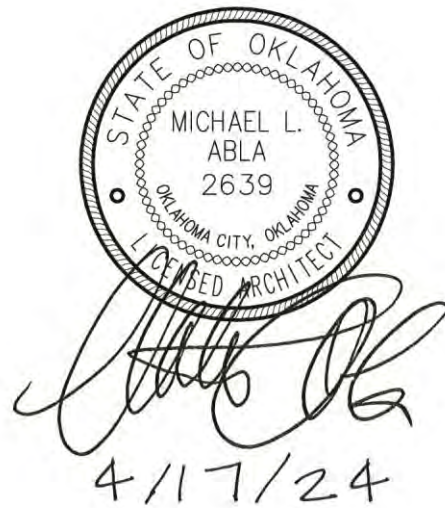


**MOORE PUBLIC SCHOOLS -
WINDING CREEK ELEMENTARY
SECURITY UPGRADES**

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

ADDENDUM NO. 1

April 17, 2024



This addendum is applicable to work designated herein, shall be understood to be an Addendum, and as such shall be included in the Contract Agreement.

Receipt of this Addendum shall be acknowledged by the Construction Management Firm notifying this office in writing, and by any applicable subcontractor to the CM.

This addendum consists of two (2) pages with attachments of eleven (11) 8.5"x11" pages and seven (7) 24"x36" sheets.

A. Drawings:

Civil and Structural

1. Sheet C200, Detail 1, Demolition Site Plan: added relocation of existing bicycle racks. Refer to attachment.
2. Sheet C900, Detail 11, New Concrete Ramp: added ramp detail. Refer to attachment.

Architectural

1. Sheet A100, Detail 1, Site Plan: added bicycle rack relocations and revised concrete ramp at southeast corner of project. Refer to attachment.
2. Sheet A201, Details 1 and 3, South Elevation, Cont. and Typical Security Gate Detail: added concrete ramp revisions and security gate information for gates 11, 12, 13, and 15. Refer to attachment.
3. Sheet A601, Detail 2, Door Schedule: revised schedule. Refer to attachment.

Mechanical, Electrical, Plumbing, and Technology

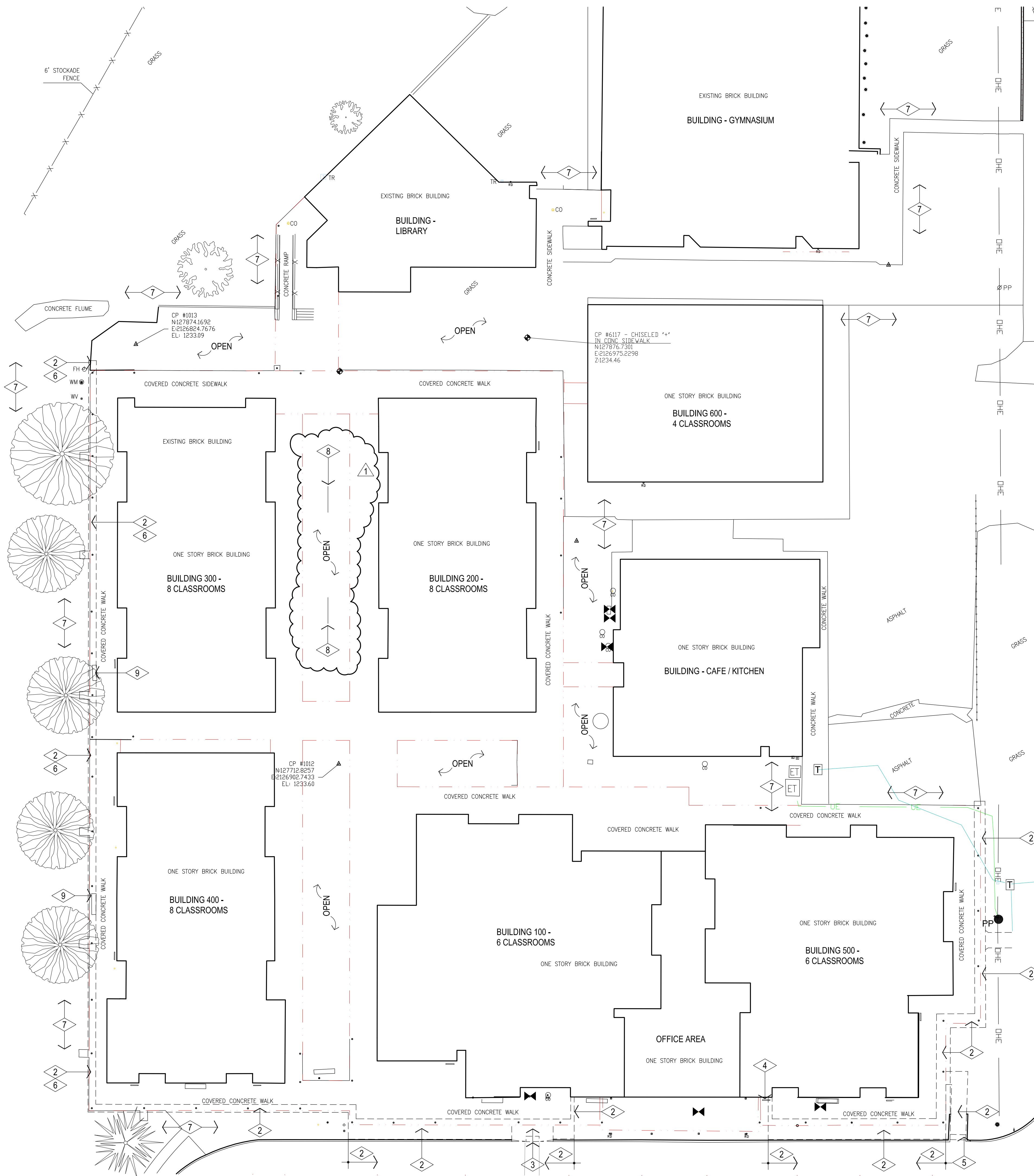
1. Refer to attachments.

B. Specifications:

1. Section 07427 – Composite Wall Panels: add section in its entirety. Refer to attachment.
2. Section 10400 – Interior Signage: replace section in its entirety. Refer to attachment.
3. Section 323119 Fences and Gates: clarification – fencing system shall be as specified - Montage II Industrial Ornamental Steel Fence with Invincible or Classic style depending on location and height of fence, refer Drawings. Color of fencing and gates to be Black. At gates 2, 8, 9, 11, 12, 13, 15, and 16 provide Exodus Egress All-In-One Pedestrian Gate System with 1" picket / expanded metal infill and manufacturer's hardware except for cylinders and cores as per Moore Public Schools' requirements (Schlage 20-740 Primus Core with applicable cylinder) COORDINATE WITH OWNER'S HARDWARE REPRESENTATIVE. Refer to Technology Drawings for card reader, door contacts, etc. information.

Gates 10 and 14 to be Transport II Engineered Cantilever Gates and black in color. Provide standard hardware with locking capabilities.

END OF ADDENDUM NO. 1



GENERAL NOTES:

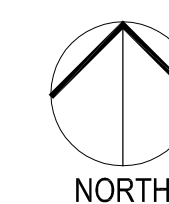
1. FILL, GRADE, & PREPARE ALL EXCAVATED AREAS TO RECEIVE NEW SITE FEATURES.
2. CONTRACTOR TO VISIT SITE PRIOR TO PREPARING BID, & VERIFY ALL ITEMS TO BE DEMOLISHED. ANY ADDITIONAL ITEMS REQUIRING DEMOLITION THAT ARE NOT INCLUDED IN THESE DOCUMENTS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND INCLUDED IN THE BASE BID.
3. EXISTING UNDERGROUND UTILITY LOCATIONS & CONTOUR INFORMATION HAVE BEEN OBTAINED FROM THE BEST AVAILABLE SOURCES. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK & COORDINATE W/ ARCHITECT.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING ELEVATIONS PRIOR TO STARTING EARTHWORK - AND ADJUST ACCORDINGLY AS DIRECTED BY THE ARCHITECT.
5. DURING ALL EXISTING UTILITY REVISIONS - TEMPORARY SERVICE IS TO BE PROVIDED @ ALL EFFECTED BUILDINGS.
6. ALL SALVAGEABLE ITEMS TO REMAIN OWNER'S PROPERTY & SHALL BE STORED OR DISPOSED OF AS PER OWNER'S INSTRUCTIONS.
7. CONSTRUCTION SHALL MEET ALL APPLICABLE CODES, ORDINANCES, REGULATIONS & STANDARDS REQUIRED BY THE CITY OF MOORE, OKLAHOMA.
8. CONSTRUCTION SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE AMERICANS W/ DISABILITIES ACT INCLUDING ANY SUPPLEMENTAL REQUIREMENTS BY THE CITY OF MOORE, OKLAHOMA.
9. CONTRACTOR SHALL COORDINATE ACCESS TO SITE W/ OWNER PRIOR TO STARTING WORK. OBTAIN APPROVAL FROM OWNER FOR ON-SITE MATERIAL STORAGE, ETC. CONTRACTOR SHALL PROVIDE PROPER SEPARATION BTWN. WORK & STUDENTS.
10. EXISTING STEEL CANOPIES & SUPPORT STRUCTURE TO REMAIN UNLESS NOTED OTHERWISE

DEMOLITION NOTES:

1. REMOVE ALL EXISTING WALL MOUNTED ITEMS TO BE SALVAGED. RE: ELECTRICAL & COORDINATE W/ ARCHITECT & OWNER.
2. DEMOLISH EXISTING CONCRETE SIDEWALK TO LIMITS REQUIRED FOR NEW SECURITY WALLS & PREPARE SUBSTRATE TO RECEIVE NEW WORK. RE: A100 & STRUCTURAL
3. DEMOLISH EXISTING CONCRETE SIDEWALK, CURB & EXISTING ASPHALT TO LIMITS REQUIRED FOR NEW HANDICAP RAMP RE: A100 & DETAILS
4. REMOVE FOOT SCRAPER - PATCH / REPAIR CONCRETE MATCH EXISTING THICKNESS
5. DEMOLISH EXISTING RAMP TO LIMITS REQUIRED FOR NEW CONC. RAMP & NEW SIDEWALK, RE: C900 & A100.
6. PREPARE EXISTING SUBSTRATE TO RECEIVE NEW CONCRETE MOW STRIP. RE: A100 & STRUCTURAL
7. AT ALL LOCATIONS OF NEW SECURITY FENCE PREPARE SUBSTRATE FOR NEW FOOTINGS AND CONTINUOUS MOW STRIP. RE: SHEET A100 & SECTIONS
8. EXISTING BIKE RACK TO BE RELOCATED. PROVIDE ALL MATERIALS FOR COMPLETE INSTALLATION.
9. REMOVE EXISTING BENCH AND FOOTINGS - PATCH / REPAIR CONCRETE MATCH EXISTING THICKNESS. COORDINATE W/ OWNER FOR NEW LOCATION.

LEGEND:

- - - - - INDICATES EDGE OF EXISTING METAL CANOPIES - FIELD VERIFY



1

DEMOLITION SITE PLAN

1" = 20'-0"



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MA	checked by
FEBRUARY 2024	date
revisions	
ADDENDUM #1	



sheet no:

C200

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date
revisions
1 ADDENDUM #1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA

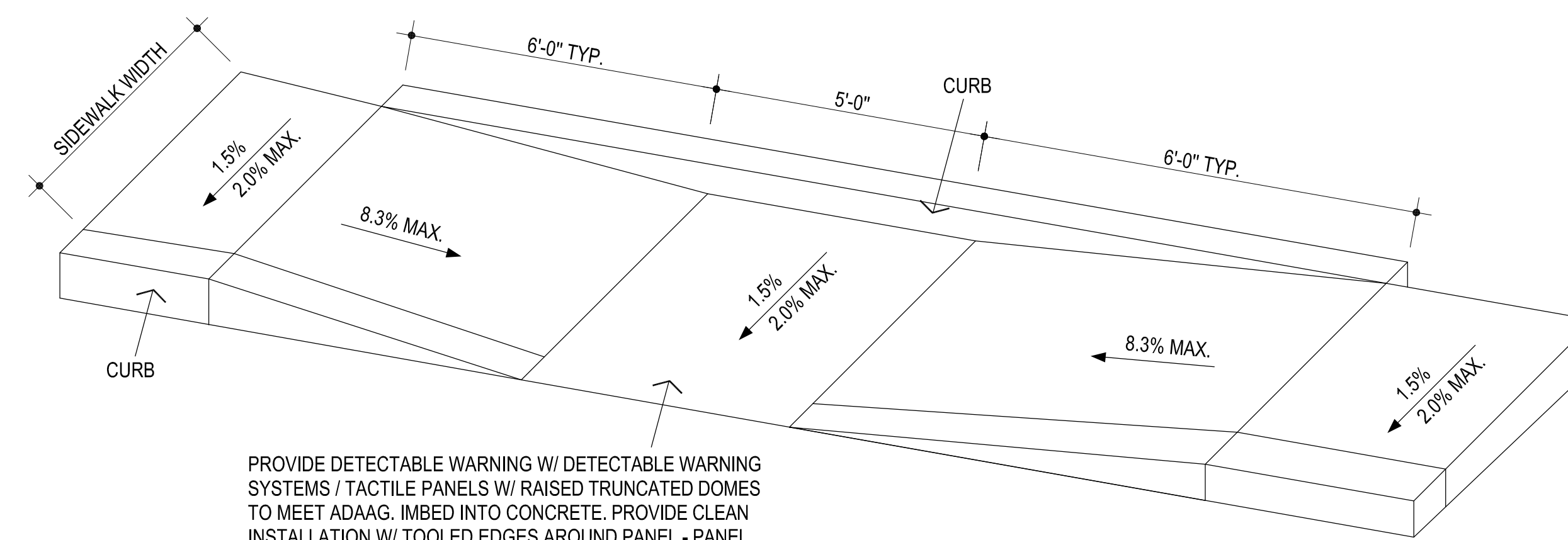


WINDING CREEK
ELEMENTARY SCHOOL
SECURITY UPGRADES

sheet no:

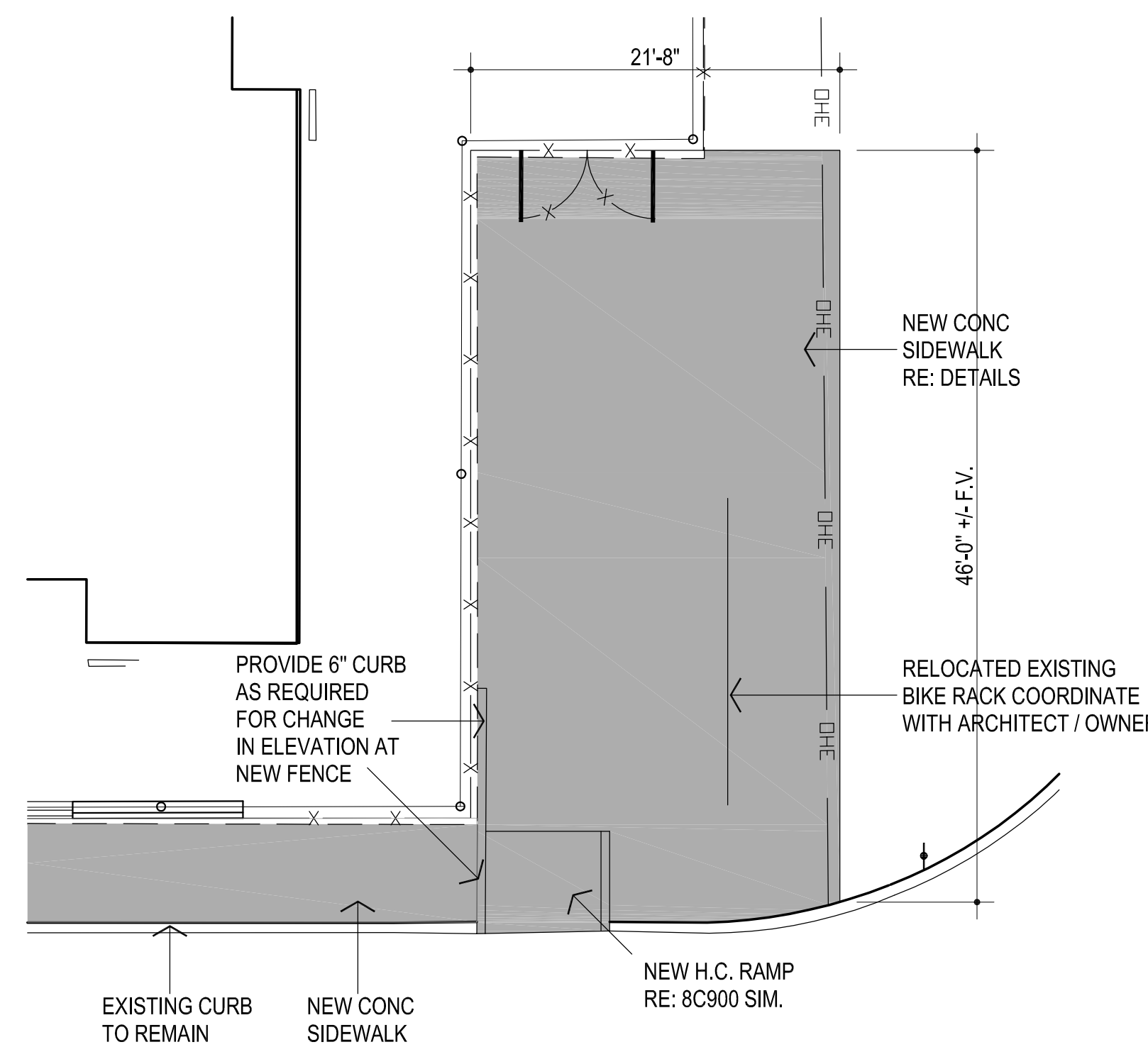
C900

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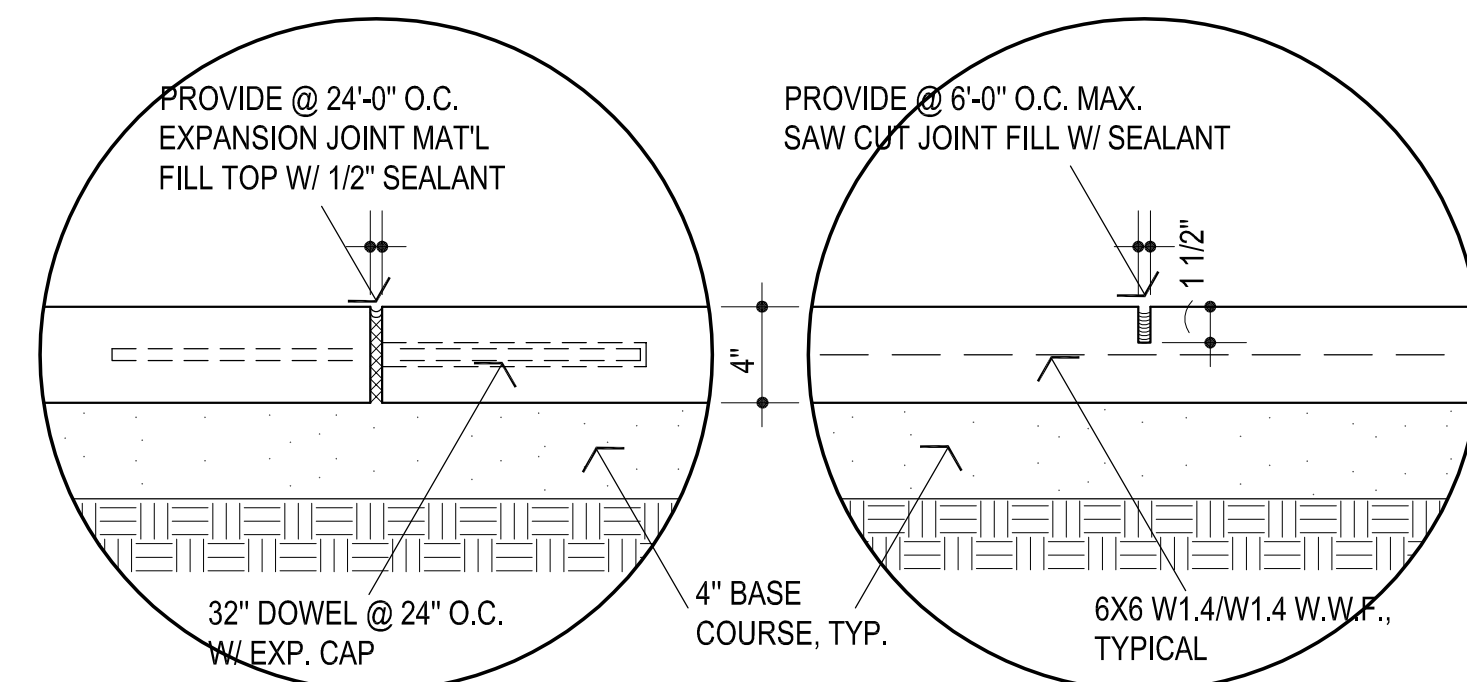


PROVIDE DETECTABLE WARNING W/ DETECTABLE WARNING SYSTEMS / TACTILE PANELS W/ RAISED TRUNCATED DOMES TO MEET ADAAG. IMBED INTO CONCRETE. PROVIDE CLEAN INSTALLATION W/ TOOLED EDGES AROUND PANEL - PANEL EDGES TO BE FLUSH W/ CONCRETE PERIMETER. INSTALL AS PER MFR'S RECOMMENDATIONS. COLOR TO BE "BLACK".

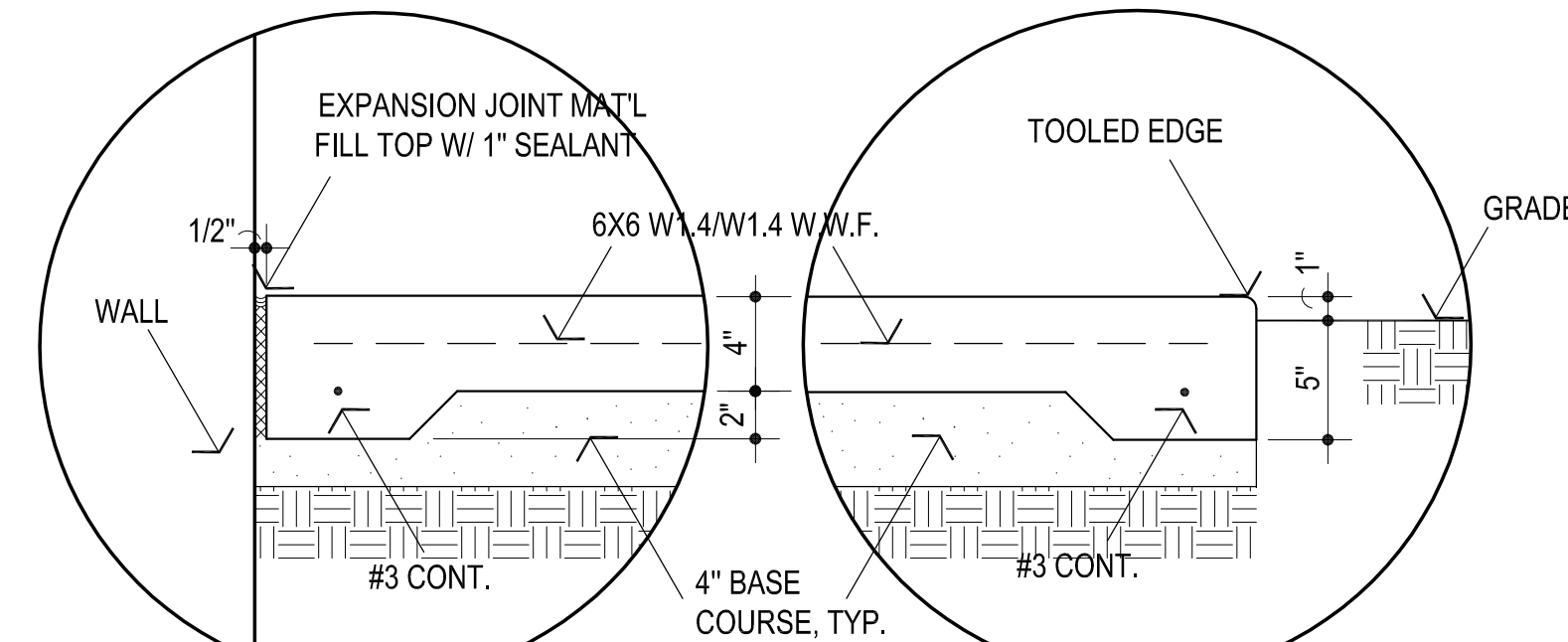
10 PARALLEL CURB RAMP
NOT TO SCALE



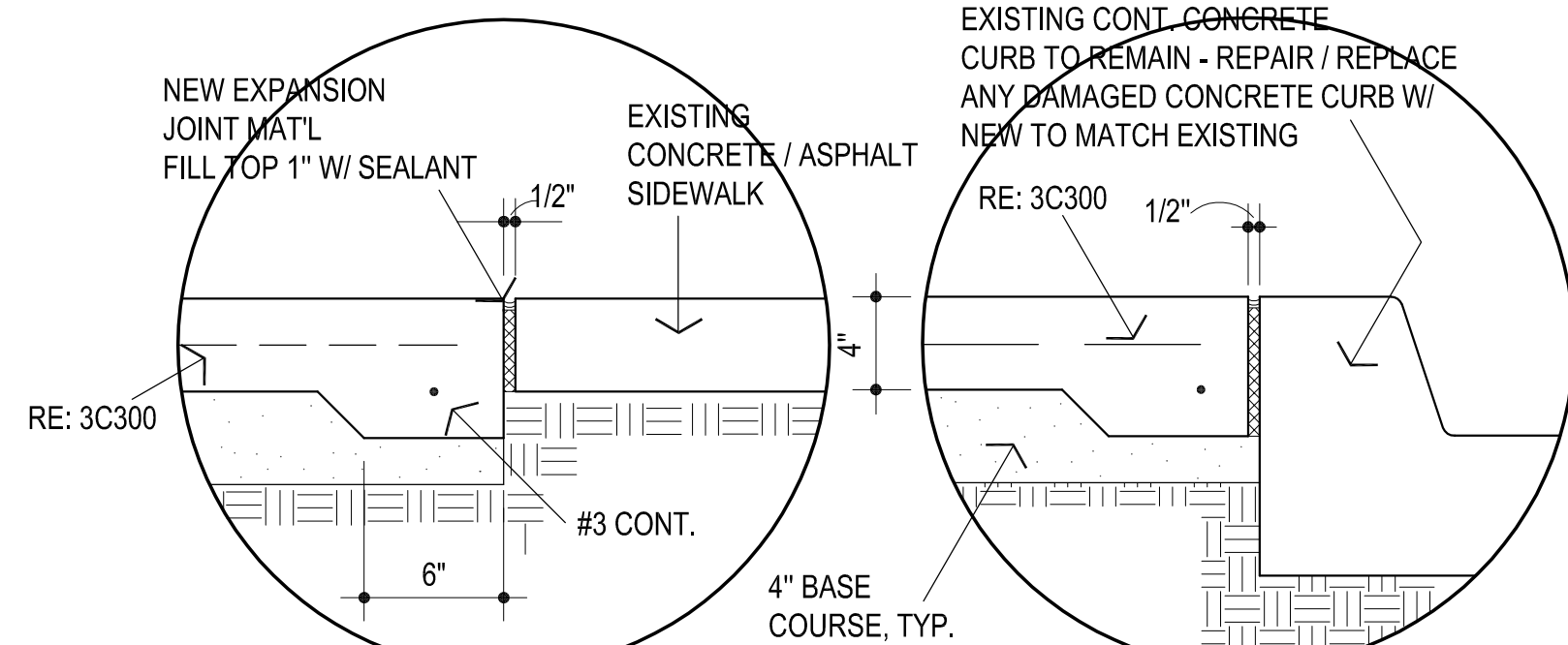
11 NEW CONC. RAMP
1/8" = 1'-0"



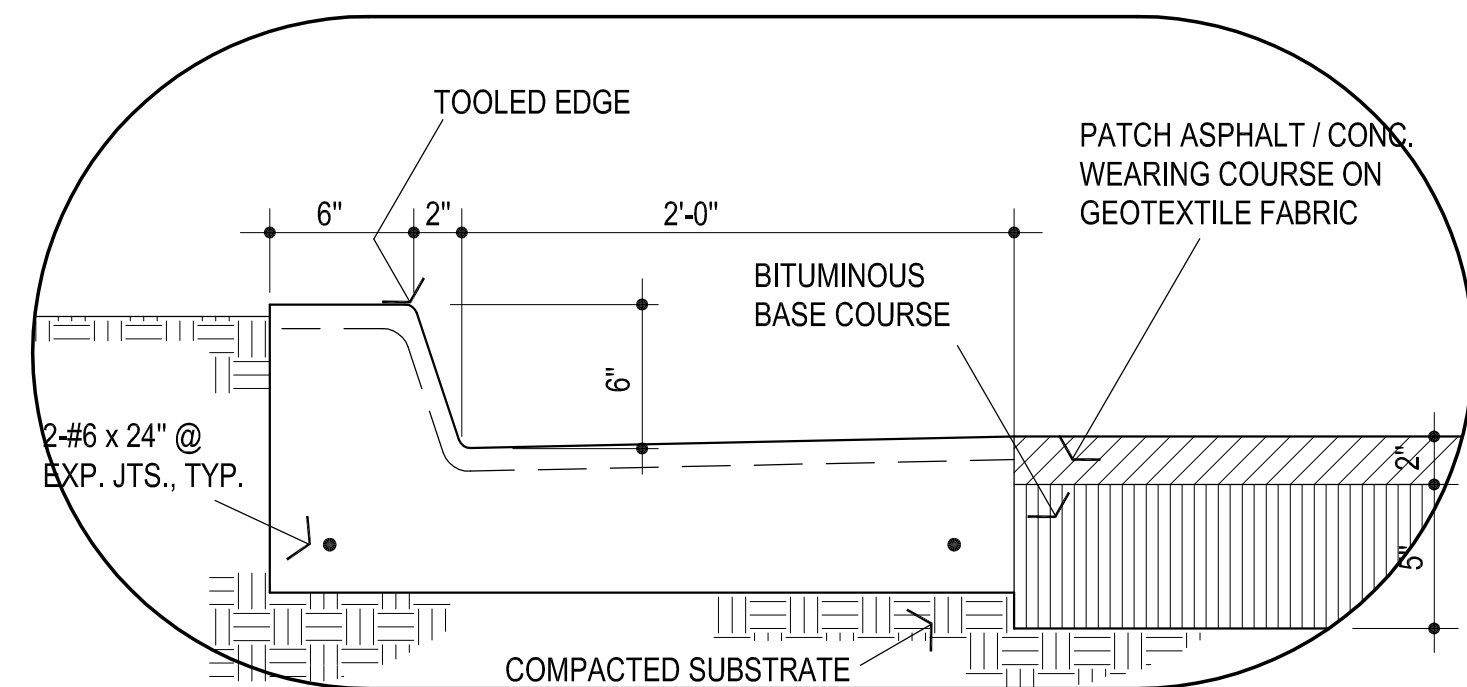
1 SIDEWALK EXP. JOINT **2** SIDEWALK CONTROL JT.



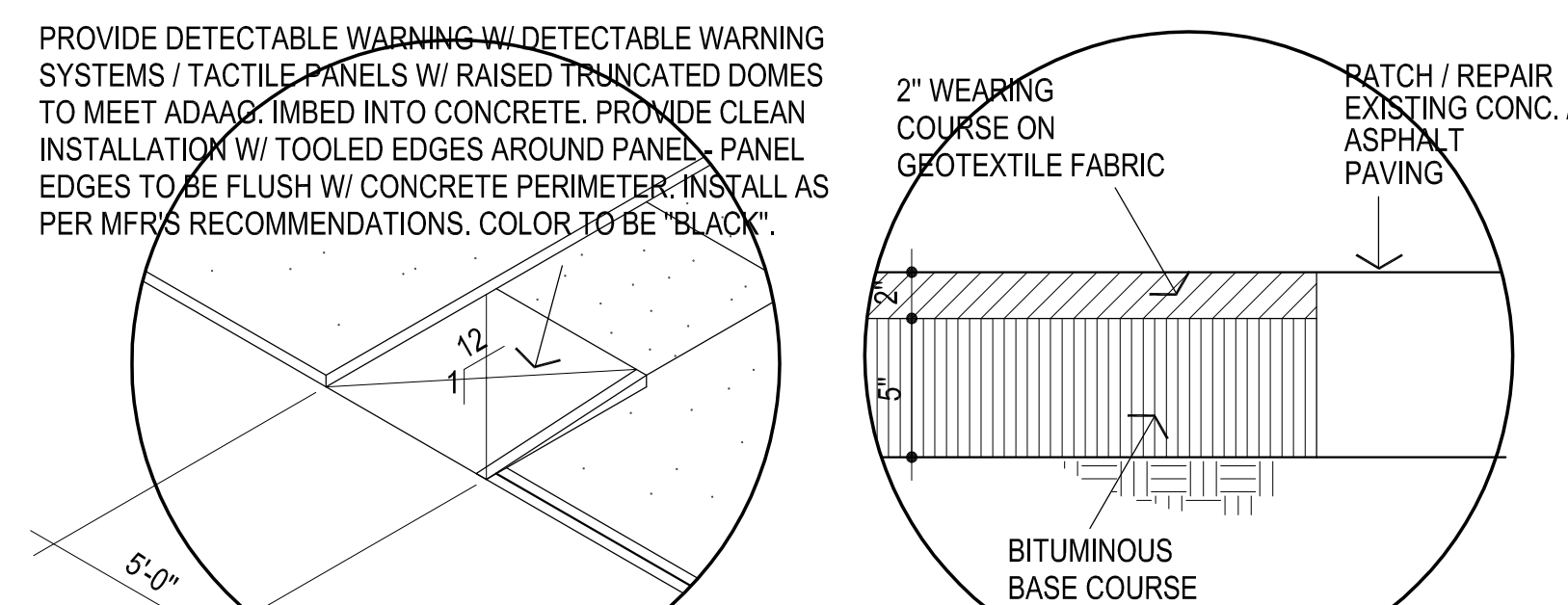
3 SIDEWALK @ VERT. SURF. **4** SIDEWALK EDGE



5 EXISTING / NEW CONCRETE SIDEWALK **6** SIDEWALK / CONC. CURB



7 CONC. CURB / ASPHALT PAVING



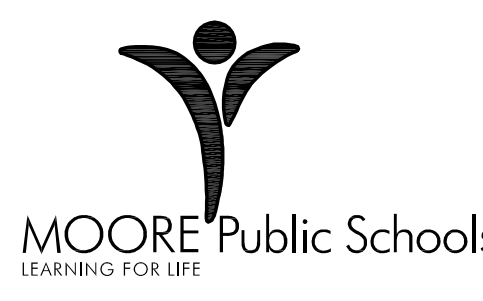
8 H.C. RAMP @ CURB NOT TO SCALE **9** PAVING EDGE NOT TO SCALE

PROVIDE DETECTABLE WARNING W/ DETECTABLE WARNING SYSTEMS / TACTILE PANELS W/ RAISED TRUNCATED DOMES TO MEET ADAAG. IMBED INTO CONCRETE. PROVIDE CLEAN INSTALLATION W/ TOOLED EDGES AROUND PANEL - PANEL EDGES TO BE FLUSH W/ CONCRETE PERIMETER. INSTALL AS PER MFR'S RECOMMENDATIONS. COLOR TO BE "BLACK".



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MA	checked by
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revisions	
▲	ADDENDUM #1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA

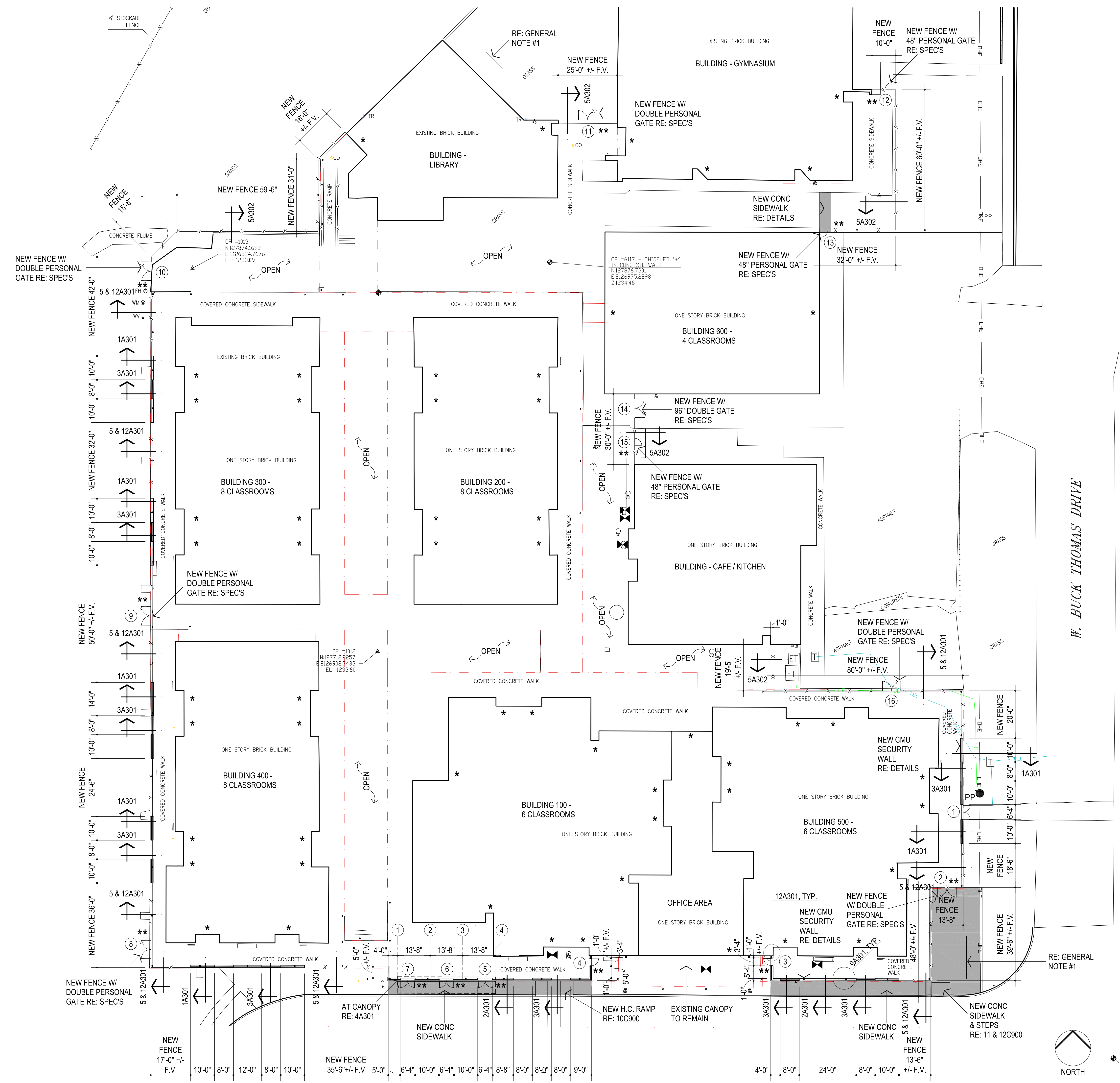


WINDING CREEK
ELEMENTARY SCHOOL
SECURITY UPGRADES

sheet no:

A100

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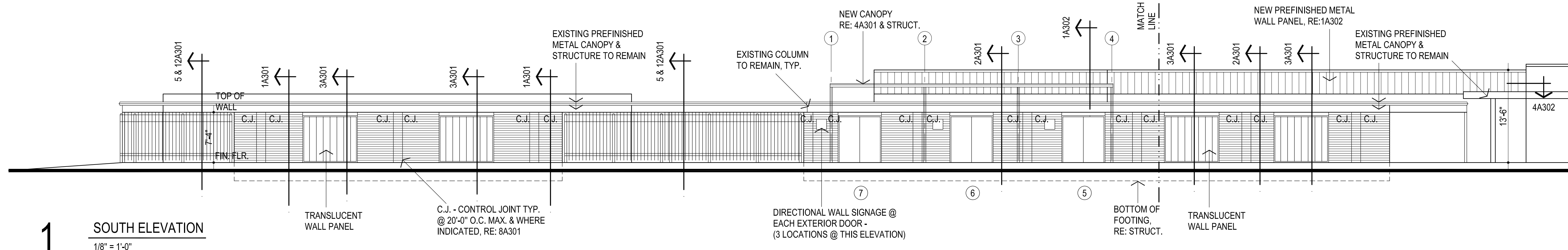
- EXISTING BIKE RACK TO BE RELOCATED. PROVIDE ALL MATERIALS FOR COMPLETE INSTALLATION.

LEGEND:

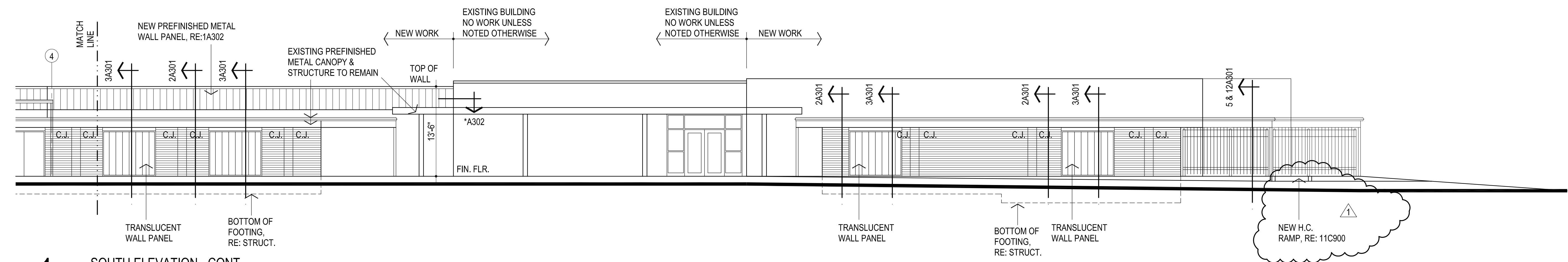
- * INDICATES EXISTING EXITS FROM BUILDINGS
- ** INDICATES LOCATION OF NEW SIGNAGE PLAQUES, RE: SHEET A601

SITE PLAN
1" = 20'-0"

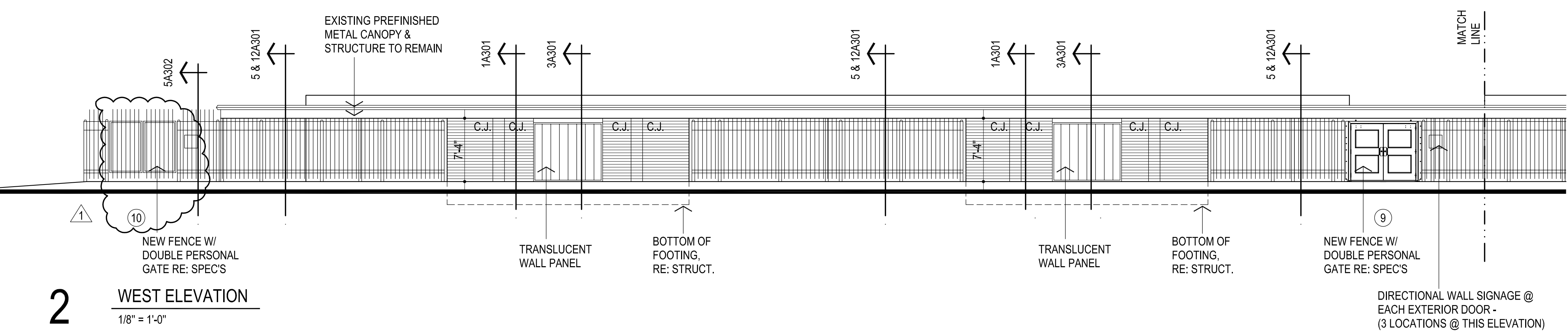
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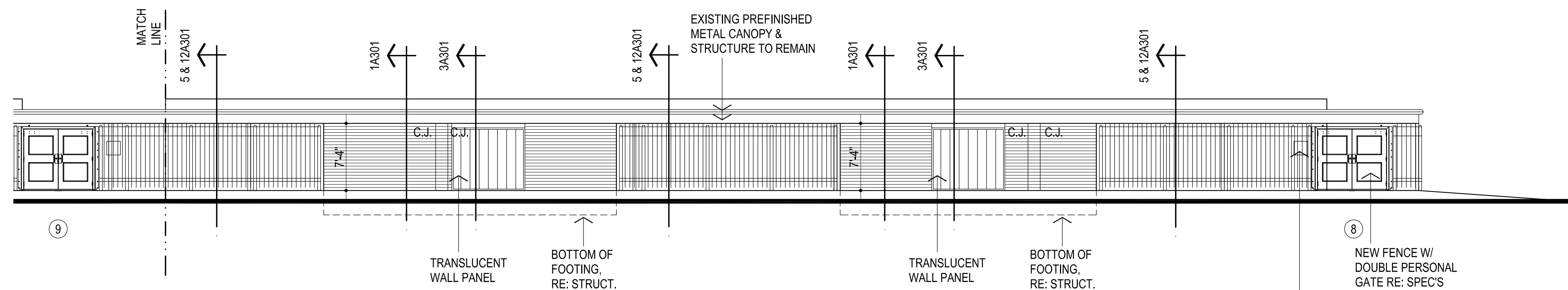
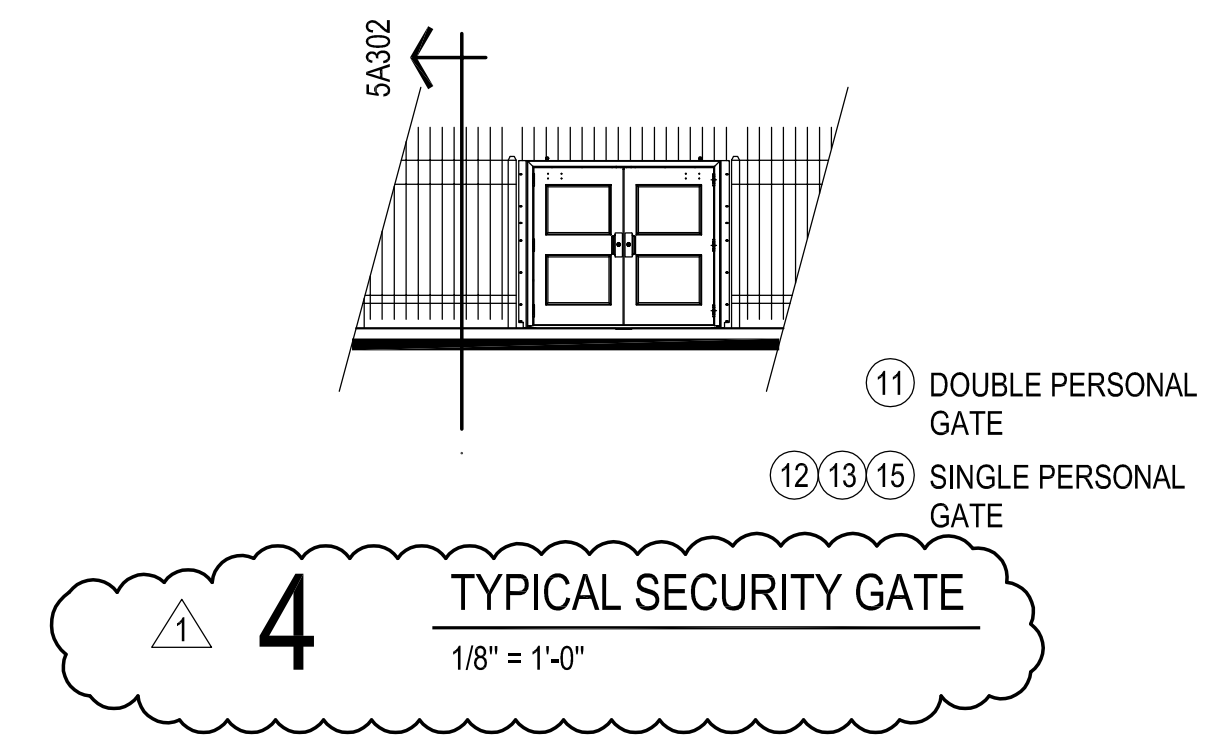
1 SOUTH ELEVATION
1/8" = 1'-0"



1 SOUTH ELEVATION - CONT.
1/8" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION - CONT.
1/8" = 1'-0"

DIRECTIONAL WALL SIGNAGE @
EACH EXTERIOR DOOR -
(3 LOCATIONS @ THIS ELEVATION)

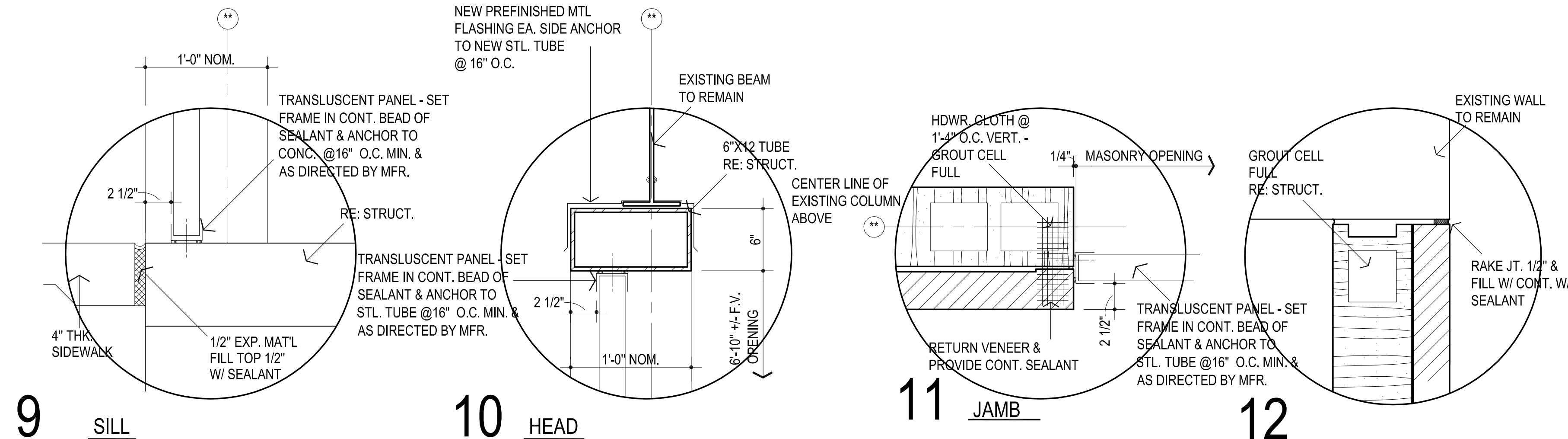
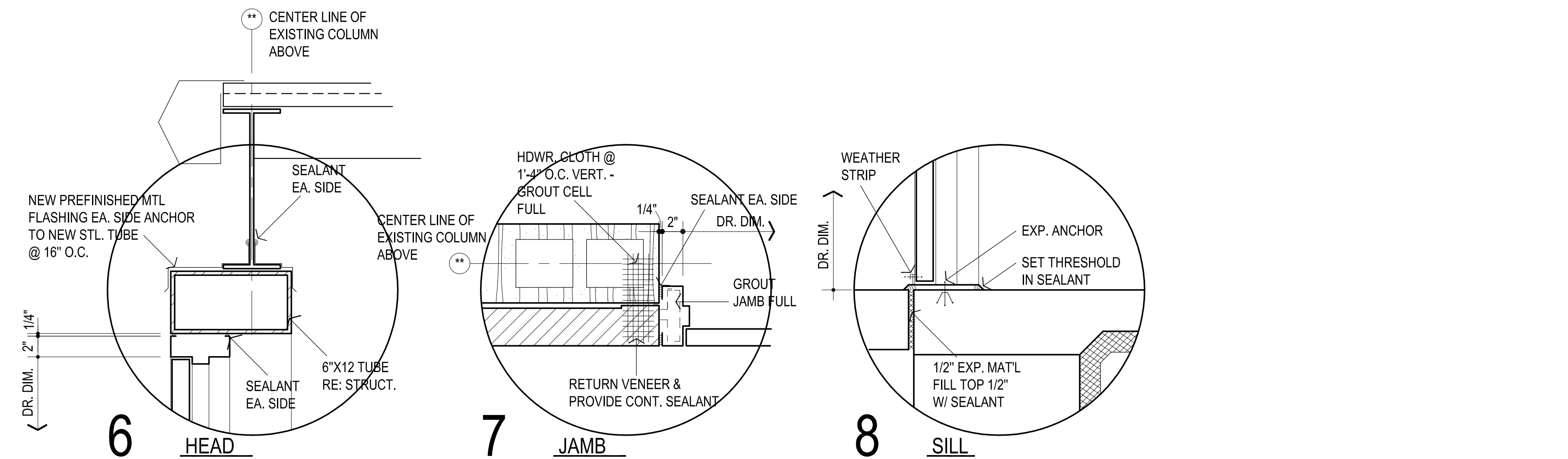
PAINT:

- ① EXPOSED CMU WALLS - FIELD: SHERWIN-WILLIAMS - SW7008 - ALABASTER
- ② H.M. DOORS & FRAMES : SHERWIN-WILLIAMS - SW6992 - INKWELL
- ③ MISCELLANEOUS METALS: SHERWIN-WILLIAMS - SW6992 - INKWELL

EXTERIOR COLORS:

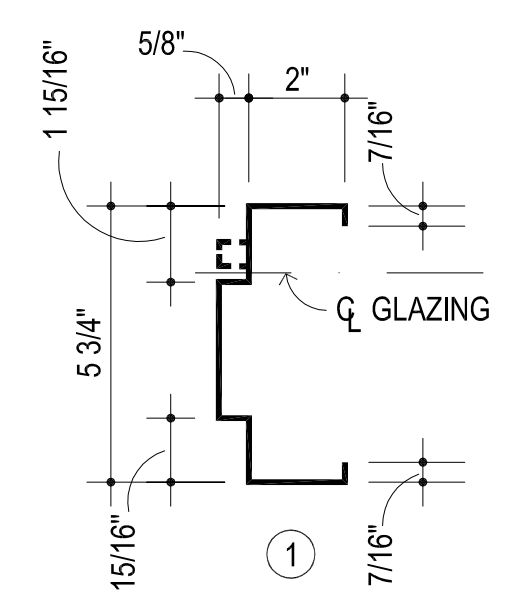
- ④ PREFINISHED METAL COPING: - TO BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION - MATCH EXISTING
- ⑤ PREFINISHED METAL ROOF PANEL: - TO BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION - MATCH EXISTING
- ⑥ MASONRY BRICK VENEER- ACME BRICK : - TO BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION - MATCH EXISTING

1 COLOR SCHEDULE

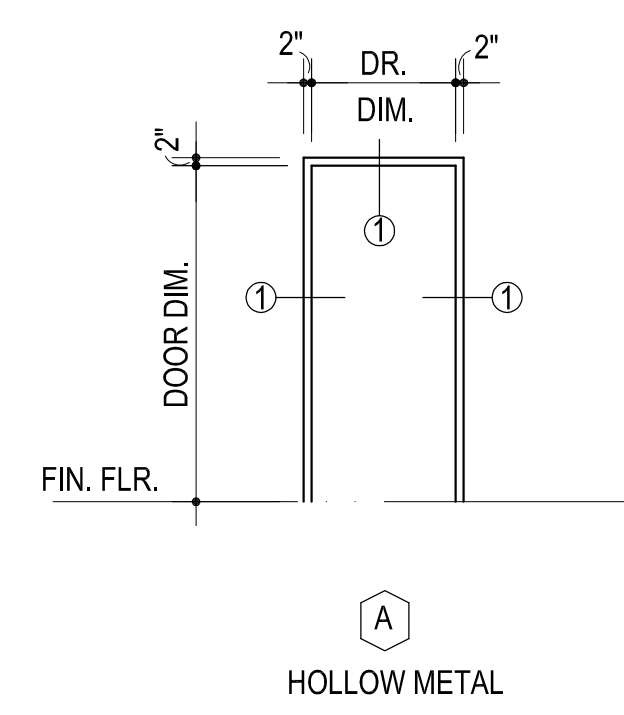


DOOR NO.	LOCATION		DOOR ELEV.	DOOR MAT'L	DOOR SIZE			FRAME ELEV.	DOOR DETAILS				REMARKS	HWFR. SET NO.
	FROM	TO			WIDTH	HEIGHT	TH'K		HEAD	SILL	JAMB	JAMB		
1	CORR.	EXT.	A	H.M.	PR. 3'-0"	6'-8"	1 3/4"	A	6A601	8A601	7A601	7A601	BY FENCE / GATE MFR.	2
2														
3	CORR.	EXT.	A	H.M.	3'-0"	6'-8"	1 3/4"	A	6A601	8A601	7A601	7A601		1
4														1
5					PR. 3'-0"									2
6					PR. 3'-0"									2
7	CORR.	EXT.	A	H.M.	PR. 3'-0"	6'-8"	1 3/4"	A	6A601	8A601	7A601	7A601	BY FENCE / GATE MFR.	2
8													BY FENCE / GATE MFR.	
9													BY FENCE / GATE MFR.	
10													BY FENCE / GATE MFR.	
11													BY FENCE / GATE MFR.	
12													BY FENCE / GATE MFR.	
13													BY FENCE / GATE MFR.	
14													BY FENCE / GATE MFR.	
15													BY FENCE / GATE MFR.	
16													BY FENCE / GATE MFR.	

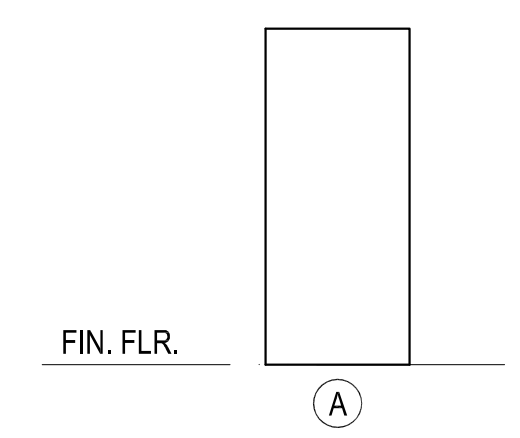
2 DOOR SCHEDULE



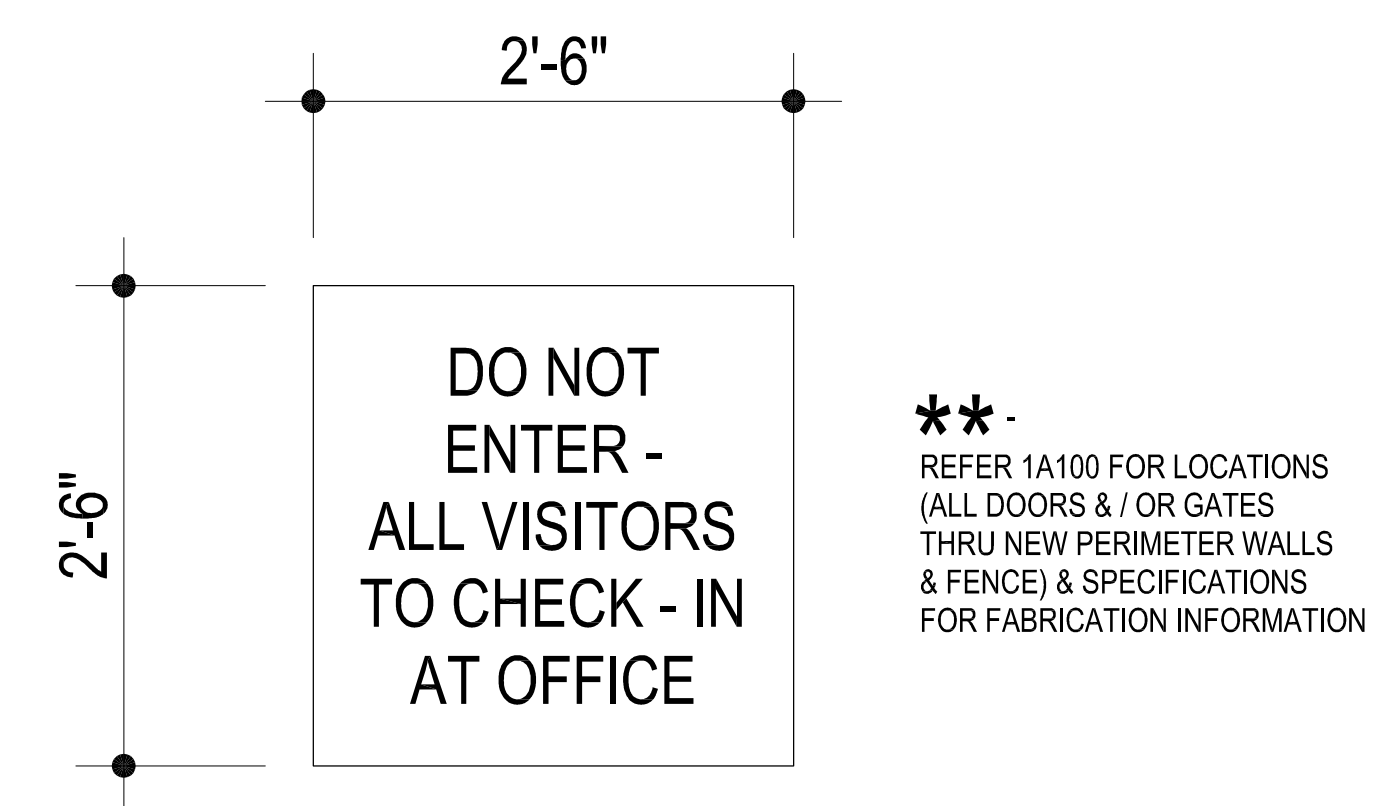
3 FRAME PROFILES



4 FRAME ELEVATIONS



5 DOOR ELEVATIONS

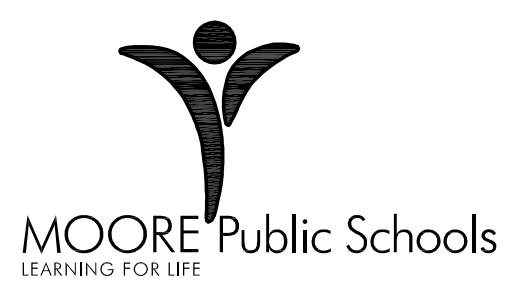


13 EXTERIOR SIGNAGE
NOT TO SCALE



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FEBRUARY 2024
date
revisions
ADDENDUM #1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
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WINDING CREEK
ELEMENTARY SCHOOL
SECURITY UPGRADES

sheet no: **A601**

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ADDENDUM No. 1

Client: Abla Griffin Partnership
Project Name: Winding Creek Elem Security Upgrades
Project Location: Moore, OK

Issue Date: April 9, 2024

Owner: Moore Public Schools
Engineer: Salas O'Brien

Project No. 2024-01098-00

**To: Prospective Bidders.**

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated March 7, 2024, (and previous Addenda), with amendments and additions noted below. This Addendum consists of (1) pages and (2) attachments.

Index of Attachments

E101

T201

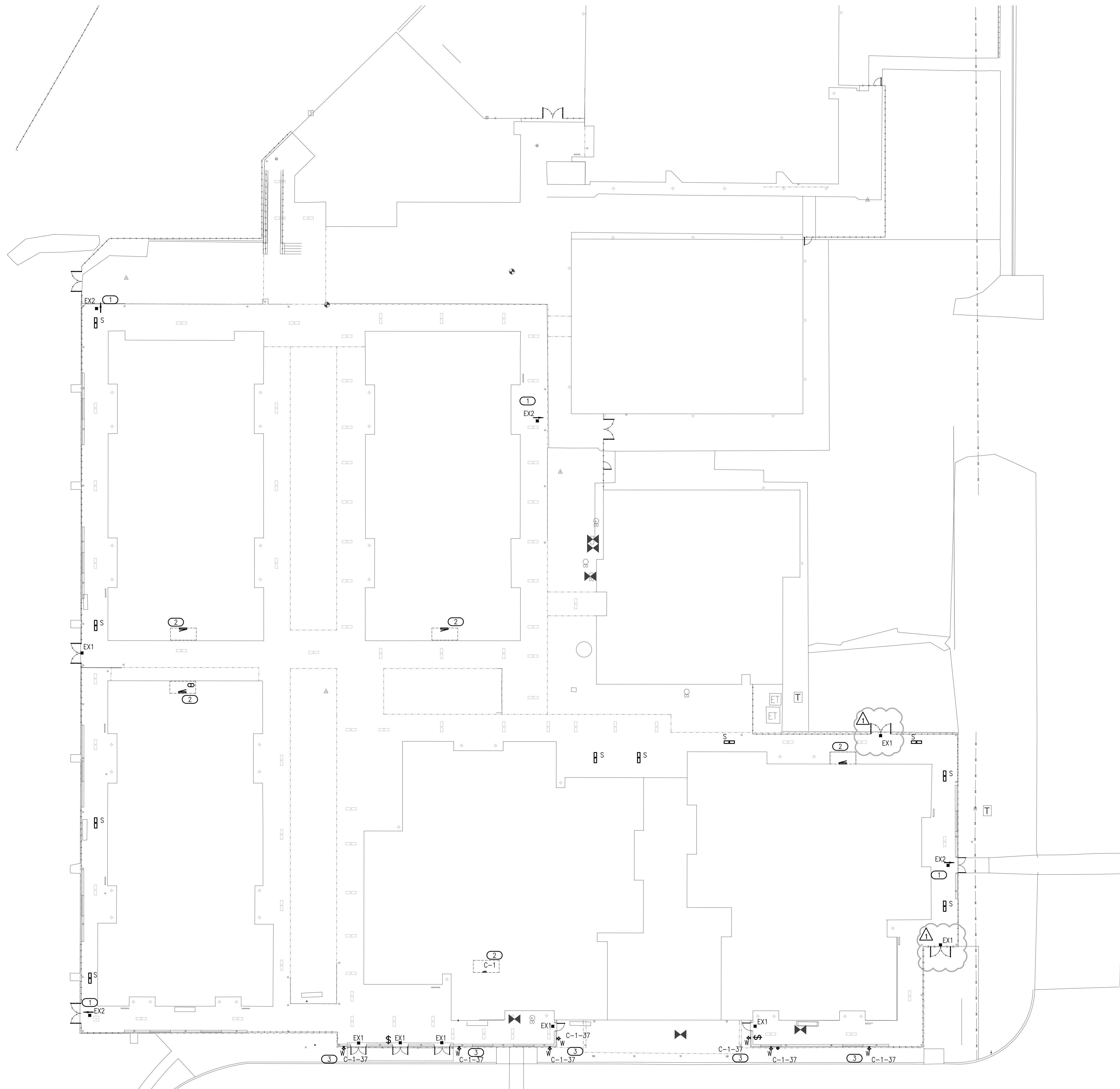
Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may disqualify Bidder.

CHANGES TO THE DRAWINGS

Revisions have been made to the following drawings and are issued in the form of full-size plans. Edits are indicated by a revision delta and a cloud surrounding the affected portion of the drawing.

- **SHEET E-101 – ELECTRICAL LIGHTING PLAN**
 - Refer to clouds and deltas for drawing change.
- **SHEET T-201 – TECHNOLOGY PLAN**
 - Refer to clouds and deltas for drawing change.

END OF ADDENDUM [01]



- 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.

AGP
the Abla Griffin
Partnership L.L.C.

201 N. BROADWAY
SUITE 210
MOORE, OK. 73160
405.735.3477
AGP@theAGP.net
www.theAGP.net

KFC ENGINEERING
STRUCTURAL
SALAS O'BRIEN
MECHANICAL / ELECTRICAL



JV
drawn by
TVO
checked by
JANUARY 2024
date
revisions
4/09/24 ADDENDUM 1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



WINDING CREEK
ELEMENTARY SCHOOL
SECURITY UPGRADES

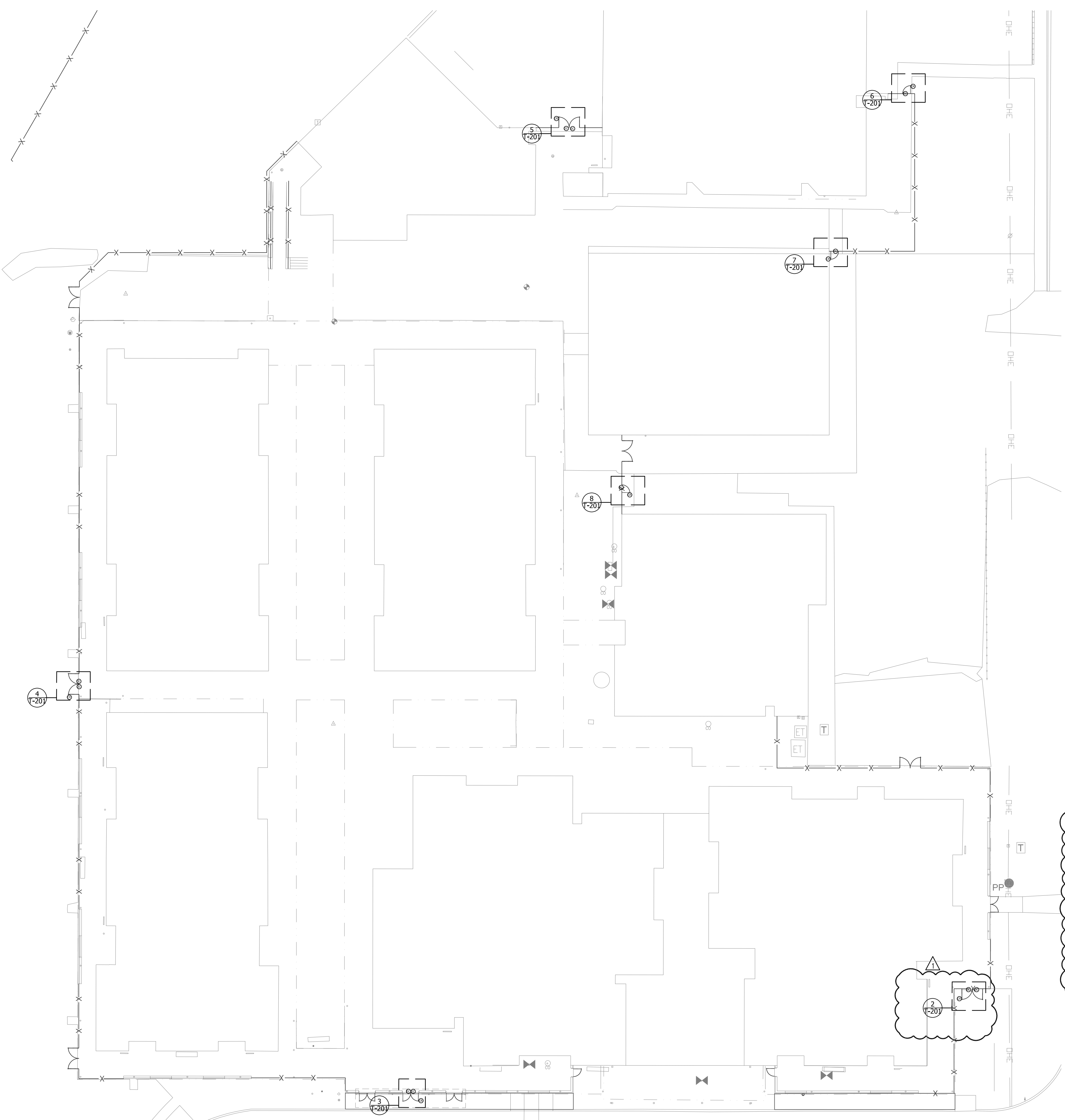
sheet no:
E-101

1 ELECTRICAL LIGHTING PLAN
SCALE: 1/20" = 1'-0"



Salas O'Brien
2600 Van Buren St., Suite 2635
Norman, OK 73072
Salas O'Brien Registration: CA# 7058
Expiration Date: 6/30/2025
Salas O'Brien Project Number: 2024-01098-00

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GENERAL NOTES

A. COORDINATE ALL FINAL MOUNTING HEIGHTS, FOR WALL MOUNTED DEVICES, PRIOR TO ROUGH-IN. COORDINATE WITH ARCHITECT, OWNER AND ENGINEER.

B. REFERENCE TECHNOLOGY PLANS, NOTES & LEGENDS AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION AND DEVICE/OUTLET LOCATIONS.

C. ALL ACCESS CONTROL AND INTRUSION DEVICES SHALL CONNECT TO THE NEAREST ACCESS CONTROL/INTRUSION DETECTION PANELS. CONTRACTOR TO PROVIDE ALL NECESSARY CONDUITS.

AGP
 the Abla Griffin
 Partnership L.L.C.

201 N. BROADWAY
 SUITE 210
 MOORE, OK. 73160
 405.735.3477
 AGP@theAGP.net
 www.theAGP.net

KFC ENGINEERING
 STRUCTURAL

SALAS O'BRIEN
 MECHANICAL / ELECTRICAL

MGNY
 drawn by

MGNY
 checked by

JANUARY 2024
 date

04/09/24 ADDENDUM 01
 revisions

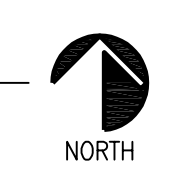
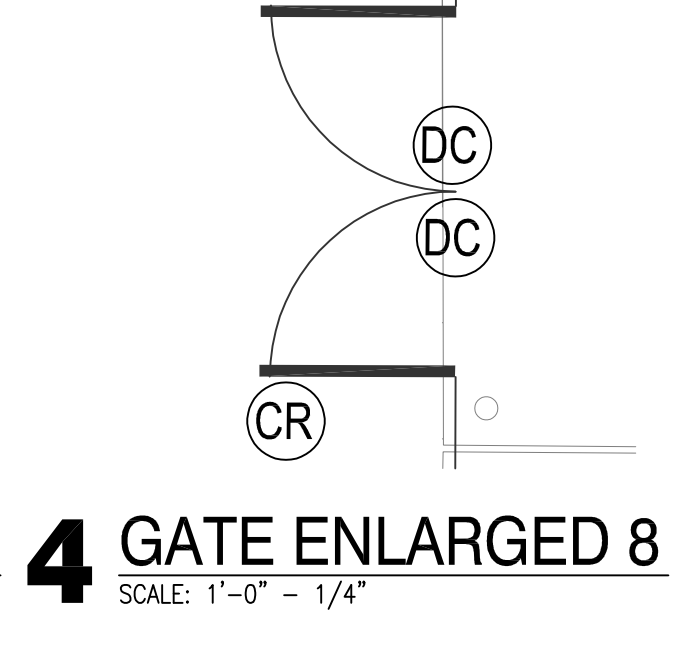
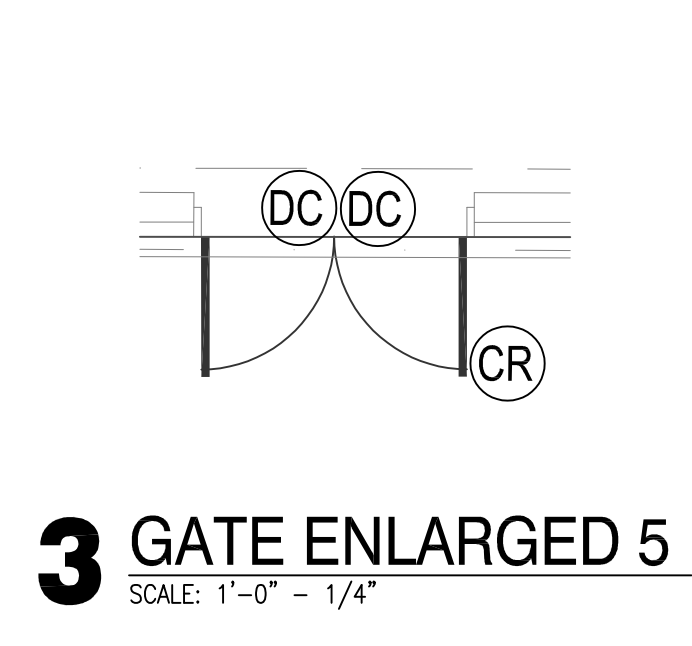
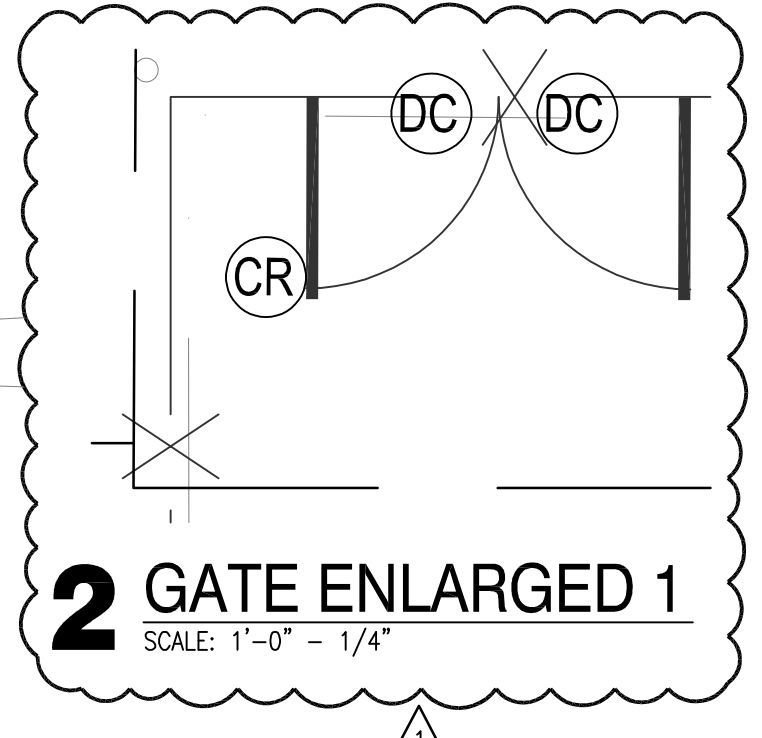
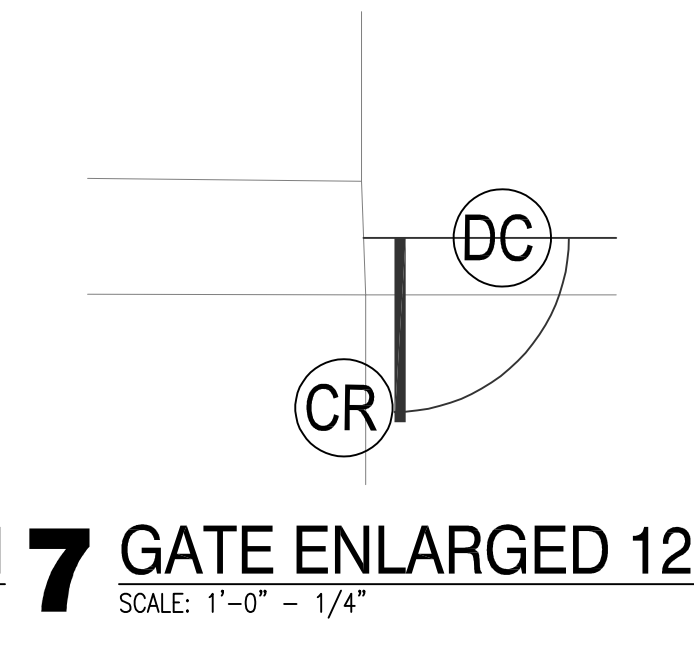
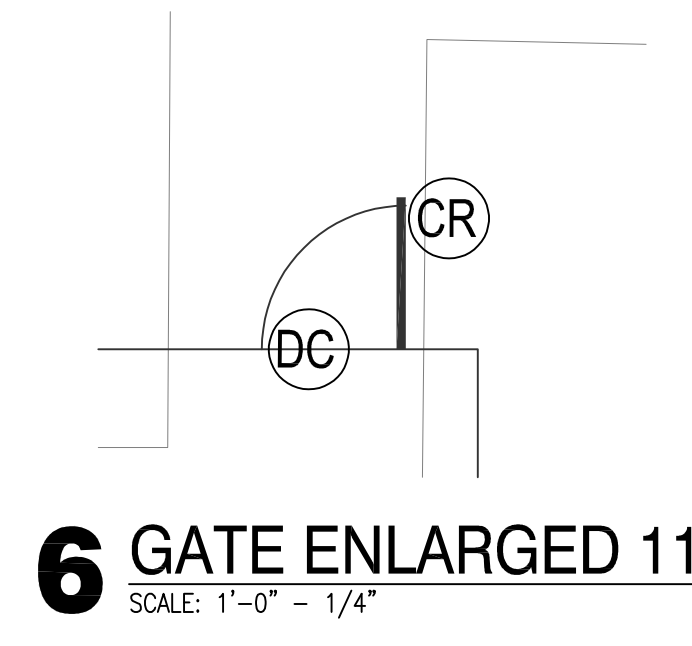
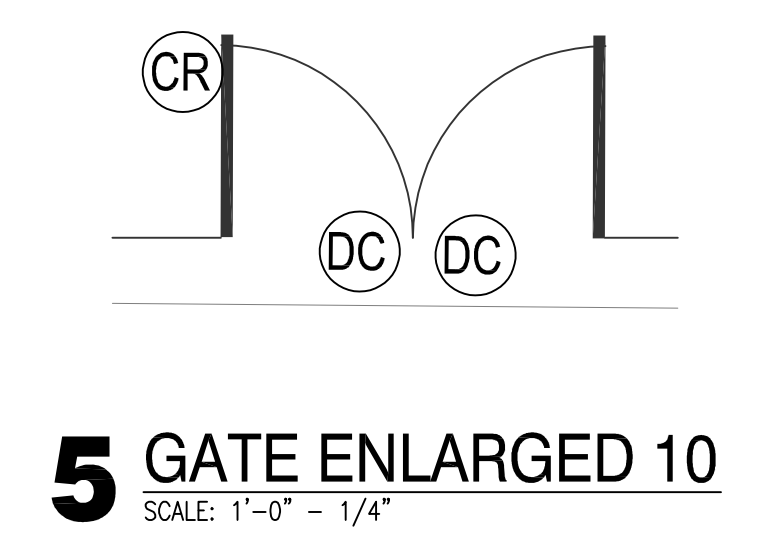
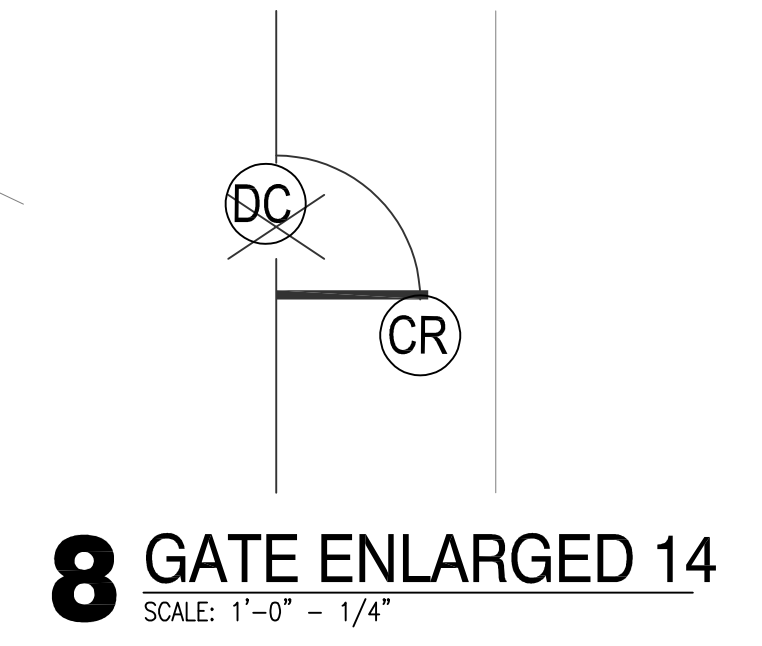
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WINDING CREEK
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sheet no:
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DIVISION 7 - THERMAL & MOISTURE PROTECTION

SECTION 07424 - COMPOSITE WALL PANELS

PART 1 General

1.1 Work Included:

- A. Aluminum-faced composite panels, attachments, and sealants.

1.2 Related Sections:

- A. Section 05400 - Cold Formed Metal Framing.
- B. Section 06100 - Rough Carpentry.
- C. Section 07600 - Flashing and Sheet Metal.
- D. Section 07900 - Sealants.

1.3 References:

- A. American Society for Testing and Materials (ASTM) B209 - Aluminum and Aluminum-Alloy Sheet and Plate.
- B. American Society for Testing and Materials (ASTM) C481 - Laboratory Aging of Sandwich Constructions.
- C. American Society for Testing and Materials (ASTM) E72 - Standard Test Methods of Conducting Strength Tests of Panels for Building Construction.
- D. American Society for Testing and Materials (ASTM) E84 - Surface Burning Characteristics of Building Materials.
- E. American Society for Testing and Materials (ASTM) E289 - Linear Thermal Expansion of Rigid Solids with Interferometry.
- F. American Society for Testing and Materials (ASTM) E331 - Water Penetration for Exterior Windows, Curtain Walls, and Doors.
- G. American Society for Testing and Materials (ASTM) D1781 - Climbing Drum Peel for Adhesives.
- H. American Architectural Manufacturers Association (AAMA) 501 - Water Penetration using Dynamic Pressure.
- I. American Architectural Manufacturers Association (AAMA) 605.2 - Voluntary Specification for High

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Performance Organic Coatings on Architectural Extrusions and Panels.

- J. American Architectural Manufacturers Association (AAMA) TIR-all - Maximum Allowable Deflection of Framing Systems for Building Cladding Components at Design Wind Loads.

1.4 System Description:

A. Design Requirements:

1. Design system to accommodate movement of components without buckling, failure of joint seals, undue stress on fasteners, or other detrimental effects when subjected to temperature and humidity ranges reasonably anticipated.
2. Design system to accommodate tolerances of structure.

B. Performance Requirements:

1. Submit test data witnessed by an independent testing agency for the following requirements:
 - a. Structural tests for wind loads by "Chamber Method" in compliance with ASTM E72.
 - 1) Standard test design loading: 20 psf (960 Pa) positive and negative wind load.
 - 2) Design panel system to withstand code imposed design loads and a deflection limit of L/180 shall apply to positive load pressures only.
 - 3) Design panel system to withstand code imposed design loads and a deflection limit of L/175 shall apply to positive load pressures only.
 - b. Air Infiltration: 0.06 cfm per square foot (32 lps per square meter) air leakage under a static pressure of 1.56 psf (7.65 kg per square meter) when tested in accordance with ASTM E283.
 - c. Water Penetration: No uncontrolled water penetration through the standard vertical panel and sealed joints at a static pressure of 6.24 psf (30.5 kg per square meter) when tested in accordance with ASTM E331.

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1.5 Submittals:

- A. Submit as directed below and as per the Special Conditions.
- B. Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Submit shop drawings showing layout, flashings, drainage, ventilation, vapor barriers, vapor retarders, profiles and product components, including anchorage, accessories, finish colors, patterns, and textures.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 3 inches (76 mm) by 5 inches (128 mm) representing actual product, color, and patterns.
- F. Quality Assurance Submittals: Submit the following:
 - 1. Test reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
 - 2. Certificates: Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria, and physical requirements.

1.6 Quality Assurance:

- A. Manufacturer Qualifications: Manufacturer capable of providing field service representation during construction, approving acceptable installer and approving application method.
- B. Installer Qualifications:
 - 1. Installer experienced in performing work of this section who has specialized in

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installation of work similar to that required for this project.

2. Panel Installer shall assume responsibility for all components of the exterior panel system including, but not limited to attachment to sub-construction, panel to panel joinery, panel to dissimilar material joinery, and joint seal associated with the panel system.

- C. Pre-installation Meetings: Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions, and manufacturer's warranty requirements.

1.7 Delivery, Storage, and Handling:

- A. Store panels horizontally, off-the-ground, in manufacturer's unopened packaging until ready for installation.
- B. Examine delivered materials upon receipt to ensure that no damage has occurred during shipment. Store metal-faced composite wall panels horizontally, covered with a suitable weather tight and ventilated covering. Store metal-faced composite wall panels to ensure dryness, with a positive slope for drainage of water. Do not store metal-faced composite wall panels in contact with other materials that might cause staining, denting, or other surface damage. DO NOT allow storage space to exceed 120 degrees F (49 degrees C).
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.8 Project Conditions:

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

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1.9 Warranty:

- A. Finish Warranty: Commencing on Date of Substantial Completion.
 - 1. Provide 20-year written warranty with PVDF/KYNAR 500 finish color coated metal finish covering color fading, chalking, and film integrity.
 - 2. Finish coating shall not peel, blister, chip, crack or check.
 - 3. Chalking, fading or erosion of finish measured by the following tests:
 - a. Finish coating shall not chalk in excess of 8 numerical ratings when measured in accordance with ASTM D659.
 - b. Finish coating shall not change color or fade in excess of 8 NBS units as determined by ASTM D2244.
- B. Material and Installation Warranty: Commencing on Date of Substantial Completion.
 - 1. When installed as directed by Laminators Incorporated, panels covered by this warranty are warranted not to delaminate (separate) at any Laminators produced glue line for a period of five years.

PART 2 PRODUCTS

2.1 Manufacturers:

- A. Acceptable Manufacturer: Laminators Incorporated; 3255 Penn St., Hatfield, PA 19440. ASD. Tel: (215)723-8107. Toll Free: (877) OMEGA77. Fax: (215) 721-1239. Web: <http://www.laminatorsinc.com>
- B. Substitutions: as approved by Architect.
- C. Requests for substitutions will be considered in accordance with provisions of the Project Manual.

2.2 Omega-Lite Aluminum-Faced Composite Panels:

- A. Omega-Lite Composite Panels as manufactured by Laminators Incorporated.
 - 1. Panel Construction: Finished aluminum sheet over a corrugated polyallomer (CPA) core with backer sheet.

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2. Panel Facing:
 - a. Smooth face, minimum 0.021 inch (0.53 mm) thick, ASTM B209 aluminum sheet
 3. Panel Backing:
 - a. Random painted aluminum sheet, minimum 0.013 inch (0.33 mm) thick, ASTM B209 aluminum sheet
 4. Panel Thickness: 6 mm (1/4 inch)
 5. Fire Test Performance: ASTM E84: Class A.
 6. Bond Test Performance: ASTM C481-A Cyclic Aging: Pass.
 7. Finish:
 - a. PVDF/Kynar 500 - 20-year warranty paint system meeting AAMA 2605
 8. Finish Colors: Refer Room Finish Schedule included in the Drawings.
- B. Aluminum Composite Panel Installation System:
1. Installation:
 - a. 1-Piece Tight-Fit Extrusion (6 mm only)
 - b. "H"-Molding 4505X
 - c. Provide corner, drip edge, etc. trim as required for complete and watertight installation.
- 2.3 Accessories:
- A. Manufacturer's Sealants and Accessories: Provide manufacturer's recommended sealants and accessories for product installation.
 - B. Flashing: Fabricate flashing materials from 0.030 inch (0.76 mm) minimum thickness aluminum sheet painted to match the adjacent curtain wall/panel system where exposed. Provide a 12 inch (305 mm) wide lap strap under the flashing at abutted conditions and seal lapped surfaces with a full bed of non-hardening sealant.
- 2.4 Fabrication:
- A. Panels shall be fabricated and finished as required to provide material construction and performance as specified and as required by manufacturer to comply with warranty provisions.
 1. Tolerances: Length and Width: plus or minus 1/16 inch (1.6mm). Squareness (Diagonals): equal within 1/8 inch (3.2mm).

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PART 3 EXECUTION

3.1 Examination:

- A. Do not begin installation until substrates have been properly prepared.
- B. Examine substrates, areas, and conditions, with substrate installer present, for compliance with requirements for structural soundness, installation tolerances, metal panel supports, and other conditions affecting performance of work.
 - 1. Examine primary and secondary wall framing to verify that girts, angles, channels, studs, and other structural panel support members and anchorage have been installed within alignment tolerances listed below.
 - a. 1/4 inch (6 mm) in any 20 feet (6 m) length vertically or horizontally.
 - b. 1/2 inch (12 mm) in any building elevation.
 - 2. Examine solid wall sheathing to verify that sheathing joints are supported by framing or blocking and that installation is within flatness tolerances required.
 - 3. For the record, prepare written report, endorsed by panel installer and substrate installer, listing remedy for conditions detrimental to performance of work.
- C. Examine roughing-in for components and systems penetrating metal panels to verify actual locations of penetrations relative to seam locations of metal panels before metal panel installation.
- D. Proceed with installation only after all unsatisfactory conditions have been corrected.
- E. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 Installation:

- A. Comply with manufacturer's installation guides and Product Data, including product technical bulletins, product catalog installation instructions, and product carton instructions for installation type selected.

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B. Work shall be done and completed in a thorough and workmanlike manner by mechanics skilled in their various trades.

C. Caulk Installation:

1. Use only approved sealants as described in Laminators Incorporated Installation Guidelines.
2. The sealant manufacturer's instructions shall be followed in preparing and installing sealants.
3. Joints to receive sealant shall be clean, dry and free from dust, grit and contaminants.
4. The sealant shall completely fill the glazing pockets.

3.3 Field Quality Control:

A. Manufacturer's Field Services: Upon Owner's request, provide manufacturer's field service consisting of product use recommendations and periodic site visit for inspection of product installation in accordance with manufacturer's instructions.

3.4 Cleaning and Protection:

A. Protection: Protect installed product and finish surfaces from damage during construction.

B. Cleaning: Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to owner's acceptance. Remove construction debris from project site and legally dispose of debris.

C. Protect installed products until completion of project.

D. Touch-up, repair or replace damaged products before Substantial Completion.

End of Section

DIVISION 10 - SPECIALTIES

SECTION 10400 - INTERIOR SIGNAGE

Part 1 - General

1.01 Work Included:

- A. All materials, labor, services and incidentals necessary for the completion of this entire section of the work.

1.02 Quality Assurance:

- A. Standards:
 - 1. UFAS Fed. Std. 795-Requirements for the physically handicapped.
 - 2. MIL Spec. L-P-387a, type NDP, rated self-extinguishing, for sign materials.

1.03 Submittals:

- A. Provide manufacturer's catalog cut and data sheets, complete parts list and installation requirements for each item specified.
- B. Schedules: Indicate location and placement for all graphic items.

1.04 Product Delivery, Storage and Handling:

- A. Handle and store all items with care to prevent damage and injury to finish surfaces.

Part 2 - Products

2.01 Products of the manufacturers listed below have been specified herein to simplify descriptions of design, construction, and materials only. All items have been selected for visual and performance design quality which shall serve as a basis for acceptance of equivalent products by other manufacturers.

2.02 Signage System:

- A. Material: 1/8 inch thick, type ES melamine plastic.
- B. Size: 8" x 8" x 1/8", with 1/2" radius corners. Custom design - refer to 2.04 for text and symbols.
- C. Mounting: All graphics shall be permanently mounted to wall or door surface with tamper resistant screws. Coordinate with fencing contractor and adjust mounting as directed.
- D. Color: refer to Color Schedule, submit color samples with submittals, prior to approval. **Colors will be a factor in product acceptance.**
- E. Letter Style: Helvetica Medium.
- F. Standard Grade 2 braille shall be below all copy, all signs.
- G. All graphic material shall meet the requirements of UFAS Fed. Std. 795, and MIL spec L-P-387a.
- H. Acceptable Manufacturer: Series 200A, Type D format, Mohawk Sign systems.

DIVISION 10 - SPECIALTIES

SECTION 10400 - INTERIOR SIGNAGE

2.03 Plaque Groupings Required:

<u>Quantity</u>	<u>Plaque</u>	<u>Mounting Location</u>
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**Coordinate location with Architect

Plaque	Quantity	Location
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A	**	1 each @ exterior doors or gates
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REFER TO DRAWINGS.

Part 3 - Execution

3.01 Installation:

- A. Comply with manufacturer's installation instructions and details on the Drawings. Set all units plumb and level in location indicated on the Drawings or as directed.
- B. Provide all necessary accessories: Items to support or attach Identifying Devices to result in a complete installation.
- C. Protect all signage plaques to prevent damage after installation.

End of Section