



2 Enlarged Site Plan
1" = 20'-0"

0 10' 20' 40'

NORTH



1 SITE PLAN
1" = 100'-0"

0 100' 200'

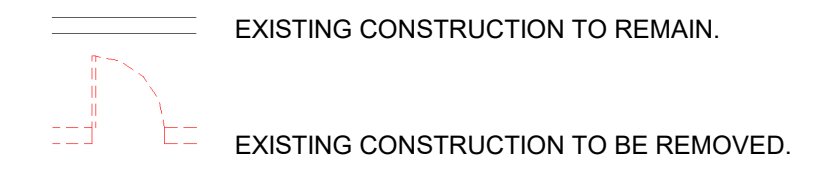
NORTH

REVISIONS

DATE
06.30.23
SHEET
Floor Plan

A2.1

WALL LEGEND (NOTE ALL TYPES MAY NOT BE USED)

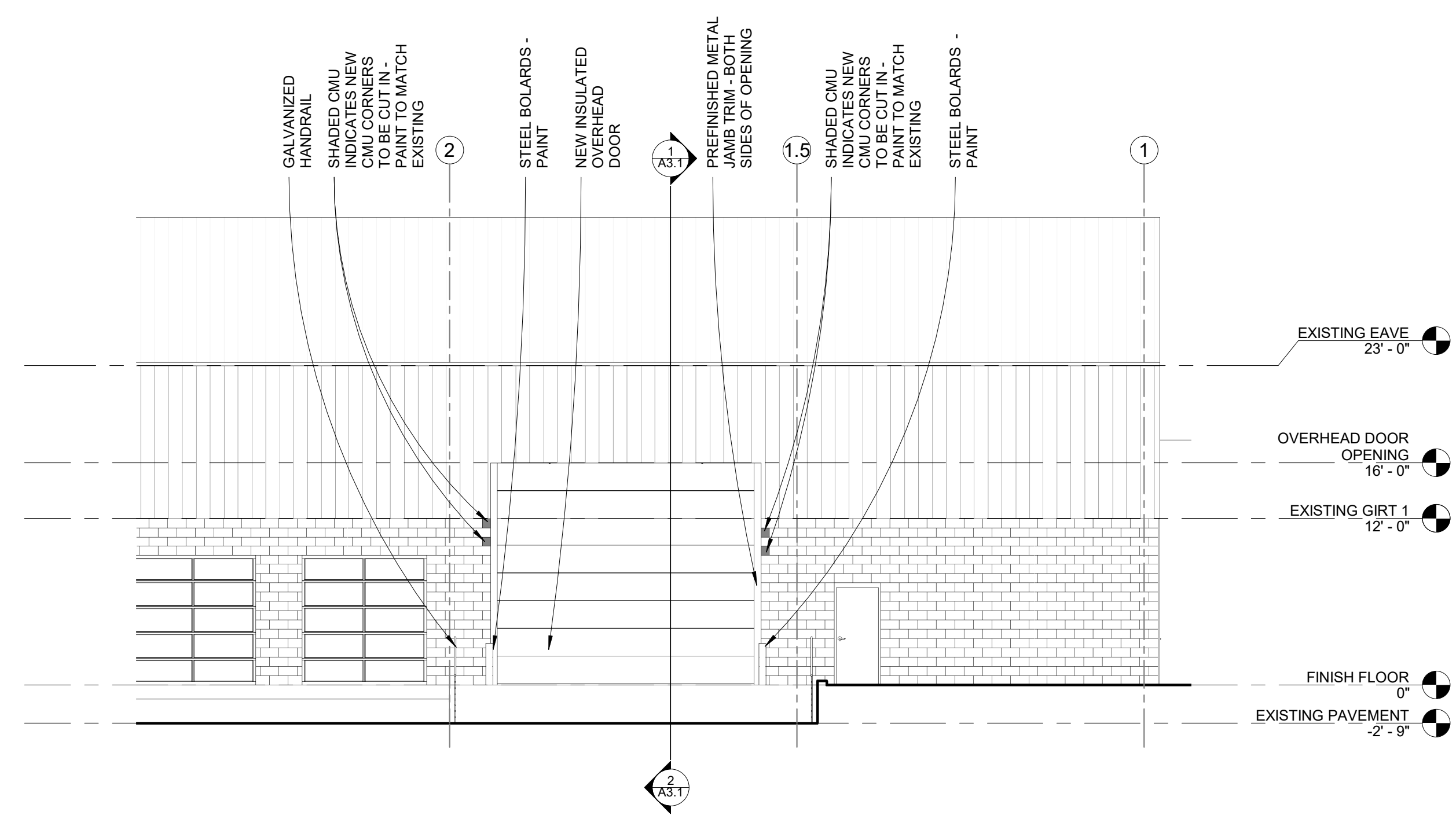


GENERAL CONSTRUCTION NOTES

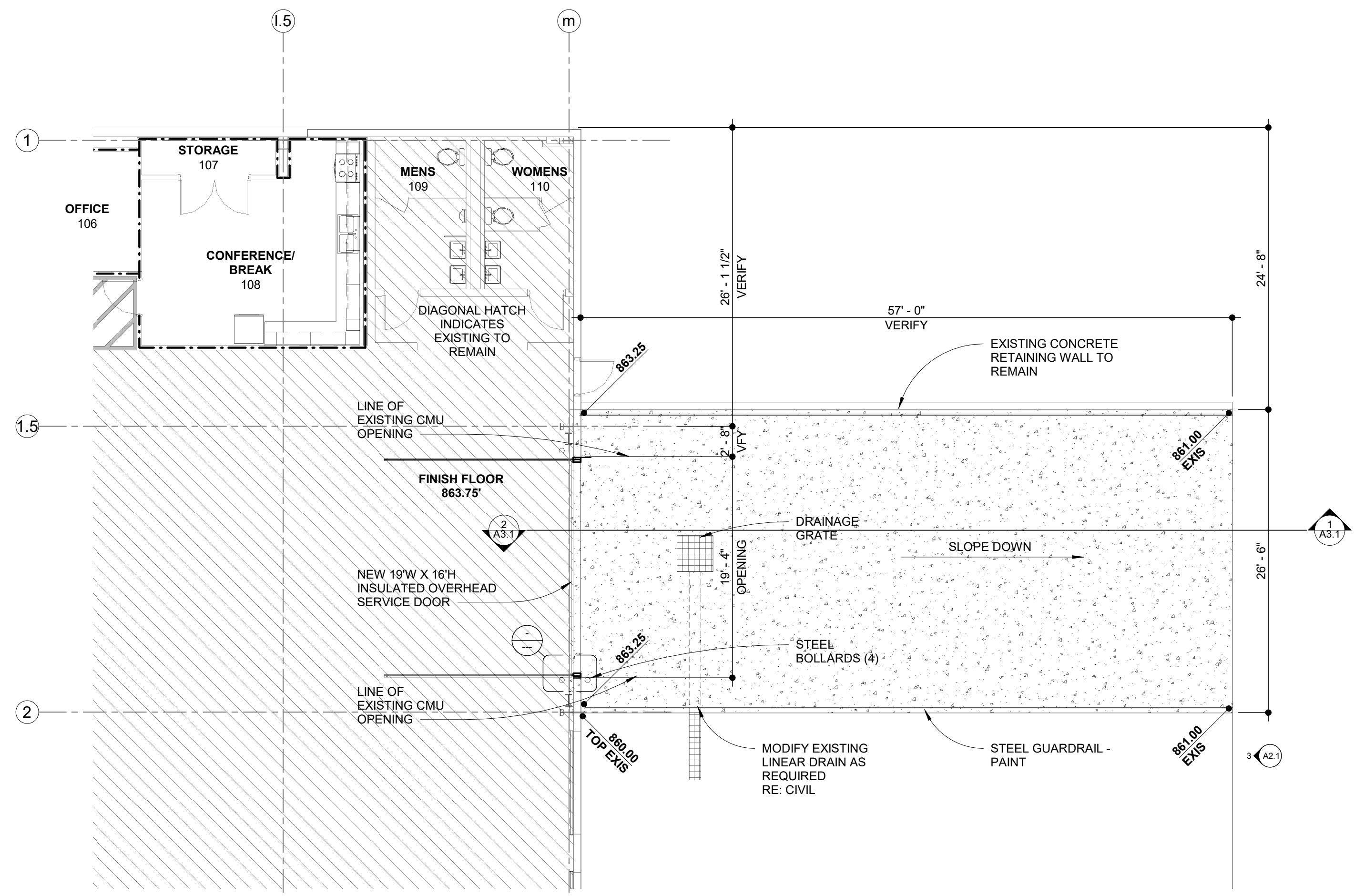
- UNLESS INDICATED OTHERWISE, FLOOR PLAN DIMENSIONS ARE TO THE CENTER LINE OF NEW METAL STUD WALL CONSTRUCTION AND TO THE FINISHED FACE OF EXISTING CONSTRUCTION.
- WHERE NEW FINISH MATERIALS ARE SPECIFIED TO BE INSTALLED ON EXISTING SURFACES, PREPARE EXISTING SURFACE AS INDICATED BY FINISH MATERIAL MANUFACTURER TO RESULT IN AN APPROPRIATE, UNIFORM BASE SURFACE ON WHICH TO PLACE THE NEW FINISH MATERIAL.
- PROVIDE AND INSTALL BLOCKING, FRAMING AND / OR BRACING AS REQUIRED TO SECURELY INSTALL ALL OWNER AND CONTRACTOR FURNISHED EQUIPMENT OR WALL PROTECTION ASSEMBLIES. VERIFY BLOCKING IS INSTALLED IN EXISTING WALLS TO RECEIVE OWNER OR CONTRACTOR FURNISHED EQUIPMENT OR WALL PROTECTION ASSEMBLIES.

GENERAL DEMOLITION NOTES

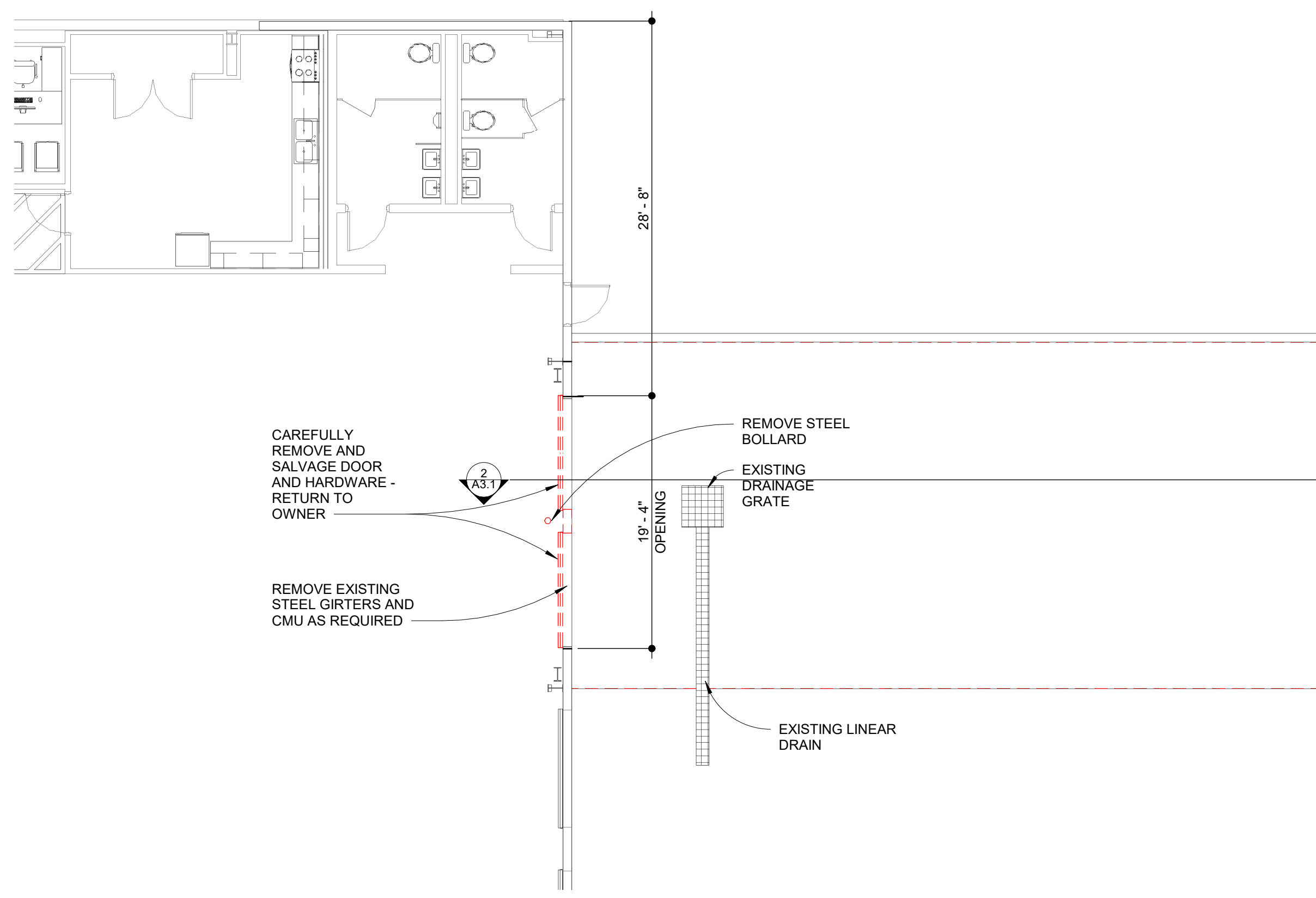
- PRIOR TO INITIATING DEMOLITION ACTIVITIES INDICATED, ENSURE THAT NO JURISDICTIONALLY REGULATED HAZARDOUS SUBSTANCE IS PRESENT WITHIN THE CONSTRUCTION AREA. IF A HAZARDOUS SUBSTANCE IS FOUND, NOTIFY THE OWNER, AND OBTAIN THE OWNER'S DIRECTION CONCERNING DISPOSITION OF THE SUBSTANCE PRIOR TO PROCEEDING WITH THE WORK.
- ALL DEMOLITION ACTIVITIES SHALL COMPLY WITH APPLICABLE PROVISIONS OF FEDERAL, STATE, COUNTY AND LOCAL JURISDICTIONAL REGULATORY REQUIREMENTS.
- UNLESS INDICATED OTHERWISE, ALL DEMOLISHED MATERIAL EQUIPMENT AND RELATED ITEMS SHALL UPON REMOVAL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN STRICT ACCORDANCE WITH REGULATORY REQUIREMENTS.
- PRIOR TO INITIATING DEMOLITION ACTIVITIES, FIELD VERIFY EXISTING SPACE CONFIGURATION AND COMPONENTS INDICATED ON THE DRAWINGS. SHALL DISCREPANCIES EXIST, NOTIFY THE ARCHITECT AND OBTAIN THE ARCHITECT'S DIRECTION CONCERNING DISPOSITION OF THE DISCREPANCY PRIOR TO PROCEEDING WITH THE WORK.
- PROTECT EXISTING CONSTRUCTION TO REMAIN WITHIN CONSTRUCTION AREA AND BUILDING COMPONENTS OUTSIDE THE CONSTRUCTION AREA FROM DAMAGE DURING DEMOLITION ACTIVITIES. SHALL DAMAGE OCCUR, REPAIR DAMAGE AS REQUIRED TO RETURN THE DAMAGED COMPONENT TO ITS CONDITION PRIOR TO INITIATION OF THE WORK. SHALL REPAIR NOT BE FEASIBLE, CONSULT THE ARCHITECT FOR DISPOSITION OF THE DAMAGED COMPONENT.
- SHALL DEMOLITION ACTIVITIES REQUIRE ACCESS TO OR THROUGH EXISTING OCCUPIED PUBLIC OR PRIVATE SPACES, CONSULT THE OWNER FOR SPECIFIC ACCESS REQUIREMENTS, AND ADHERE STRICTLY TO THE OWNER'S REQUIREMENTS.
- WHERE REQUIRED TO PROTECT EXISTING SPACES FROM DAMAGE AND/OR CONSTRUCTION DEBRIS, PROVIDE TEMPORARY ENCLOSURES, BARRIERS, FILTERS AND OTHER TEMPORARY MEASURES REQUIRED TO PROVIDE PROTECTION. MAINTAIN REQUIRED EXIT ACCESS CORRIDORS AND EXITS FREE AND CLEAR AT ALL TIMES UNLESS TEMPORARY OBSTRUCTION IS APPROVED BY JURISDICTIONAL REGULATORY AGENCIES.
- VERIFY THAT FIRE RESISTANCE RATING INDICATED ON EXISTING WALLS ABUTTING CONSTRUCTION AREA COMPLIES WITH RATING INDICATED, INCLUDING OPENING PROTECTIVES. SHALL ANY PORTION OF THE ASSEMBLY NOT COMPLY WITH FIRE RESISTANCE RATING, CONSULT THE ARCHITECT TO DETERMINE CORRECTIVE MEASURES REQUIRED REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS WHERE INDICATED.



3 EAST ELEVATION
1/8" = 1'-0"
0 4' 8' 16'

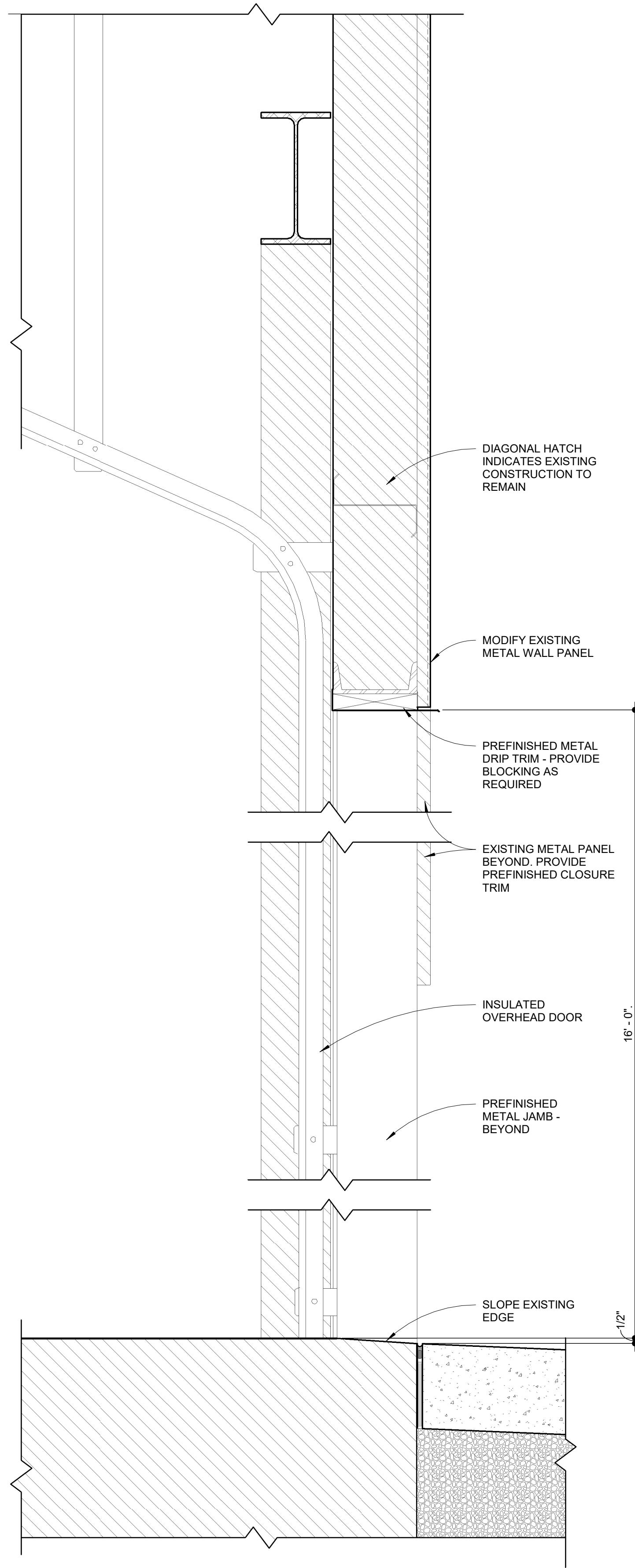


2 FLOOR PLAN
1/8" = 1'-0"
0 4' 8' 16'

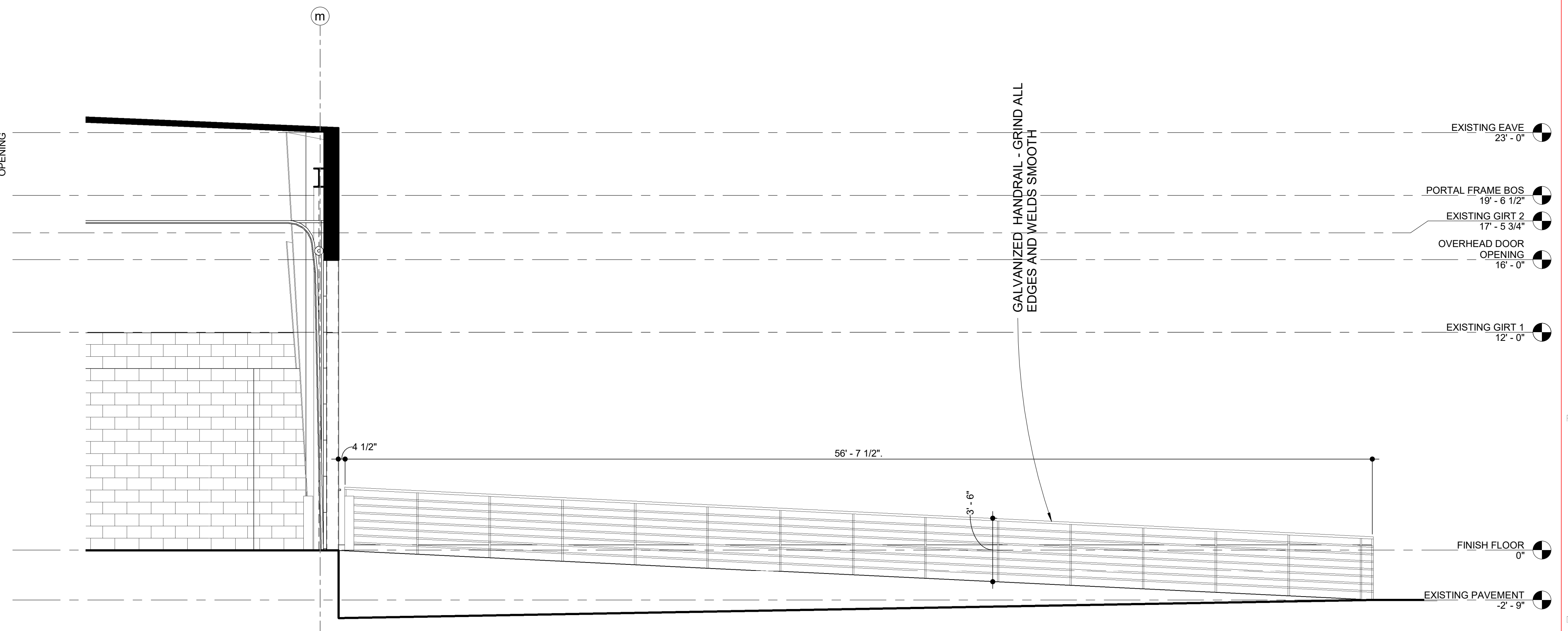
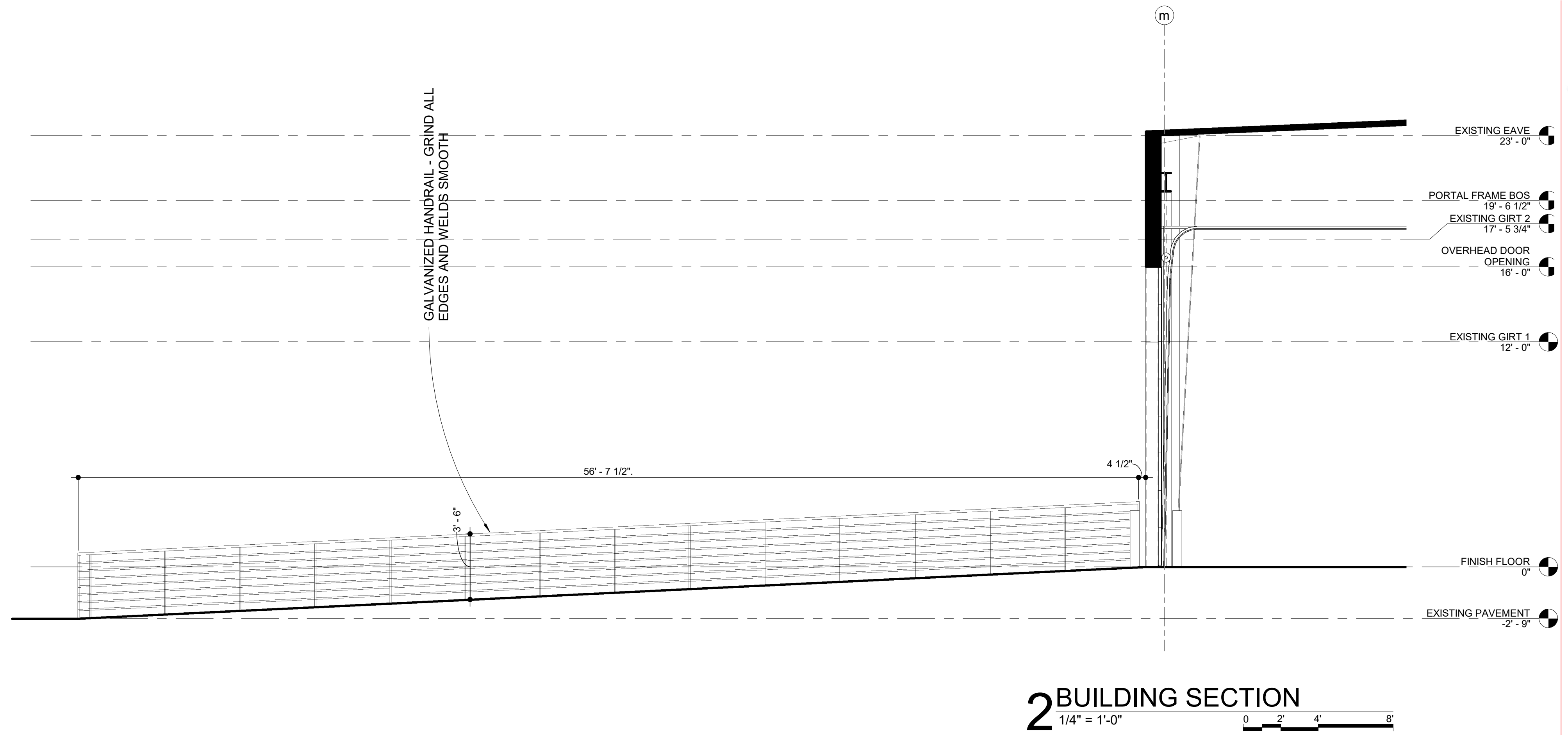


1 DEMOLITION PLAN
1/8" = 1'-0"
0 4' 8' 16'





3 WALL SECTION
 1/2" = 1'-0"
 0 4" 8" 1'-4"



1 BUILDING SECTION
 1/4" = 1'-0"
 0 2' 4' 8"

REVISIONS

DATE 06.30.23
 SHEET Details



wallace
design
collective

wallace design collective, pc
structural · civil · landscape · survey
123 north martin luther king jr. boulevard
tulsa, oklahoma 74103
918.584.5858 · 800.364.5858

OKCA #1460
EXP DATE: 06/30/25

mgm design group

Cherokee Nation Businesses - Tahlequah Warehouse

Ramp Addition

950 Main Parkway, Tahlequah Ok

REVISIONS

DATE

06.30.2023

SHEET

GENERAL NOTES AND SPECIAL INSPECTIONS

S0.1

ABBREVIATIONS

ARCH	ARCHITECT / ARCHITECTURAL
BRG	BEARING
COL	COLUMN
CONC	CONCRETE
EMBED	EMBEDMENT / EMBEDDED
ENG	ENGINEER / ENGINEERING
EOR	ENGINEER OF RECORD
EXIST	EXISTING
GC	GENERAL CONTRACTOR
HORIZ	HORIZONTAL
KSI	KIPS PER SQUARE INCH
LBS	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAX	MAXIMUM
MIN	MINIMUM
OC	ON CENTER
OH	OPPOSITE HAND
PEMB	PRE-ENGINEERED METAL BUILDING
REF	REFER TO
REINF	REINFORCING / REINFORCEMENT
SF	SQUARE FEET
SIM	SIMILAR
T	TOP
T&B	TOP AND BOTTOM
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE

SPECIAL INSPECTION REQUIREMENTS (2018)

SPECIAL INSPECTIONS REQUIREMENTS (IBC 2018 CHAPTER 17)

- THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS PER SECTION 1704 OF THE IBC. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN THE PROJECT SPECIFICATIONS.
- REPORT REQUIREMENTS SHALL CONFORM TO SECTIONS 1704.2.4 AND 1704.5 OF THE IBC. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO COMPLETION OF THAT PHASE OF WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR REGARDING INDIVIDUAL INSPECTION FOR ITEMS LISTED ON THE STATEMENT OF SPECIAL INSPECTIONS AND AS NOTED ON THE BUILDING DEPARTMENT APPROVED PLANS. ADEQUATE NOTICE AND ACCESS TO APPROVED PLANS SHALL BE PROVIDED SO THAT THE SPECIAL INSPECTOR HAS TIME TO BECOME FAMILIAR WITH THE PROJECT.
- FABRICATORS OF STRUCTURAL LOAD-BEARING OR LATERAL LOAD RESISTING MEMBERS OR ASSEMBLIES SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1704.2.5 OF THE IBC.
- SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF WORK IS APPROVED FOR OCCUPANCY.

IBC 2018 REQUIRED SPECIAL INSPECTIONS

		FREQUENCY OF INSPECTION	
		CONTINUOUS	PERIODIC
STEEL CONSTRUCTION - STRUCTURAL STEEL (IBC SECTION 1705.2.1)			
1.	SPECIAL INSPECTION AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360-16.		

AISC 360-16, CHAPTER N SPECIAL INSPECTION REQUIREMENTS

		FREQUENCY OF INSPECTION	
		PERFORM	OBSERVE
N5.6 - INSPECTION OF HIGH-STRENGTH BOLTS			
AISC 360-16, TABLE N5.6-1 - INSPECTION TASKS PRIOR TO BOLTING			
1.	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	X	---
2.	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	---	X
3.	CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH) IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE	---	X
4.	CORRECT BOLTING PROCEDURES SELECTED FOR JOINT DETAIL	---	X
5.	CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	---	X
6.	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	X	X
7.	PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	---	X
AISC 360-16, TABLE N5.6-2 - INSPECTIONS DURING BOLTING			
1.	FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	---	X
2.	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	---	X
3.	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	---	X
4.	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	---	X
N5.7 - OTHER INSPECTION TASKS			
1.	INSPECTION OF GALVANIZED STEEL STRUCTURAL MAIN MEMBERS EXPOSED CUT SURFACES OF GALVANIZED MAIN MEMBERS AND EXPOSED CORNERS OF HSS SHALL BE VISUALLY INSPECTED FOR CRACKS SUBSEQUENT TO GALVANIZING.	X	---
N5.8 - OTHER INSPECTION TASKS			
1.	INSPECT THE STEEL TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS.	X	---
2.	INSPECT THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. THE DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE, SHALL BE VERIFIED AND DOCUMENTED PRIOR TO PLACEMENT OF CONCRETE	X	---
	** PERFORM - PERFORM THESE TASKS FOR EACH CONNECTION.		
	** OBSERVE - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.		

COLD-FORMED STEEL FRAMING

- COLD-FORMED STEEL FRAMING AND CONNECTIONS ARE DESIGNED AND DETAILED TO CONFORM TO AISI 100 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.
- ALL STUDS, JOISTS, RACK, BRIDGING, END CLOSURES, AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF THE AISI SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS UNLESS NOTED OTHERWISE.
- PROVIDE COLD-FORMED STEEL FRAMING IN ACCORDANCE WITH THE FOLLOWING, UNLESS NOTED OTHERWISE
 - 54 MIL (16 GA) AND THICKER ASTM A1003, GRADE 50, TYPE H (ST50H)
 - 43 MIL (18 GA) AND THINNER ASTM A1003, GRADE 33, TYPE H (ST33H)
 - ACCESSORIES, TRACK, AND OTHER ASTM A1003, GRADE 33, TYPE H (ST33H), MIN. MEMBERS
- COLD-FORMED STEEL FRAMING MANUFACTURERS SHALL BE CERTIFIED BY THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) OR THE STEEL FRAMING INDUSTRY ASSOCIATION (SFIA).
- UNLESS NOTED OTHERWISE, TRACKS SHALL BE 43 MILS (18 GA) MINIMUM THICKNESS FOR WALL STUDS 43 MIL (18 GA) OR THINNER. TRACKS SHALL MATCH WALL STUD THICKNESS FOR WALL STUDS 54 MIL (16 GA) AND THICKER.
- CONNECTIONS SHALL CONSIST OF APPROVED FASTENERS AS SHOWN IN THE CONTRACT DOCUMENTS.
- INSTALLATION OF BRIDGING MUST BE COMPLETE BEFORE ANY LOADS ARE APPLIED TO THE SYSTEM. TERMINATE BRIDGING AT JAMBS, CORNER STUDS, OR COLUMNS. BRACE STUDS AGAINST ROTATION.

EXISTING CONSTRUCTION CONDITIONS

- WORK WITH EXISTING STRUCTURES REQUIRES THOROUGH COORDINATION OF THE CONTRACT DOCUMENTS WITH EXISTING CONDITIONS. THE CONTRACTOR MUST VERIFY ALL RELEVANT EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, DETAILS, ETC., BEFORE THE START OF WORK. THE CONTRACTOR MUST REPORT ANY DEVIATIONS FROM CONDITIONS OR DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS TO THE ARCHITECTURAL DESIGN PROFESSIONAL AND THE STRUCTURAL DESIGN PROFESSIONAL TO REVIEW THE DESIGN AND FOR POSSIBLE REVISION OF THE CONTRACT DOCUMENTS. BEGINNING FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS.
 - THE NATURE OF STRUCTURAL DEMOLITION OR STABILIZATION IS INHERENTLY UNCERTAIN. THE EXACT CONDITION AND CAPACITY OF EACH STRUCTURAL ELEMENT CANNOT BE VERIFIED BEFORE THE START OF WORK. IT IS IMPERATIVE TO REPORT ANY ELEMENT WITH QUESTIONABLE STRUCTURAL INTEGRITY TO THE ARCHITECTURAL DESIGN PROFESSIONAL AND THE STRUCTURAL DESIGN PROFESSIONAL FOR IMMEDIATE REVIEW.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL SHORING, BRACING, AND PROTECTION MEASURES NECESSARY TO SAFEGUARD AND MAINTAIN THE EXISTING STRUCTURE DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR THE SHORING, BRACING, AND PROTECTION OF THE EXISTING CONSTRUCTION FOR REVIEW BY THE DESIGN PROFESSIONAL. THE REVIEW OF THE SUBMITTAL BY THE STRUCTURAL DESIGN PROFESSIONAL IS ONLY FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS. THE PLAN MUST INCLUDE THE PROPOSED CONSTRUCTION SEQUENCE, THE SHORING, BRACING, AND PROTECTION PLAN MUST BE SIGNED AND SEALED BY AN ENGINEER LICENSED IN THE PROJECT JURISDICTION.
 - DURING WELDING OR ANY OTHER CONSTRUCTION ACTIVITY THAT GENERATES SPARKS OR INTENSE HEAT, THE CONTRACTOR SHALL PROVIDE ADEQUATE FIRE PROTECTION TO THE EXISTING STRUCTURE AND CONTENTS.
 - NO REINFORCING SHALL BE CUT WITHOUT THE APPROVAL OF THE STRUCTURAL DESIGN PROFESSIONAL. ADDITIONAL REINFORCEMENT OF THE SLAB MAY BE REQUIRED FOR NEW PENETRATIONS. CLUSTERED PENETRATIONS MAY NEED TO BE SEPARATED OR REGROUPED DEPENDING ON THE CONFIGURATION OF THE SLAB REINFORCING.
 - PENETRATIONS ARE NOT PERMITTED IN PRIMARY STRUCTURAL MEMBERS (BEAMS AND COLUMNS) WITHOUT THE STRUCTURAL DESIGN PROFESSIONAL'S WRITTEN PERMISSION.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE EXISTING BUILDING.

POST-INSTALLED FASTENING AND ANCHORAGE IN CONCRETE AND MASONRY

- PROVIDE POST-INSTALLED ANCHORS ONLY WHERE SPECIFIED IN THE CONSTRUCTION DOCUMENTS OR WHERE SPECIFICALLY APPROVED BY THE STRUCTURAL DESIGN PROFESSIONAL. SUBMIT PROPOSED POST-INSTALLED ANCHORING PRODUCTS BEFORE USE.
- PROVIDE CARBON STEEL ANCHOR RODS FOR ADHESIVE ANCHORING SYSTEMS MADE OF MATERIAL CONFORMING TO ASTM A193, GRADE B7. PROVIDE STAINLESS STEEL ANCHOR RODS FOR ADHESIVE ANCHORING SYSTEMS MADE OF MATERIAL CONFORMING TO ASTM A193, GRADE B6.
- PROVIDE POST-INSTALLED, ADHESIVE CONCRETE ANCHORS IN CRACKED AND UNCRACKED CONCRETE MEETING THE FOLLOWING CRITERIA:
 - ADHESIVE ANCHOR SYSTEMS (ADHESIVES AND CONNECTING HARDWARE) SHALL BE TESTED AND QUALIFIED IN ACCORDANCE WITH ACI 308.4 AND/OR ICC-ES AC308 FOR USE IN CRACKED CONCRETE. ANCHOR SYSTEMS SHALL BEAR A VALID ICC_ES REPORT (OR EQUIVALENT).
 - ADHESIVE ANCHOR SYSTEMS INSTALLED IN OVERHEAD OR UPWARDLY INCLINED ORIENTATIONS, AND ADHESIVE ANCHOR SYSTEMS RESISTING SUSTAINED TENSION LOADS SHALL BE INSTALLED BY INSTALLERS CERTIFIED IN ACCORDANCE WITH THE ACI/CSRI "ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM."
 - THE INSTALLATION SHALL BE INSPECTED IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.
 - THE MINIMUM EMBEDMENT LENGTH OF ANCHORS SHALL BE SIX TIMES THE ANCHOR DIAMETER UNLESS NOTED OTHERWISE.
- PREPARE THE HOLE AND INSTALL THE ANCHORS IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. DO NOT CORE DRILL INSTALLATION HOLES WITHOUT THE APPROVAL OF THE STRUCTURAL DESIGN PROFESSIONAL.
- POST-INSTALLED ANCHORS EXPOSED TO WEATHER SHALL BE GALVANIZED.
- FIELD VERIFY THE LOCATION OF EXISTING REINFORCEMENT (INCLUDING POST-TENSIONING TENDONS WHERE APPLICABLE) IN EXISTING CONCRETE ELEMENTS PRIOR TO SUBMITTING ANY SHOP DRAWINGS SHOWING POST-INSTALLED ANCHORS. NOTIFY THE STRUCTURAL DESIGN PROFESSIONAL OF ANY CONFLICTS BETWEEN EXISTING REINFORCEMENT AND POST-INSTALLED ANCHORS.
- LOCATION OF EXISTING ELEMENTS MAY BE ESTABLISHED USING GROUND-PENETRATING RADAR (GPR), RADAR IMAGING, X-RAY SCANNING, OR ANY OTHER RELIABLE NON-DESTRUCTIVE METHOD.

STRUCTURAL OBSERVATION REQUIREMENTS (IBC 2018 SECTION 1704.6)

- A REPRESENTATIVE OF THE ENGINEER OF RECORD WILL PERFORM THE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS AT COMPLETION OF THE STRUCTURAL SYSTEM. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTION REQUIRED OF THE BUILDING OFFICIAL OR THE SPECIAL INSPECTOR.
- THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST 48 HOURS PRIOR TO COMPLETING CONSTRUCTION OPERATIONS THAT REQUIRE STRUCTURAL OBSERVATION BY CALLING (918) 584-5858 TO SCHEDULE A SITE VISIT.

CODE AND DESIGN CRITERIA

- STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE FOLLOWING:
 - INTERNATIONAL BUILDING CODE, 2018 EDITION WITH OKLAHOMA STATE AMENDMENTS
- STRUCTURE RISK CATEGORY
 - RISK CATEGORY II
- GRAVITY LOADS
 - DEAD LOAD — SELF WEIGHT OF DOOR AND FRAMING
- WIND DESIGN DATA
 - BASIC DESIGN WIND SPEED V = 108 MILES/HOUR
 - ALLOWABLE STRESS DESIGN WIND SPEED V_{WD} = 84 MILES/HOUR
 - WIND EXPOSURE EXPOSURE C
 - INTERNAL PRESSURE COEFFICIENT GC_p = +/- 0.18
 - SEE COMPONENTS AND CLADDING DESIGN WIND PRESSURE DIAGRAM
 - COMPONENTS AND CLADDING DESIGN WIND PRESSURES
 - WALLS
 - ZONE 4 13.1 PSF / -14.4 PSF WHEN ZONE 5 DOES NOT APPLY.
 - ZONE 5 13.1 PSF / -15.7 PSF 19'-6" FROM BUILDING CORNER IN EACH DIRECTION
 - COMPONENTS AND CLADDING WIND PRESSURES LISTED ABOVE ARE BASED UPON AN EFFECTIVE WIND AREA OF 10 SQUARE FEET. POSITIVE PRESSURES INDICATE WIND LOADING TOWARD THE SURFACE. NEGATIVE PRESSURES INDICATE WIND LOADING AWAY FROM THE SURFACE.
- EARTHQUAKE DESIGN DATA
 - SEISMIC IMPORTANCE FACTOR I_p = 1.00
 - MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS
 - 0.2-SECOND PERIOD S_s = 0.127
 - 1.0-SECOND PERIOD S₁ = 0.072
 - SITE CLASS SITE CLASS D (ASSUMED DEFAULT)
 - DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS
 - 0.2-SECOND PERIOD S_{DS} = 0.135
 - 1.0-SECOND PERIOD S_{D1} = 0.115
 - SEISMIC DESIGN CATEGORY SDC B
 - EXISTING BUILDING
 - BASED ON THE PROVISIONS OF CHAPTER 34 OF THE AMENDED INTERNATIONAL BUILDING CODE, STRUCTURAL ELEMENTS OF THE EXISTING STRUCTURE ARE NOT BEING ALTERED OR MODIFIED TO THE EXTENT REQUIRING THE EXISTING SEISMIC LATERAL FORCE RESISTING SYSTEM TO BE UPGRADED TO MEET THE PROVISIONS AND REQUIREMENTS OF THE CURRENT BUILDING CODE.
 - DEAD + LIVE LOAD L/180 OR 2.0 INCHES

GENERAL

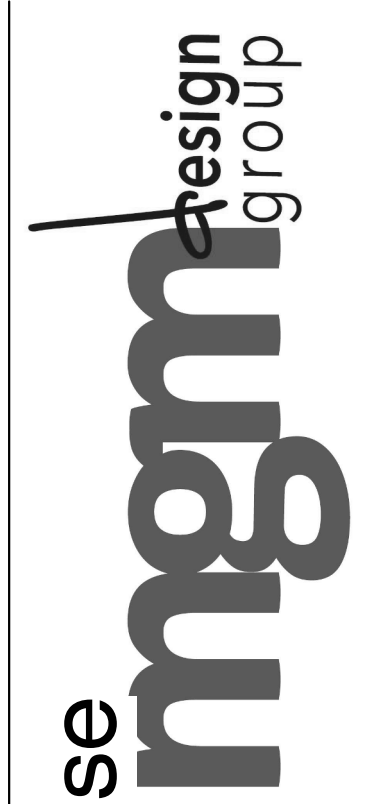
- NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL, OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF OWNER, CONTRACTOR, DESIGN PROFESSIONAL, SUPPLIER, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS, NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE DESIGN PROFESSIONAL OF RECORD OR ANY OF THE DESIGN PROFESSIONAL OF RECORD'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.
- THE CONTRACT DOCUMENTS INCLUDE BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS (DRAWINGS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.
- REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR REFERENCE TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION, OR TENTATIVE SPECIFICATION ADOPTED AT THE DATE OF TAKING BIDS UNLESS SPECIFICALLY STATED OTHERWISE.
- THE CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATIONS OF ACI, PCI, AISC, SJI, OR OTHER STANDARDS. WHERE A CONFLICT OCCURS WITHIN THE CONTRACT DOCUMENTS, THE STRICTEST REQUIREMENT SHALL GOVERN.
- MATERIAL, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE REFERENCED BUILDING CODE.
- THE CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS, ELEVATIONS, MEMBER SIZES, AND SITE CONDITIONS BEFORE STARTING WORK. THE DESIGN PROFESSIONAL SHALL BE NOTIFIED OF ANY DISCREPANCY.
- THE CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY SUPPORTS REQUIRED FOR STABILITY DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY THE CONTRACTOR.
- THE CONTRACTOR HAS THE SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE USE OF CONSTRUCTION EQUIPMENT ON THE STRUCTURE. ANY DAMAGE CAUSED BY CONSTRUCTION EQUIPMENT SHALL BE REPAIRED.
- ELECTRONIC DRAWING FILES WILL NOT BE PROVIDED TO THE CONTRACTOR UNLESS PROVIDED FOR IN THE CONTRACT OR AS AGREED TO BY THE DESIGN TEAM AND THE CONTRACTOR.
- REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED.
- DETAILS LABELED "TYPICAL" ON THE STRUCTURAL DRAWINGS APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE LOCATIONS SPECIFICALLY INDICATED.

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING MATERIAL STANDARDS, UNLESS NOTED OTHERWISE.
 - CHANNELS ASTM A36
 - ANGLES ASTM A36
 - PLATES, RODS, AND CONNECTING MATERIAL ASTM A36
- BOLTS AND ANCHORS:
 - BOLTED CONNECTIONS SHALL BE TYPE N (BEARING TYPE WITH THREADS INCLUDED IN THE SHEAR PLANE) WITH MINIMUM 1/2 INCH DIAMETER, ASTM F1525, GRADE A325 BOLTS.
- STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO BOTH THE AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
- SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN IN THE CONTRACT DOCUMENTS FOR REVIEW BY THE STRUCTURAL DESIGN PROFESSIONAL. REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR THE DESIGN AND ADEQUACY OF SUCH CONNECTIONS.
 - DEVIATION FROM THE CONNECTION DETAILS DEPICTED IN THE CONTRACT DOCUMENTS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL DESIGN PROFESSIONAL.
- ALL STRUCTURAL STEEL SHALL BE FABRICATOR'S STANDARD LEAD AND CHROMATE FREE -RUST INHIBITING PRIMER.



wallace design collective, pc
 structural · civil · landscape · survey
 123 north martin luther king jr. boulevard
 tulsa, oklahoma 74103
 918.584.5858 · 800.364.5858
 OKCA #1460
 EXP DATE: 06/30/25

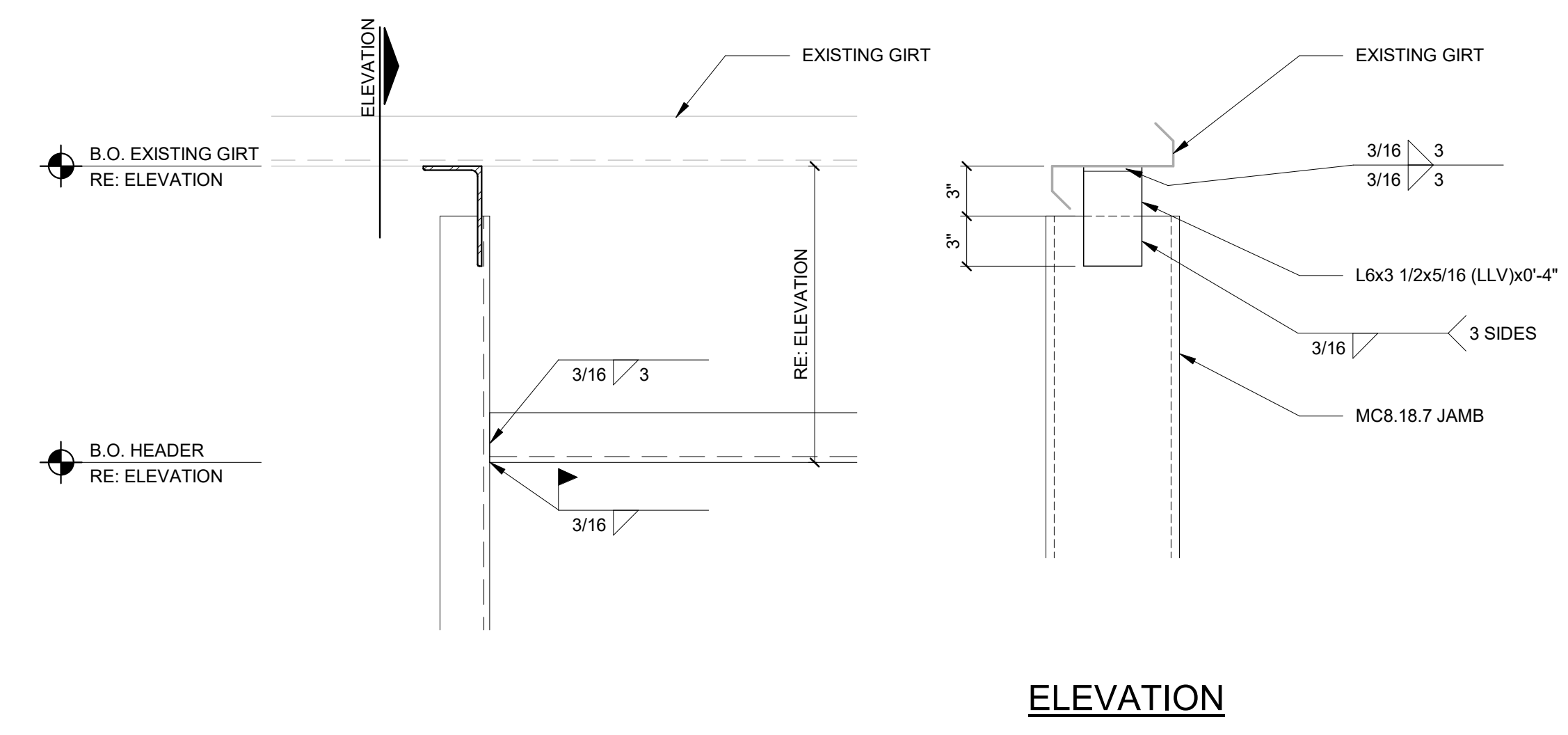


Cherokee Nation Businesses - Tahlequah Warehouse
Ramp Addition
 950 Main Parkway, Tahlequah Ok

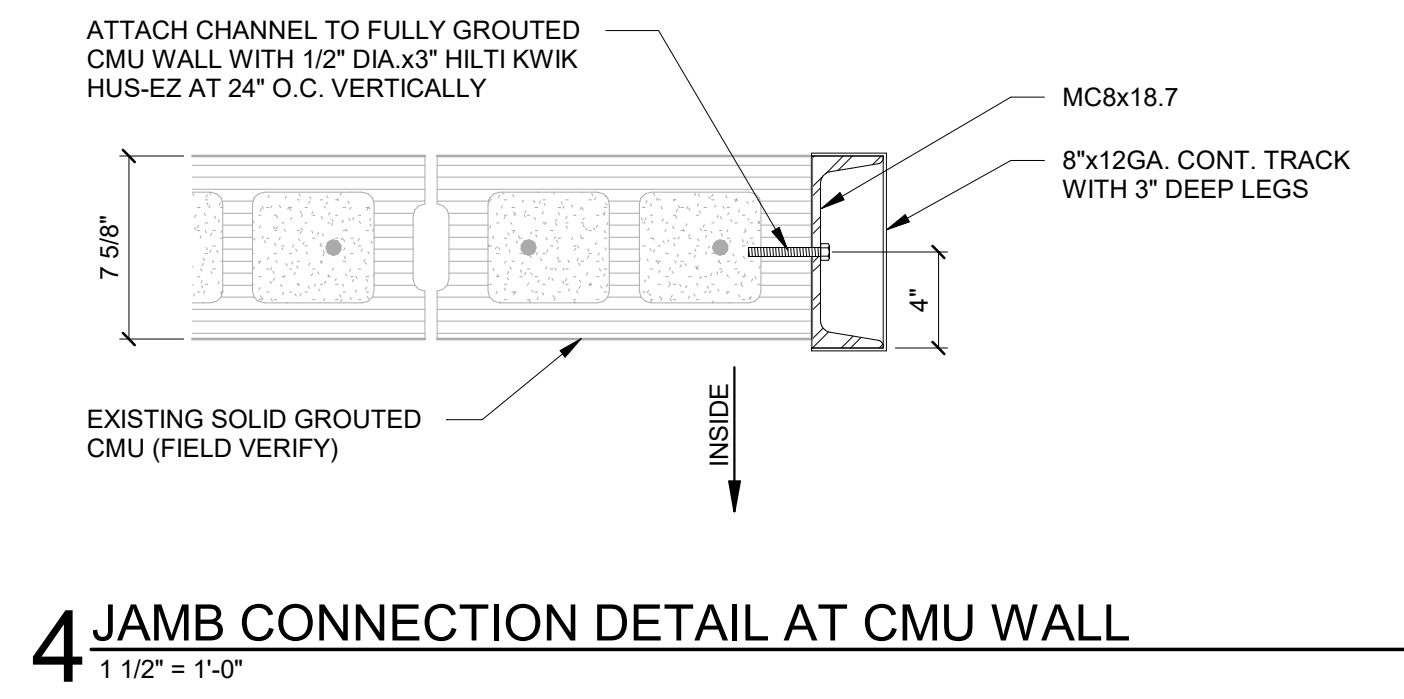
REVISIONS

DATE
 06.30.2023
 SHEET
 PLAN AND DETAILS

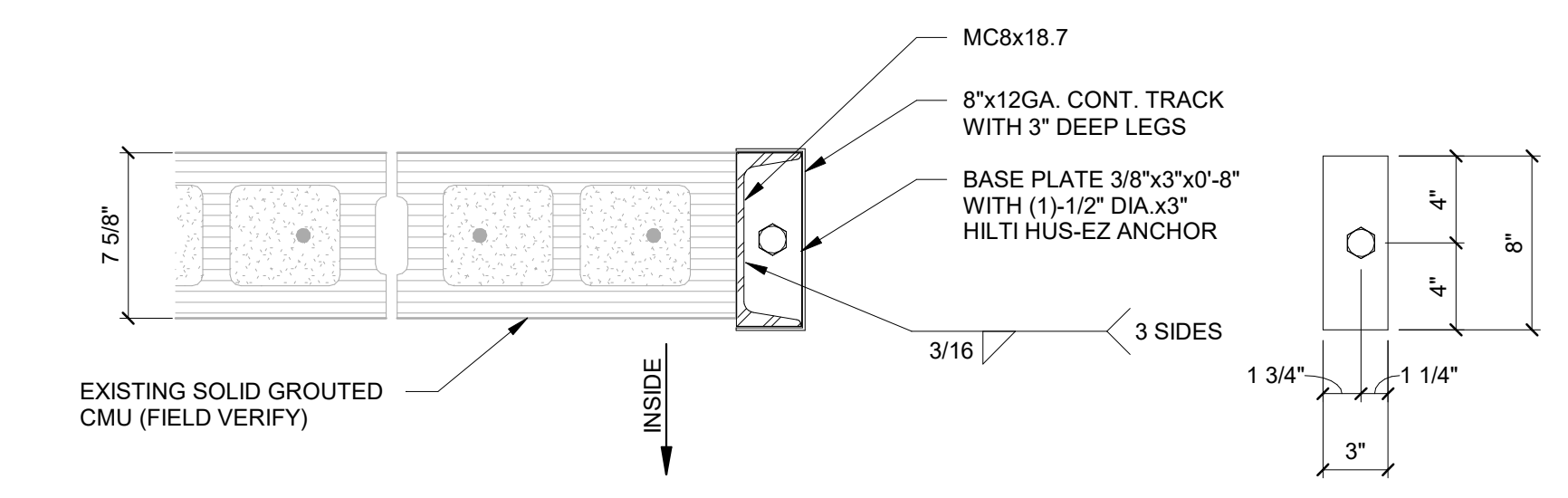
S1.0



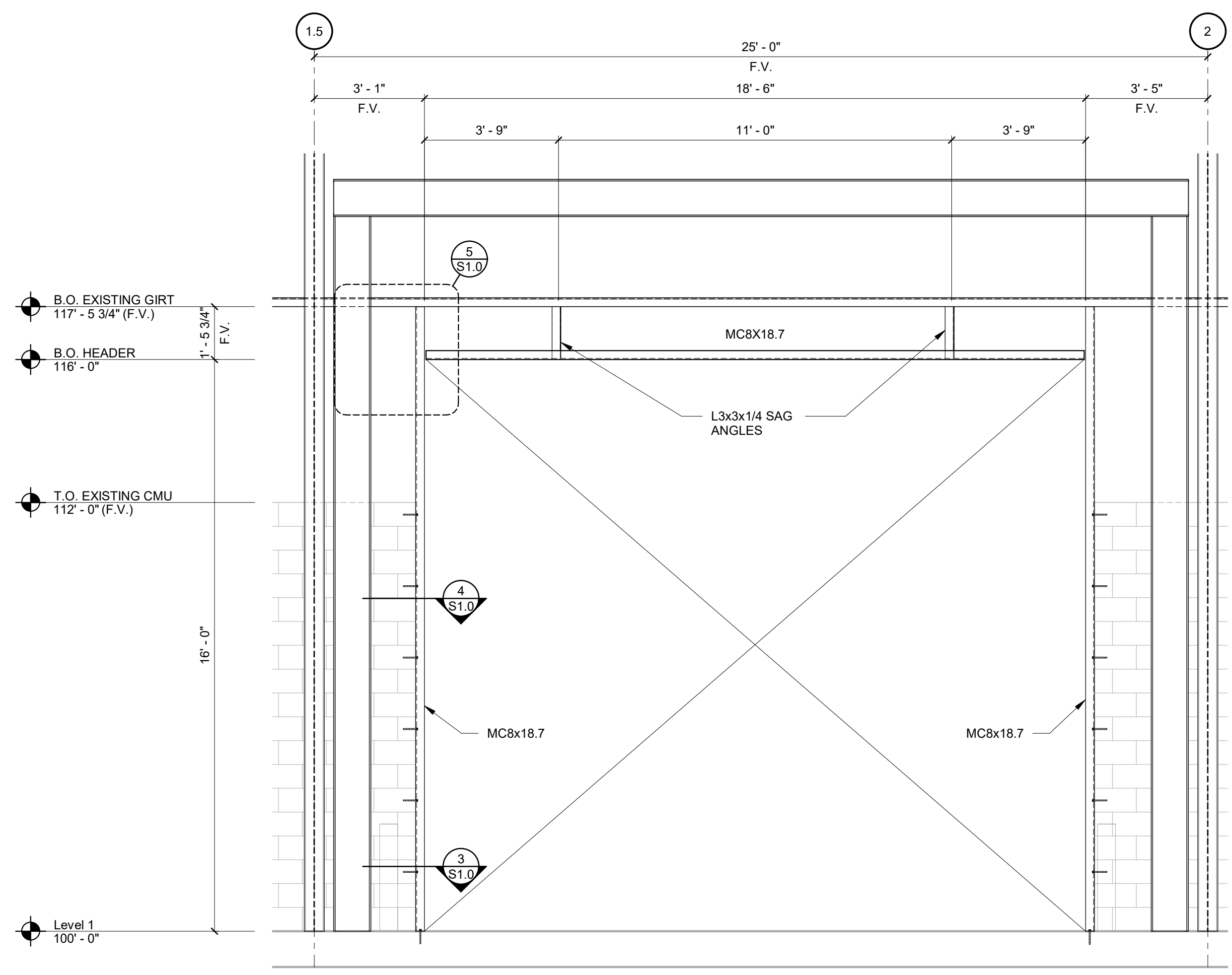
5 CONNECTION DETAIL
 1 1/2" = 1'-0"



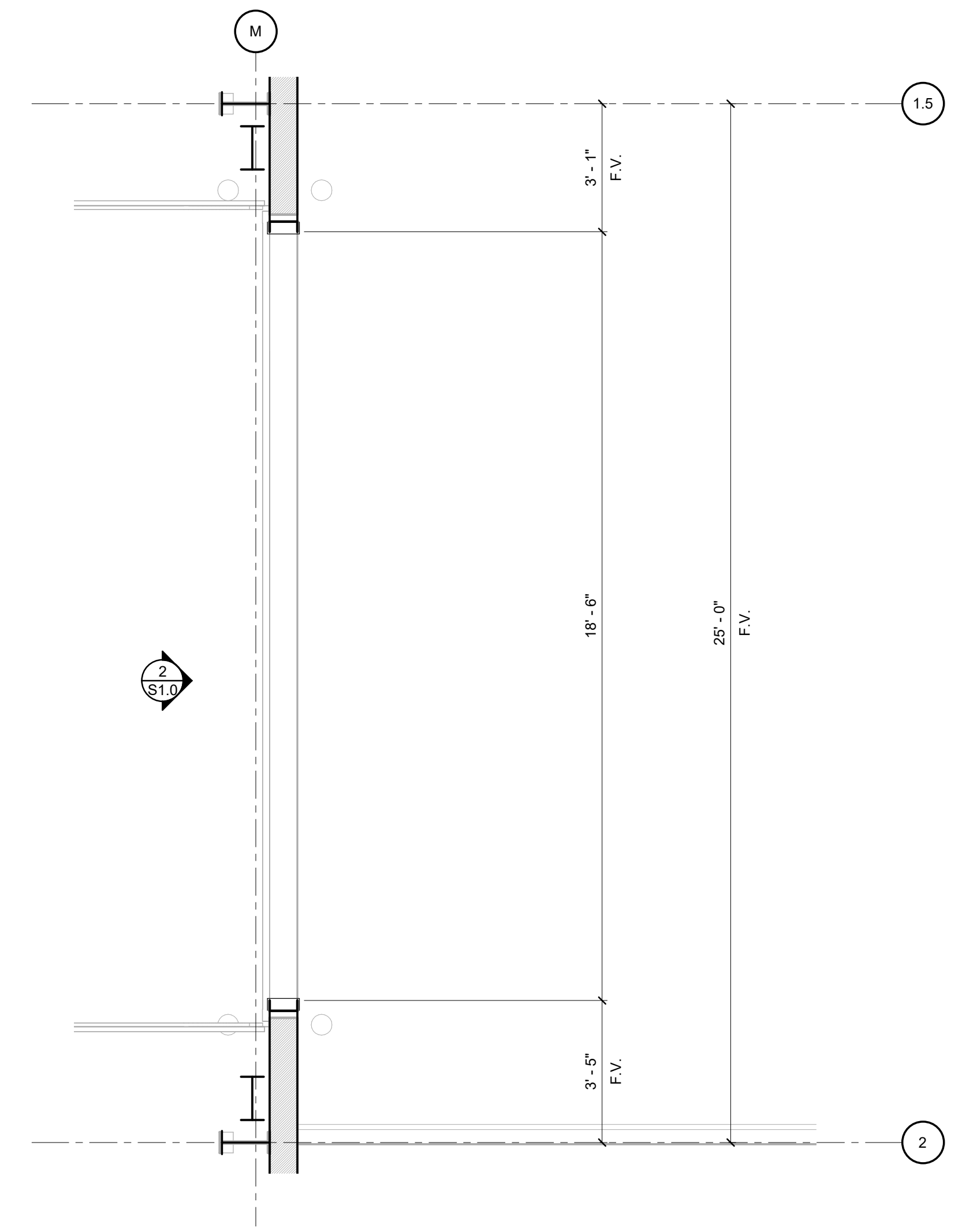
4 JAMB CONNECTION DETAIL AT CMU WALL
 1 1/2" = 1'-0"



3 JAMB CONNECTION DETAIL AT BASE
 1 1/2" = 1'-0"



2 ELEVATION AT NEW DOOR OPENING
 3/8" = 1'-0"



1 PLAN AT NEW DOOR OPENING
 3/8" = 1'-0"