

**MOORE PUBLIC SCHOOLS -  
RED OAK ELEMENTARY SCHOOL –  
SECURITY UPGRADES AND CAMPUS ENCLOSURE**

Moore Public Schools - Moore, Oklahoma  
AGP - Moore, Oklahoma

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**CONSTRUCTION BULLETIN NO. 10**

February 24, 2025

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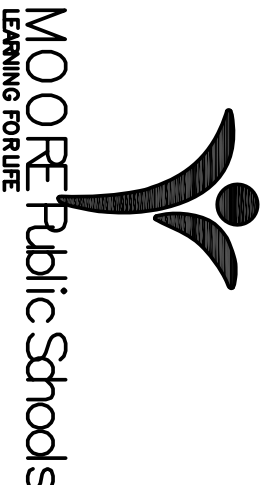
1. AS NOTED ON ATTACHED DRAWINGS, ADD NEW 48" SINGLE LEAF EXODUS EGRESS GATE/DOOR BETWEEN EXISTING CAFETERIA AND PORTABLE CLASSROOM BUILDING. GATE, HARDWARE, FENCING, ETC. SHALL BE THE SAME AS THE ITEMS ALREADY ACQUIRED AND INSTALLED ON THIS PROJECT.
2. PROVIDE NEW PREFINISHED METAL CANOPY AS INDICATED ON ATTACHED DETAILS 1A101, 4 & 5A101d. REFER TO ATTACHED SPECIFICATIONS FOR CANOPY REQUIREMENTS. PROVIDE GUTTERS, DOWNSPOUTS, FLASHING, ETC. CARE IS TO BE TAKEN DURING TEMPORARY REMOVAL OF MEMORIAL BRICKS, THEIR STORAGE, AND REINSTALLATION. ALL WORK SHALL BE COORDINATED WITH ARCHITECT.
3. ALL EXODUS/EGRESS GATES, FENCE PANELS AT EACH SIDE OF THE OPENINGS SHALL RECEIVE METAL MESS PANELS TO PREVENT THE POSSIBILITY OF REACHING-AROUND AND TRIPPING THE PANIC DEVICE TO GAIN ENTRY TO THE CAMPUS. MESH SHALL BE BLACK AND AS PER PREVIOUS CONVERSATIONS BETWEEN THE CM, THE ARCHITECT, AND THE FENCE SUPPLIER/MANUFACTURER. PLEASE VERIFY MATERIAL, INSTALLATION, ETC. WITH ARCHITECT PRIOR TO STARTING WORK. INCLUDING NEW GATE ADDED ABOVE, THERE SHOULD BE FOUR OPENINGS AFFECTED -CM TO FIELD VERIFY.
4. REFER TO ATTACHED DRAWINGS, ETC. CONCERNING NEW ACCESS CONTROL PANEL, PLYWOOD PANEL LOCATION, POST MOUNTED CARD READERS, ETC.

END OF CONSTRUCTION BULLETIN NO. 10



CG	drawn by	MA	checked by	MA	date	MAY 2024
revisions	ADDENDUM #3	CB-3	CB-10			

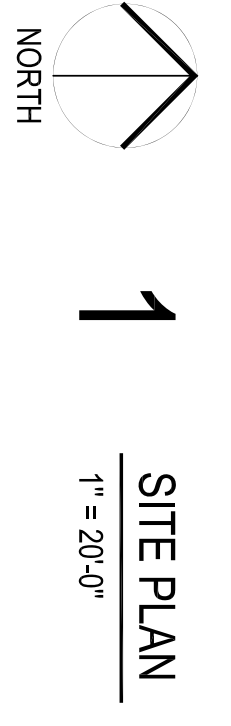
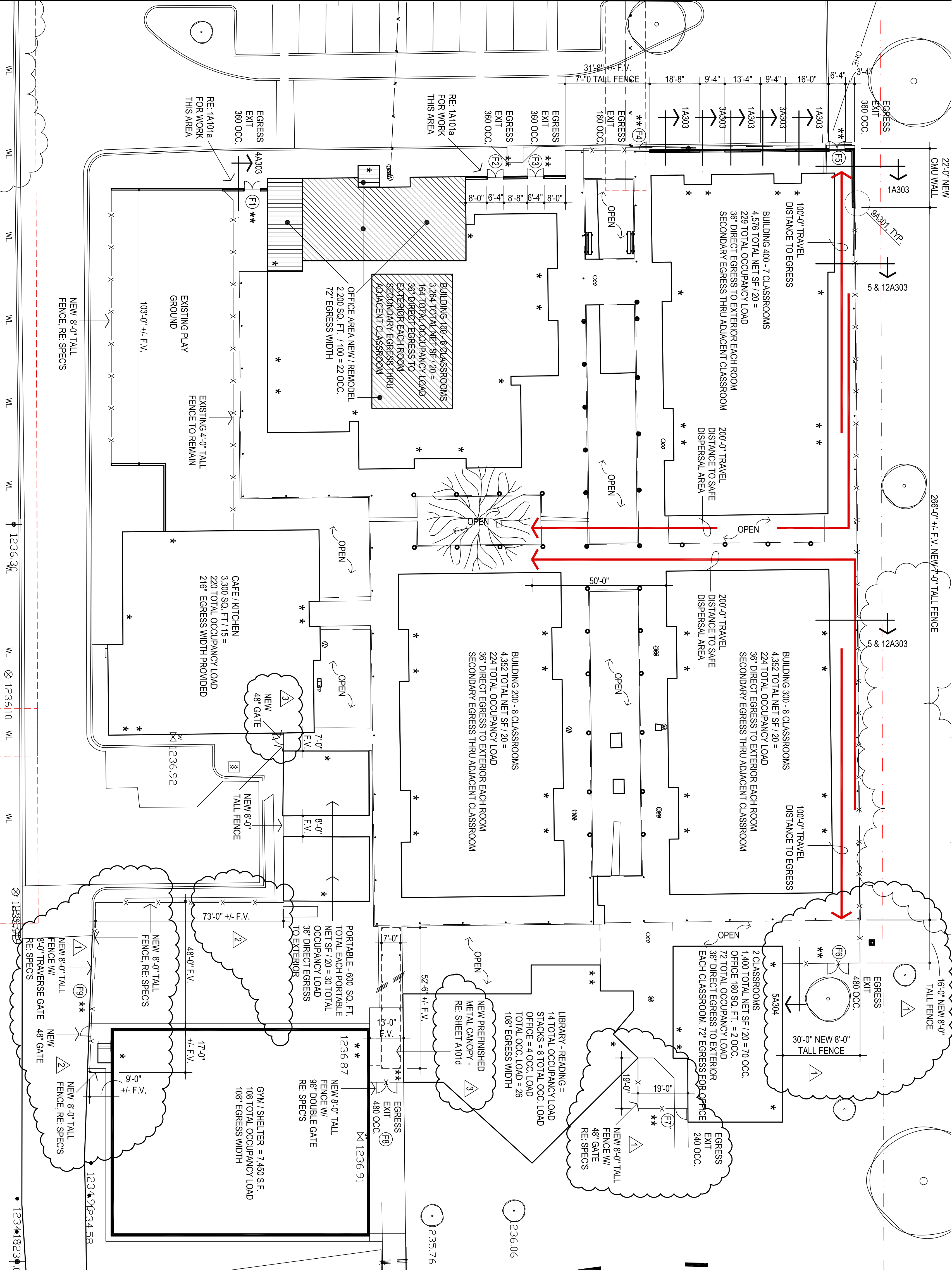
MOORE PUBLIC SCHOOLS  
BOARD OF EDUCATION  
MOORE, OKLAHOMA



RED OAK  
ELEMENTARY SCHOOL  
SECURITY UPGRADES

Sheet No: **A101**

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LEGEND:  
\* INDICATES EXISTING EXITS FROM BUILDINGS  
\*\* INDICATES LOCATION OF NEW SIGNAGE PLAQUES. RE: SHEET A801

**PASSIVE FIRE SAFETY SYSTEM:**  
PORTABLE FIRE EXTINGUISHERS  
TRAVEL DISTANCE = 200'-0" MAX.  
DEADEND - 25'-0" MAX.  
ACTUAL DEADEND - NONE

**ACTIVE FIRE SAFETY SYSTEMS:**  
FIRE ALARM SYSTEM  
SMOKE DETECTION  
AUTOMATIC AIR HANDLING EQUIP. SHUTDOWN  
EXIT LIGHT/EMERGENCY LIGHTS BATTERY

CODES/REGULATIONS USED (CITY OF OKLAHOMA CITY):  
2018 IBC - INTERNATIONAL BUILDING CODE  
AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES  
2017 NATIONAL ELECTRICAL CODE  
2018 INTERNATIONAL PLUMBING CODE  
2018 INTERNATIONAL MECHANICAL CODE  
2018 INTERNATIONAL FIRE CODE  
2009 ENERGY CONSERVATION CODE  
2009 ANSI  
ASSOCIATED SUPPLEMENTS TO EACH CODE

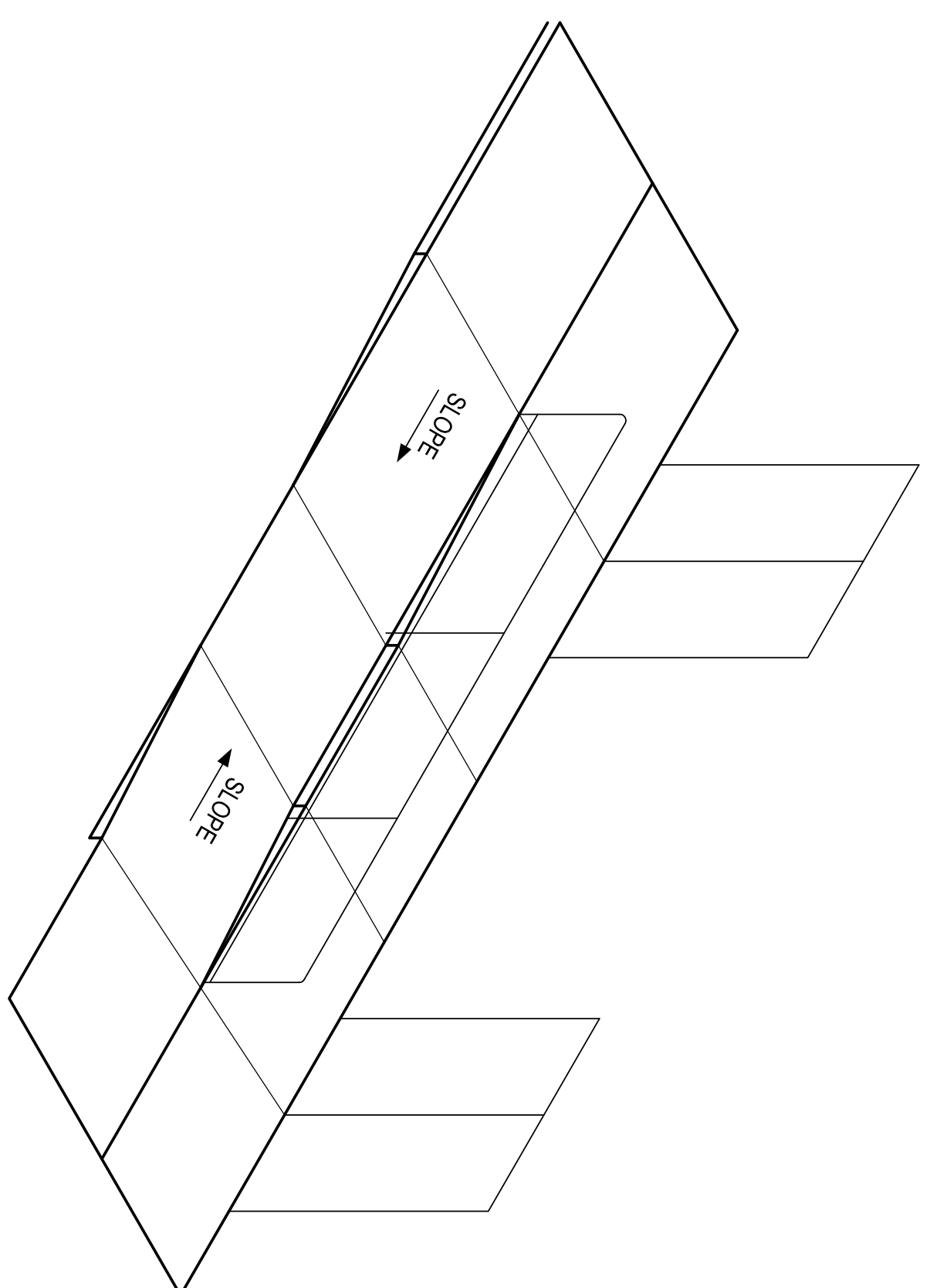
**CONSTRUCTION DATA (TABLE 503):**

OCCUPANCY -	E
CONSTRUCTION TYPE -	TYPE II - B
BASIC ALLOWABLE AREA -	58,000 S.F. PER FLOOR
ALLOWABLE STORIES -	3
ACTUAL STORIES -	1
ACTUAL HEIGHT -	16'-8"

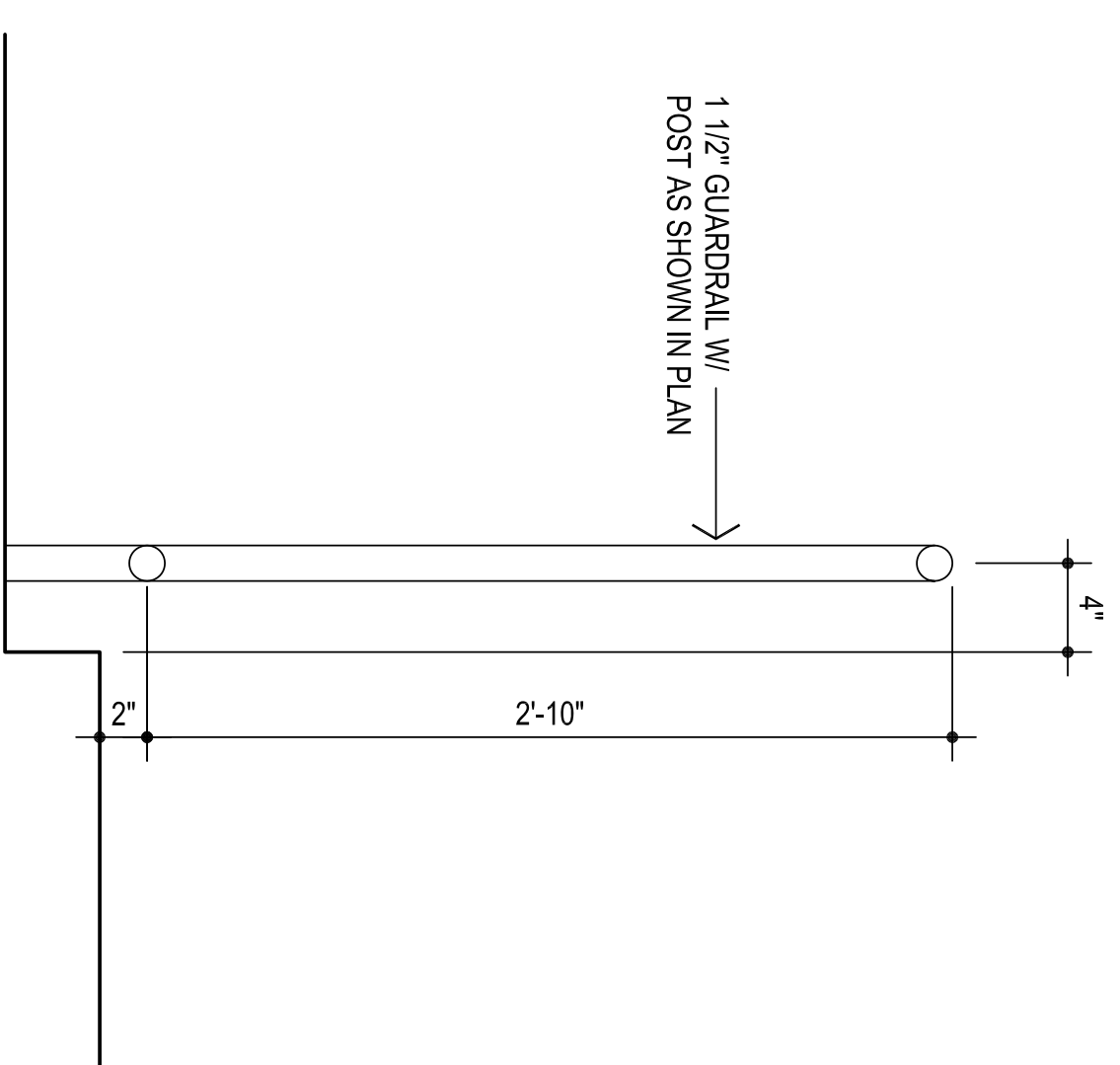
**STRUCTURAL FIRE PROTECTION (TABLE 601):**

EXTERIOR BEARING WALLS	0 HOUR
INTERIOR BEARING WALLS	NONCOMBUSTIBLE
EXTERIOR NONBEARING WALLS	NONCOMBUSTIBLE
COLUMNS	0 HOUR
BEAMS	0 HOUR
PERMANENT PARTITIONS	NONCOMBUSTIBLE
FLOOR ASSEMBLIES	0 HOUR
ROOF ASSEMBLIES	0 HOUR
EXTERIOR OPENINGS	N/A

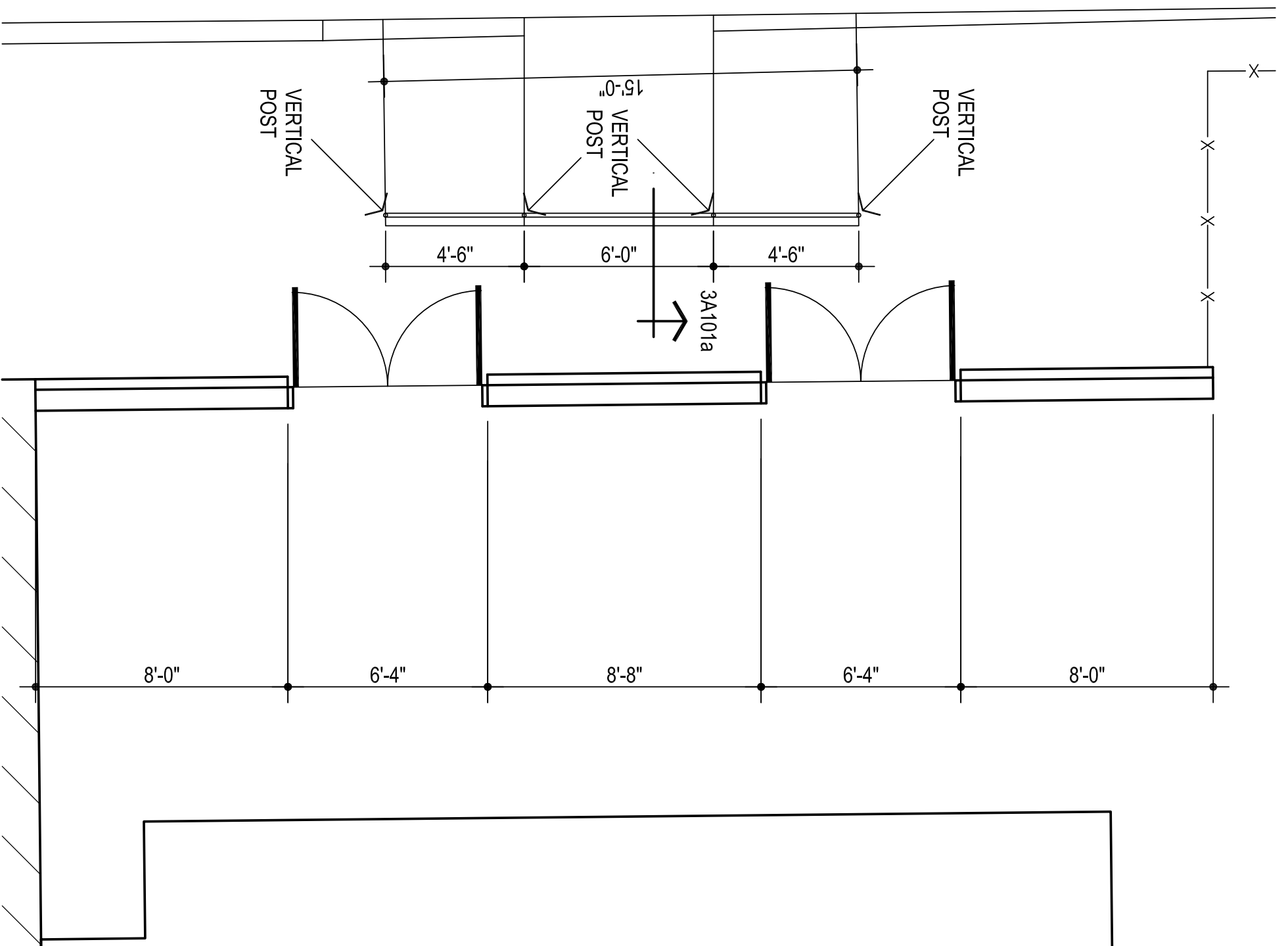




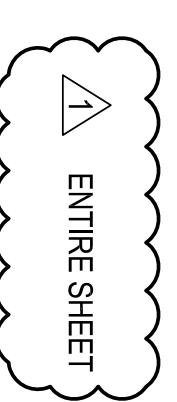
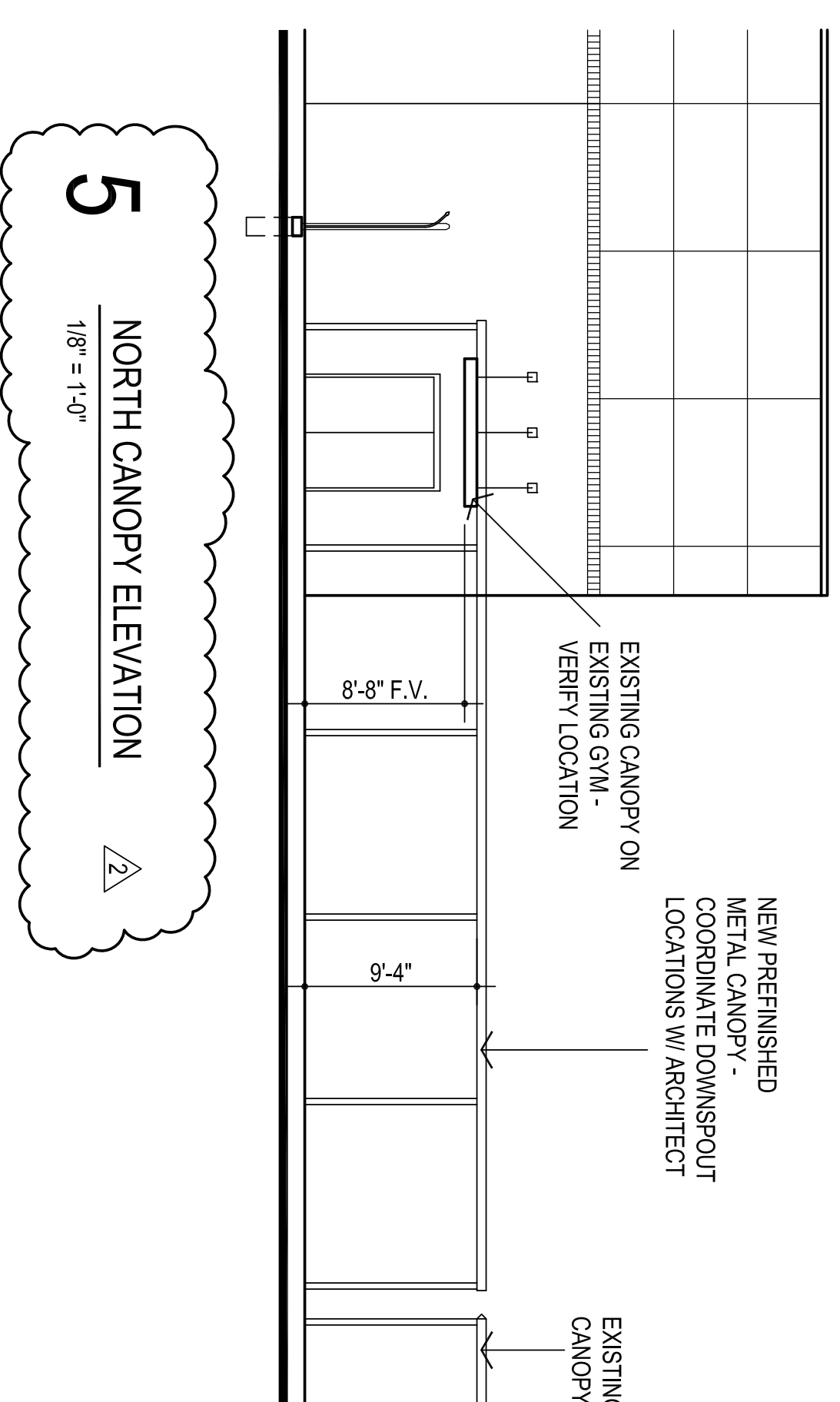
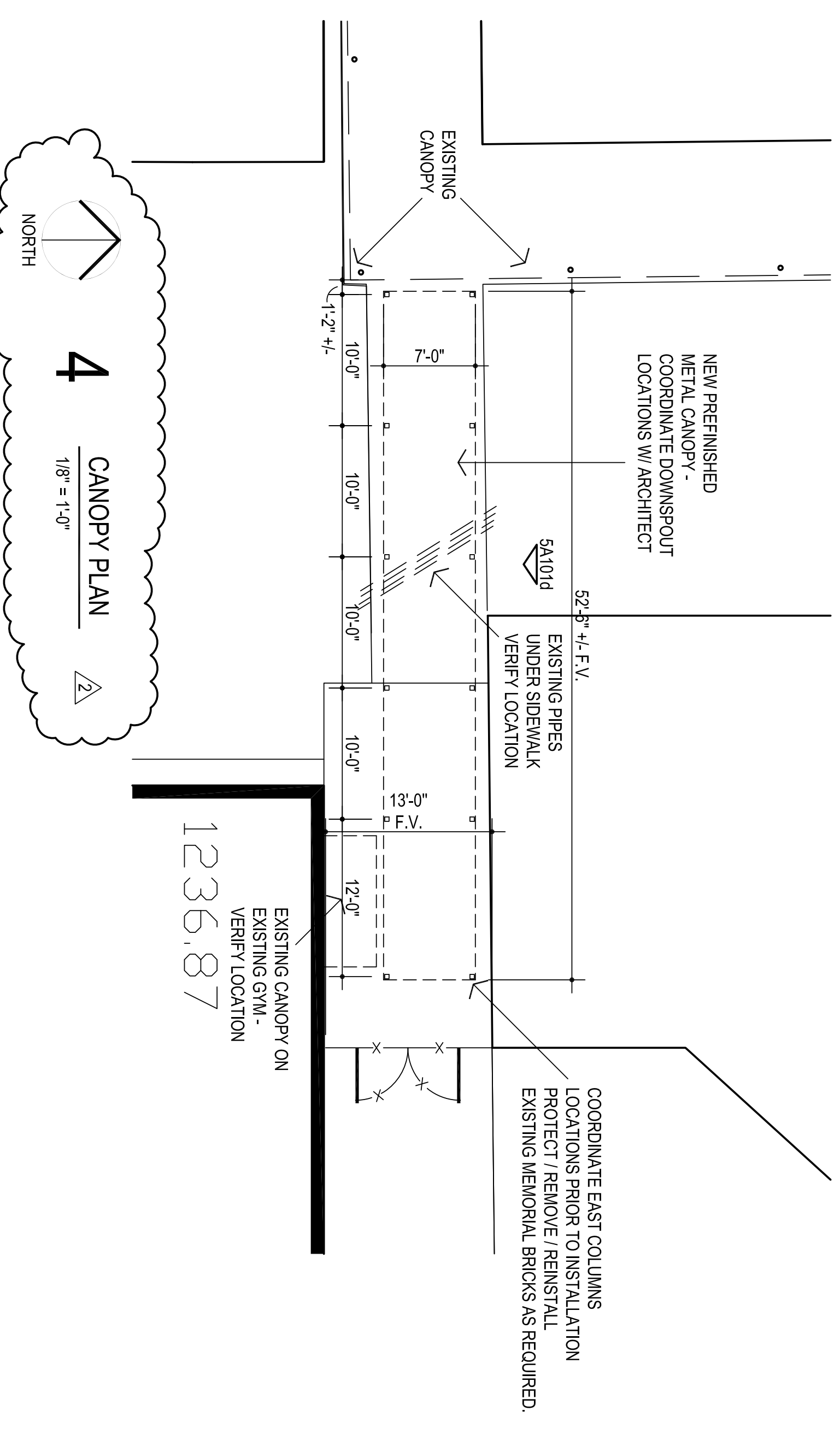
**1**  
ISOMETRIC  
NOT TO SCALE



**3**  
GUARDRAIL SECTION  
1 1/2" = 1'-0"



**2**  
GUARDRAIL PLAN  
1/4" = 1'-0"



## DIVISION 10 - SPECIALTIES

### SECTION 10530 - POST SUPPORTED WALKWAY CANOPIES

#### Part 1 - General

##### 1.1 Description of Work

1. Work in this section includes furnishing and installation of extruded aluminum walkway canopies or extruded aluminum wall-supported canopies as manufactured by Mapes Industries Inc. or approved equal.
2. Related Items and Considerations
  1. Flashing of various designs may be required. Generic flashing supplied by Mapes. Specialty flashing to be supplied by installer.
  2. Determine wall construction, make-up and thickness.
  3. Ensure adequate wall condition to carry canopy loads where required.
  4. Consider water drainage away from canopy where necessary.
  5. Any necessary removal or relocation of existing structures, obstructions or materials.

##### 1.2 Quality Assurance

1. Products meeting these specifications established standard of quality required as manufactured by Mapes Industries, Inc. Lincoln, Nebraska 1-888-273-1132.

##### 1.3 Field Measurement

1. Confirm dimensions prior to preparation of shop drawings when possible.
2. If requested, supply manufacturer's standard literature and specifications for canopies.
3. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.

##### 1.4 Performance Requirements

1. Canopy must conform to local building codes.
2. PE Stamped calculations are not required.

##### 1.5 Deliver, Storage, Handling

1. Deliver and store all canopy components in protected areas.

##### 1.6 Products of certain manufacturers are specified herein to simplify descriptions of design, construction, and/or materials only. Proprietary names are not intended to imply that products of named manufacturer are required to the exclusion of equivalent products of other manufacturers.

## DIVISION 10 - SPECIALTIES

### SECTION 10530 - POST SUPPORTED WALKWAY CANOPIES

#### Part 2 - Products

##### 2.1 Manufacturer

1. Mapes Canopies  
Lincoln, Nebraska  
Phone: 1-888-273-1132.  
Fax: 1-877-455-6572.

##### 2.2 Materials

1. Decking shall consist of a 2 3/4" Extruded .078" Decking.
2. Beams shall be 4"x7".
3. Posts shall be 4"x4".
4. Fascia shall be standard extruded 8" J style.

##### 2.3 Finishes

1. Finish type shall be 2-Coat Kynar Finish. Color to be selected by Architect from manufacturer's standard colors.

##### 2.4 Fabrication

1. Support columns and gutter beams shall be designed such that the columns will be notched to create a "saddle" that will receive and secure the gutter beams.
2. Post and beams shall be mechanically assembled utilizing 3/16" fasteners with a minimum shear stress of 350 lb. Pre-welded or factory-welded connections are not acceptable.
3. Decking shall be designed with interlocking extruded aluminum members with mechanical fasteners field applied to provide structural integrity for the completed assembly.
4. Concealed drainage. Water shall drain from covered surfaces into intermediate trough and be directed to Standard Post Drain.

#### Part 3 - Execution

##### 3.1 Inspection

1. Confirm that surrounding area is ready for the canopy installation.
2. Installer shall confirm dimensions and elevations to be as shown on drawings provided by Mapes Industries.
3. Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area is completed

##### 3.2 Installation

1. Installation shall be in strict accordance with manufacturer's shop drawings. Particular attention should

**DIVISION 10 - SPECIALTIES**

**SECTION 10530 - POST SUPPORTED WALKWAY CANOPIES**

be given to protecting the finish during handling and erection.

**3.3 After installation, entire system shall be left in a clean condition.**

**End of Section**

**Construction Bulletin # 10**

Client: Abla Griffin Partnership  
 Project Name: Red Oak Campus Renovation  
 Project Number: 2024-02321-00

February 20, 2025

Requested by:  Owner  
 Contractor:  
 Salas O'Brien:



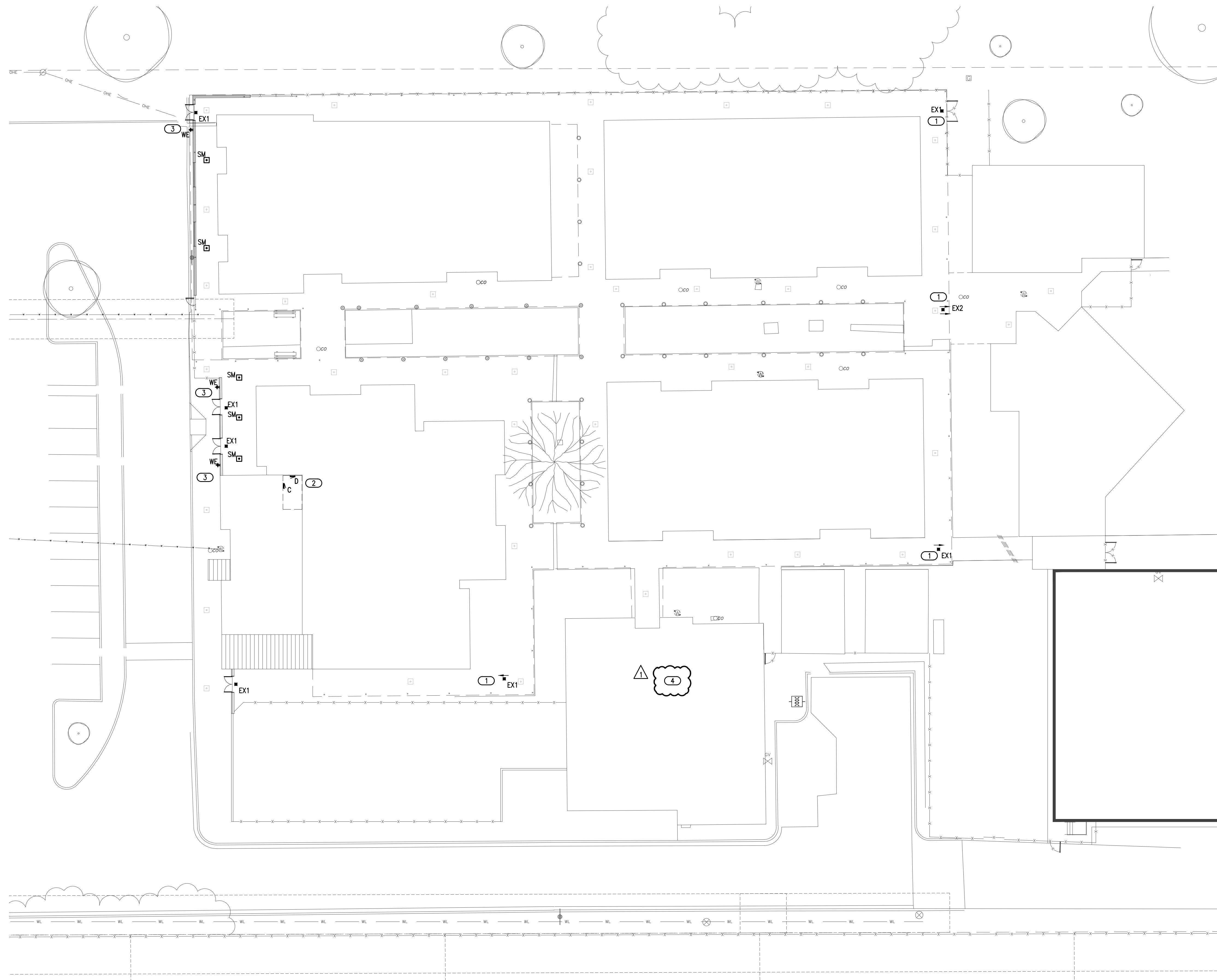
To: Mike Abla, Clay Griffin

This Construction Bulletin is issued to:

- Offer additional information for clarification or supplemental drawings for layout assistance.
- Request cost and time impact to initiate a change to the Contract Documents. Owner approval is required, do not commence with revisions unless directed in writing. Avoid Work in areas that may be affected by proposed change until approved or rejected. Once approved, forward Change Order documentation as required by the Contract Documents.
- Direct a required change in the Contract Documents. Proceed with change(s) as indicated. Forward Change Order documentation as required by the Contract Documents.
- Response to RFI \_\_\_\_\_.

Item No.	Description	Attachment
1	Refer to clouds and deltas for changes.	E-100
2	Refer to clouds and deltas for changes.	T100
3	Refer to clouds and deltas for changes.	T101
4	Refer to clouds and deltas for changes.	T401

**END OF CB-10**



- LIGHTING GENERAL NOTES**
1. CONNECT BATTERY PACKS TO UNSWITCHED HOT OF LOCAL LIGHTING CIRCUIT.
  2. COORDINATE WITH THE ARCHITECT, OWNER, AND ASSOCIATED TRADES FOR THE EXACT HEIGHT/LOCATION OF EXTERIOR MOUNTED LIGHTING FIXTURES PRIOR TO ROUGH-IN.
  3. LABEL SWITCH PLATES AND J-BOXES WITH CIRCUIT PER SPECS.
  4. ALL NEW DEVICES TO BE GRAY UNLESS OTHERWISE NOTED.
  5. ALL NEW LIGHTING TO BE CONNECTED TO EXISTING EXTERIOR LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED IN DRAWINGS. EC TO DETERMINE PEAK LOAD ON PANEL AND REPORT ANY ANOMALIES TO THE ARCHITECT AND ENGINEERING BEFORE PROCEEDING.
  6. PROVIDE NEW LIGHTING CONTACTOR. NEW LIGHTS SHALL BE CONTROLLED BY CONTACTOR TO INTERLOCK WITH EXISTING LIGHTING CONTROLS. EC SHALL FIELD INVESTIGATE AND REPORT ANY ANOMALIES TO THE ARCHITECT AND ENGINEER PRIOR TO PROCEEDING.

- KEYED NOTES**
- 1 NEW EXIT SIGN TO BE CEILING MOUNTED AND TO BE PLACED UNDER CANOPY.
  - 2 APPROXIMATE LOCATION OF EXISTING PANELS. EC TO FIELD VERIFY EXACT LOCATION AND EXISTING CONDITIONS.
  - 3 EC TO PROVIDE NEW 120V CONNECTION FOR NEW WALL PACKS.
  - 4 EC TO PROVIDE NEW 120V DEDICATED CONNECTION FOR NEW ACCESS CONTROL PANEL. NEW ACCESS CONTROL PANEL TO BE LOCATED NEXT TO EXISTING ACCESS CONTROL PANEL. COORDINATE EXACT LOCATION WITH LOW VOLTAGE CONTRACTOR AND OWNER ON SITE. EXTEND CIRCUITING FROM NEAREST 120V PANEL.

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KFC ENGINEERING  
STRUCTURAL

SALAS O'BRIEN  
PLUMBING / MECHANICAL / ELECTRICAL



JV  
drawn by

TV  
checked by

February 2025  
date

revisions  
1 02/20/25 CB-10

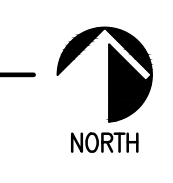
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sheet no:  
**E100**

**1 ELECTRICAL SITE PLAN**  
SCALE: 1" = 20'-0"

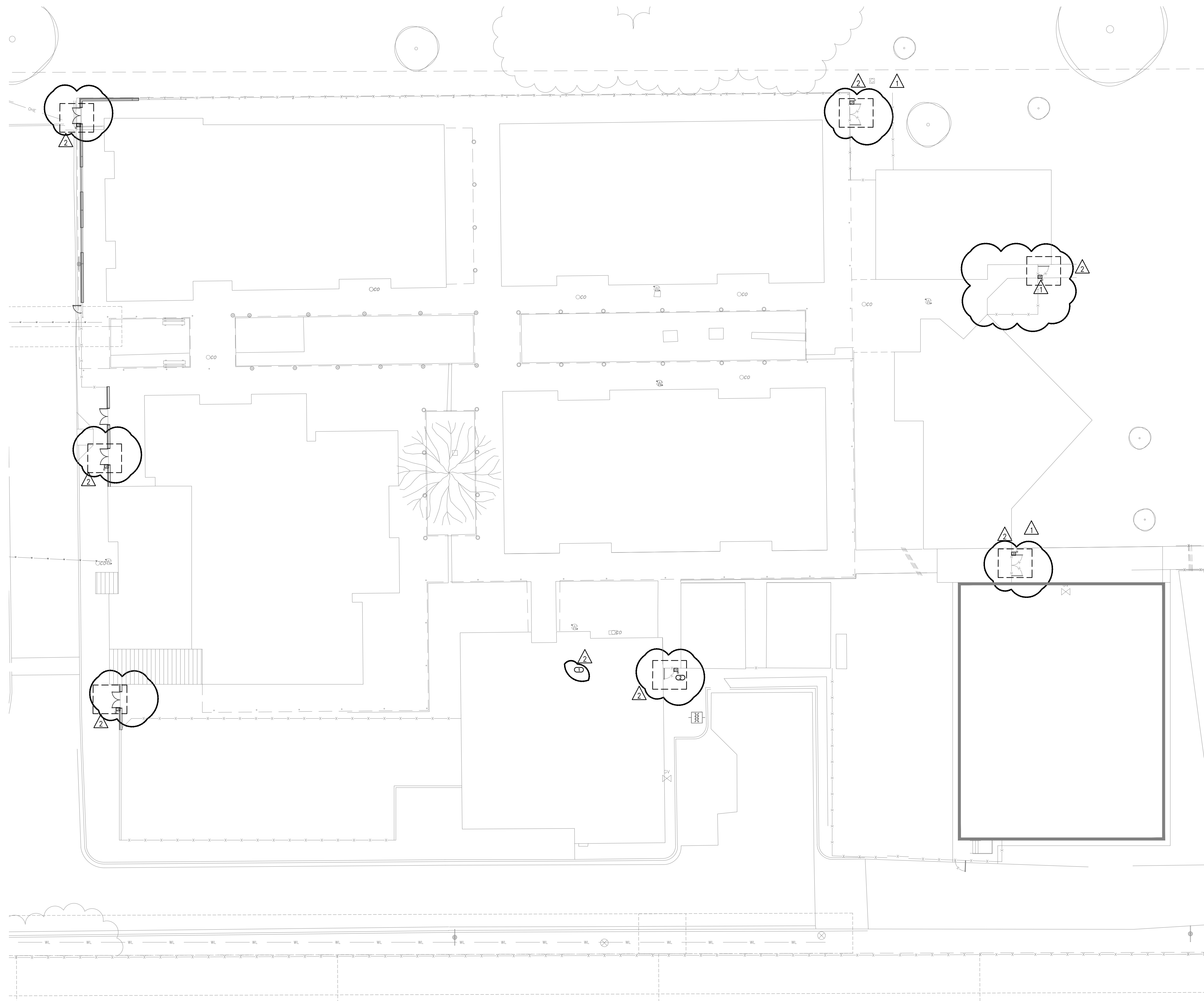


**Salas O'Brien**

2600 Van Buren St., Suite 2835  
Norman, OK 73072  
Salas O'Brien Registration: CA# 7058  
Expiration Date: 6/30/2023  
Salas O'Brien Project Number: 2024-02321

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**GENERAL NOTES**

A. REFERENCE ARCHITECTURAL PLANS FOR ADDITIONAL DOOR/GATE INFORMATION.

B. ALL ACCESS CONTROL AND INTRUSION DEVICES SHALL CONNECT TO CONTRACTOR PROVIDED KEYSKAN CONTROLLER AND DSC ZONE EXPANDER AND POWER SUPPLY. REFERENCE TECHNOLOGY COMPOSITE PLANS FOR LOCATIONS.

**FIRE ALARM**

A. FIRE ALARM SYSTEM IS A PERFORMANCE BASED PER SHEET SPECIFICATIONS. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.

C. FIRE ALARM SYSTEM TO BE UPGRADED. EXISTING BUILDING(S) AND RENOVATION AREA SHALL BE COVERED BY UPGRADED SYSTEM.

**KEYED NOTES**

1 CONTRACTOR TO PROVIDE AND INSTALL NEW 2-DOOR ACCESS CONTROL PANEL ADJACENT TO EXISTING ACCESS CONTROL PANEL IN THIS BUILDING.

2 'M' SUBSCRIPT INDICATES MULLION/POST MOUNTED CARD READER. TYPICAL FOR ALL SHOWN.

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SALAS O'BRIEN  
PLUMBING / MECHANICAL / ELECTRICAL

NY  
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NY  
checked by  
February 2025  
date  
02/20/25 CB-10  
revisions  
06/19/24 ADDENDUM 02

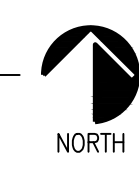
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RED OAK  
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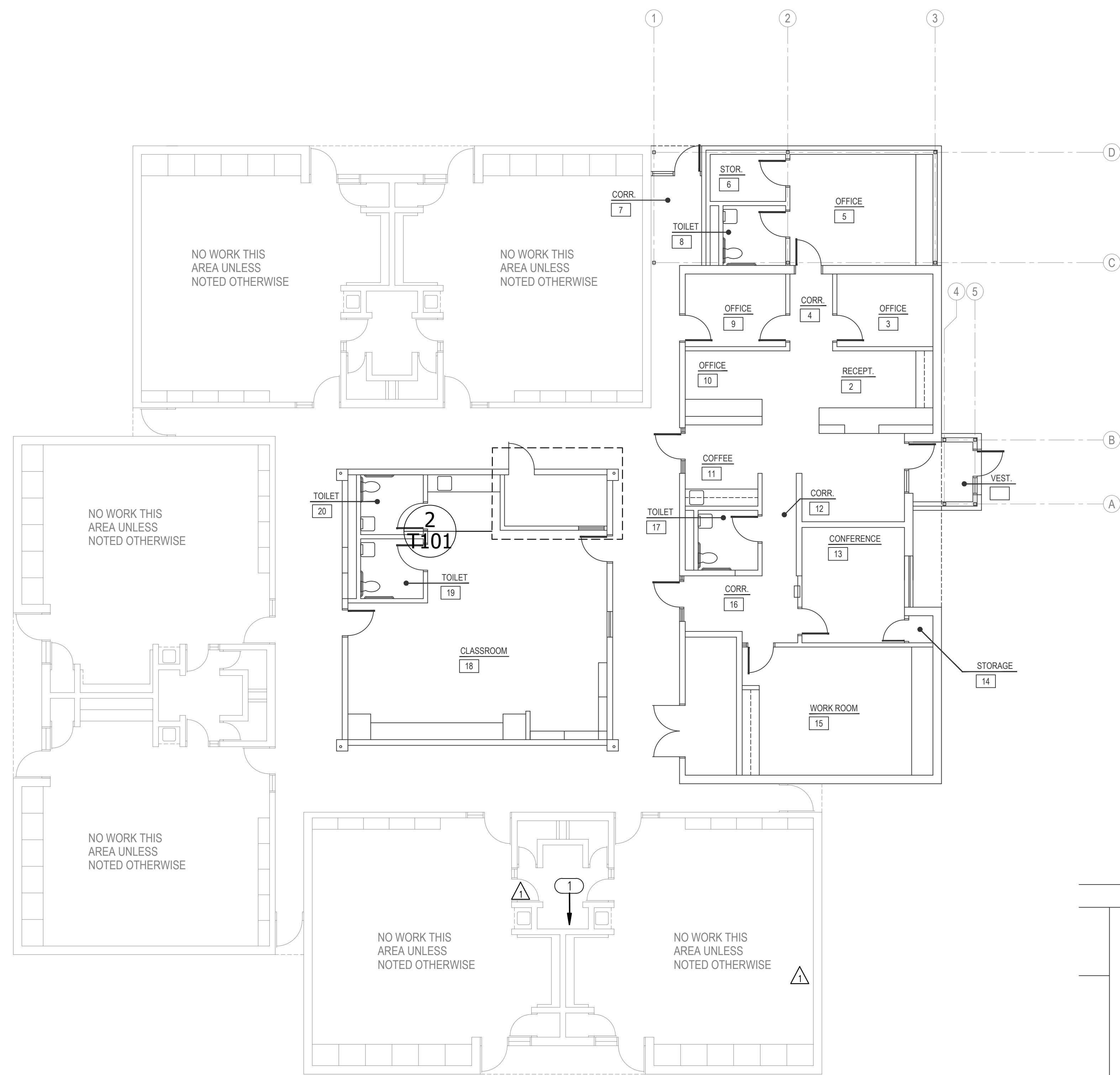
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**T100**

**1 TECHNOLOGY SITE PLAN**  
SCALE: 1" = 20'-0"



**Salas O'Brien**  
2600 Van Buren St., Suite 2835  
Norman, OK 73072  
Salas O'Brien Registration: CA# 7058  
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**GENERAL NOTES**

SECURITY: CONNECT NEW SECURITY DEVICES TO NEW DSC ZONE EXPANDER AND POWER SUPPLY. CONNECT NEW ZONE EXPANDER AND POWER SUPPLY TO EXISTING DSC MAIN PANEL VIA (2) 16 GAUGE 4 CONDUCTOR NON-SHIELDED CABLES. SEE SECURITY SPECIFICATIONS FOR PART NUMBERS AND INSTALLATION REQUIREMENTS.

INTERCOM: CONNECT NEW INTERCOM DEVICES TO EXISTING TELECOR INTERCOM SYSTEM. SEE INTERCOM SPECIFICATIONS FOR PART NUMBERS AND INSTALLATION INSTRUCTIONS.

DATA: CONNECT NEW DATA, WIFI AND CAMERA DROPS TO NEW IDF. CONNECT NEW IDF TO EXISTING MDF WITH FIBER OPTIC AND CATEGORY 6 CABLES. SEE NETWORK SPECIFICATIONS FOR FIBER AND CATEGORY 6 CABLE INFORMATION.

CLOCK: CLOCKS SHALL BE TELECOR ANALOG AND SHALL CONNECT TO THE EXISTING SYSTEM. PROVIDE TELECOR CLOCK DRIVER IF NEEDED.

ACCESS CONTROL: CONNECT NEW ACCESS CONTROL DEVICES TO NEW KEYSKAN CONTROLLER.

FIRE ALARM: FIRE ALARM SYSTEM TO BE UPGRADED. EXISTING BUILDING(S) AND RENOVATION AREA SHALL BE COVERED BY UPGRADED SYSTEM.

ADDITIONAL NOTES: CONTRACTOR TO RELOCATE EXISTING WIRELESS HOLD UP BUTTONS FROM OLD OFFICE TO NEW OFFICE. INSTALL HOLDUP BUTTONS UNDER COUNTER AND CONNECT TO EXISTING SYSTEM.

**KEYED NOTES**

1 EXISTING MDF LOCATION.

2 NEW DSC ZONE EXPANDER AND POWER SUPPLY.

3 INDICATES THE LOCATION OF A 8' TALL, 3/4" FIRE RATED PLYWOOD CONTRACTOR TO PROVIDE AND INSTALL PLYWOOD AND ALL REQUIRED MOUNTING HARDWARE. PLYWOOD SHALL BE PAINTED WHITE WITH FIRE RATED PAINT. TYPICAL FOR ALL SHOWN ON DRAWING.

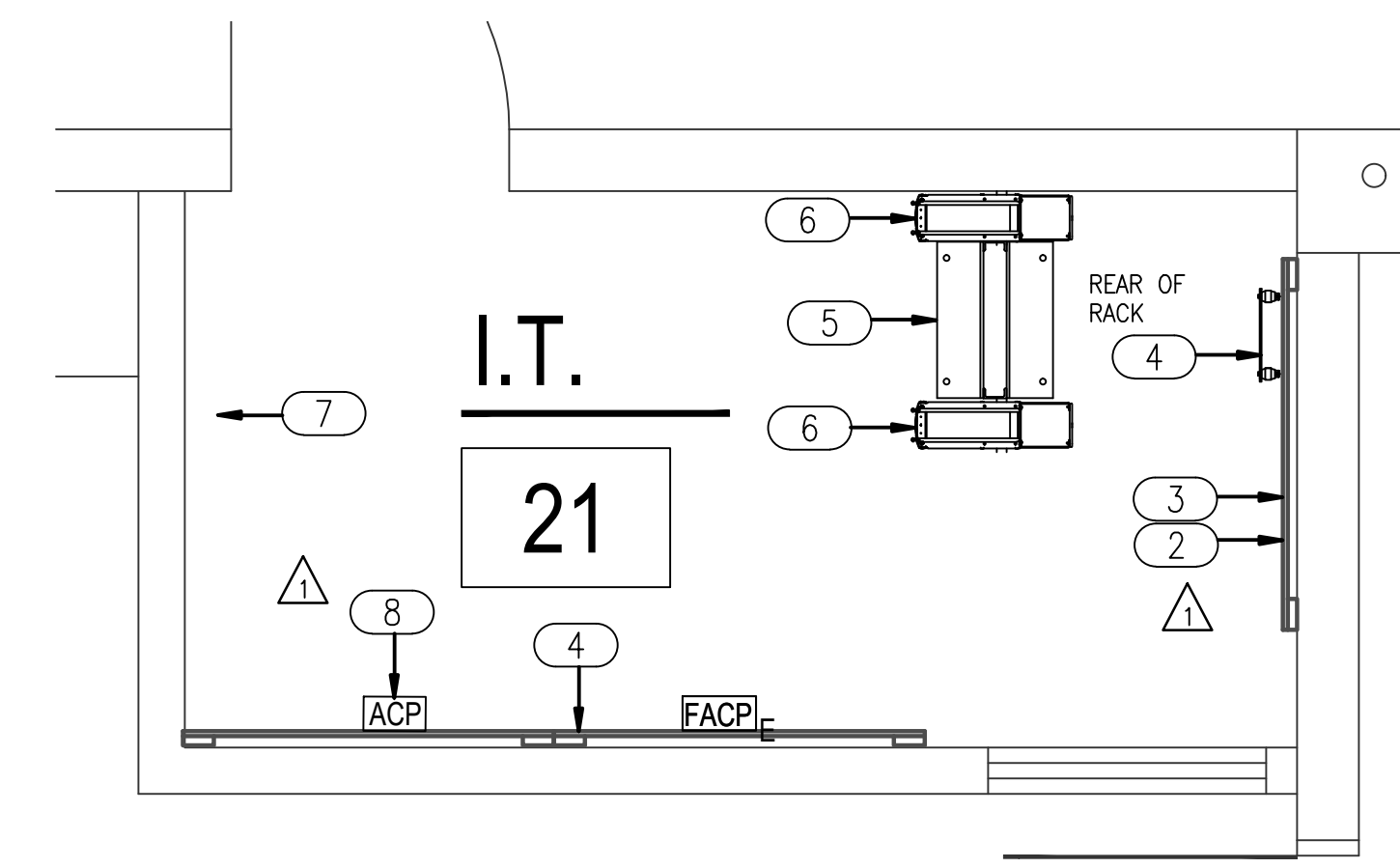
4 INDICATES THE LOCATION OF A NEW WALL MOUNTED TELECOMMUNICATION GROUND BUS BAR (TGBB). CABLING CONTRACTOR TO PROVIDE BUS BAR AND ALL REQUIRED MATERIAL TO MOUNT AT THE LOCATION SHOWN. TGBB TO BE MOUNTED AT +93" A.F.F.

5 PROVIDE AND INSTALL ONE (1) 2-POST, FLOOR MOUNTED, 7' RELAY RACK (BLACK IN COLOR). PROVIDE BONDING WASHERS, BOLTS, AND NUTS AT ALL MECHANICALLY CONNECTED LOCATIONS OF THE RACK TO ENSURE THAT ALL PIECES OF THE RACK ARE COMPLETELY BONDED. SCRAPING PAINT FROM RACKS TO MAKE A BOND WILL NOT BE ACCEPTED. ALL RACK MOUNTED COMPONENTS SHALL BE MOUNTED WITH BONDING SCREWS AND THE CONTRACTOR SHALL PROVIDE THE OWNER WITH (50) ADDITIONAL BONDING SCREWS FOR THE INSTALLATION OF OWNER EQUIPMENT. NO DAISY CHAINING GROUNDS FROM RACK TO CABLE TRAY OR TO OTHER RACKS WILL BE ACCEPTED. ALL GROUNDS SHALL BE HOME RUN TO THE TELECOMMUNICATIONS GROUND BUS BAR (TGBB). TYPICAL FOR ALL SHOWN ON THE ENTIRE PROJECT.

6 PROVIDE AND INSTALL ONE (1) 7'x6", FRONT AND REAR MANAGED, VERTICAL CABLE MANAGER (BLACK IN COLOR). CABLE MANAGERS SHALL BE INSTALLED ON EACH END OF THE RACK SYSTEMS AND BETWEEN EACH RACK. CABLE MANAGERS SHALL HAVE A SINGLE, SOLID, FULL HEIGHT HINGED DOOR IN THE FRONT AND WIDE SPACED CABLE RINGS WITH SPIN-OPEN LATCHES IN THE REAR. TYPICAL FOR ALL SHOWN IN THE ENTIRE PROJECT.

7 EXISTING TELECOR INTERCOM SYSTEM HEAD END.

8 INDICATED LOCATION OF NEW KEYSKAN ACCESS CONTROL PANEL.



**1** TECHNOLOGY COMPOSITE PLAN  
SCALE: 1/8" = 1'-0"

**2** TECHNOLOGY ENLARGED PLAN - IDF  
SCALE: 1/8" = 1'-0"

NY  
drawn by  
checked by  
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06/19/24 ADDENDUM 02

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**T101**

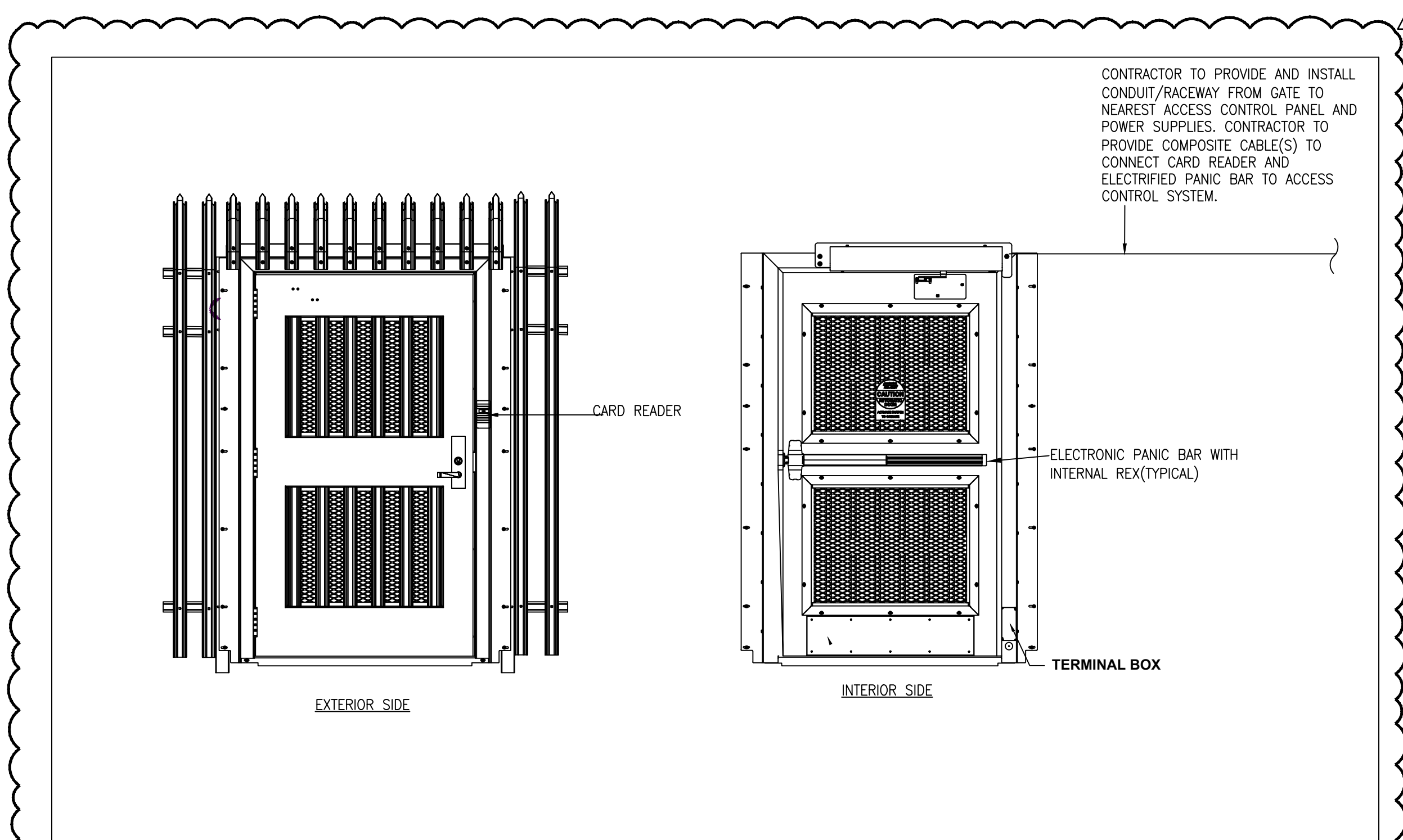


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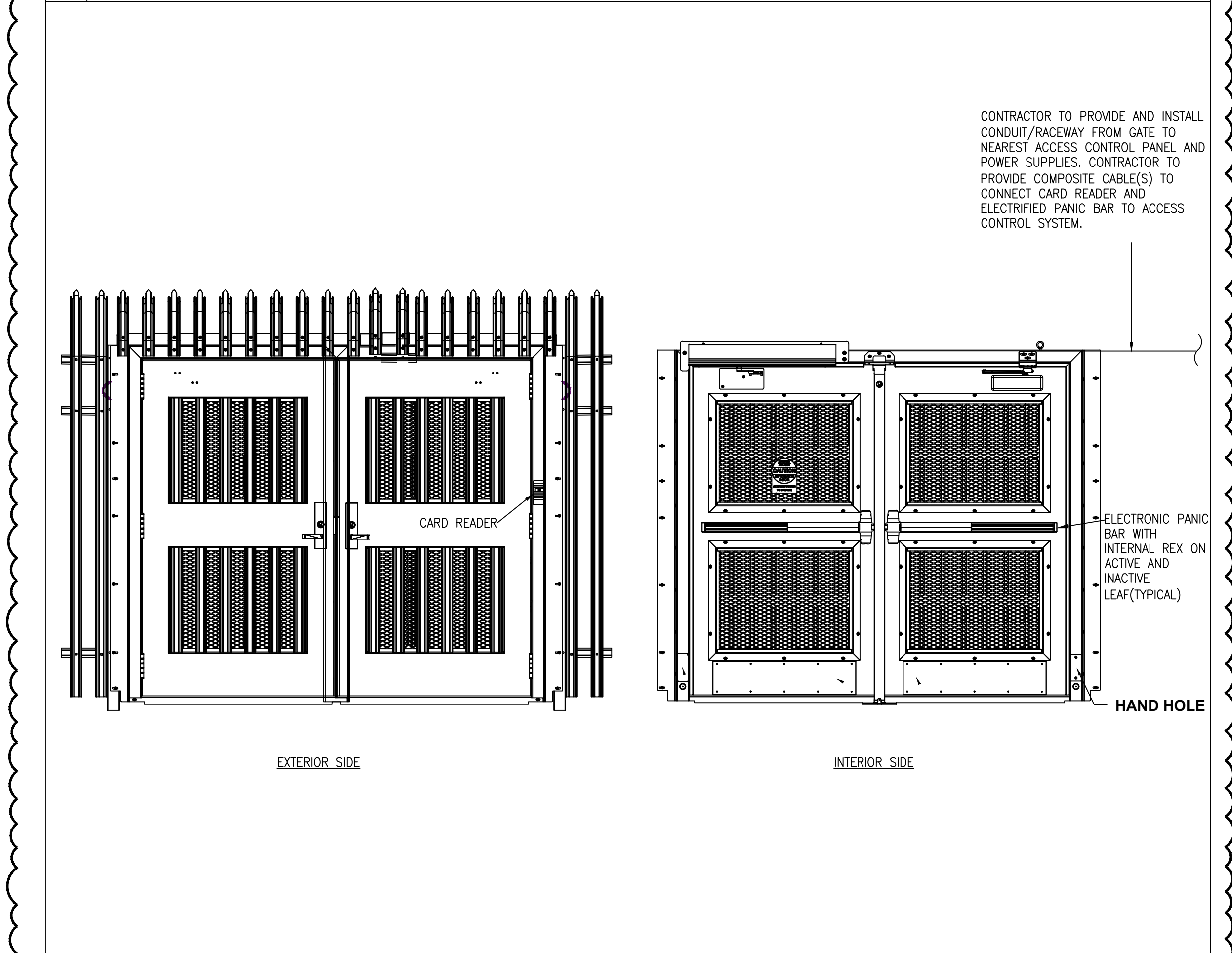
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01 EGRESS GATE - SINGLE DOOR

NOT TO SCALE



02 EGRESS GATE - DOUBLE DOOR

NOT TO SCALE

NY

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February 2025

date

02/20/25 CB-10

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