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Woodstock, GA 30189
CPLteam.com



AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number
R22.16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE
RENOVATION

Project Address
3109 Wrightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

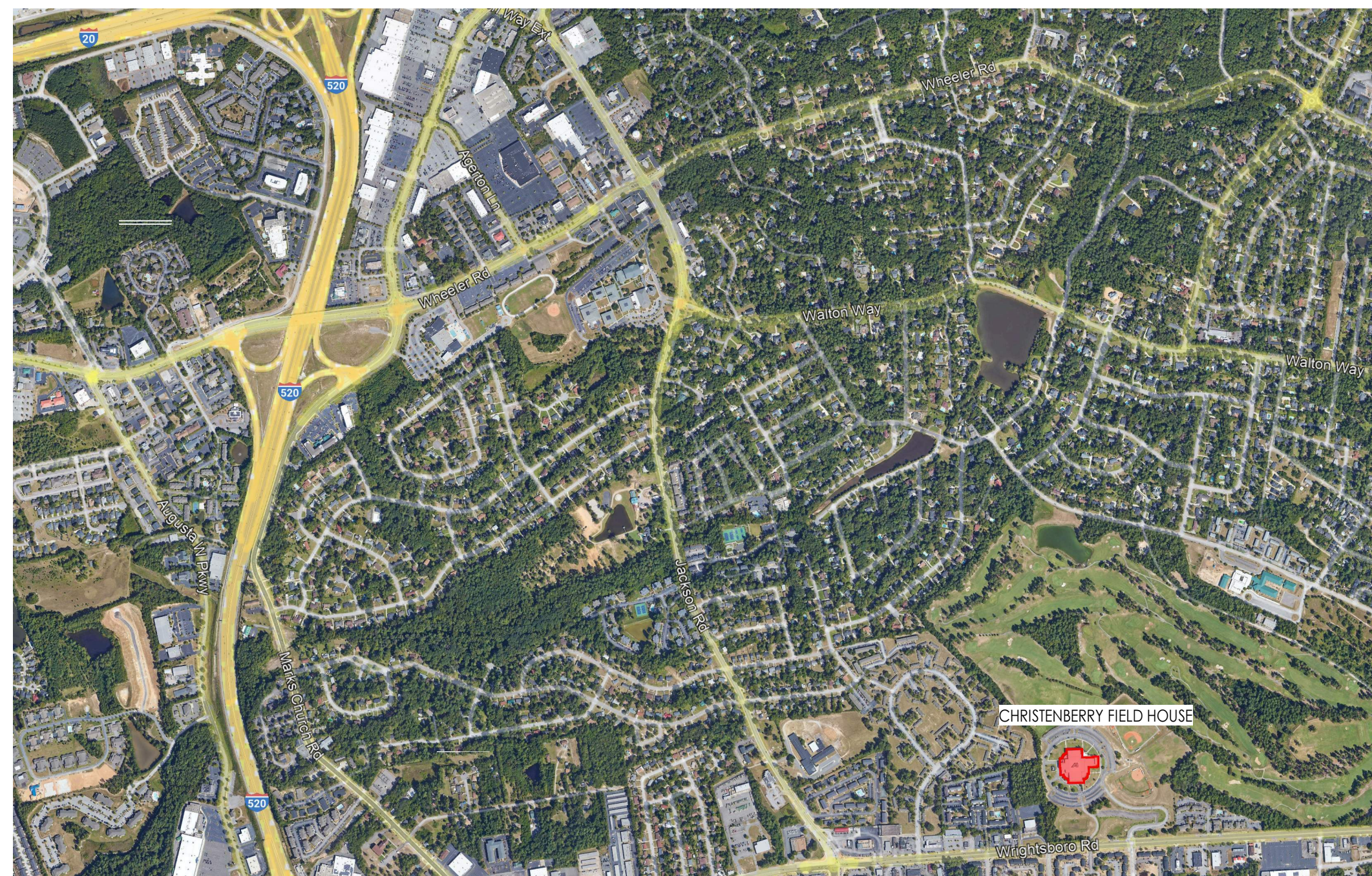
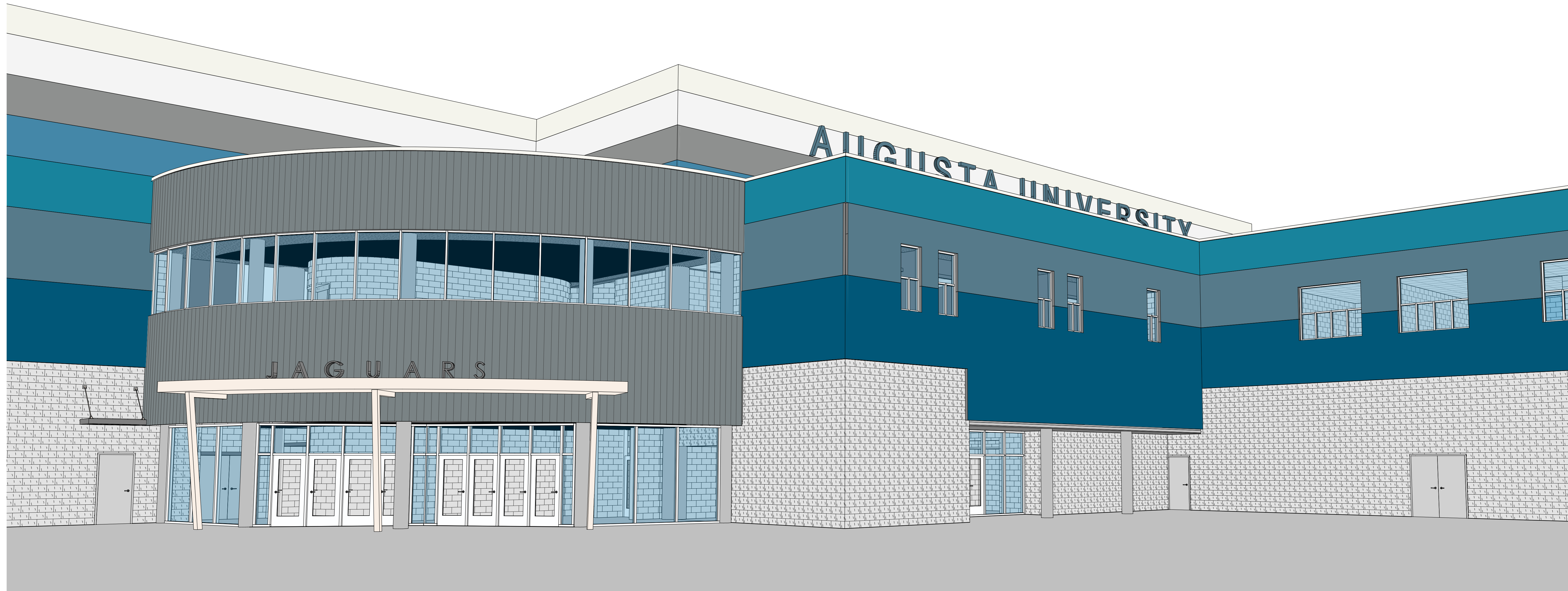
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Drawn By: CPL Checked By: CPL
Drawing Title: COVER
Drawing Number:

AUGUSTA UNIVERSITY

J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

BID SET

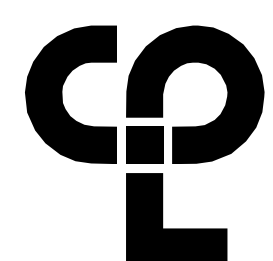
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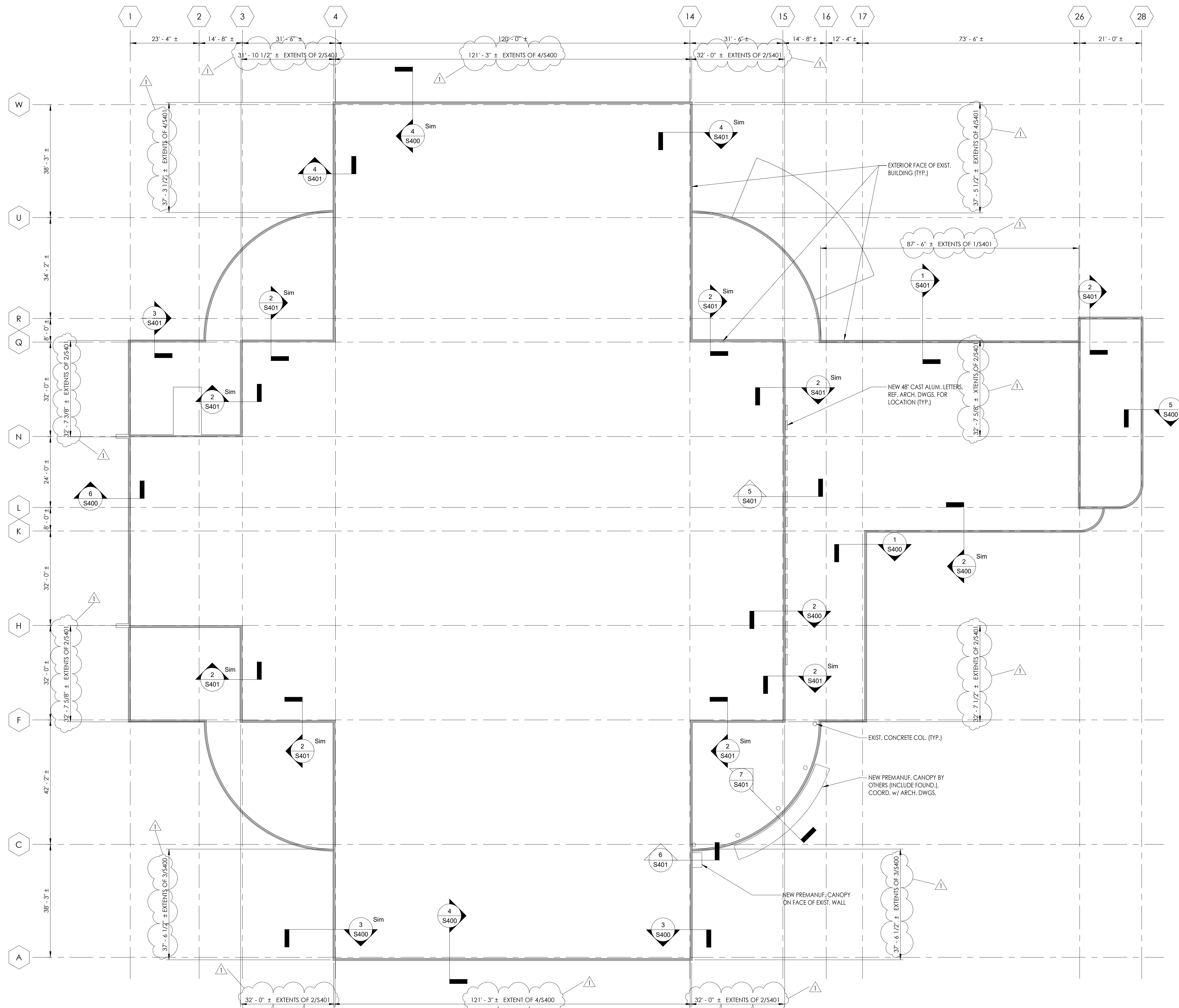
GENERAL NOTES

1. GENERAL CONTRACTOR (GC) SHALL SURVEY JOB SITE PRIOR TO COMMENCING WORK AND SHALL VERIFY ALL DIMENSIONS AND NOTE ALL CONDITIONS WHICH WILL AFFECT OR BE AFFECTED BY WORK ON THIS PROJECT AND SUCH CONDITIONS OR DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT. FAILURE TO DO SO WILL NOT JUSTIFY ANY ADDITIONAL CHARGES.
2. DO NOT SCALE DRAWINGS. IF A DIMENSION IS NEEDED, CONTACT THE ARCHITECT.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH OCCUR WITHIN THE CONTRACT DOCUMENTS PRIOR TO THE ORDERING OF MATERIALS OR EXECUTION OF WORK.
4. CONTRACTOR SHALL WARRANT THEIR WORK FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF ACCEPTANCE.
5. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE CODES, LAWS, RULES AND REGULATIONS OF ALL CONSTITUTED PUBLIC AUTHORITIES HAVING JURISDICTION.
6. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, INSPECTIONS, FEES, ETC.
7. CONTRACTOR SHALL CLEAN ALL SPACES AND SURFACES THOROUGHLY UPON COMPLETION OF THE WORK, INCLUDING REMOVING DUST, DEBRIS, OILS, STAINS, FINGERPRINTS AND LABELS FROM EXPOSED FINISHED SURFACES, INCLUDING GLAZING.
8. PROJECT CLEANUP SHALL INCLUDE A "VACUUM CLEAN" INTERIOR SPACE WITH RESTORATION OF ALL DAMAGED SURFACES AND ITEMS (INTERIOR & EXTERIOR) TO "LIKE NEW" CONDITION.
9. THE TERM "PROVIDE" MEANS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
10. THE TERM "FURNISHED" MEANS THAT THE ITEM SHALL BE SUPPLIED BY OTHERS FOR INSTALLATION BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
11. PROVIDE LABOR, MATERIAL, EQUIPMENT AND SERVICES REQUIRED TO EXECUTE AND COMPLETE ALL ITEMS OF WORK AS SHOWN OR INDICATED ON THE DRAWINGS AND AS SPECIFIED, INCLUDING INCIDENTAL ITEMS TO EFFECT A FINISHED AND COMPLETE JOB, EVEN THOUGH SUCH ITEMS ARE NOT SHOWN OR PARTICULARLY MENTIONED.
12. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
13. STRUCTURAL WORK, INCLUDING MATERIAL STRESSES AND METHODS OF CONSTRUCTION, SHALL BE IN COMPLIANCE WITH THE STANDARD BUILDING CODE, OSHA AND GOVERNING AGENCIES HAVING JURISDICTION. CONTRACTOR TO USE STRUCTURAL DRAWINGS FOR EXACT LOCATION AND SIZE OF STRUCTURAL MEMBERS.
14. AFTER COMPLETION OF WORK ALL ADDITIONAL MATERIALS REMAINING DUE TO CONSTRUCTION SHALL BECOME THE PROPERTY OF THE GENERAL CONTRACTOR AND SHALL BE DISPOSED OF / REMOVED FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, RULES, AND REGULATIONS UNLESS NOTIFIED OTHERWISE. CONTRACTOR SHALL ALSO REMOVE ALL WASTE DEBRIS, RUBBISH, TOOLS, EQUIPMENT AND SURPLUS MATERIALS UPON COMPLETION OF WORK. THROUGHOUT CONSTRUCTION, SITE SHALL BE ORGANIZED AND CLEANED BY CONTRACTOR ON A DAILY BASIS.
15. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO PROTECTING THE EXISTING SIDEWALK AND GROUNDS FROM THE EQUIPMENT NECESSARY TO COMPLETE THE PROJECT.
16. THE ROOF PLANS AND DETAILS ARE REPRESENTATIVE IN NATURE AND ARE PROVIDED TO SHOW THE RELATIONSHIP BETWEEN SPECIFIED MATERIALS. FOR CLARITY, ALL SPECIFIED MATERIALS REQUIRED FOR USE MAY NOT BE SHOWN ON THE CONSTRUCTION DOCUMENTS AND THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION, INSTALLATION, AND APPLICATION OF MATERIALS IS DONE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
17. WEATHER PROTECTION TO BE PROVIDED FOR STORED MATERIALS. INSULATION BUNDLES SHOULD BE COVERED WHEN STORED OVERNIGHT (EVEN IF THEY ARE WRAPPED IN SHIPPING PLASTIC). OTHER MATERIALS, FASTENERS, ADHESIVES, SEALANTS, AND ACCESSORIES SHOULD ALSO BE COVERED TO PROTECT THEM FROM WEATHER. REFER TO MANUFACTURER'S LITERATURE FOR RECOMMENDATIONS ON STORAGE CONDITIONS.
18. WHEN ROOF IS BEING LOADED w/ MATERIALS/WORK EQUIPMENT, ENSURE EQUAL DISTRIBUTION OF WEIGHT IS PROVIDED. CONSOLIDATED MATERIALS STORAGE ON THE ROOF MAY POSE A RISK TO THE STRUCTURE.

ARCHITECTURAL | STRUCTURAL | MECHANICAL | ELECTRICAL



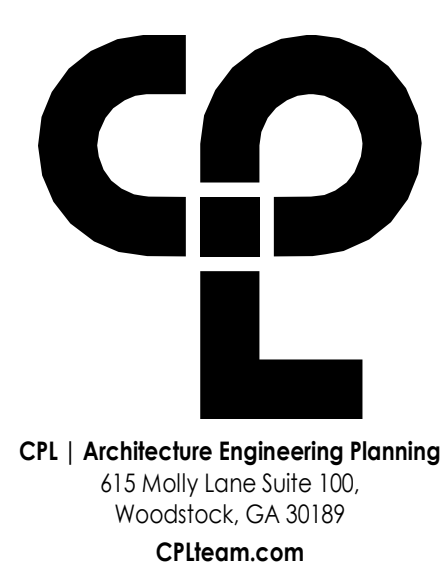
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1 OVERALL BUILDING PLAN - GRID AND SECTION LAYOUT
1/16" = 1'-0"

GENERAL NOTES

1. REFERENCE DRAWING SHEET A110 FOR EXISTING BUILDING ELEVATIONS HIGHLIGHTED TO DEPICT VERTICAL EXTENT OF EXISTING BUILDING STRUCTURAL BRACING AS INDICATED THIS DRAWING SHEET.
2. REFERENCE KEYED DETAILS ON DRAWING SHEETS S400 AND S401 FOR EXTENT OF STRUCTURAL REMEDIATION WORK SCOPES INCLUDED IN PROJECT ANTICIPATED AT THE LOCATIONS OF EXISTING BUILDING STRUCTURAL BRACING AS INDICATED THIS DRAWING SHEET. THIS WORK IS INCLUDED IN THE **BASE BID** OVERALL WORK SCOPE.
3. STRUCTURAL REMEDIATION WORK SCOPE MAY BE REQUIRED AT ADDITIONAL BUILDING AREAS COVERED UNDER OVERALL RENOVATION WORK SCOPE AND WILL BE ADDRESSED ON A CASE-BY-CASE BASIS FOLLOWING IDENTIFICATION DURING THE EXISTING EXTERIOR FACADE DEMOLITION PROCESS.



PROJECT INFORMATION

Project Number: 16686.00
 Client Name: AUGUSTA UNIVERSITY
 Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE
 <BUILDING NAME (if applicable)>
 Project Address: 3109 Wightboro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Rev	Date	Description
1	1/16/24	Revision 1

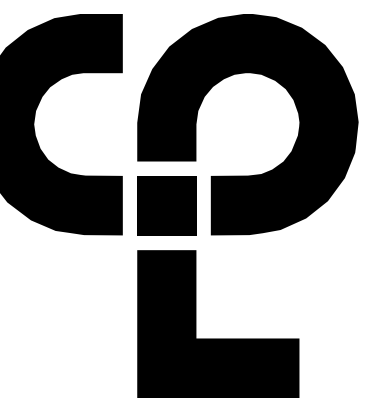
PROFESSIONAL STAMPS



SHEET INFORMATION

Name: Scale: 01/16/2024 As indicated
 Project Status: BID SET
 Drawn By: CPL Checked By: LDW
 Drawing Title: SECTION LAYOUT PLAN

Drawing Number: -



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Project Number
16686.00

Client Name
AUGUSTA UNIVERSITY

Project Name
J-381 AUGUSTA UNIVERSITY -

CHRISTENBERRY FIELD HOUSE

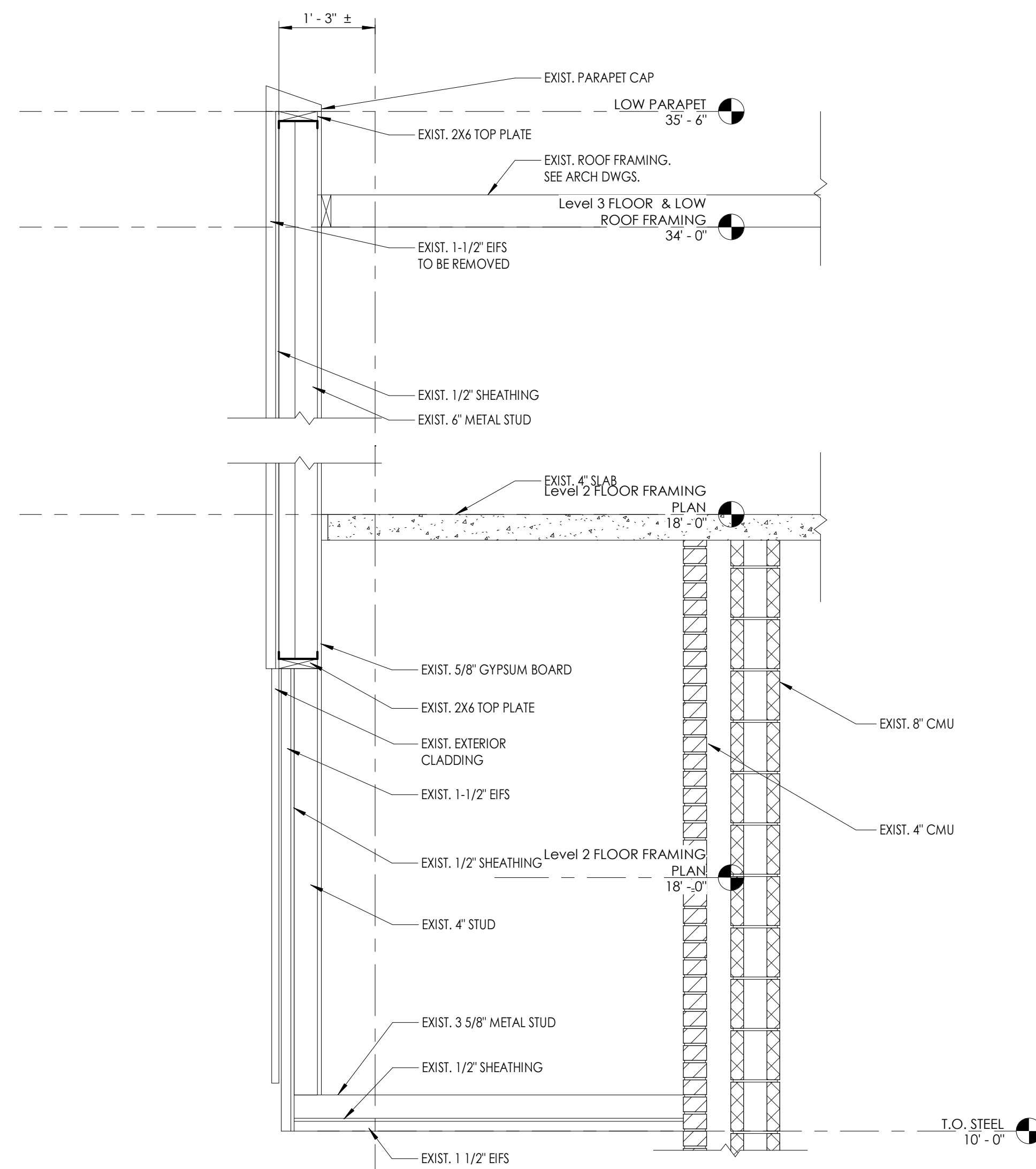
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Project Address
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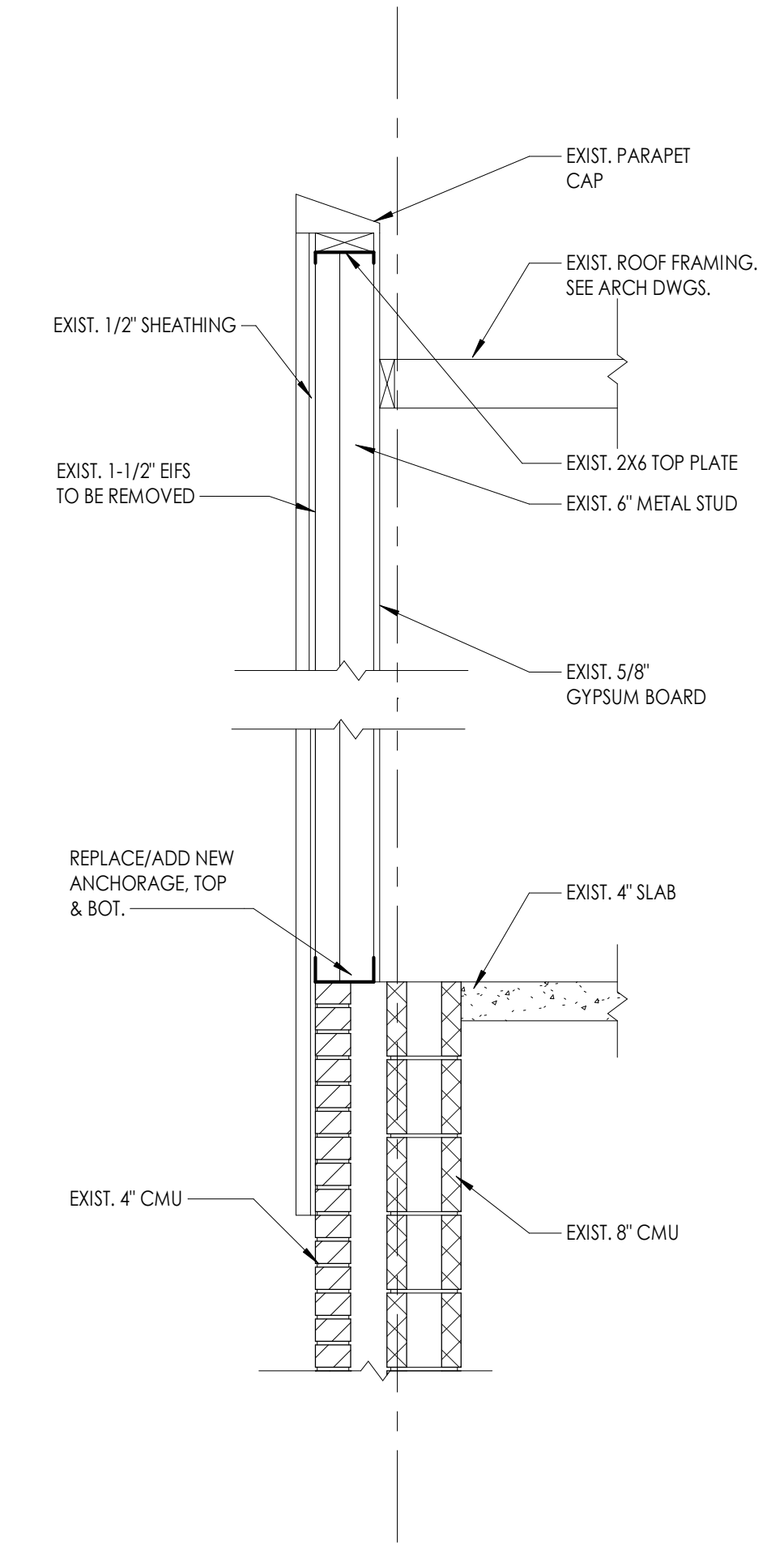
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

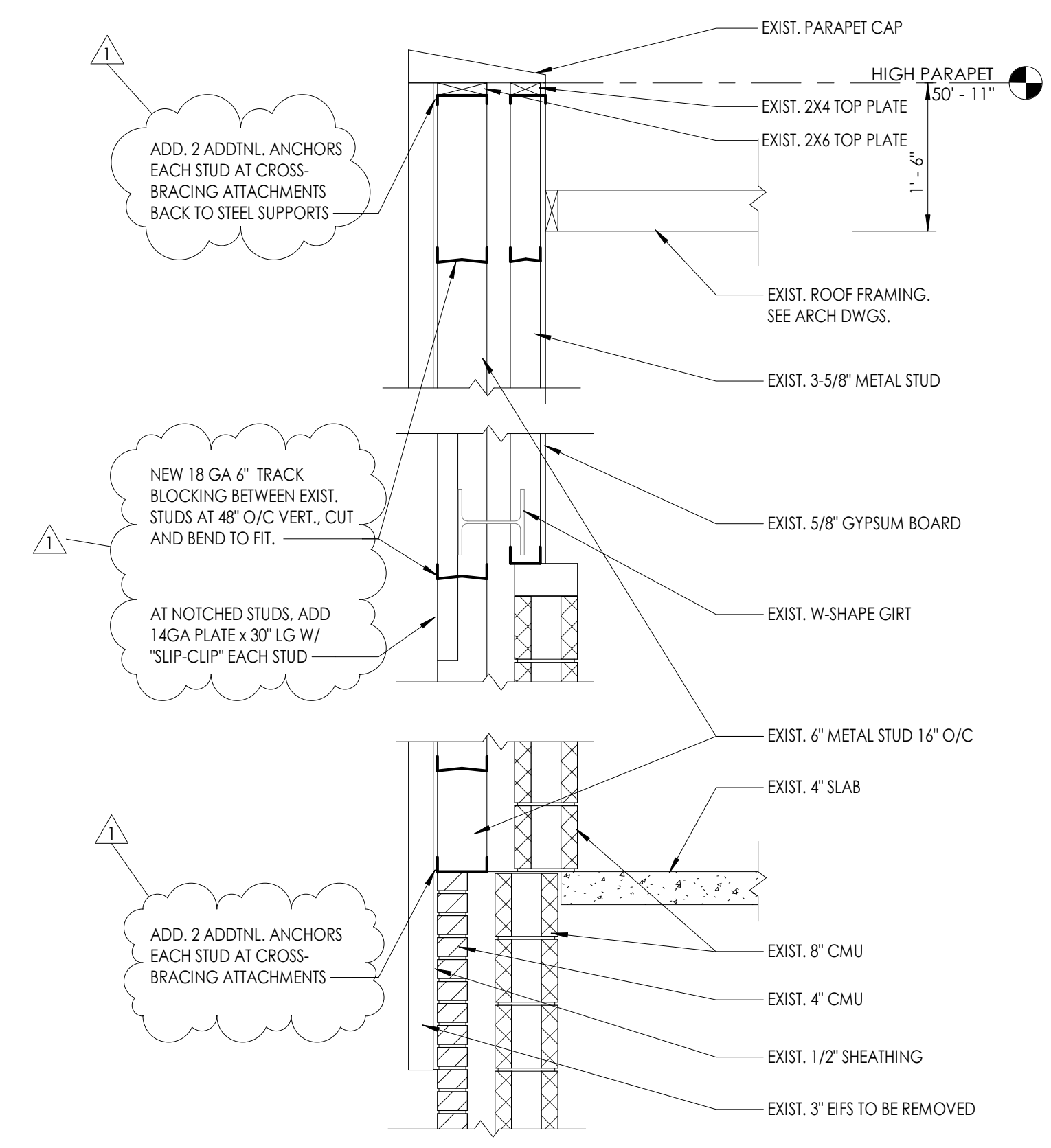
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1 1/16/24 Revision 1



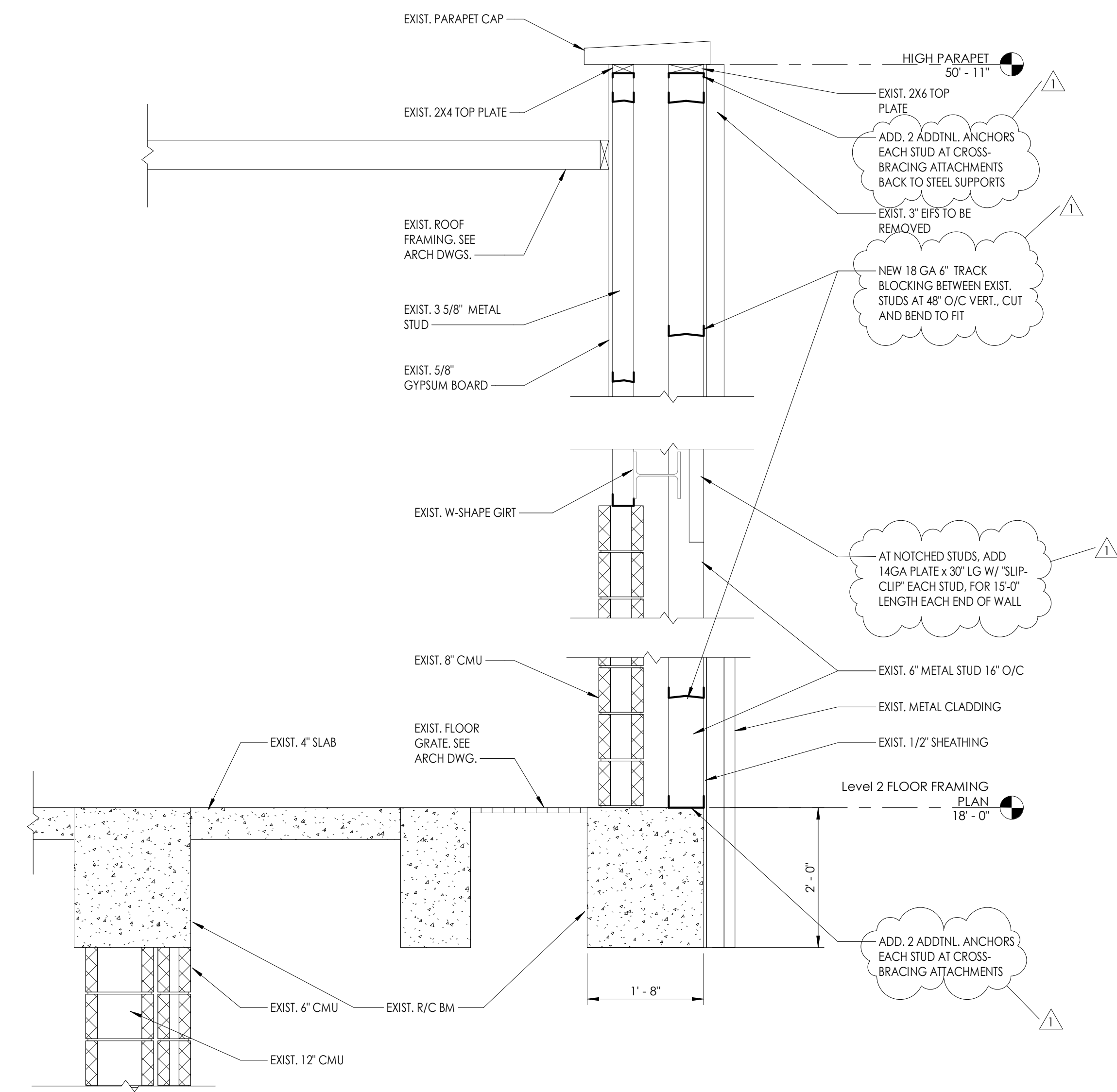
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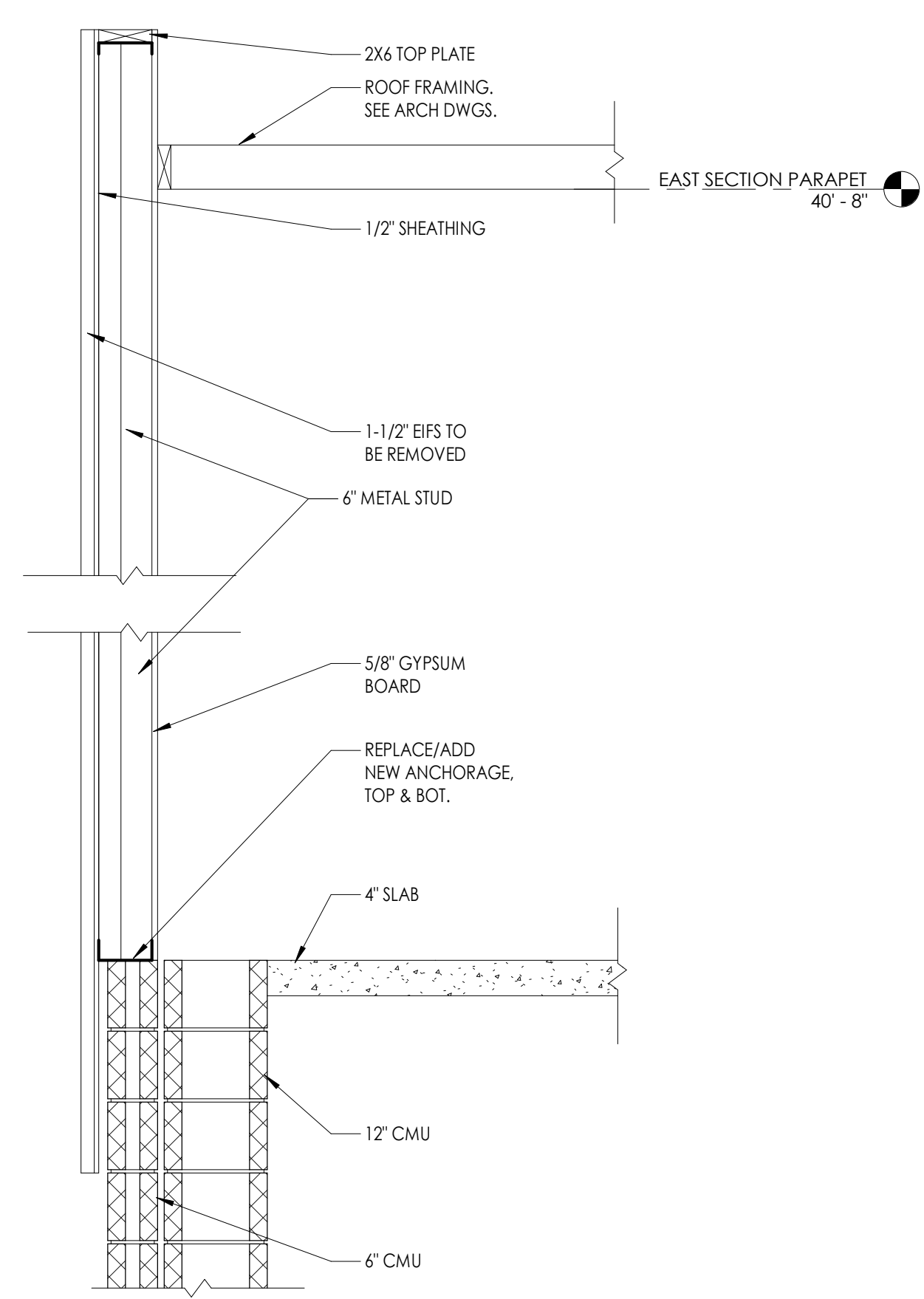
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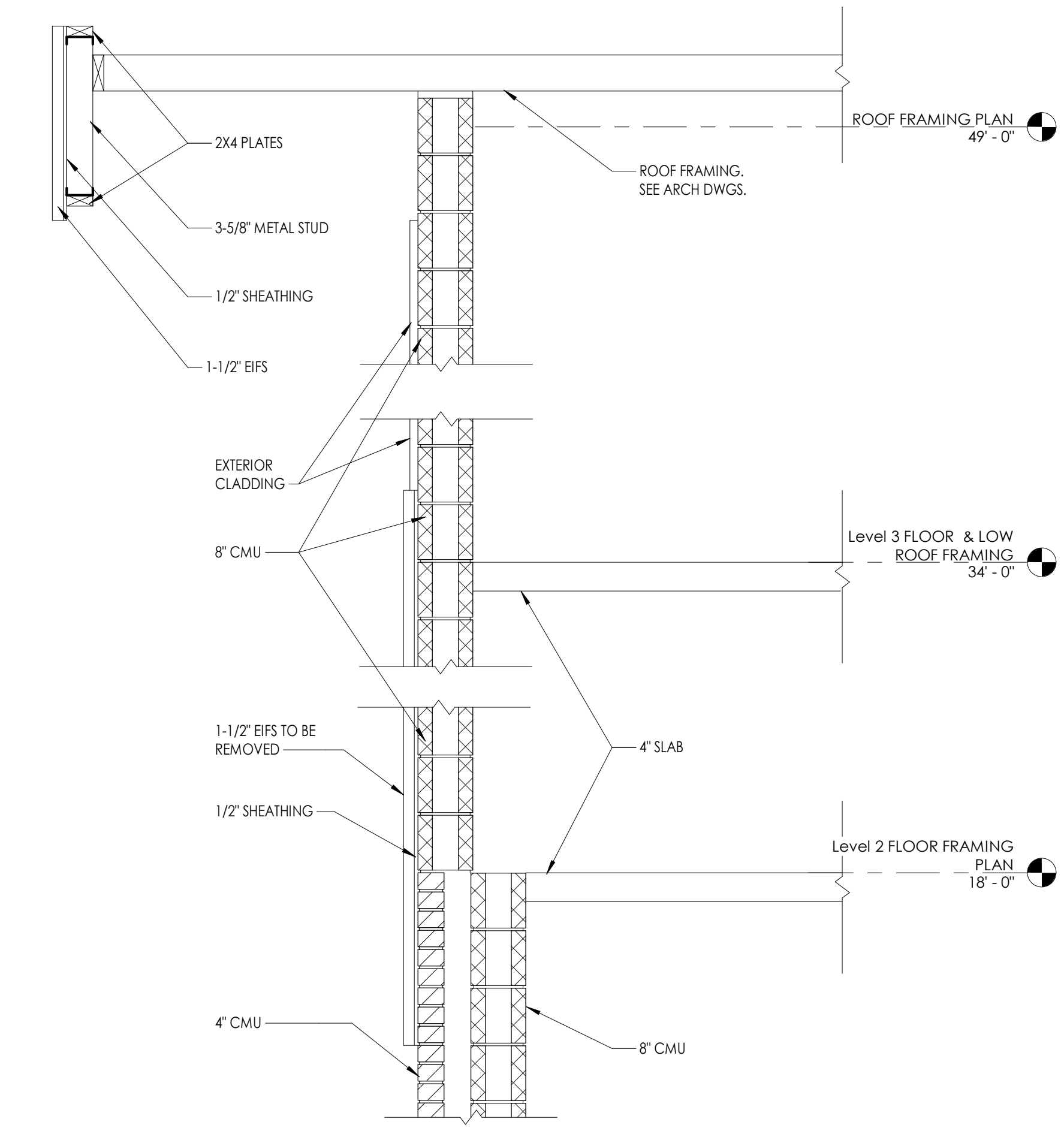
3 SECTION
S400 3/4" = 1'-0"



4 SECTION
S400 3/4" = 1'-0"



5 SECTION
S400 3/4" = 1'-0"



6 SECTION
S400 3/4" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue Date 01/16/2024 Scale 3/4" = 1'-0"
Project Status BID SET
Drawn By CPL Checked By LDW
Drawing Title SECTIONS AND DETAILS

Drawing Number



PROJECT INFORMATION

Project Number
16686.00

Client Name
AUGUSTA UNIVERSITY

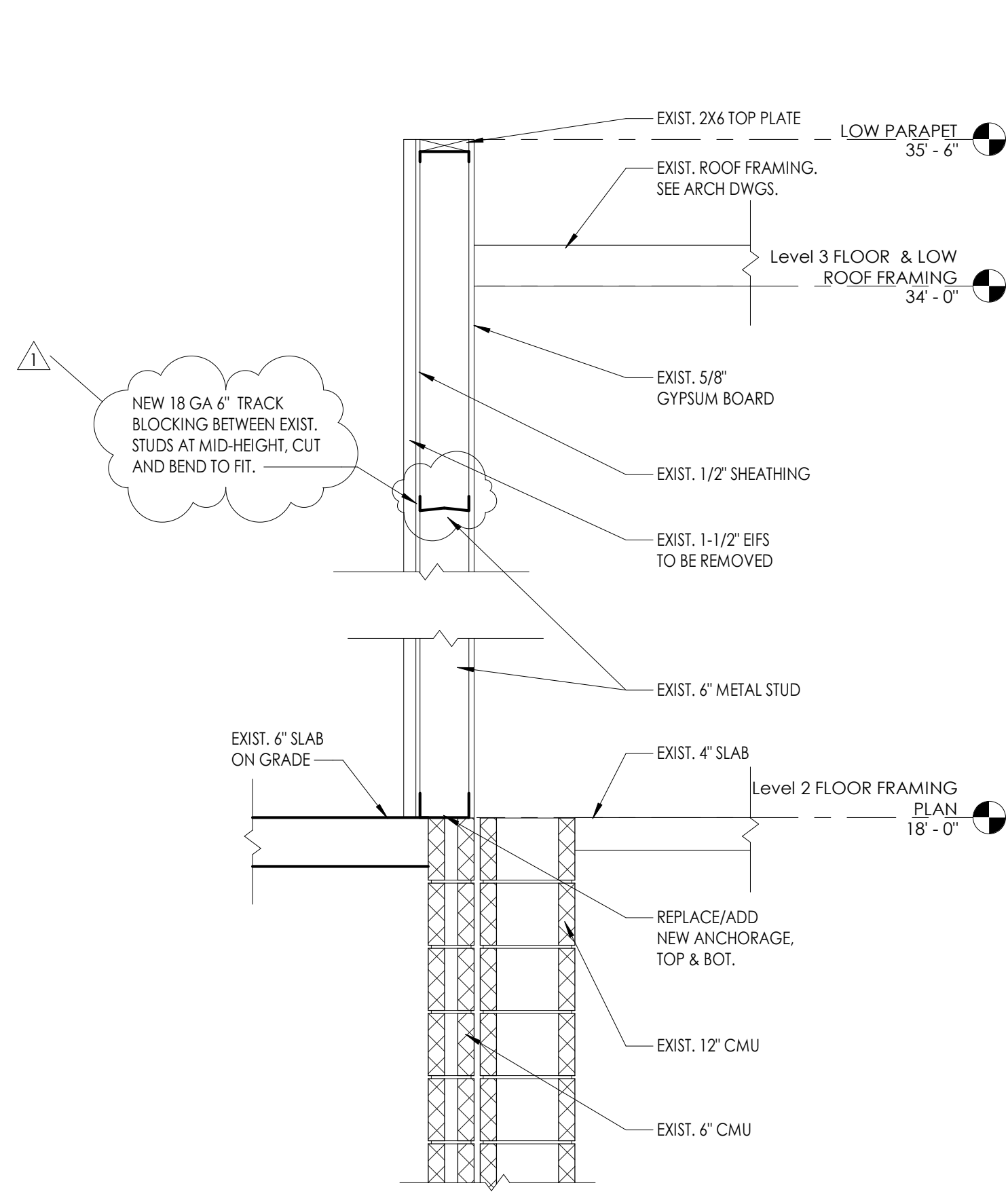
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CHRISTENBERRY FIELD HOUSE

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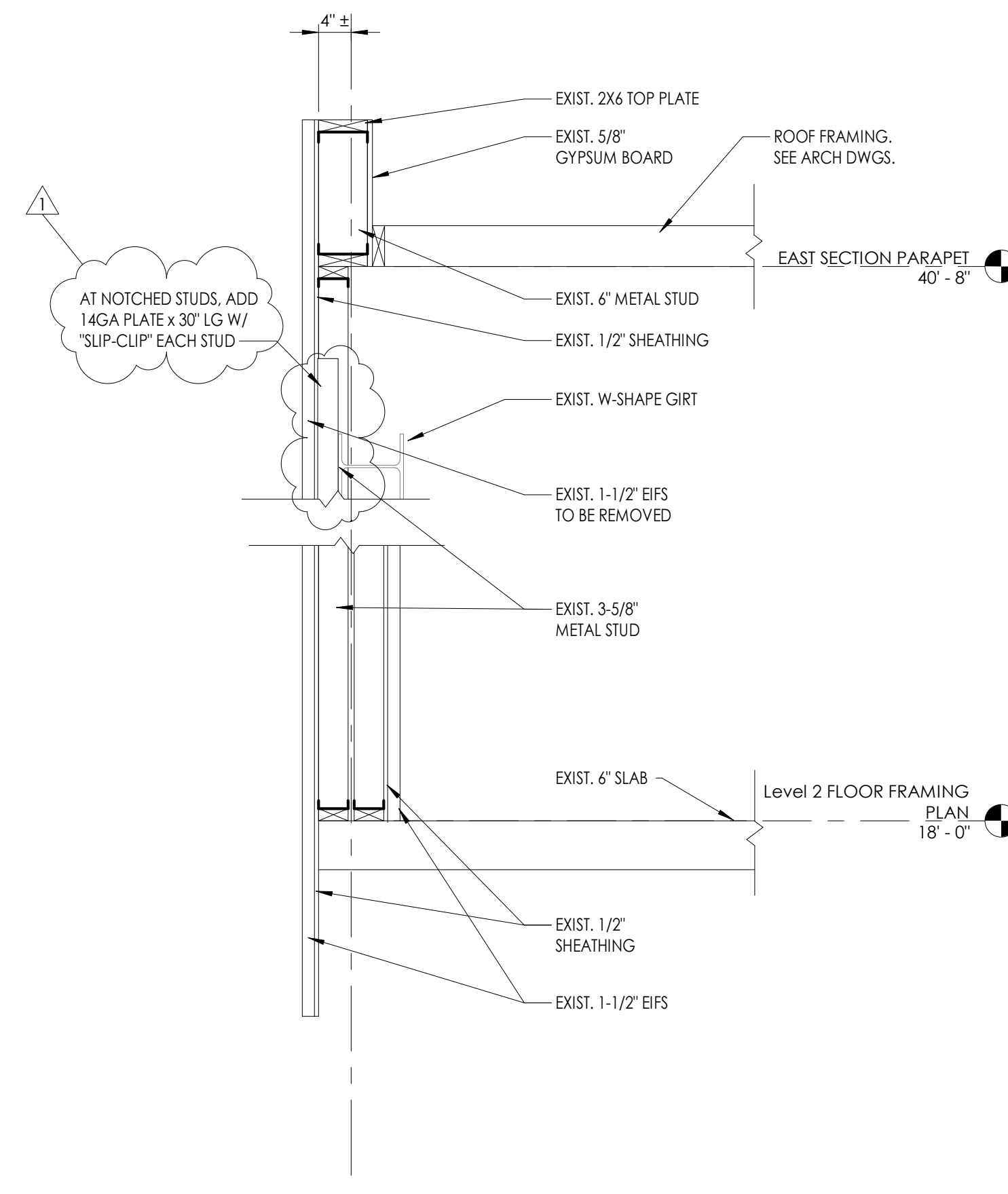
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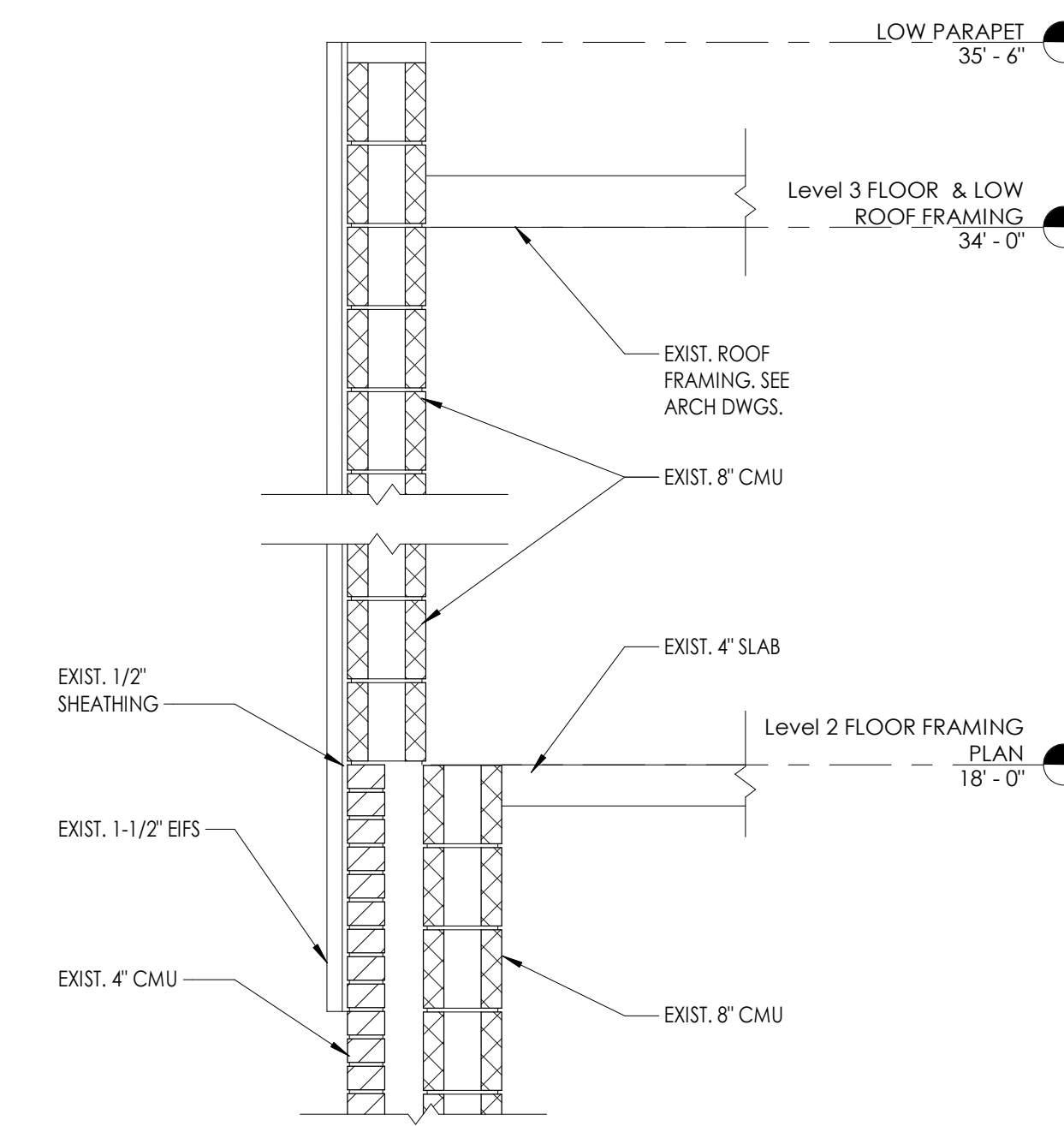
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1 1/16/24 Revision 1



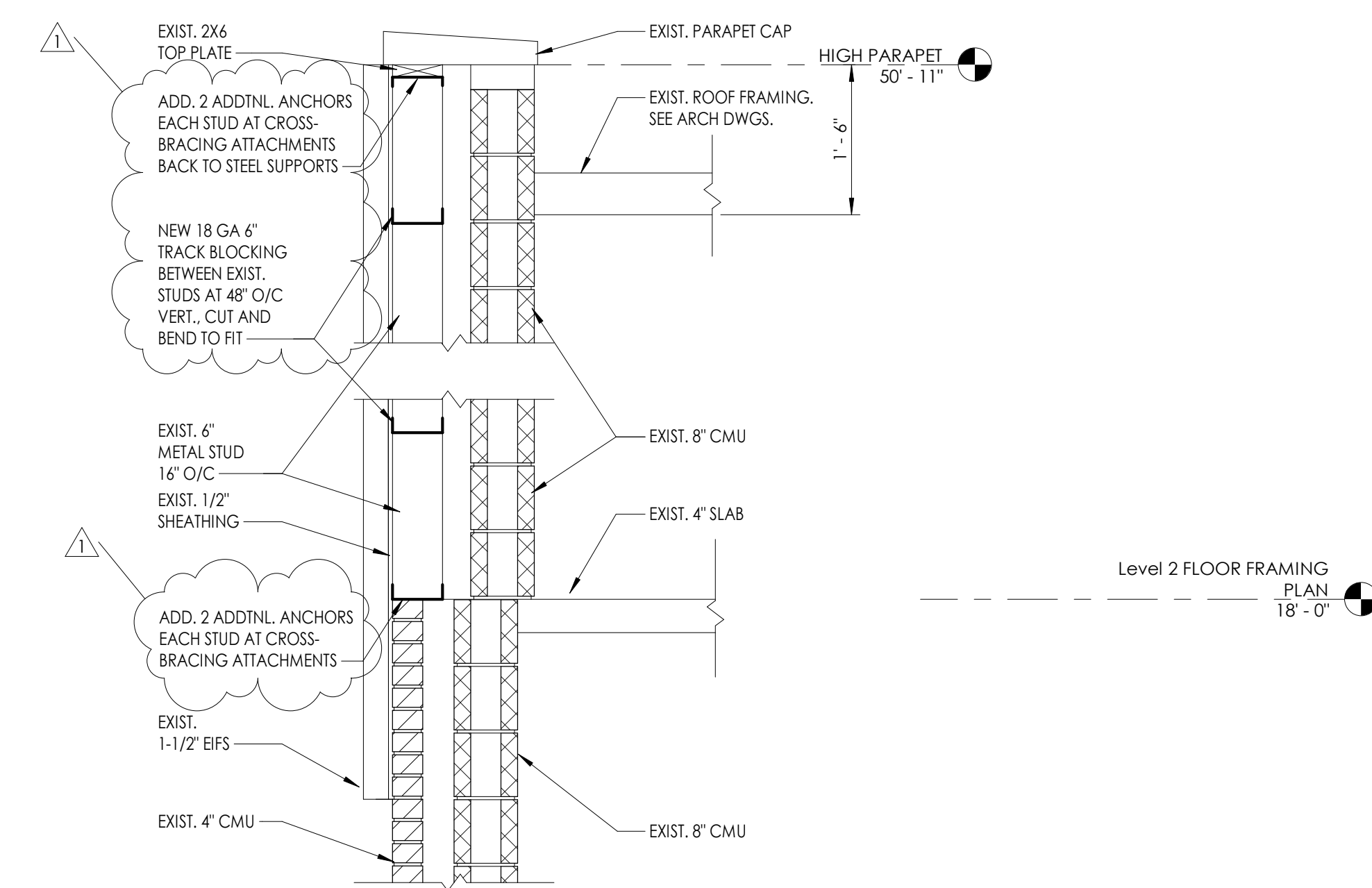
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S401 3/4" = 1'-0"



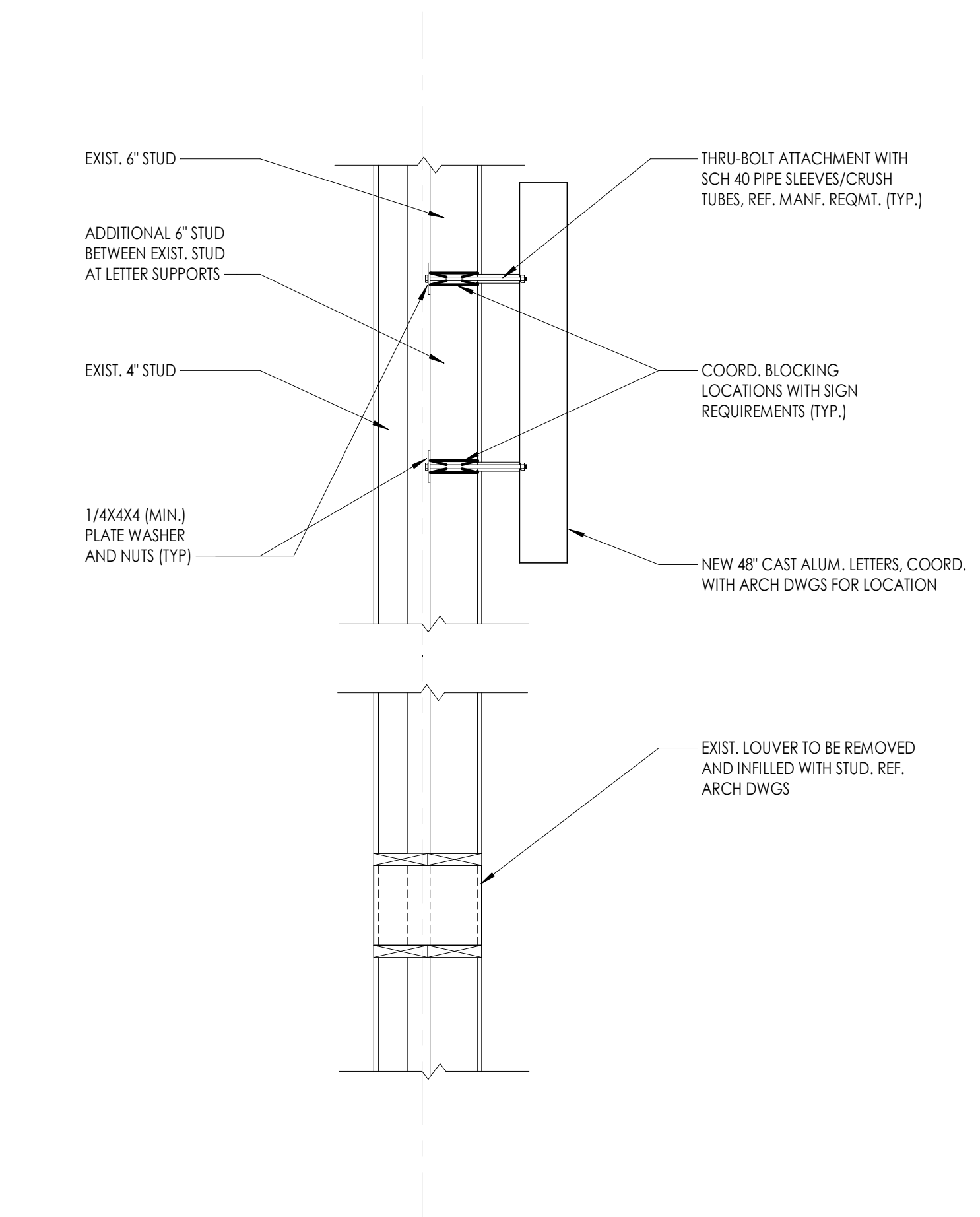
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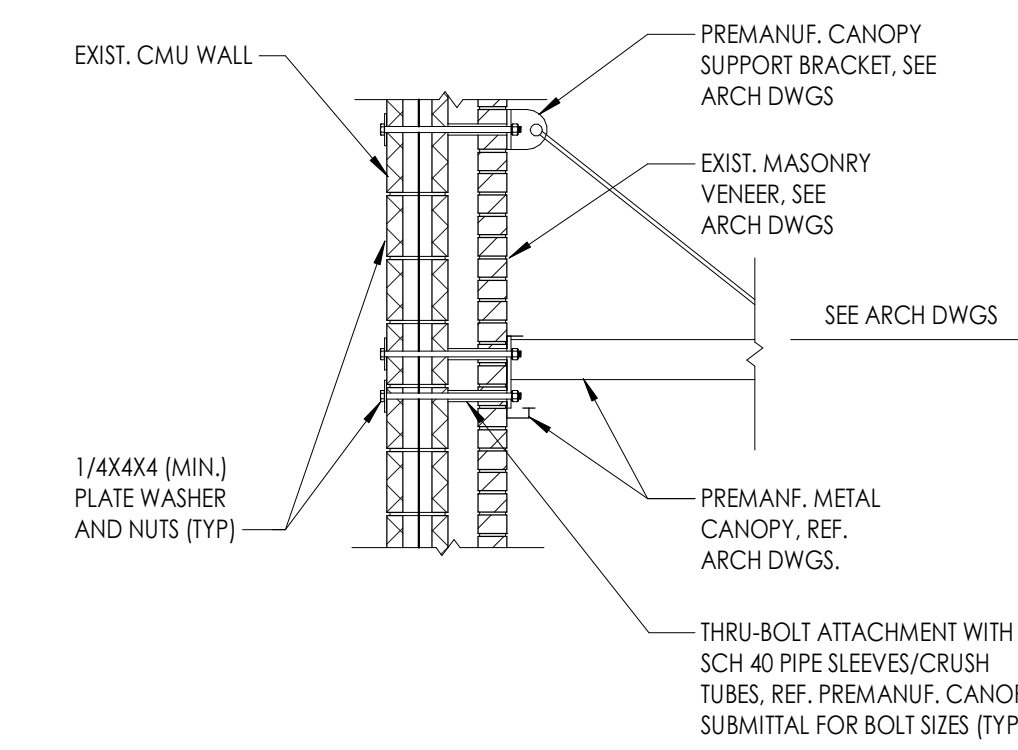
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S401 3/4" = 1'-0"



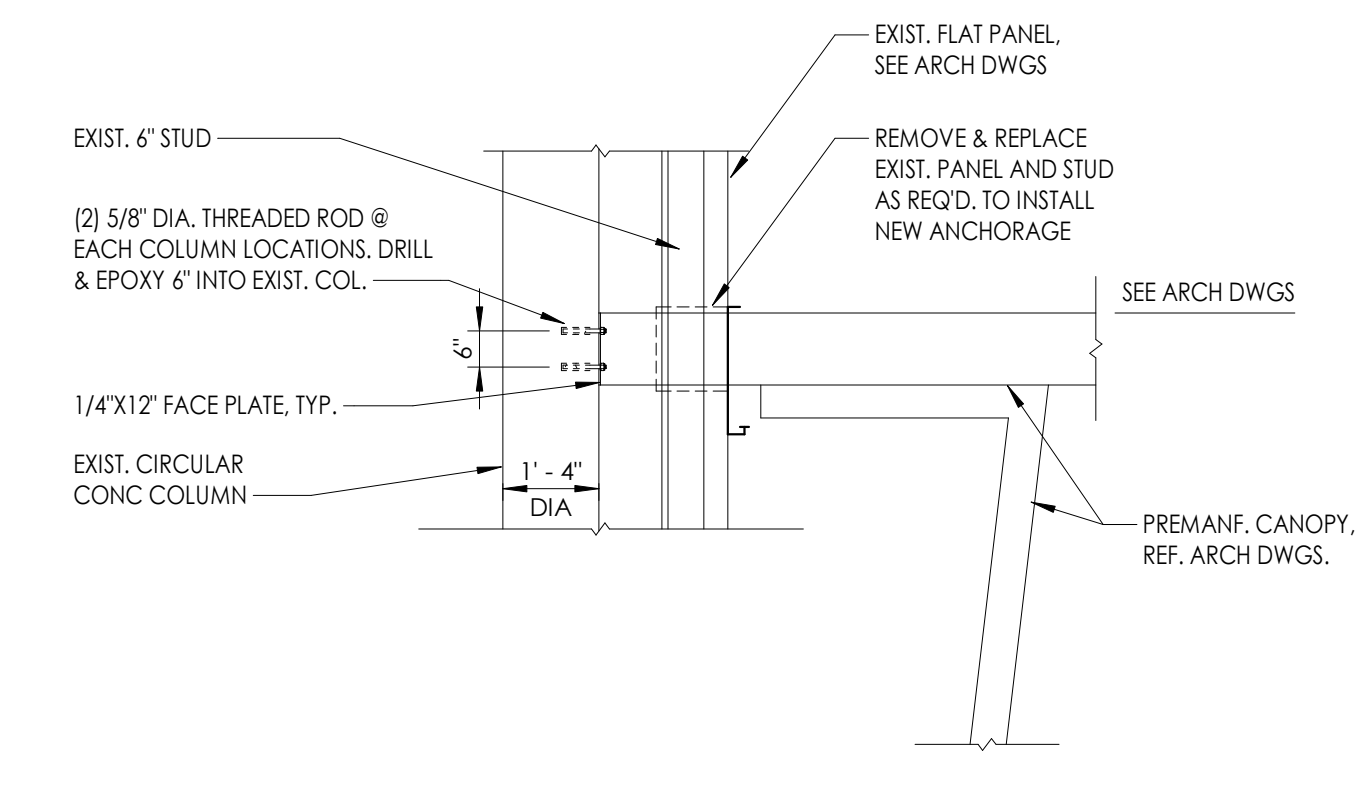
4 SECTION
S401 3/4" = 1'-0"



5 SECTION
S401 3/4" = 1'-0"



6 SECTION
S401 1/2" = 1'-0"



7 SECTION
S401 3/8" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

Name: Scale: As indicated

Project Status: BID SET

Drawn By: CPL Checked By: LDW

Drawing Title: SECTIONS AND DETAILS

Drawing Number: -

GENERAL NOTES

- THE STRUCTURE SHOWN ON THESE DRAWINGS IS SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY ERECTION BRACING AND SHORING.
- WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR PLAN NOTE IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL SIMILAR OR LIKE CONDITIONS UNLESS NOTED OTHERWISE.
- ALL DESIGN, INCLUDING MATERIAL STRESSES AND METHODS OF CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE 2018 INTERNATIONAL BUILDING CODE WITH GEORGIA STATE AMENDMENTS (2020), THE UNIFORM BUILDING CODE, OSHA AND GOVERNING AGENCIES HAVING JURISDICTION.
- REFER TO THE "SPECIAL INSPECTIONS" SECTION OF THE SPECIFICATIONS FOR PROJECT REQUIREMENTS AND PERTINENT INFORMATION.
- THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS SHOWN ON THE DRAWINGS AND IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO ORDERING OR FABRICATING MATERIALS OR OTHERWISE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ORDER TO COMPLY WITH THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES REQUIRED TO EXECUTE AND COMPLETE ALL ITEMS OF WORK AS SHOWN OR INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN, INCLUDING INCIDENTAL ITEMS TO EFFECT A FINISHED AND COMPLETE JOB, EVEN THOUGH SUCH ITEMS ARE NOT SHOWN OR PARTICULARLY MENTIONED.
- THE ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, PRECAST CONCRETE, HANDRAILS, CURTAIN WALL/WINDOW SYSTEMS, COLD-FORMED METAL FRAMING, OR OTHER SYSTEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS. SUCH SYSTEMS SHALL BE DESIGNED, FURNISHED, AND INSTALLED AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
- THE GENERAL CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ADEQUATELY SHORING AND BRACING EXISTING CONSTRUCTION WHILE PERFORMING NEW WORK.
- DIMENSIONS ARE NOT TO BE DERIVED BY SCALING THESE DRAWINGS. IF THERE ARE ANY QUESTIONS REGARDING DIMENSIONS, CONTACT THE ARCHITECT/ENGINEER FOR INFORMATION PRIOR TO SUBMITTING SHOP DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE ALL STRUCTURAL WORK WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, AND WITH THE WORK OF ALL OTHER TRADES.
- THE CONTRACTOR SHALL COORDINATE ALL SIZES AND LOCATIONS OF ROOF AND WALL PENETRATIONS WITH MECHANICAL, PLUMBING AND ARCHITECTURAL DRAWINGS. ALL PENETRATIONS NOT SHOWN ON STRUCTURAL DRAWINGS MUST BE APPROVED BY THE DESIGN PROFESSIONAL, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION ALL SITE APURTENANCES DAMAGED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
- INFORMATION IN THESE STRUCTURAL NOTES IS A SELECTED SUMMARY OF REQUIREMENTS. REFER TO SPECIFICATIONS FOR AMPLIFICATIONS OF REQUIREMENTS.
- WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, MEMBERS ARE EITHER LOCATED ON COLUMN LINES OR ARE EQUALLY SPACED BETWEEN LOCATED MEMBERS.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY.

EXISTING CONSTRUCTION NOTES

- BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.
- THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC., NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW WORK TO THE EXISTING WORK.
- WORK SHOWN ON THE DRAWINGS IS NEW, UNLESS NOTED AS EXISTING.
- EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM DRAWINGS PREPARED BY THE FIRM OF TPS ARCHITECTS AND PLANNERS, DATED JULY 1967 AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION MAY NOT NECESSARILY BE COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
- IF ANY ARCHITECTURAL, STRUCTURAL, OR MECHANICAL MEMBERS OR COMPONENTS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL MUST BE OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
- THE CONTRACTOR SHALL SAFELY SHORE EXISTING CONSTRUCTION TO ALLOW THE INSTALLATION OF NEW WORK. ALL SHORING METHODS AND SEQUENCING OF DEMOLITION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HIS ENGINEER.
- THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR SHORING, BRACING AND PROTECTION OF THE EXISTING CONSTRUCTION. THE PLAN SHALL INCLUDE CONSTRUCTION SEQUENCES, BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA, AND BE SUBMITTED TO THE ENGINEER FOR RECORD FOR REVIEW PRIOR TO THE BEGINNING OF WORK.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
- THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE DESIGN PROFESSIONAL.
- THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO THE ADJACENT BUILDINGS AND PROPERTY. THIS SHALL INCLUDE ALL FOUNDATION INSTALLATION.

DESIGN CRITERIA NOTES

- GENERAL BUILDING CODE** - THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE.
- BUILDING RISK CATEGORY** - THE BUILDING HAS BEEN ASSIGNED A RISK CATEGORY IN ACCORDANCE WITH PREVIOUSLY MENTIONED CODE WITH THE FOLLOWING CRITERIA:
 - RISK CATEGORY: III; SUBSTANTIAL HAZARD TO HUMAN LIFE IN THE EVENT OF FAILURE.
- DEAD AND LIVE LOADS**
 - THE DEAD LOADS ARE THE SELF-WEIGHT OF MATERIALS OF CONSTRUCTION INCORPORATED INTO AND ON THE BUILDING.
 - THE UNIFORMLY DISTRIBUTED AND/OR CONCENTRATED LIVE LOADS USED IN THE DESIGN OF THE BUILDING ARE BASED ON THE FOLLOWING INTENDED USE OR OCCUPANCIES:
 - CORRIDORS: 100 POUNDS PER SQUARE FOOT (PSF)
 - CORRIDORS ABOVE FIRST FLOOR: 80 PSF
 - STAIRS AND EXITS: 100 PSF / 300 LB ON TREADS, 4 SQUARE INCH AREA
 - LOBBIES: 100 PSF
 - STORAGE LIGHT: 125 PSF
 - OFFICE: 50 PSF
 - CLASSROOMS: 40 PSF
 - ROOFS: 20 PSF / 300 LB ON MAINTENANCE SURFACE
 - PARTITION LOADS: 15 PSF, WHERE APPLICABLE
 - GYMNASIUMS: 100 PSF
 - WALKWAYS: 60 PSF
- ROOF SNOW LOAD DATA** - SNOW LOADS ARE BASED ON CHAPTER 7 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:
 - GROUND SNOW LOAD (Pg): 5 PSF
 - FLAT-ROOF SNOW LOAD (P_f): 4.6 PSF
 - SNOW EXPOSURE FACTOR (Ce): 1.0
 - SNOW LOAD IMPORTANCE FACTOR (I_s): 1.1
 - THERMAL FACTOR (C_t): 1.2
 - SLOPE FACTORS (C_s): 1.0
 - DRIFT SURCHARGE LOADS (Pg_d): N/A
 - WIDTH OF SNOW DRIFTS (w): N/A
- WIND DESIGN DATA** - WIND PRESSURES ARE BASED ON CHAPTER 26 OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7 AND THE FOLLOWING CRITERIA:
 - BASIC DESIGN WIND SPEED (V): 121 MPH
 - ALLOWABLE STRESS DESIGN WIND SPEED (V_{ASD}): 99 MPH
 - RISK CATEGORY: III
 - WIND EXPOSURE: B
 - INTERNAL PRESSURE COEFFICIENT (GC_{PI}): + 0.18/- 0.18
 - COMPONENTS AND CLADDING: SEE DIAGRAM
- EARTHQUAKE DESIGN DATA** - THE STRUCTURE AND COMPONENTS OF THE BUILDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PREVIOUSLY MENTIONED CODE WITH THE FOLLOWING CRITERIA:
 - RISK CATEGORY: III
 - SEISMIC IMPORTANCE FACTOR (I_e): 1.25
 - 0.2 SEC MAPPED SPECTRAL RESPONSE (S_s): 0.262
 - 1 SEC MAPPED SPECTRAL RESPONSE (S₁): 0.096
 - SITE CLASS: D
 - 0.2 SEC SPECTRAL RESPONSE COEF. (S_{ds}): 0.278
 - 1 SEC SPECTRAL RESPONSE COEF. (S_{d1}): 0.154
 - SEISMIC DESIGN CATEGORY: C
 - BASIC SEISMIC FORCE-RESISTING SYSTEMS: STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
 - DESIGN BASE SHEARS (S_v): 99
 - SEISMIC MODIFICATION COEF. (C_s): 0.0153
 - RESPONSE MODIFICATION COEF. (R): 3.0
 - ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE (ELFP)
- GEOTECHNICAL INFORMATION** - THE STRUCTURE HAS BEEN DESIGNED BASED ON INFORMATION PROVIDED AND ASSUMED:
 - ALLOWABLE BEARING: 1500 PSF
 - SUBGRADE MODULUS: 250 PCI
- FLOOD DESIGN DATA** - THE BUILDING IS NOT LOCATED IN WHOLE OR IN PART WITHIN A FLOOD HAZARD AREA AS ESTABLISHED PER THE PREVIOUSLY MENTIONED CODE.
- ROOF RAIN LOAD DATA** - THE DESIGN RAINFALL BASED ON THE 100-YEAR HOURLY RAINFALL RATE OR DETERMINED BY LOCAL WEATHER USED IN THE DESIGN OF THE BUILDING IS BASED ON THE FOLLOWING:
 - RAIN INTENSITY (I): 4.0 IN/HR
- SEISMIC DEMANDS ON NON-STRUCTURAL COMPONENTS** AND CONNECTIONS OF THOSE COMPONENTS TO THE PRIMARY STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE PREVIOUSLY MENTIONED CODE. THE GENERAL SEISMIC CRITERIA LISTED ABOVE, AND THE REQUIREMENTS OF ASCE 7, CHAPTER 13 AS APPROPRIATE.
- HANDRAILS AND GUARDS** - THE HANDRAIL ASSEMBLIES AND GUARDS SHALL BE DESIGNED FOR 30 PLF OR A CONCENTRATED LOAD OF 300 LBS AT ANY POINT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE. THESE LOADS NEED NOT BE ASSUMED TO ACT CONCURRENTLY.
- INTERIOR WALLS AND PARTITIONS** - INTERIOR WALLS AND PARTITIONS THAT EXCEED 4 FEET IN HEIGHT SHALL HAVE ADEQUATE STRENGTH TO RESIST LOADS THEY ARE SUBJECT TO, BUT NOT LESS THAN A HORIZONTAL UNIFORM LOAD OF 5 PSF.
- FUTURE EXPANSION** - NO PROVISIONS HAVE BEEN MADE IN THE STRUCTURAL DESIGN FOR FUTURE HORIZONTAL OR VERTICAL BUILDING EXPANSION.
- RESTRAINED CONSTRUCTION CLASSIFICATION** - IN ACCORDANCE WITH ASTM E 119, ALL FLOOR CONSTRUCTION IS CLASSIFIED AS RESTRAINED CONSTRUCTION.
- ROOF TOP EQUIPMENT ANCHORAGE** - ALL ROOF TOP EQUIPMENT CURBS, MECHANICAL EQUIPMENT, THE DOWNS, AND CONNECTIONS OF ALL EQUIPMENT TO BUILDING STRUCTURE FOR WIND AND SEISMIC LOADING ARE TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER RETAINED BY THE EQUIPMENT SUPPLIER.

COLD-FORMED METAL FRAMING NOTES

- ALL COLD FORMED STEEL FRAMING MEMBERS, THEIR DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI), AND THE NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS.
- STUD AND TRACK PROFILES SHALL BE STANDARD SECTIONS USED BY MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
- COLD-FORMED METAL FRAMING MEMBERS SHALL CONFORM TO ASTM C 955 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL (18 GAUGE) AND THINNER MEMBERS, AND 50 KSI FOR ALL OTHERS.
- ALL COLD-FORMED METAL FRAMING MEMBERS SHALL BE FORMED OF CORROSION-RESISTANT STEEL G-60 (G-90 AT EXTERIOR APPLICATIONS) CONFORMING TO ASTM A 653 AND ASTM C 955.
- MEMBERS SHALL BE MANUFACTURER'S STANDARD 'C' SHAPED STUDS/JOISTS OF THE SIZE, FLANGE WIDTH AND GAUGE INDICATED. ALL MEMBERS SHALL HAVE A MINIMUM FLANGE LIP RETURN OF 1/2" AND SATISFY THE MINIMUM PROPERTIES AS PER THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
- THE GAUGE OF ALL TRACKS SHALL BE NO LIGHTER THAN THE FRAMING BEING CONNECTED. CONNECT TRACKS TO CONCRETE WITH 0.145" DIA. POWER DRIVEN FASTENERS [WITH 1.25" EMBEDMENT] AT 16" ON CENTER.
- ALL WELDING SHALL BE IN CONFORMANCE WITH AMERICAN WELDING SOCIETY SPECIFICATION D1.3. ALL WELDS SHALL BE TOUCHED UP WITH ZINC RICH PAINT.
- ALL STRUCTURAL MEMBERS SHALL BE PROPERLY CONNECTED TO EACH OTHER AND TO THE SUPPORTING BACK-UP FRAMING. FASTENINGS SHALL BE MADE WITH SELF-TAPPING SCREWS OR WELDS OF SUFFICIENT SIZE TO INSURE THE CONNECTION STRENGTH.
- NOTE: FOR UL ASSEMBLY CW-S-1019, SLIDE CLIPS CONNECTING EXTERIOR STUDS TO SUPPORTED FLOORS ARE TO BE WELDED TO THE FOUR STOP AS SHOWN IN THE SECTIONS. POWER DRIVEN FASTENERS MAY BE USED FOR THE INITIAL CLIP PLACEMENT ONLY.
- PROVIDE BRIDGING FOR STUDS, JOISTS AND RAFTERS AT MID SPAN AND AT A MAXIMUM SPACING NOT TO EXCEED 4'-0". ALL BRIDGING SHALL BE INSTALLED PRIOR TO THE ADDITION OF ANY LOADING. CONNECT BRIDGING TO EACH MEMBER BY WELDING, CLIP ANGLES OR OTHER APPROVED METHOD PER THE MANUFACTURER'S REQUIREMENTS.
- PROVIDE WEB STIFFENERS AT JOIST AND RAFTER BEARINGS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- ALL AXIALLY LOADED STUDS SHALL HAVE FULL BEARING AGAINST THE INSIDE TRACK WEB. PRIOR TO STUD AND TRACK ALIGNMENT, SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED.
- PROVIDE THE MANUFACTURER'S STANDARD TRACK, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS AND ACCESSORIES AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED AND AS NEEDED TO PROVIDE A COMPLETE FRAMING SYSTEM. UNLESS OTHERWISE NOTED, INSTALL THE METAL FRAMING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
- THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
 - MANUFACTURER'S PRODUCT DATA AND LATEST TECHNICAL DATA.
 - DETAIL DRAWINGS SHOWING THE NUMBER, TYPE, LOCATION AND SPACING OF ALL MEMBERS. ALL CONNECTIONS AND ATTACHMENTS SHALL BE CLEARLY SHOWN.
 - THE PROPERTIES OF ALL FRAMING MEMBERS THAT ARE USED IN LOAD BEARING APPLICATIONS, DEMONSTRATING CONFORMANCE WITH THE MINIMUM ACCEPTABLE PROPERTIES NOTED HEREIN.
 - STRUCTURAL CALCULATIONS FOR ALL CONNECTIONS & MEMBERS BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF GEORGIA.
- UNLESS OTHERWISE NOTED, PROVIDE DOUBLE JACK STUDS AT ALL BEAM/HEADER BEARINGS.
- COLD-FORMED METAL FRAMING MEMBERS, HEADERS AND CONNECTIONS SHOWN ON STRUCTURAL AND ARCHITECTURAL DRAWINGS ARE SCHEMATIC ONLY AND SHALL BE DESIGNED TO MEET PROJECT AND SPECIFICATION REQUIREMENTS. ANY MEMBER SIZES OR SPACINGS SHOWN SHALL BE CONSIDERED AS MINIMUMS.
- DO NOT SCREW OR WELD STUDS TO VERTICAL DEFLECTION TRACKS. DO NOT CONNECT SHEATHING TO VERTICAL DEFLECTION TRACKS AND PROVIDE GAP IN SHEATHING TO ACCOMMODATE VERTICAL DEFLECTION.
- COLD-FORMED METAL FRAMING MEMBERS SHOWN ON STRUCTURAL AND ARCHITECTURAL DRAWINGS ARE SCHEMATIC ONLY AND SHALL BE DESIGNED TO MEET PROJECT AND SPECIFICATION REQUIREMENTS. ANY MEMBER SIZES OR SPACINGS SHOWN SHALL BE CONSIDERED AS MINIMUMS.

STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." HOT ROLLED STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A36 OR ASTM A992. HOLLOW STRUCTURAL SHAPES (HSS) SHALL CONFORM TO ASTM A500 GRADE B. ANGLES, CHANNELS, AND OTHER MISCELLANEOUS METALS SHALL CONFORM TO ASTM A36.
- STEEL CONNECTIONS ARE SHOWN SCHEMATICALLY. FABRICATOR IS RESPONSIBLE FOR DESIGN AND DETAILING OF CONNECTIONS, INCLUDING MATERIAL GRADE AND SIZES, WELD SIZES, AND NUMBER OF BOLTS. ADDITIONAL CONNECTION ELEMENTS MAY NOT BE SPECIFICALLY SHOWN ON THE SCHEMATIC DETAILS BUT MAY BE REQUIRED BY THE FINAL CONNECTION DESIGN, SUCH AS STIFFENER PLATES, DOUBLER PLATES, SUPPLEMENT / REINFORCING PLATES OR OTHER CONNECTION MATERIAL.
- REACTIONS AND LOADS PROVIDED ON DRAWINGS ARE UNFACTORED.
- EACH BEAM CONNECTION SHALL BE DESIGNED FOR ONE HALF OF THE TOTAL LOAD SHOWN IN THE AISC TABLES FOR THE RESPECTIVE SPAN UNLESS OTHERWISE NOTED. COMPOSITE BEAM CONNECTIONS SHALL BE DESIGNED FOR THREE-FOURTHS OF THE TOTAL LOAD, WHERE POSSIBLE. EACH BEAM CONNECTION SHALL BE OF THE TWO SIZED ANGLE TYPE AS PER AISC SPECIFICATION, UNLESS OTHERWISE NOTED ON THE DRAWINGS. MINIMUM CONNECTION SHALL BE TWO (2) BOLTS. ALL BEAM AND GIRDER CONNECTIONS SHALL BE WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325 BOLTS, 3/4" DIAMETER.
- ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE EITHER WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325 BOLTS.
- REFER TO SPECIFICATIONS FOR DESIGN OF WIND MOMENT CONNECTIONS.
- UNLESS SPECIFICALLY DETAILED OTHERWISE, SPLICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF THE SPLICE.
- CUTS, HOLES, COPIES, ETC., REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON SHOP DRAWINGS AND MADE IN THE SHOP. FIELD CUTTING OR BURNING WILL NOT BE PERMITTED.
- ALL WELDING BOTH SHOP AND FIELD, SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS. WELDING ELECTRODES SHALL CONFORM TO ASTM A325, E70XX. MINIMUM WELD SIZE SHALL BE 1/4 INCHES (PILLET) UNLESS OTHERWISE NOTED. WELDED CONNECTIONS SHALL BE DESIGNED TO BE STRESSED TO LESS THAN 50% OF THEIR ALLOWABLE CAPACITIES.
- STRUCTURAL STEEL SHALL RECEIVE A SHOP COAT OF RUST INHIBITING PAINT EXCEPT AS FOLLOWS:
 - CONTACT MILLED BEARING SURFACES
 - WITHIN TWO INCHES OF FIELD WELDS.
- AFTER ERECTION, ALL DAMAGED AREAS IN THE SHOP COAT SHALL BE REPAIRED WITH THE SAME PAINT USED FOR THE SHOP COAT.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.
- DO NOT CAMBER BEAMS UNLESS A VALUE FOR CAMBER IS SPECIFIED ON THE DRAWINGS.

CAST-IN-PLACE CONCRETE NOTES

GENERAL

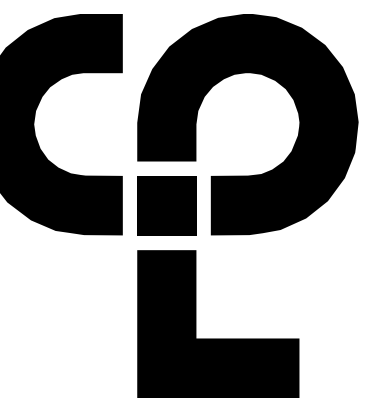
- ALL CONCRETE WORK, CONSTRUCTION AND REINFORCING DETAILS SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE WITH GEORGIA STATE AMENDMENTS AND THE SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS (ACI-318).
 - ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND CONFORM TO THE REQUIREMENTS OF THE SCHEDULE BELOW, UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR MIX DESIGN REQUIREMENTS.
- | LOCATION | W/C RATIO | SUMP [±1"] | % AIR [±1%] | MAXIMUM AGGREGATE | MIN. STRENGTH @ 28 DAYS |
|--|-----------|------------|-------------|-------------------|-------------------------|
| BURRED FOUNDATIONS | .50 | 3.5" | N/A | 1 1/2" | 3,500 PSI |
| EXPOSED RETAINING WALLS AND FOUNDATION WALLS | .45 | 3.5" | 5.5 | 1 1/2" | 5,000 PSI |
| SLAB ON GRADE [EXT.] | .45 | 3.5" | 5.5 | 3/4" | 5,000 PSI |
| VEHICULAR SLAB ON GRADE | .40 | 3.5" | 6.0 | 3/4" | 5,000 PSI |

- CONTRACTOR SHALL SUBMIT MIX DESIGNS PROPORTIONED BY A LICENSED TESTING LABORATORY.
 - PROVIDE MINIMUM OF FOUR (4) CYLINDERS PER EACH FIFTY (50) YARDS OR FRACTION THEREOF POURED IN ONE DAY. BREAK ONE AT 7 DAYS AND TWO AT 28 DAYS.
 - WHERE NEW CONCRETE IS TO BE POURED ONTO EXISTING CONCRETE, BONDING IS REQUIRED AS NOTED IN ACI 301.
 - CONDUITS AND PIPES OF ALUMINUM SHALL NOT BE EMBEDDED IN CONCRETE.
- ### REINFORCING STEEL
- ALL REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI-318).
 - REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
 - LAP SPICES AND EMBEDMENT LENGTHS SHALL CONFORM TO ACI 318 - CHAPTER 25.
 - PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING WHERE FOOTINGS, WALLS OR BEAMS MEET AT CORNERS OR INTERSECT. THIS ALSO INCLUDES INTERSECTIONS OF CONCRETE WITH MASONRY WORK.
 - PROVIDE SHOP DRAWINGS FOR REINFORCING INCLUDING ALL NECESSARY ACCESSORIES TO HOLD REINFORCING SECURELY IN PLACE. "WET-STICKING" OF REBAR OR DOWELS IS NOT PERMITTED.
 - CLEAR COVER CONCRETE PROTECTION FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

3"	- CONCRETE CAST AGAINST EARTH.
2"	- FORMED SURFACES IN CONTACT WITH SOIL OR EXPOSED TO WEATHER.
1"	- FORMED SURFACES NOT IN CONTACT WITH SOIL OR EXPOSED TO WEATHER.

FOUNDATIONS

- ALL FOUNDATIONS ARE TO BEAR ON APPROVED BEARING MATERIAL.
 - ALL FOUNDATION EXCAVATIONS ARE SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE BEFORE ANY CONCRETE IS PLACED.
 - ALL FORMS AND REINFORCING STEEL IN PLACE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE ANY CONCRETE IS PLACED.
 - NO FOUNDATION SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
 - IN GENERAL, EXTERIOR CONSTRUCTION SHALL BE CARRIED DOWN A MINIMUM OF **4'-0"** BELOW FINISHED EXTERIOR GRADE.
 - CENTERLINE OF FOOTINGS, WALLS, GRADE BEAMS, COLUMNS, AND BEAMS SHALL COINCIDE, UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR FOUNDATION DRAINAGE.
 - ALL EXTERIOR CONCRETE USED ABOVE GRADE SHALL HAVE AN AIR ENTRAINING AGENT.
 - RUB ALL SIGHT EXPOSED CONCRETE AFTER FORMS HAVE BEEN REMOVED.
 - ALL EXPOSED CONCRETE PIER CORNERS SHALL BE CHAMFERED 3/4".
 - ALL GROUT FOR BASE PLATES SHALL BE NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS.
 - ANCHOR BOLTS - ASTM F1554, Fy=36 KSI, 1" DIAMETER UNLESS NOTED OTHERWISE.
 - ISOLATION JOINT - ASPHALT IMPREGNATED FILLER STRIP CONFORMING TO ASTM D-944.
 - CONCRETE WALL CONNECTION JOINTS: FORM WEAKENED-PLANE CONTRACTION JOINTS. SECTIONING CONCRETE INTO AREAS AS INDICATED. SPACING OF JOINTS SHALL BE LOCATED 4 FEET FROM CORNERS AND INTERSECTIONS, AND THEN AT 25 FEET ON CENTER THEREAFTER.
 - CONSTRUCTION/COLD JOINTS: TERMINATE DAYS CONCRETE WORK AT A CONTROL JOINT LOCATION. PROVIDE A KEYWAY OR DOWELS FOR CONTINUATION OF WORK WITH NEXT POUR.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE JOB BEFORE COMMENCING WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS AND DETAILS NOT SHOWN. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION AND DIMENSIONS OF ANY OPENINGS, SLEEVES, INSERTS, SLAB DEPRESSIONS, ETC.
- ### SLABS-ON-GRADE
- ALL SLABS ON GRADE SHALL BE PLACED OVER A STEGO 15 MIL VAPOR BARRIER. TAPE ALL SEAMS AND PROVIDE FLASHING/BOOTS AROUND PIPE PENETRATIONS.
 - UNDER SLABS ON GRADE: 6-INCH LIFT OF "CRUSHED STONE" MATERIAL CONSISTING OF (A) 50/50 MIX OF #1s AND #2s (ASTM #57 STONE).
 - SLAB-ON-GRADE REINFORCEMENT SHALL BE 6x6-W2-9x2.9 WWF, UNLESS NOTED OTHERWISE.
 - PLACEMENT OF WELDED WIRE REINFORCEMENT SHALL BE AT A CONSISTENT DEPTH OF 1 1/2" FROM TOP OF SLAB, AND SHALL BE PROPERLY CHAIRED, "HOOKING UP" OR "WALKING IN" WELDED WIRE REINFORCEMENT IS NOT PERMITTED.
 - WET CURE FOR 7 DAYS BEFORE APPLYING ANY WHEELED TRAFFIC OR MASONRY PARTITIONS.
 - CONCRETE SLAB CONTROL JOINTS SHALL BE CUT INTO THE SLABS AT A DEPTH OF 1/4 TIMES THE SLAB THICKNESS WITHIN 12 HOURS OF PLACING THE CONCRETE. MAXIMUM SPACING OF INTERIOR SLAB CONTROL JOINTS, UNLESS NOTED OTHERWISE, SHALL BE 15'-0" O/C IN EACH DIRECTION. JOINTS SHALL TYPICALLY RUN BETWEEN COLUMNS AND TERMINATE AT A COLUMN ISOLATION POUR. THE LENGTH OF ANY INDIVIDUAL JOINTED AREA SHALL NOT EXCEED 1.5 TIMES ITS WIDTH.
 - CONSTRUCTION/COLD JOINTS: TERMINATE DAYS CONCRETE WORK AT A CONTROL JOINT LOCATION. PROVIDE A KEYWAY OR DOWELS FOR CONTINUATION OF WORK WITH NEXT POUR. CONTINUE 50% OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
 - CONCRETE SURFACE SHALL BE HARD STEEL TROWEL FINISH.
 - REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SLAB FINISHES, SLAB DEPRESSIONS, THICKENED SLABS, EQUIPMENT PADS/CURBS, ELEVATIONS, AND ENCASED OR EMBEDDED ITEMS.
 - PLUMBING AND ELECTRICAL CONDUITS SHALL BE PLACED BELOW THE SLAB AND NOT WITHIN THE SLAB. VERTICAL PENETRATIONS ARE ALLOWED.
 - PROVIDE ONE #4 BAR, 4'-0" LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS-ON-GRADE.



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number
16684.00
Client Name
AUGUSTA UNIVERSITY

Project Name
J-381 AUGUSTA UNIVERSITY -
CHRISTENBERY FIELD HOUSE
<BUILDING NAME (if applicable)>

Project Address
3109 Whitesboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Rev. Date Description

PROFESSIONAL STAMPS



9-25-2023

SHEET INFORMATION

Name
09/25/2023
Project Status
PERMIT SET
Drawn By
CAD
Checked By
LDW
Drawing Title
STRUCTURAL NOTES AND SCHEDULES

Drawing Number



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number
R22.16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE
RENOVATION**

Project Address
3109 Wrightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Name: Scale: As indicated
Project Status: BID SET
Drawn By: Checked By:
Author: Checker
Drawing Title: OVERALL DEMOLITION PLAN LEVEL 1
Drawing Number:

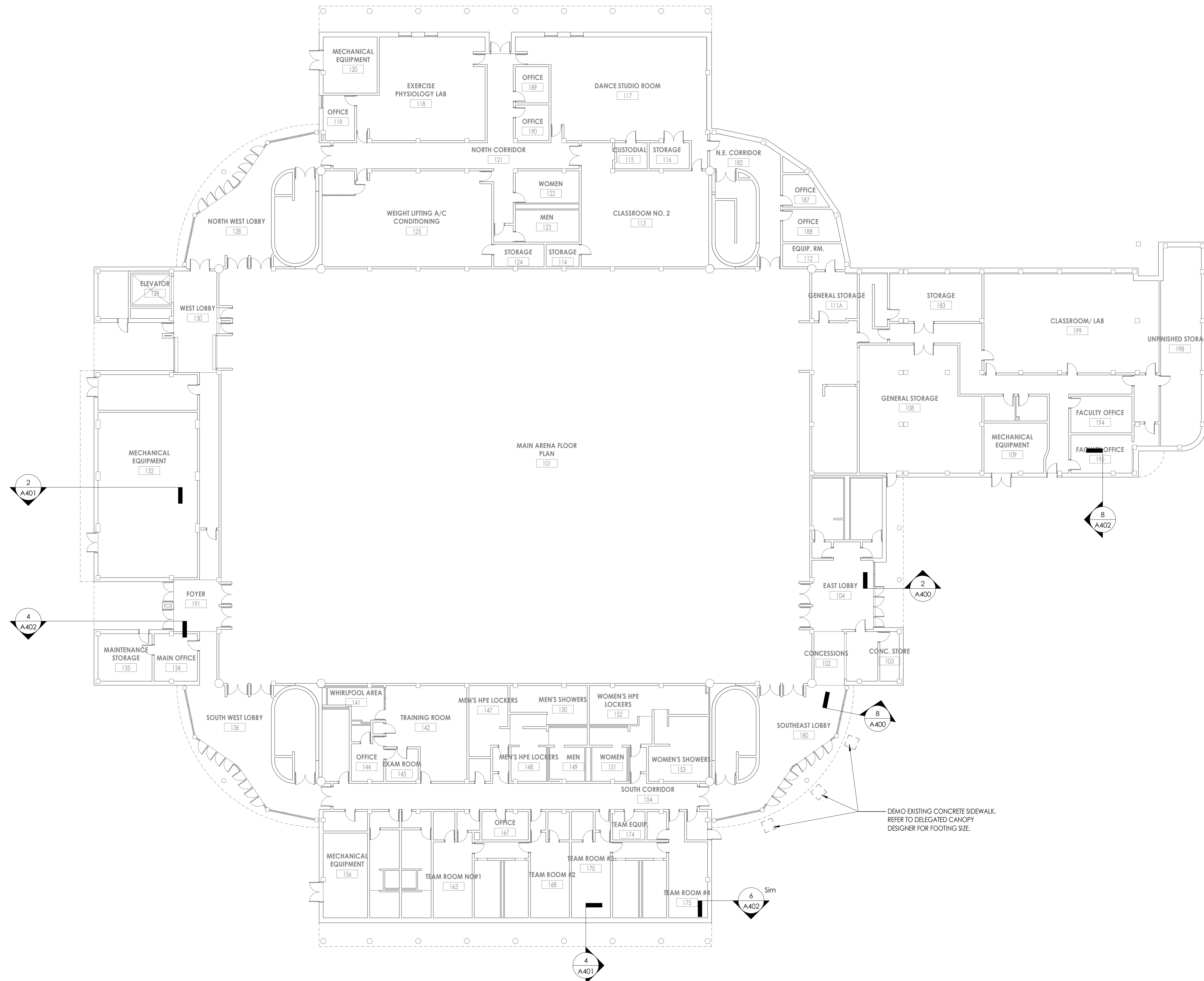
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DEMOLITION GENERAL NOTES

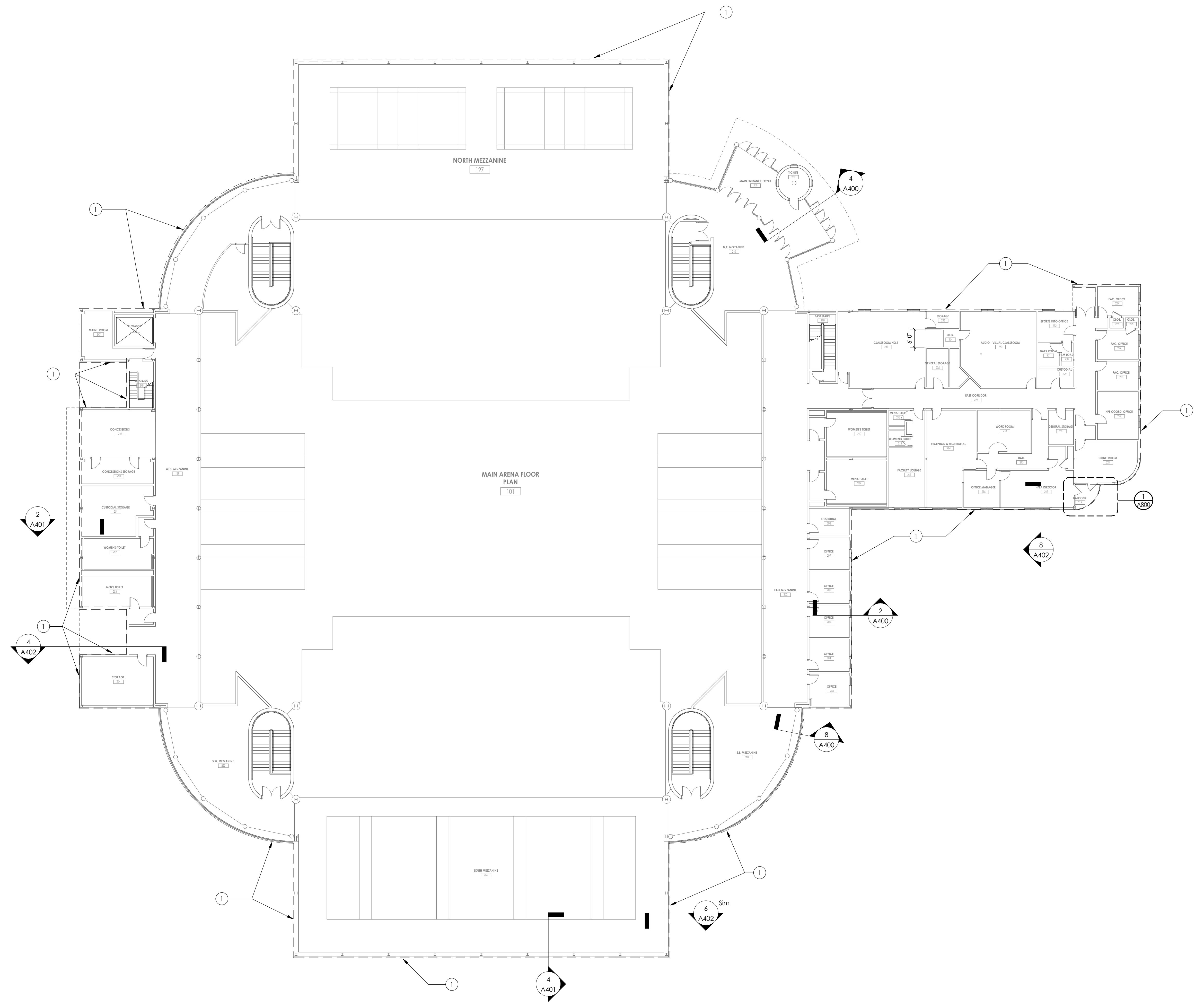
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- REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES.
- ALL ITEMS TO BE SALVAGED WITHIN THE DEMOLITION AREA WILL BE REMOVED BY THE OWNER PRIOR TO ONSET OF DEMOLITION WORK.
- BUILDINGS THAT ARE OCCUPIED DURING CONSTRUCTION TO FOLLOW ICRA, INCLUDING BUT NOT LIMITED TO: MAINTAIN NEGATIVE AIR PRESSURE THROUGHOUT CONSTRUCTION AREA TO CONTAIN CONSTRUCTION DUST. PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF DEMOLITION AND CONSTRUCTION. BUILD AND PAINT TEMPORARY PARTITIONS THAT ARE ABLE TO BE WIPED DOWN AND CLEANED. MAINTAIN EMERGENCY EGRESS OF OCCUPIED AREAS AT ALL TIMES. DUST CONTROL AND EGRESS PARTITIONS ARE TO BE CONSTRUCTED AND/OR RELOCATED PER EACH PHASE OF CONSTRUCTION AS THE PROJECT PROGRESSES AND AS COORDINATED WITH OWNER OCCUPANCY.**
- REMAINING SUBSTRATES SHALL BE LEFT IN A CONDITION ACCEPTABLE TO RECEIVE NEW WORK. WHERE NEW FINISHES ARE SCHEDULED AT EXISTING CONDITIONS, REMOVE EXISTING FINISHES DOWN TO SUBSTRATE AND PREPARE SURFACE FOR NEW FINISH.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.
- POWER, COMMUNICATION, FIRE PROTECTION & MEDICAL GAS SHUT DOWNS SHALL NOT EFFECT PORTIONS OF BUILDING(S) THAT NEED TO REMAIN IN USE. CONTRACTOR TO REROUTE OR PROVIDE TEMPORARY POWER, COMMUNICATION, AND FIRE PROTECTION. COORDINATE SHUT DOWNS WITH OWNER.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT END OF EACH DAY.
- ALL ITEMS SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED.
- TYPICAL BUILDING COMPONENTS TO BE LEFT IN PLACE WHICH ARE NOT TO BE DEMOLISHED, UNLESS NOTED OTHERWISE:
 - FIRE PROOFING ON COLUMNS AND BEAMS WHICH IS NOT PART OF A WALL OR CEILING SYSTEM. THIS INCLUDES PLASTER, MASONRY, AND CONCRETE COVERS WHICH MAY BE ENCAPSULATED BY THE WALL OR CEILING ASSEMBLIES.
 - ELECTRIC, PLUMBING AND HVAC LINES FEEDING AREAS TO REMAIN IN OPERATION. COORDINATE WITH MEP DRAWINGS.
 - ANY STRUCTURES UNCOVERED AS A RESULT OF DEMOLITION WHICH APPEAR TO BE SUPPORTING IN NATURE AND REQUIRING VERIFICATION PRIOR TO DEMOLITION. THIS INCLUDES EQUIPMENT SUPPORTS AND STRUCTURE ADDED AS A RESULT OF PREVIOUS CONSTRUCTION OR ADDITIONS.
- THE OWNER WILL REMOVE ALL MOVEABLE OR UNATTACHED ITEMS TO BE SAVED OR STORED PRIOR TO CONTRACTOR'S SALVAGE OPERATIONS. ITEMS TO BE SALVAGED INCLUDE BUT ARE NOT LIMITED TO, THOSE ITEMS SHOWN ON THE DRAWINGS.
- OWNER HAS THE RIGHT TO SALVAGE ANY FIXTURES AND/OR MILLWORK WITHIN AN AREA OF DEMOLITION PRIOR TO CONTRACTOR STARTING WORK IN THAT ZONE. COORDINATE TIMING OF SUCH REMOVALS WITH OWNER.
- RECONSTRUCT EXISTING FIREPROOFING DUE TO WALL, CEILING OR EQUIPMENT DEMOLITION. REFER TO G-SERIES DRAWINGS FOR PROTECTION RATING REQUIREMENTS.
- THE OWNER WILL PROVIDE THE TESTING RESULTS OF ASBESTOS CONTAINING MATERIALS (ACM) IN THE PROJECT AREA. IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED OR QUESTIONED, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
- IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.

DEMOLITION KEY NOTES

- DEMOLISH EXISTING EIFS DOWN TO METAL STUDS.
- REMOVE EXISTING METAL COPING
- DEMO [4] EXISTING HVAC LOUVERS AND EIFS OVER MTL. STUD FRAMING/ EYEBROWS TO BE REMOVED. IN-FILL WALL OPENINGS W/ MTL. STUD FRAMING PER STRUCT. REPAIR EXISTING MTL. STUD FRAMING, TIE IN AS REQUIRED, SHEATHING, VAPOR BARRIER, RIGID INSULATION, MTL. GIRTS AND METAL PANEL CLADDING TO MATCH ADJACENT MTL. CLADDING.
- EXISTING MTL. HVAC LOUVERS TO REMAIN.
- EXISTING EIFS OVER MTL. STUD FRAMING AND EYEBROW CONSTRUCTION TO BE REMOVED BACK TO MTL. STUD FRAMING. REPLACE SHEATHING, VAPOR BARRIER, MTL. GIRTS FRAMING AND MTL. CLADDING OVER EXISTING MTL. STUD FRAMING. REPAIR FLASHING ASSEMBLIES AS REQUIRED FOR WEATHER TIGHT ASSEMBLY.



DEMOLITION FLOOR PLAN LEVEL 1
1/16" = 1'-0"
TRUE NORTH PROJECT NORTH



DEMOLITION FLOOR PLAN LEVEL 2
 1/16" = 1'-0"
 TRUE NORTH PROJECT NORTH

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- THE OWNER WILL PROVIDE THE RESULTS OF ASBESTOS CONTAINING MATERIALS (ACM) IN THE PROJECT AREA. IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED OR QUESTIONED, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
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- DEMOLISH EXISTING EIFS DOWN TO METAL STUDS.
- REMOVE EXISTING METAL COPING
- DEMO [4] EXISTING HVAC LOUVERS AND EIFS OVER MTL. STUD FRAMING/ EYEBROWS TO BE REMOVED. INFILL WALL OPENINGS W/ MTL. STUD FRAMING PER STRUCT. REPAIR EXISTING MTL. STUD FRAMING, TIE IN AS REQUIRED, SHEATHING, VAPOR BARRIER, RIGID INSULATION, MTL. GIRTS AND METAL PANEL CLADDING TO MATCH ADJACENT MTL. CLADDING.
- EXISTING MTL. HVAC LOUVERS TO REMAIN.
- EXISTING EIFS OVER MTL. STUD FRAMING AND EYEBROW CONSTRUCTION TO BE REMOVED BACK TO MTL. STUD FRAMING. REPLACE SHEATHING, VAPOR BARRIER, MTL. GIRTS FRAMING AND MTL. CLADDING OVER EXISTING MTL. STUD FRAMING. REPAIR FLASHING ASSEMBLIES AS REQUIRED FOR WEATHER TIGHT ASSEMBLY.



PROJECT INFORMATION
 Project Number: R22.16686.00
 Client Name: AUGUSTA UNIVERSITY
 Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION
 Project Address: 3109 Wrightsboro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS

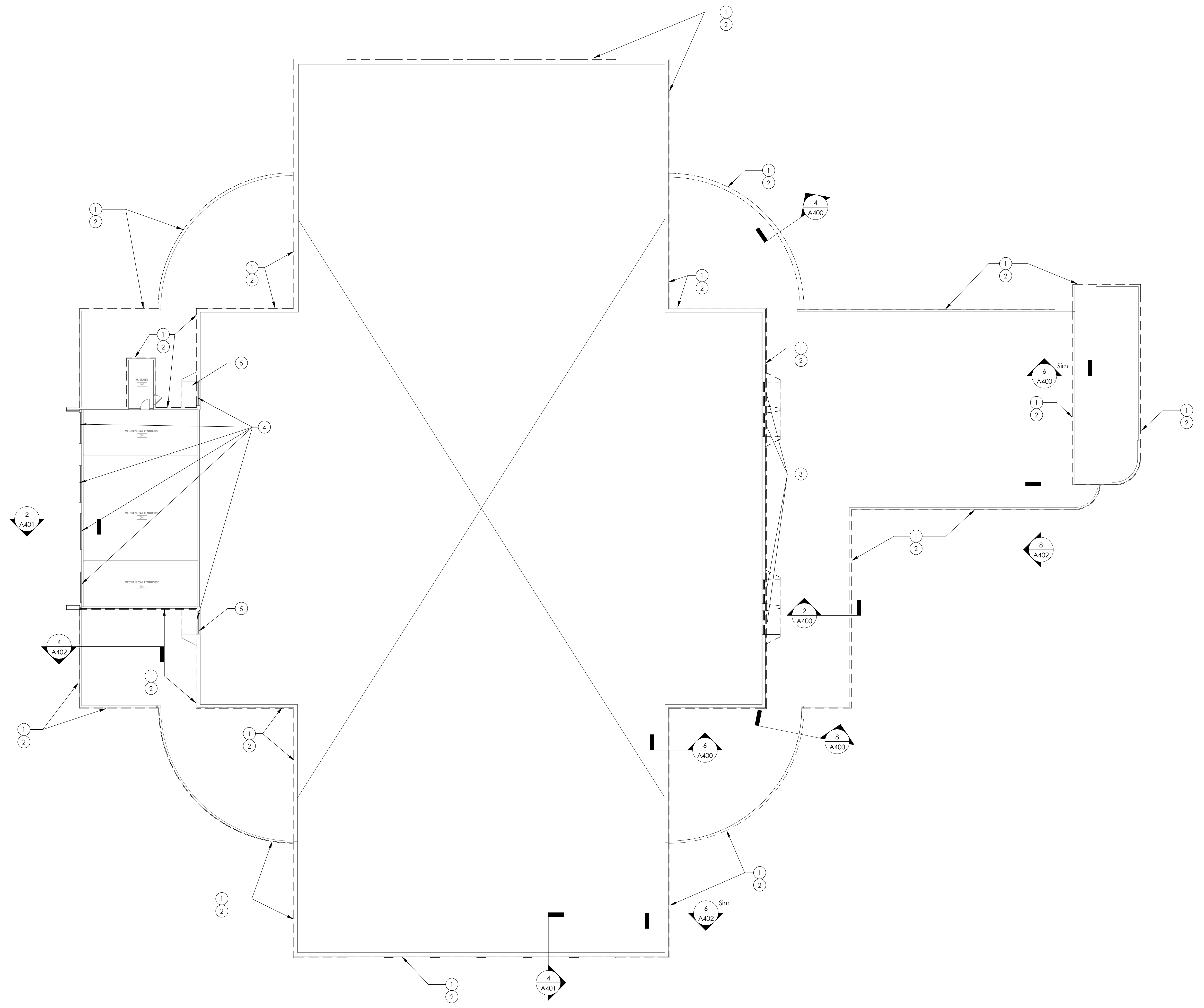


SHEET INFORMATION

Name	Scale
09-25-2023	As indicated
BID SET	
Author	Checked By:
Checker	

OVERALL DEMOLITION PLAN LEVEL 2

Drawing Number



1
A103
DEMOLITION FLOOR PLAN LEVEL 3
 1/16" = 1'-0"

DEMOLITION GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ALL DEMOLITION WORK.
- REFER TO THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES.
- ALL ITEMS TO BE SALVAGED WITHIN THE DEMOLITION AREA WILL BE REMOVED BY THE OWNER PRIOR TO ONSET OF DEMOLITION WORK.
- BUILDINGS THAT ARE OCCUPIED DURING CONSTRUCTION TO FOLLOW ICRA, INCLUDING BUT NOT LIMITED TO: MAINTAIN NEGATIVE AIR PRESSURE THROUGHOUT CONSTRUCTION AREA TO CONTAIN CONSTRUCTION DUST. PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF DEMOLITION AND CONSTRUCTION. BUILD AND PAINT TEMPORARY PARTITIONS THAT ARE ABLE TO BE WIPE DOWN AND CLEANED. MAINTAIN EMERGENCY EGRESS OF OCCUPIED AREAS AT ALL TIMES. DUST CONTROL AND EGRESS PARTITIONS ARE TO BE CONSTRUCTED AND/OR RELOCATED PER EACH PHASE OF CONSTRUCTION AS THE PROJECT PROGRESSES AND AS COORDINATED WITH OWNER OCCUPANCY.**
- REMAINING SUBSTRATES SHALL BE LEFT IN A CONDITION ACCEPTABLE TO RECEIVE NEW WORK. WHERE NEW FINISHES ARE SCHEDULED AT EXISTING CONDITIONS, REMOVE EXISTING FINISHES DOWN TO SUBSTRATE AND PREPARE SURFACE FOR NEW FINISH.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.
- POWER, COMMUNICATION, FIRE PROTECTION & MEDICAL GAS SHUT DOWNS SHALL NOT AFFECT PORTIONS OF BUILDING(S) THAT NEED TO REMAIN IN USE. CONTRACTOR TO REROUTE OR PROVIDE TEMPORARY POWER, COMMUNICATION, AND FIRE PROTECTION. COORDINATE SHUT DOWNS WITH OWNER.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT END OF EACH DAY.
- ALL ITEMS SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED.
- TYPICAL BUILDING COMPONENTS TO BE LEFT IN PLACE WHICH ARE NOT TO BE DEMOLISHED, UNLESS NOTED OTHERWISE:
 - FIRE PROOFING ON COLUMNS AND BEAMS WHICH IS NOT PART OF A WALL OR CEILING SYSTEM. THIS INCLUDES PLASTER, MASONRY, AND CONCRETE COVERS WHICH MAY BE ENCAPSULATED BY THE WALL OR CEILING ASSEMBLIES.
 - ELECTRIC, PLUMBING AND HVAC LINES FEEDING AREAS TO REMAIN IN OPERATION. COORDINATE WITH MEP DRAWINGS.
 - ANY STRUCTURES UNCOVERED AS A RESULT OF DEMOLITION WHICH APPEAR TO BE SUPPORTING IN NATURE AND REQUIRING VERIFICATION PRIOR TO DEMOLITION. THIS INCLUDES EQUIPMENT SUPPORTS AND STRUCTURE ADDED AS A RESULT OF PREVIOUS CONSTRUCTION OR ADDITIONS.
- THE OWNER WILL REMOVE ALL MOVABLE OR UNATTACHED ITEMS TO BE SAVED OR STORED PRIOR TO CONTRACTOR'S SALVAGE OPERATIONS. ITEMS TO BE SALVAGED INCLUDE BUT ARE NOT LIMITED TO, THOSE ITEMS SHOWN ON THE DRAWINGS.
- OWNER HAS THE RIGHT TO SALVAGE ANY FIXTURES AND/OR MILLWORK WITHIN AN AREA OF DEMOLITION PRIOR TO CONTRACTOR STARTING WORK IN THAT ZONE. COORDINATE TIMING OF SUCH REMOVALS WITH OWNER.
- RECONSTRUCT EXISTING FIREPROOFING DUE TO WALL, CEILING OR EQUIPMENT DEMOLITION. REFER TO G-SERIES DRAWINGS FOR PROTECTION RATING REQUIREMENTS.
- THE OWNER WILL PROVIDE THE TESTING RESULTS OF ASBESTOS CONTAINING MATERIALS (ACM) IN THE PROJECT AREA. IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED OR QUESTIONED, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.
- IN THE CASE THAT ANY SUSPICIOUS MATERIALS ARE UNCOVERED THAT APPEAR TO CONTAIN HAZARDOUS MATERIALS SUCH AS BUT NOT LIMITED TO MOLD, LEAD PAINT OR ASBESTOS, LEAVE THE PREMISES AND NOTIFY THE OWNER & ABATEMENT CONTRACTOR FOR REQUIRED TESTING AND/OR REMOVALS.

DEMOLITION KEY NOTES

- DEMOLISH EXISTING EIFS DOWN TO METAL STUDS.
- REMOVE EXISTING METAL COPING
- DEMO [4] EXISTING HVAC LOUVERS AND EIFS OVER MTL. STUD FRAMING/ EYEBROWS TO BE REMOVED. INFILL WALL OPENINGS W/ MTL. STUD FRAMING PER STRUCT. REPAIR EXISTING MTL. STUD FRAMING, TIE IN AS REQUIRED, SHEATHING, VAPOR BARRIER, RIGID INSULATION, MTL. GIRTS AND METAL PANEL CLADDING TO MATCH ADJACENT MTL. CLADDING.
- EXISTING MTL. HVAC LOUVERS TO REMAIN.
- EXISTING EIFS OVER MTL. STUD FRAMING AND EYEBROW CONSTRUCTION TO BE REMOVED BACK TO MTL. STUD FRAMING. REPLACE SHEATHING, VAPOR BARRIER, MTL. GIRTS FRAMING AND MTL. CLADDING OVER EXISTING MTL. STUD FRAMING. REPAIR FLASHING ASSEMBLIES AS REQUIRED FOR WEATHER TIGHT ASSEMBLY.

PROJECT ISSUE & REVISION SCHEDULE

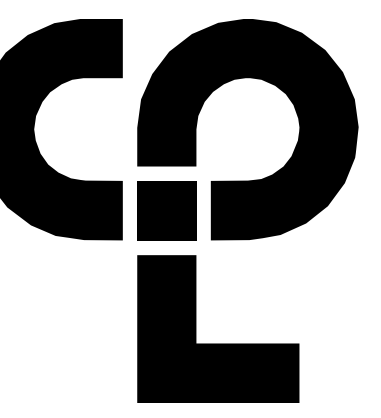
No.	Date	Description
1	04-01-2023	DD SUBMITTAL
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3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Name	Scale
09-25-2023	As indicated
Project Status: BID SET	
Drawn By: Author	Checked By: Checker
Drawing Title: OVERALL DEMOLITION PLAN LEVEL 3	
Drawing Number:	



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AUGUSTA
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PROJECT INFORMATION

Project Number: R22.16686.00
Client Name: AUGUSTA UNIVERSITY

Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

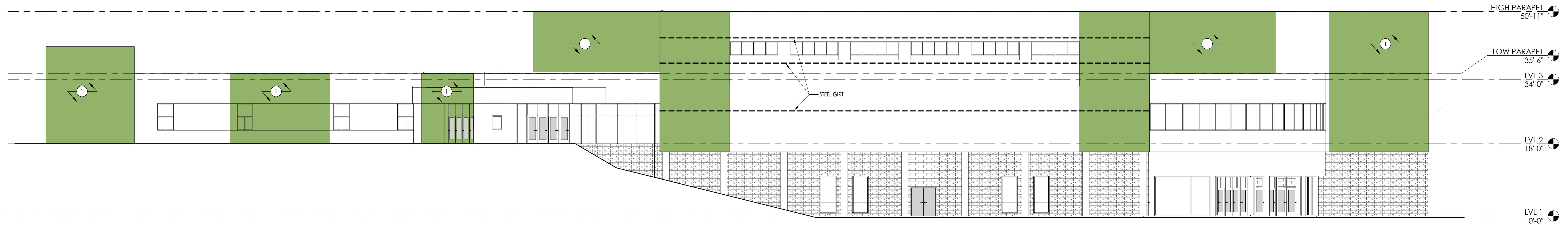
Project Address: 3109 Wightboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

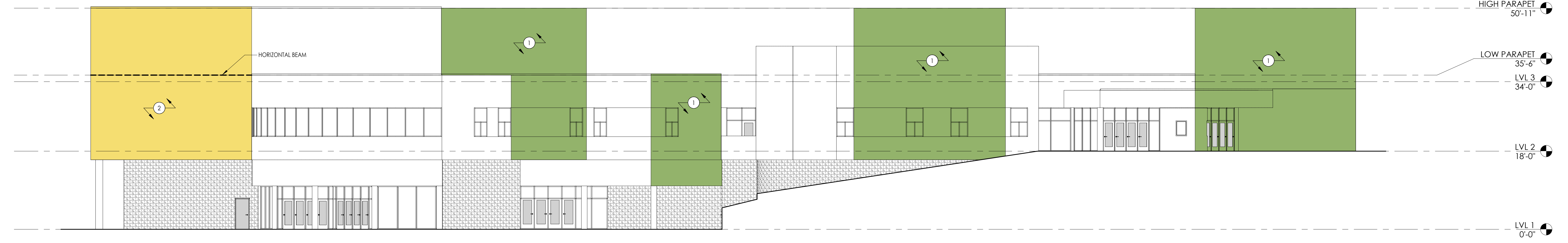
No. Date Description
6 01-16-2024 BID SET



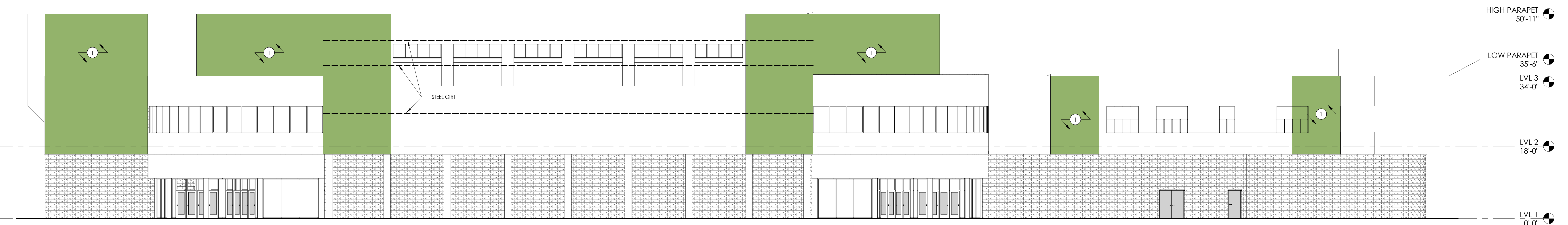
1 EXISTING - WEST ELEVATION



2 EXISTING - NORTH ELEVATION



3 EXISTING - EAST ELEVATION



4 EXISTING - SOUTH ELEVATION

LEGEND

- ① AREA OF EXISTING STRUCTURAL BRACING - AS-BUILT DRAWINGS. REFERENCE STRUCTURAL DRAWINGS SHEETS S201, S400, AND S401 FOR ADDITIONAL INFORMATION RELATED TO STRUCTURAL REMEDIATION WORK SCOPES.
- ② AREA OF PREVIOUS WALL REPAIR AND BASES OF DESIGN FOR STRUCTURAL REMEDIATION WORK SCOPES AS FURTHER DESCRIBED IN 204 ARCHITECT'S REPORT DATED OCTOBER 8, 2019 AND INCLUDED AS ATTACHMENT A TO SPECIFICATION SECTION 05 4000- COLD-FORMED METAL FRAMING.

PROFESSIONAL STAMPS



SHEET INFORMATION

Name: 01/09/24
Scale: As indicated
Project Status: BID SET
Drawn By: Author
Checked By: Checker
Drawing Title: EXISTING ELEVATIONS

Drawing Number: A110



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AUGUSTA
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PROJECT INFORMATION

Project Number: R22-16686.00
Client Name: AUGUSTA UNIVERSITY

Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

Project Address: 3109 WRIGHTSBORO ROAD
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
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5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 09-25-2023 Scale: As indicated
Project Status: BID SET
Drawn By: Author Checked By: Checker
Author: Checker
Drawing Title: OVERALL FLOOR PLAN LEVEL 1
Drawing Number:

A201

FLOOR PLAN GENERAL NOTES

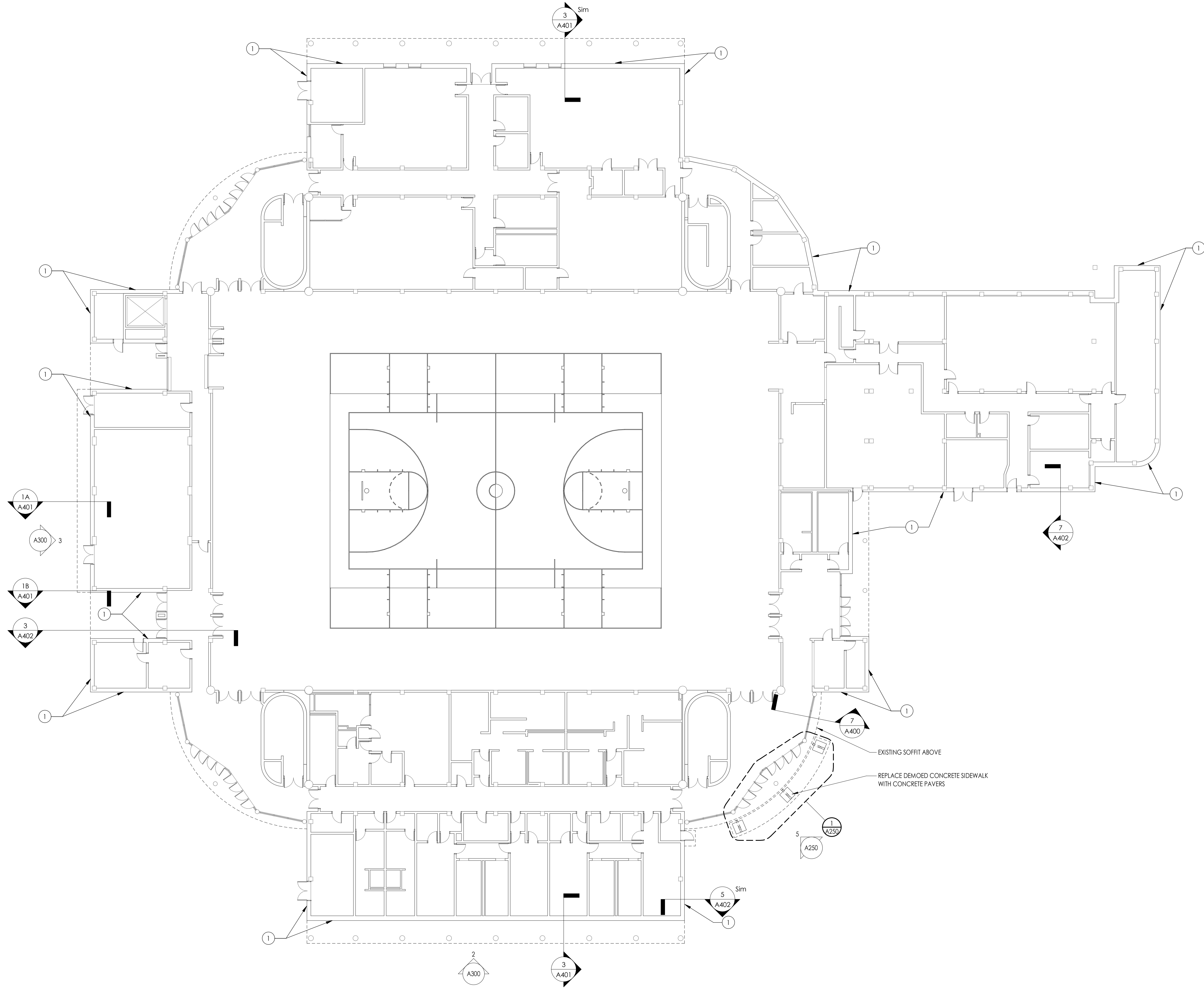
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
- PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
- ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.

FLOOR PLAN LEGEND

- NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.
- DOOR DOOR TARGET, SEE SCHEDULE
 - WINDOW WINDOW TARGET, SEE SCHEDULE
 - COLUMN LINE IDENTIFICATION
 - ROOM NAME ROOM TAG
 - 10'-0" x 10'-0"
 - XXX DENOTES CHANGE IN FLOOR MATERIAL
 - WATER HEATER/ AIR HANDLER, SEE MECHANICAL DRAWINGS
 - SECTION MARK
 - INTERIOR ELEVATION MARK
 - EXTERIOR ELEVATION MARK
 - DETAIL FOR REFERENCE MARK
 - BLOCKING IN WALLS FOR GRAB BAR INSTALLATION
 - DENOTES FINISH FLOOR GRADE ELEVATION
 - WALL TYPE SEE A/400
 - NEW FIRE EXTINGUISHER CABINET
 - NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

FLOOR PLAN KEY NOTES

- POINT, CLEAN, AND PAINT EXISTING CMU. REPAIR ALL DAMAGED CONTROL, EXPANSION AND GROUT JOINTS, TYP.
- STRUCTURAL SUPPORT FOR 48" CAST ALUMINUM LETTERS AT THIS WALL.
- INFILL OPENING W/ CFMF AND SHEATHING TO MATCH EXISTING.



OVERALL FLOOR PLAN LEVEL 1
1/16" = 1'-0"
TRUE NORTH PROJECT NORTH

1/17/2024 3:44:57 PM c:\project\locations\CD Design & Project Files\A201.dwg



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FLOOR PLAN GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
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FLOOR PLAN LEGEND

NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- DOOR TARGET, SEE SCHEDULE
- WINDOW TARGET, SEE SCHEDULE
- COLUMN LINE IDENTIFICATION
- ROOM NAME
11242
150 SF
10'-0" x 10'-0" ROOM TAG
- XXX DENOTES CHANGE IN FLOOR MATERIAL
- [WH] WATER HEATER/ AIR HANDLER, SEE MECHANICAL DRAWINGS
- 1
A3.1 SECTION MARK
- 2
A701 INTERIOR ELEVATION MARK
- 3
A301 EXTERIOR ELEVATION MARK
- 1
A4.1 DETAIL FOR REFERENCE MARK
- BLOCKING IN WALLS FOR GRAB BAR INSTALLATION
- DENOTES FINISH FLOOR GRADE ELEVATION
- XXX WALL TYPE SEE A/400
- [NFEC] NEW FIRE EXTINGUISHER CABINET
- [NFEB] NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

FLOOR PLAN KEY NOTES

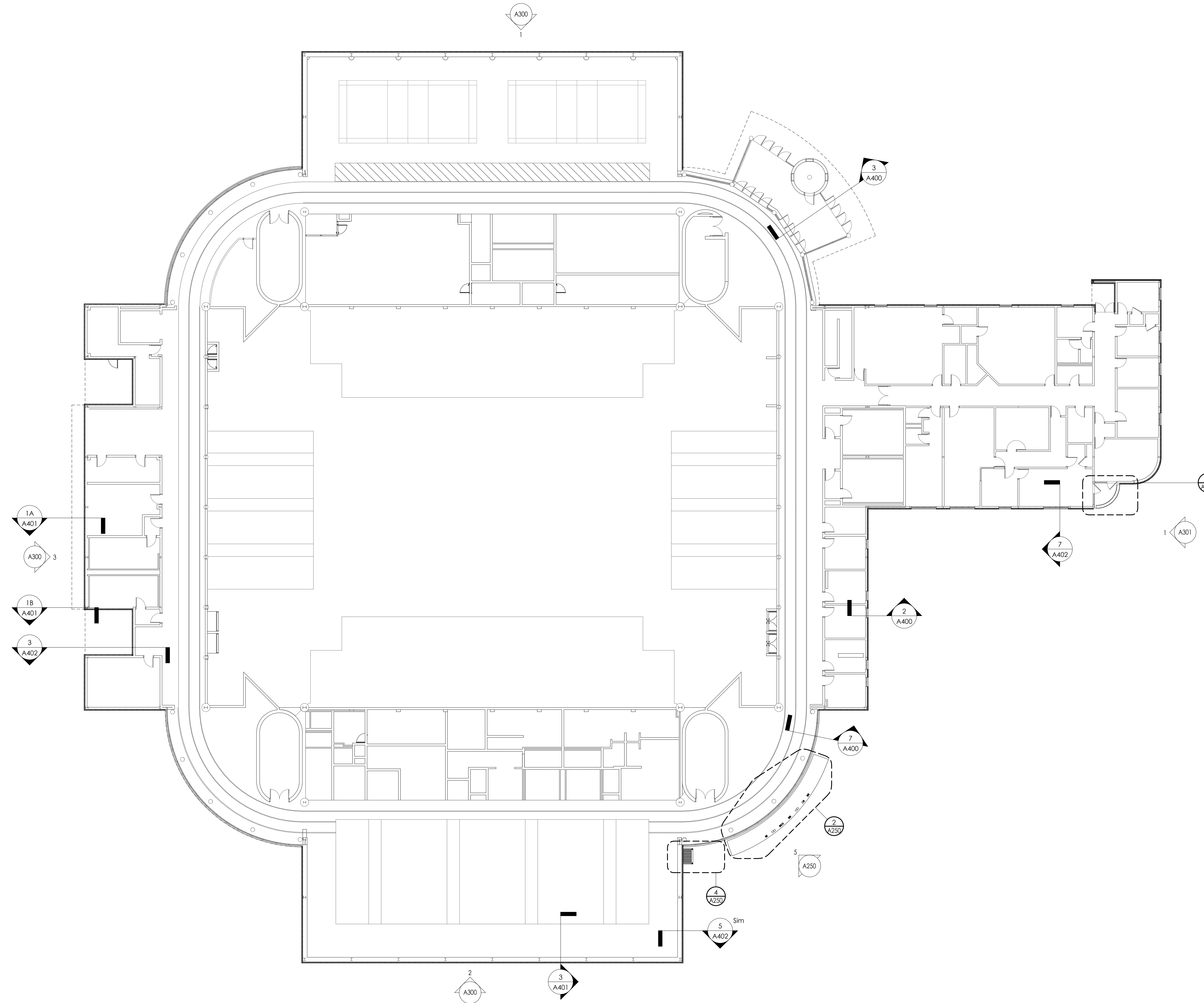
- POINT, CLEAN, AND PAINT EXISTING CMU. REPAIR ALL DAMAGED CONTROL, EXPANSION AND GROUT JOINTS, TYP.
- STRUCTURAL SUPPORT FOR 48" CAST ALUMINUM LETTERS AT THIS WALL.
- INFILL OPENING W/ CFMF AND SHEATHING TO MATCH EXISTING.

PROJECT INFORMATION

Project Number: R22-16686.00
Client Name: AUGUSTA UNIVERSITY
Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION
Project Address: 3109 WRIGHTSBORO ROAD, AUGUSTA, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET



1
A202
TRUE NORTH PROJECT NORTH
FLOOR PLAN LEVEL 2
1/16" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 09-25-2023 Scale: As indicated
Project Status: BID SET
Drawn By: Author Checked By: Checker
Drawing Title: OVERALL FLOOR PLAN LEVEL 2
Drawing Number:



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number
R22.16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE
RENOVATION

Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
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PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 09-25-2023 Scale: As indicated
Project Status: BID SET
Drawn By: Author Checked By: Checker
Drawing Title: OVERALL FLOOR PLAN LEVEL 3
Drawing Number:

A203

FLOOR PLAN GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
- PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
- ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.

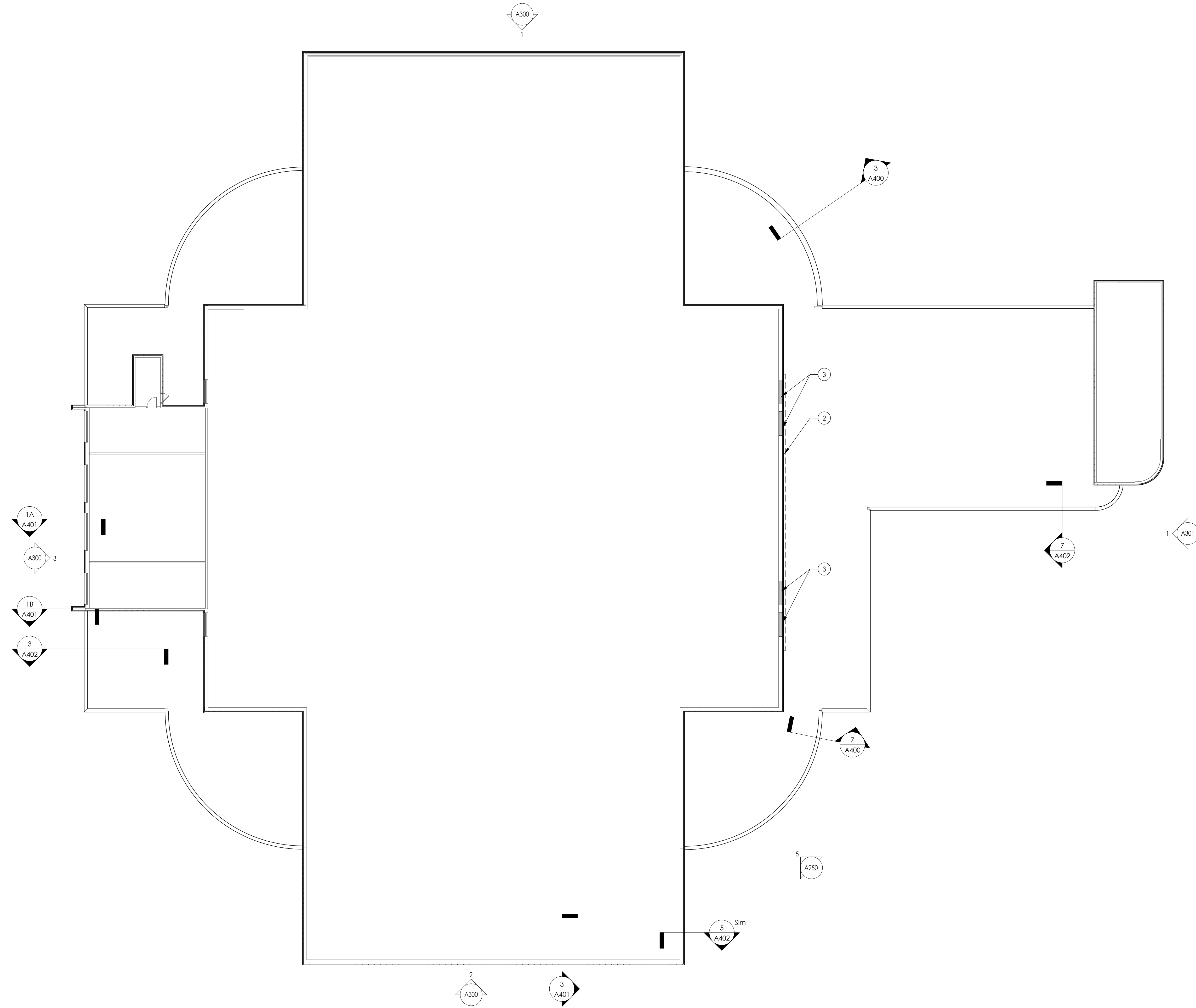
FLOOR PLAN LEGEND

NOTE: THE LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- DOOR DOOR TARGET, SEE SCHEDULE
- WINDOW WINDOW TARGET, SEE SCHEDULE
- COLUMN LINE IDENTIFICATION
- ROOM NAME ROOM TAG
150 SF
10'-0" x 10'-0"
- XXX DENOTES CHANGE IN FLOOR MATERIAL
- WATER HEATER/ AIR HANDLER, SEE MECHANICAL DRAWINGS
- SECTION MARK
- INTERIOR ELEVATION MARK
- EXTERIOR ELEVATION MARK
- DETAIL FOR REFERENCE MARK
- BLOCKING IN WALLS FOR GRAB BAR INSTALLATION
- DENOTES FINISH FLOOR GRADE ELEVATION
- WALL TYPE SEE A/400
- NEW FIRE EXTINGUISHER CABINET
- NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

FLOOR PLAN KEY NOTES

- POINT, CLEAN, AND PAINT EXISTING CMU. REPAIR ALL DAMAGED CONTROL, EXPANSION AND GROUT JOINTS, TYP.
- STRUCTURAL SUPPORT FOR 48" CAST ALUMINUM LETTERS AT THIS WALL.
- INFILL OPENING W/ CFMF AND SHEATHING TO MATCH EXISTING.



TRUE NORTH PROJECT NORTH
1 A203
1/16" = 1'-0"



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number: R22-16686-00
Client Name: AUGUSTA UNIVERSITY
Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION
Project Address: 3109 WRIGHTSBORO ROAD, AUGUSTA, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 09-25-2023 Scale: As indicated
Project Status: BID SET
Drawn By: Author Checked By: Checker
Drawing Title: OVERALL ROOF PLAN
Drawing Number:

Drawing Number

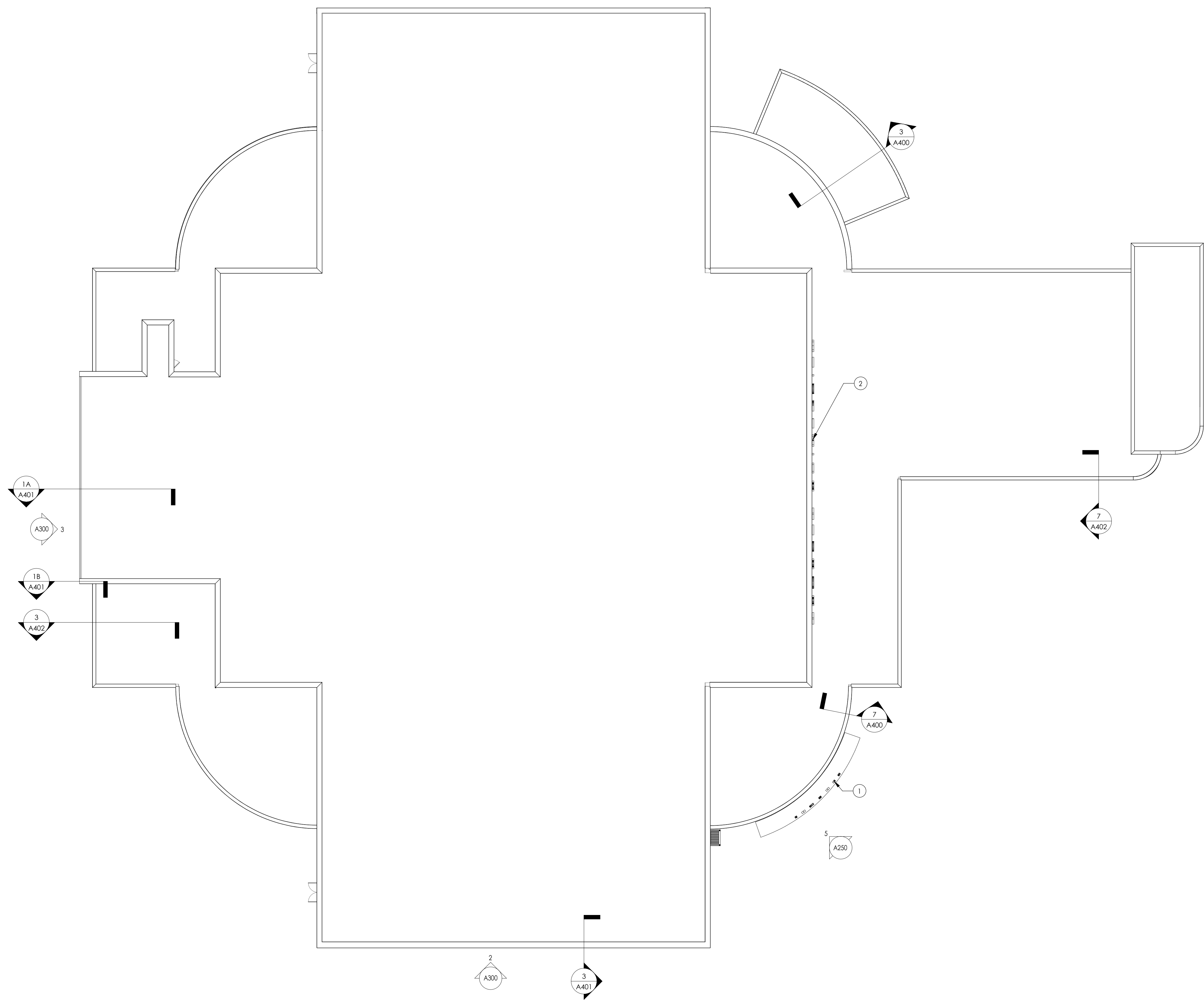
A210

ROOF PLAN GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
- REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
- PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE OF DECK TO MATCH.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
- ALL WOOD BLOCKING USED SHALL BE PRESSURE TREATED.
- THE ROOF ELEVATIONS SHOWN ON THE PLAN ARE SHOWN TO ESTABLISH RELATIVE HEIGHTS OF THE INDIVIDUAL ROOFS.
- NO WEEP HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
- MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
- PROVIDE WOOD BLOCKING AS REQUIRED TO MEET THE HIGH POINT (HP) OF THE INSULATION AT ROOF EDGES. THE ROOF EDGE HEIGHT SHALL NOT VARY UNLESS OTHERWISE NOTED. ALL WOOD BLOCKING USED SHALL BE PRESERVATIVE-TREATED.
- ALL SADDLES AND CRICKETS ARE TO HAVE A MIN. 1/4" PER FOOT SLOPE AS INDICATED. PROVIDE CRICKETS FOR DIVERSION OF WATER AT ALL CURBS, RAILS, ETC. WHICH RUN PERPENDICULAR TO SLOPE OF INSULATION.
- ALL METAL PARAPET CAPS TO BE REMOVED AND REPLACED. PRESERVE EXISTING TPO TO TIE IN NEW MTL. PARAPETS.

ROOF PLAN KEY NOTES

- 18" CAST ALUMINUM LETTERS CENTERED ON CANOPY. SEE ELEVATIONS
- 48" CAST ALUMINUM LETTERS CENTERED ON WALL. SEE ELEVATIONS



1 ROOF PLAN
A210
1/16" = 1'-0"
TRUE NORTH PROJECT NORTH



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AUGUSTA UNIVERSITY

PROJECT INFORMATION

Project Number: R22.16686.00
Client Name: **AUGUSTA UNIVERSITY**

Project Name: **J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION**

Project Address: 3109 Wightshoro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Scale: As indicated
Project Status: BID SET
Checked By: CPL
Drawing Title: ENLARGED CANOPY PLANS

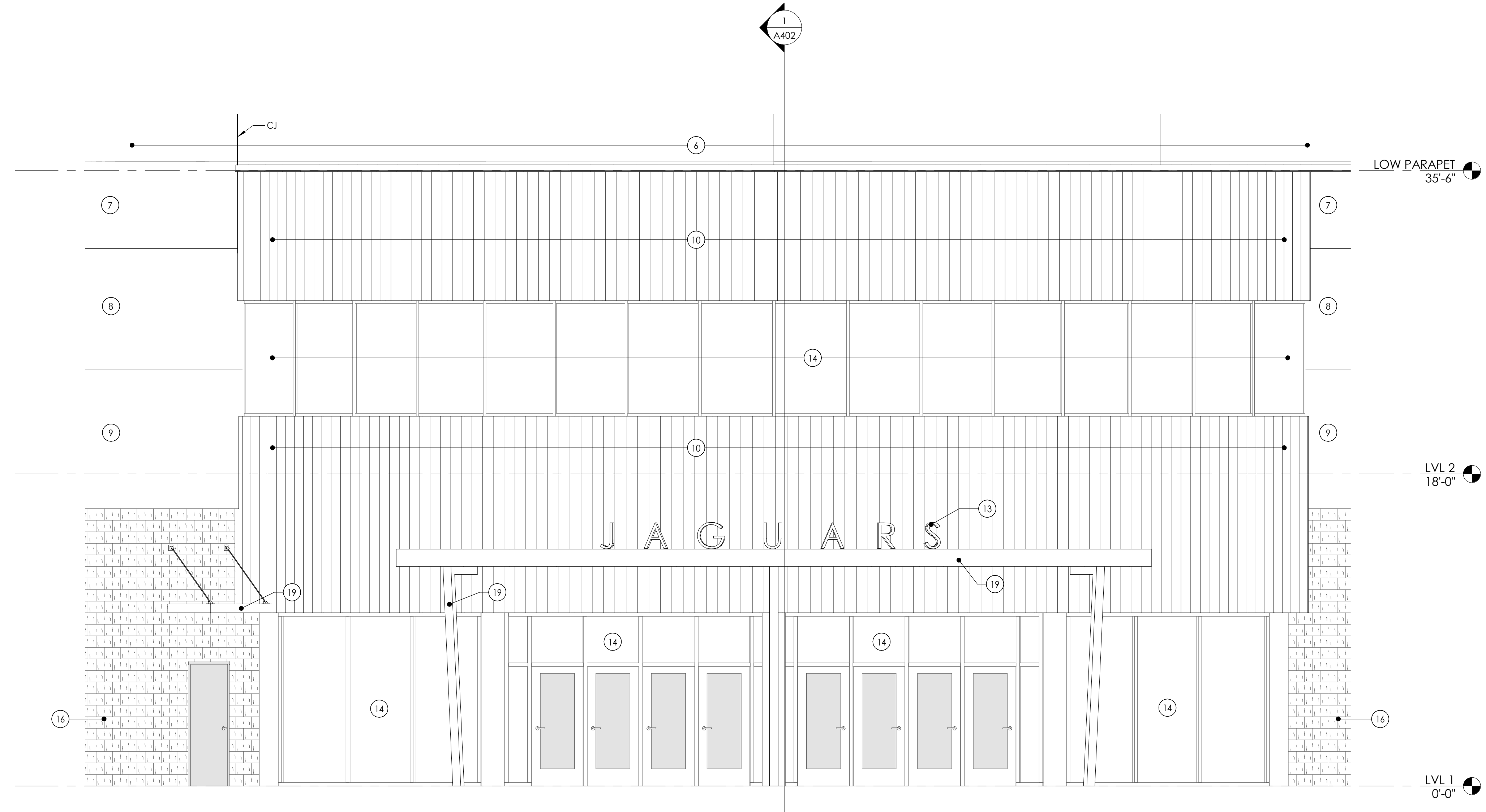
Drawing Number: A250

ELEVATION GENERAL NOTES

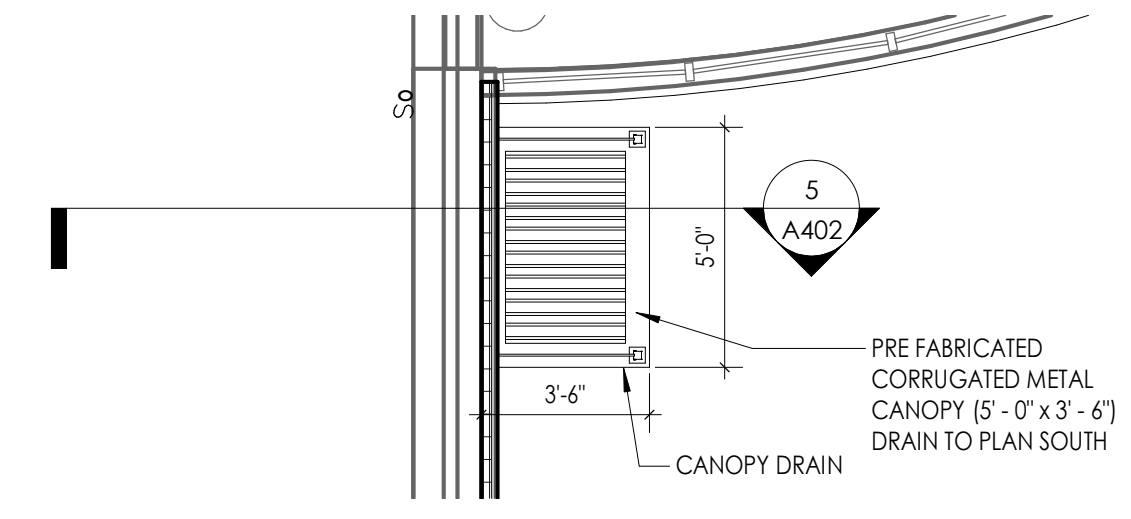
- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- PROVIDE ALL LOUVER OPENINGS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL SIZE AND LOCATION.
- ARCHITECTURAL ELEVATION 0'-0" EQUALS CIVIL DATUM OF XXX.XX'
- CONTROL JOINT = CJ
- SOFT JOINT = SJ
- EXPANSION JOINT = EJ
- BUILDING EXPANSION JOINT = BEJ

ELEVATION LEGEND

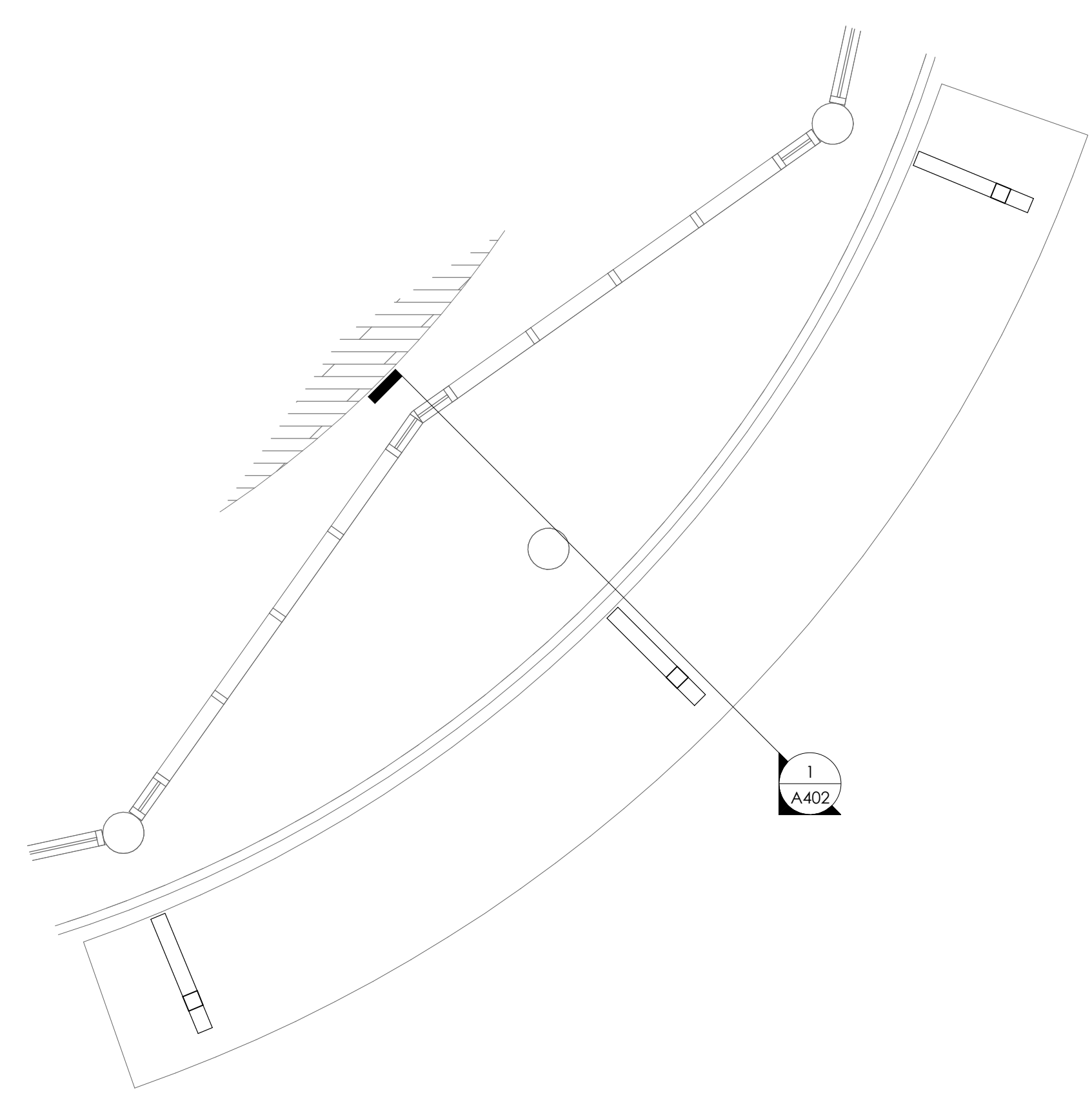
- | | | | |
|----|---|----|--------------------------------------|
| 1 | EXISTING SPLIT-FACED/SMOOTH-FACE CMU - POINT, CLEAN, AND PAINT EXISTING SPLIT-FACED AND SMOOTH-FACED CMU. | 7 | ATAS - SIAM BLUE |
| 2 | EXISTING CONC. STRUCTURE - CLEAN AND PAINT EXISTING EXTERIOR CONCRETE. | 8 | ATAS - SLATE BLUE |
| 3 | ATAS - BONE WHITE | 9 | ATAS - REGAL BLUE |
| 4 | ATAS - ASCOT WHITE | 10 | BERRIDGE FLAT PANEL COLOR: ZINC GREY |
| 5 | ATAS - DOVE GREY | | |
| 6 | ATAS - CUSTOM BLUE TO MATCH AU COLORS | | |
| 11 | REPLACE EXISTING WINDOW SCREENS | | |
| 12 | 48" ALUMINUM LETTERS, COLOR TO MATCH ATAS - SLATE BLUE | | |
| 13 | 18" ALUMINUM LETTERS, COLOR TO MATCH ATAS - DOVE GREY | | |
| 14 | EXISTING STOREFRONT | | |
| 15 | EXISTING COLUMNS | | |
| 16 | EXISTING SPLITFACE CMU WALL | | |
| 17 | EXISTING HVAC LOUVERS | | |
| 18 | HVAC LOUVER | | |
| 19 | PREFINISHED PREFABRICATED METAL CANOPY AS SPECIFIED | | |
- CJ --- CONTROL JOINT



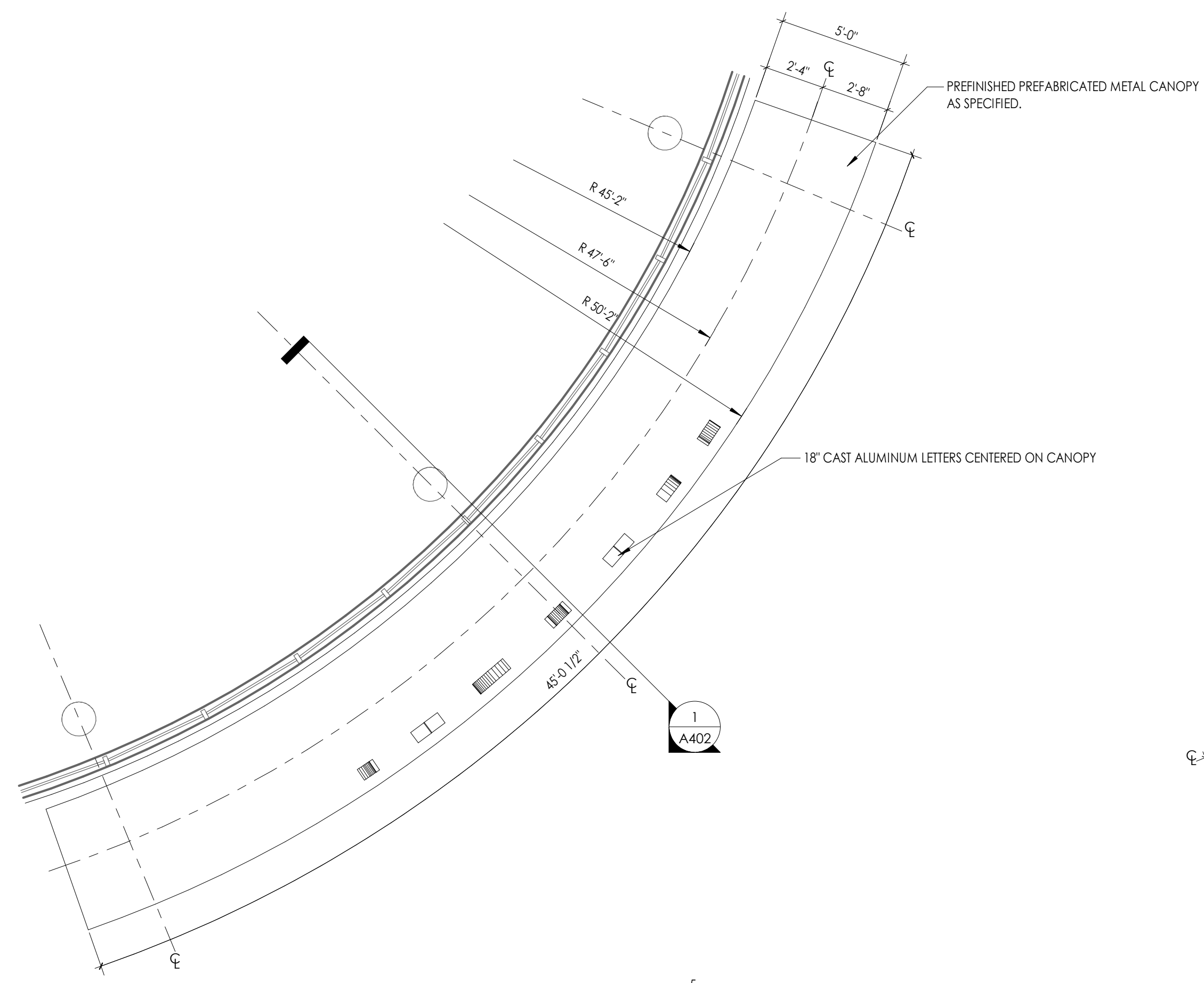
5 ATHLETIC ENTRY CANOPY ELEVATION
TRUE NORTH PROJECT NORTH
A250 1/4" = 1'-0"



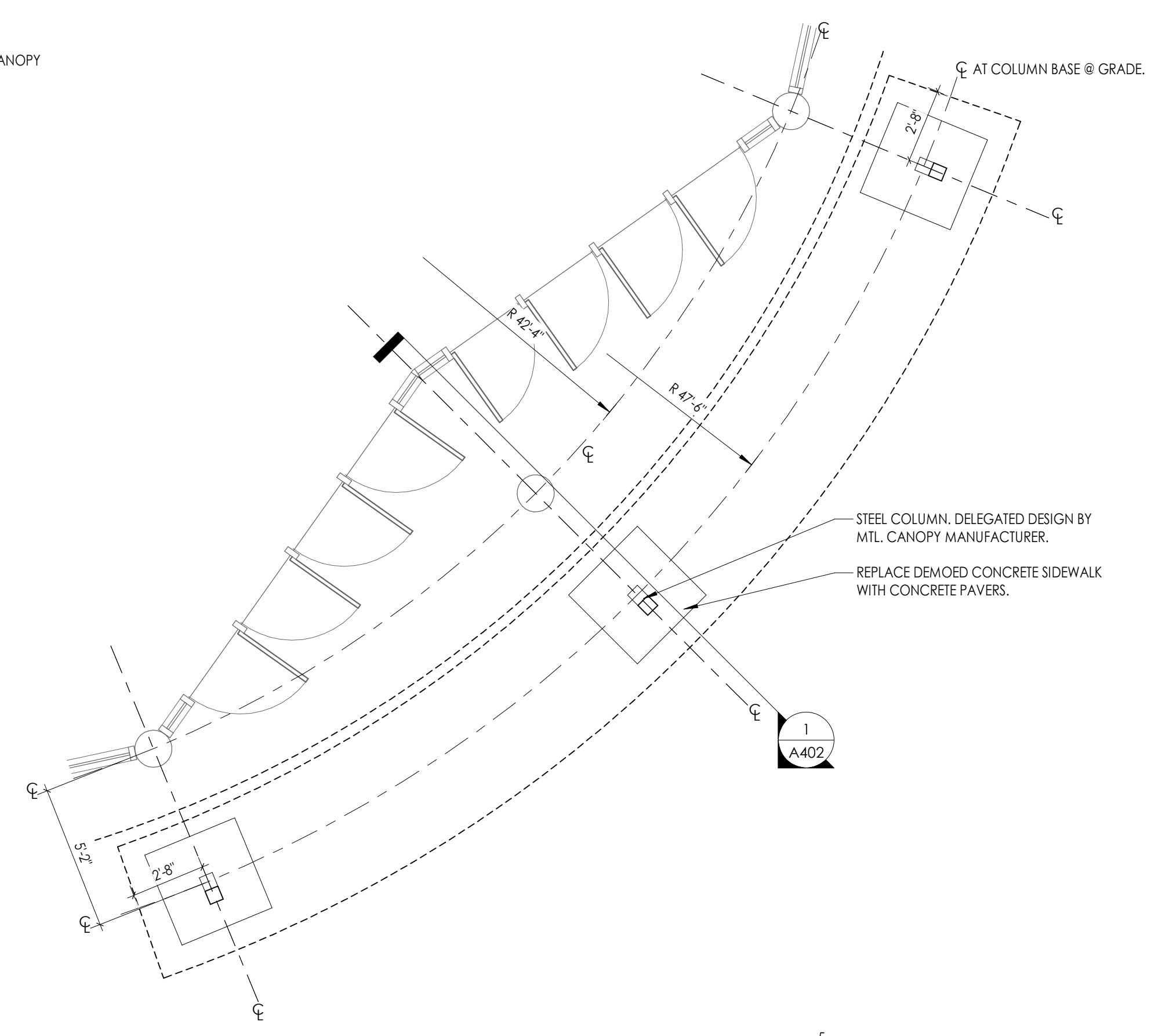
4 PRE-FAB CANOPY PLAN
TRUE NORTH PROJECT NORTH
A250 1/4" = 1'-0"



3 ATHLETIC ENTRY CANOPY RCP
TRUE NORTH PROJECT NORTH
A250 1/4" = 1'-0"



2 ATHLETIC ENTRY CANOPY ROOF PLAN
TRUE NORTH PROJECT NORTH
A250 1/4" = 1'-0"



1 ATHLETIC ENTRY CANOPY FLOOR PLAN
TRUE NORTH PROJECT NORTH
A250 1/4" = 1'-0"

1/17/2024 3:44:11 PM c:\project\locations\CD Design & Project Files\A250



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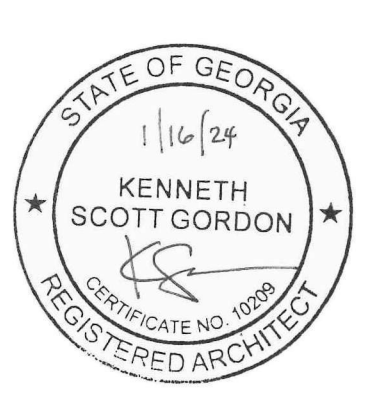
PROJECT INFORMATION

Project Number: R22-16686-00
Client Name: AUGUSTA UNIVERSITY
Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION
Project Address: 3109 Wrightsboro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Date: 09-25-2023
Scale: As indicated
Project Status: BID SET
Drawn By: CPL
Checked By: CPL
Drawing Title: BUILDING ELEVATIONS
Drawing Number:

A300

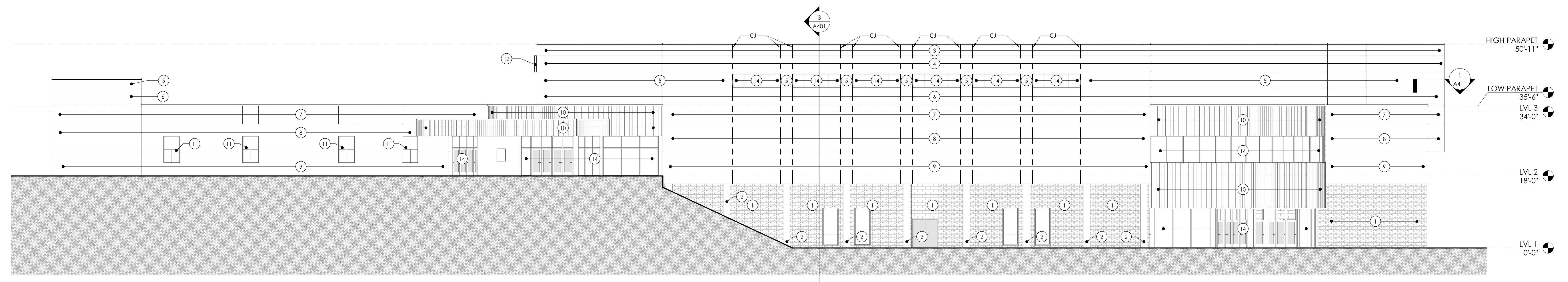
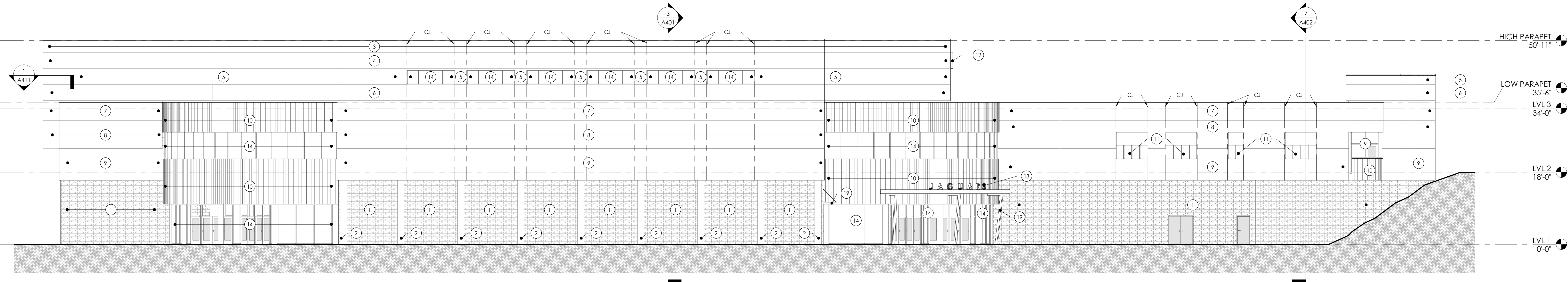
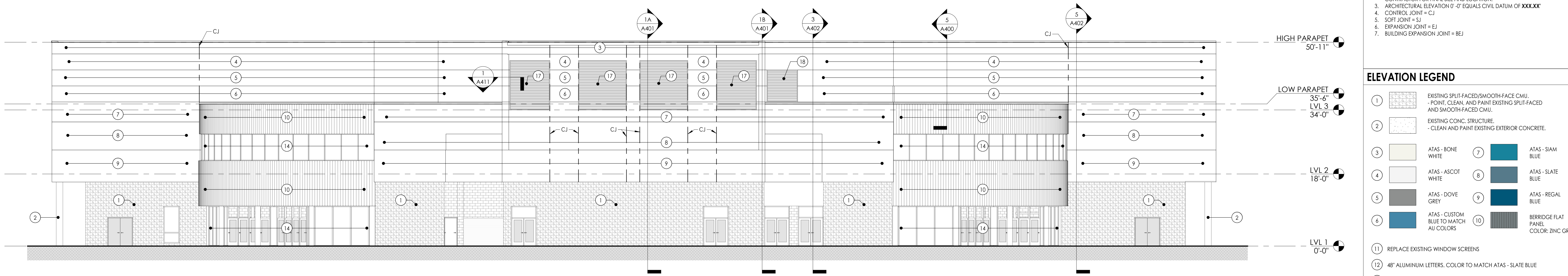
ELEVATION GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- PROVIDE ALL LOUVER OPENINGS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL SIZE AND LOCATION.
- ARCHITECTURAL ELEVATION 7'-0" EQUALS CIVIL DATUM OF XXX.XX'
- CONTROL JOINT = CJ
- SOFT JOINT = SJ
- EXPANSION JOINT = EJ
- BUILDING EXPANSION JOINT = BEJ

ELEVATION LEGEND

1	EXISTING SPLIT-FACED/SMOOTH-FACE CMU - POINT, CLEAN, AND PAINT EXISTING SPLIT-FACED AND SMOOTH-FACED CMU.	7	ATAS - SIAM BLUE
2	EXISTING CONC. STRUCTURE - CLEAN AND PAINT EXISTING EXTERIOR CONCRETE.	8	ATAS - SLATE BLUE
3	ATAS - BONE WHITE	9	ATAS - REGAL BLUE
4	ATAS - ASCOT WHITE	10	BERRIDGE FLAT PANEL COLOR: ZINC GREY
5	ATAS - DOVE GREY		
6	ATAS - CUSTOM BLUE TO MATCH AU COLORS		
11	REPLACE EXISTING WINDOW SCREENS		
12	48" ALUMINUM LETTERS, COLOR TO MATCH ATAS - SLATE BLUE		
13	18" ALUMINUM LETTERS, COLOR TO MATCH ATAS - DOVE GREY		
14	EXISTING STOREFRONT		
15	EXISTING COLUMNS		
16	EXISTING SPLITFACE CMU WALL		
17	EXISTING HVAC LOUVERS		
18	HVAC LOUVER		
19	PREFINISHED PREFABRICATED METAL CANOPY AS SPECIFIED		

--- CJ --- CONTROL JOINT



1/17/2024 3:44:15 PM c:\projects\locations\CD Design & Project Files\A300



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AUGUSTA UNIVERSITY

PROJECT INFORMATION

Project Number: R22.16686.00
Client Name: **AUGUSTA UNIVERSITY**

Project Name: **J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION**

Project Address: 3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 09-25-2023 Scale: As indicated
Project Status: BID SET
Drawn By: Author Checked By: Checker
Drawing Title: **BUILDING ELEVATIONS**

Drawing Number

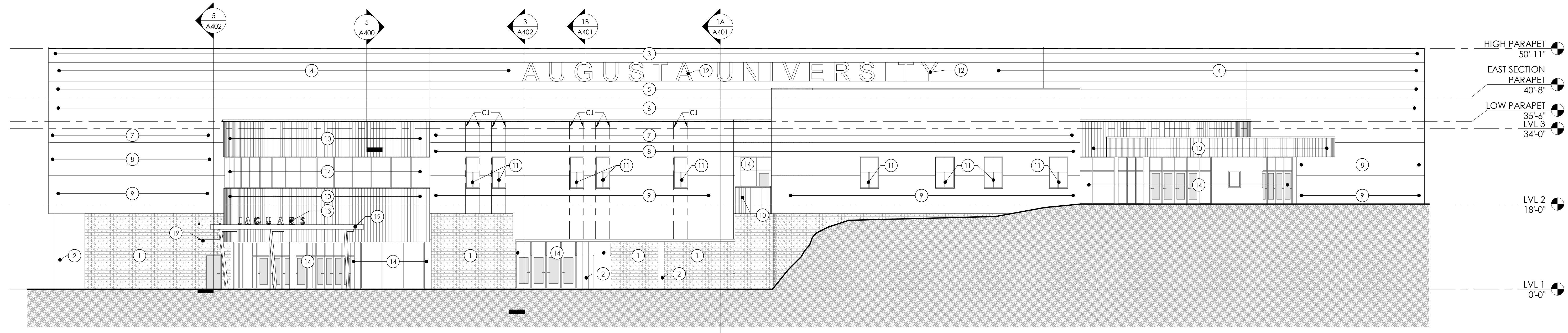
A301

ELEVATION GENERAL NOTES

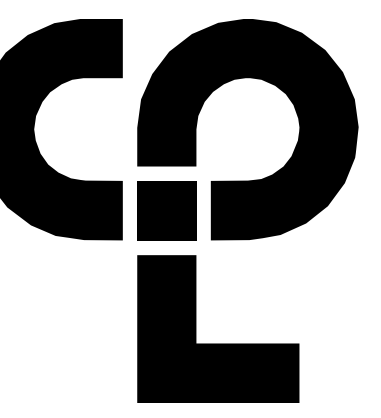
1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. PROVIDE ALL LOUVER OPENINGS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL SIZE AND LOCATION.
3. ARCHITECTURAL ELEVATION 1/4" = EQUALS CIVIL DATUM OF XXX.XX'
4. CONTROL JOINT = CJ
5. SOFT JOINT = SJ
6. EXPANSION JOINT = EJ
7. BUILDING EXPANSION JOINT = BEJ

ELEVATION LEGEND

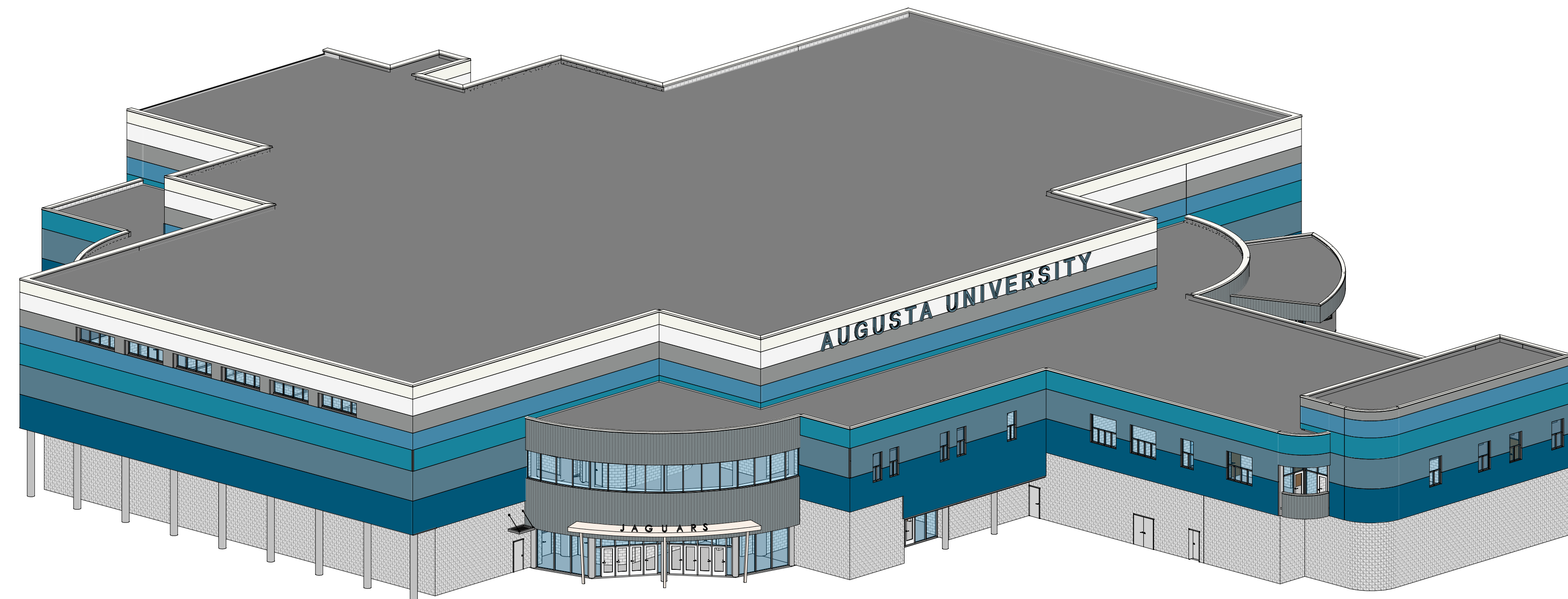
- | | | | |
|----|---|----|--------------------------------------|
| 1 | EXISTING SPLIT-FACED/SMOOTH-FACE CMU - POINT, CLEAN, AND PAINT EXISTING SPLIT-FACED AND SMOOTH-FACED CMU. | 7 | ATAS - SIAM BLUE |
| 2 | EXISTING CONC. STRUCTURE - CLEAN AND PAINT EXISTING EXTERIOR CONCRETE. | 8 | ATAS - SLATE BLUE |
| 3 | ATAS - BONE WHITE | 9 | ATAS - REGAL BLUE |
| 4 | ATAS - ASCOT WHITE | 10 | BERRIDGE FLAT PANEL COLOR: ZINC GREY |
| 5 | ATAS - DOVE GREY | | |
| 6 | ATAS - CUSTOM BLUE TO MATCH AU COLORS | | |
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| 16 | EXISTING SPLITFACE CMU WALL | | |
| 17 | EXISTING HVAC LOUVERS | | |
| 18 | HVAC LOUVER | | |
| 19 | PREFINISHED PREFABRICATED METAL CANOPY AS SPECIFIED | | |
- CJ - CONTROL JOINT



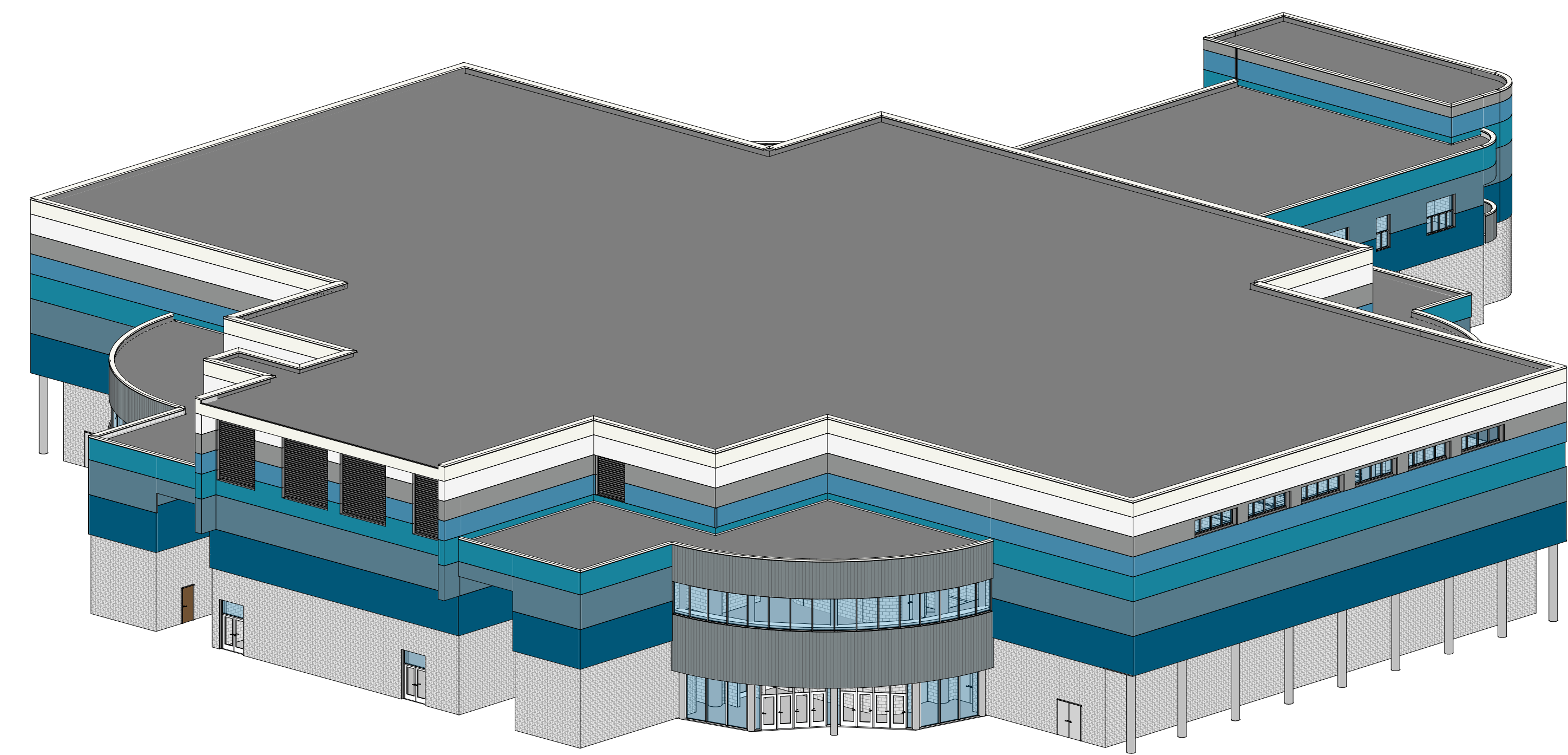
1 WEST ELEVATION
A301 3/32" = 1'-0"



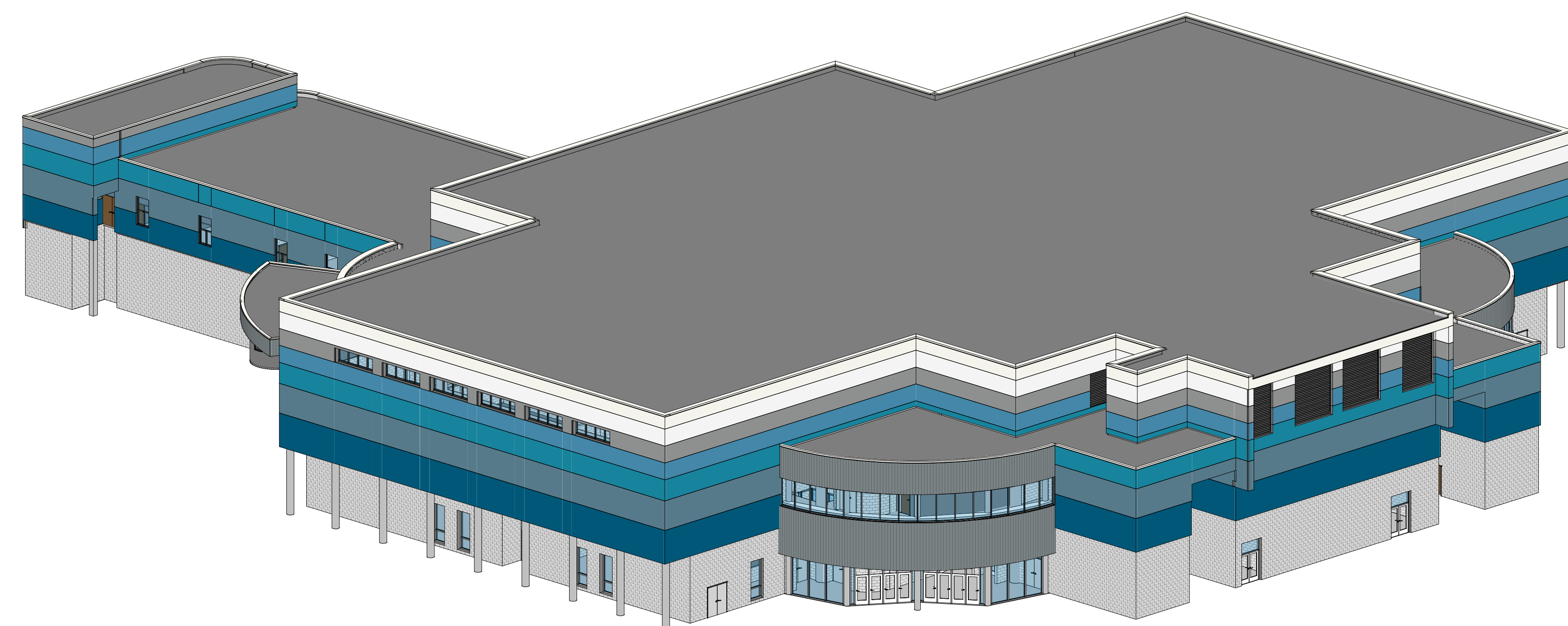
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Woodstock, GA 30189
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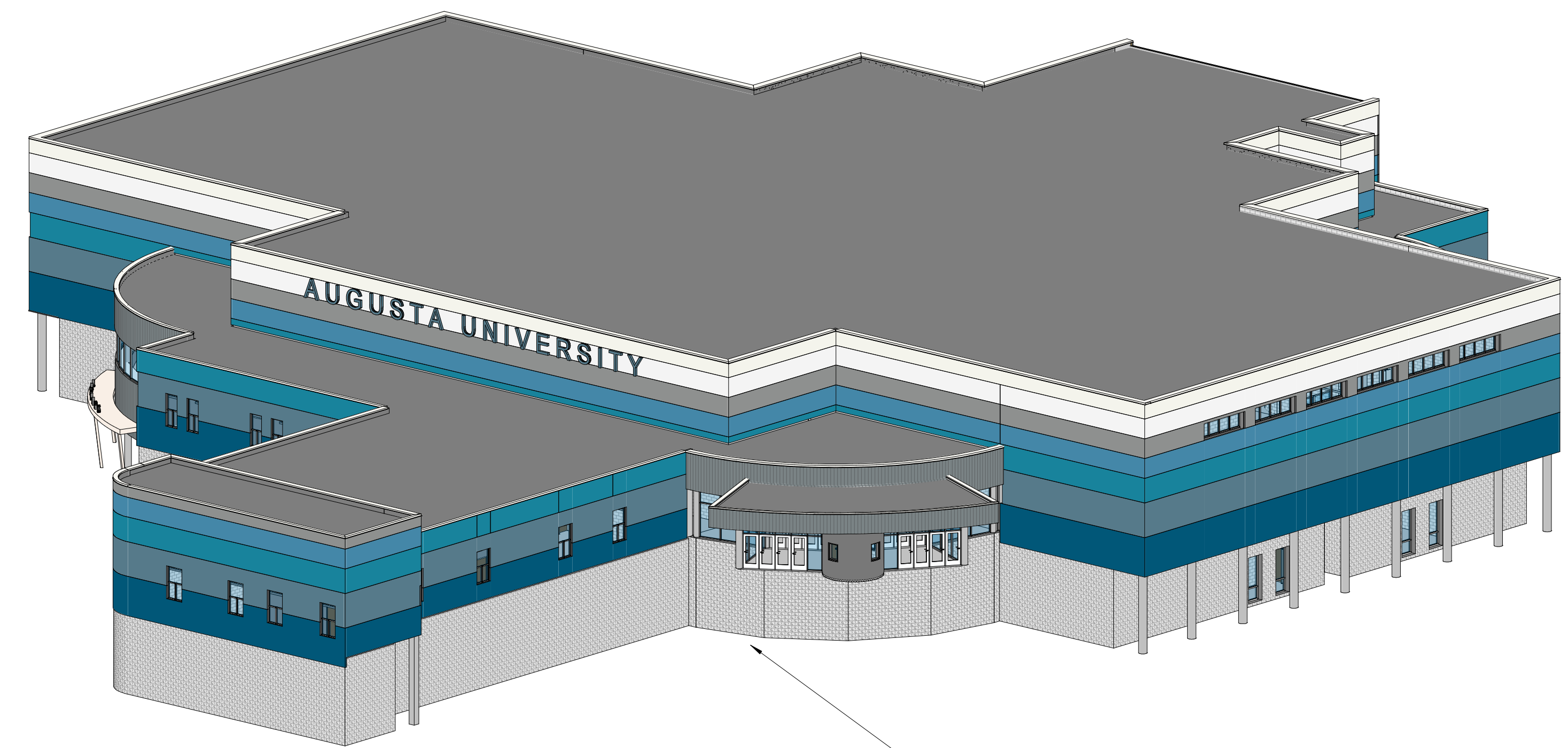
2 ISOMETRIC VIEW - SOUTH EAST CORNER
A320 NTS



1 ISOMETRIC VIEW - SOUTH WEST CORNER
A320 NTS



4 ISOMETRIC VIEW - NORTH WEST CORNER
A320 NTS



3 ISOMETRIC VIEW - NORTH EAST CORNER
A320 NTS

DEDUCT ALTERNATE #1.
SEE SHEET A320 FOR CANOPY DESIGN TO BE
CONSTRUCTED AT MAIN ENTRANCE.
MODIFY CANOPY DESIGN TO PROVIDE
ADDITIONAL 1/2" ALUMINUM LETTERS
COMPARED TO WHAT IS DEPICTED ON
SHEET A250, LETTERING TO READ
"CHRISTENBERRY FIELD HOUSE"

PROJECT INFORMATION

Project Number: R22.16686.00
Client Name: AUGUSTA UNIVERSITY
Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION
Project Address: 3109 Wightshoro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

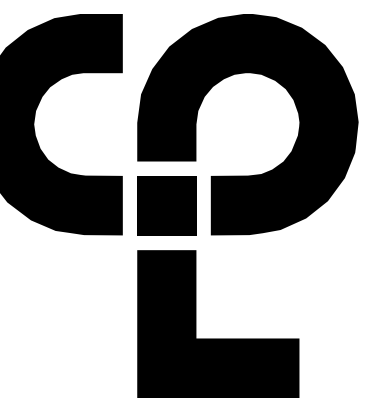
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Project Status: BID SET
Drawn By: Author
Checked By: Checker
Drawing Title: ISOMETRIC VIEWS

Drawing Number

A320

WALL SECTION & DETAIL GENERAL NOTES

1. DEMO WALL SECTIONS AND DETAILS SHOW THE ANTICIPATED EXTENT OF DEMOLITION AS WELL AS THE ANTICIPATED NEW WORK ITEMS FOR REPLACING EXISTING MATERIALS OR REBORFITTING EXISTING MATERIALS.
2. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH OCCUR WITHIN THE CONTRACT DOCUMENTS PRIOR TO THE ORDERING OF MATERIALS OR EXECUTION OF THE WORK.



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AUGUSTA UNIVERSITY

PROJECT INFORMATION

Project Number: R22.16686.00

Client Name: AUGUSTA UNIVERSITY

Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

Project Address: 3109 Wightsboro Road, Augusta, GA 30909

Project Issue & Revision Schedule

No. Date Description

1 04-01-2023 DD SUBMITTAL

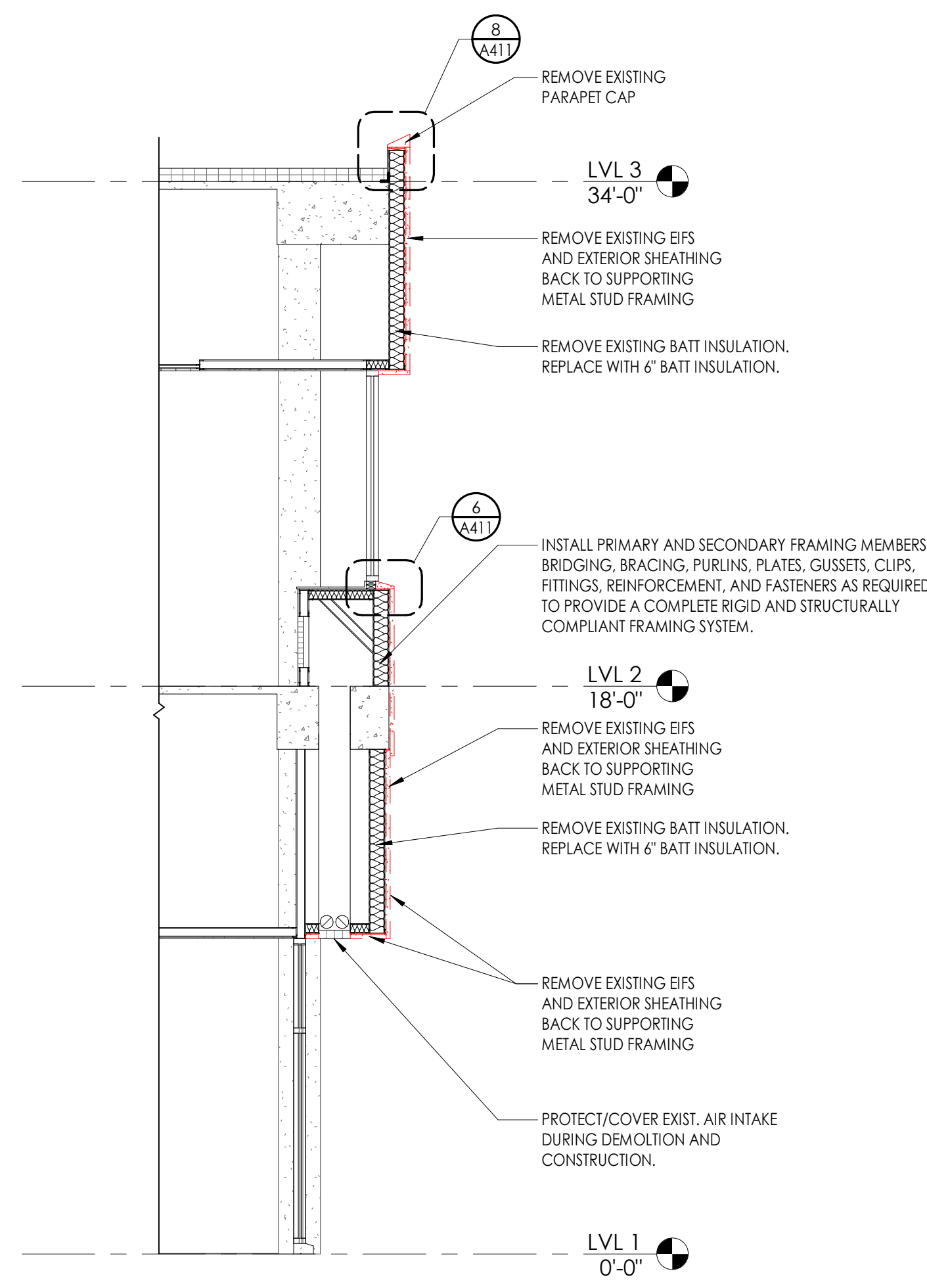
2 06-30-2023 70% CD SUBMITTAL

3 07-12-2023 CD SUBMITTAL

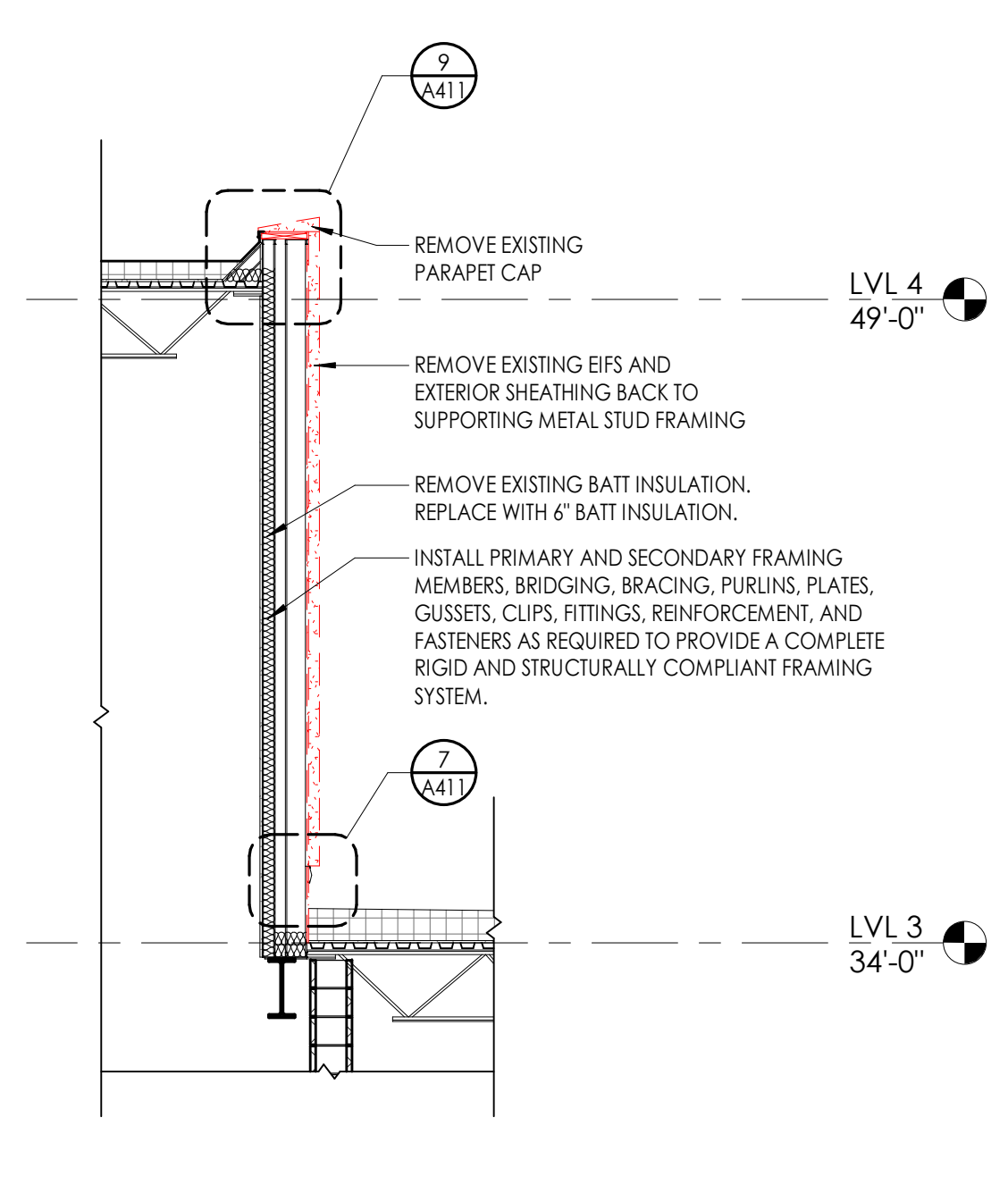
4 08-25-2023 PERMIT SET

5 09-25-2023 BID SET

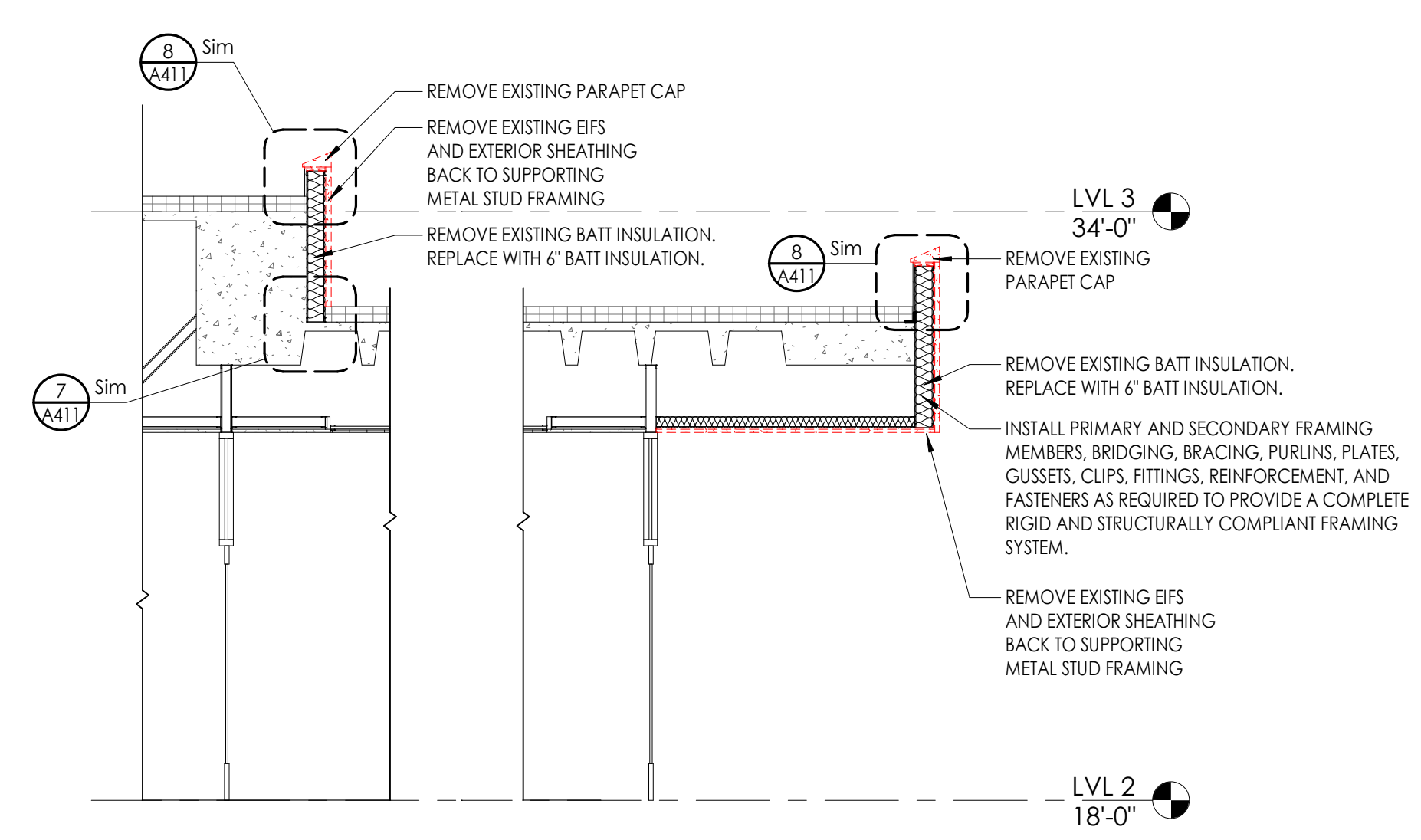
6 01-16-2024 BID SET



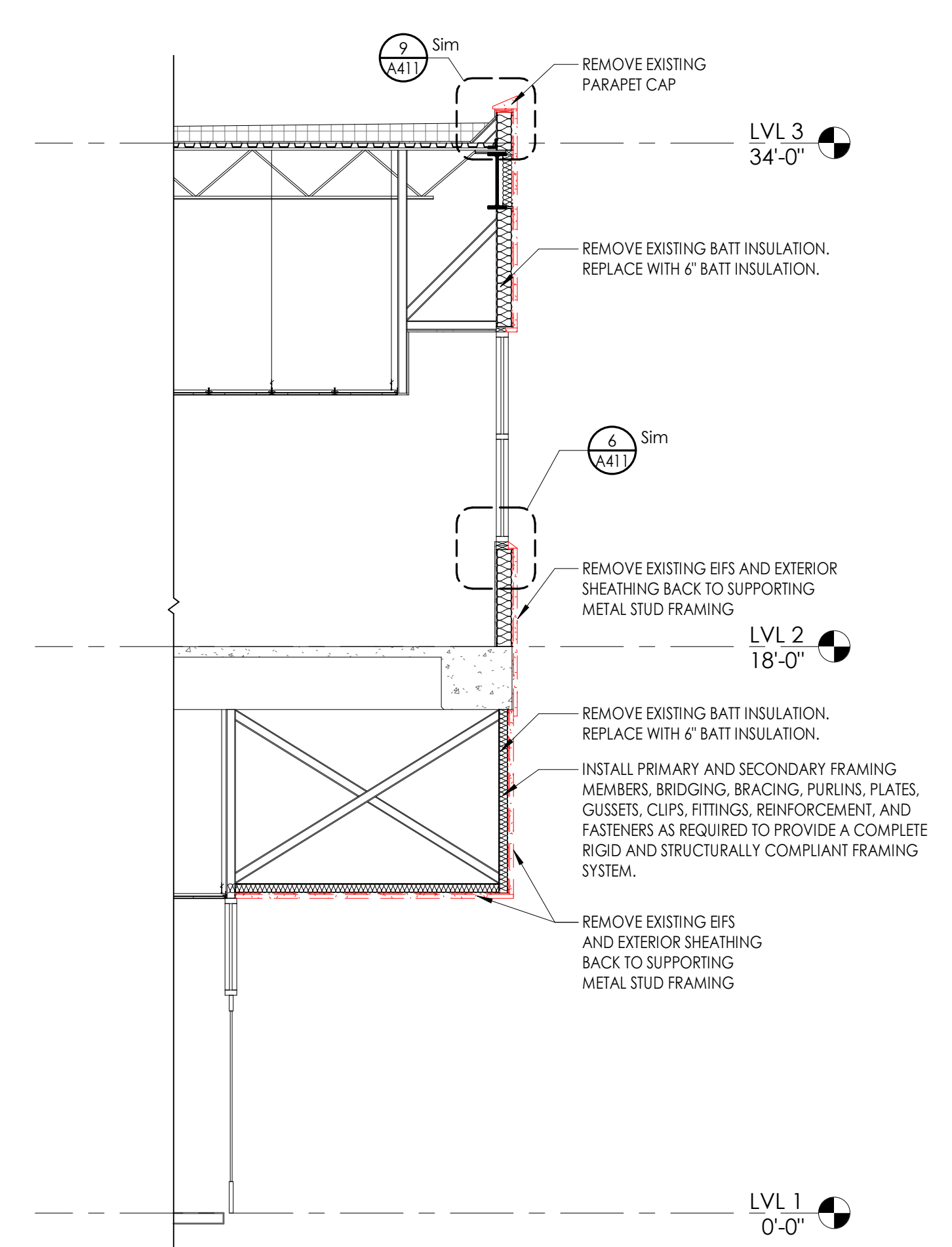
8 DEMO WALL SECTION - SE LOBBY
A400 1/4" = 1'-0"



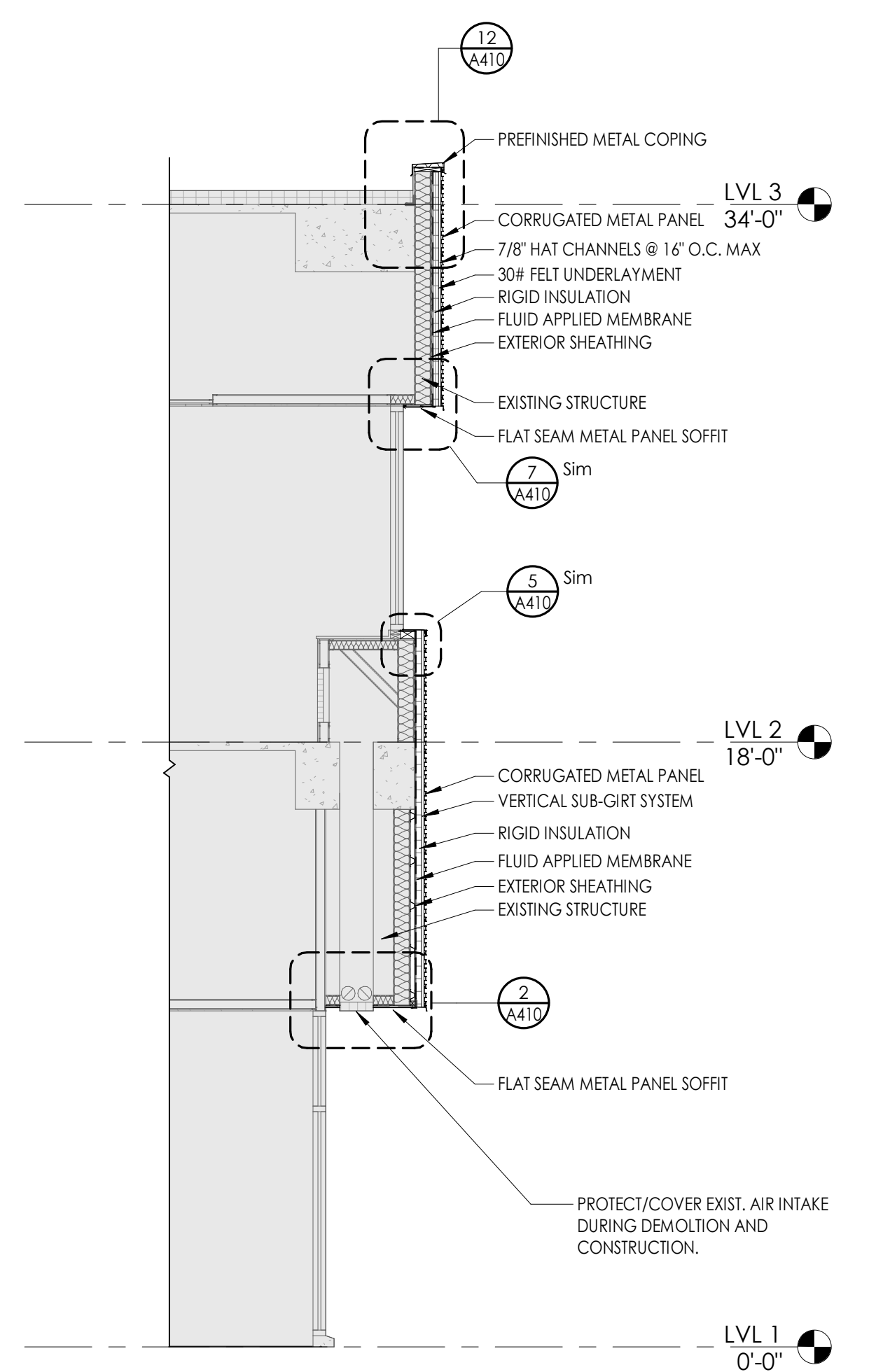
6 DEMO SECTION - ROOF TRANSITION
A400 1/4" = 1'-0"



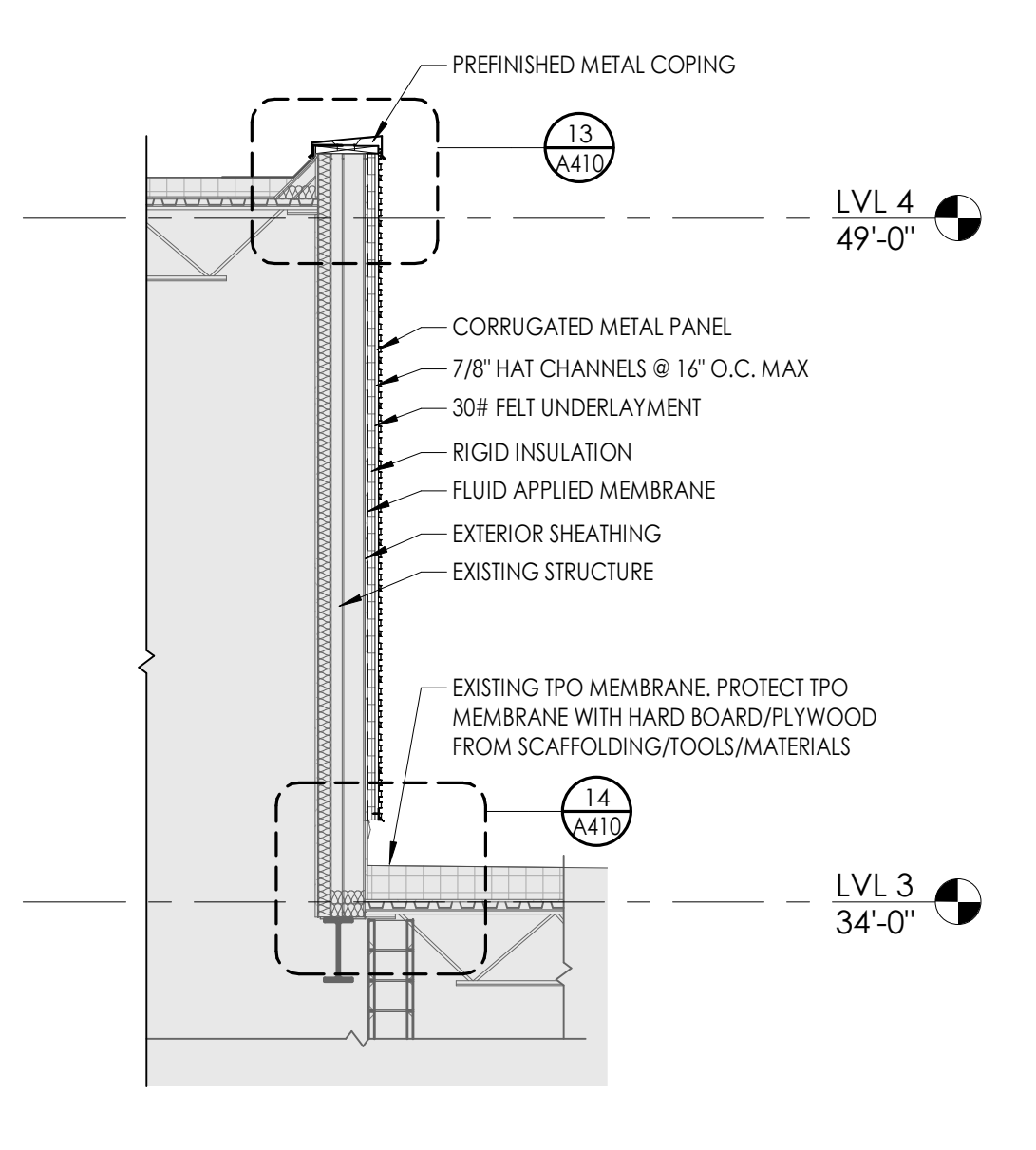
4 DEMO WALL SECTION - MAIN ENTRANCE
A400 1/4" = 1'-0"



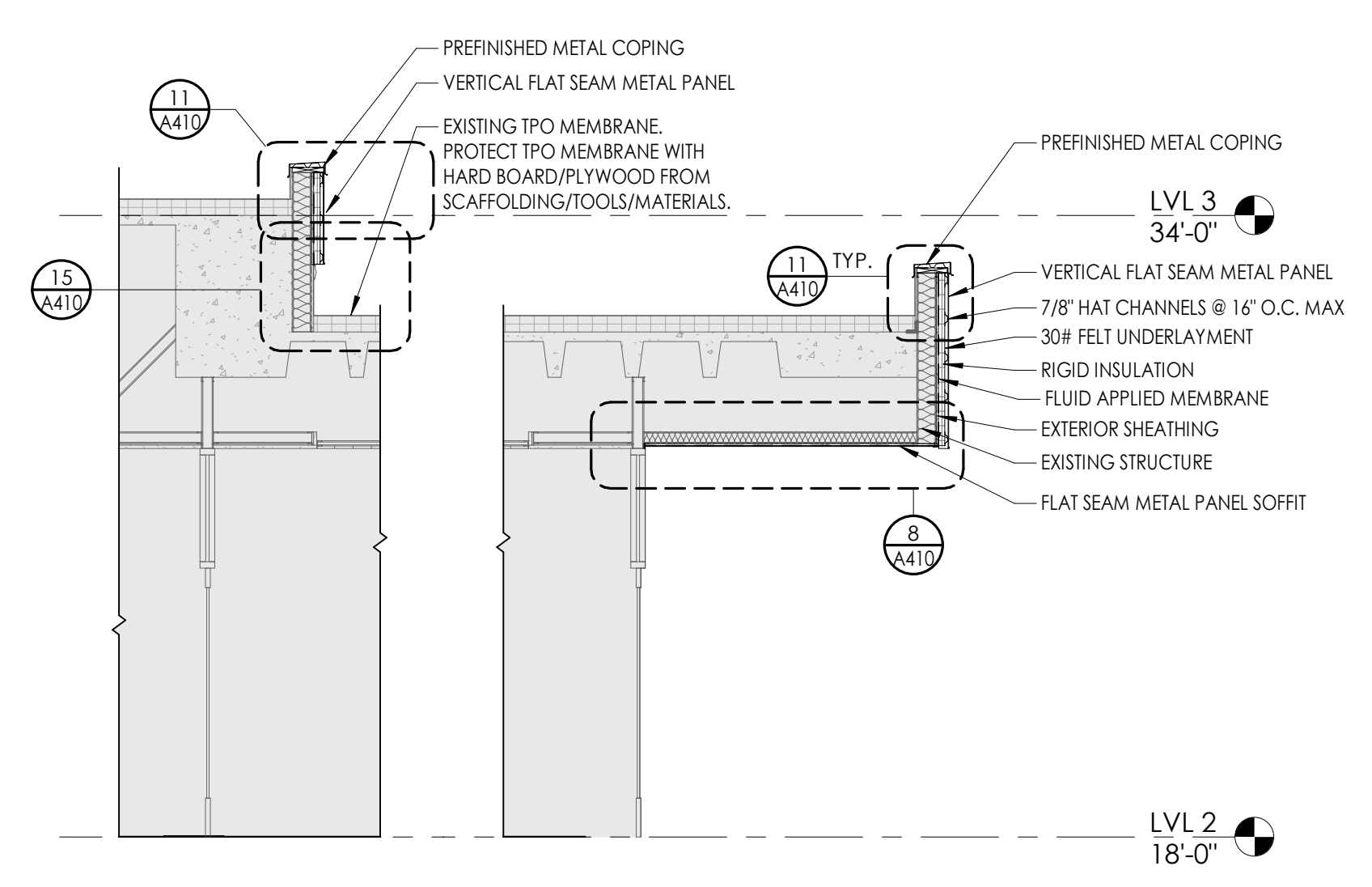
2 DEMO WALL SECTION - EASTERN FACADE
A400 1/4" = 1'-0"



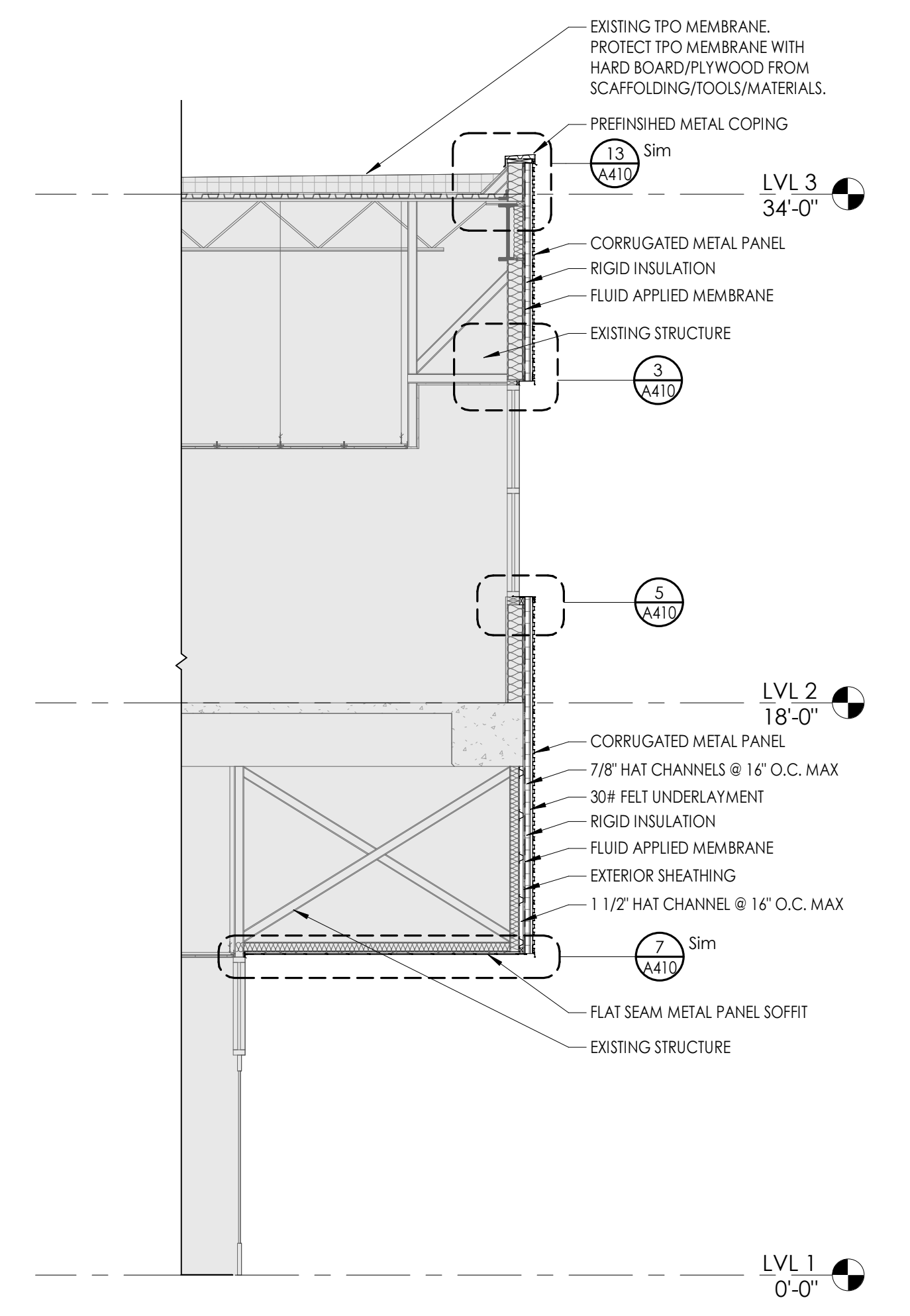
7 WALL SECTION - SE LOBBY
A400 1/4" = 1'-0"



5 WALL SECTION - ROOF TRANSITION
A400 1/4" = 1'-0"



3 WALL SECTION - MAIN ENTRANCE
A400 1/4" = 1'-0"



1 WALL SECTION - EASTERN FACADE
A400 1/4" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

Name: Scale: As indicated

Project Status: BID SET

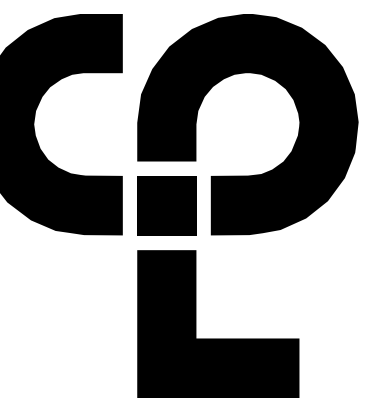
Author: Checked By: Checker

Drawing Title: WALL SECTIONS

Drawing Number:

WALL SECTION & DETAIL GENERAL NOTES

1. DEMO WALL SECTIONS AND DETAILS SHOW THE ANTICIPATED EXTENT OF DEMOLITION AS WELL AS THE ANTICIPATED NEW WORK ITEMS FOR REPLACING EXISTING MATERIALS OR RETROFITTING EXISTING MATERIALS.
2. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH OCCUR WITHIN THE CONTRACT DOCUMENTS PRIOR TO THE ORDERING OF MATERIALS OR EXECUTION OF THE WORK.



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AUGUSTA UNIVERSITY

PROJECT INFORMATION

Project Number: R22.16688.00
Client Name: AUGUSTA UNIVERSITY

Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

Project Address: 3109 Wightboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

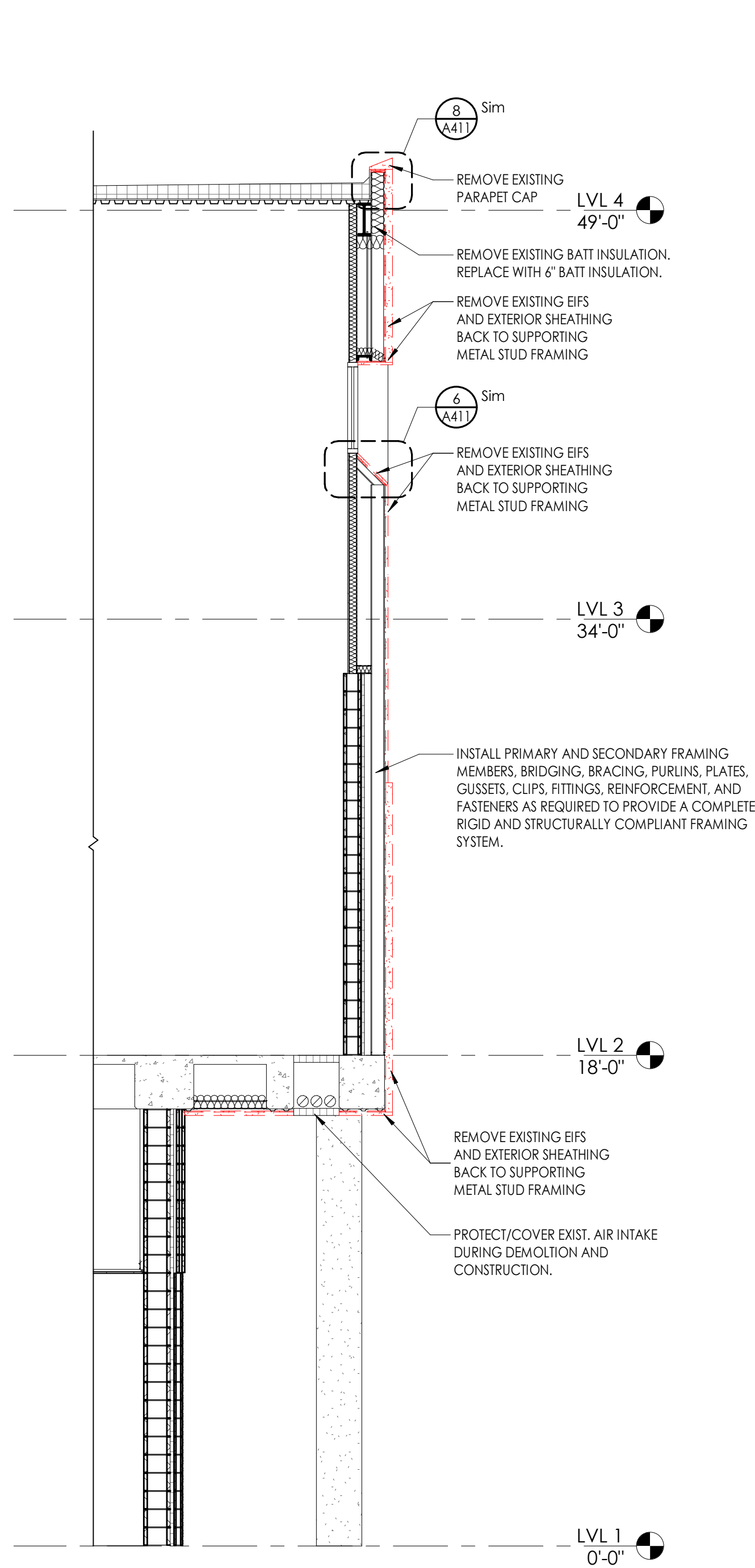
No.	Date	Description
1	04-01-2023	DD SUBMITTAL
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS

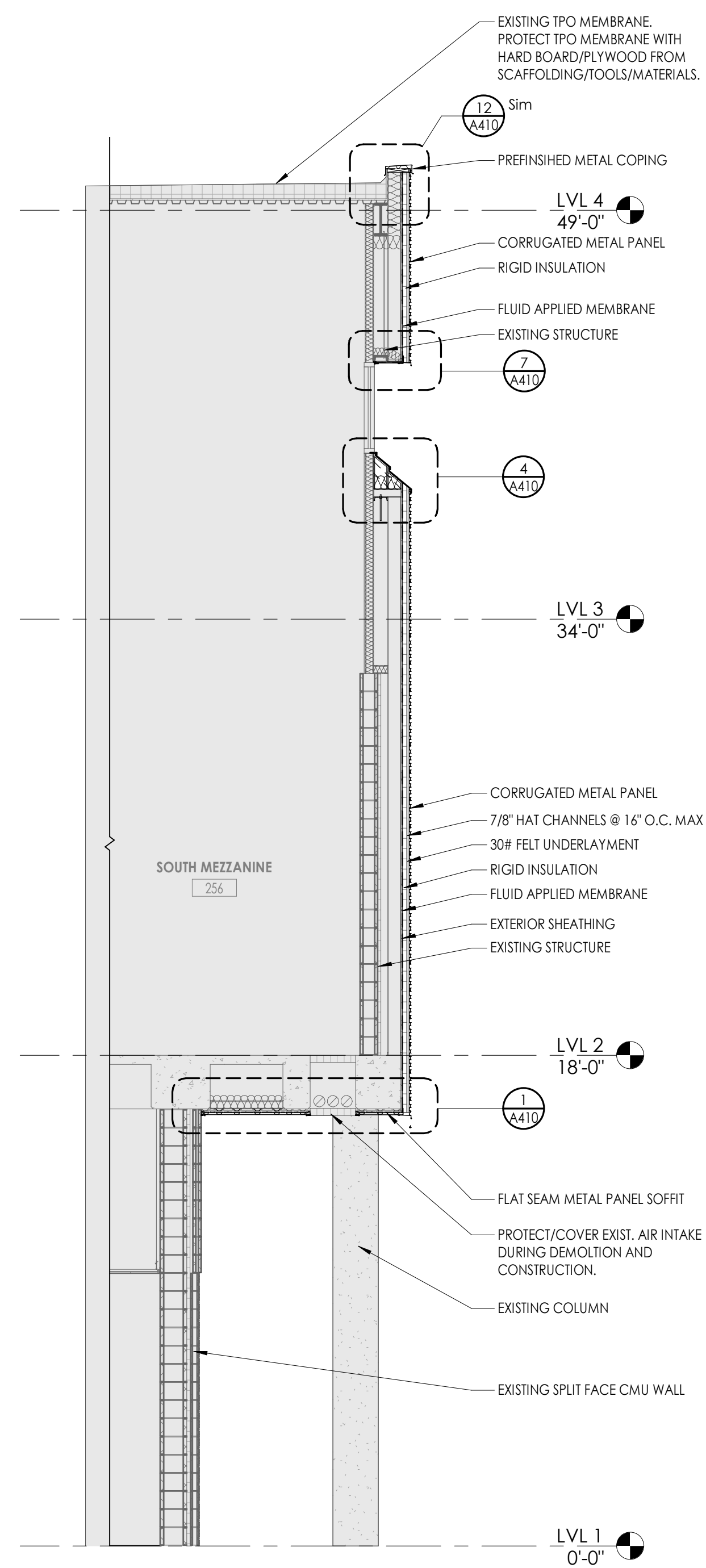


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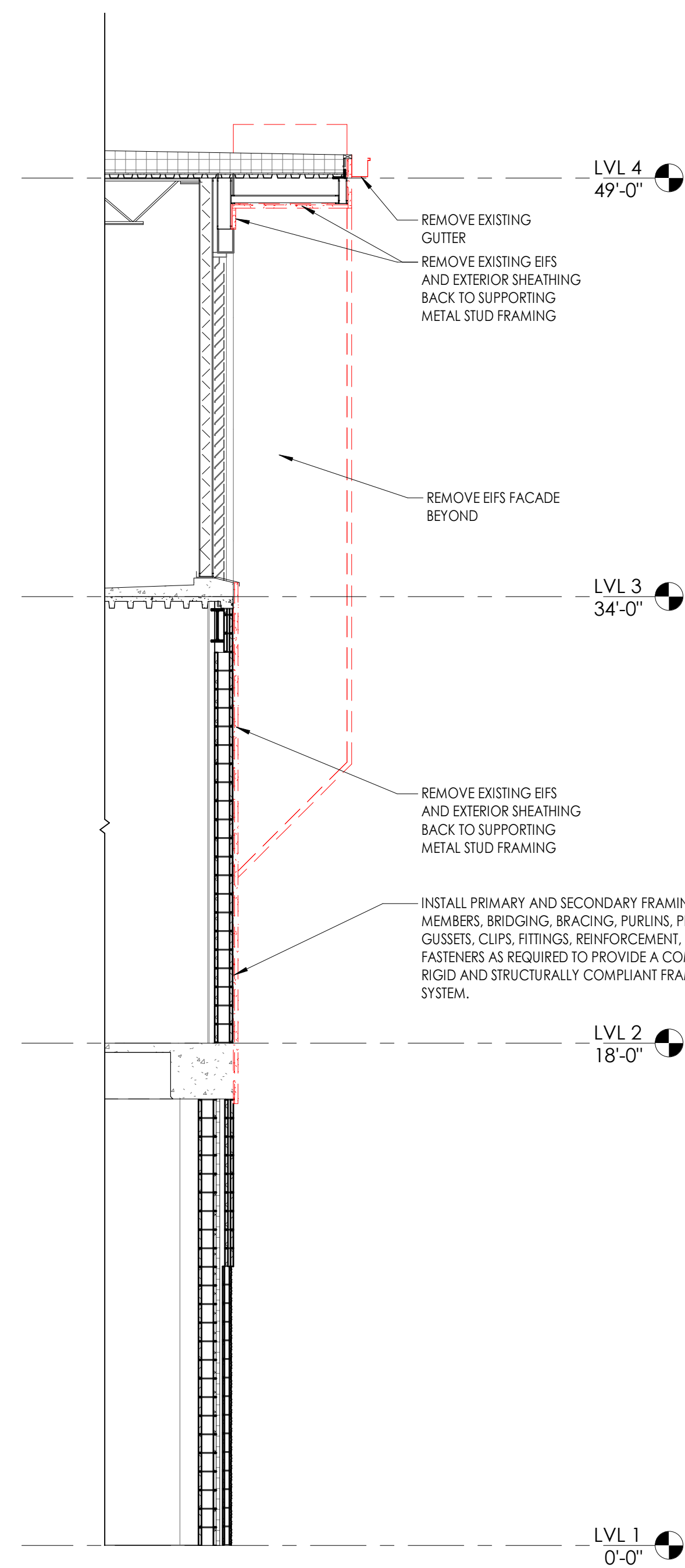
Issue: 09-25-2023
Project Status: BID SET
Scale: As indicated
Author: [Name]
Checked By: [Name]
Drawing Title: WALL SECTIONS
Drawing Number:



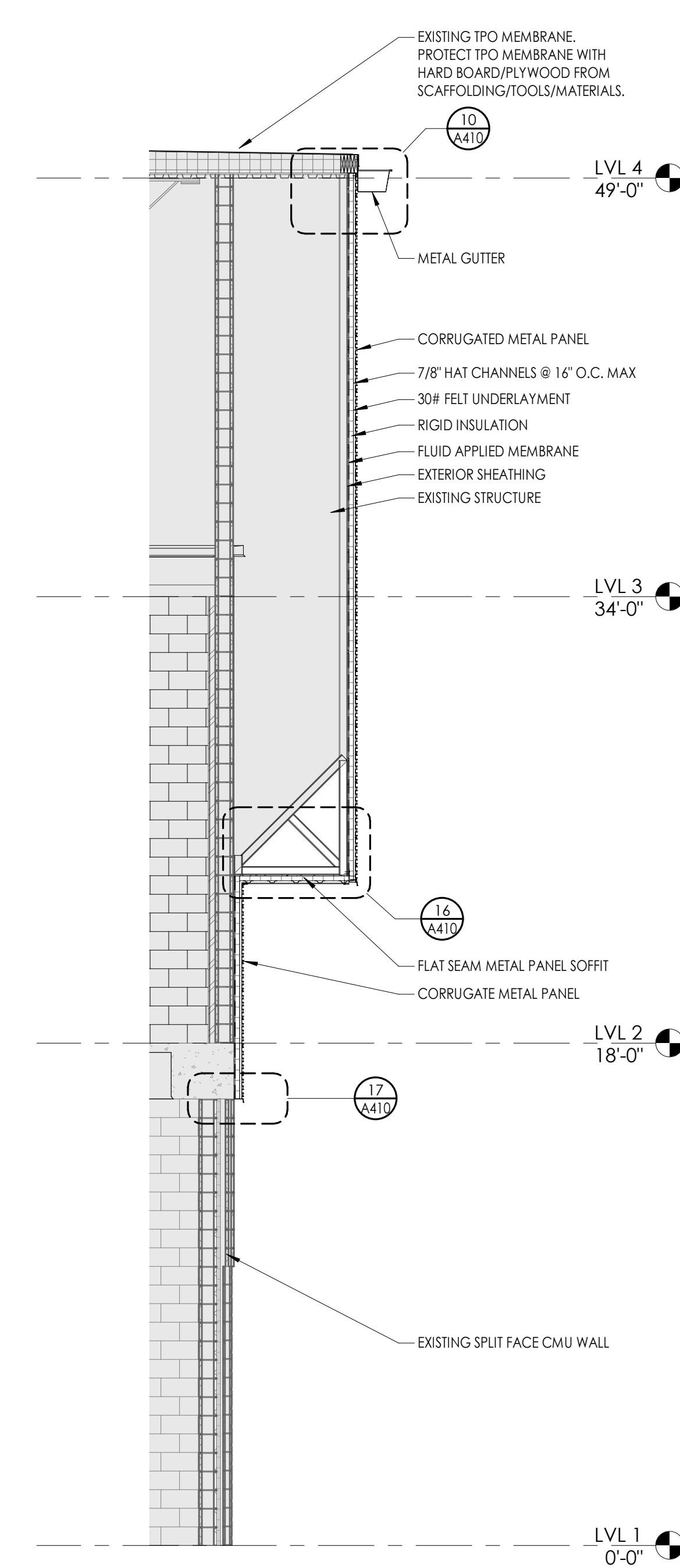
4 DEMO WALL SECTION - SOUTH WALL
A401 1/4" = 1'-0"



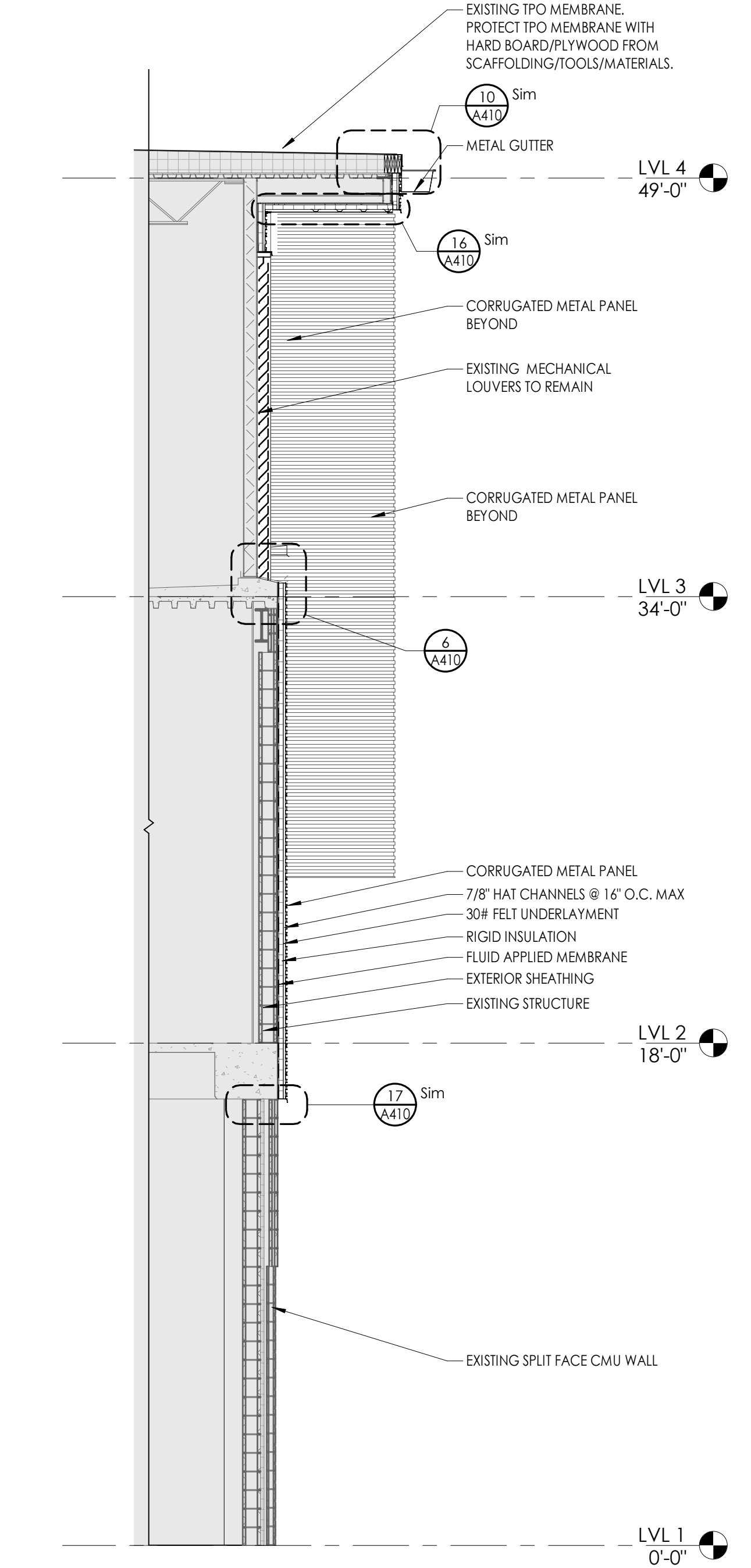
3 WALL SECTION - SOUTH WALL
A401 1/4" = 1'-0"



2 DEMO WALL SECTION - WEST WALL (THROUGH LOUVER)
A401 1/4" = 1'-0"



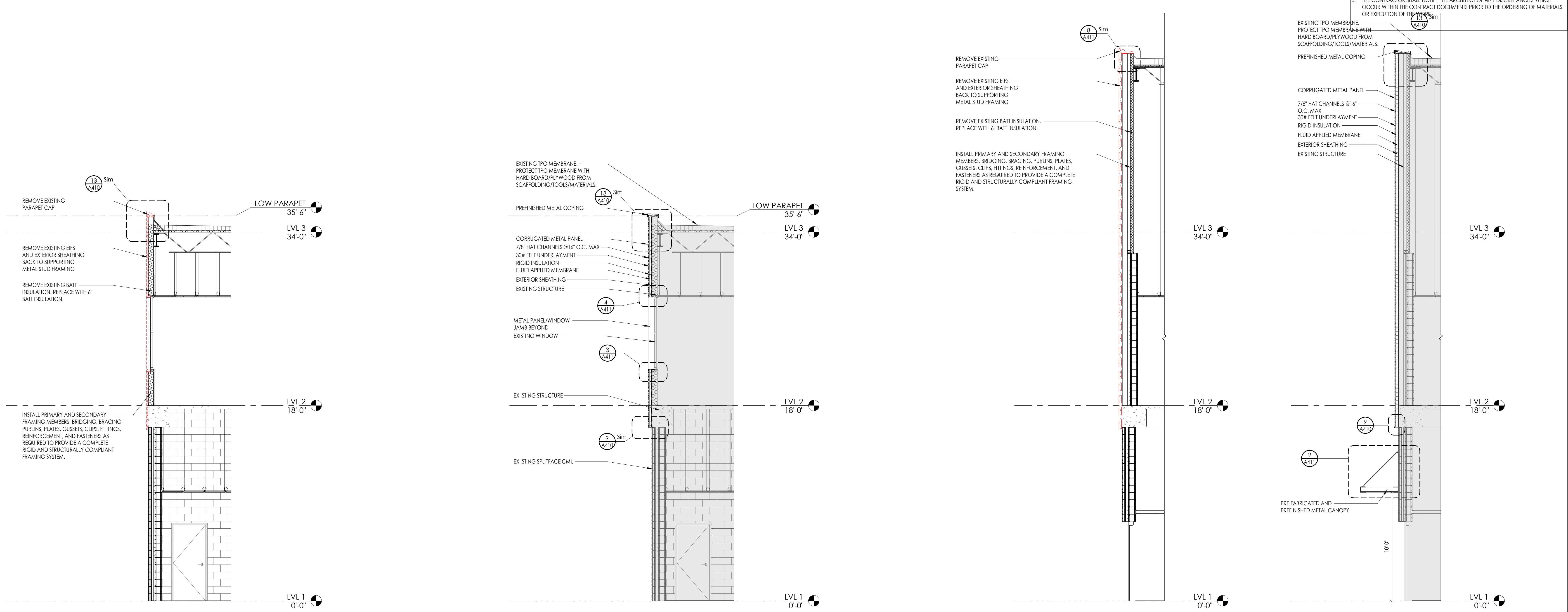
1B WALL SECTION - WEST WALL (THROUGH FIN)
A401 1/4" = 1'-0"



1A WALL SECTION - WEST WALL (THROUGH LOUVER)
A401 1/4" = 1'-0"

WALL SECTION & DETAIL GENERAL NOTES

1. DEMO WALL SECTIONS AND DETAILS SHOW THE ANTICIPATED EXTENT OF DEMOLITION AS WELL AS THE ANTICIPATED NEW WORK ITEMS FOR REPLACING EXISTING MATERIALS OR REINFORCING EXISTING MATERIALS.
2. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH OCCUR WITHIN THE CONTRACT DOCUMENTS PRIOR TO THE ORDERING OF MATERIALS OR EXECUTION OF THE WORK.



8 DEMO WALL SECTION - OFFICE WINDOW
 1/4" = 1'-0"

7 WALL SECTION - OFFICE WINDOW
 1/4" = 1'-0"

6 DEMO WALL SECTION - CANOPY @ SIDE ENTRY
 1/4" = 1'-0"

5 WALL SECTION - CANOPY @ SIDE ENTRY
 1/4" = 1'-0"

4 DEMO WALL SECTION - MULTI SOFFIT CONDITION
 1/4" = 1'-0"

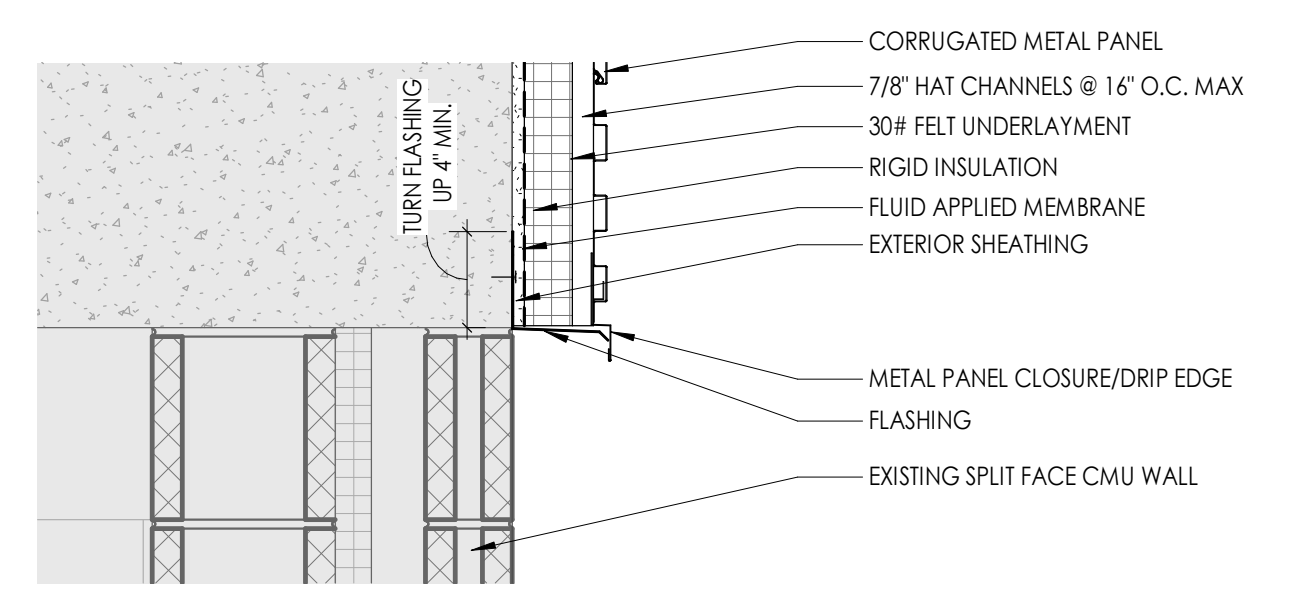
3 WALL SECTION - MULTI SOFFIT CONDITION
 1/4" = 1'-0"

2 DEMO WALL SECTION - CANOPY @ SPORTS ENTRY
 1/4" = 1'-0"

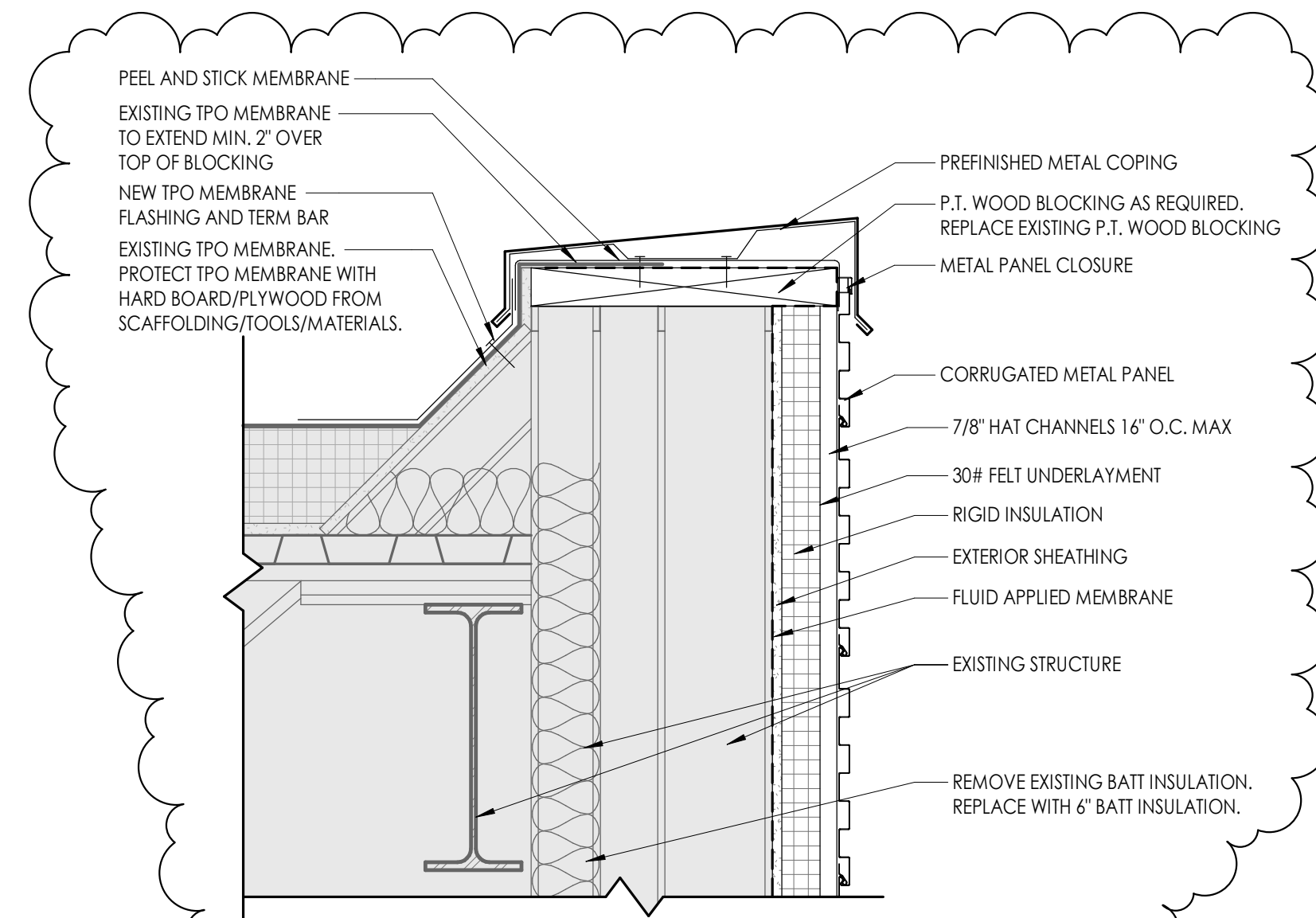
1 WALL SECTION - CANOPY @ SPORTS ENTRY
 1/4" = 1'-0"

WALL SECTION & DETAIL GENERAL NOTES

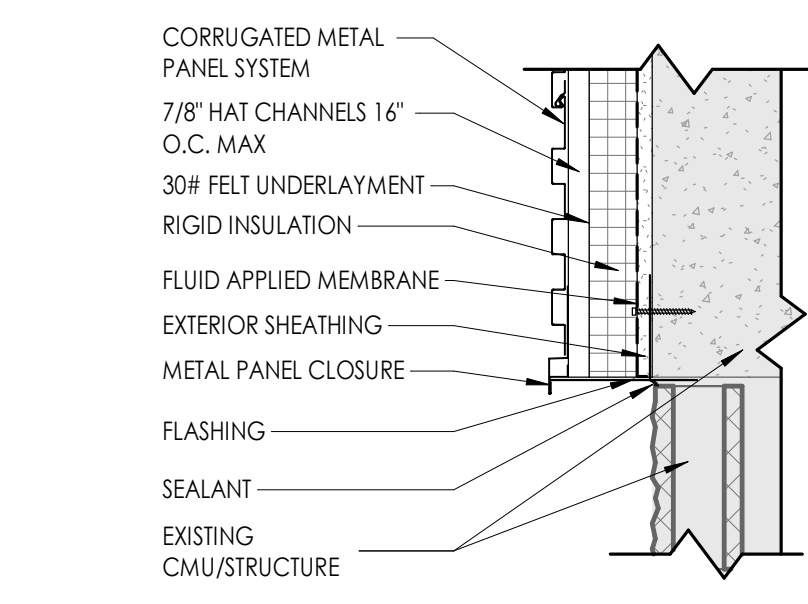
1. DEMO WALL SECTIONS AND DETAILS SHOW THE ANTICIPATED EXTENT OF DEMOLITION AS WELL AS THE ANTICIPATED NEW WORK ITEMS FOR REPLACING EXISTING MATERIALS OR REBORFITTING EXISTING MATERIALS.
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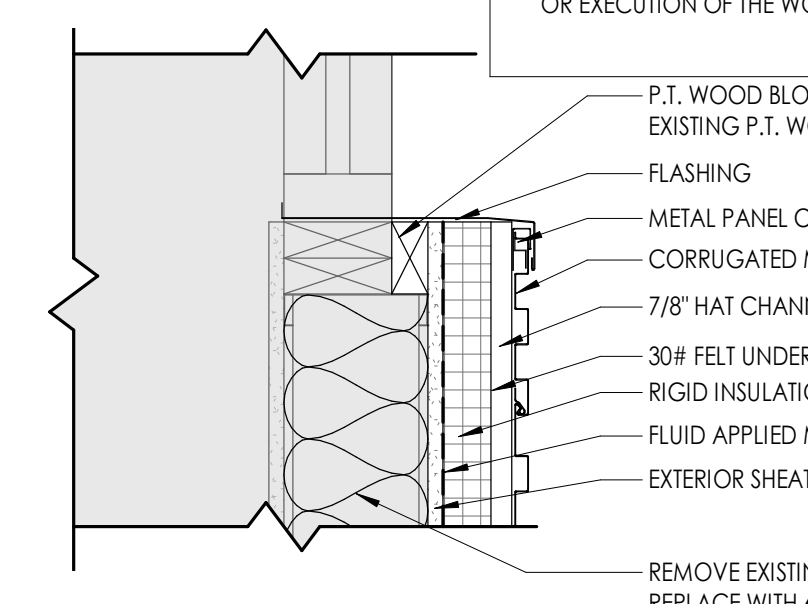
17 CORRUGATED METAL PANEL END CAP
 A410 1 1/2" = 1'-0"



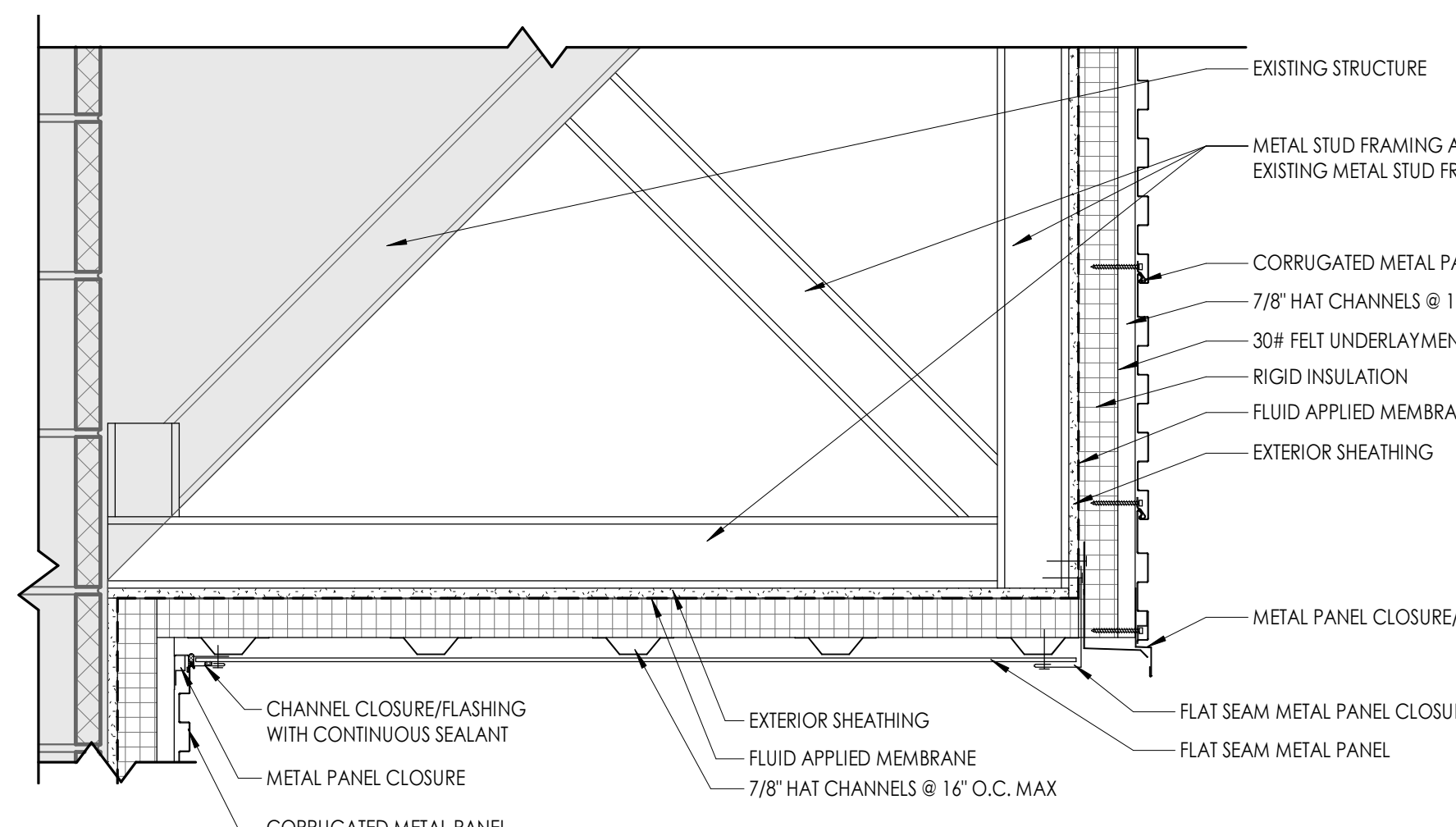
13 METAL PANEL AT COPING CONDITON 2
 A410 1 1/2" = 1'-0"



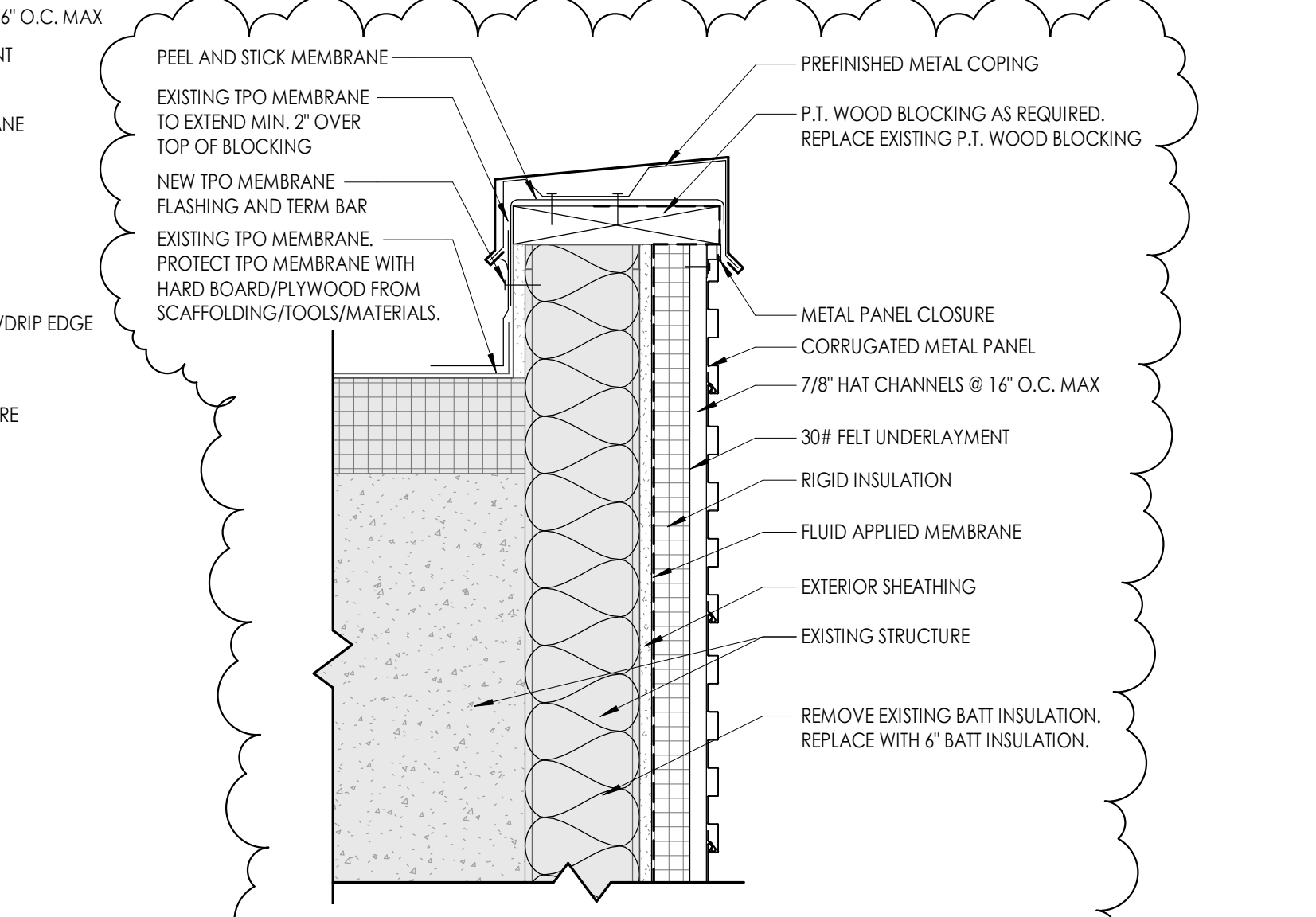
9 METAL PANEL MID-WALL FLASHING
 A410 1 1/2" = 1'-0"



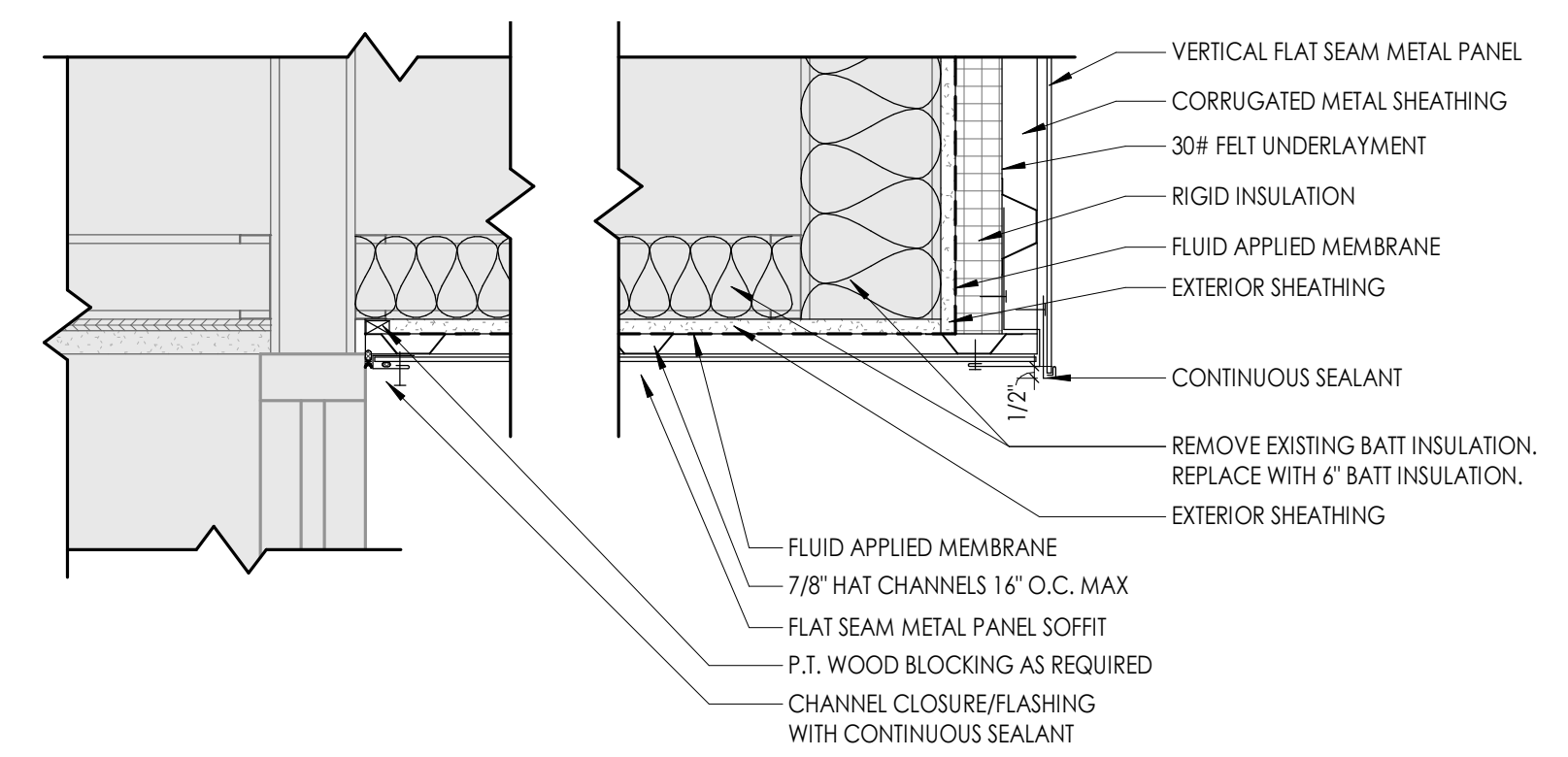
5 METAL PANEL AT WINDOW SILL
 A410 1 1/2" = 1'-0"



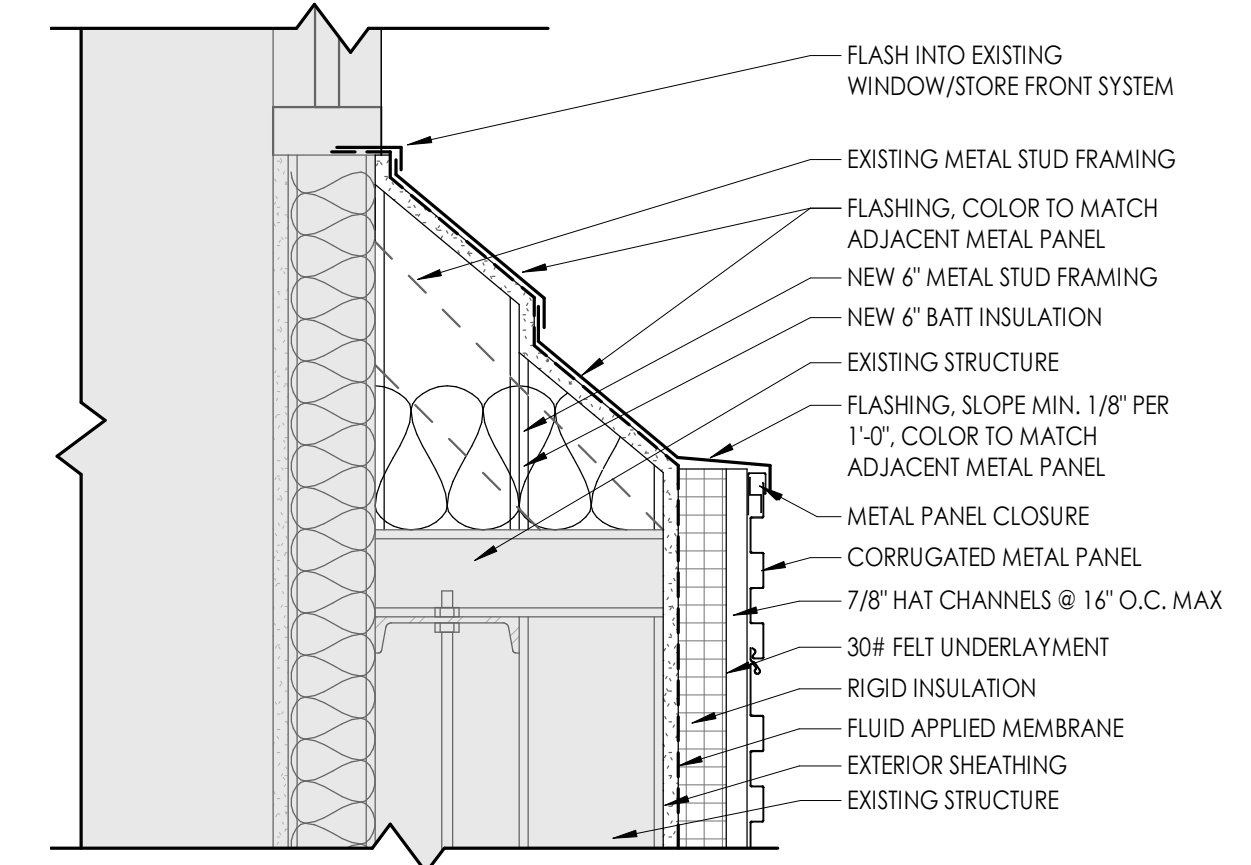
16 FLAT SEAM METAL PANEL TO METAL PANEL TRANSITION
 A410 1 1/2" = 1'-0"



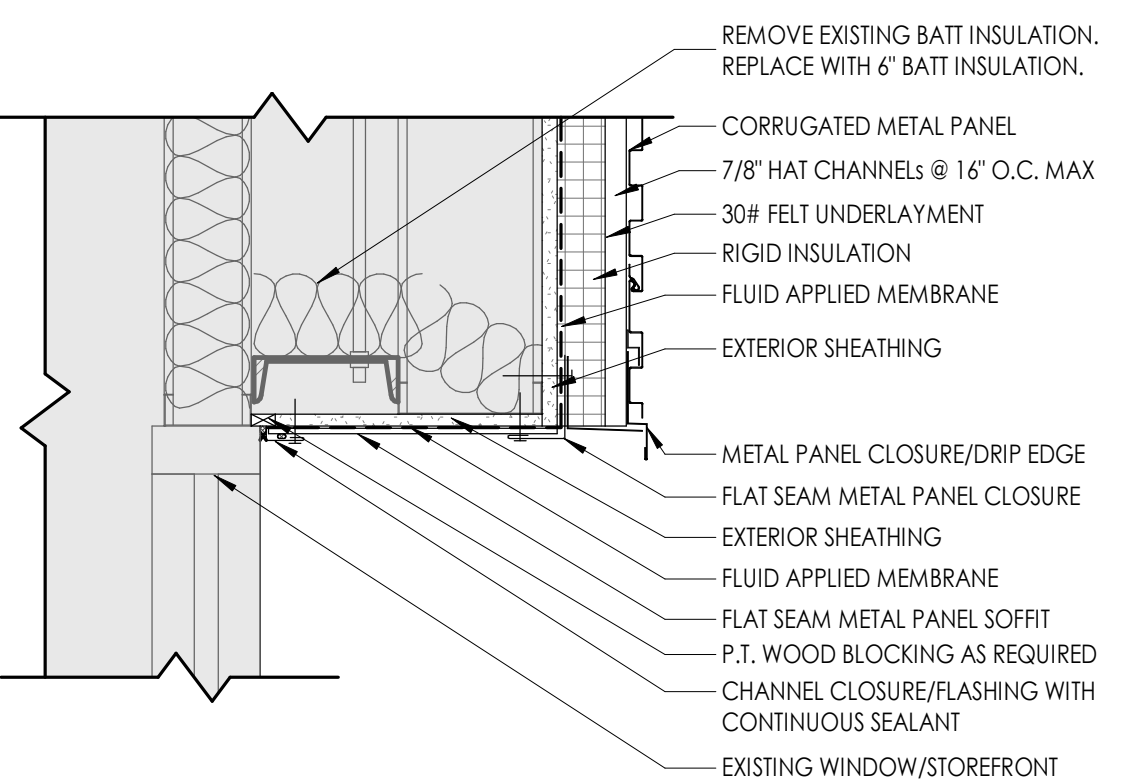
12 METAL PANEL AT COPING CONDITON 1
 A410 1 1/2" = 1'-0"



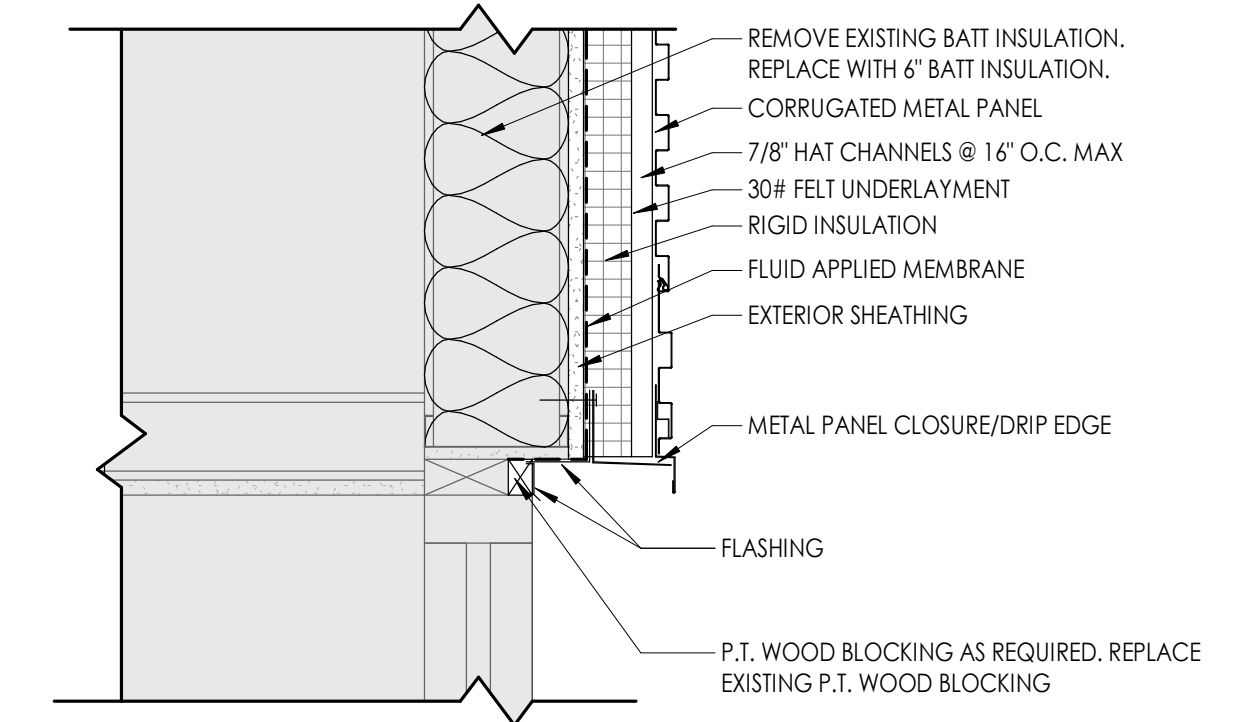
8 FLAT SEAM PANEL AT SOFFIT TRANSITION
 A410 1 1/2" = 1'-0"



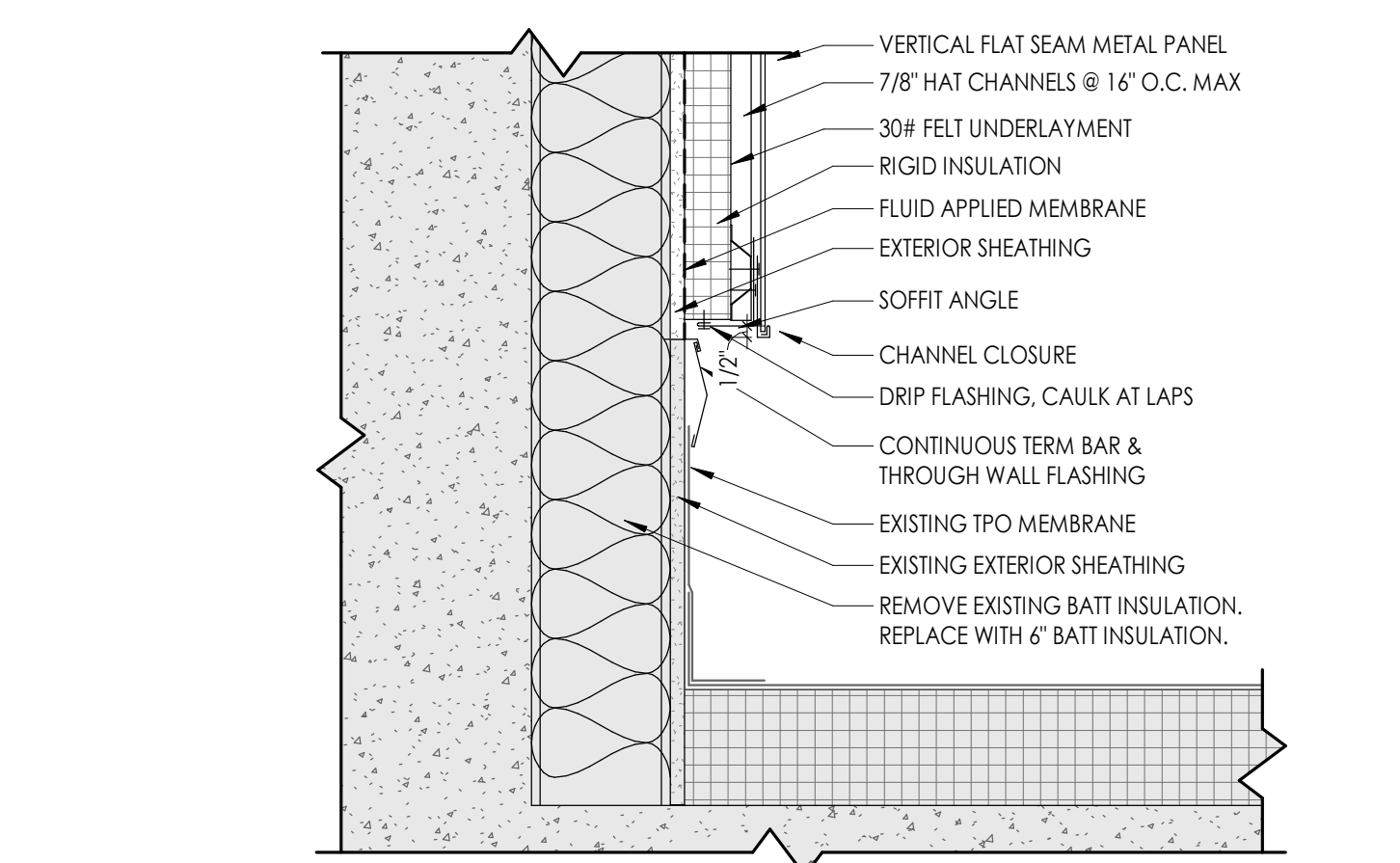
4 SLOPED SILL DETAIL
 A410 1 1/2" = 1'-0"



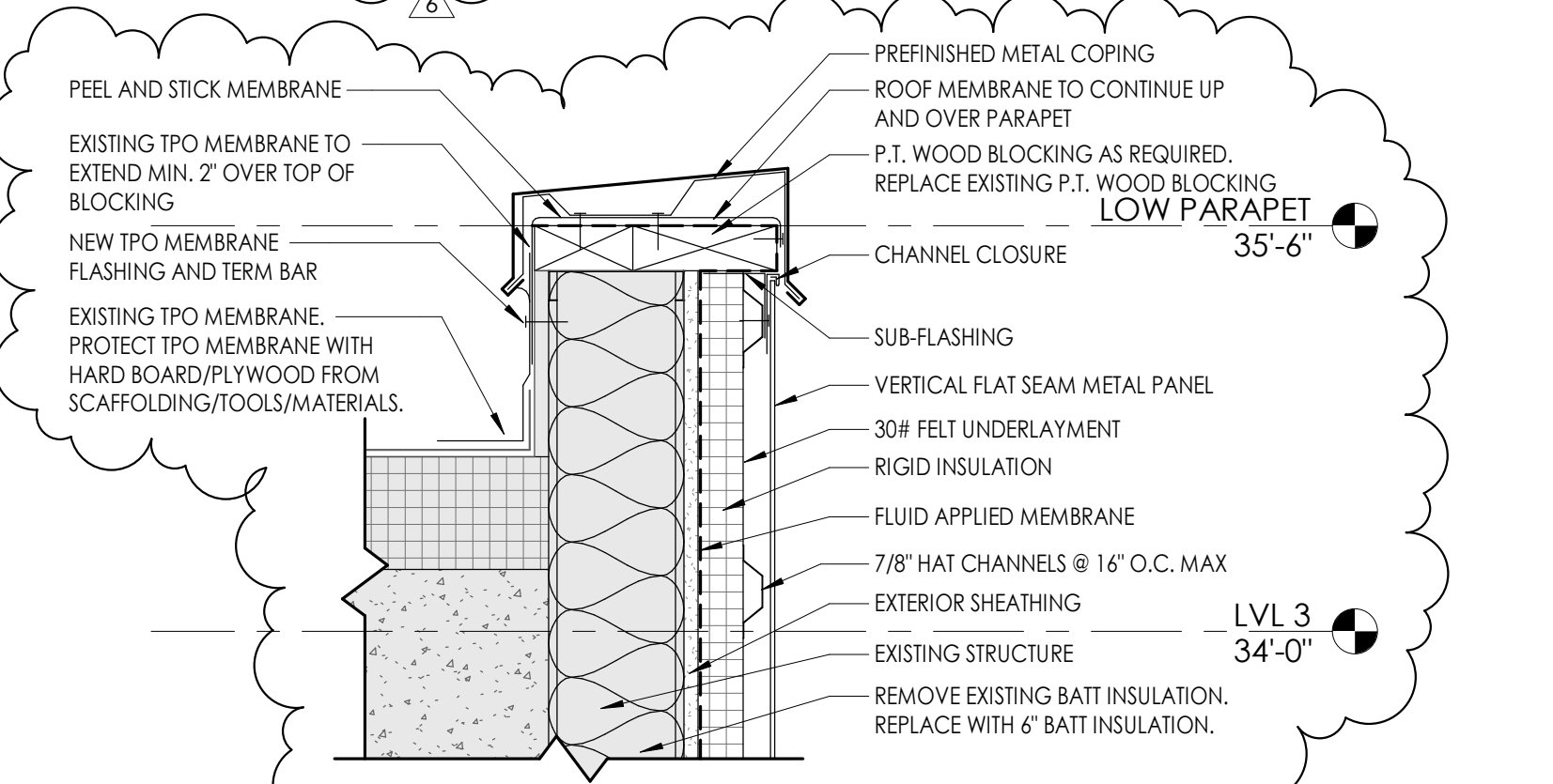
7 FLAT SEAM METAL PANEL WINDOW HEAD
 A410 1 1/2" = 1'-0"



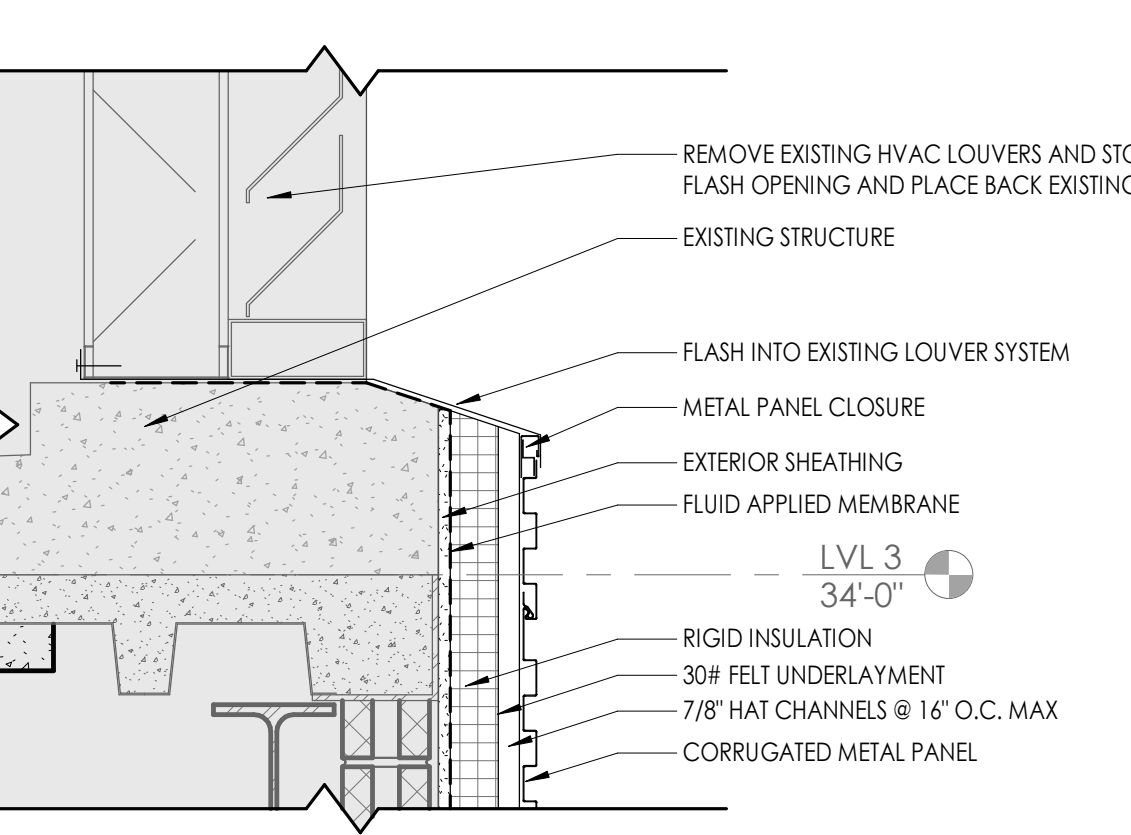
3 METAL PANEL AT WINDOW HEAD
 A410 1 1/2" = 1'-0"



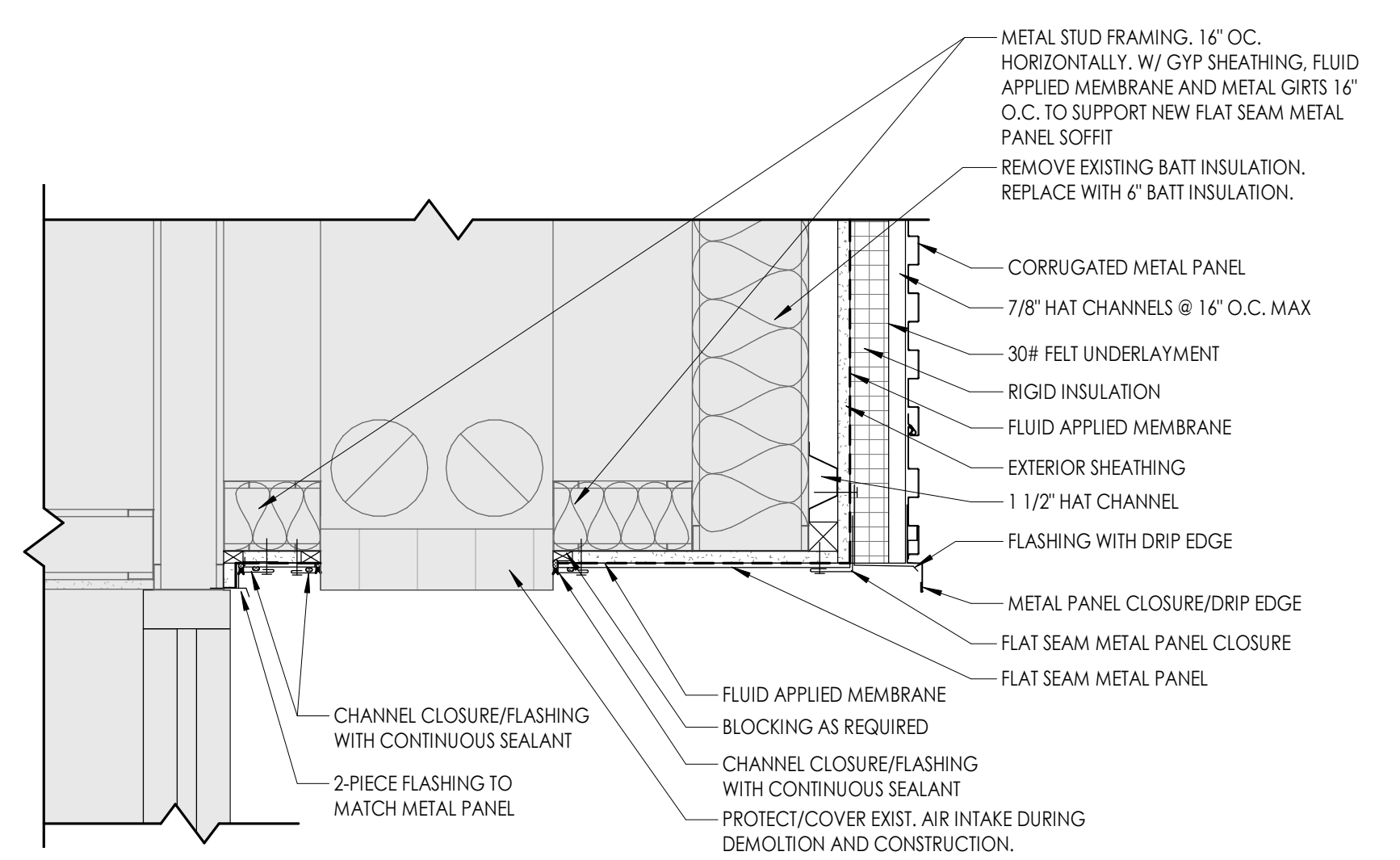
15 TPO TO FLAT SEAM METAL PANEL TRANSITION
 A410 1 1/2" = 1'-0"



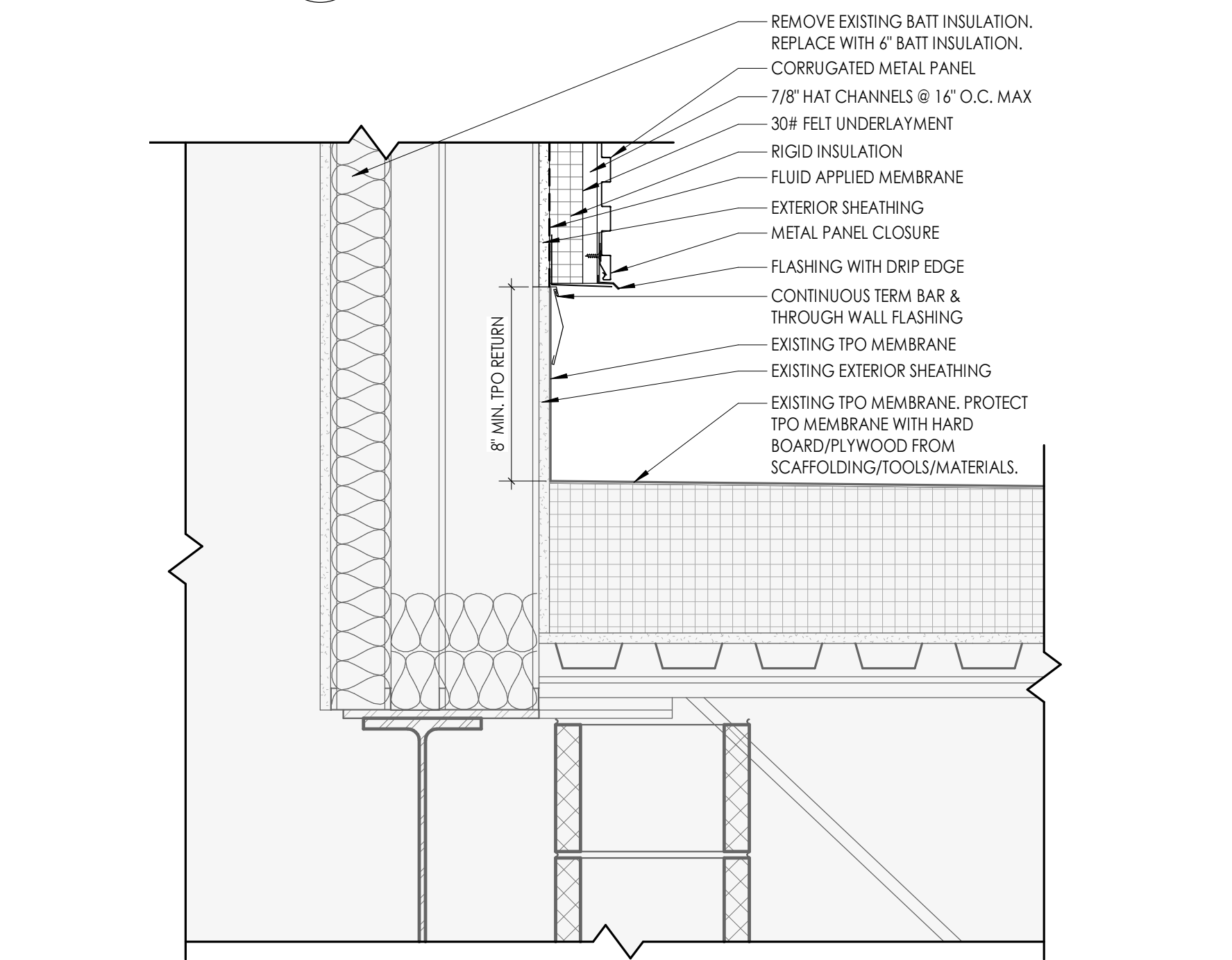
11 FLAT SEAM PANEL PARAPET
 A410 1 1/2" = 1'-0"



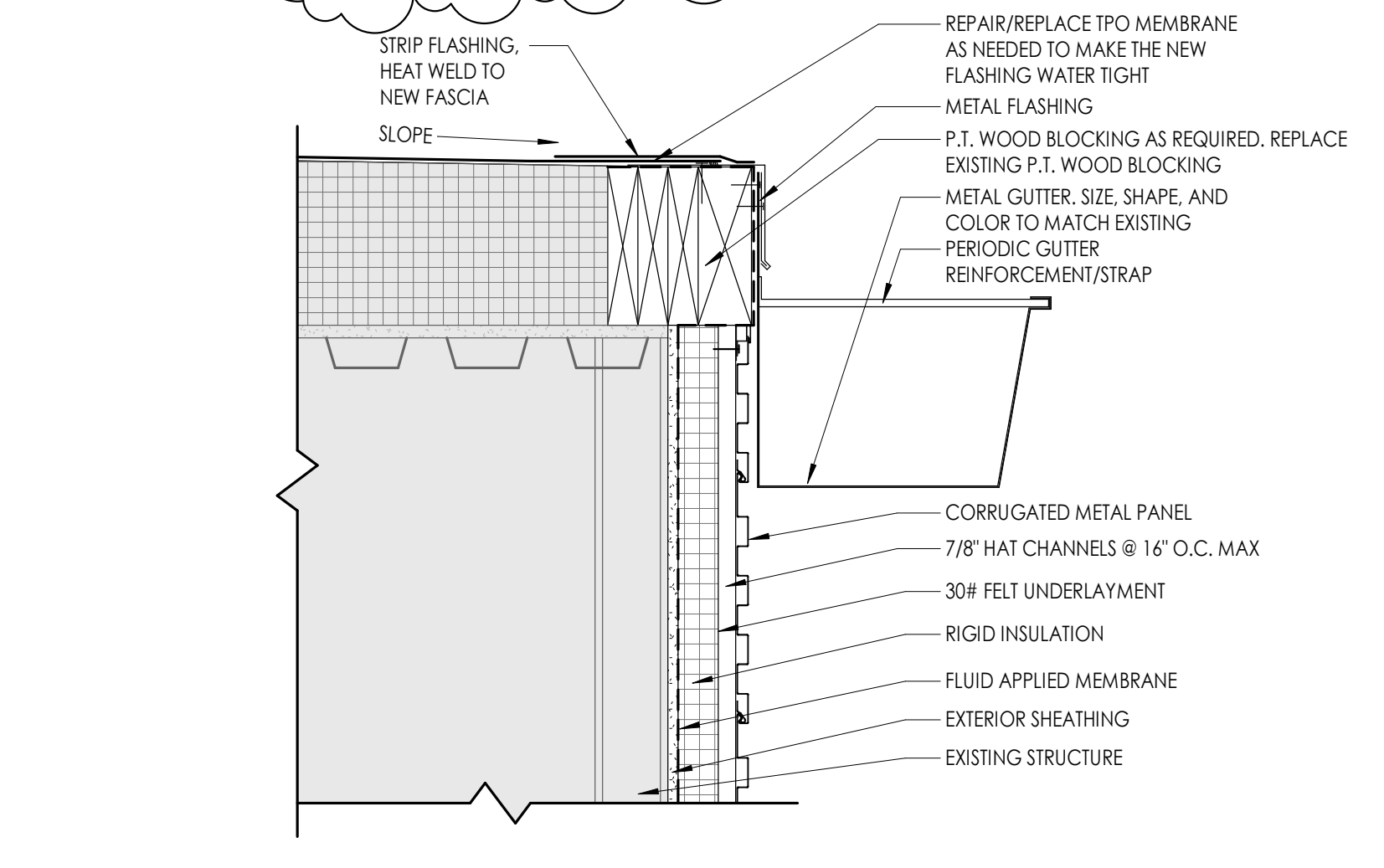
6 FLASHING AT EXISTING LOUVER
 A410 1 1/2" = 1'-0"



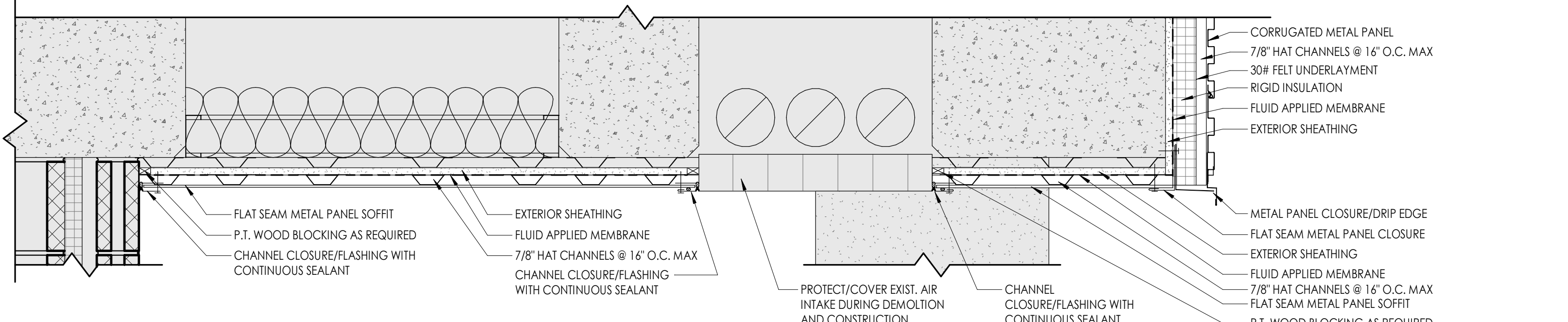
2 FLAT SEAM PANEL AT EXISTING AIR INTAKE - CONDITION 1
 A410 1 1/2" = 1'-0"



14 TPO TO METAL WALL PANEL TRANSITION
 A410 1 1/2" = 1'-0"



10 TPO-GUTTER-METAL PANEL DETAIL
 A410 1 1/2" = 1'-0"



1 FLAT SEAM PANEL AT EXISTING AIR INTAKE - CONDITION 2
 A410 1 1/2" = 1'-0"



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number: R22.16686.00
Client Name: AUGUSTA UNIVERSITY

Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

Project Address: 3109 Wightboro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

PROFESSIONAL STAMPS



SHEET INFORMATION

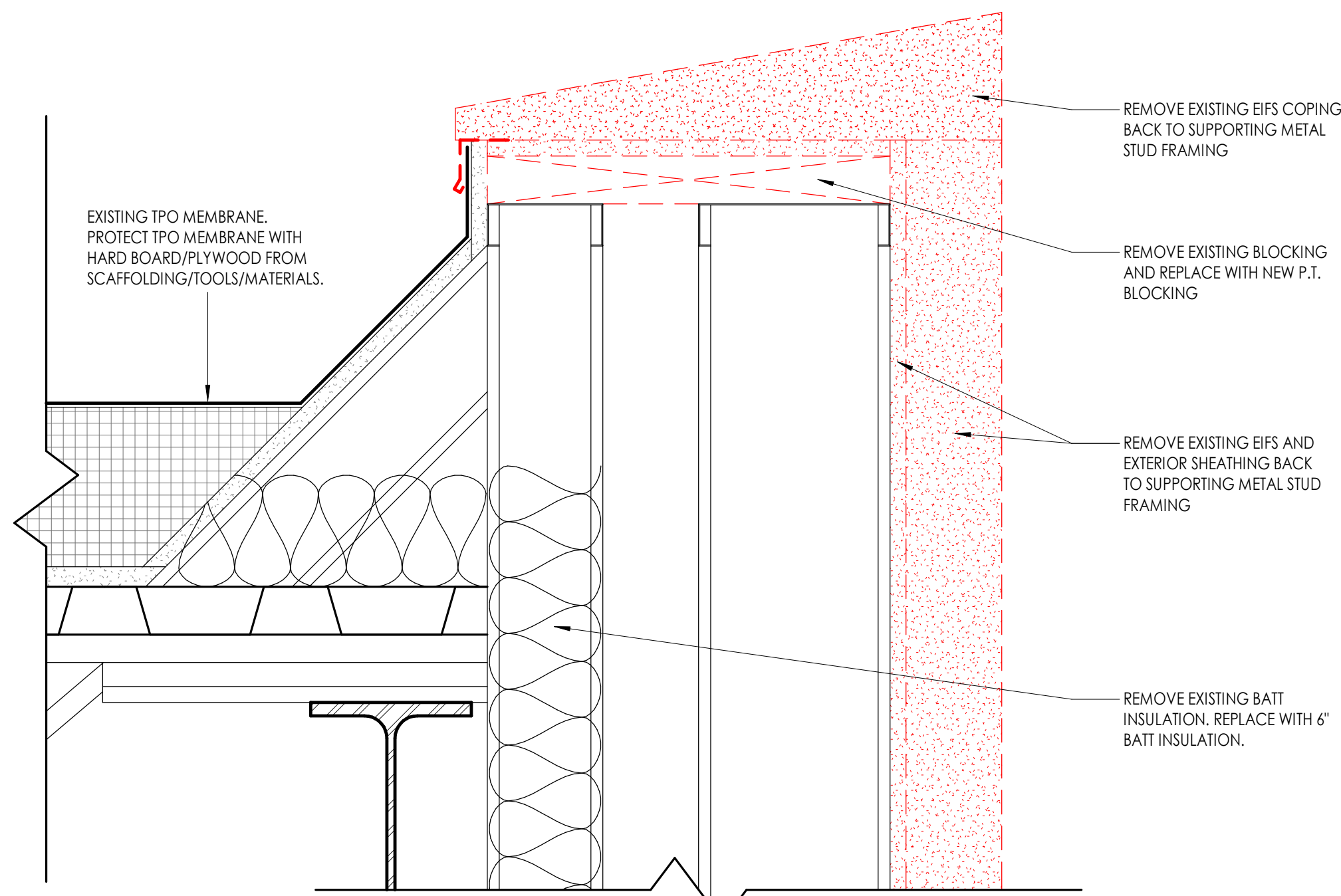
Name: As indicated
Project Status: BID SET
Drawn By: Author
Checked By: Checker
Drawing Title: SECTION DETAILS

Drawing Number

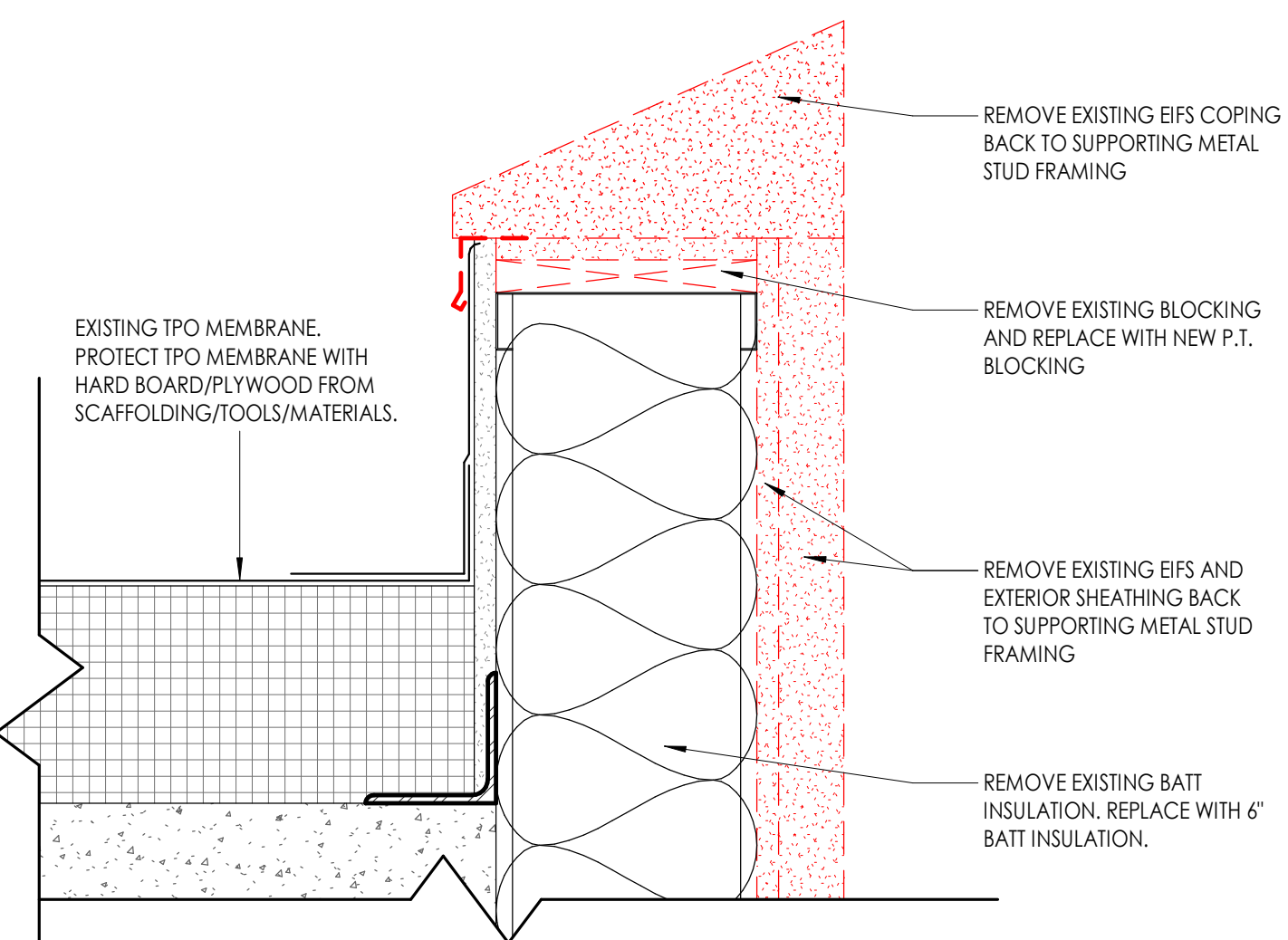
A411

WALL SECTION & DETAIL GENERAL NOTES

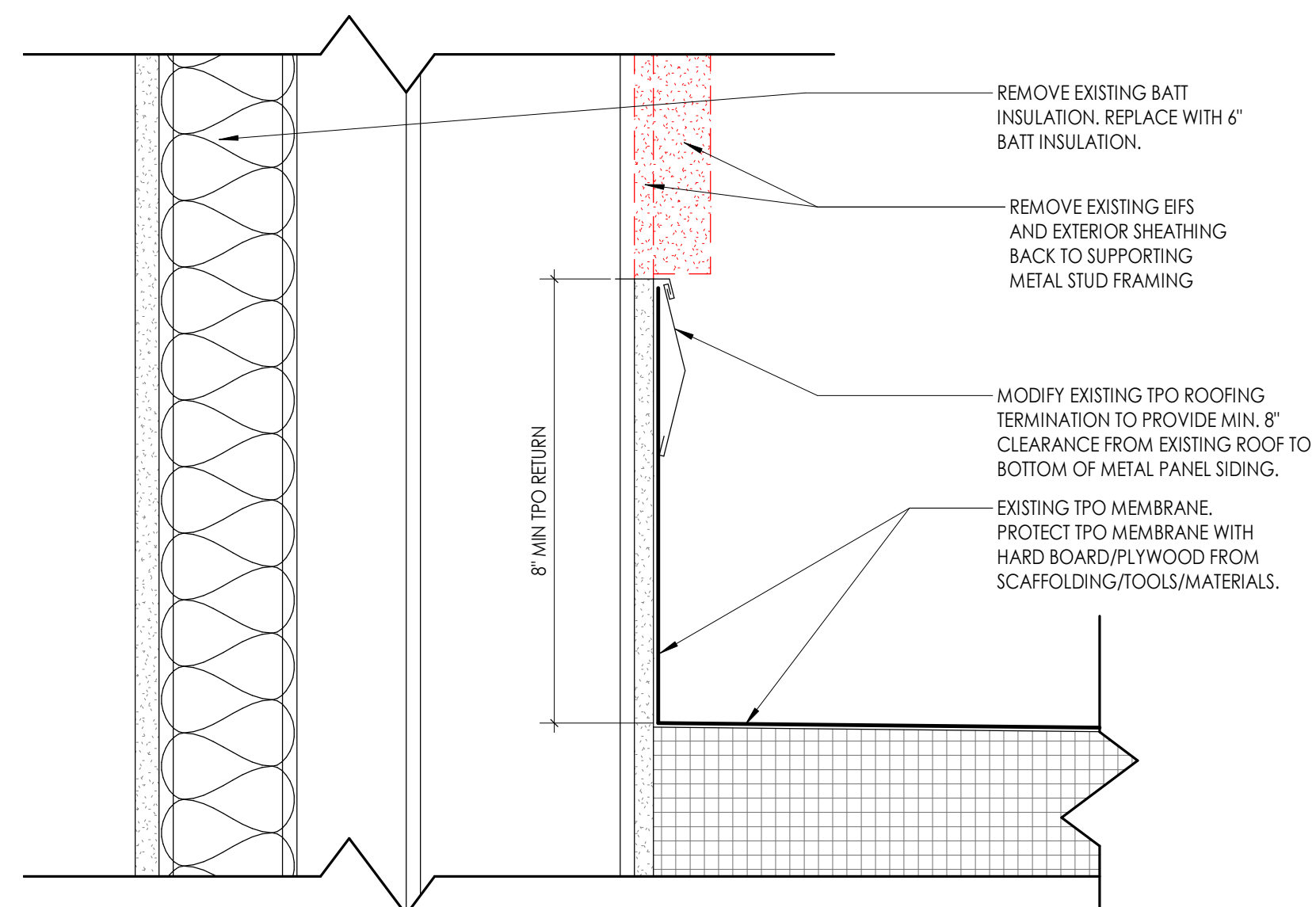
1. DEMO WALL SECTIONS AND DETAILS SHOW THE ANTICIPATED EXTENT OF DEMOLITION AS WELL AS THE ANTICIPATED NEW WORK ITEMS FOR REPLACING EXISTING MATERIALS OR REBORFITTING EXISTING MATERIALS.
2. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH OCCUR WITHIN THE CONTRACT DOCUMENTS PRIOR TO THE ORDERING OF MATERIALS OR EXECUTION OF THE WORK.



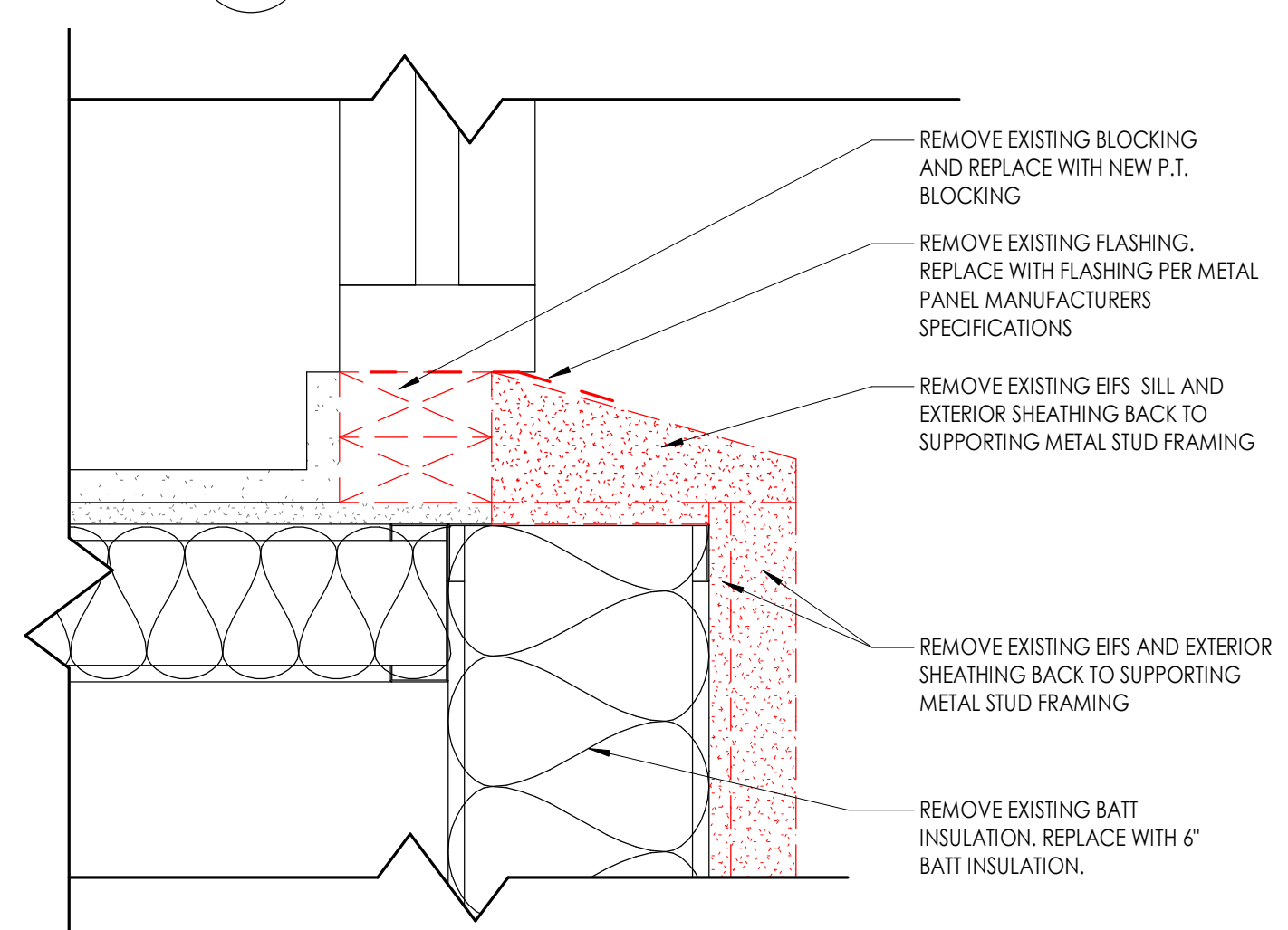
9 COPING WITH KICKER DEMO
A411 3" = 1'-0"



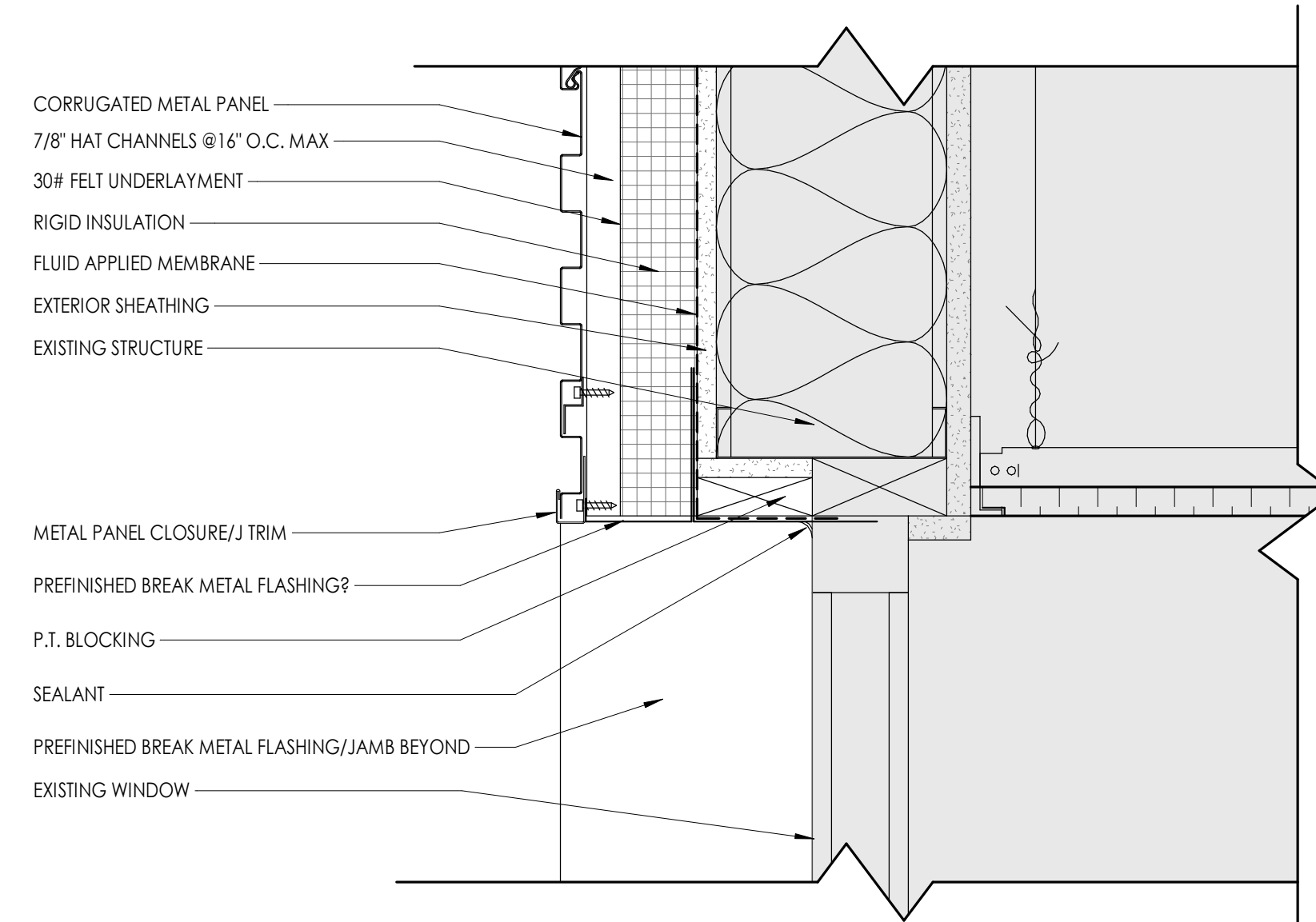
8 TYP. COPING DEMO
A411 3" = 1'-0"



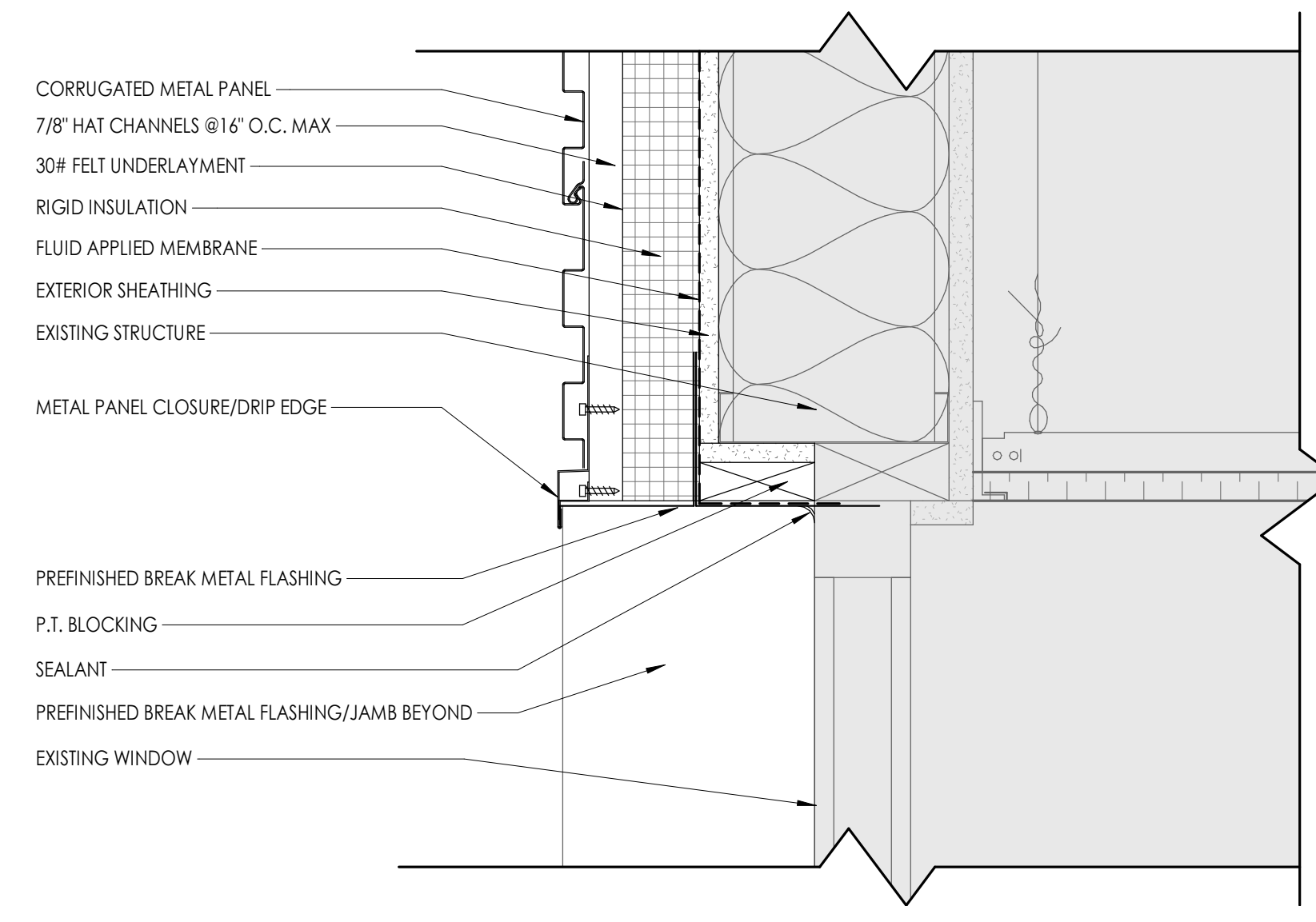
7 TYP. EIFS TO TPO DEMO
A411 3" = 1'-0"



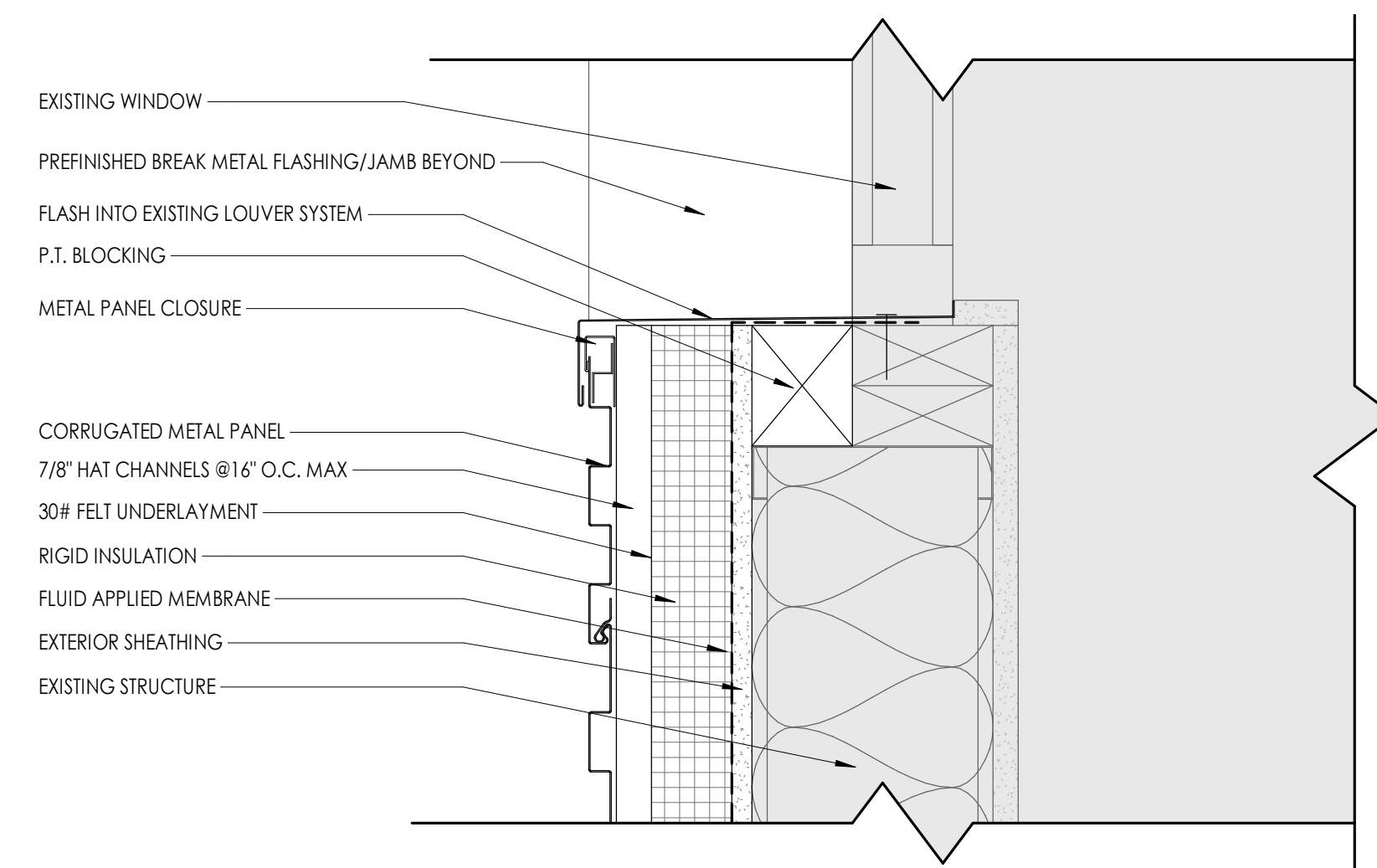
6 TYP. SILL DEMO
A411 3" = 1'-0"



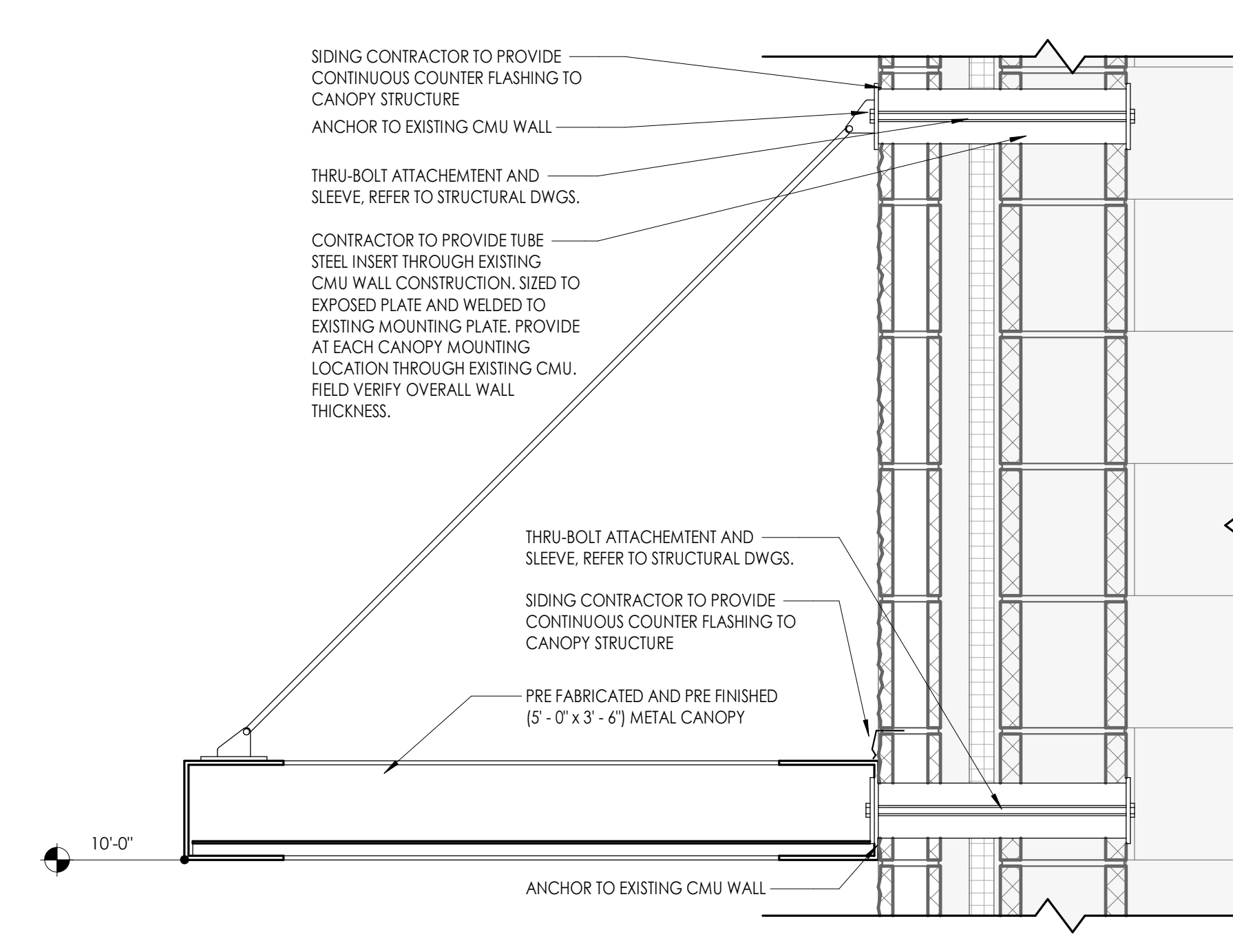
5 TYP. WINDOW JAMB DETAIL
A411 3" = 1'-0"



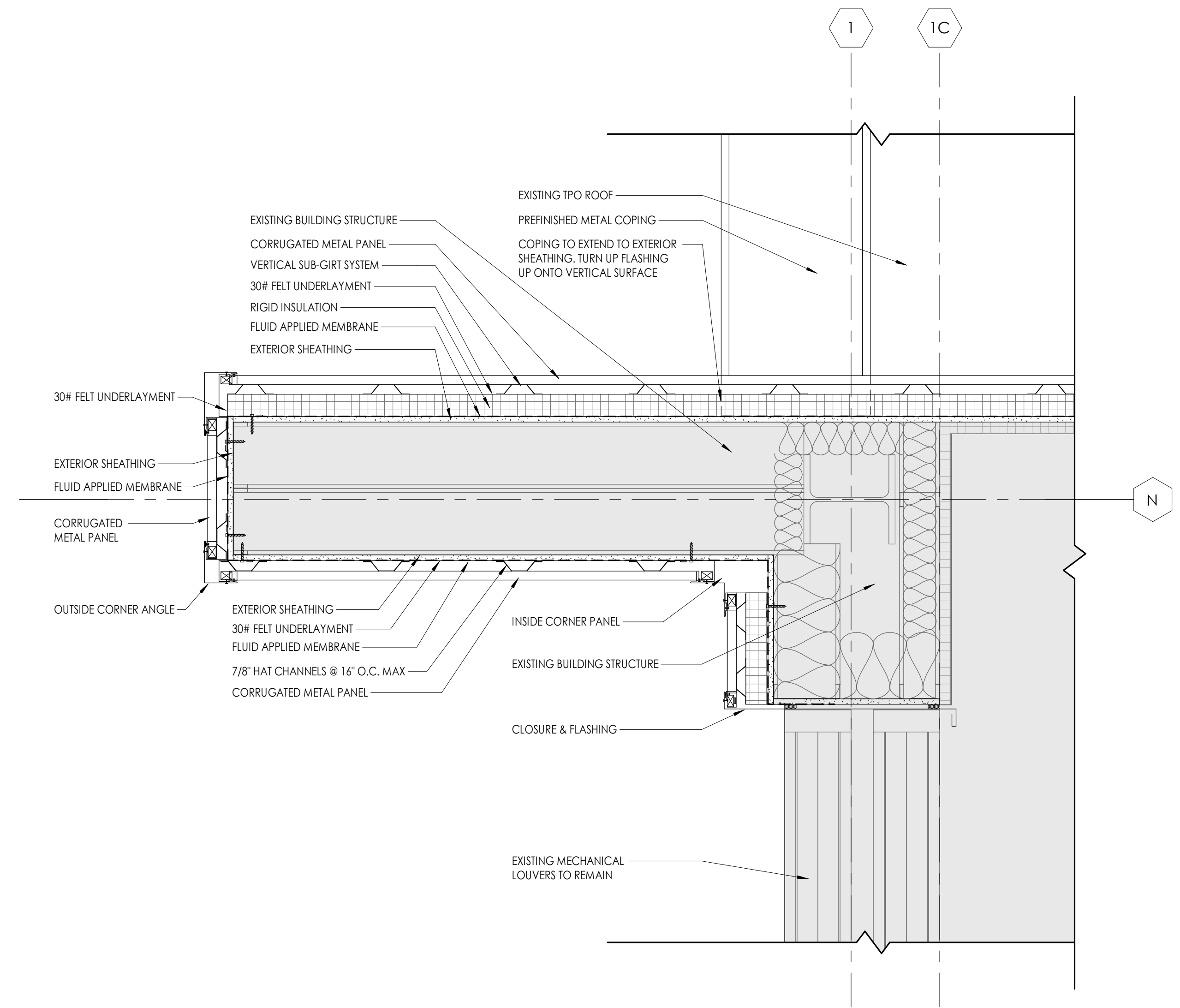
4 TYP. WINDOW HEAD DETAIL
A411 3" = 1'-0"



3 TYP. WINDOW SILL DETAIL
A411 3" = 1'-0"



2 CANOPY DETAIL - SIDE ENTRY
A411 1 1/2" = 1'-0"



1 FIN WALL DETAIL
A411 1 1/2" = 1'-0"



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number
R22-16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE
RENOVATION**

Project Address
3109 Wrightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
4	08-25-2023	PERMIT SET
5	09-25-2023	BID SET
6	01-16-2024	BID SET

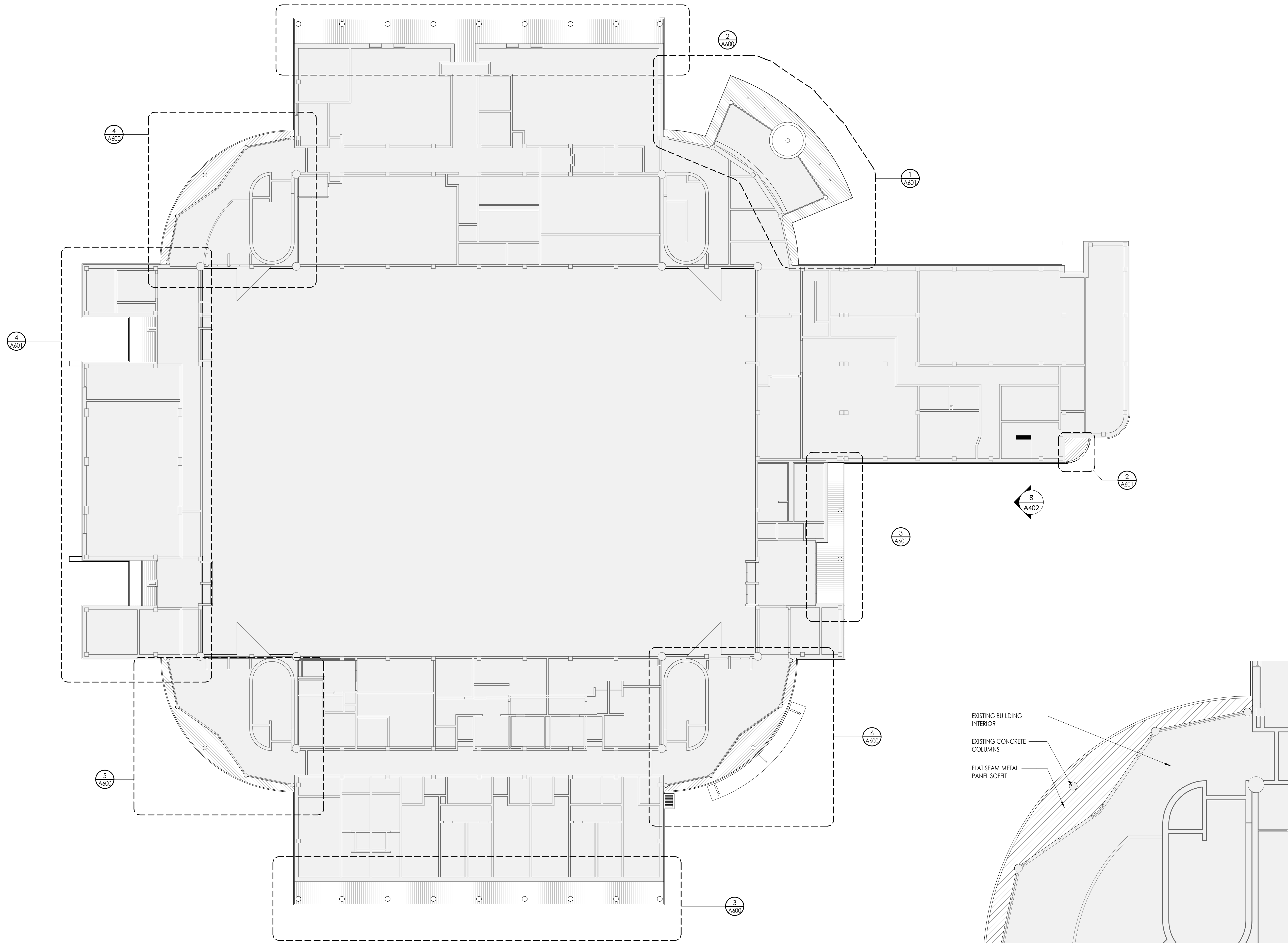
PROFESSIONAL STAMPS



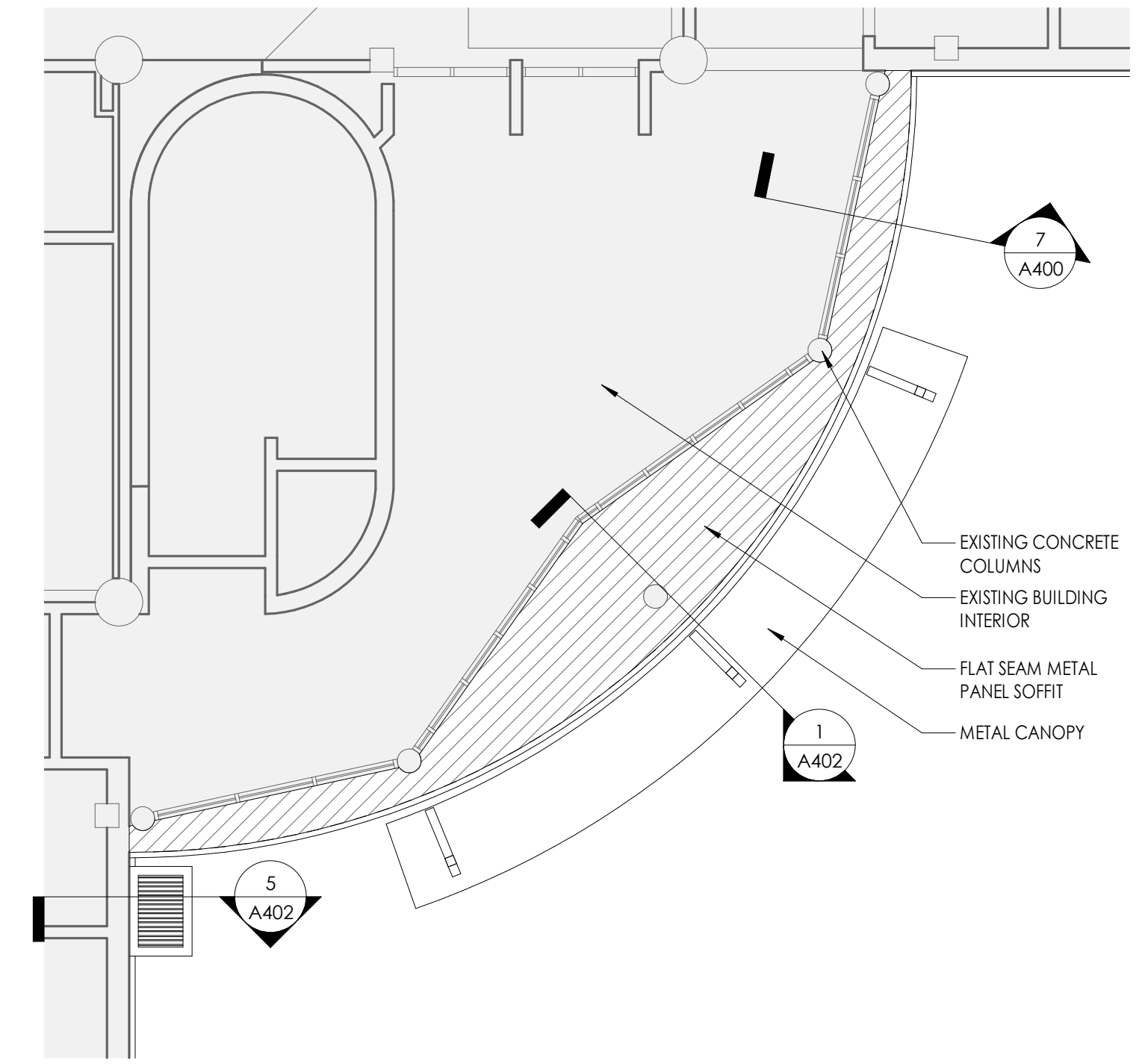
SHEET INFORMATION

Name
09-25-2023
Project Status
BID SET
Drawn By
Author
Checked By
Checker
Drawing Title
SOFFIT ORIENTATION PLANS

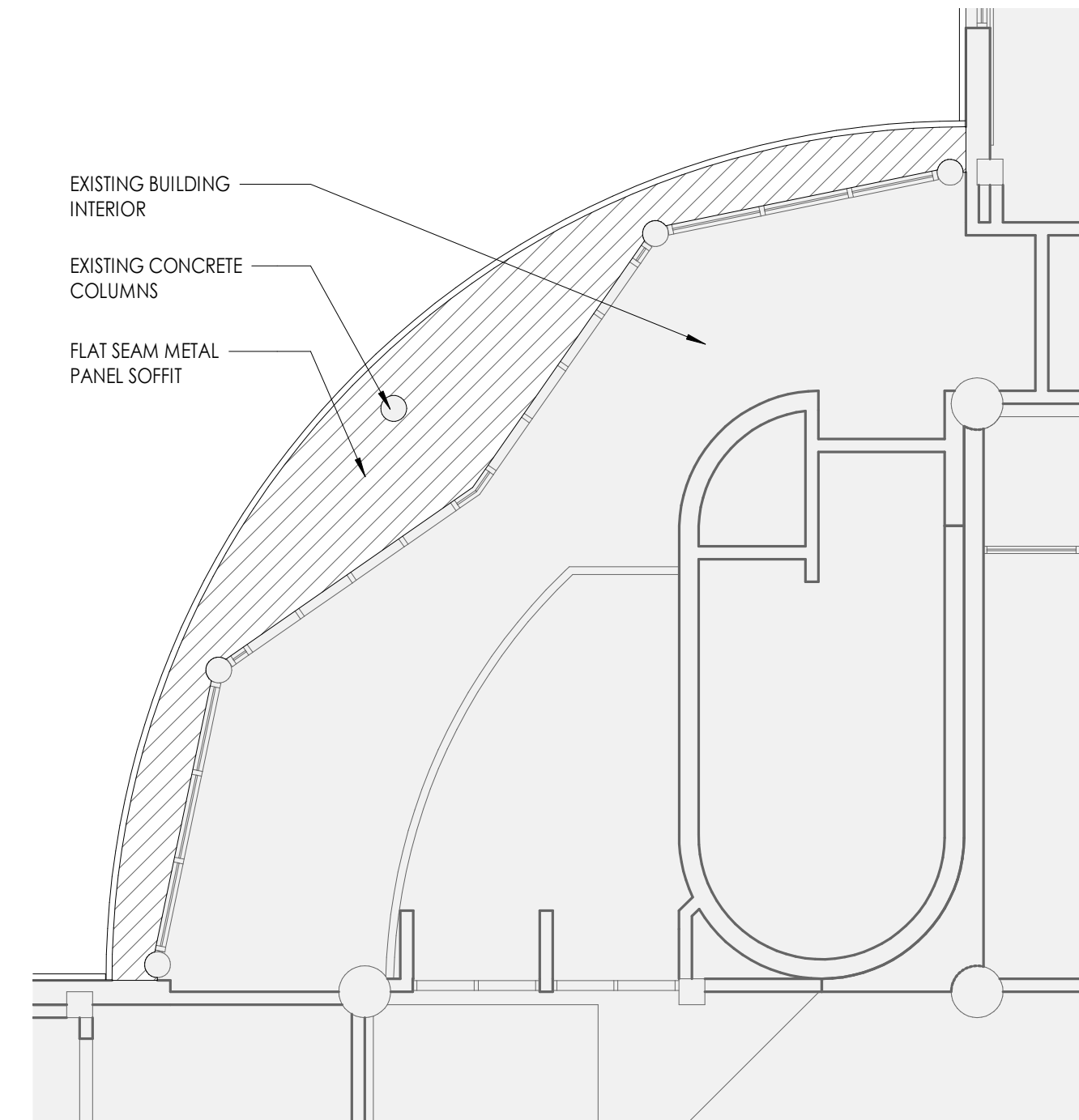
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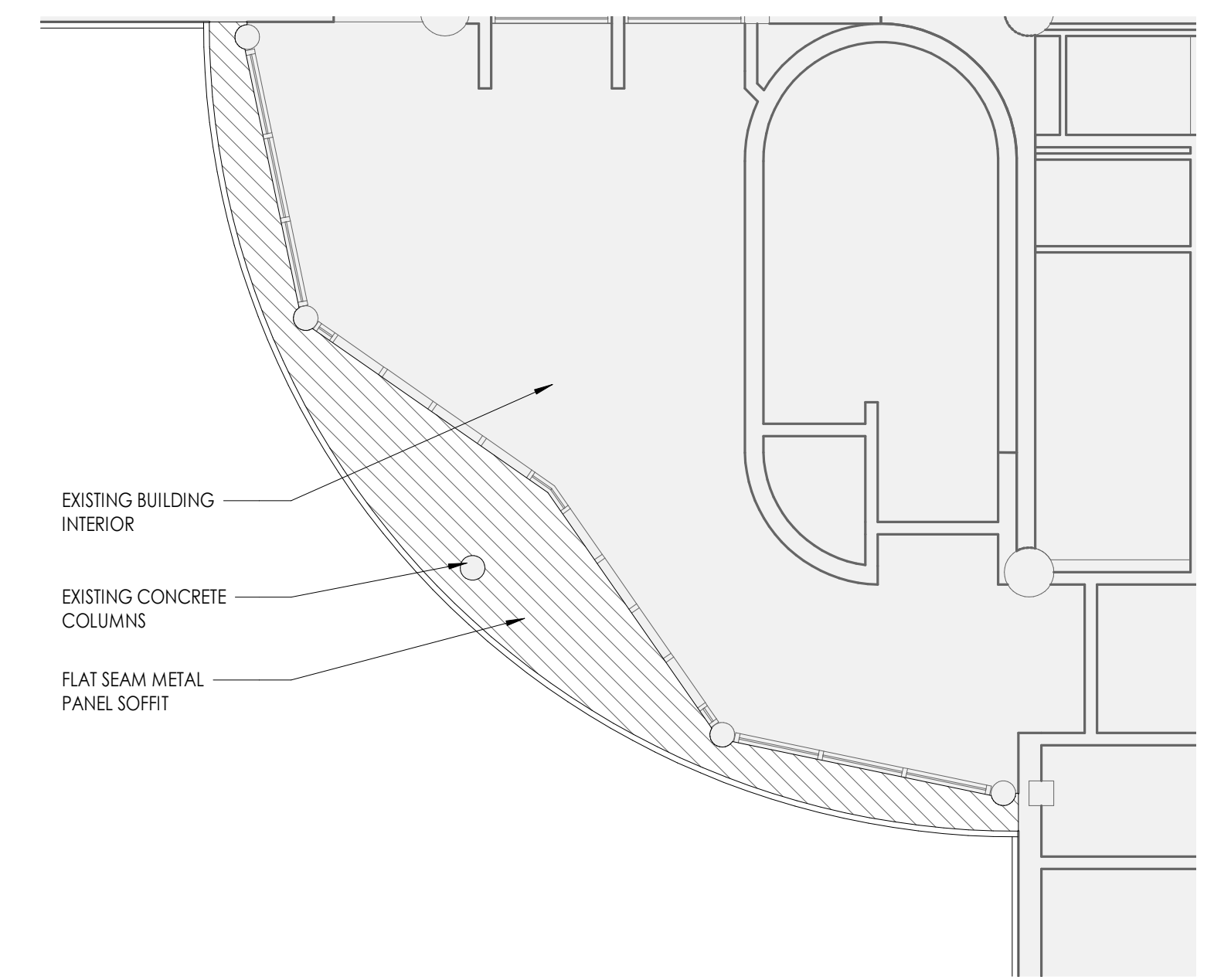
1 REFLECTED CEILING PLAN LEVEL 1
A600 1/16" = 1'-0"
PROJECT NORTH



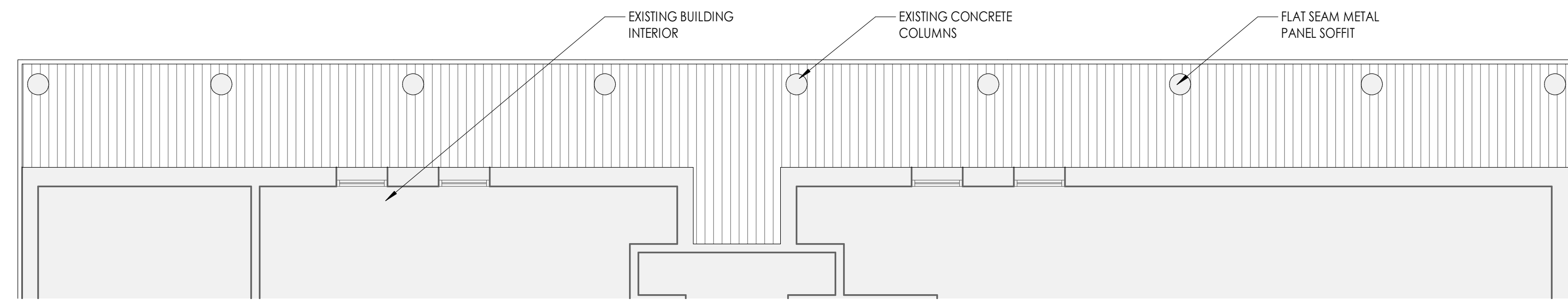
6 SOUTH EAST CORNER - REFLECTED CEILING PLAN
A600 1/8" = 1'-0"



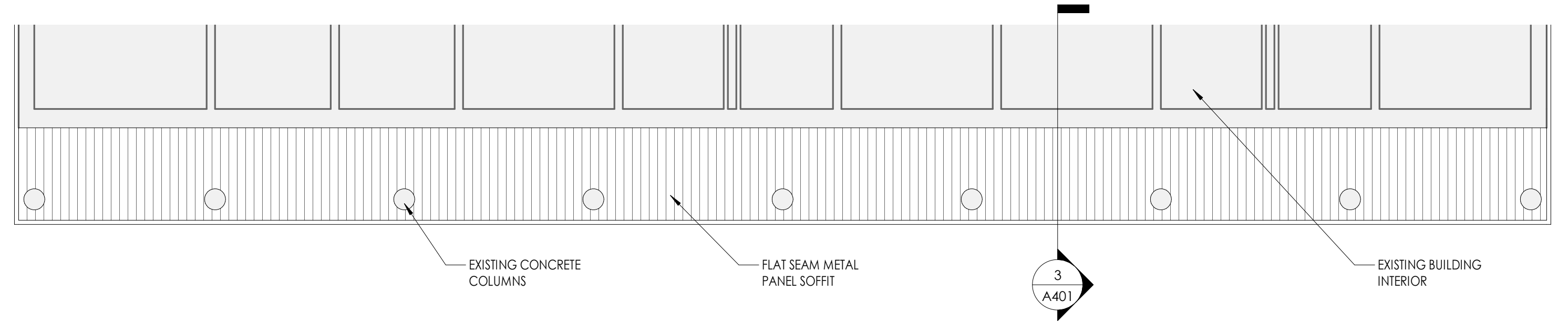
4 NORTH WEST CORNER - REFLECTED CEILING PLAN
A600 1/8" = 1'-0"



5 SOUTH WEST CORNER - REFLECTED CEILING PLAN
A600 1/8" = 1'-0"

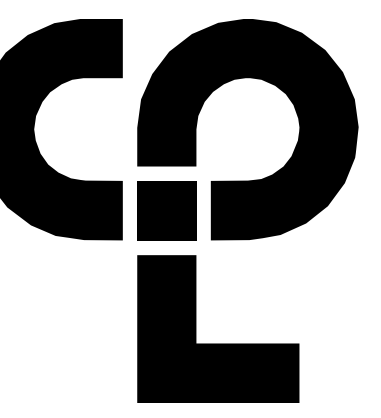


2 NORTHERN SOFFIT - REFLECTED CEILING PLAN
A600 1/8" = 1'-0"



3 SOUTHERN SOFFIT - REFLECTED CEILING PLAN
A600 1/8" = 1'-0"

1/17/2024 3:44:47 PM c:\projects\locations\CD Design & Project Files\cd\blx_300



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AUGUSTA
UNIVERSITY

PROJECT INFORMATION

Project Number: R22-16686.00
Client Name: **AUGUSTA UNIVERSITY**

Project Name: **J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION**

Project Address: 3109 Wightshoro Road, Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
4	08-25-2023	PERMIT SET
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6	01-16-2024	BID SET

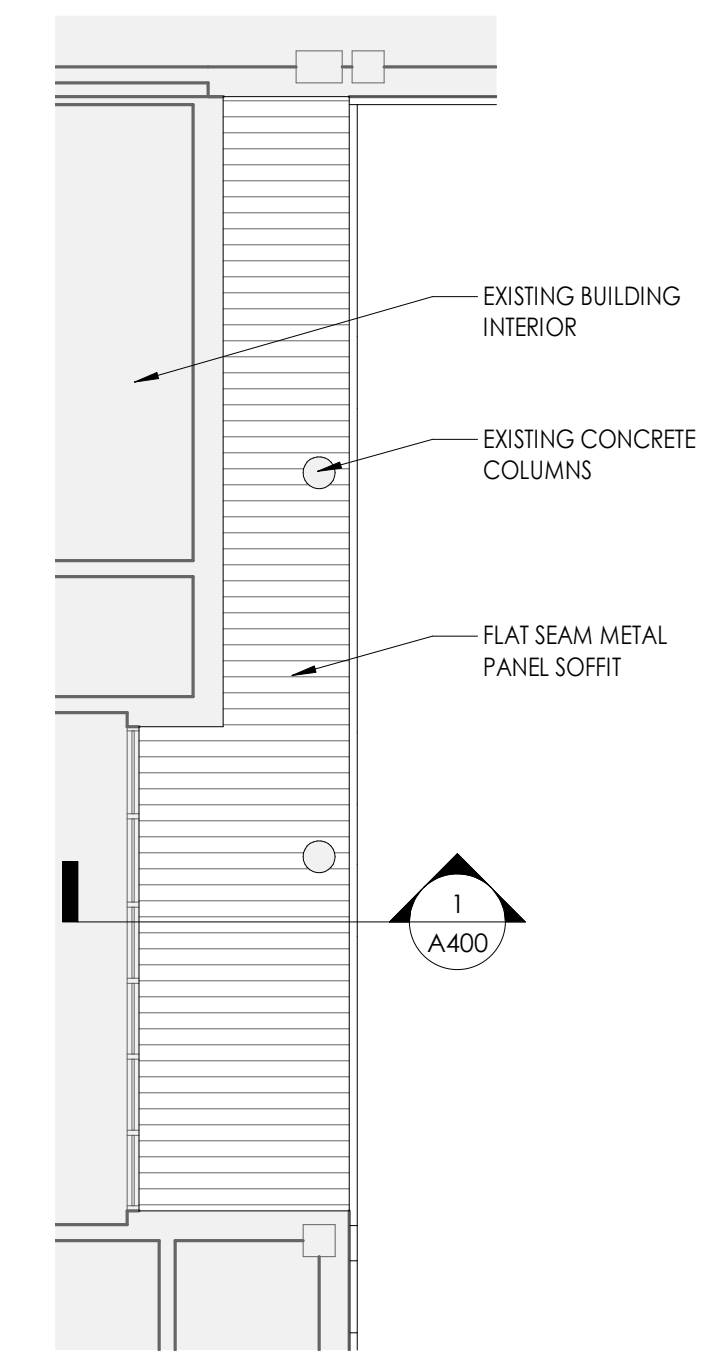
PROFESSIONAL STAMPS



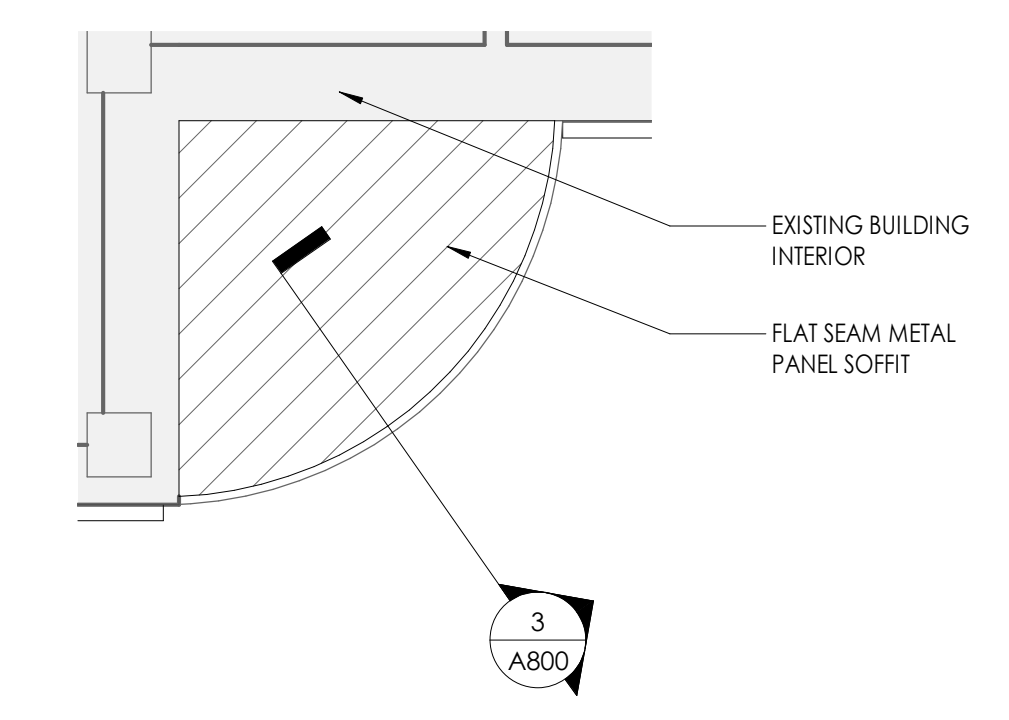
SHEET INFORMATION

Issue: 09-25-2023 Scale: As Indicated
Project Status: BID SET
Drawn By: Author Checked By: Checker
Drawing Title: SOFFIT ORIENTATION PLANS

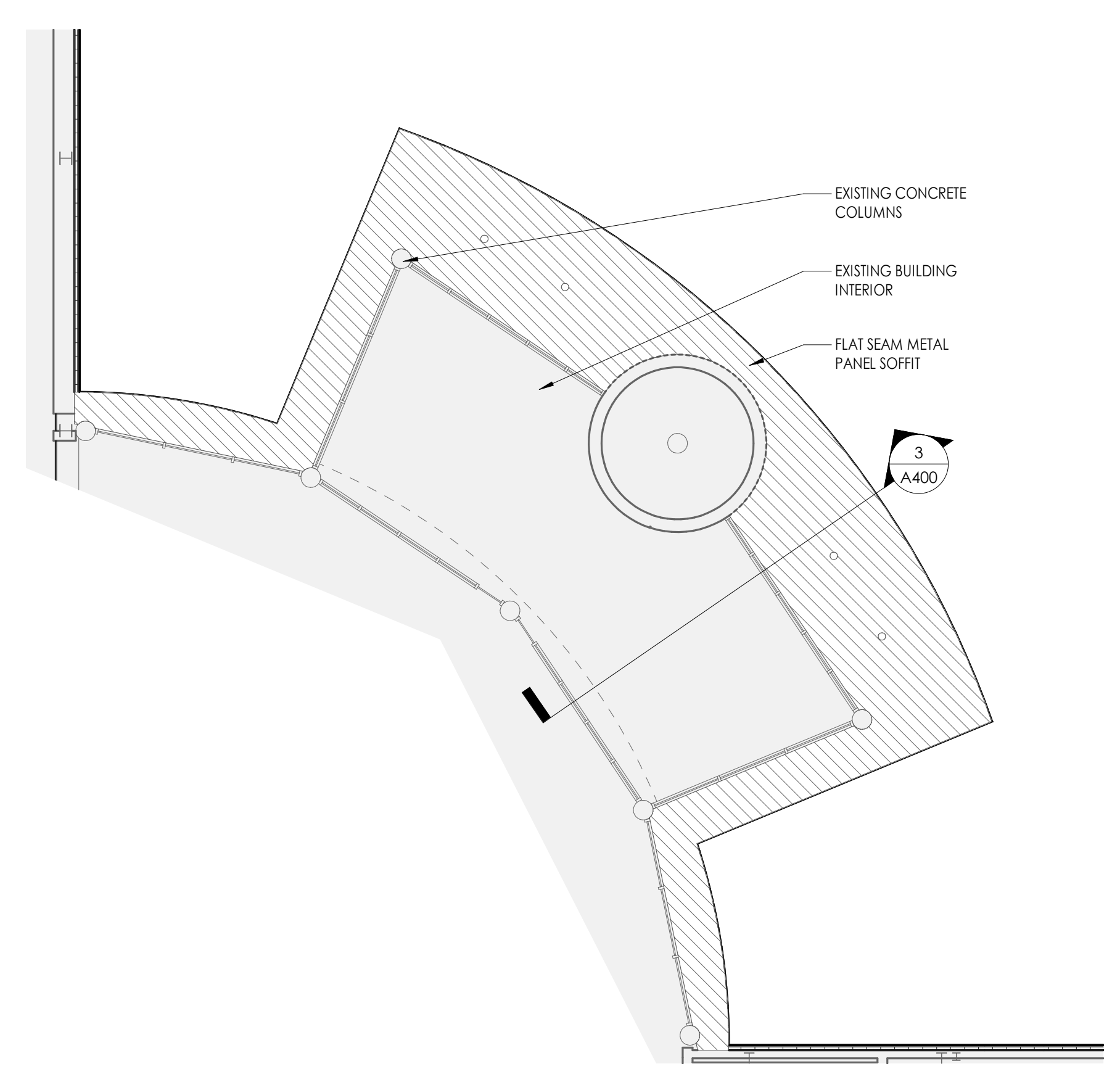
Drawing Number



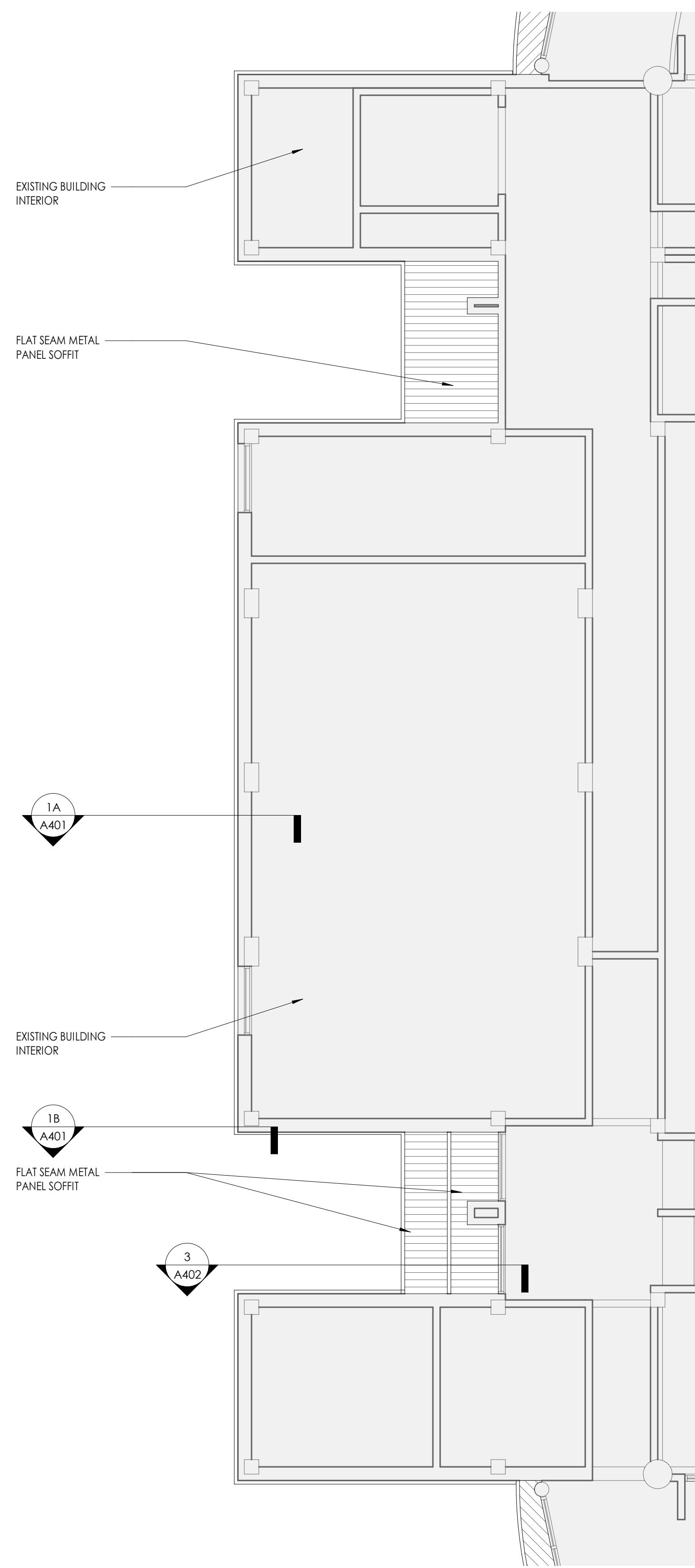
3 EASTERN SOFFIT - REFLECTED CEILING PLAN
1/8" = 1'-0"



2 REFLECTED CEILING PLAN LEVEL 1 - Callout 2
1/4" = 1'-0"



1 NORTH EAST CORNER - REFLECTED CEILING PLAN
1/8" = 1'-0"



4 WESTERN SOFFIT - REFLECTED CEILING PLAN
1/8" = 1'-0"

PROJECT INFORMATION

Project Number: R22.16686.00
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Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE RENOVATION

Project Address: 3109 Wightboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

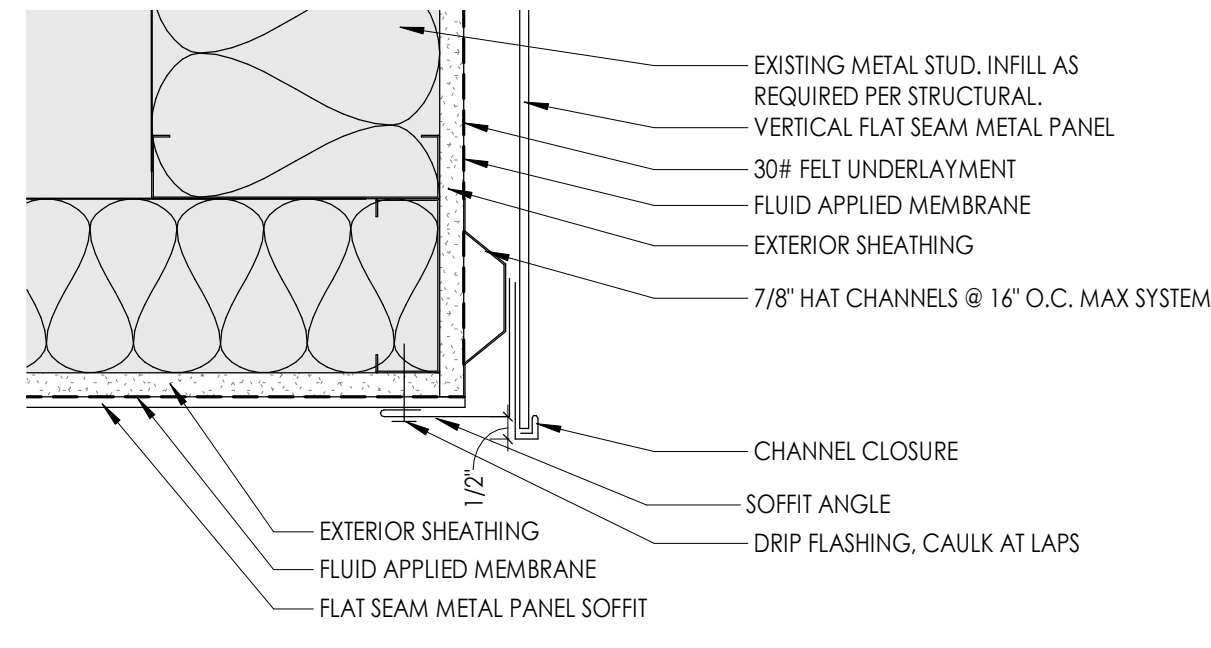
No.	Date	Description
2	06-30-2023	70% CD SUBMITTAL
3	07-12-2023	CD SUBMITTAL
4	08-25-2023	PERMIT SET
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6	01-16-2024	BID SET

PROFESSIONAL STAMPS

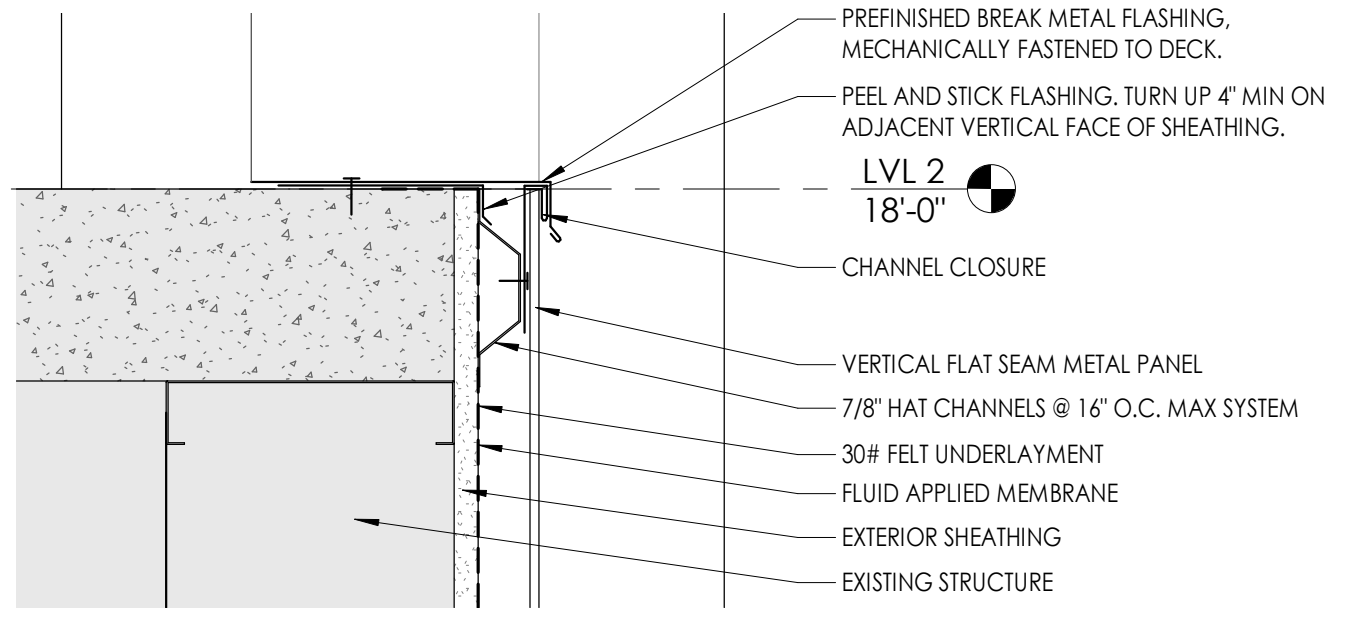
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Issue: 09-25-2023 Scale: As Indicated
Project Status: BID SET
Drawn By: CPL Checked By: CPL
Drawing Title: BALCONY DETAILS

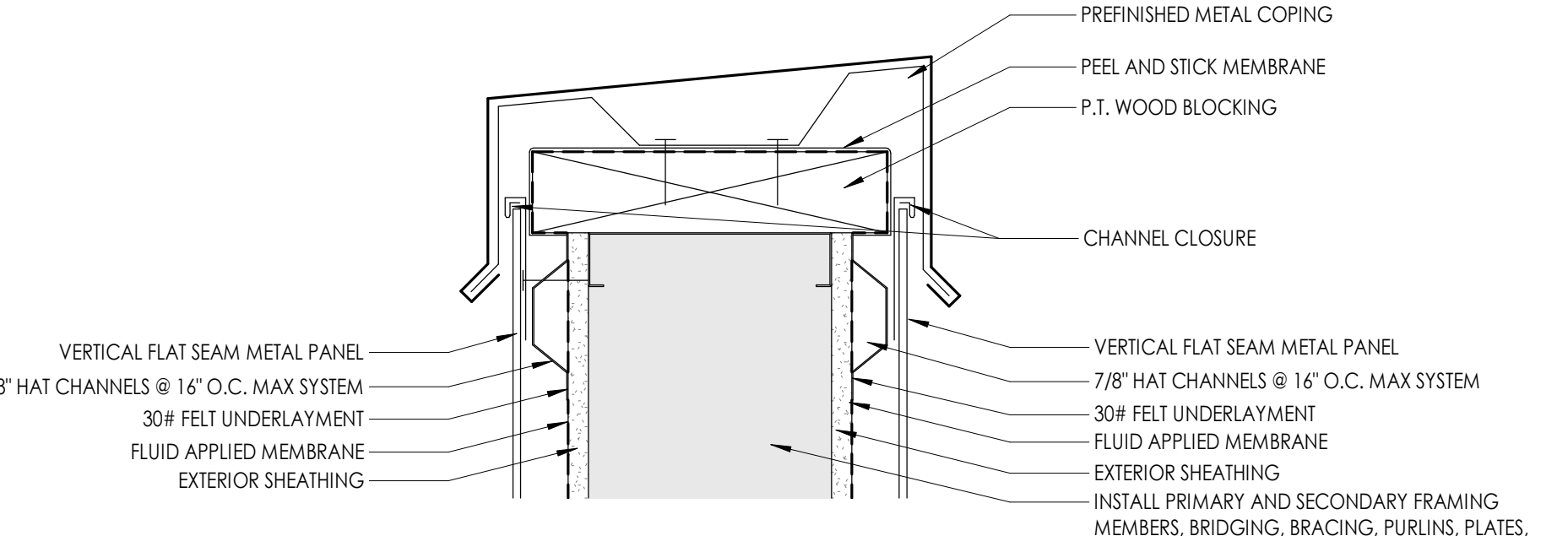
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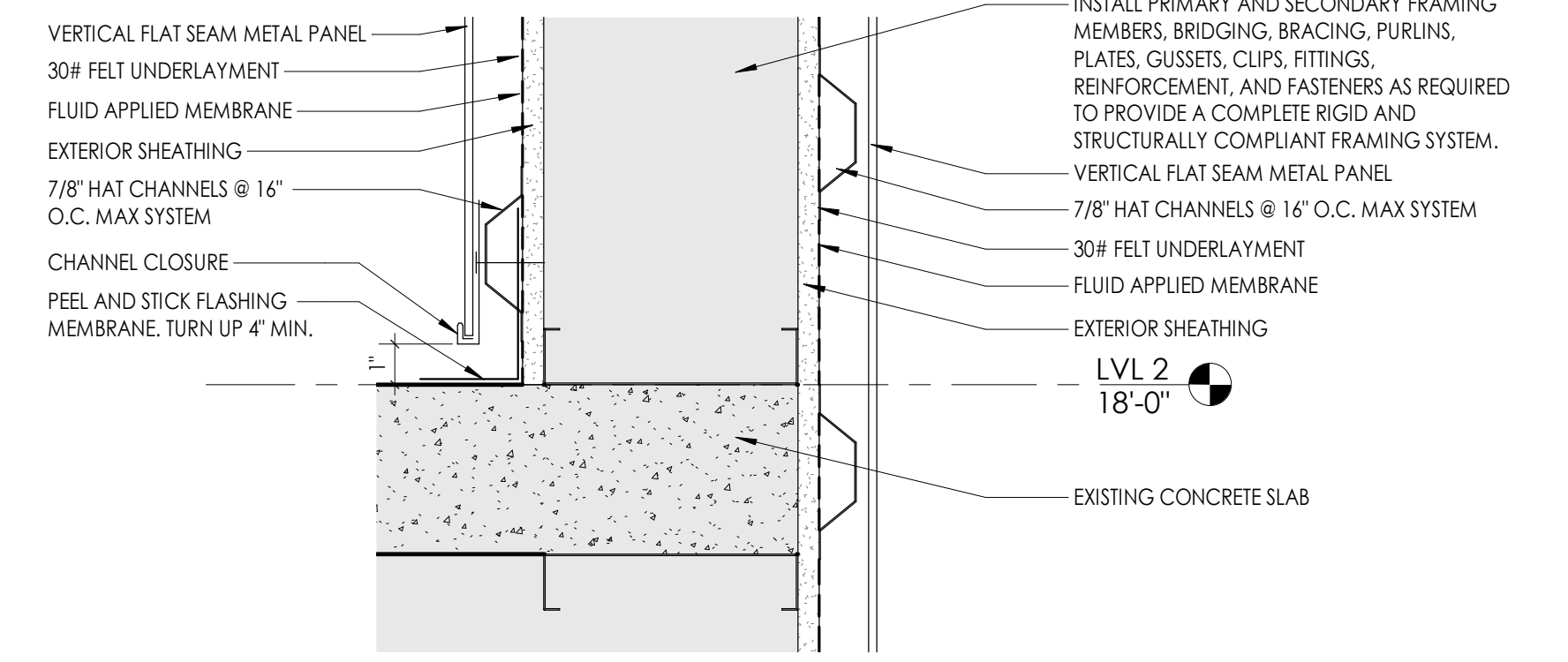
8 THIN SEAM PANEL TRANSITION FROM SOFFIT TO WALL
3" = 1'-0"



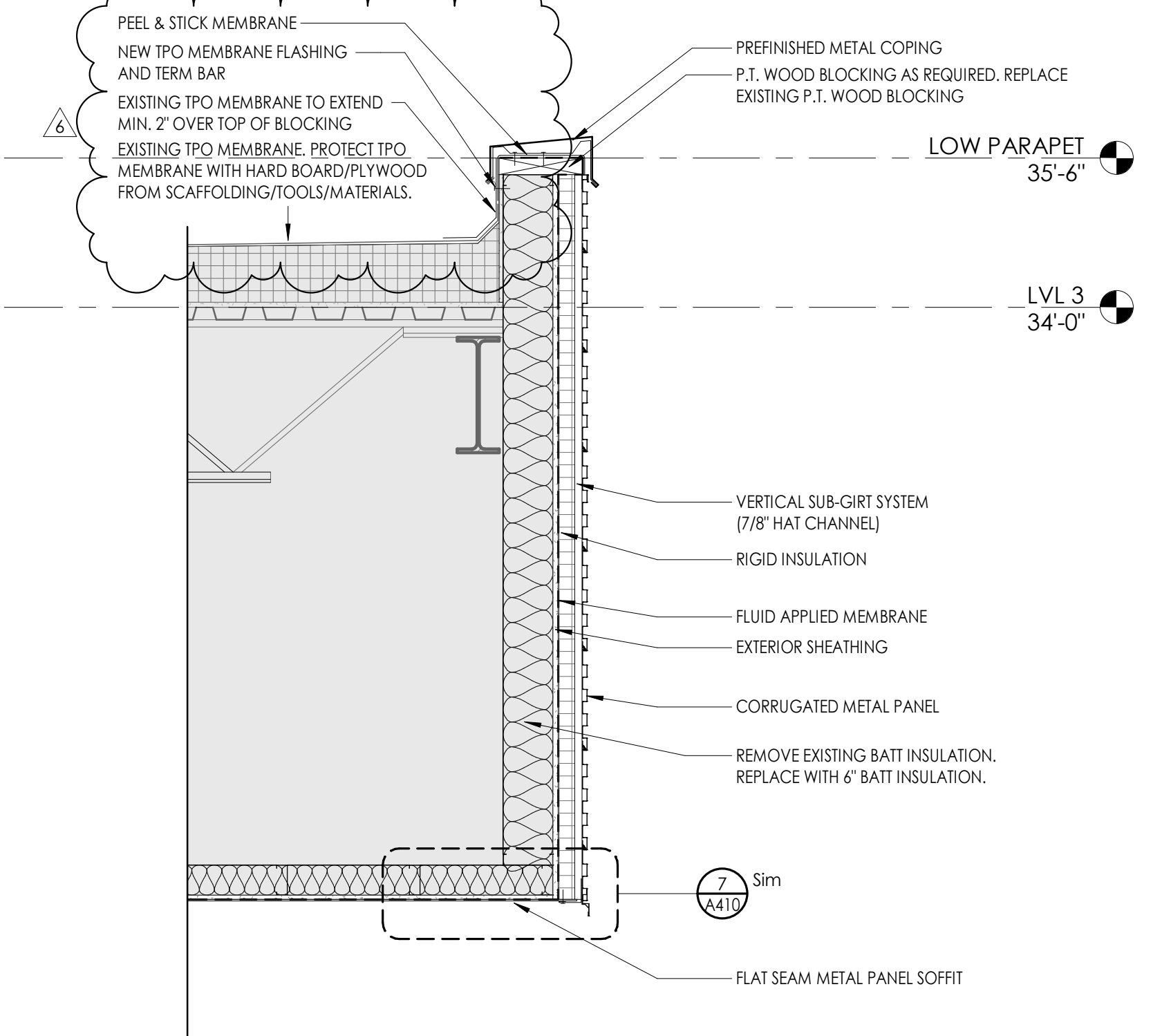
7 BALCONY DRIP EDGE DETAIL
3" = 1'-0"



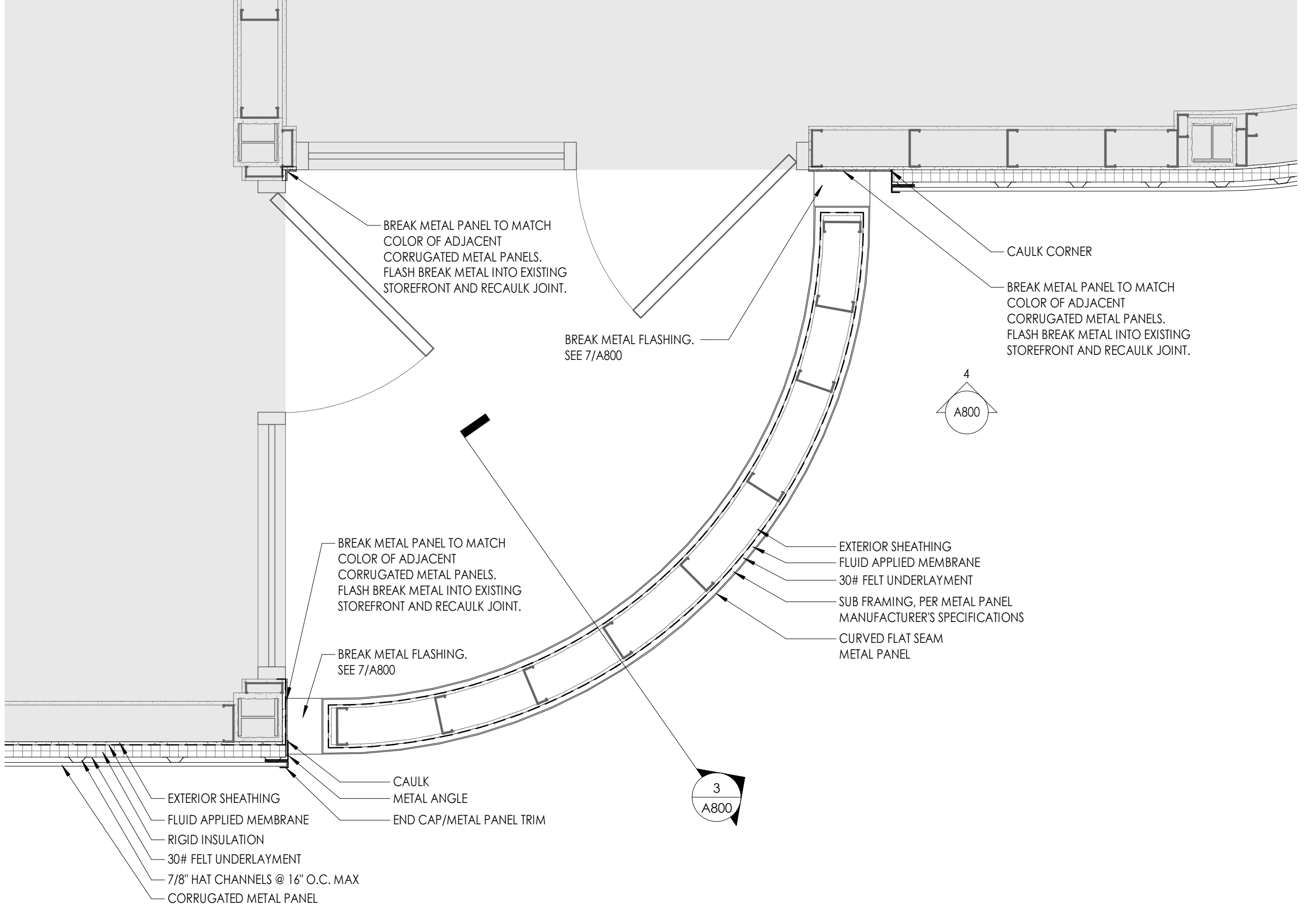
6 BALCONY WALL CAP DETAIL
3" = 1'-0"



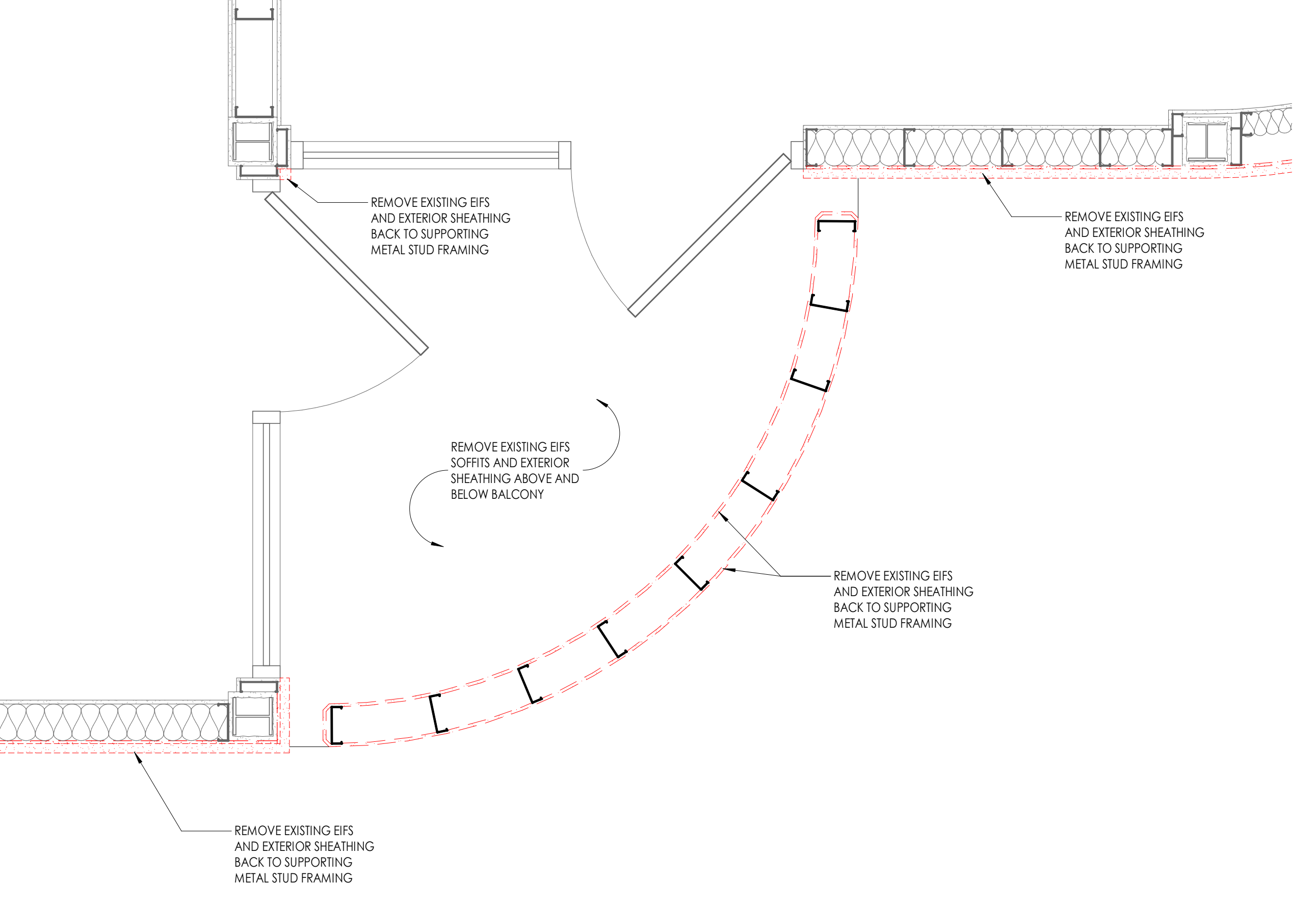
5 BALCONY WALL INTERIOR WATER PROOFING
3" = 1'-0"



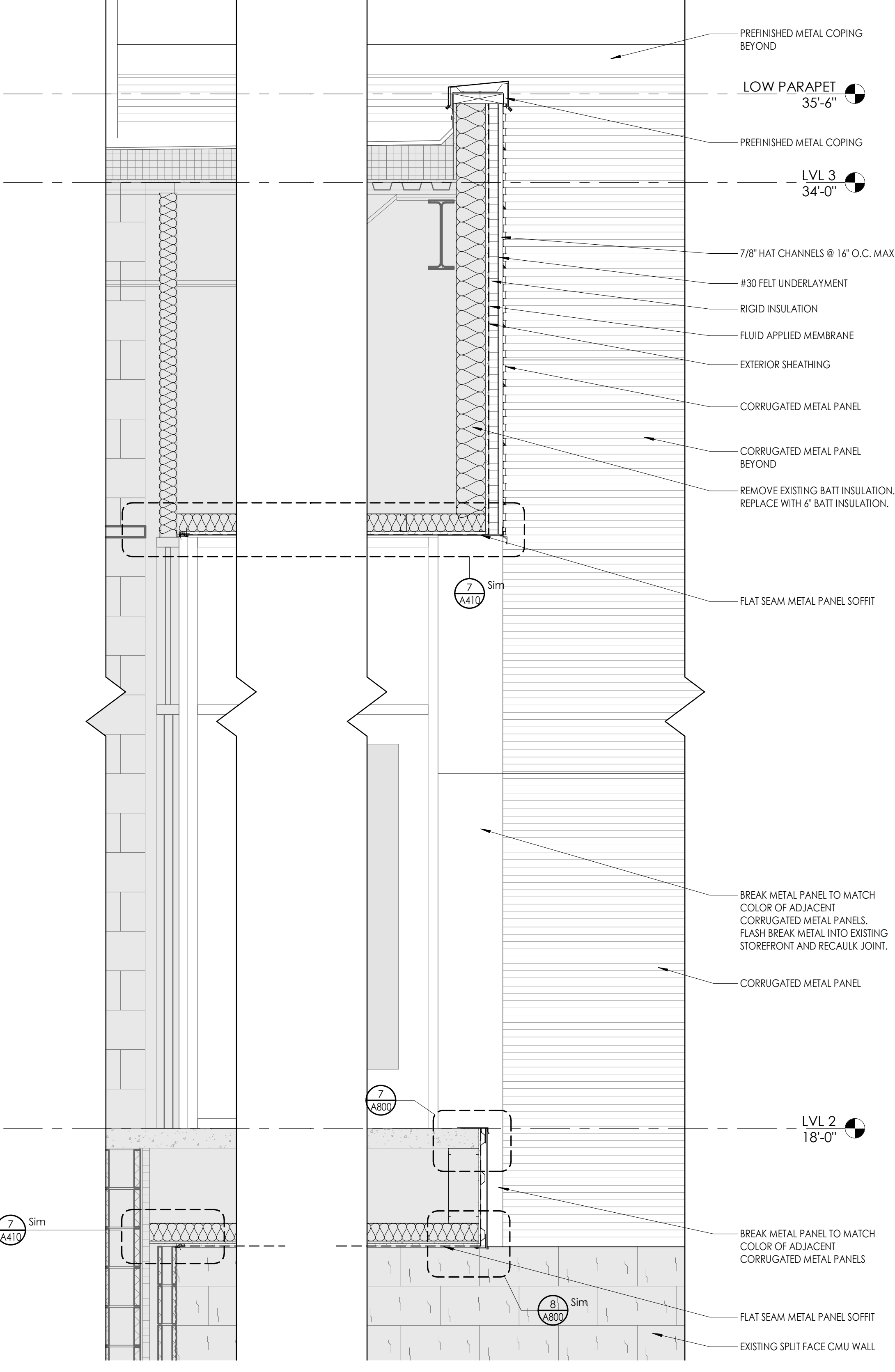
3 BALCONY WALL SECTION
3/4" = 1'-0"



2 BALCONY PLAN DETAIL
3/4" = 1'-0"



1 BALCONY DEMO PLAN
3/4" = 1'-0"



4 BALCONY DETAIL ELEVATION
3/4" = 1'-0"

HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER		DUCT SECTION - SUPPLY		DUCT SECTION - RETURN		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
ACC	AIR-COOLED CONDENSING UNIT		DUCT SECTION - EXHAUST		DUCT SECTION - ROUND DUCT IN INCHES		DUCT SECTION - FLAT OVAL DUCT IN INCHES
AD	ACCESS DOOR		DIRECTION OF FLOW		REDUCER		CAP OR PLUG
AFF	ABOVE FINISHED FLOOR		TEE OUTLET - UP		TEE OUTLET - DOWN		FLEXIBLE DUCTWORK
AHU	AIR HANDLING UNIT		UNION		GATE VALVE		BALL VALVE
BBD	BOILER BLOW DOWN		FIRE DAMPER		SMOKE DAMPER		BALANCING VALVE
BD	BACKDRAFT DAMPER		STRAINER		COMBINATION FIRE AND SMOKE DAMPER		BUTTERFLY VALVE
CA	COMPRESSED AIR		BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY		BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR		GLOBE VALVE
CD	COOLING COIL CONDENSATE DRAIN		CHECK VALVE		TRIPLE DUTY VALVE		GAS COCK, PLUG VALVE
CFM	CUBIC FEET PER MINUTE		UNDERCUT DOOR 1'		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		AIR VENT - MANUAL
CHWR	CHILLED WATER RETURN		AIR VENT - AUTOMATIC		FLANGE		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
CHWS	CHILLED WATER SUPPLY		RELIEF / SAFETY VALVE		PRESSURE REDUCING VALVE		POINT OF CONNECTION
CR	CONDENSER WATER RETURN		CONTROL VALVE, ELECTRIC 3-WAY		VACUUM BREAKER		POINT OF DISCONNECTION
CS	CONDENSER WATER SUPPLY		CONTROL VALVE, PNEUMATIC 2-WAY		AIR FLOW SENSOR		FLEXIBLE PIPE CONNECTOR
CW	DOMESTIC COLD WATER		CONTROL VALVE, PNEUMATIC 3-WAY		EXPANSION COMPENSATOR W/ GUIDES		FILTER
D	DRAIN		TURNING VANES		EXPANSION JOINT		TRANSITION SQUARE TO ROUND
(E)	EXISTING		EXISTING WORK TO BE REMOVED (HATCHED)		PIPE ANCHOR		HUMIDIFIER DISPERSION TUBE
EA	EXHAUST AIR		LONG RADIUS 90° ELBOW R/W=1.5		PIPE GUIDE		90° ELBOW WITH TURNING VANES
EC	ELECTRICAL CONTRACTOR		LONG RADIUS 45° ELBOW R/W=1.5		THERMOSTATIC TRAP		90° ELBOW WITH TURNING VANES
EF	EXHAUST FAN		DROP IN DUCT		FLOAT & THERMOSTATIC TRAP		RISE IN DUCT
ERHC	ELECTRIC REHEAT COIL		SQUARE CEILING DIFFUSER (4 WAY)		BUCKET TRAP		ROUND CEILING DIFFUSER
ETR	EXISTING TO REMAIN		SQUARE OR RECTANGULAR CEILING GRILLE		THERMOMETER		WELL
EUH	ELECTRIC UNIT HEATER		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE		PRESSURE GAUGE		STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
F&T	FLOAT AND THERMOSTATIC TRAP		SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY		PNEUMATIC (CONTROL) TUBING		BUTTERFLY VALVE WITH PNEUMATIC AND MANUAL OPERATORS
FCU	FAN-COIL UNIT		CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM		PIPING		PIPING BELOW GRADE
FFM	FEET PER MINUTE		FAN POWERED AIR TERMINAL UNIT WITH SIZE, TYPE, & CFM		BASE MOUNTED PUMP		IN-LINE PUMP
FT	FIN-TUBE		AIR TERMINAL UNIT WITH REHEAT COIL AND SOUND ATTENUATOR		SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)		SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)
GC	GENERAL CONTRACTOR		AIR TERMINAL UNIT WITH SOUND ATTENUATOR		TEMPERATURE CONTROLS CONTRACTOR		UNIT HEATER
GR	GLYCOL RETURN		AIR TERMINAL UNIT WITH REHEAT COIL		UNIT VENTILATOR		VENT
GS	GLYCOL SUPPLY		WATER-TO-AIR HEAT PUMP		WATER-TO-WATER HEAT PUMP		WALL TO WALL FIN TUBE ENCLOSURE
HC	HVAC CONTRACTOR		ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
HHWR	HEATING HOT WATER RETURN		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
HHWS	HEATING HOT WATER SUPPLY		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
Hd	HEAT PUMP		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
HPC	HIGH PRESSURE CONDENSATE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
HPS	HIGH PRESSURE STEAM		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
LPC	LOW PRESSURE CONDENSATE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
LPG	LIQUEFIED PROPANE GAS		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
LPS	LOW PRESSURE STEAM		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
MBH	1,000 BTU/HR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
MC	MECHANICAL CONTRACTOR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
MPC	MEDIUM PRESSURE CONDENSATE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
MPS	MEDIUM PRESSURE STEAM		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
MRD	MONOFLO FITTING DOWN - HHWR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
MSD	MONOFLO FITTING DOWN - HHWS		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
MUW	MAKE-UP WATER		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
NC	NORMALLY CLOSED		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
NG	NATURAL GAS		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
NO	NORMALLY OPEN		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
NTS	NOT TO SCALE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
OA	OUTSIDE AIR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
PC	PLUMBING CONTRACTOR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PD	PUMP DISCHARGE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
PHWR	PRIMARY HEATING HOT WATER RETURN		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PHWS	PRIMARY HEATING HOT WATER SUPPLY		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
RA	RETURN AIR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
RD	REFRIGERANT DISCHARGE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
RHC	HOT WATER REHEAT COIL		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
RL	REFRIGERANT LIQUID PIPE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
RSL	REFRIGERANT SUCTION PIPE		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
RTU	ROOFTOP UNIT		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
RV	ROOF VENT		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
SA	SUPPLY AIR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
SHWR	SECONDARY HEATING HOT WATER RETURN		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
SHWS	SECONDARY HEATING HOT WATER SUPPLY		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
TC	TEMPERATURE CONTROLS CONTRACTOR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
UH	UNIT HEATER		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
UV	UNIT VENTILATOR		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
V	VENT		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK
WAHP	WATER-TO-AIR HEAT PUMP		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
WWHP	WATER-TO-WATER HEAT PUMP		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK		ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK

MECHANICAL SHEET LIST	
H000	HVAC SYMBOLS LEGEND AND CONTRACTOR NOTES
H101	HVAC LEVEL 1 DEMOLITION FLOOR PLAN - AREA A
H102	HVAC LEVEL 1 DEMOLITION FLOOR PLAN - AREA B
H103	HVAC LEVEL 1 DEMOLITION FLOOR PLAN - AREA C
H104	HVAC LEVEL 2 DEMOLITION FLOOR PLAN - AREA A
H105	



KEY NOTES:

- 1 REMOVE EXISTING TEMPERATURE SENSOR/THERMOSTAT.
- 2 REMOVE EXISTING PNEUMATIC TERMINAL, CONTROLLER, CONTROL VALVE AND ACTUATOR.
- 3 REMOVE EXISTING PNEUMATIC AIR HANDLING UNIT CONTROLLER, CONTROL VALVE, ACTUATOR, DAMPER ACTUATORS, ETC.
- 4 REMOVE EXISTING PNEUMATIC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR CABINET VENTILATOR.

PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY

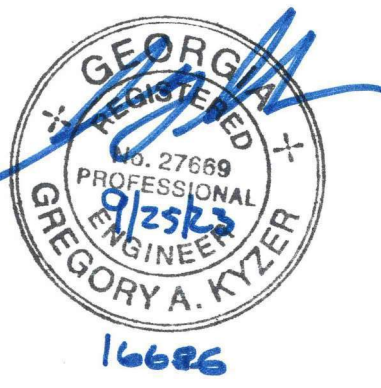
Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**

Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

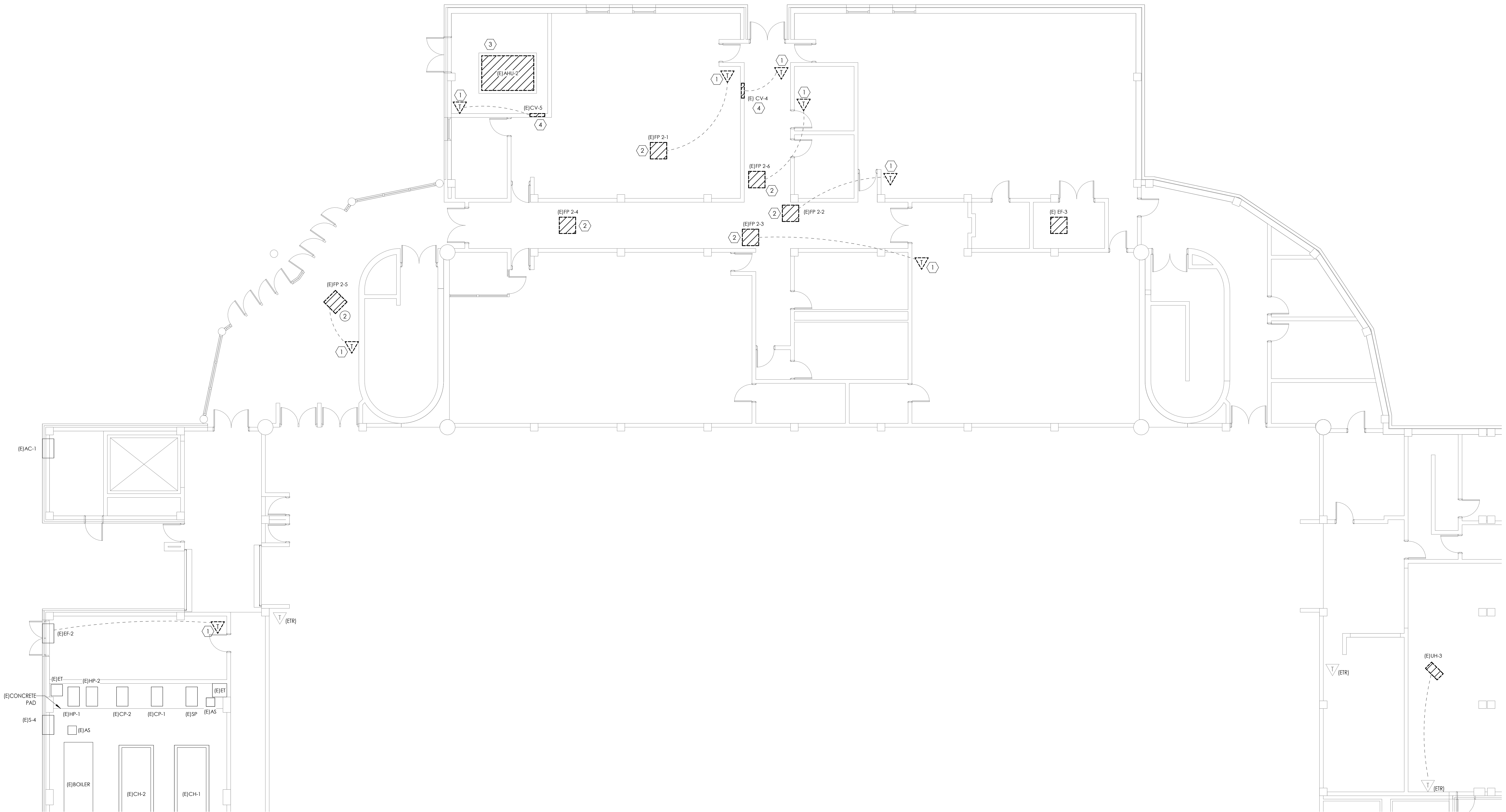
Date Description

PROFESSIONAL STAMPS

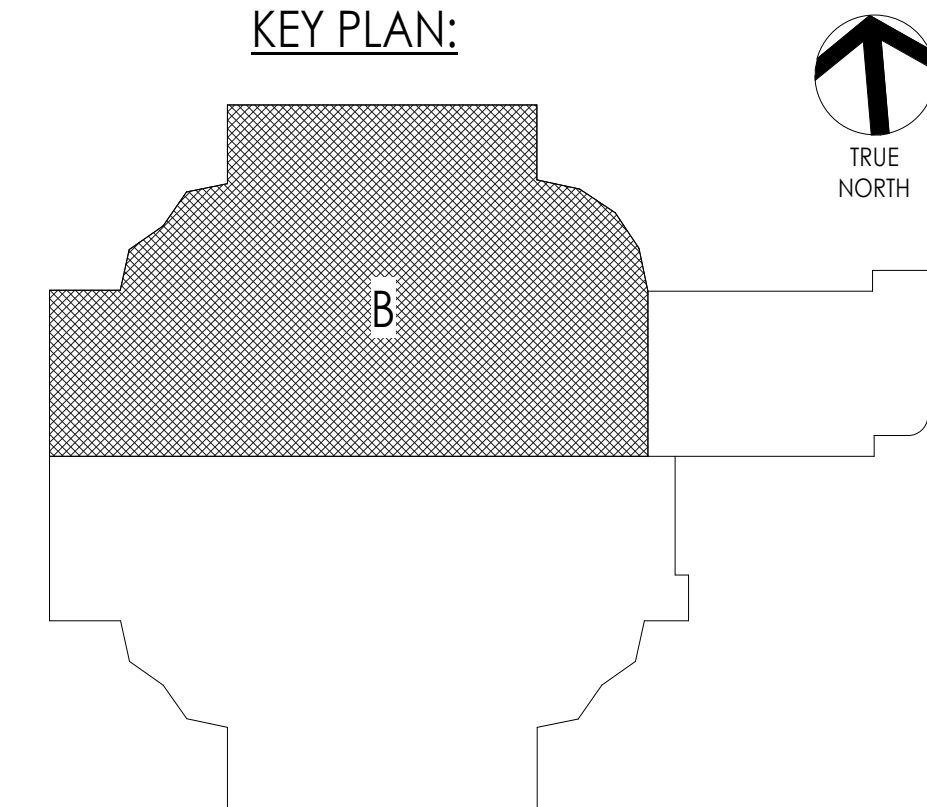


SHEET INFORMATION

Name
09/25/2023
Project Status
PERMIT SET
Drawn By
LSB
Checked By
GFK
Drawing Title
HVAC LEVEL 1 DEMOLITION
FLOOR PLAN - AREA B
Drawing Number



1
H102
HVAC LEVEL 1 DEMOLITION PLAN - AREA B
1/8" = 1'-0"





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KEY NOTES

- ① REMOVE EXISTING TEMPERATURE SENSOR/THERMOSTAT.
- ② REMOVE EXISTING PNEUMATIC CONTROL VALVE AND ACTUATOR.
- ③ REMOVE EXISTING PNEUMATIC AIR HANDLING UNIT CONTROLLER, CONTROL VALVE, ACTUATOR, DAMPER ACTUATORS, ETC.

PROJECT INFORMATION

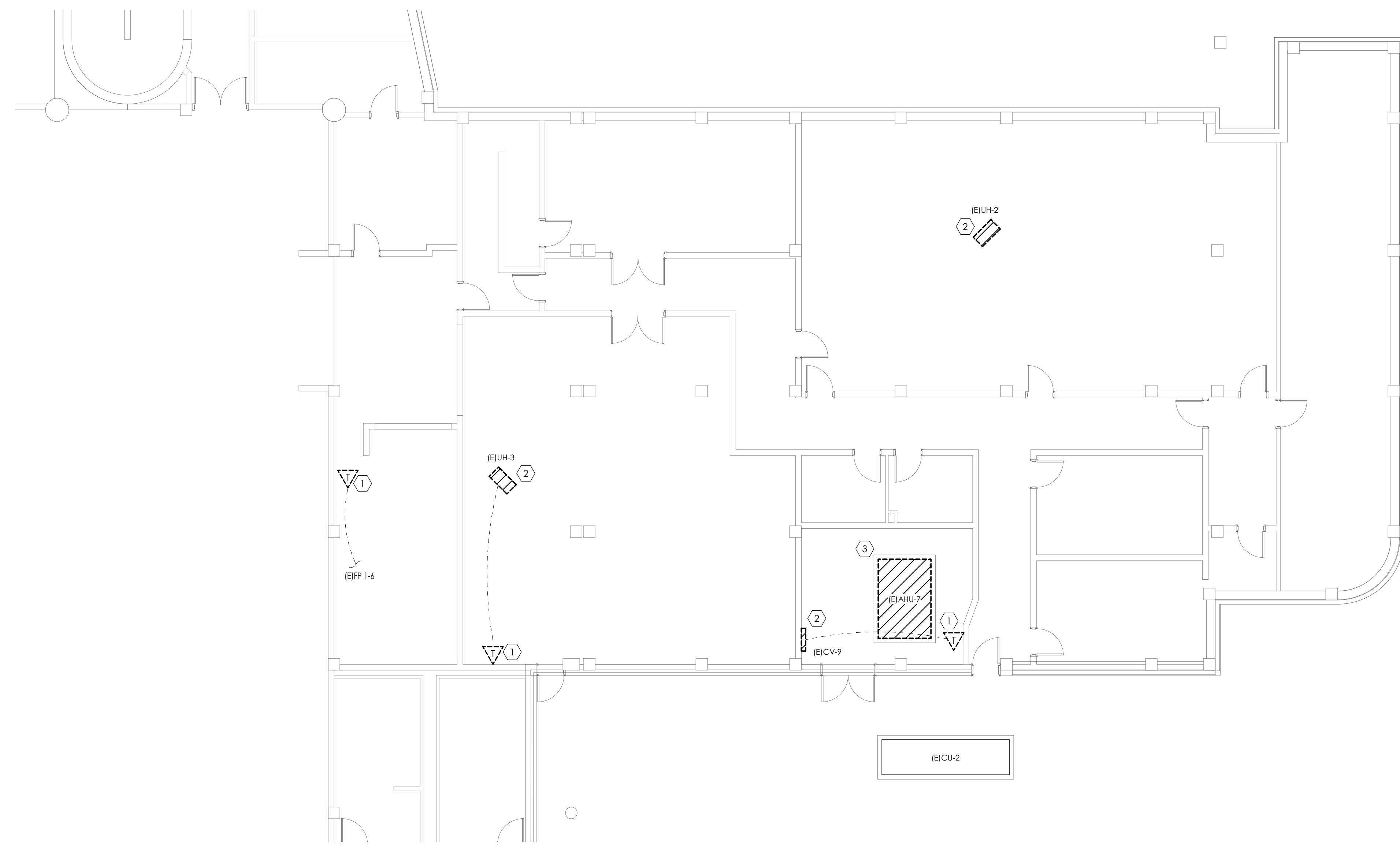
Project Number
16686.00
 Client Name
AUGUSTA UNIVERSITY

Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**

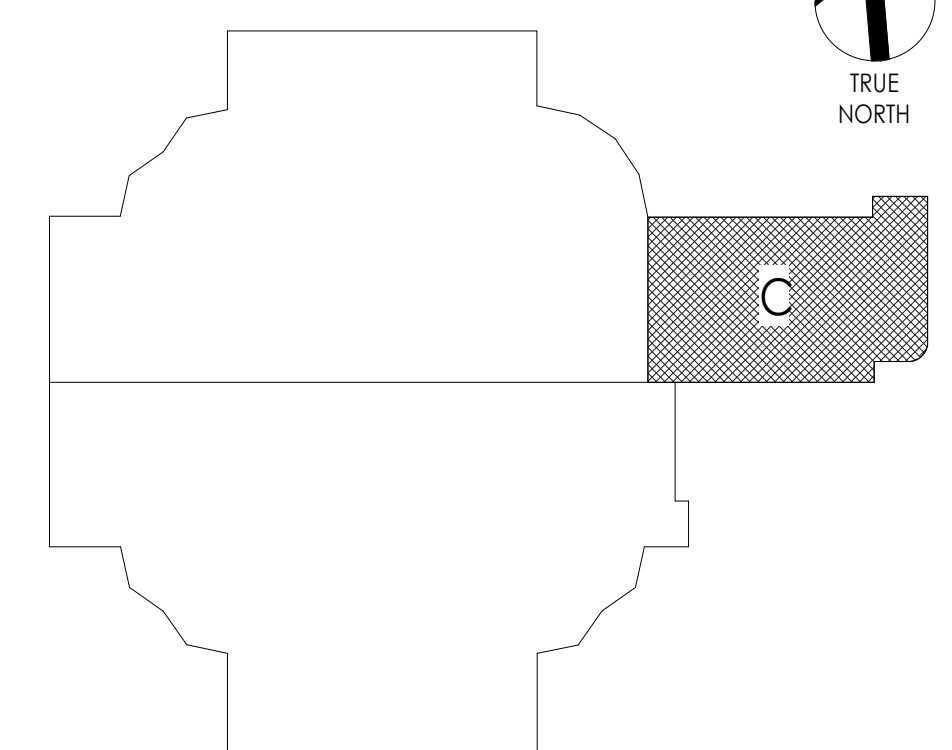
Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Date Description

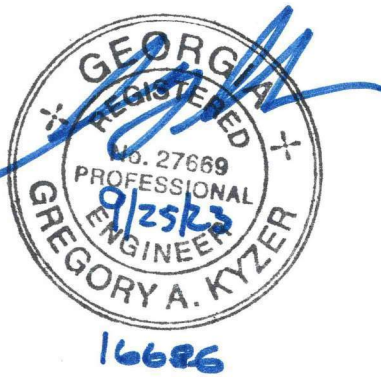


KEY PLAN:



1 HVAC LEVEL 1 DEMOLITION PLAN - AREA C
 H103 1/8" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

Name
09/25/2023 Scale
1/8" = 1'-0"
 Project Status
PERMIT SET
 Drawn By
LSB Checked By
GFK
 Drawing Title
HVAC LEVEL 1 DEMOLITION
FLOOR PLAN - AREA C
 Drawing Number

H103



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 Woodstock, GA 30189
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KEY NOTES

- 1 REMOVE EXISTING TEMPERATURE SENSOR/THERMOSTAT.
- 2 REMOVE EXISTING PNEUMATIC CONTROL VALVE AND ACTUATOR.
- 3 REMOVE EXISTING PNEUMATIC AIR HANDLING UNIT CONTROLLER, CONTROL VALVE, ACTUATOR, DAMPER ACTUATORS, ETC.

PROJECT INFORMATION

Project Number
 16686.00
 Client Name
AUGUSTA UNIVERSITY

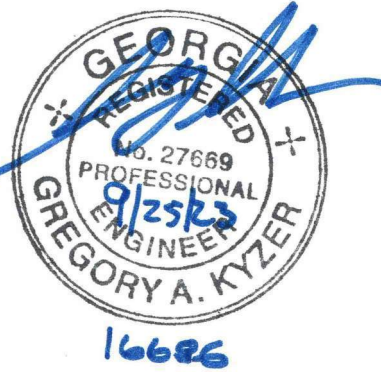
Project Name
**J-381 AUGUSTA UNIVERSITY -
 CHRISTENBERRY FIELD HOUSE**

Project Address
 3109 Wrightsboro Road
 Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Issue Number	Date	Description

PROFESSIONAL STAMPS

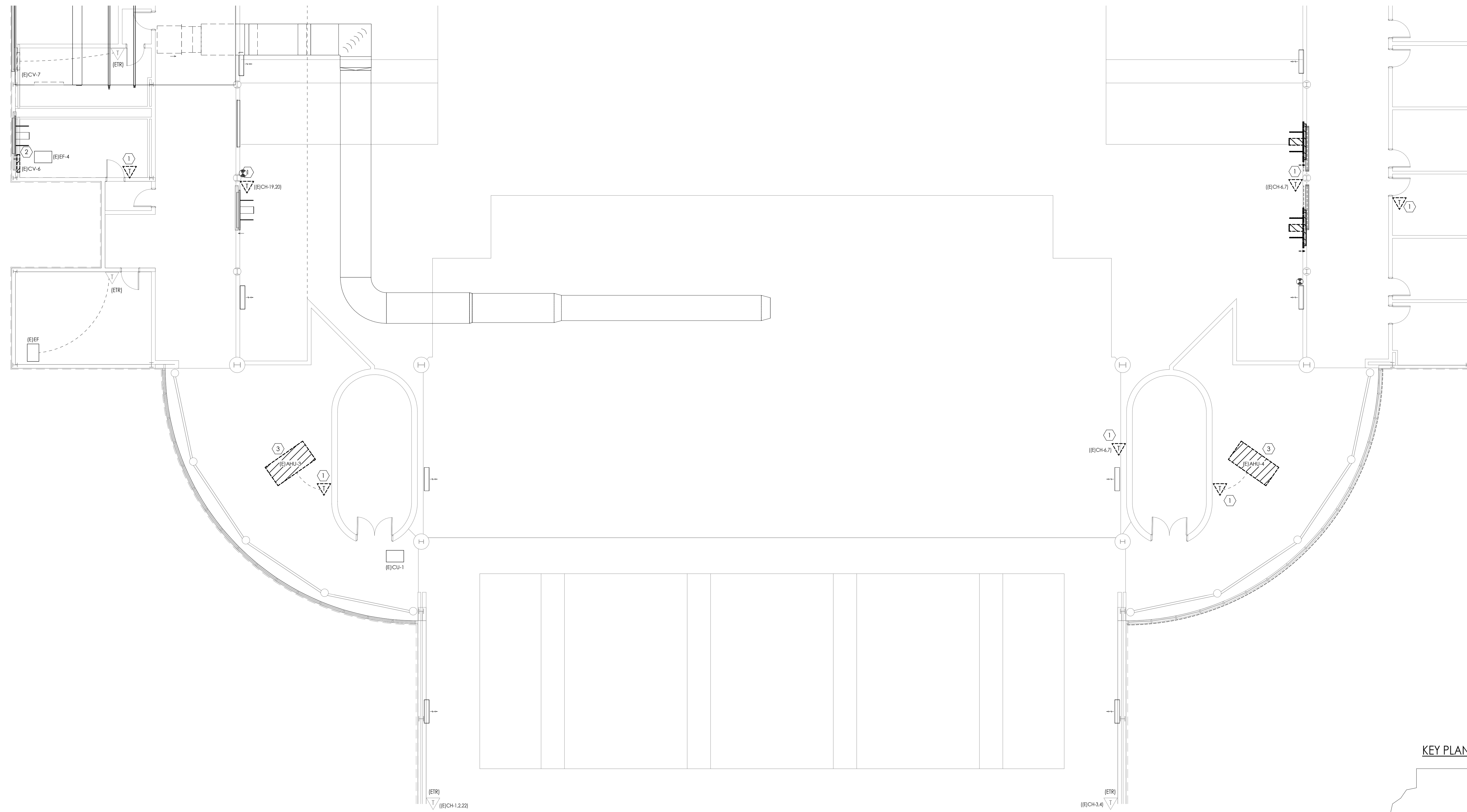


SHEET INFORMATION

Name
 09/25/2023
 PERMIT SET
 Drawn By
 LBS
 Scale
 1/8" = 1'-0"
 Project Status
 Checked By
 GFK
 Drawing Title
**HVAC LEVEL 2 DEMOLITION
 FLOOR PLAN - AREA A**

Drawing Number

H104



1
 H104
HVAC LEVEL 2 DEMOLITION FLOOR PLAN - AREA A
 1/8" = 1'-0"



KEY NOTES

- ① REMOVE EXISTING TEMPERATURE SENSOR/THERMOSTAT.
- ② REMOVE EXISTING PNEUMATIC TERMINAL, CONTROLLER, CONTROL VALVE AND ACTUATOR.
- ③ REMOVE EXISTING PNEUMATIC AIR HANDLING UNIT CONTROLLER, CONTROL VALVE, ACTUATOR, DAMPER ACTUATORS, ETC.

PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**

Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Date Description

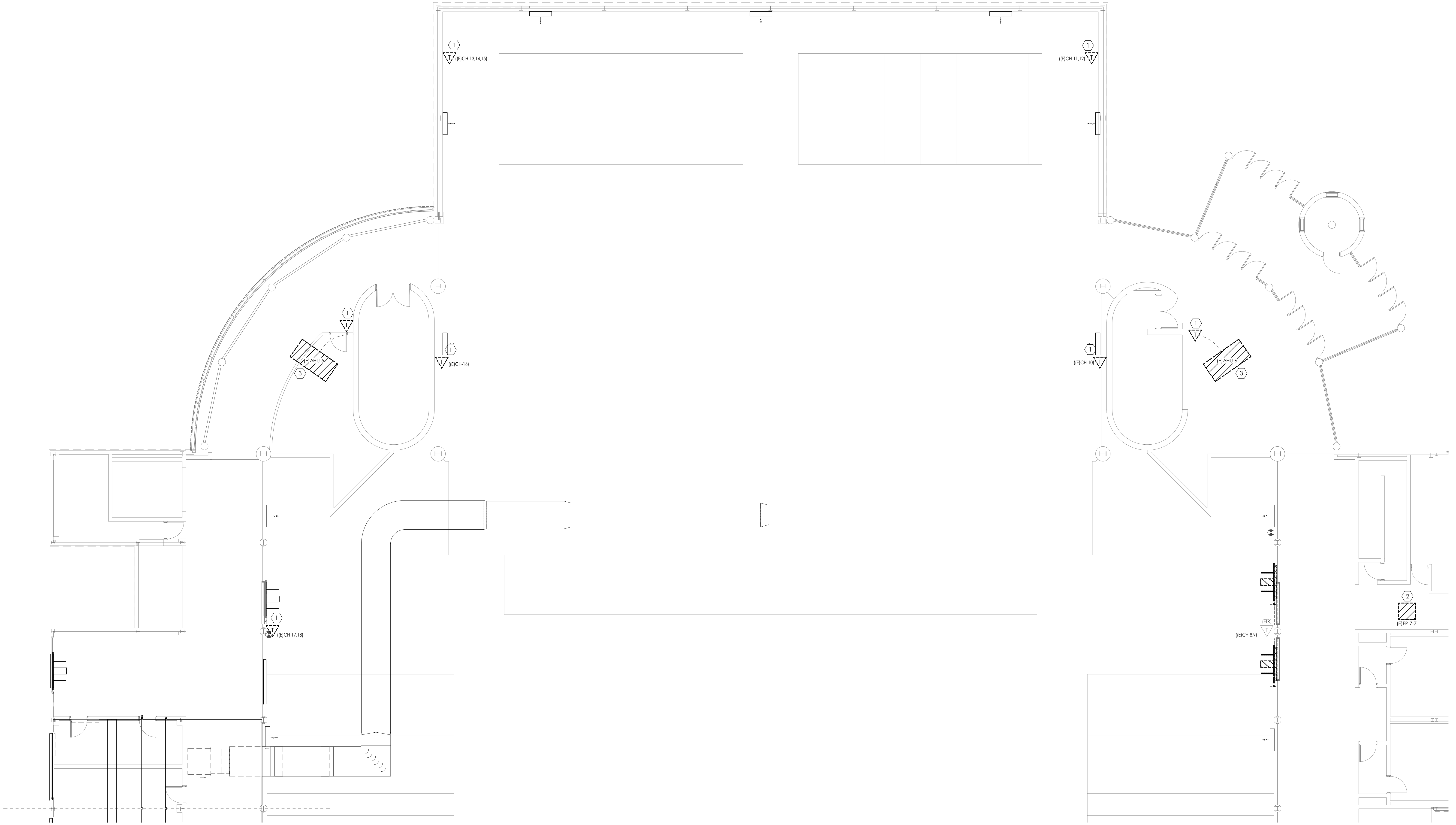
PROFESSIONAL STAMPS



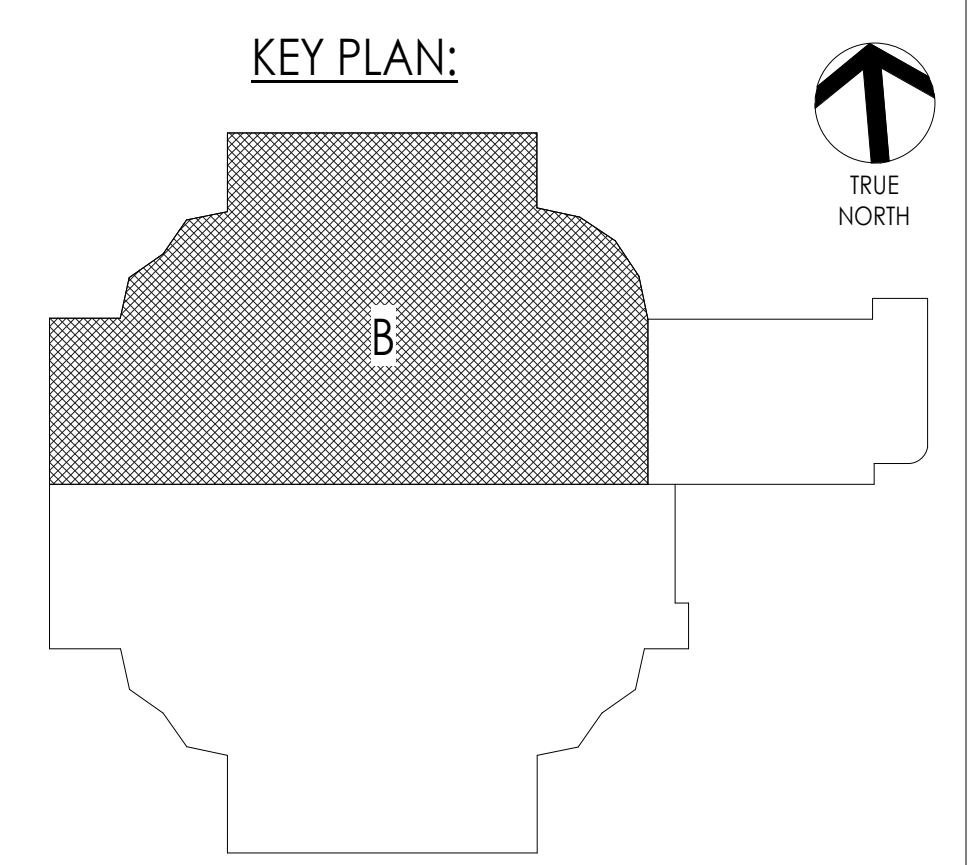
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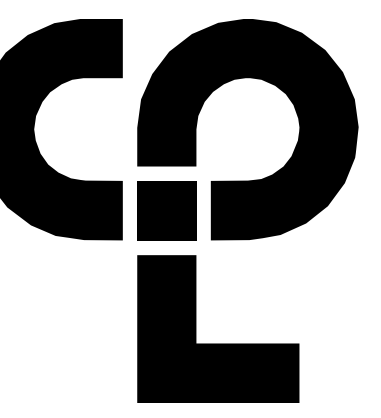
Name
09/25/2023
Project Status
PERMIT SET
Drawn By
LSB
Checked By
GFK
Drawing Title
HVAC LEVEL 2 DEMOLITION
FLOOR PLAN - AREA B
Drawing Number

H105



① HVAC LEVEL 2 DEMOLITION FLOOR PLAN - AREA B
1/8" = 1'-0"





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KEY NOTES

- ① REMOVE EXISTING TEMPERATURE SENSOR/THERMOSTAT.
- ② REMOVE EXISTING PNEUMATIC TERMINAL, CONTROLLER, CONTROL VALVE AND ACTUATOR.

PROJECT INFORMATION

Project Number
16686.00

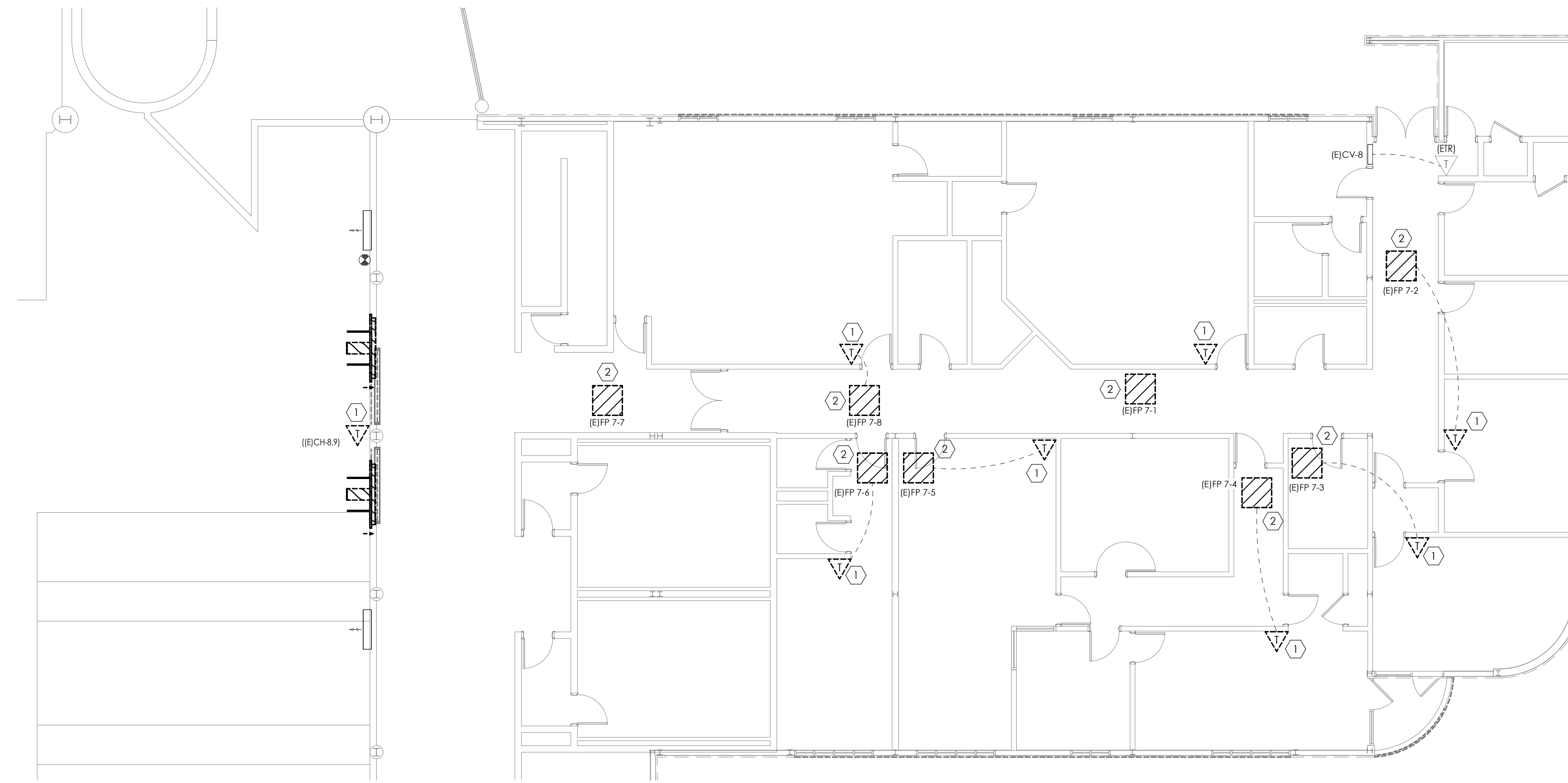
Client Name
AUGUSTA UNIVERSITY

Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wightsboro Road
Augusta, GA 30909

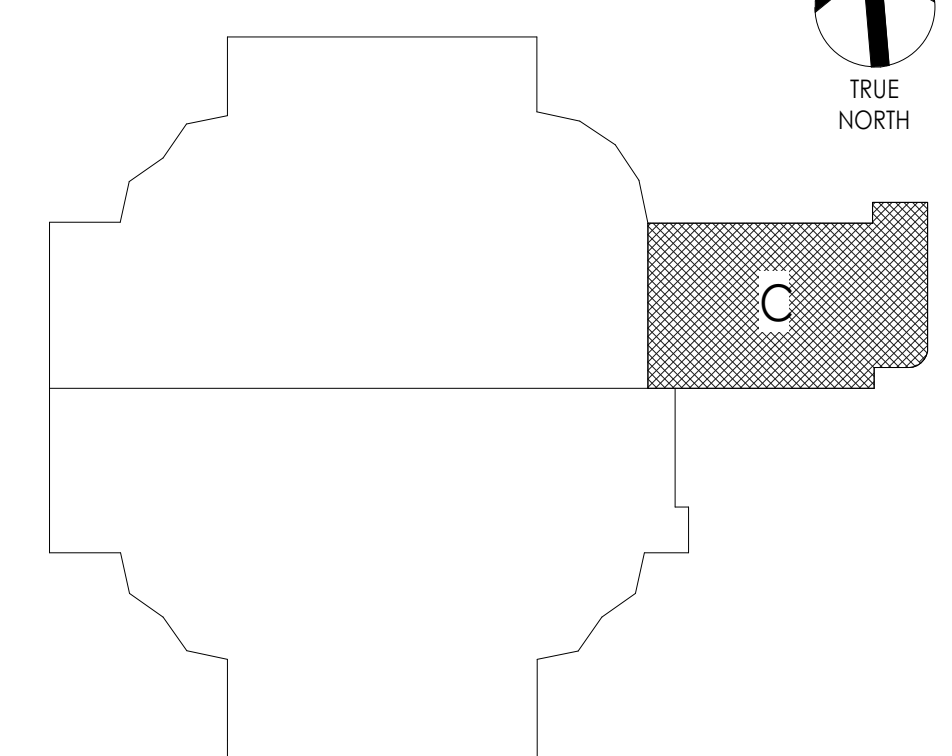
PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description

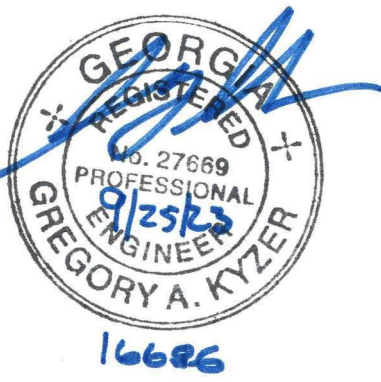


① **HVAC LEVEL 2 DEMOLITION FLOOR PLAN - AREA C**
H106 1/8" = 1'-0"

KEY PLAN:



PROFESSIONAL STAMPS



SHEET INFORMATION

Date: 09/25/2023 Scale: 1/8" = 1'-0"
Project Status: PERMIT SET
Drawn By: LBS Checked By: GFK
Drawing Title: HVAC LEVEL 2 DEMOLITION FLOOR PLAN - AREA C

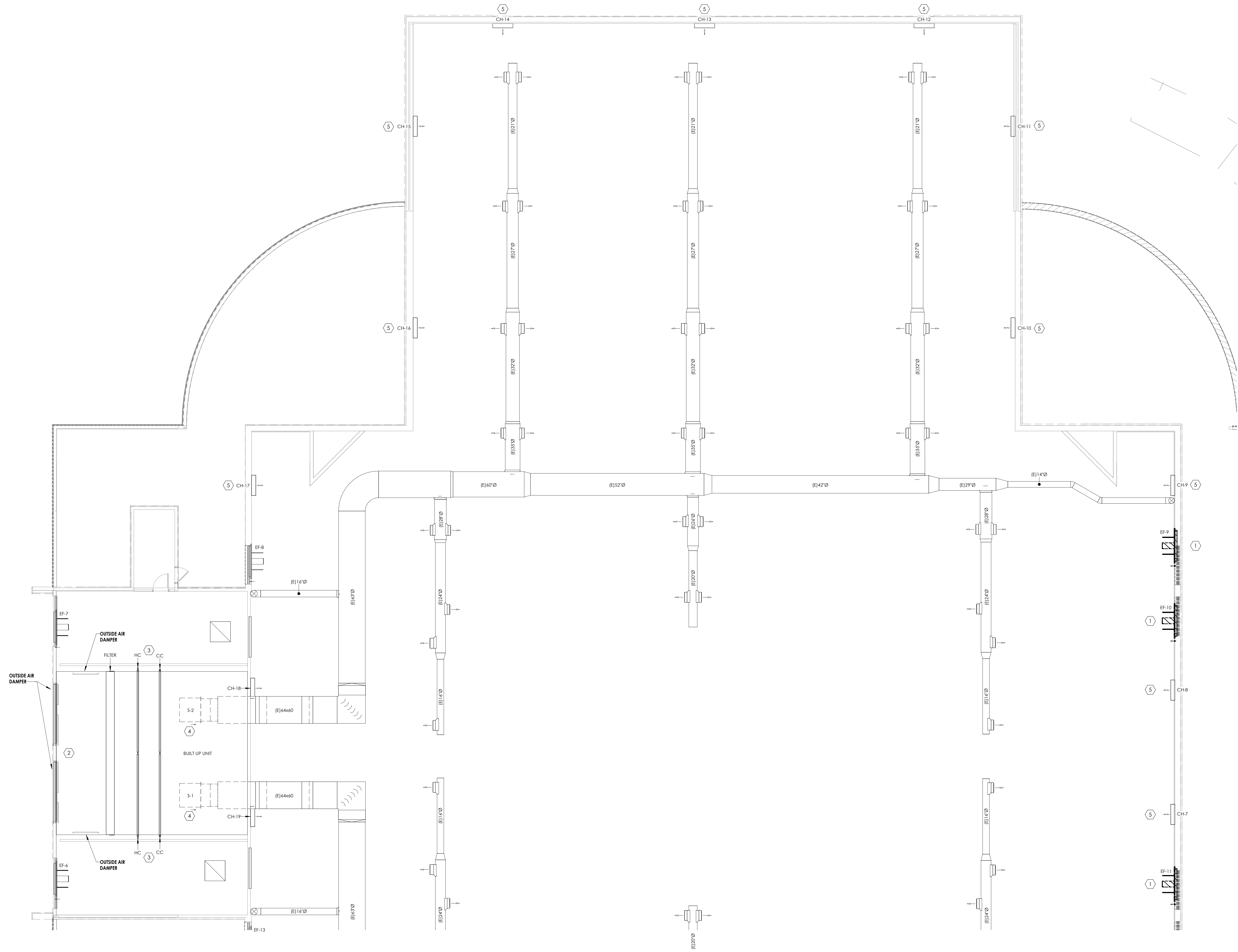
Drawing Number

H106



KEY NOTES

- ① REMOVE EF-9, EF-10, EF-11 AND EF-12. WALL TO BE INFILLED.
- ② REMOVE EXISTING BUILT-UP AHU CONTROLS INCLUDING ALL ACTUATORS, CONTROLLER AND SENSORS.
- ③ REMOVE EXISTING HOT WATER CONTROL VALVES AND CHILLED WATER CONTROL VALVES.
- ④ REMOVE EXISTING S-1 AND S-2 VARIABLE FREQUENCY DRIVES.
- ⑤ REMOVE EXISTING PNEUMATIC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR EXISTING CABINET VENTILATOR.



PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY
Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description

PROFESSIONAL STAMPS



SHEET INFORMATION

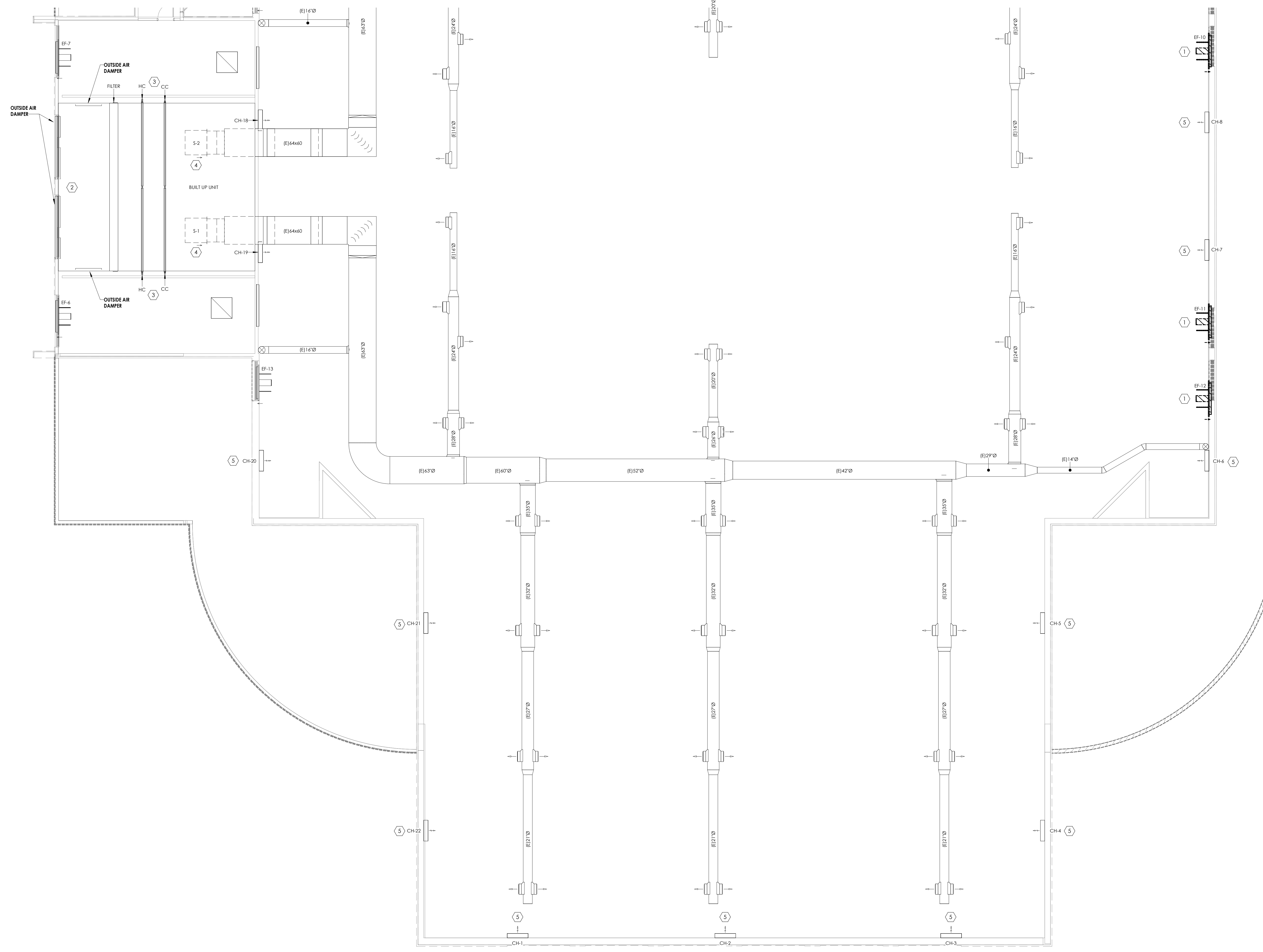
Name: _____ Scale: 1/8" = 1'-0"
Date: 09/25/2023
Project Status: PERMIT SET
Drawn By: TB
Checked By: GFK
Drawing Title: HVAC LEVEL 3 DEMOLITION FLOOR PLAN AREA A
Drawing Number: _____

1
H107
HVAC LVL 3 DEMOLITION PLAN AREA A
1/8" = 1'-0"



KEY NOTES

- ① REMOVE EF-9, EF-10, EF-11 AND EF-12. WALL TO BE INFILLED.
- ② REMOVE EXISTING BUILT UP AHU CONTROLS INCLUDING ALL ACTUATORS, CONTROLLER AND SENSORS.
- ③ REMOVE EXISTING HOT WATER CONTROL VALVES AND CHILLED WATER CONTROL VALVES.
- ④ REMOVE EXISTING S-1 AND S-2 VARIABLE FREQUENCY DRIVES.
- ⑤ REMOVE EXISTING PNEUMATIC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR EXISTING CABINET VENTILATOR.



PROJECT INFORMATION

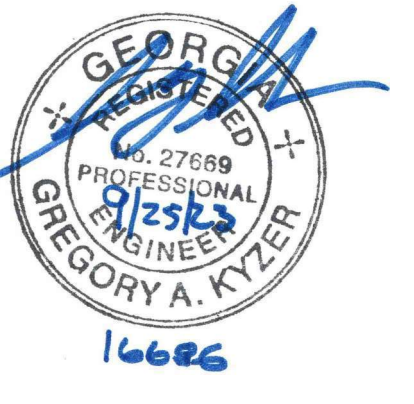
Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY
Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wightshoro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description
1		EF-10
5		CH-8
5		CH-7
1		EF-11
1		EF-12
5		CH-6

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue: 09/25/2023
Scale: 1/8" = 1'-0"
Project Status: PERMIT SET
Drawn By: TB
Checked By: GFK
Drawing Title: HVAC LEVEL 3 DEMOLITION FLOOR PLAN AREA B
Drawing Number:



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 613 Molly Lane Suite 100,
 Woodstock, GA 30189
 CPLteam.com

KEY NOTES:

- 1 INSTALL NEW TEMPERATURE SENSOR PER SPECIFICATION SECTION 930913.
- 2 INSTALL NEW AIR HANDLING UNIT DDC CONTROLLER PER SPECIFICATION SECTION 930913. TIE INTO EXISTING FACILITY BMS. INSTALL NEW CHILLED WATER CONTROL VALVE, NEW HOT WATER CONTROL VALVE, NEW DAMPER ACTUATORS, TEMPERATURE SENSORS, NEW HUMIDITY SENSOR, DIFFERENTIAL PRESSURE SWITCH, LOW AND HIGH STATIC SWITCHES, VFD ETC. TO OPERATE AHU WITH DDC CONTROLLER AS PROSCRIBED IN SEQUENCE OF OPERATIONS SHEET H500. INSTALL EBTRON GOLD SERIES AIRFLOW MONITORING STATIONS IN OUTSIDE AIR, SUPPLY AND RETURN DUCTS, LOCK INTO FULLY OPEN POSITION INLET GUIDE VANES OR REMOVE COMPLETELY.
- 3 INSTALL NEW FAN POWERED TERMINAL UNIT CONTROLLER PER SPECIFICATION SECTION 930913. TIE INTO ASSOCIATED AHU CONTROLLER AND BMS.
- 4 INSTALL NEW DDC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR CABINET VENTILATOR PER SPECIFICATION SECTION 930913. MULTIPLE UNITS CAN BE CONTROLLED BY A SINGLE CONTROLLER.

PROJECT INFORMATION

Project Number
 16686.00
 Client Name
AUGUSTA UNIVERSITY

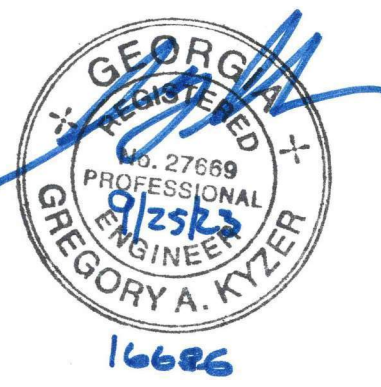
Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address
 3109 Wightsboro Road
 Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Issue No. Description

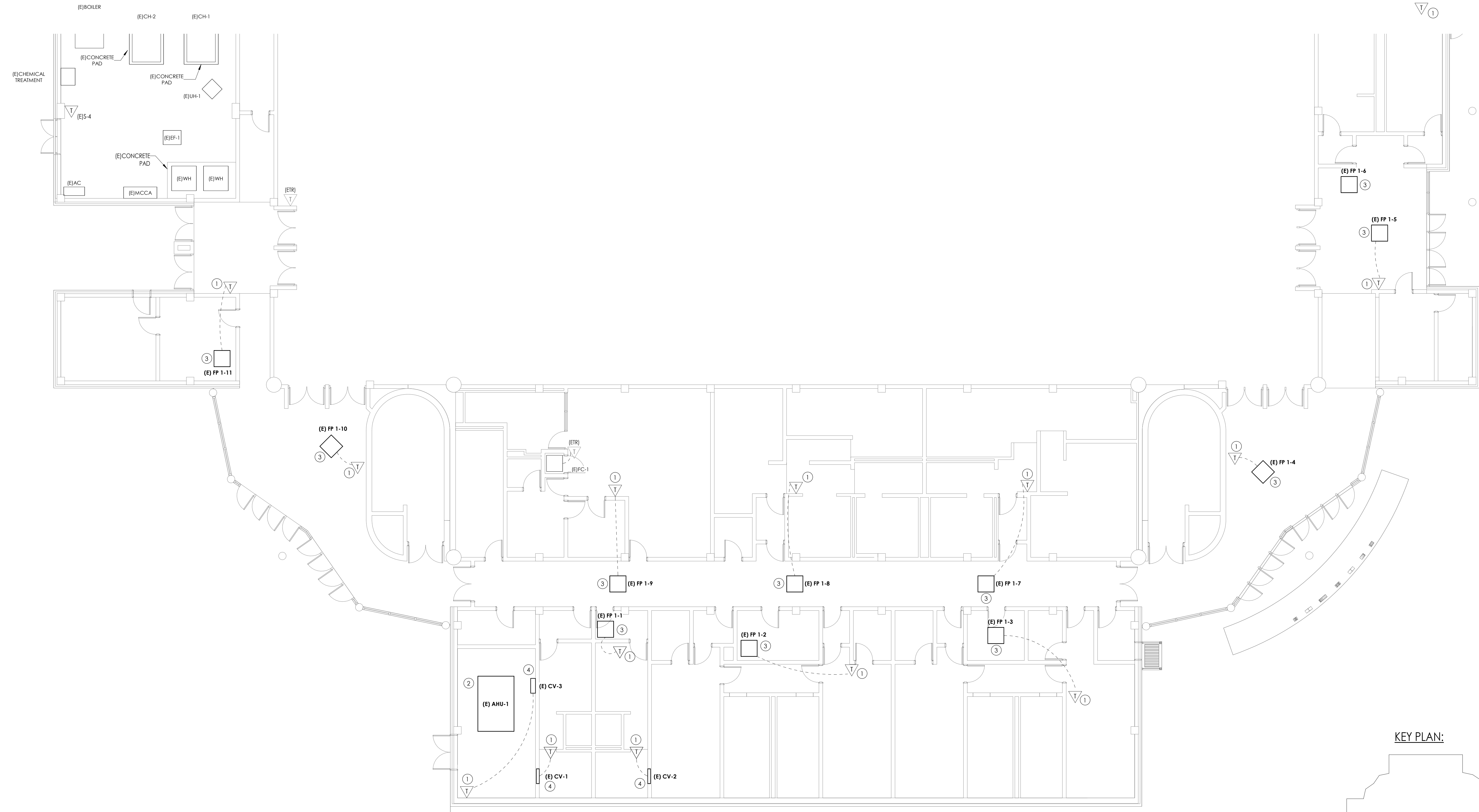
PROFESSIONAL STAMPS



SHEET INFORMATION

Name
 09/25/2023
 Project Status
 PERMIT SET
 Drawn By
 LBS
 Drawing Title
HVAC LEVEL 1 NEW WORK PLAN - AREA A
 Drawing Number

H201



1 HVAC LEVEL 1 NEW WORK PLAN - AREA A
 H201 1/8" = 1'-0"

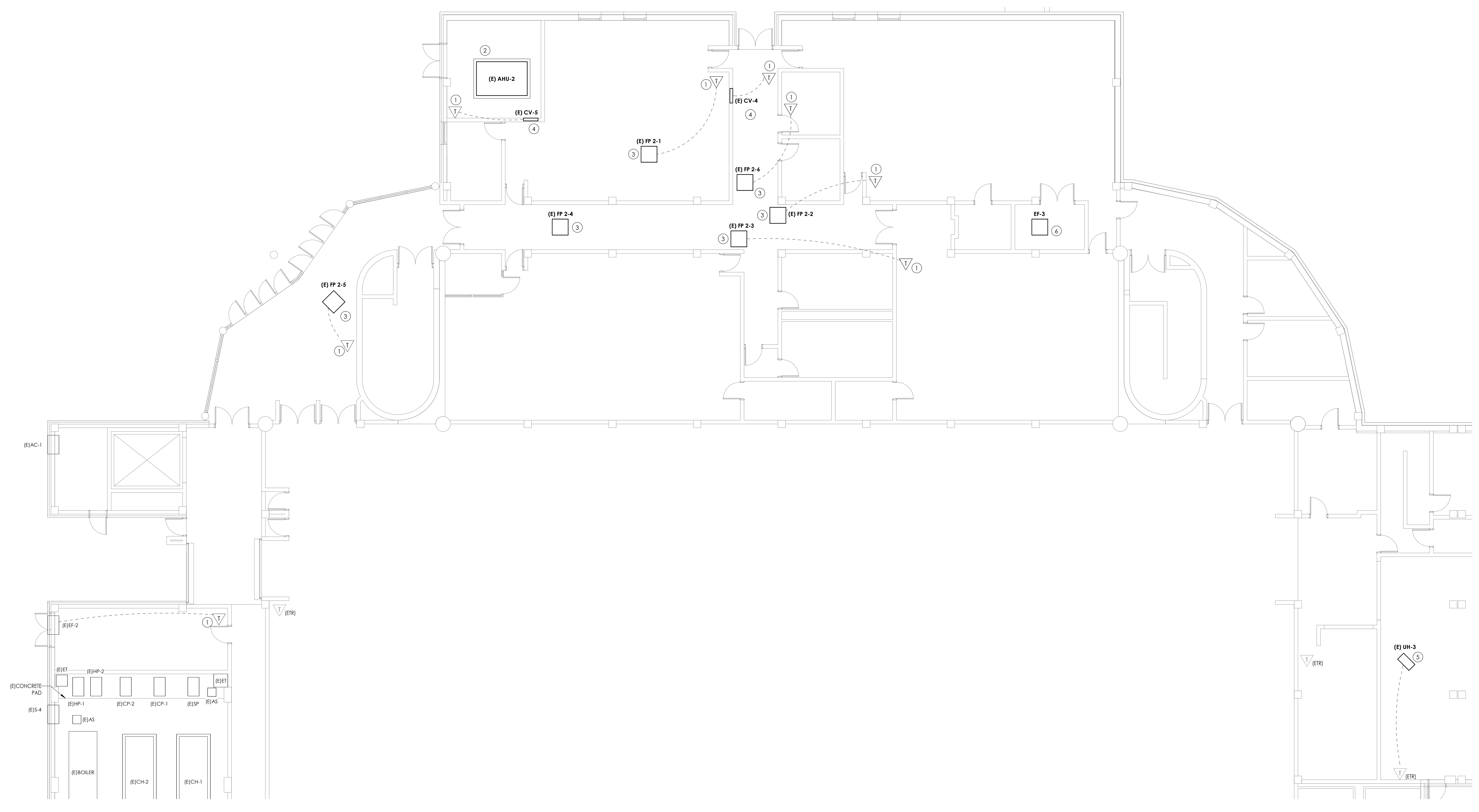
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CPL | Architecture Engineering Planning
613 Molly Lane Suite 100,
Woodstock, GA 30189
CPLteam.com

KEY NOTES:

- 1 INSTALL NEW TEMPERATURE SENSOR PER SPECIFICATION SECTION 930913.
- 2 INSTALL NEW AIR HANDLING UNIT DDC CONTROLLER PER SPECIFICATION SECTION 930913, TIE INTO EXISTING FACILITY BMS. INSTALL NEW CHILLED WATER CONTROL VALVE, NEW DAMPER ACTUATORS, TEMPERATURE SENSORS, NEW HUMIDITY SENSOR, DIFFERENTIAL PRESSURE SWITCH, LOW AND HIGH STATIC SWITCHES, VFD ETC. TO OPERATE AHU WITH DDC CONTROLLER AS PROSCRIBED IN SEQUENCE OF OPERATIONS SHEET H202. INSTALL EBTRON GOLD SERIES AIRFLOW MONITORING STATIONS IN OUTSIDE AIR SUPPLY AND RETURN DUCTS. LOCK INLET GUIDE VANES INTO FULLY OPEN POSITION OR REMOVE COMPLETELY.
- 3 INSTALL NEW FAN POWERED TERMINAL UNIT CONTROLLER PER SPECIFICATION SECTION 930913, TIE INTO ASSOCIATED AHU CONTROLLER AND BMS.
- 4 INSTALL NEW DDC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR CABINET VENTILATOR PER SPECIFICATION SECTION 930913. MULTIPLE UNITS CAN BE CONTROLLED BY A SINGLE CONTROLLER.
- 5 INSTALL NEW UNIT HEATER CONTROLLER, CONTROL VALVE AND ACTUATOR PER SPECIFICATION SECTION 930913.
- 6 FAN TO BE INTERLOCKED WITH [E] AHU-2.



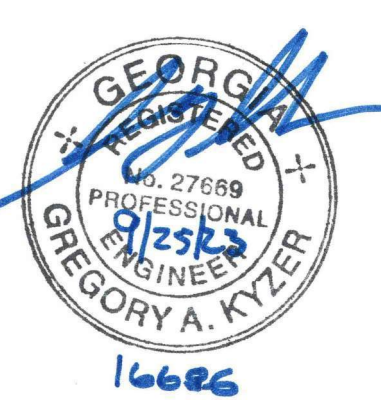
PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY
Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE
Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

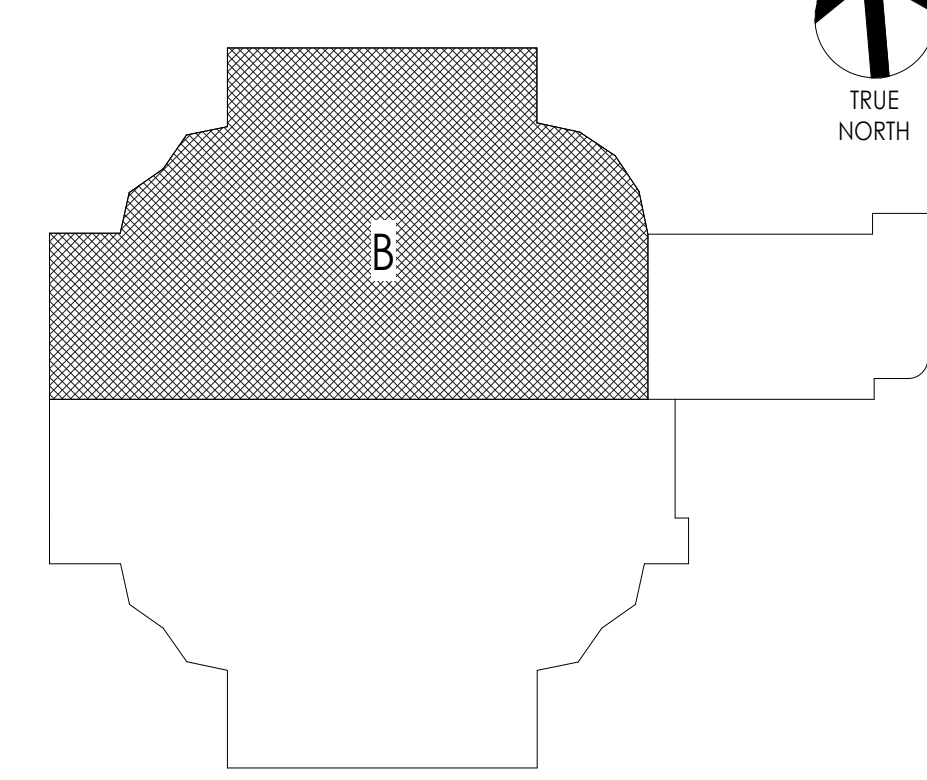
Issue No.	Date	Description

PROFESSIONAL STAMPS



1
H202
HVAC LEVEL 1 NEW WORK PLAN - AREA B
1/8" = 1'-0"

KEY PLAN:



SHEET INFORMATION

Name
09/25/2023
Project Status
PERMIT SET
Drawn By
LSB
Checked By
GFK
Drawing Title
HVAC LEVEL 1 NEW WORK PLAN - AREA B
Drawing Number

H202



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 613 Molly Lane Suite 100,
 Woodstock, GA 30189
 CPLteam.com

KEY NOTES:

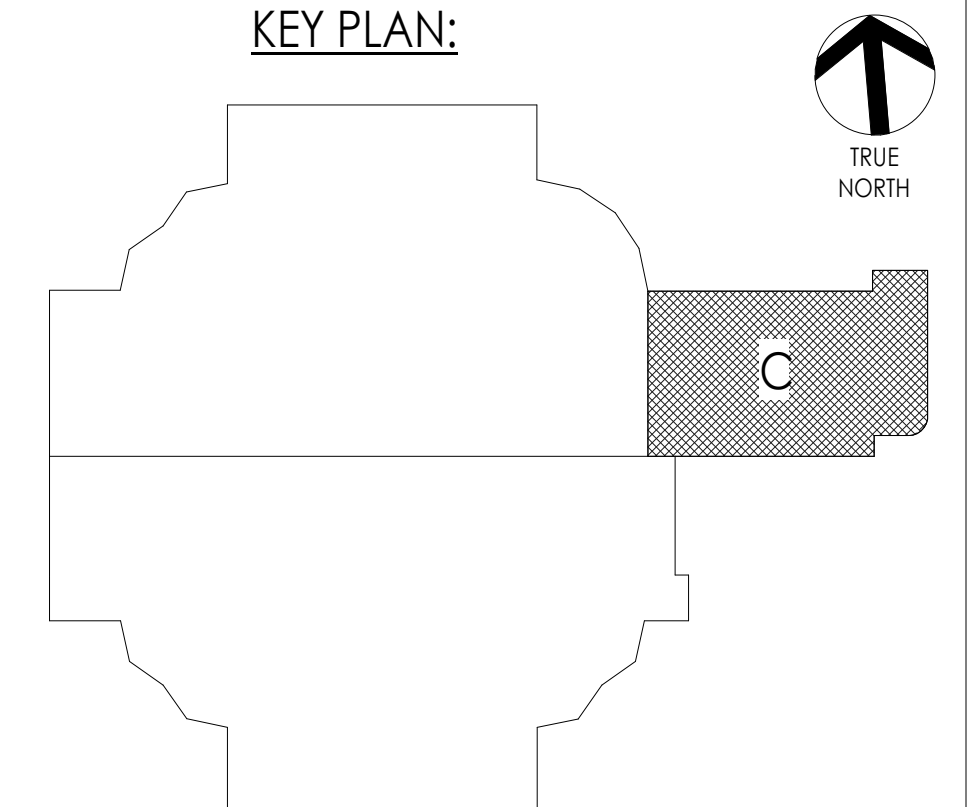
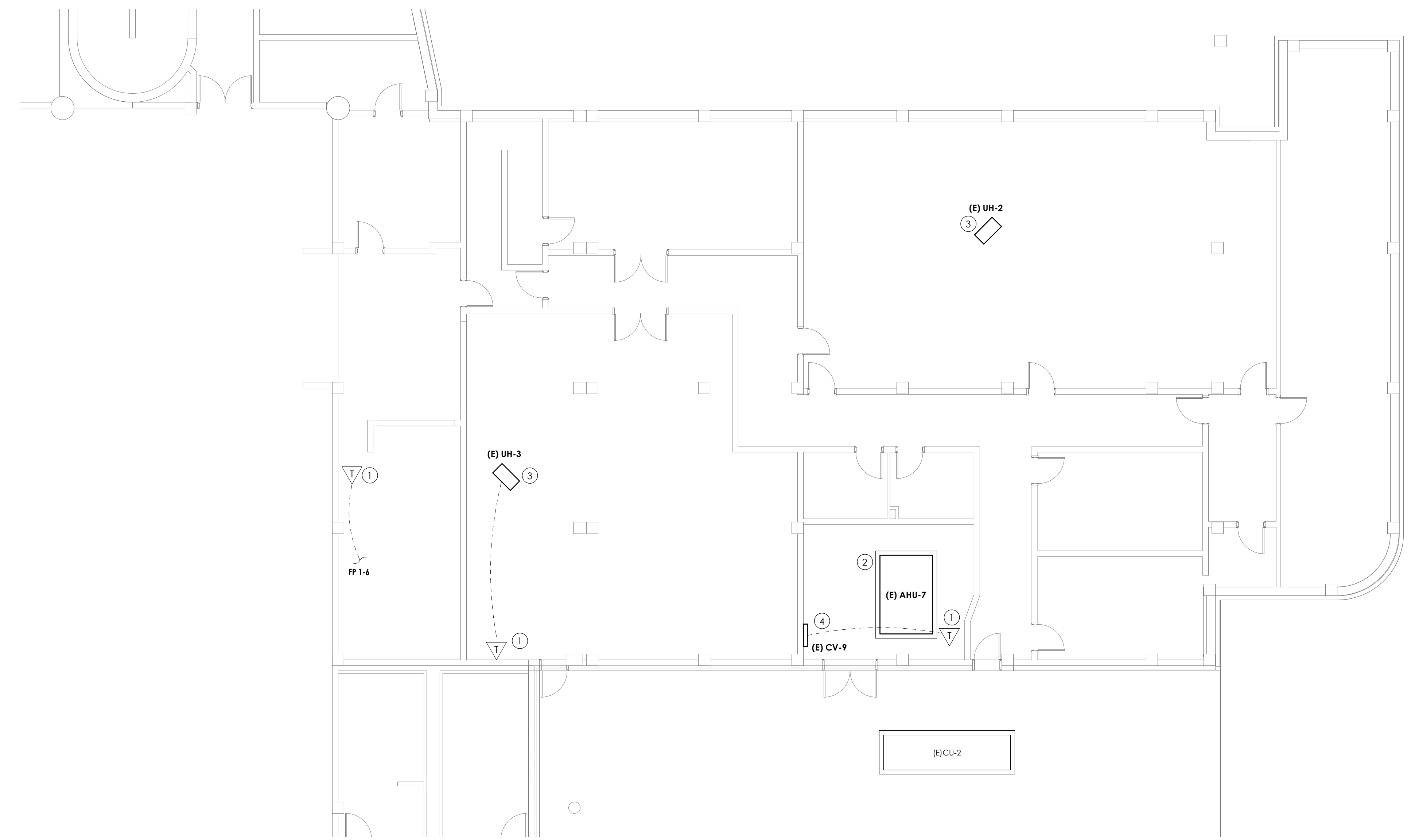
- ① INSTALL NEW TEMPERATURE SENSOR PER SPECIFICATION SECTION 930913.
- ② INSTALL NEW AIR HANDLING UNIT DDC CONTROLLER PER SPECIFICATION SECTION 930913. TIE INTO EXISTING FACILITY BAS. INSTALL NEW CHILLED WATER CONTROL VALVE, NEW DAMPER ACTUATORS, TEMPERATURE SENSORS, NEW HUMIDITY SENSOR, DIFFERENTIAL PRESSURE SWITCH, LOW AND HIGH STATIC SWITCHES, VFD ETC. TO OPERATE AHU WITH DDC CONTROLLER AS PROSCRIBED IN SEQUENCE OF OPERATIONS SHEET H300. INSTALL BRON GOLD SERIES AIRFLOW MONITORING STATIONS IN OUTSIDE AIR, SUPPLY AND RETURN DUCTS. LOCK INLET GUIDE VANES INTO FULLY OPEN POSITION OR REMOVE COMPLETELY.
- ③ INSTALL NEW UNIT HEATER CONTROLLER, CONTROL VALVE AND ACTUATOR PER SPECIFICATION SECTION 930913.
- ④ INSTALL NEW DDC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR CABINET VENTILATOR PER SPECIFICATION SECTION 930913. MULTIPLE UNITS CAN BE CONTROLLED BY A SINGLE CONTROLLER.

PROJECT INFORMATION

Project Number
16686.00
 Client Name
AUGUSTA UNIVERSITY
 Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE
 Project Address
3109 Wrightsboro Road
Augusta, GA 30909

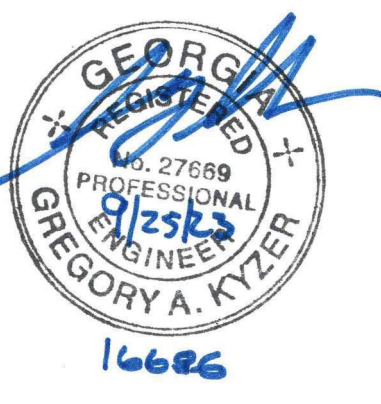
PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description



1 HVAC LEVEL 1 NEW WORK PLAN - AREA C
 H203 1/8" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

Name
09/25/2023 Scale
1/8" = 1'-0"
 Project Status
PERMIT SET
 Drawn By
LSB Checked By
GFK
 Drawing Title
HVAC LEVEL 1 NEW WORK PLAN - AREA C
 Drawing Number

H203



CPL | Architecture Engineering Planning
 613 Molly Lane Suite 100,
 Woodstock, GA 30189
 CPLteam.com

KEY NOTES:

- ① INSTALL NEW TEMPERATURE SENSOR PER SPECIFICATION SECTION 930913.
- ② INSTALL NEW AIR HANDLING UNIT DDC CONTROLLER PER SPECIFICATION SECTION 930913. TIE INTO EXISTING FACILITY BMS. INSTALL NEW CHILLED WATER CONTROL VALVE, NEW HOT WATER CONTROL VALVE, NEW DIFFERENTIAL PRESSURE SWITCH, NEW TEMPERATURE SENSOR, VFD, ETC. TO OPERATE AHU AS PRESCRIBED IN SEQUENCE OF OPERATIONS SHEET H500. INSTALL EBTRON GOLD SERIES AIRFLOW MONITORING STATION IN RETURN AIR DUCT. LOCK INTO FULLY OPEN POSITION INLET GUIDE VANES OR REMOVE COMPLETELY.
- ③ INSTALL NEW DDC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR CABINET VENTILATOR PER SPECIFICATION SECTION 930913. MULTIPLE UNITS CAN BE CONTROLLED BY A SINGLE CONTROLLER.

PROJECT INFORMATION

Project Number
16686.00
 Client Name
AUGUSTA UNIVERSITY

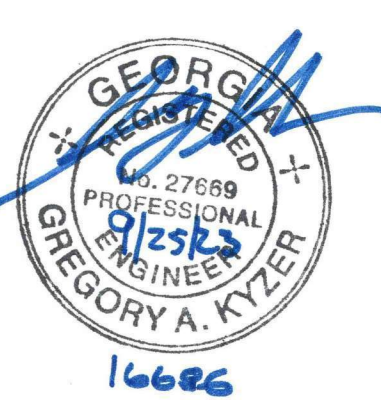
Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

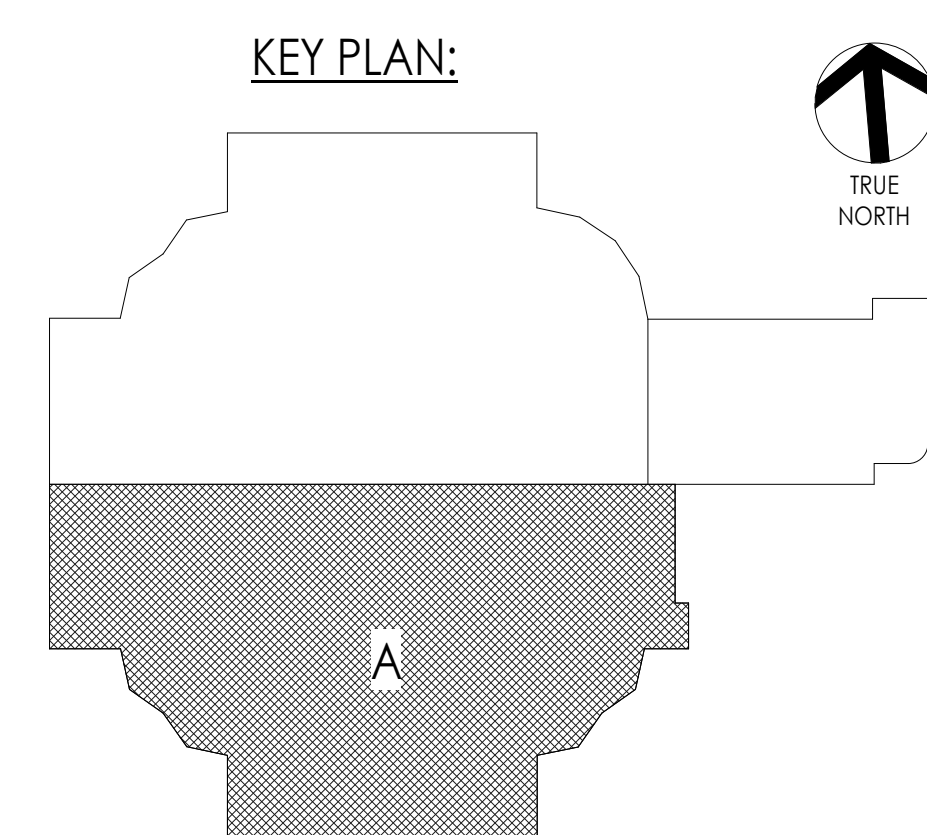
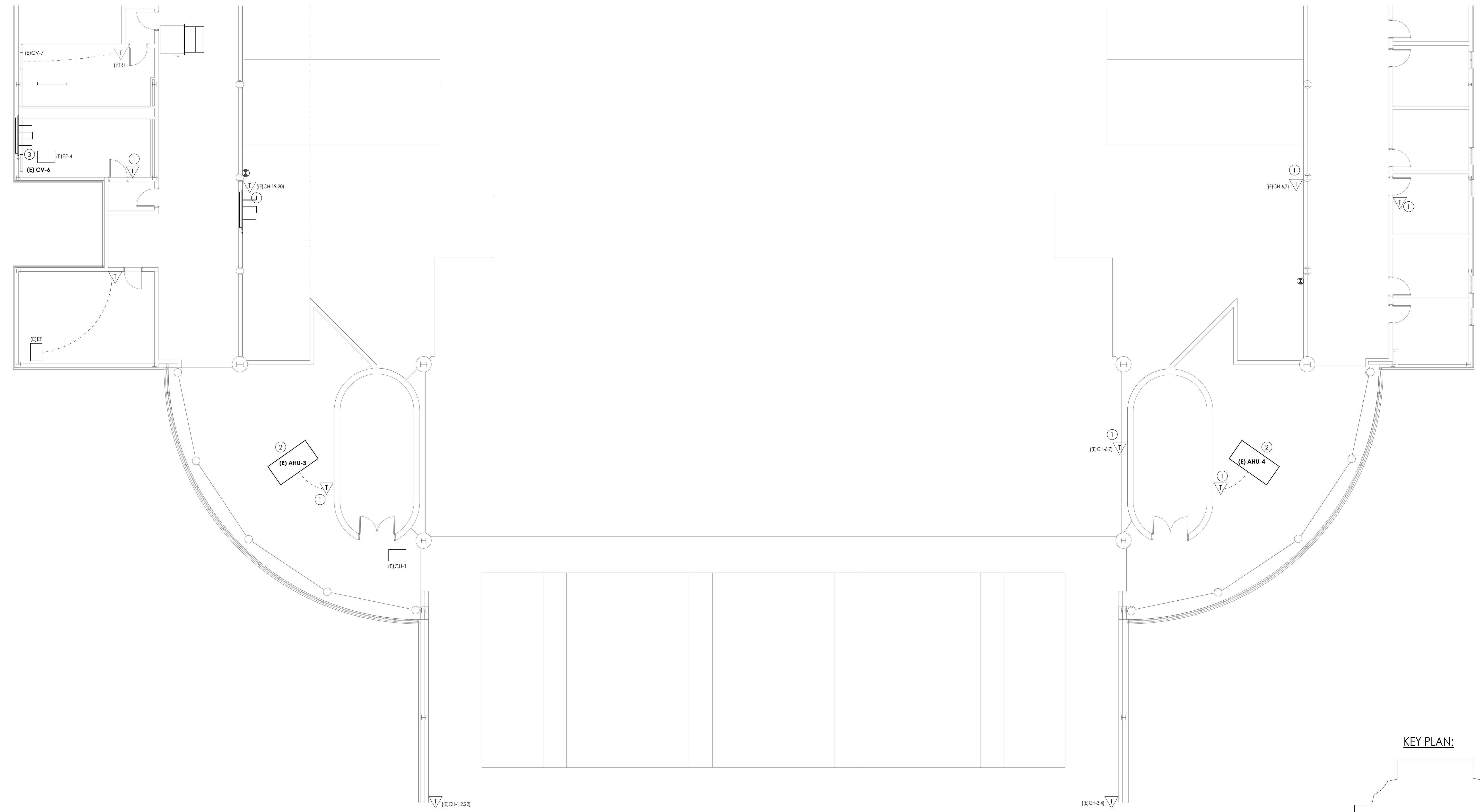
Issue No.	Date	Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Name
09/25/2023
 Project Status
PERMIT SET
 Drawn By
LSB
 Checked By
GFK
 Drawing Title
HVAC LEVEL 2 NEW WORK PLAN - AREA A
 Drawing Number

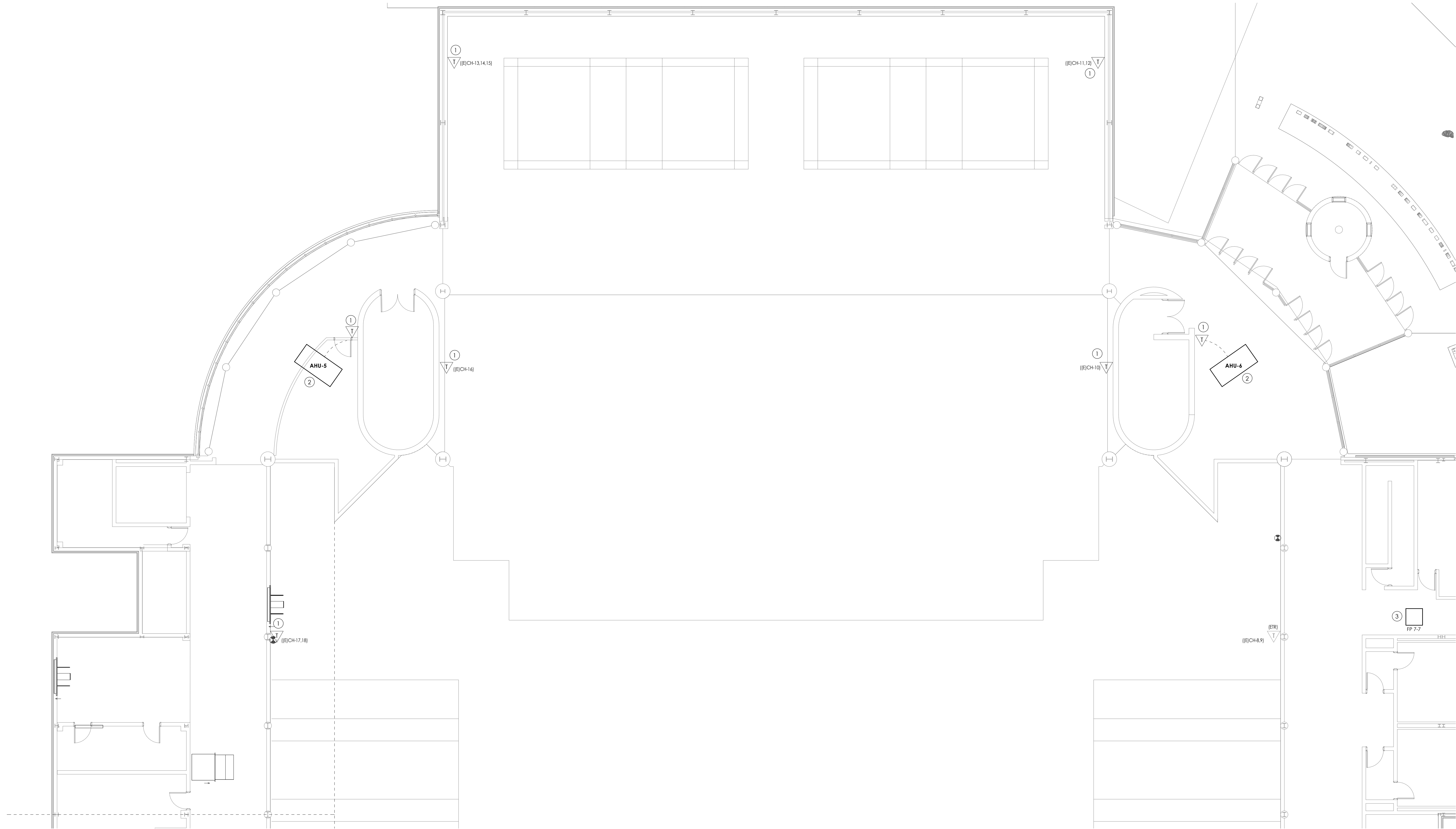


1
H204
HVAC LEVEL 2 NEW WORK PLAN - AREA A
1/8" = 1'-0"



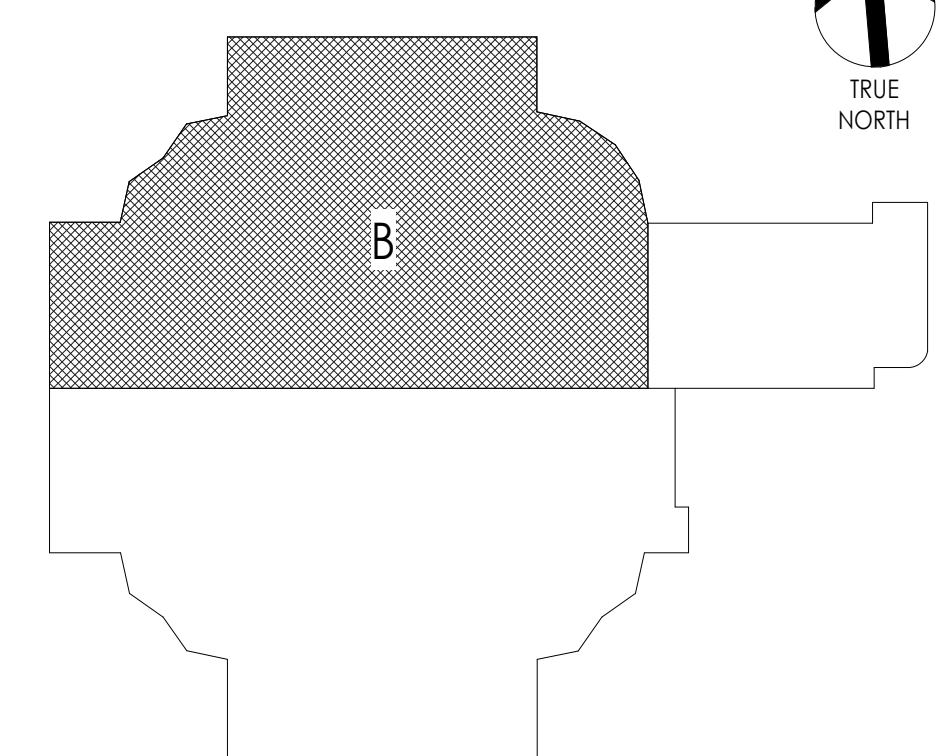
KEY NOTES:

- ① INSTALL NEW TEMPERATURE SENSOR PER SPECIFICATION SECTION 930913.
- ② INSTALL NEW AIR HANDLING UNIT DDC CONTROLLER PER SPECIFICATION SECTION 930913. TIE INTO EXISTING FACILITY BMS. INSTALL NEW CHILLED WATER CONTROL VALVE, NEW HOT WATER CONTROL VALVE, NEW DIFFERENTIAL PRESSURE SWITCH, NEW TEMPERATURE SENSOR, VFD, ETC. TO OPERATE AHU AS PRESCRIBED IN SEQUENCE OF OPERATIONS SHEET H500. INSTALL EBTRON GOLD SERIES AIRFLOW MONITORING STATION IN RETURN AIR DUCT. LOCK INTO FULLY OPEN POSITION INLET GUIDE VANES OR REMOVE COMPLETELY.
- ③ INSTALL NEW FAN POWERED TERMINAL UNIT CONTROLLER PER SPECIFICATION SECTION 930913. TIE INTO ASSOCIATED AHU CONTROLLER AND BMS.



① HVAC LEVEL 2 NEW WORK PLAN - AREA B
1/8" = 1'-0"

KEY PLAN:



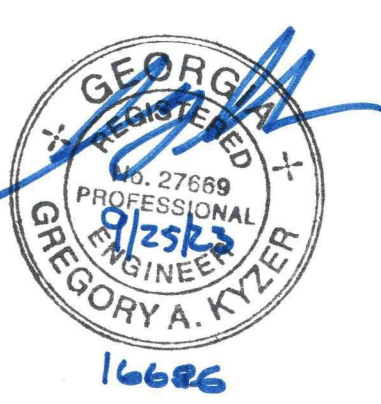
PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY
Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**
Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

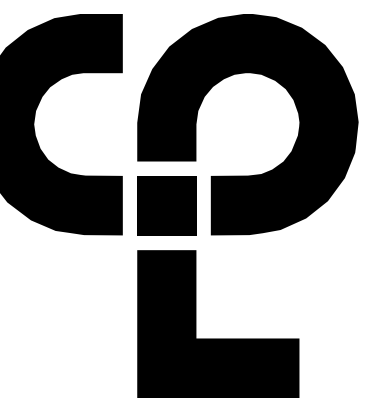
Issue No.	Date	Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Name
09/25/2023
Project Status
PERMIT SET
Drawn By
LSB
Checked By
GFK
Drawing Title
HVAC LEVEL 2 NEW WORK PLAN -
AREA B
Drawing Number



CPL | Architecture Engineering Planning
615 Molly Lane Suite 100,
Woodstock, GA 30189
CPLteam.com

KEY NOTES:

- ① INSTALL NEW TEMPERATURE SENSOR PER SPECIFICATION SECTION 930913.
- ② INSTALL NEW FAN POWERED TERMINAL UNIT CONTROLLER PER SPECIFICATION SECTION 930913, TIE INTO ASSOCIATED AHU CONTROLLER AND BMS.

PROJECT INFORMATION

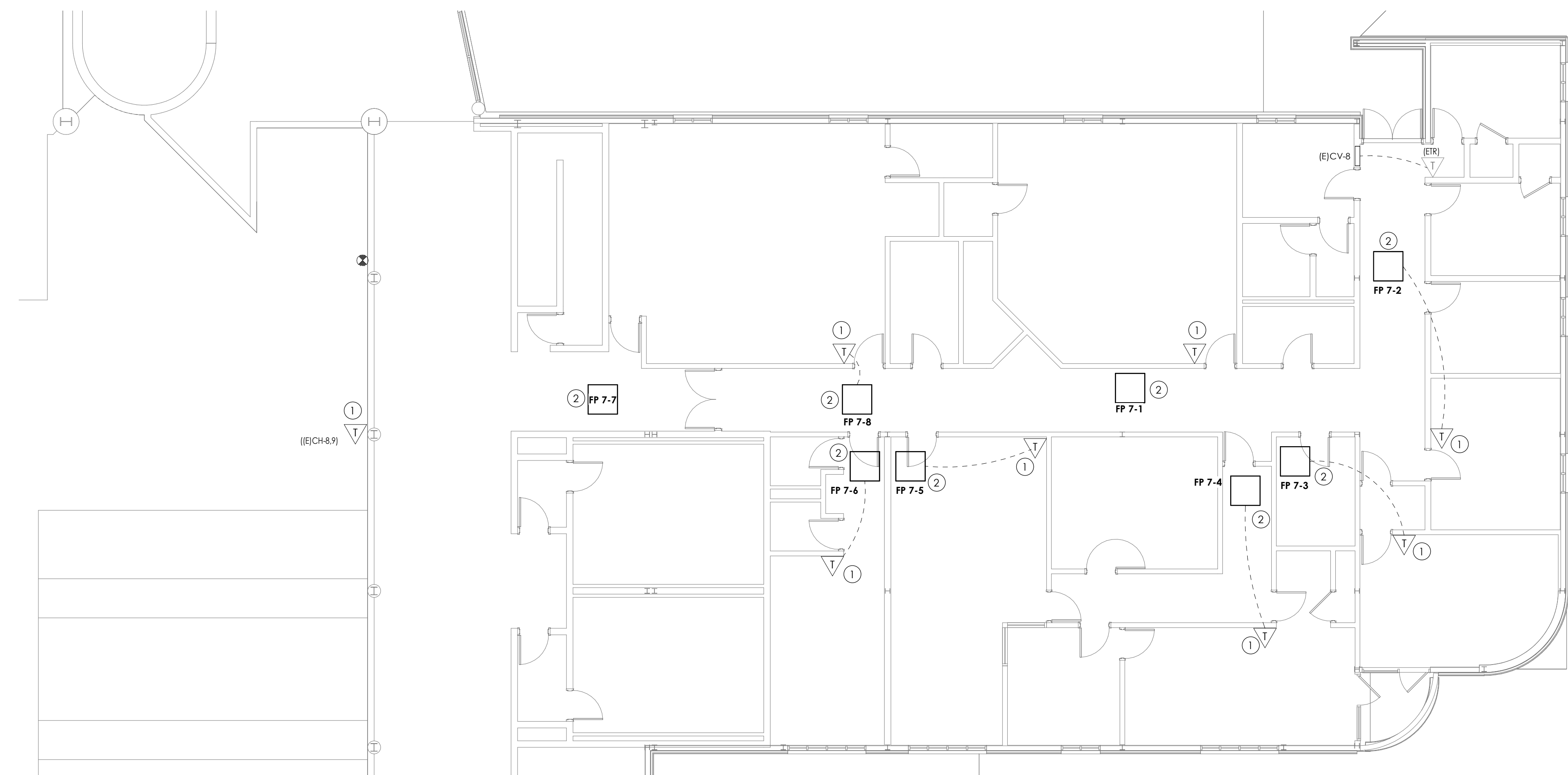
Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**

Project Address
3109 Wightsboro Road
Augusta, GA 30909

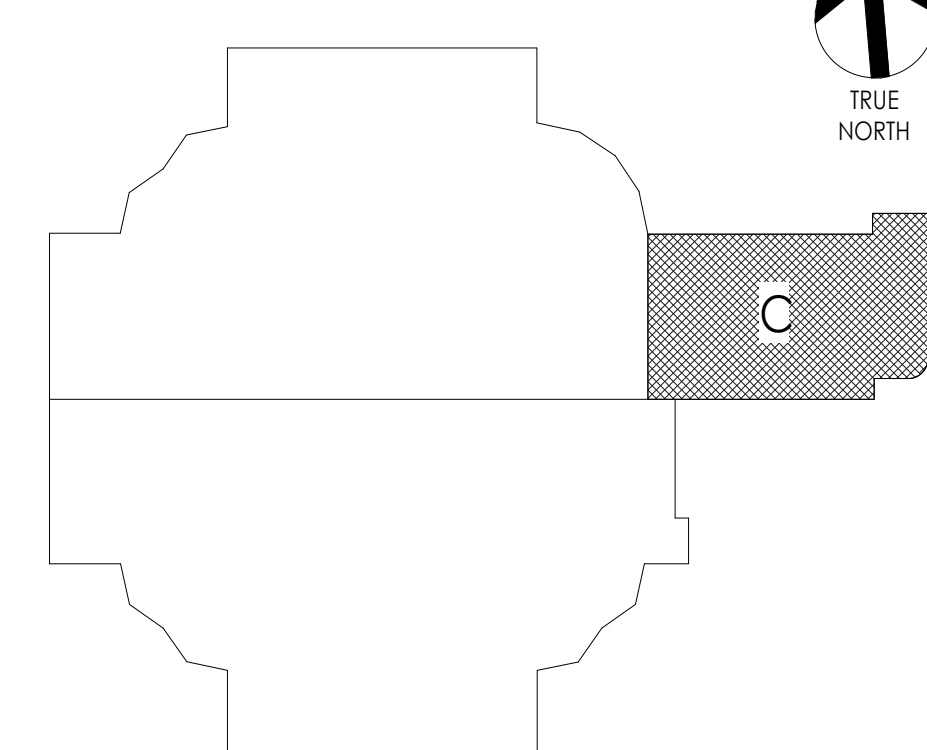
PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description

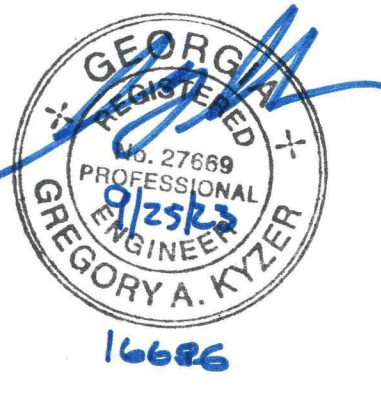


1 HVAC LEVEL 2 NEW WORK PLAN - AREA C
H206 1/8" = 1'-0"

KEY PLAN:



PROFESSIONAL STAMPS



SHEET INFORMATION

Date	09/25/2023	Scale	1/8" = 1'-0"
Project Status	PERMIT SET	Drawn By	LSB
		Checked By	GFK
Drawing Title	HVAC LEVEL 2 NEW WORK PLAN - AREA C		

Drawing Number

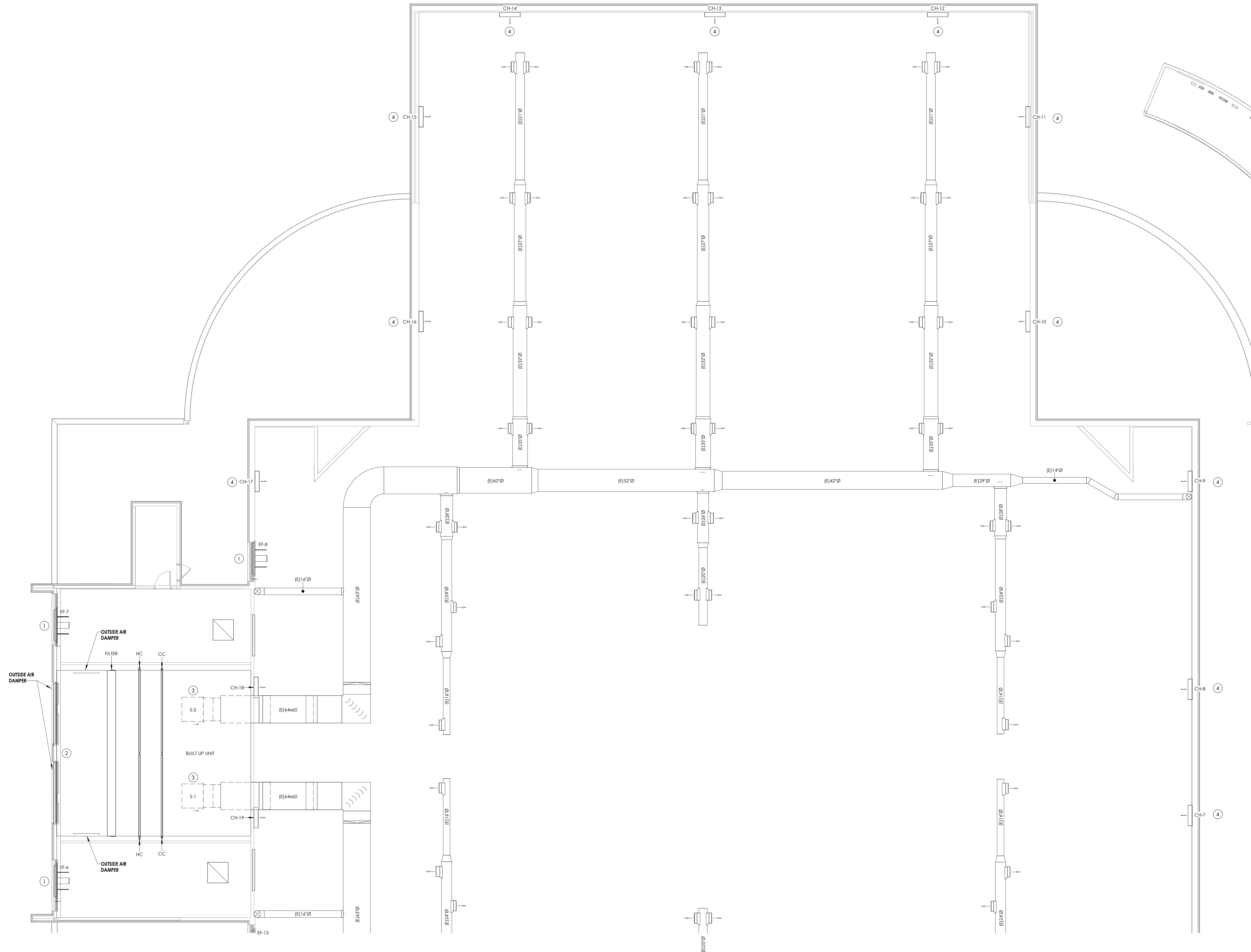
H206



CPL | Architecture Engineering Planning
 613 Molly Lane Suite 100,
 Woodstock, GA 30189
 CPLteam.com

KEY NOTES:

- 1 PROVIDE NEW VARIABLE FREQUENCY DRIVE FOR EXHAUST FAN. SEE SHEET H500 FOR SEQUENCE OF OPERATION.
- 2 INSTALL NEW DAMPER ACTUATORS, NEW HOT WATER COIL CONTROL VALVES, NEW CHILLED WATER COIL CONTROL VALVES, NEW AHU CONTROLLER, NEW DIFFERENTIAL PRESSURE SENSORS, TEMPERATURE SENSORS, RETURN AIR HUMIDITY SENSORS, SMOKE DETECTORS, ETC., FOR BUILT UP AIR HANDLING UNIT. SEE SPECIFICATION SECTION 930913 FOR CONTROLLER, EQUIPMENT REQUIREMENTS. SEE H500 FOR SEQUENCE OF OPERATION. INSTALL NEW EBTRON GOLD SERIES AIRFLOW MONITORING STATIONS IN OUTSIDE AIR, SUPPLY AIR AND RETURN AIR.
- 3 INSTALL NEW 40 HP VFDs ON SUPPLY FANS S-1 AND S-2.
- 4 INSTALL NEW DDC CONTROLLER, CONTROL VALVE AND ACTUATOR FOR CABINET VENTILATOR PER SPECIFICATION SECTION 930913. MULTIPLE UNITS CAN BE CONTROLLED BY A SINGLE CONTROLLER.



PROJECT INFORMATION

Project Number
16686.00
 Client Name
AUGUSTA UNIVERSITY
 Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE
 Project Address
3109 Wightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description

PROFESSIONAL STAMPS

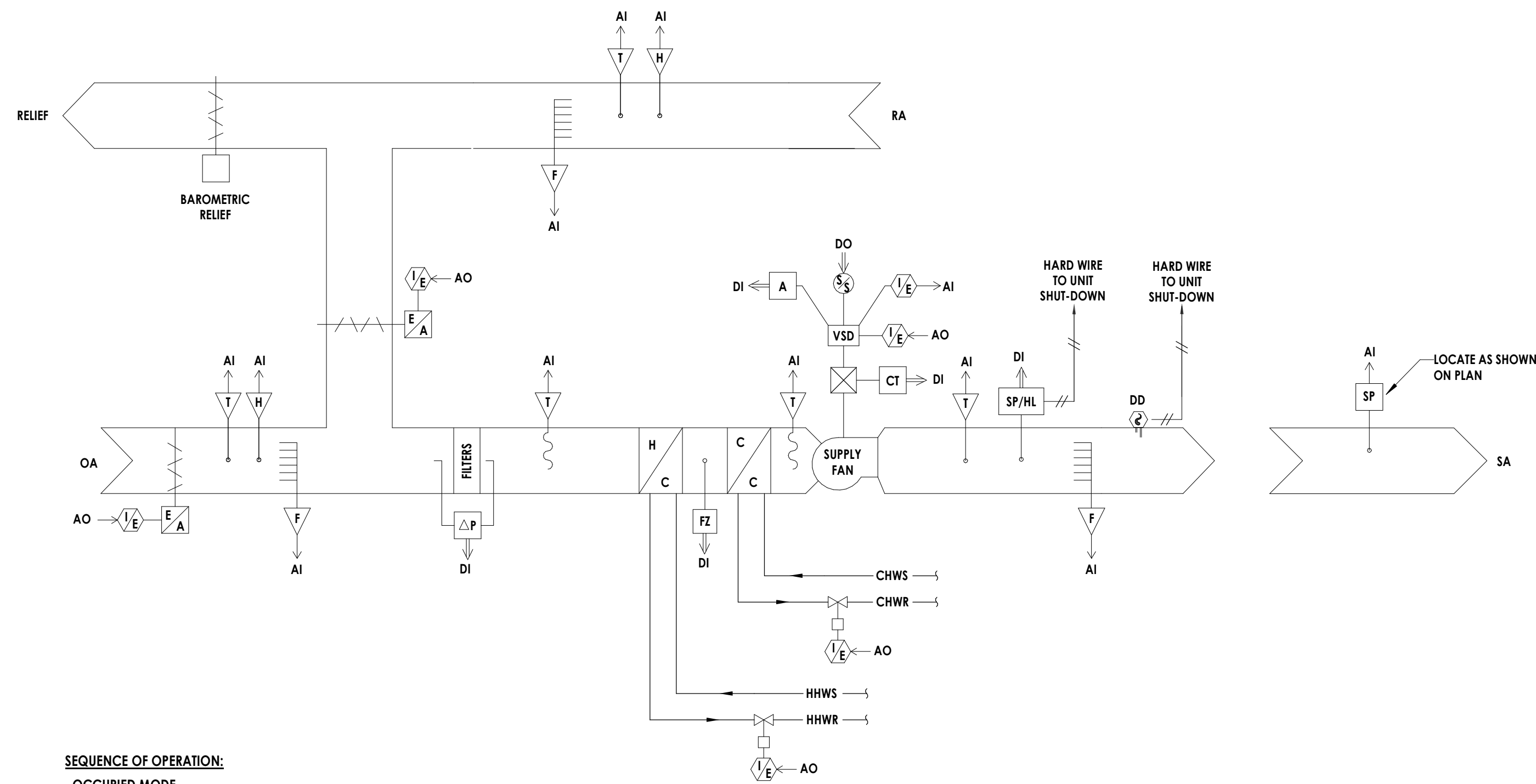


SHEET INFORMATION

Name
09/25/2023
 Project Status
PERMIT SET
 Drawn By
TB
 Checked By
GFK
 Drawing Title
HVAC LEVEL 3 NEW WORK PLAN - AREA A
 Drawing Number

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1 HVAC LVL 3 NEW WORK PLAN AREA A
 H207 1/8" = 1'-0"



SEQUENCE OF OPERATION:

OCCUPIED MODE

1. THE AHU IS TO BE COMMANDED INTO THE OCCUPIED MODE BY THE BMS BASED ON TIME OF DAY SCHEDULING.
2. WHEN COMMANDED INTO THE OCCUPIED MODE THE RTU'S SUPPLY FANS ARE TO BE ENERGIZED AND THE VARIABLE FREQUENCY DRIVES (VFD) ARE TO MODULATE FAN SPEED TO MAINTAIN A CONSTANT STATIC PRESSURE (AS DETERMINED DURING TAB) AS SENSED BY THE DUCT MOUNTED STATIC PRESSURE SENSOR. AIR MONITORING STATIONS IN SUPPLY/RETURN SHALL MONITOR AIR FLOW TO MAINTAIN THE OFFSET DETERMINED BY TAB.
3. THE OUTSIDE AIR DAMPERS ARE TO OPEN TO THEIR MINIMUM POSITIONS.
4. THE AIR FLOW STATION SHALL MONITOR AND CONTROL THE O.A. TO MAINTAIN SCHEDULED VENTILATION.
5. UPON A CALL FOR COOLING FROM ANY ZONE, THE 2-WAY CHILLED WATER CONTROL VALVE IS TO MODULATE TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 55°F (ADJ.).
6. UPON A DROP IN MIXED AIR TEMPERATURE BELOW SETPOINT OF 52°F, THE 2-WAY HEATING HOT WATER CONTROL VALVE IS TO MODULATE TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 55°F (ADJ.).
7. WHEN THERE IS A CALL FOR COOLING FROM ANY ZONE AND THE OUTSIDE AIR ENTHALPY IS LESS THAN THE RETURN AIR ENTHALPY, THE OUTSIDE AIR AND RELIEF AIR DAMPER SHALL OPEN 100%, THE RETURN AIR DAMPER SHALL FULLY CLOSE. THE COOLING COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN SUPPLY TEMPERATURE OF 55°F. IF IN ECONOMIZER MODE AND THE SUPPLY AIR TEMPERATURE FALLS BELOW 55°F, THE COOLING COIL CONTROL VALVE SHALL SHUT AND THE OUTSIDE AIR AND RETURN AIR DAMPERS SHALL MODULATE TO MAINTAIN THE SUPPLY AIR SETPOINT OF 55°F.
8. IF THE HOT WATER CONTROL VALVES OF ALL TERMINAL UNITS ARE OPEN, THE AHU SUPPLY AIR TEMPERATURE SETPOINT IS TO INCREASE IN 1°F INCREMENTS EVERY 15 MINUTES UNTIL IT REACHES 60°F. THE HOT WATER CONTROL VALVE FOR ANY TERMINAL UNIT CLOSES, OR THE RETURN RH EXCEEDS 50% RH, IF THE HOT WATER CONTROL VALVE FOR ANY TERMINAL UNIT OPENS OR RETURN RH INCREASES ABOVE 60% (ADJ.), THE REVERSE IS TO OCCUR.

UNOCCUPIED MODE

1. THE AHU OUTSIDE AIR IS TO FULLY CLOSE AND RETURN AIR DAMPER SHALL FULLY OPEN.
2. THE SUPPLY FANS ARE TO BE DE-ACTIVATED.
3. IF ANY ZONE TEMPERATURE EXCEEDS THE UNOCCUPIED COOLING SETPOINT OF 80°F (ADJ.), THE CHILLED WATER CONTROL VALVE IS TO MODULATE AND THE SUPPLY FANS SHALL BE ENERGIZED AND SHALL OPERATE AS IN OCCUPIED MODE UNTIL THE SETPOINT IS REACHED.
4. IF ANY ZONE TEMPERATURE FALLS BELOW THE UNOCCUPIED HEATING SETPOINT OF 60°F (ADJ.) THE SUPPLY FAN SHALL BE ENERGIZED AND SHALL OPERATE AS IN OCCUPIED MODE AND THE HEATING WATER CONTROL VALVE IS TO MODULATE TO MAINTAIN SETPOINT.

DUCT MOUNTED SMOKE DETECTOR

1. UPON ACTIVATION OF THE SMOKE DETECTOR LOCATED IN THE SUPPLY AIR DUCT, THE AHU SUPPLY FAN IS TO BE DE-ENERGIZED AND THE OUTSIDE AIR DAMPERS ARE TO CLOSE.

FIRE ALARM SHUTDOWN

1. UPON ANY ACTIVATION OF THE FIRE ALARM SYSTEM IN AN AREA SERVED BY THE AHU, THE AHU SUPPLY FANS ARE TO BE DE-ENERGIZED AND THE OUTSIDE AIR, RETURN AND RELIEF AIR DAMPERS ARE TO CLOSE.

AIR FILTER DIFFERENTIAL PRESSURE SENSORS

1. THE DIFFERENTIAL PRESSURE ACROSS THE FILTER BANK SHALL BE MONITORED BY THE AHU CONTROLLER. WHENEVER THE DIFFERENTIAL PRESSURE OF THE FILTER EXCEEDS THE CLEAN PRESSURE DIFFERENTIAL, BY 0.5" WC (ADJ.) OR MORE AN ALARM SHALL BE SENT TO THE BMS.

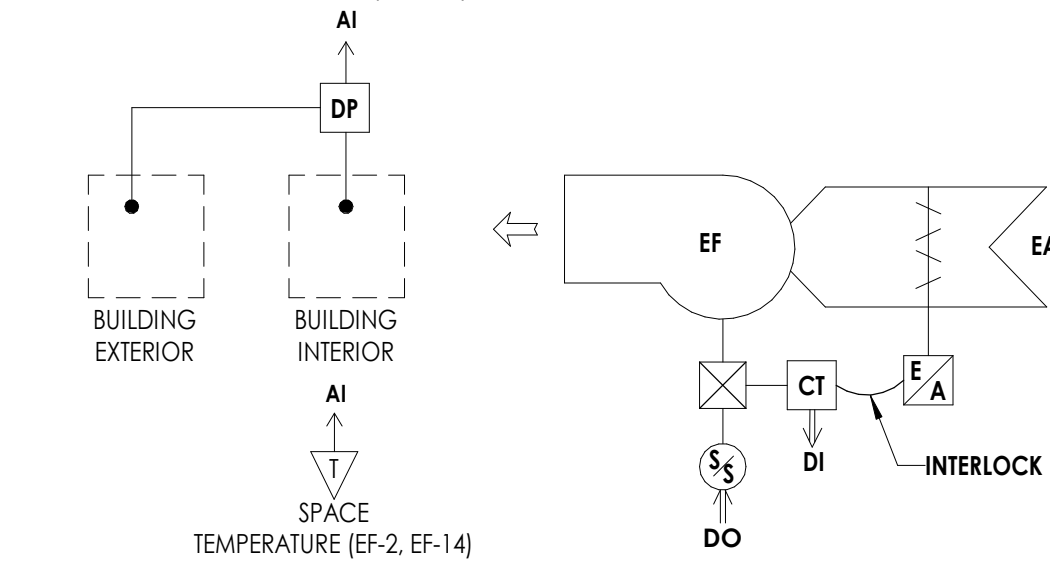
FREESTAT SENSORS

1. IF THE MIXED AIR TEMPERATURE FALLS BELOW 38°F (ADJ.), THE OUTSIDE AIR AND RELIEF DAMPER SHALL BE CLOSED, THE SUPPLY FANS SHALL BE DE-ENERGIZED, AND THE HEATING HOT WATER AND CHILLED WATER CONTROL VALVE SHALL OPEN 100%. AN ALARM SHALL BE SENT TO THE BMS.

DISCHARGE STATIC PRESSURE LOW/HIGH LIMITS

1. IF THE DUCT DOWNSTREAM OF THE SUPPLY FAN DEVIATES OUTSIDE OF ACCEPTABLE PRESSURE RANGE, SEND AN ALARM TO THE BMS.

BUILDING PRESSURE SENSOR (EF-8, 13)



SEQUENCE OF OPERATION EXHAUST FANS (EF-2, EF-14):

1. THE FAN SHALL BE ENERGIZED WHEN TEMPERATURE IN SPACE RISES ABOVE 80°F (ADJ.)
2. THE FAN SHALL BE DE-ENERGIZED WHEN TEMPERATURE IN SPACE FALLS BELOW 80°F (ADJ.)
3. UPON A DROP IN CURRENT TO EXHAUST FAN AN ALARM IS TO BE ACTIVATED AT THE BMS.
4. WHEN COMMANDED BY BMS, THE EXHAUST FAN IS TO BE DE-ENERGIZED.

SEQUENCE OF OPERATION EXHAUST FANS (EF-3):

1. FAN SHALL BE INTERLOCKED WITH AHU-2.
2. UPON A DROP IN CURRENT TO EXHAUST FAN AN ALARM IS TO BE ACTIVATED AT THE BMS.
3. WHEN COMMANDED BY BMS, THE EXHAUST FAN IS TO BE DE-ENERGIZED.

SEQUENCE OF OPERATION EXHAUST FANS (EF-4):

1. FAN SHALL BE INTERLOCKED WITH S-1 (BUILT-UP UNIT SERVING GYM).
2. UPON A DROP IN CURRENT TO EXHAUST FAN AN ALARM IS TO BE ACTIVATED AT THE BMS.
3. WHEN COMMANDED BY BMS, THE EXHAUST FAN IS TO BE DE-ENERGIZED.

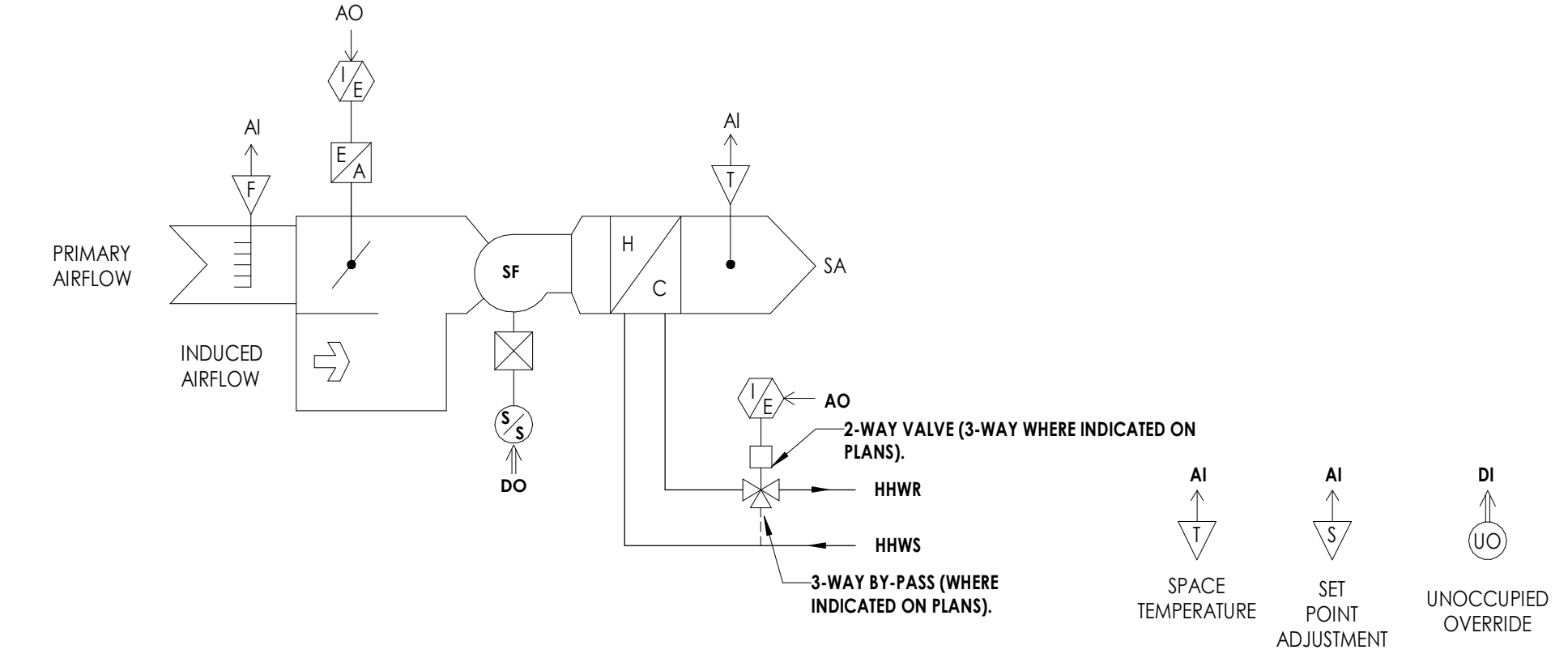
SEQUENCE OF OPERATION EXHAUST FANS (EF-5):

1. FAN SHALL BE INTERLOCKED WITH AHU-7.
2. UPON A DROP IN CURRENT TO EXHAUST FAN AN ALARM IS TO BE ACTIVATED AT THE BMS.
3. WHEN COMMANDED BY BMS, THE EXHAUST FAN IS TO BE DE-ENERGIZED.

SEQUENCE OF OPERATION EXHAUST FANS (EF-8 & 13):

1. EXHAUST FAN SHALL MODULATE VFD TO CONTROL BUILDING PRESSURE WHEN EF-6 AND EF-7 ARE AT 60 HZ AND BUILDING PRESSURE EXCEEDS SETPOINT.
2. UPON A DROP IN CURRENT TO EXHAUST FAN AN ALARM IS TO BE ACTIVATED AT THE BMS.
3. WHEN COMMANDED BY BMS, THE EXHAUST FAN IS TO BE DE-ENERGIZED.

3 EXHAUST FAN CONTROL SCHEMATIC
 H500 N.T.S.



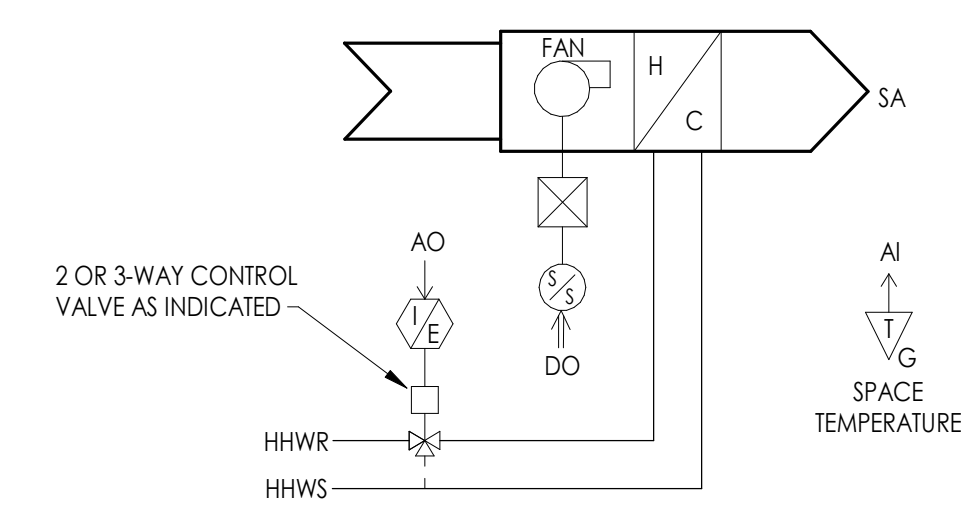
SEQUENCE OF OPERATION:

OCCUPIED MODE

1. SUPPLY FAN SHALL BE ENERGIZED.
2. UPON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT, THE PRIMARY AIR DAMPER WILL MODULATE BETWEEN THE MINIMUM AND MAXIMUM AIRFLOW SETTINGS AS REQUIRED TO SATISFY SPACE TEMPERATURE SETPOINT.
3. UPON A DROP IN SPACE TEMPERATURE BELOW COOLING SETPOINT, THE PRIMARY AIR DAMPER SHALL MODULATE TO THE MINIMUM POSITION.
4. IF THE SPACE TEMPERATURE CONTINUES TO FALL BELOW THE HEATING SETPOINT, THE HEATING HOT WATER CONTROL VALVE SHALL MODULATE AS REQUIRED TO SATISFY SETPOINT.

UNOCCUPIED MODE

1. UNIT SHALL MAINTAIN UNOCCUPIED COOLING AND HEATING SETBACKS (ADJ.).
2. SUPPLY FAN SHALL BE DE-ENERGIZED AND PRIMARY AIR DAMPER SHALL BE FULLY CLOSED.
3. UPON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT, THE SUPPLY FAN SHALL ENERGIZE AND THE PRIMARY AIR DAMPER WILL MODULATE OPEN TO SATISFY SPACE SETPOINT.
4. IF THE SPACE TEMPERATURE FALLS BELOW THE HEATING SETPOINT, THE SUPPLY FAN SHALL ENERGIZE. THE PRIMARY AIR DAMPER SHALL REMAIN FULLY CLOSED, AND THE HEATING HOT WATER CONTROL VALVE SHALL MODULATE AS REQUIRED TO SATISFY SETPOINT.



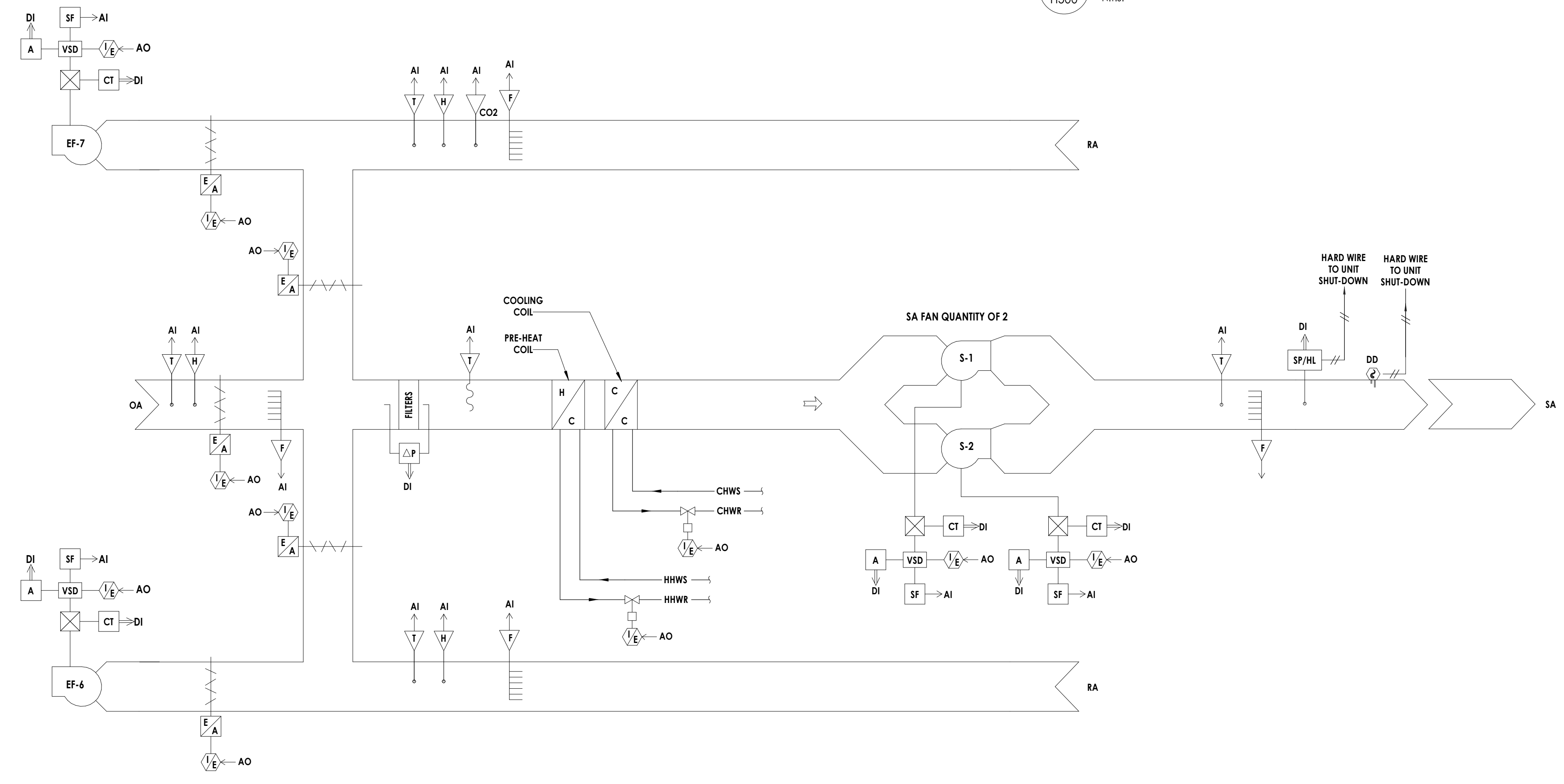
SEQUENCE OF OPERATION:

HEATING MODE

1. UPON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT, THE UNIT HEATER FAN WILL ENERGIZE AND HEATING HOT WATER CONTROL VALVE SHALL MODULATE TO MAINTAIN TEMPERATURE SETPOINT. UPON A RISE IN SPACE TEMPERATURE ABOVE THE HEATING SETPOINT, THE UNIT HEATER FAN SHALL SHUT OFF AND THE HEATING HOT WATER VALVE SHALL CLOSE.

5 HOT WATER UNIT HEATER CONTROL SCHEMATIC
 H500 N.T.S.

4 AHU-1 CONTROL SCHEMATIC
 H500 N.T.S.



1 BUILT-UP AHU CONTROL SCHEMATIC
 H500 N.T.S.

2 SERIES FAN POWERED VAV UNIT WITH HYDRONIC REHEAT CONTROL SCHEMATIC
 H500 NOT TO SCALE

SEQUENCE OF OPERATION - BUILT-UP AHU

AHU INCLUDES CHILLED WATER COOLING COIL, HOT WATER HEATING COIL, VARIABLE SPEED SUPPLY FAN, RETURN AIR AND RELIEF DAMPERS.

OPERATING MODES:

- SUPPLY FANS SHALL RUN CONTINUOUSLY.
- OUTSIDE AIR DAMPER:
 - 1.) MAINTAIN OUTSIDE AIR QUANTITY AS SCHEDULED AND AS MEASURED BY THE OUTSIDE AIR FLOW MEASURING STATION. THE OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THIS MINIMUM EXCEPT IN CASE OF EMERGENCY.
 - 2.) MODULATE OUTSIDE AIR DAMPER BEYOND SCHEDULED MINIMUM AS REQUIRED FOR ECONOMIZER COOLING.
- RETURN AIR DAMPER:
 - 1.) TO BE 100% OPEN WHEN NOT IN ECONOMIZER.
- MODULATE SUPPLY FAN SPEED IN PARALLEL TO MAINTAIN SPACE TEMPERATURE SETPOINT.
 - 1.) EXHAUST FANS ARE TO MODULATE TO MAINTAIN BUILDING POSITIVE PRESSURE OF 0.05" W.C.
 - 2.) IF EF-6 AND EF-7 VFDs ARE AT 60 HZ, EF-8 AND EF-13 ARE TO BE ACTIVATED.

HEATING MODE

- MIXED AIR TEMPERATURE IS EQUAL TO OR BELOW 55 DEGREES (ADJUSTABLE).
- AHU HEATING HOT WATER PRE-HEAT COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE SETPOINT (ADJ.).

COOLING MODE

- OUTSIDE AIR DAMPER AND OUTDOOR TEMPERATURE IS EQUAL TO OR ABOVE 58 DEGREES (ADJUSTABLE).
- CHILLED WATER COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN A DISCHARGE AIR TEMPERATURE OF 55 DEGREES LEAVING AIR TEMPERATURE.
- WHEN THERE IS A CALL FOR COOLING AND THE OUTSIDE AIR ENTHALPY IS LESS THAN RETURN AIR ENTHALPY, THE RETURN AIR DAMPER SHALL CLOSE AND THE OUTSIDE AIR DAMPER SHALL OPEN 100%. THE COOLING COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN SUPPLY TEMPERATURE OF 55°F. IF IN ECONOMIZER MODE AND THE SUPPLY AIR TEMPERATURE FALLS BELOW 55°F, THE COOLING COIL CONTROL VALVE SHALL SHUT AND THE OUTSIDE AIR AND RETURN AIR DAMPERS SHALL MODULATE TO MAINTAIN THE SUPPLY AIR SET POINT OF 55°F.

DEMAND CONTROL VENTILATION

- OUTSIDE AIR DAMPERS SHALL MODULATE BETWEEN MINIMUM OUTSIDE AIR FLOW AND FULL OCCUPANCY OUTSIDE AIR FLOW TO MAINTAIN CO2 SETPOINT OF LESS THAN 1000PPM. IF THERE IS A CALL FOR ECONOMIZER COOLING, THE OUTDOOR AIR DAMPER MAY BE OPENED FURTHER TO SATISFY THE COOLING REQUEST.

SMOKE DETECTOR

- THE UNIT WILL HAVE A SMOKE DETECTOR LOCATED IN THE SUPPLY DUCT. UPON DETECTION OF SMOKE, THE SUPPLY AND EXHAUST AIR FANS WILL DE-ENERGIZE. THE OUTDOOR AIR DAMPER WILL DRIVE TO A FULLY CLOSED POSITION.

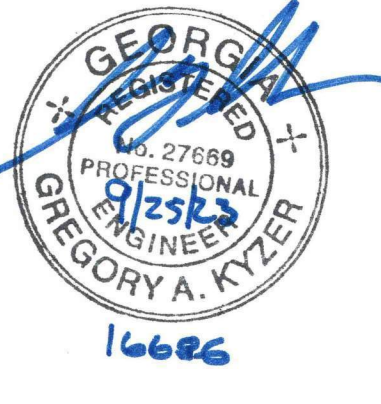
SAFETIES / OTHER CONTROL FUNCTIONS:

- IF AHU DISCHARGE TEMPERATURE DROPS BELOW 40°F (DURING HEATING MODES), THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.

ALARMS - PROVIDE AN ALARM FOR EACH OF THE FOLLOWING:

- FAN MOTOR FAILURES.
- DISCHARGE AIR TEMPERATURE LOW/HIGH LIMITS.
- MIXED AIR TEMPERATURE LOW/HIGH LIMITS.
- SPACE TEMPERATURE LOW/HIGH LIMITS.
- DISCHARGE STATIC PRESSURE LOW/HIGH LIMITS.

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue	Scale
09/25/2023	N.T.S.
Project Status	
PERMIT SET	
Drawn By	Checked By
LSB	GPK
Drawing Title	
HVAC CONTROLS	

Drawing Number

H500



PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY

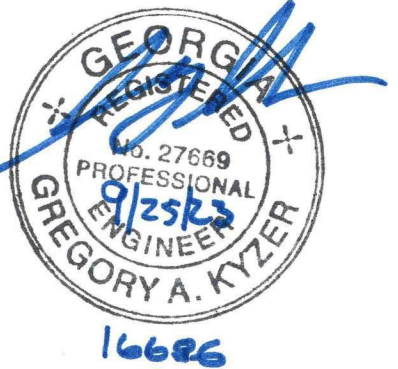
Project Name
J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wrightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS

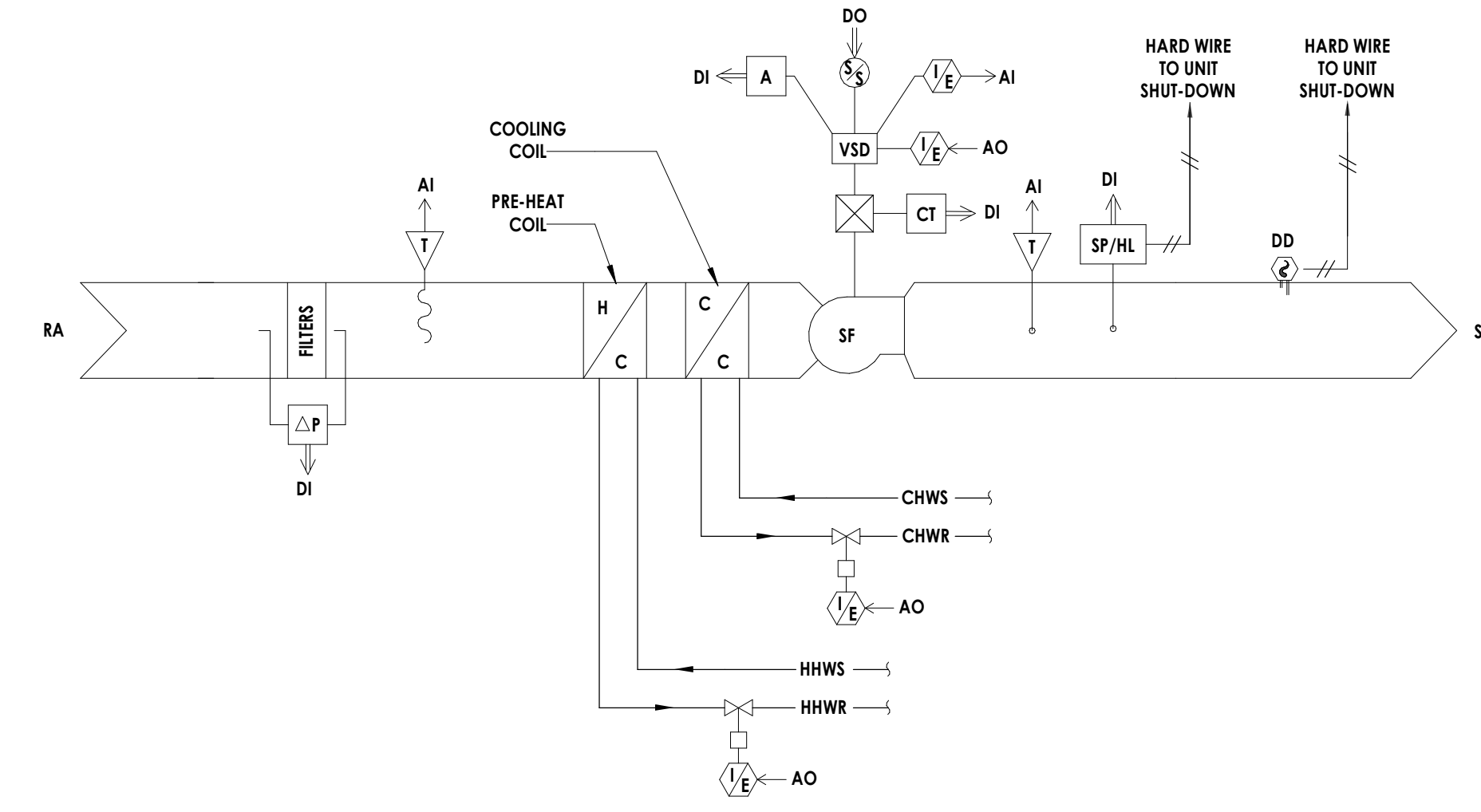


SHEET INFORMATION

Name: Scale: N.T.S.
Date: 09/25/2023
Project Status: PERMIT SET
Drawn By: LBS Checked By: GPK
Drawing Title: HVAC CONTROLS CONTINUED

Drawing Number

H501



SEQUENCE OF OPERATION - AHU-3 THROUGH AHU-6

AHU INCLUDES CHILLED WATER COOLING COIL, HOT WATER HEATING COIL, VARIABLE SPEED SUPPLY FAN.

OPERATING MODES:

- a. SUPPLY FAN SHALL RUN CONTINUOUSLY
- b. MODULATE SUPPLY FAN SPEED IN PARALLEL TO MAINTAIN SPACE TEMPERATURE SETPOINT.

HEATING MODE

- a. HEATING HOT WATER CONTROL VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE SETPOINT WHEN SUPPLY FAN HAS MODULATED TO 30% OF FULL FLOW AND SPACE TEMPERATURE HAS FALLEN BELOW HEATING SETPOINT.

COOLING MODE

- a. CHILLED WATER COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN A DISCHARGE AIR TEMPERATURE OF 55 DEGREES LEAVING AIR TEMPERATURE.
- b. THE SUPPLY FAN SPEED SHALL MODULATE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT. MINIMUM FAN SPEED SHALL BE 30%.

DUCT MOUNTED SMOKE DETECTOR

- a. UPON ACTIVATION OF THE SMOKE DETECTOR LOCATED IN THE SUPPLY AIR DUCT, THE AHU SUPPLY FAN IS TO BE DE-ENERGIZED.

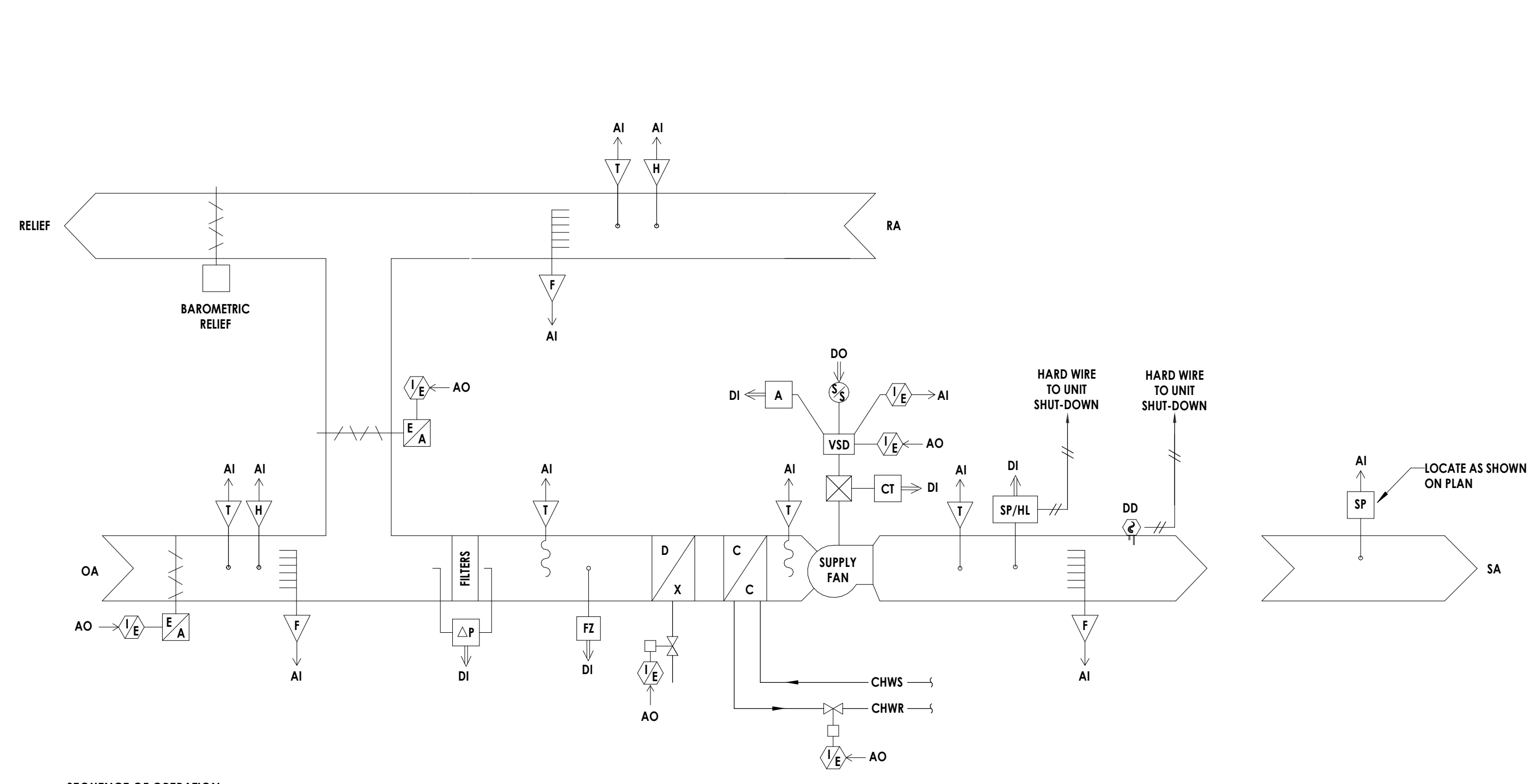
ALARMS - PROVIDE AN ALARM FOR EACH OF THE FOLLOWING:

- a. FAN MOTOR FAILURE
- b. DISCHARGE AIR TEMPERATURE LOW/HIGH LIMITS.
- c. SPACE TEMPERATURE LOW/HIGH LIMITS.
- d. DISCHARGE STATIC PRESSURE LOW/HIGH LIMITS.
- e. FILTER DIFFERENTIAL PRESSURE EXCEEDS DIRTY SETPOINT.

3 AHU-3 THROUGH 6 CONTROL SCHEMATIC

H501 N.T.S.

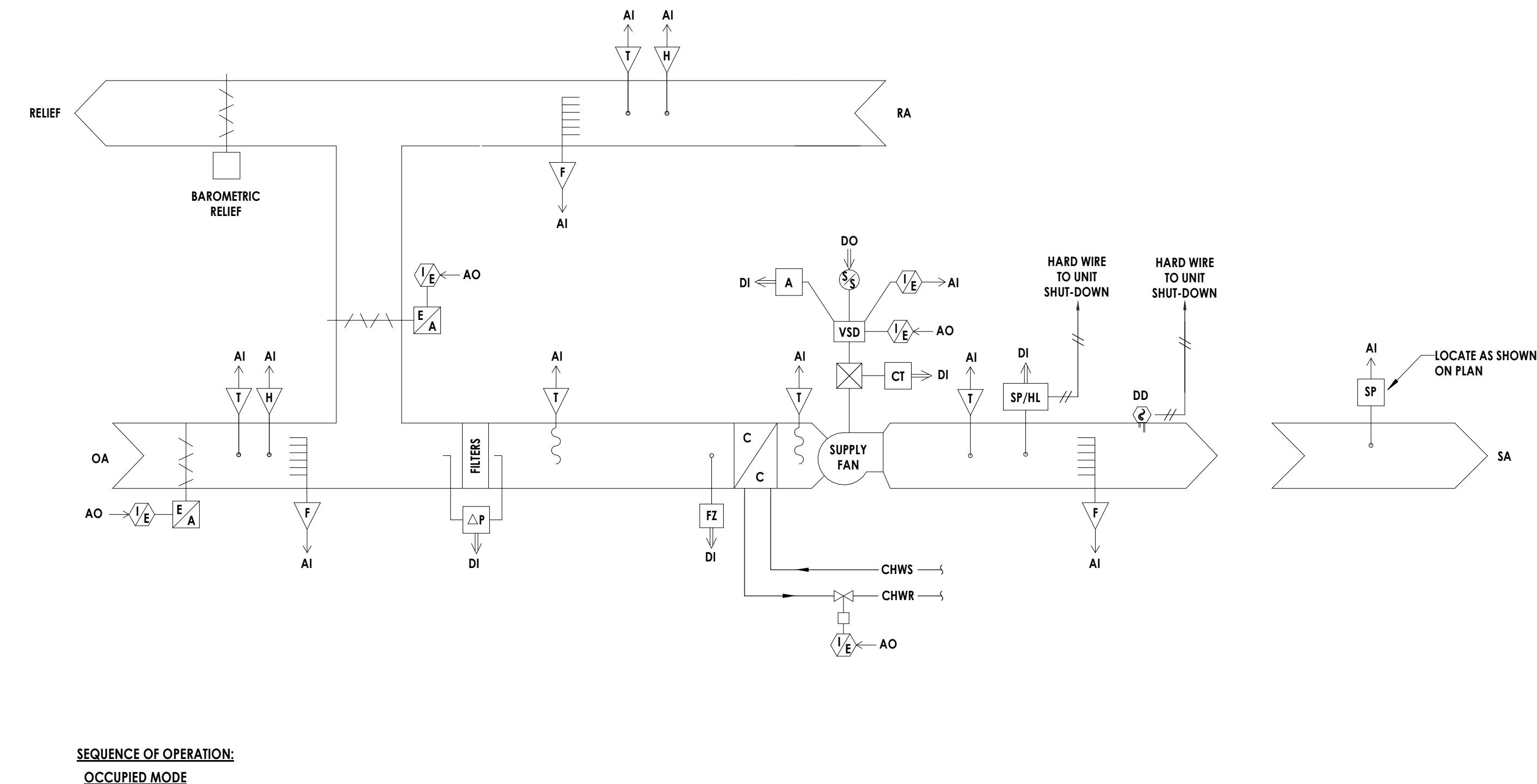
EQUIPMENT VFD REQUIREMENTS table with columns: EQUIP NO., HP, V/PH. Rows include S1, S2, AHU-1 through AHU-7, EF-6 through EF-13.



SEQUENCE OF OPERATION: OCCUPIED MODE, UNOCCUPIED MODE, DX COOLING COIL, DUCT MOUNTED SMOKE DETECTOR, FIRE ALARM SHUTDOWN, AIR FILTER DIFFERENTIAL PRESSURE SENSORS, FREEZER/STAIR SENSORS, DISCHARGE STATIC PRESSURE LOW/HIGH LIMITS.

2 AHU-7 CONTROL SCHEMATIC

H501 N.T.S.



SEQUENCE OF OPERATION: OCCUPIED MODE, UNOCCUPIED MODE, DUCT MOUNTED SMOKE DETECTOR, FIRE ALARM SHUTDOWN, AIR FILTER DIFFERENTIAL PRESSURE SENSORS, FREEZER/STAIR SENSORS, DISCHARGE STATIC PRESSURE LOW/HIGH LIMITS.

1 AHU-2 CONTROL SCHEMATIC

H501 N.T.S.

PROJECT INFORMATION

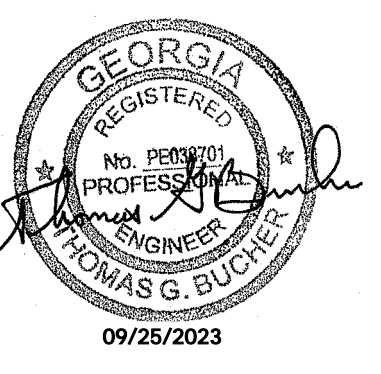
Project Number
 1668A.00
 Client Name
AUGUSTA UNIVERSITY
 Project Name
**J-381 AUGUSTA UNIVERSITY -
 CHRISTENBERRY FIELD HOUSE**

Project Address
 3109 Wightsboro Road
 Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Name: Scale: AS INDICATED
 Date: 09/25/2023
 Project Status: PERMIT SET
 Drawn By: JMH
 Checked By: TGB
 Drawing Title: ELECTRICAL LEGEND, NOTES & SCHEDULES

Drawing Number

E000

LUMINAIRE SCHEDULE										
MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	WATTS	LUMENS	TYPE	MOUNTING	REMARKS	
AP	4' LED WRAPAROUND, WHITE ALUMINUM HOUSING, CURVED, RIBBED ACRYLIC LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	BLWP4-48L-ADP-G210-LP835-SQ	MVOLT	40	4800	3500K LED	STEM MOUNT	3	
APE	4' LED WRAPAROUND, WHITE ALUMINUM HOUSING, CURVED, RIBBED ACRYLIC LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	BLWP4-48L-ADP-G210-LP835-E10WLCF-SQ	MVOLT	40	4800	3500K LED	STEM MOUNT	3	
AS	4' LED WRAPAROUND, WHITE ALUMINUM HOUSING, CURVED, RIBBED ACRYLIC LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	BLWP4-48L-ADP-G210-LP835	MVOLT	40	4800	3500K LED	SURFACE MOUNT	3	
ASE	4' LED WRAPAROUND, WHITE ALUMINUM HOUSING, CURVED, RIBBED ACRYLIC LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	BLWP4-48L-ADP-G210-LP835-E10WLCF-SQ	MVOLT	40	4800	3500K LED	SURFACE MOUNT	3	
CV	LED VAPORTIGHT LUMINAIRE, LIGHT GRAY POLYCARBONATE HOUSING, FROSTED POLYCARBONATE LENS, WET LOCATION LISTED WITH WET LOCATION FITTING	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	CSVT-148-MVOLT-40K-80CRI	MVOLT	42	4800	4000K LED	SURFACE	-	
CVL	LED VAPORTIGHT LUMINAIRE, LIGHT GRAY POLYCARBONATE HOUSING, FROSTED POLYCARBONATE LENS, WET LOCATION LISTED WITH WET LOCATION FITTING, INTEGRAL 1W EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	CSVT-148-MVOLT-40K-80CRI-IE7WCPHE	MVOLT	42	4800	4000K LED	SURFACE	-	
FP22	LED EDGE-LIT FLAT PANEL, WHITE ALUMINUM HOUSING, SATIN WHITE LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	CPANL-2X2-AL06-SWW7-M2-4000/35/55	MVOLT	55	4000	3500K LED	RECESSED	3	
FP40	LED EDGE-LIT FLAT PANEL, WHITE ALUMINUM HOUSING, SATIN WHITE LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	CPANL-2X4-AL06-SWW7-M2-4000/35/55	MVOLT	55	4000	3500K LED	RECESSED	3	
FP40E	LED EDGE-LIT FLAT PANEL, WHITE ALUMINUM HOUSING, SATIN WHITE LENS, 1% MINIMUM 0-10V DIMMING, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	CPANL-2X4-AL06-SWW7-M2-4000/35/55	MVOLT	55	4000	3500K LED	RECESSED	3	
S4	4' LED STRIP FIXTURE, BAKED WHITE STEEL HOUSING, DIFFUSE SNAP-ON LENS WITH UPLIGHT, WIREGUARD	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	ZL1D-148-5000LM-FST-MVOLT-40K-80CRI-WH-WGZ48	MVOLT	41	5000	4000K LED	SURFACE OR CHAIN-HUNG	-	
S4E	4' LED STRIP FIXTURE, BAKED WHITE STEEL HOUSING, DIFFUSE SNAP-ON LENS WITH UPLIGHT, WIREGUARD, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	ZL1D-148-5000LM-FST-MVOLT-40K-80CRI-WH-WGZ48	MVOLT	41	5000	4000K LED	SURFACE OR CHAIN-HUNG	-	
V22	2'x2' LED VANDAL-RESISTANT TROFFER, STEEL HOUSING, ACRYLIC FROSTED LENS WITH 1/8" POLYCARBONATE CLEAR LENS DIFFUSER, WHITE FINISH	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	2VRTL-G-124-5000LM-ICW-AP125FL-MVOLT-G21-35K-80CRI-WH	MVOLT	42	5000	3500K LED	RECESSED	-	
V22E	2'x2' LED VANDAL-RESISTANT TROFFER, STEEL HOUSING, ACRYLIC FROSTED LENS WITH 1/8" POLYCARBONATE CLEAR LENS DIFFUSER, WHITE FINISH, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	2VRTL-G-124-5000LM-ICW-AP125FL-MVOLT-G21-35K-80CRI-WH	MVOLT	42	5000	3500K LED	RECESSED	-	
V24	2'x4' LED VANDAL-RESISTANT TROFFER, STEEL HOUSING, ACRYLIC FROSTED LENS WITH 1/8" POLYCARBONATE CLEAR LENS DIFFUSER, WHITE FINISH	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	2VRTL-G-148-5000LM-ICW-AP125FL-MVOLT-G21-35K-80CRI-WH	MVOLT	39	5000	3500K LED	RECESSED	-	
V24E	2'x4' LED VANDAL-RESISTANT TROFFER, STEEL HOUSING, ACRYLIC FROSTED LENS WITH 1/8" POLYCARBONATE CLEAR LENS DIFFUSER, WHITE FINISH, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	2VRTL-G-148-5000LM-ICW-AP125FL-MVOLT-G21-35K-80CRI-E10WLCF-WH	MVOLT	39	5000	3500K LED	RECESSED	-	
VW	2'x4' LED VANDAL-RESISTANT TROFFER, STEEL HOUSING, ACRYLIC FROSTED LENS WITH 1/8" POLYCARBONATE CLEAR LENS DIFFUSER, WHITE FINISH, WET LOCATION LISTED	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	2VRTL-G-148-5000LM-ICW-AP125FL-MVOLT-G21-35K-80CRI-WL-WH	MVOLT	39	5000	3500K LED	RECESSED	-	
VWE	2'x4' LED VANDAL-RESISTANT TROFFER, STEEL HOUSING, ACRYLIC FROSTED LENS WITH 1/8" POLYCARBONATE CLEAR LENS DIFFUSER, WHITE FINISH, INTEGRAL 10W SELF-DIAGNOSTIC EMERGENCY BATTERY PACK, WET LOCATION LISTED	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	2VRTL-G-148-5000LM-ICW-AP125FL-MVOLT-G21-35K-80CRI-E10WLCF-WL-WH	MVOLT	39	5000	3500K LED	RECESSED	-	
WB2	2' LED WALL BRACKET, WHITE STEEL HOUSING, LINEAR FACETED OPTICS	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	WL2-22L-G210-LP835	MVOLT	21	2200	3500K LED	SURFACE ON WALL	1	
X1	SINGLE FACE LED EXIT SIGN, DIE-CAST ALUMINUM HOUSING, BRUSHED ALUMINUM FACEPLATE, SEALED MAINTENANCE FREE NICKEL-CADMIUM BATTERY, UL924 LISTED, SELF-DIAGNOSTICS	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	LE-S-1-R-EL-N-SD	120/277	3	-	RED LED LETTERS	UNIVERSAL	2	
X2	DUAL FACE LED EXIT SIGN, DIE-CAST ALUMINUM HOUSING, BRUSHED ALUMINUM FACEPLATE, SEALED MAINTENANCE FREE NICKEL-CADMIUM BATTERY, UL924 LISTED, SELF-DIAGNOSTICS	LITHONIA (OR APPROVED EQUAL BY H.E. WILLIAMS OR COLUMBIA)	LE-S-2-R-EL-N-SD	120/277	3	-	RED LED LETTERS	UNIVERSAL	2	

LUMINAIRE SCHEDULE NOTES:

- A. PROVIDE DRIVERS AS REQUIRED FOR FIXTURES WHERE 0-10V DIMMING IS INDICATED.
- B. SUBSTITUTIONS ARE ALLOWED WITH APPROVAL FOR ALL LIGHTING FIXTURES UNLESS NOTED OTHERWISE. SUBSTITUTE FIXTURES SHALL BE EQUAL IN TYPE, STYLE, MATERIALS, COLOR, FINISH, AND ELECTRICAL RATINGS.
- C. PROVIDE PROPER MOUNTING HARDWARE FOR CEILING TYPE INDICATED ON PLANS.
- D. ALL LED FIXTURES SHALL HAVE SERVICEABLE SURGE PROTECTION DEVICE.

LUMINAIRE SCHEDULE REMARKS:

1. COORDINATE MOUNTING HEIGHT ABOVE SINK WITH MIRROR AND OTHER ACCESSORIES.
2. FACES, MOUNTING, AND CHEVRONS SHALL BE PER PLANS.
3. PROVIDE COMPATIBLE DIMMER FOR FIXTURE WHERE INDICATED ON LIGHTING PLANS.

WIRING DEVICES:

- DUPLEX/QUADPLEX RECEPTACLE
- SPECIAL RECEPTACLE - NEMA IDENTIFICATION LISTED ON PLANS
- C COUNTER HEIGHT OR 44" AFF
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- WP WEATHER PROOF "WHILE IN USE"
- WR WEATHER RESISTANT
- USB UNIVERSAL SERIAL BUS
- RECESSED FLOOR MOUNTED DUPLEX/QUADPLEX RECEPTACLE
- CEILING MOUNTED DUPLEX/QUADPLEX RECEPTACLE
- DP-4 BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER
- BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS REQUIRED
- CONDUIT BELOW SLAB OR GRADE

ELECTRICAL SYSTEM GENERAL NOTES:

1. UNLESS NOTED OTHERWISE ON THE DRAWINGS EACH BRANCH CIRCUIT SHALL BE 20'12" 1812G-1/2" CONDUIT. COMBINED NEUTRALS ARE NOT PERMITTED. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 75 FEET; INCREASE CONDUIT SIZE AS REQUIRED.
2. CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, VERIFY LOCATIONS, CONDUIT ROUTINGS, ETC. TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT BEFORE SUBMITTING A BID. EXISTING CONDITIONS ARE TAKEN FROM NON-INVASIVE FIELD OBSERVATION AND/OR EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE ELECTRICAL CONTRACTOR IS RESPONSIBLE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE THE BID DATE.
3. ALL EXISTING ELECTRICAL PANELS THAT HAVE EXPERIENCED CIRCUIT MODIFICATIONS SHOULD HAVE THEIR PANELS COMPLETELY UPDATED TO REFLECT THE NEW AND ALSO THE UNMODIFIED CIRCUIT ASSIGNMENTS. THESE COMPLETELY NEW PANEL SCHEDULES SHOULD BE TYPED AND NOT HAND-WRITTEN. A "CROSS-OUT" OR "WHITE-OUT" OF THE PREVIOUS ASSIGNMENTS WILL NOT BE ACCEPTED. ANY CIRCUIT BREAKERS SERVING RECENTLY ABANDONED EQUIPMENT MUST BE RELABELED AS "SPARE" UNLESS THESE BREAKERS ARE REPURPOSED FOR ANY OF THE NEW EQUIPMENT.

NOTE:
 SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

ELECTRICAL EQUIPMENT:

- ELECTRICAL PANELBOARD
- ELECTRICAL SYSTEMS PANEL
- T TRANSFORMER
- JUNCTION BOX
- DISCONNECT SWITCH, NON-FUSIBLE, AMP RATING INDICATED
- TIME SWITCH, 7-DAY, SPST - TORX #EW101B OR EQUAL

LIGHTING LEGEND:

- NOTE: SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF TYPES
- LIGHTING FIXTURE, AS SCHEDULED
 - EMERGENCY LIGHTING FIXTURE, AS SCHEDULED
 - EXIT SIGN (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
 - OCCUPANCY SENSOR, CEILING MOUNTED
 - OCCUPANCY SENSOR, WALL MOUNTED
 - DIGITAL LIGHTING MANAGEMENT (DLM) LOW-VOLTAGE OCCUPANCY SENSOR; WATSTOPPER OR EQUAL, CEILING MOUNTED
 - DIGITAL LIGHTING MANAGEMENT (DLM) LOW-VOLTAGE OCCUPANCY SENSOR; WATSTOPPER OR EQUAL, WALL MOUNTED
 - Sx SWITCH
 - (NONE) SINGLE POLE TOGGLE SWITCH
 - 3 THREE POLE TOGGLE SWITCH
 - 4 FOUR POLE TOGGLE SWITCH
 - D DIMMING SWITCH - TYPE REQUIRED FOR FIXTURE BEING CONTROLLED
 - DS THREE-WAY SWITCH WITH DIMMING - TYPE REQUIRED FOR FIXTURE BEING CONTROLLED
 - K KEYED SWITCH
 - O OCCUPANCY SENSOR WALL SWITCH -
 - V VACANCY SENSOR WALL SWITCH
 - Sx LOWER CASE LETTER INDICATES SWITCH LEG
 - WALL DIMMER SWITCH
 - WALL DIMMER SWITCH WITH VACANCY SENSOR
 - SWITCH, LOW VOLTAGE
 - SCENE SWITCH, LOW VOLTAGE
 - DIGITAL LIGHTING MANAGEMENT ROOM CONTROLLER

ELECTRICAL SHEET LIST

E000	ELECTRICAL LEGEND, NOTES & SCHEDULES
E101	ELECTRICAL DEMOLITION LEVEL 1 PLANS
E102	ELECTRICAL DEMOLITION LEVEL 1 PLANS
E201	ELECTRICAL - LEVEL 1 OVERALL PLAN
E202	ELECTRICAL - LEVEL 2 OVERALL PLAN
E301	ELECTRICAL LIGHTING LEVEL 1 PLANS
E302	ELECTRICAL LIGHTING LEVEL 1 PLANS



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- GENERAL NOTES:**
1. VISIT THE SITE AND THOROUGHLY FAMILIARIZE YOURSELF WITH EXISTING CONDITIONS. VERIFY LOCATIONS, CONDUIT ROUTINGS, ETC. TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT BEFORE SUBMITTING A BID. EXISTING CONDITIONS ARE TAKEN FROM NON-INVASIVE FIELD OBSERVATION AND/OR EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE ELECTRICAL CONTRACTOR IS RESPONSIBLE. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE THE BID DATE.
 2. DISCONNECT, REMOVE, AND LEGALLY DISPOSE OF LUMINAIRES AND LIGHTING CONTROLS INDICATED ON THIS DRAWING. RETAIN EXISTING BRANCH CIRCUIT WIRING FOR EXTENSION AND CONNECTION TO NEW LUMINAIRES AND CONTROLS.

PROJECT INFORMATION

Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY

Project Name
J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wrightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

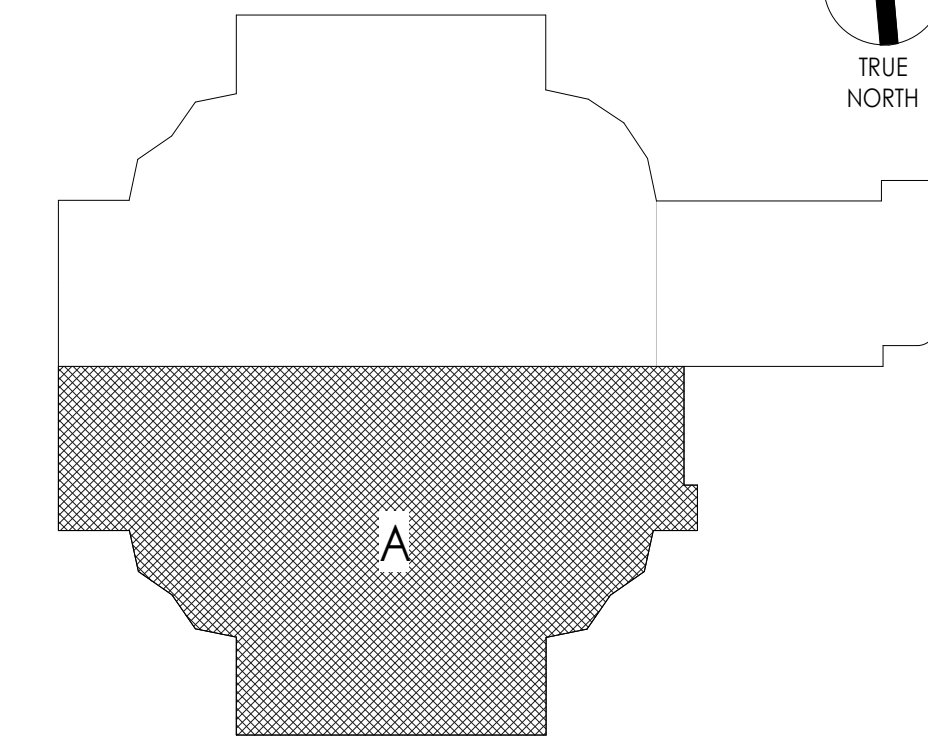
Issue No. Description



DISCONNECT AND REMOVE LIGHTING SWITCHES IN ALL ROOMS WITH LIGHTING MODIFICATIONS FOR REPLACEMENT UNLESS NOTED OTHERWISE. REFER TO E301 LIGHTING PLAN FOR NEW SWITCH TYPES AND LOCATIONS (TYP)

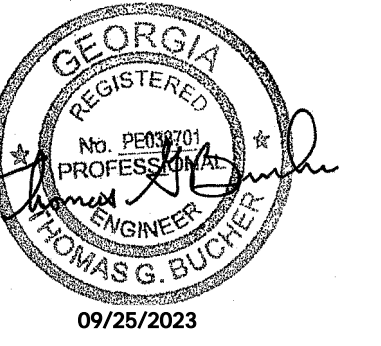
DISCONNECT AND REMOVE LUMINAIRES AND EXIT SIGNS IN ALL ROOMS AND AREAS WITH LIGHTING MODIFICATIONS UNLESS NOTED OTHERWISE. REFER TO E302 LIGHTING PLAN FOR NEW LUMINAIRE TYPES AND LOCATIONS (TYP)

KEY PLAN:



1
E101
TRUE NORTH
ELECTRICAL DEMOLITION PLAN LEVEL 1 - AREA A
1/8" = 1'-0"

PROFESSIONAL STAMPS



SHEET INFORMATION

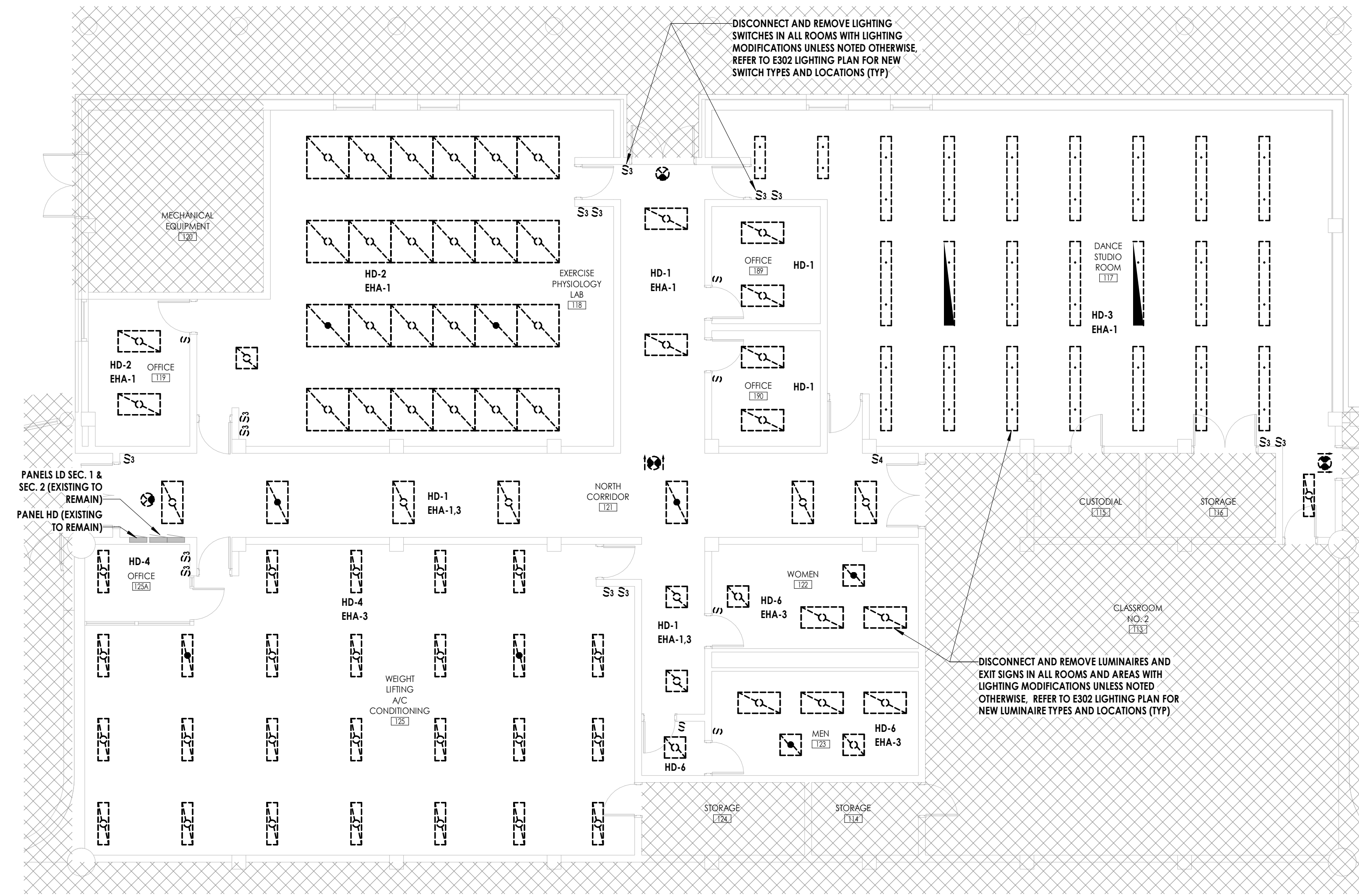
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09/25/2023 As indicated
Project Status
PERMIT SET
Drawn By: JMH
Checked By: TCB
Drawing Title
ELECTRICAL DEMOLITION LEVEL 1 PLANS

Drawing Number

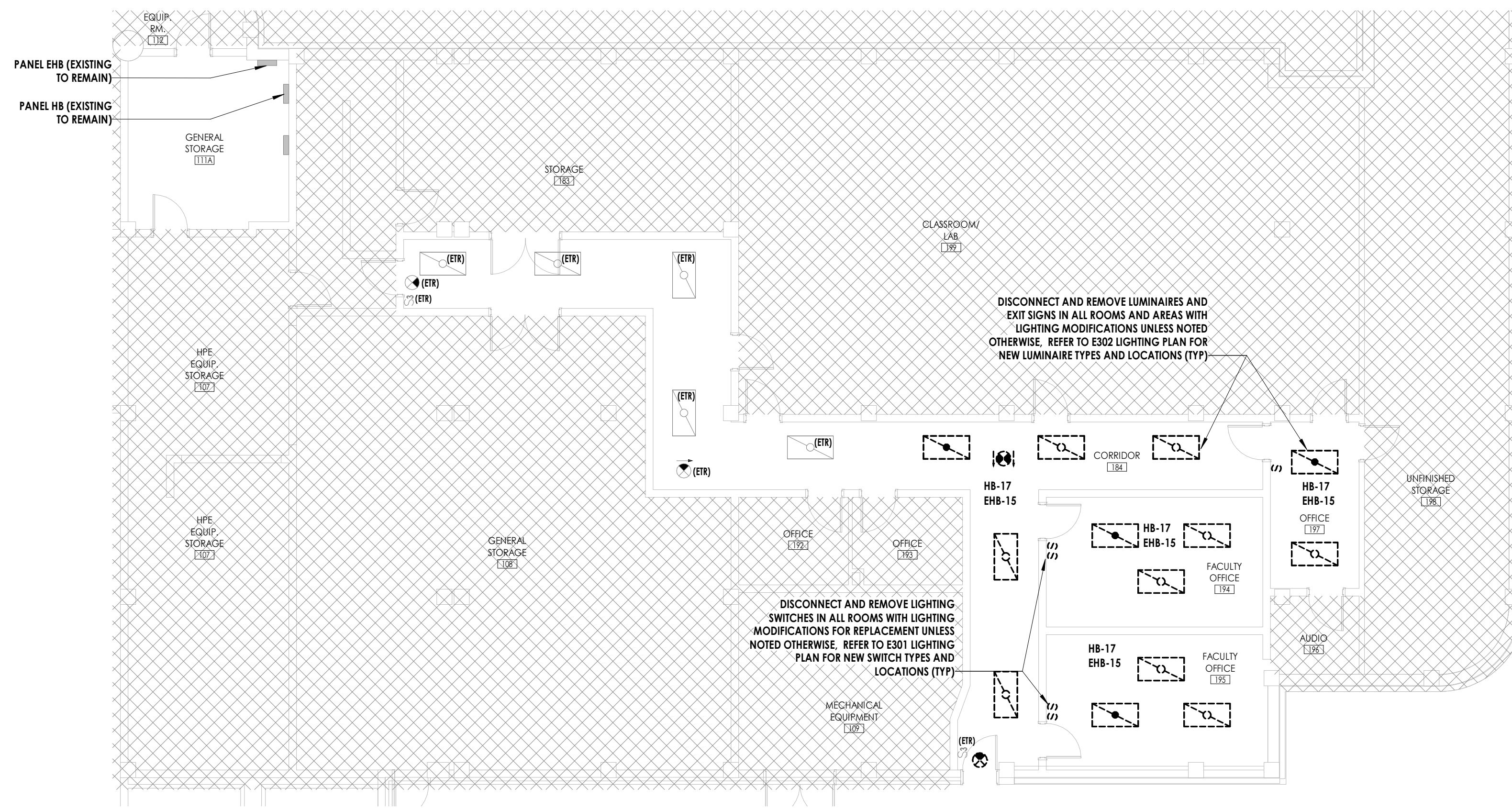
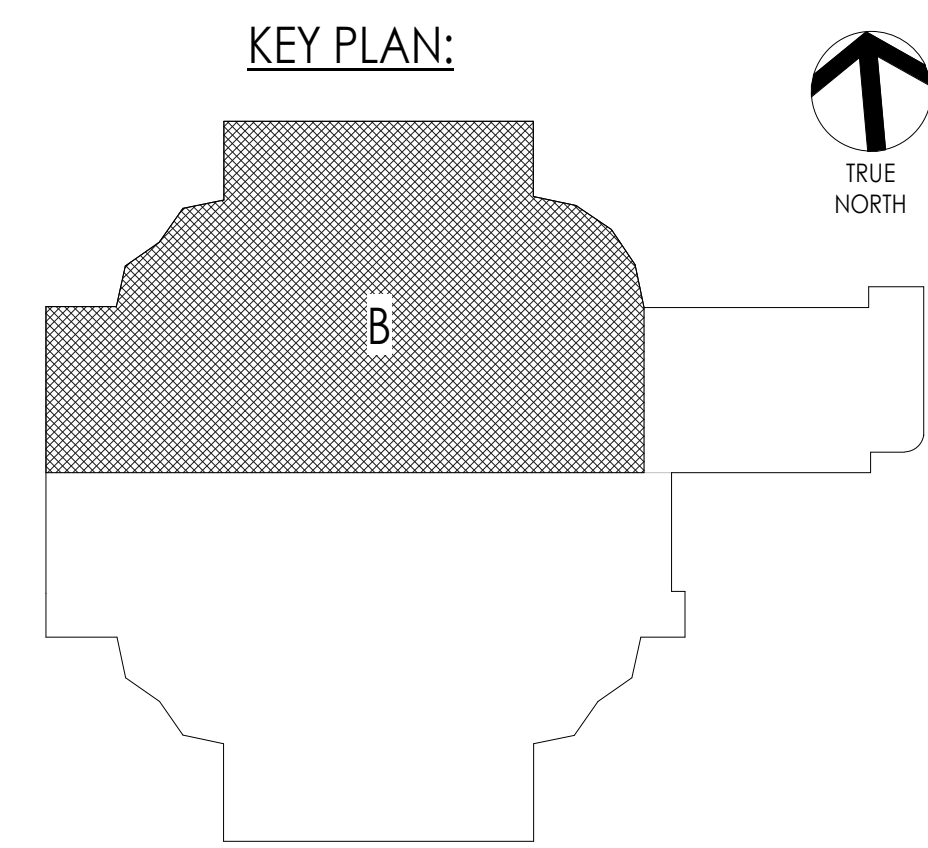
E101



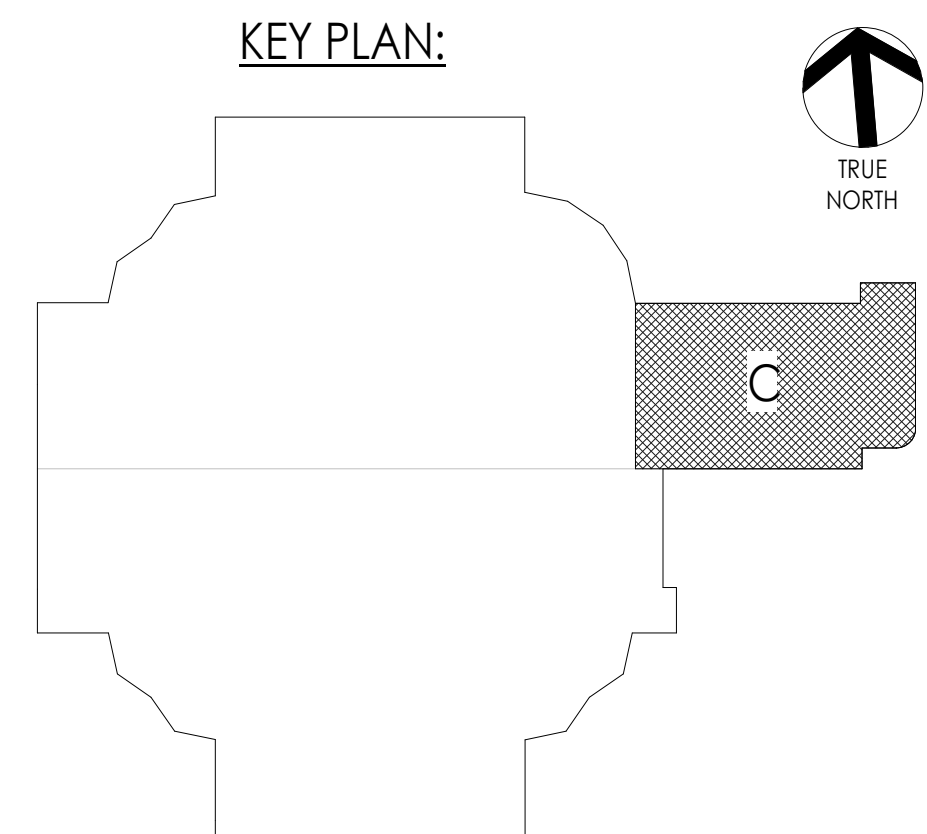
- GENERAL NOTES:**
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 2. DISCONNECT, REMOVE, AND LEGALLY DISPOSE OF LUMINAIRES AND LIGHTING CONTROLS INDICATED ON THIS DRAWING. RETAIN EXISTING BRANCH CIRCUIT WIRING FOR EXTENSION AND CONNECTION TO NEW LUMINAIRES AND CONTROLS.



1
 E102
 1/8" = 1'-0"
 TRUE NORTH



3
 E102
 1/8" = 1'-0"
 TRUE NORTH

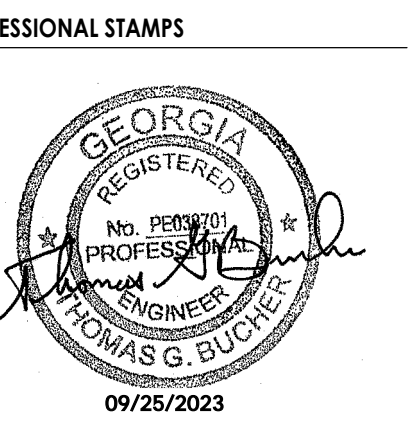


PROJECT INFORMATION
 Project Number: 16686.00
 Client Name: AUGUSTA UNIVERSITY
 Project Name: J-381 AUGUSTA UNIVERSITY - CHRISTENBERRY FIELD HOUSE

Project Address: 3109 Wrightsboro Road
 Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Issue No.	Date	Description



SHEET INFORMATION

Name	Scale
09/25/2023	As indicated
PERMIT SET	
Drawn By: JMH	Checked By: TGB
Drawing Title: ELECTRICAL DEMOLITION LEVEL 1 PLANS	
Drawing Number:	



PROJECT INFORMATION

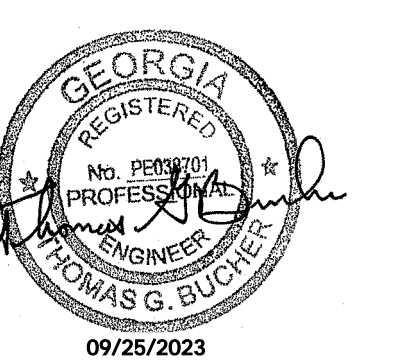
Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY
Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**

Project Address
3109 Wightshboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Issue No. 09/25/2023
Scale As Indicated
Project Status PERMIT SET
Drawn By JMH
Checked By TGB
Drawing Title **ELECTRICAL - LEVEL 1 OVERALL PLAN**

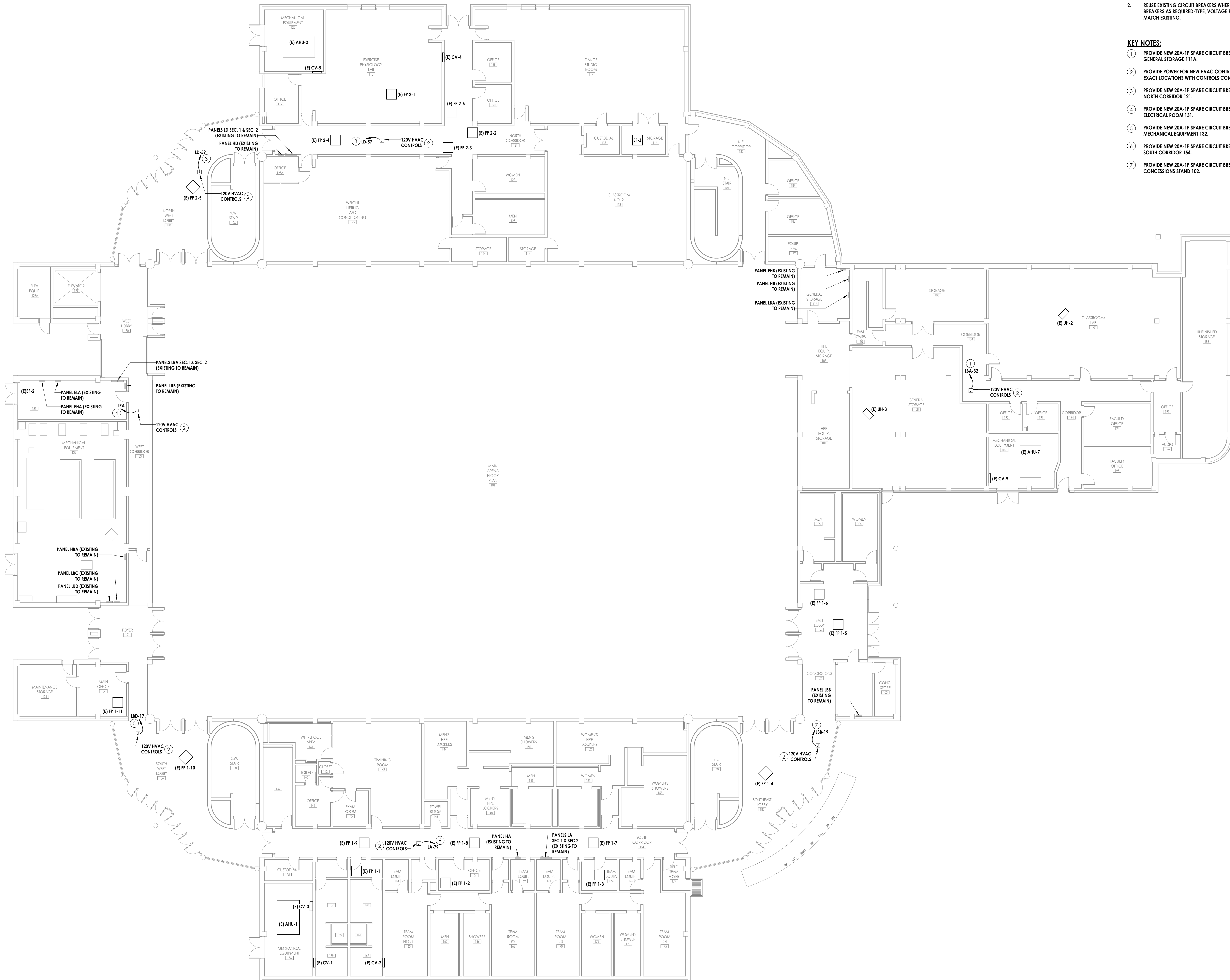
Drawing Number

GENERAL NOTES:

1. VERIFY CIRCUITS ON EXISTING PANELS. ADJUST CIRCUITING AS REQUIRED TO MEET DESIGN INTENT OF DRAWINGS. TURN SPARE BREAKERS OFF.
2. REUSE EXISTING CIRCUIT BREAKERS WHERE POSSIBLE. PROVIDE NEW BREAKERS AS REQUIRED-TYPE, VOLTAGE RATING, AND AIC RATING TO MATCH EXISTING.

KEY NOTES:

1. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'L8A' LOCATED IN GENERAL STORAGE 111A.
2. PROVIDE POWER FOR NEW HVAC CONTROLS AS REQUIRED. COORDINATE EXACT LOCATIONS WITH CONTROLS CONTRACTOR PRIOR TO ROUGH-IN.
3. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'L1' LOCATED IN NORTH CORRIDOR 121.
4. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'L8A' LOCATED IN ELECTRICAL ROOM 131.
5. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'L8D' LOCATED IN MECHANICAL EQUIPMENT 132.
6. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'L1A' LOCATED IN SOUTH CORRIDOR 154.
7. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'L8B' LOCATED IN CONCESSIONS STAND 102.



1 ELECTRICAL - LEVEL 1 OVERALL PLAN
E201 3/32" = 1'-0"

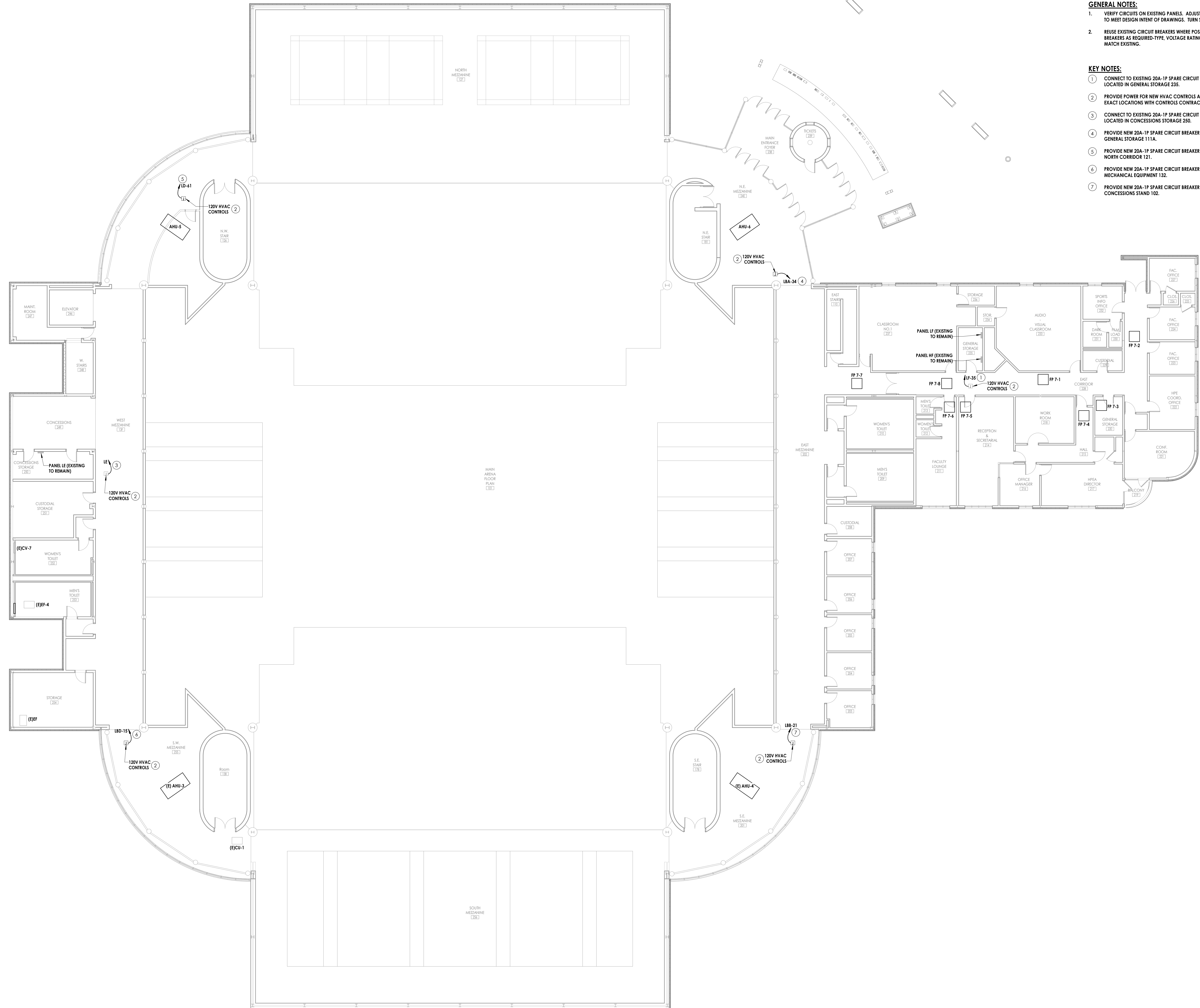


GENERAL NOTES:

1. VERIFY CIRCUITS ON EXISTING PANELS. ADJUST CIRCUITING AS REQUIRED TO MEET DESIGN INTENT OF DRAWINGS. TURN SPARE BREAKERS OFF.
2. REUSE EXISTING CIRCUIT BREAKERS WHERE POSSIBLE. PROVIDE NEW BREAKERS AS REQUIRED-TYPE, VOLTAGE RATING, AND AIC RATING TO MATCH EXISTING.

KEY NOTES:

1. CONNECT TO EXISTING 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'LF' LOCATED IN GENERAL STORAGE 235.
2. PROVIDE POWER FOR NEW HVAC CONTROLS AS REQUIRED. COORDINATE EXACT LOCATIONS WITH CONTROLS CONTRACTOR PRIOR TO ROUGH-IN.
3. CONNECT TO EXISTING 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'LE' LOCATED IN CONCESSIONS STORAGE 236.
4. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'LBA' LOCATED IN GENERAL STORAGE 111A.
5. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'LD' LOCATED IN NORTH CORRIDOR 121.
6. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'LBD' LOCATED IN MECHANICAL EQUIPMENT 132.
7. PROVIDE NEW 20A-1P SPARE CIRCUIT BREAKER IN PANEL 'LBB' LOCATED IN CONCESSIONS STAND 102.



PROJECT INFORMATION

Project Number
16684.00
Client Name
AUGUSTA UNIVERSITY

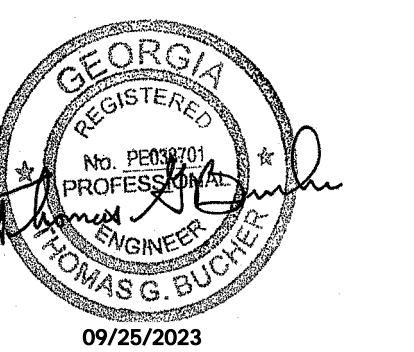
Project Name
**J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE**

Project Address
3109 Wightshoro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS



SHEET INFORMATION

Name
09/25/2023
Project Status
PERMIT SET
Drawn By
JMB
Checked By
TCB
Drawing Title
**ELECTRICAL - LEVEL 2 OVERALL
PLAN**

Drawing Number



PROJECT INFORMATION

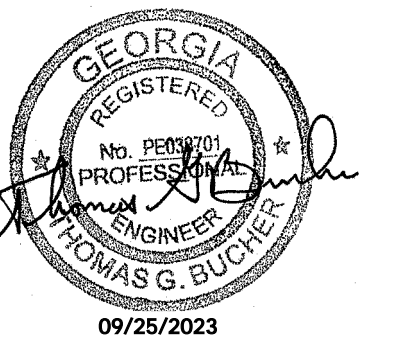
Project Number
16686.00
Client Name
AUGUSTA UNIVERSITY
Project Name
J-381 AUGUSTA UNIVERSITY -
CHRISTENBERRY FIELD HOUSE

Project Address
3109 Wrightsboro Road
Augusta, GA 30909

PROJECT ISSUE & REVISION SCHEDULE

Date Description

PROFESSIONAL STAMPS

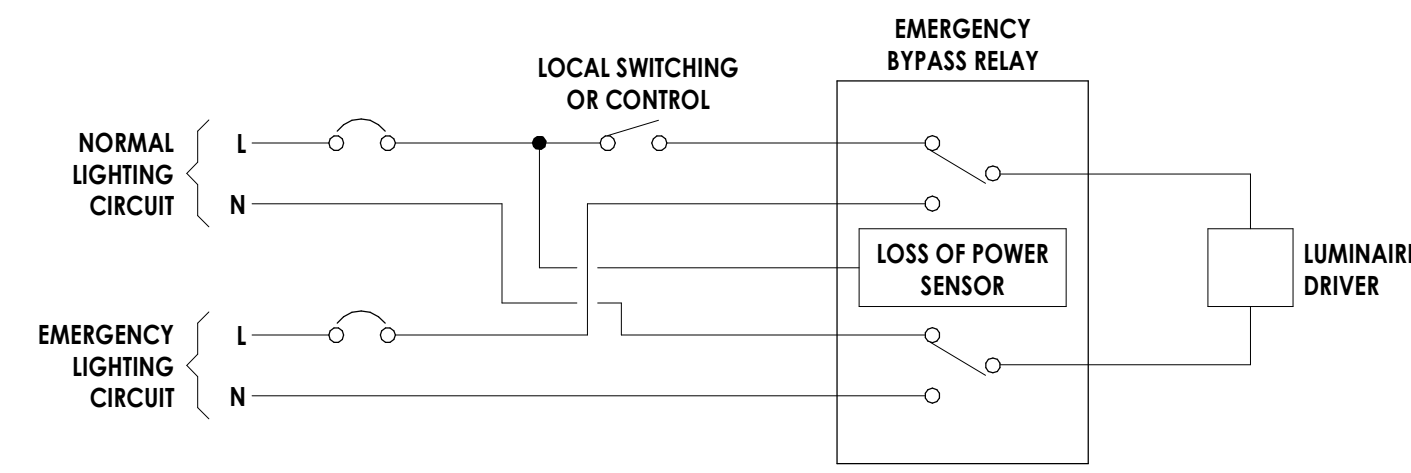


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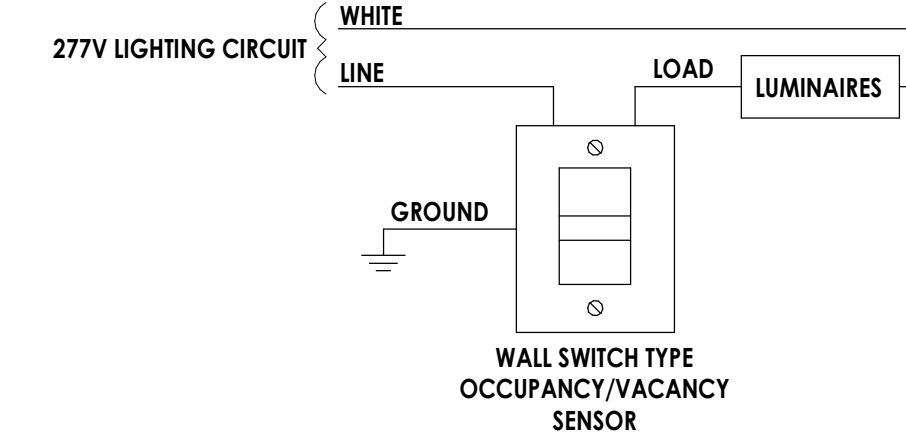
Name Scale
09/25/2023 As Indicated
Project Status
PERMIT SET
Drawn By Checked By
JMH TGB
Drawing Title
ELECTRICAL LIGHTING LEVEL 1
PLANS
Drawing Number

GENERAL NOTES:

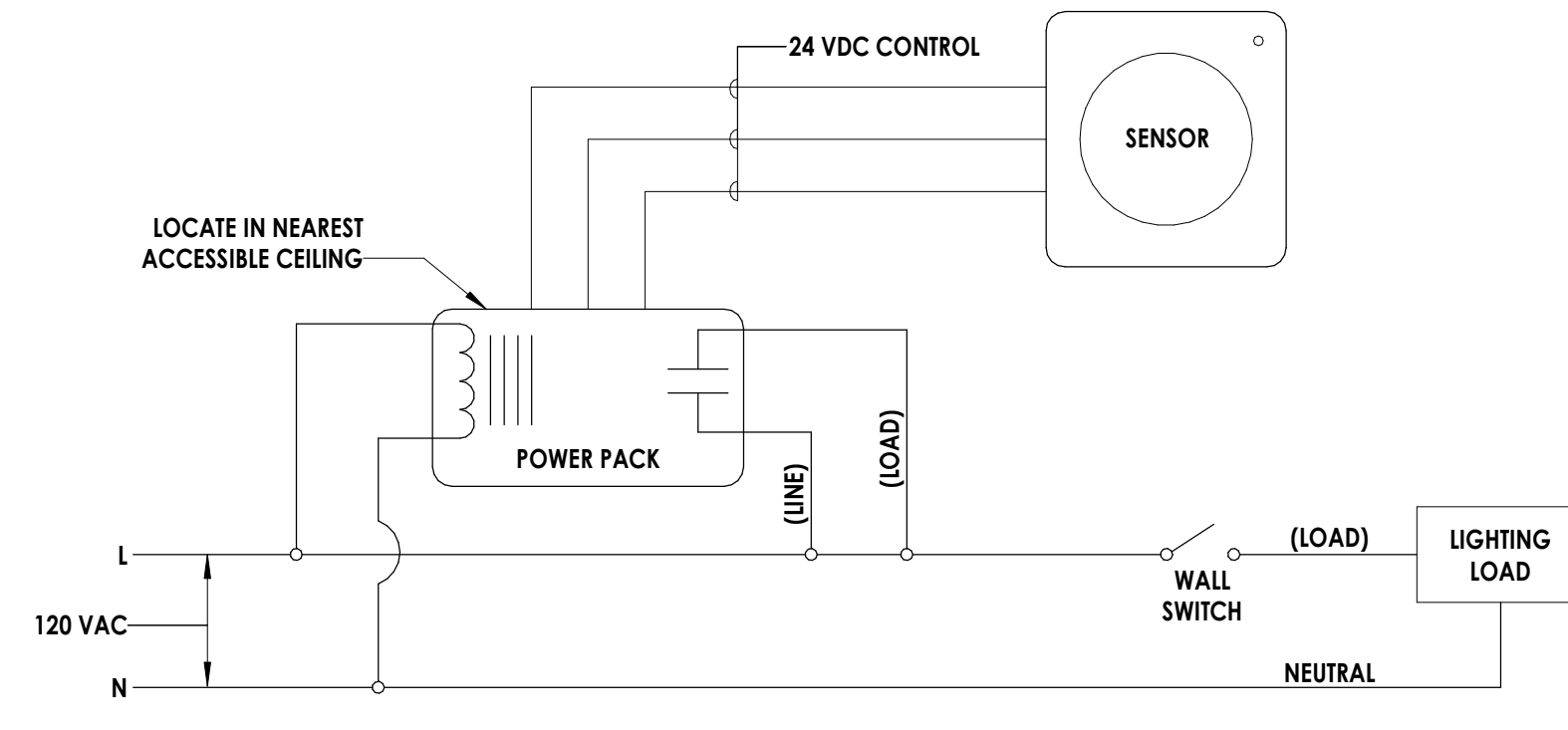
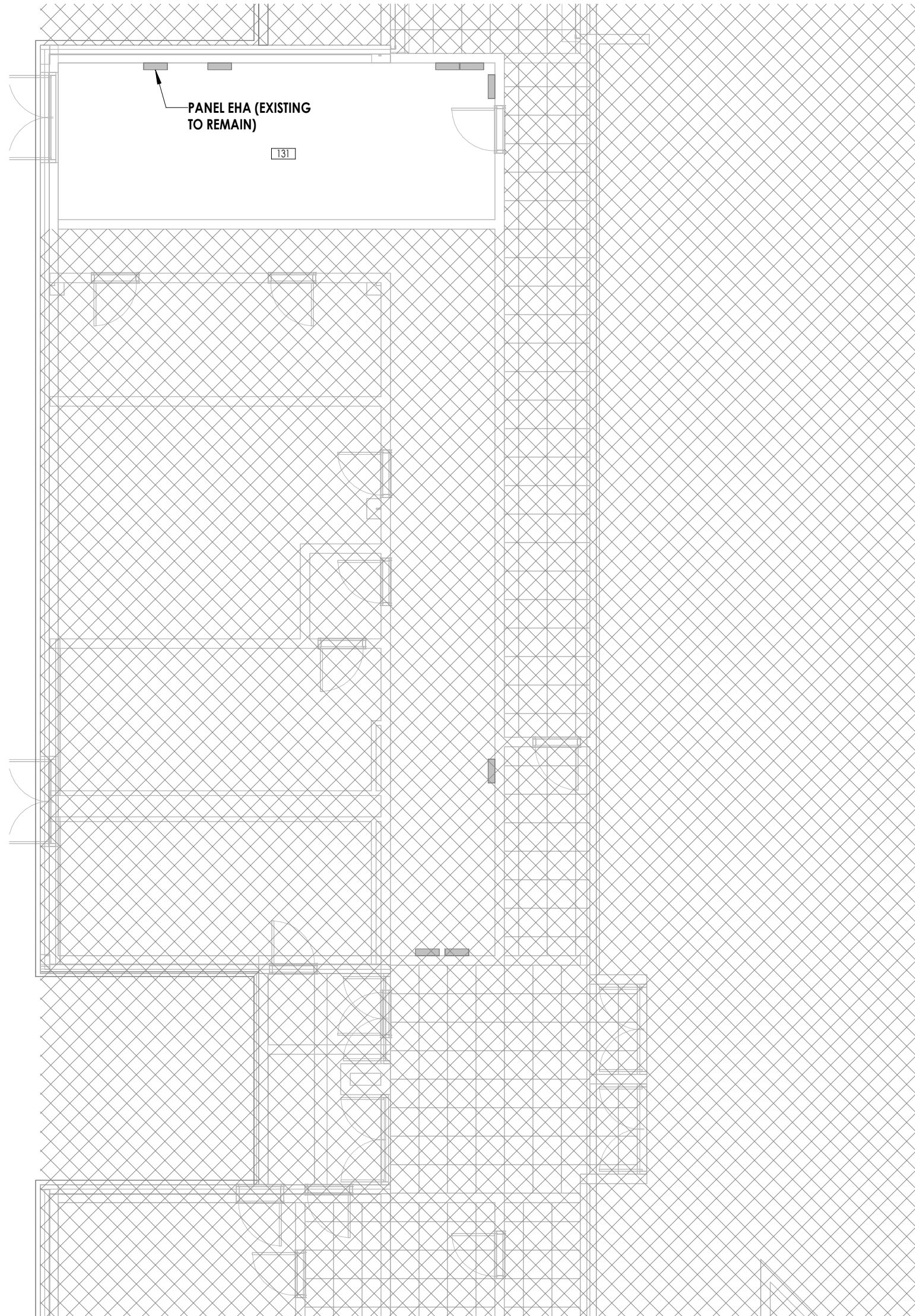
- VISIT THE SITE AND THOROUGHLY FAMILIARIZE YOURSELF WITH EXISTING CONDITIONS. VERIFY LOCATIONS, CONDUIT ROUTINGS, ETC. TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT BEFORE SUBMITTING A BID. EXISTING CONDITIONS ARE TAKEN FROM NON-INVASIVE FIELD OBSERVATION AND/OR EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE ELECTRICAL CONTRACTOR IS RESPONSIBLE. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE THE BID DATE.
- CONNECT NEW LUMINAIRES AND CONTROLS TO EXISTING BRANCH CIRCUIT WIRING. EXTEND CIRCUIT WIRING AS REQUIRED.



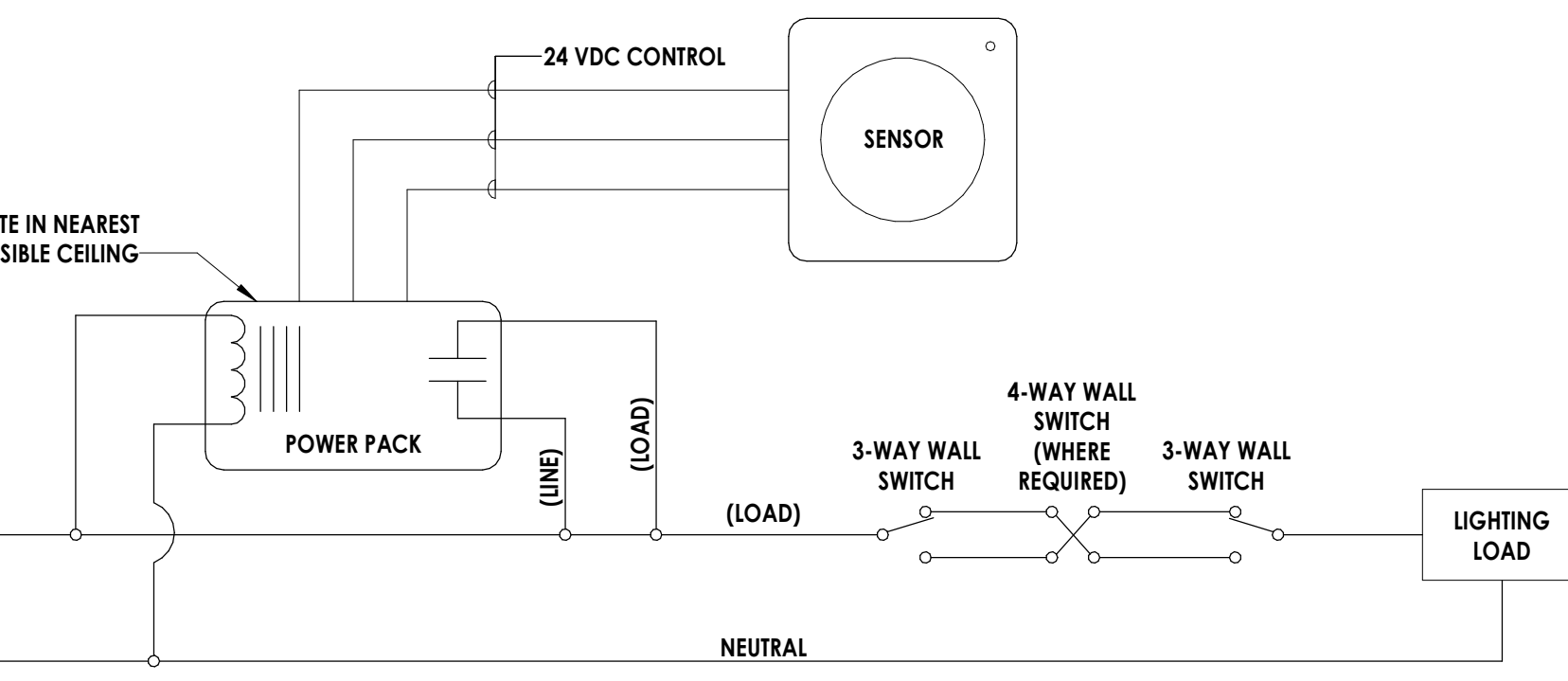
2 EMERGENCY LUMINAIRE CONTROL SCHEMATIC
E301 NOT TO SCALE



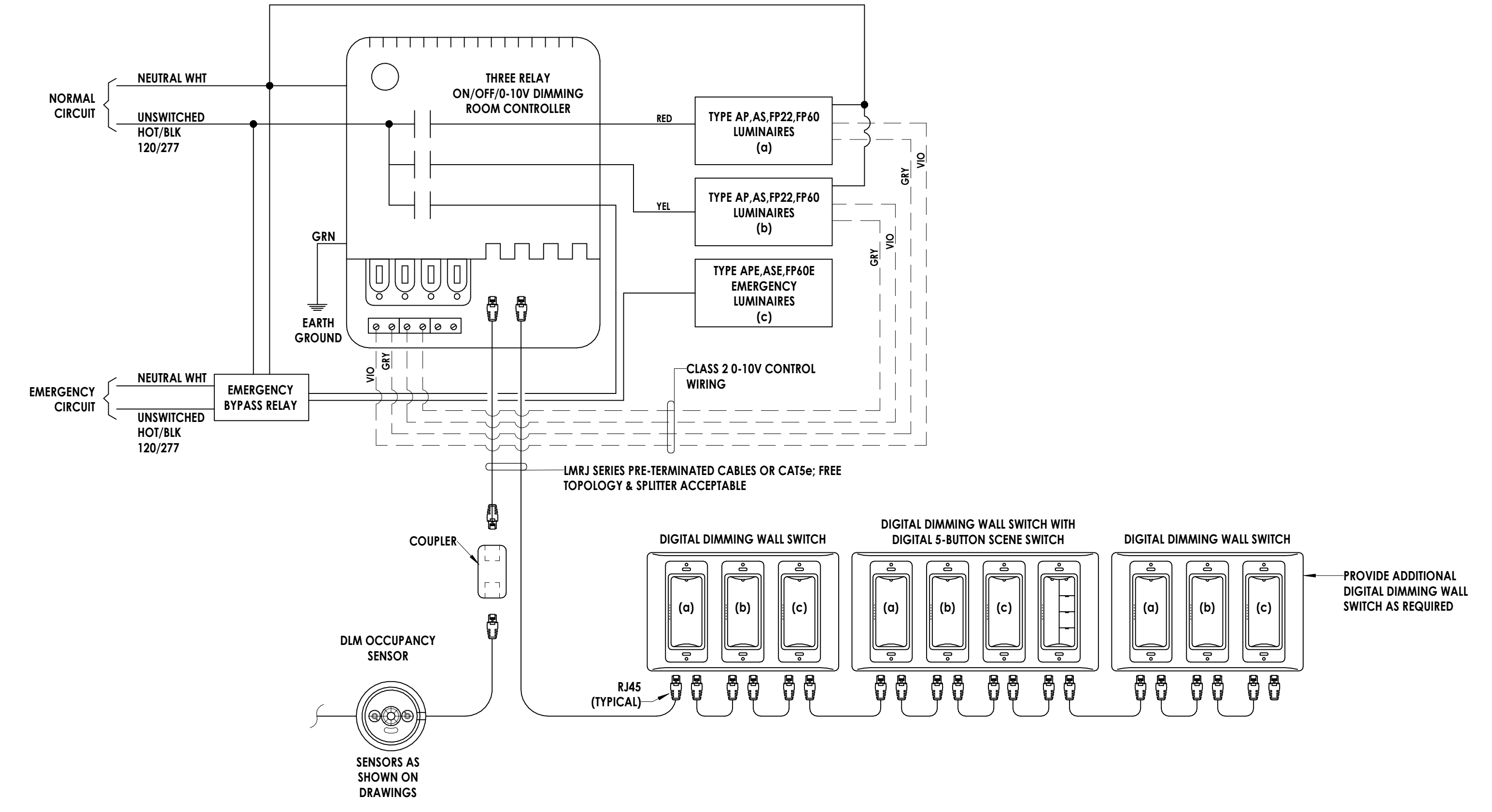
3 WALL BOX OCCUPANCY/VACANCY SENSOR
E301 NOT TO SCALE



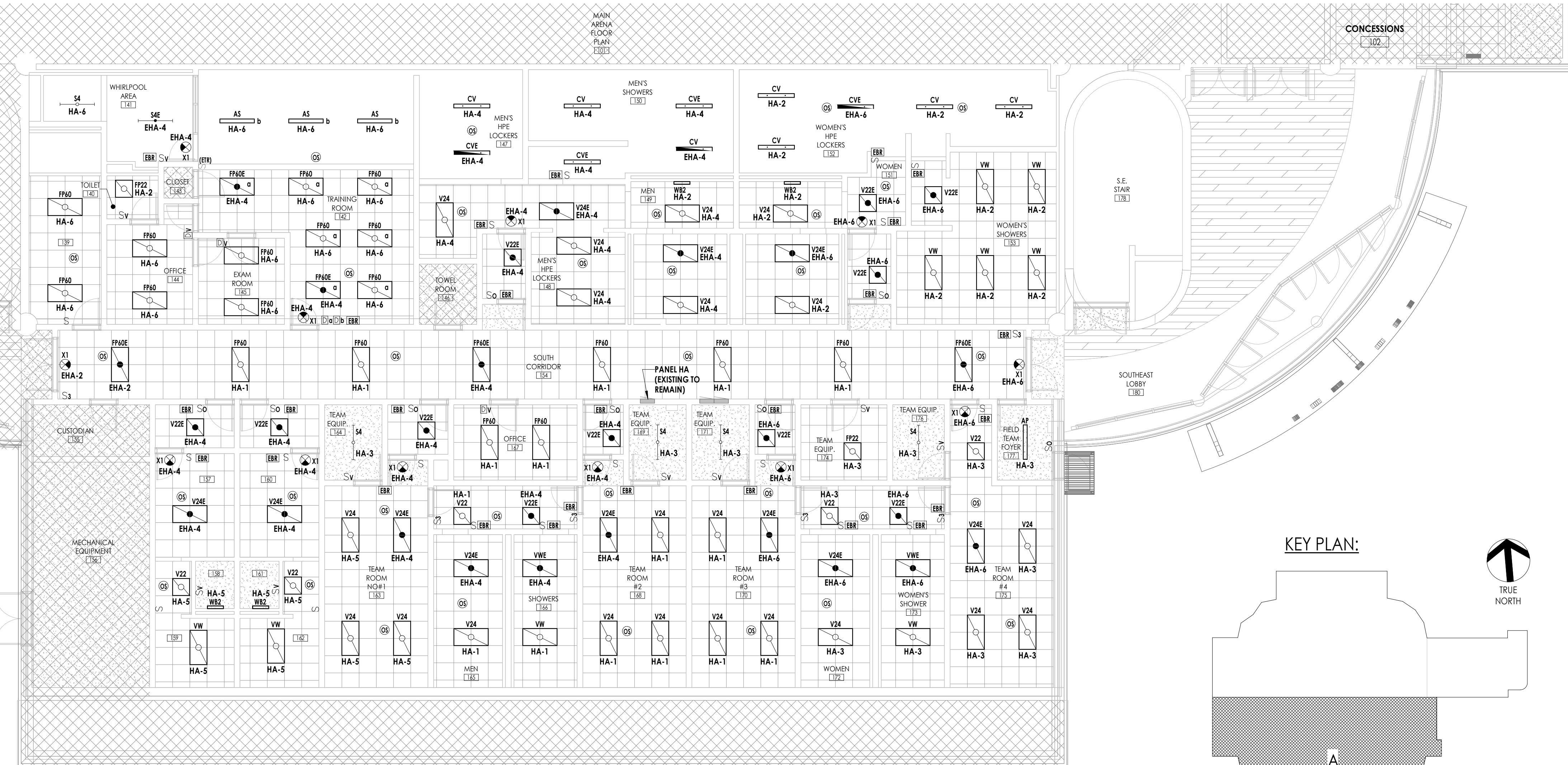
4 SINGLE LEVEL OCCUPANCY/VACANCY SENSOR WIRING DIAGRAM
E301 NOT TO SCALE



5 SINGLE LEVEL OCCUPANCY/VACANCY SENSOR 3-WAY/4-WAY SWITCHING WIRING DIAGRAM
E301 NOT TO SCALE



6 TYPICAL DLM LIGHTING CONTROL SCHEMATIC
E301 NOT TO SCALE



1 ELECTRICAL LIGHTING PLAN LEVEL 1 - AREA A
E301 1/8" = 1'-0"

KEY PLAN:

