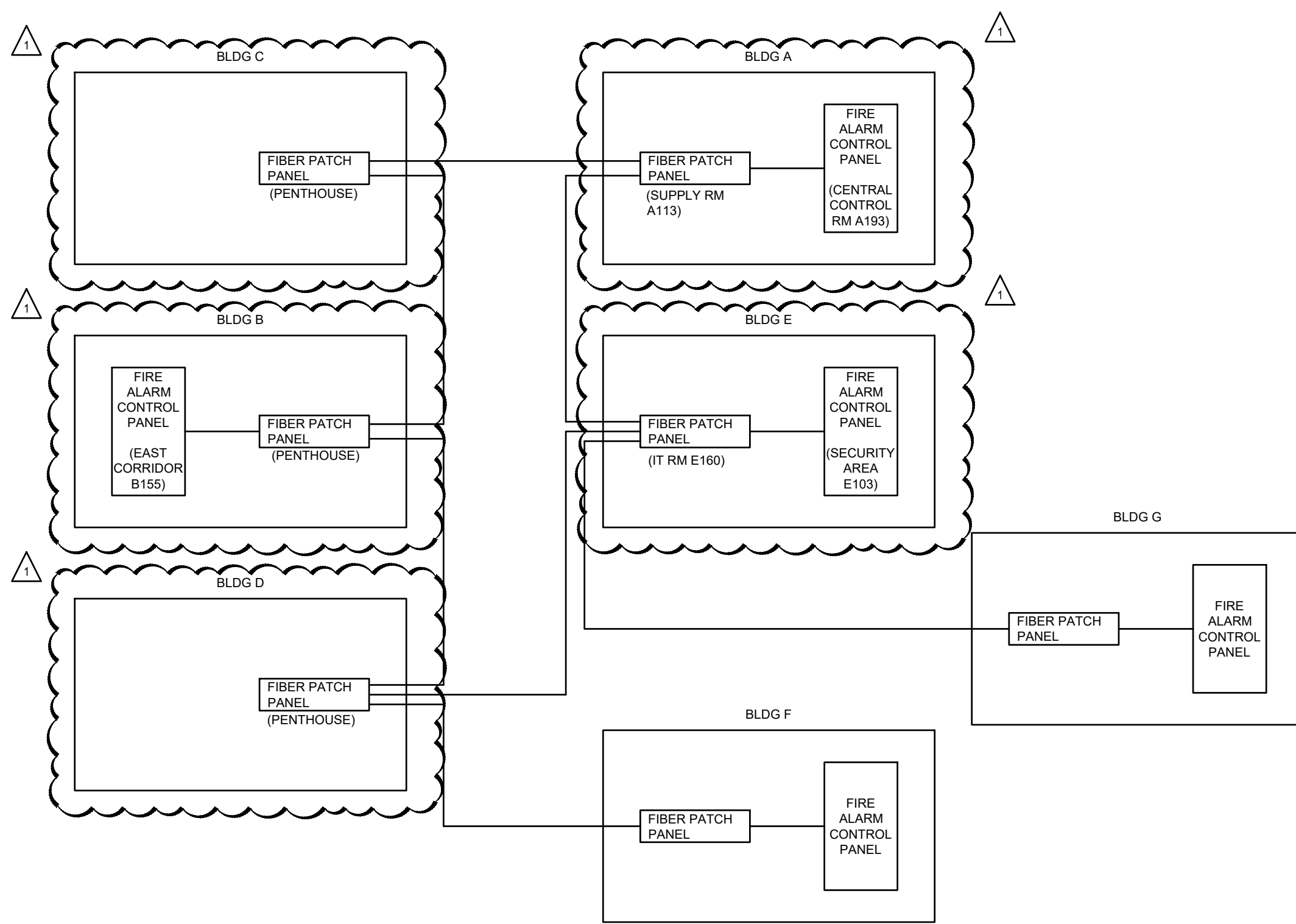
D14
E2.00 COMM ROOM FIBER BACKBONE EQUIPMENT ELEVATION DETAIL
SCALE: NONE

D13
E2.00 COMM ROOM FIBER BACKBONE EQUIPMENT ELEVATION DETAIL
SCALE: NONE



GENERAL NOTE:
FIRE ALARM QUANTITIES SHOWN ARE NOT TO BE USED FOR TAKE OFF'S.

D11
E2.00 GENERIC INDIVIDUAL BUILDING FIRE ALARM RISER
SCALE: NONE



DETAIL NOTES

GENERAL NOTES

- A. TERMINATE 48 STRAND OS2 CABLE WITH NEW PULL ROPES BETWEEN BUILDINGS AS SHOWN.
- B. SEE DETAILS THIS SHEET FOR FACP AND FIBER PATCH PANELS.

D17
E2.00 FIBER NETWORK ARCHITECTURE DIAGRAM
SCALE: NONE

No.	Issued For	Date
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