

CONSTRUCTION DOCUMENTS
FOR

City of Joliet

Victory Centre Gymnasium Demolition 25 N. Broadway Street Joliet, Illinois 60435



**ETHOS
WORKSHOP
ARCHITECTS**
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Participating Consultants:

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ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 21480581.000

GENERAL INFORMATION

PARTICIPATING ORGANIZATIONS		
OWNER:	CITY OF JOLIET 150 W. JEFFERSON STREET JOLIET, ILLINOIS 60432	PHONE: (815) 724-4000
ARCHITECT:	ETHOS WORKSHOP ARCHITECTS 105 JACKSON AVENUE, SUITE 2 NAPERVILLE, ILLINOIS 60540	PHONE: (630) 527-6723
STRUCTURAL ENGINEER:	LARSON ENGINEERING, INC. 1488 BOND STREET, SUITE 100 NAPERVILLE, ILLINOIS 60563-8465	PHONE: (630) 357-0540
CONSTRUCTION MANAGER:	R. BERTI BUILDING SOLUTIONS 1609 ROCK CREEK BOULEVARD JOLIET, ILLINOIS 60431	PHONE: (815) 725-9335

GENERAL NOTES

- THE CONSTRUCTION MANAGER IS SOLELY RESPONSIBLE FOR THE COORDINATION OF THE RESPONSIBILITIES OF EACH TRADE. NOTES CONTAINED HEREIN SHALL NOT BE CONSTRUCTED TO DEFINE THE CONTRACTUAL RELATIONSHIP BETWEEN THE CONSTRUCTION MANAGER AND HIS/HER CONTRACTORS.
- IT IS THE INTENT OF THESE CONSTRUCTION DOCUMENTS TO INCLUDE ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK, READY FOR OCCUPANCY AND OPERATION BY THE OWNER, WHERE A QUESTION EXISTS AS TO THE EXTENT OF THE RESPONSIBILITY OF THE CONTRACTOR, CONTACT THE ARCHITECT PRIOR TO SUBMITTING A PROPOSAL.
- THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, TEMPORARY SHORING OR SCAFFOLDING, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, OR FOR ACTS OF OMISSIONS BY THE CONSTRUCTION MANAGER, CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS.
- SHOP DRAWINGS PREPARED BY THE CONTRACTORS, SUPPLIERS, ETC. SHALL BE REVIEWED BY THE ARCHITECT ONLY FOR CONFORMANCE WITH DESIGN CONCEPT. REVIEW SHALL BE FOR GENERAL ARRANGEMENT ONLY. CONTRACTOR SHALL REMAIN FULLY RESPONSIBLE FOR CORRECT DIMENSIONS, DETAILS, QUANTITIES, FIT OF ASSEMBLED PARTS, AND CONFORMITY TO THE REQUIREMENTS OF PLANS AND SPECIFICATIONS.
- PRIOR TO SUBMISSION FOR ARCHITECT'S REVIEW, SHOP DRAWINGS SHALL BE REVIEWED BY THE CONSTRUCTION MANAGER, AND SHALL BEAR THE CONSTRUCTION MANAGER'S STAMP ATTESTING TO SUCH REVIEW. SHOP DRAWINGS SUBMITTED WITHOUT PRIOR REVIEW BY THE CONSTRUCTION MANAGER SHALL BE SUBJECT TO AUTOMATIC REJECTION.
- FIVE (5) BLACK LINE PRINTS (MINIMUM) OF SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW. SUBMISSION OF SHOP DRAWINGS SHALL OCCUR IN A TIMELY MANNER, ALLOWING ARCHITECT REASONABLE TIME FOR REVIEW.
- CONSTRUCTION WITHOUT REVIEWED SHOP DRAWINGS CONSTITUTES NON-COMFORMANCE OF SPECIFICATIONS AND THE CONTRACTOR ASSUMES ALL RESPONSIBILITY.
- DO NOT SCALE DRAWINGS.
- EACH CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO SUBMITTING A PROPOSAL AND AGAIN DURING THE PREPARATION OF SHOP DRAWINGS, ETC.
- THE CONSTRUCTION MANAGER SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR OMISSIONS ENCOUNTERED FOR CLARIFICATION. THE CONSTRUCTION MANAGER SHALL PROCURE THE BUILDING PERMIT, MECHANICAL PERMIT, ELECTRICAL PERMIT, AND ALL OTHER APPLICABLE PERMITS AS REQUIRED BY THE CITY OF JOLIET, ILLINOIS. THE OWNER SHALL PAY ALL ASSOCIATED FEES. THE CONSTRUCTION MANAGER SHALL PROCURE ALL INSPECTIONS REQUIRED BY THE WORK. THE CONSTRUCTION MANAGER SHALL PAY FOR ALL ASSOCIATED INSPECTION FEES.
- THE CONTRACTOR SHALL NOT SUBSTITUTE MATERIALS OR EQUIPMENT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT.
- ANY ALTERATION WORK AFFECTING EXISTING SYSTEMS UNDER WARRANTY MUST BE PERFORMED IN COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, SO AS NOT TO VOID EXISTING WARRANTIES.
- THE CONSTRUCTION MANAGER SHALL LEAVE THE JOB SITE LOCKED AND SECURED AT THE END OF EACH WORK DAY. COORDINATE SCHEDULE, KEYING AND ACCESS TO OCCUPIED PORTIONS OF EXISTING BUILDINGS WITH THE OWNER.
- AUTOCAD ELECTRONIC FILES ARE AVAILABLE ONLY TO THE AWARDED CONTRACTORS. INCLUDE IN THE BID, \$50 PER SHEET, PER TRANSMISSION, FOR PREPARATION AND E-MAIL TRANSMISSION OF THE FILES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SOLELY BEAR ALL DAMAGES, LOSSES OR EXPENSES IT OR ITS EMPLOYEES, OFFICERS, SUBCONTRACTORS AND CONSULTANTS INCUR AS A RESULT OF (1) ERRORS OR DEFECTS INTRODUCED BY SUCH TRANSMISSION, (2) THE CONTRACTORS' AND/OR ITS INDEPENDENT CONTRACTORS' OR AGENTS' USE OF AUTOMATED CONVERSION OR REFORMATTING OF THE DATA, INFORMATION OR DOCUMENTS TRANSMITTED, (3) DEFECTS OR ERRORS IN THE CONTRACTORS' AND ITS INDEPENDENT CONTRACTORS' OR AGENTS' SOFTWARE OR HARDWARE UTILIZED TO RECEIVE, TRANSMIT, UTILIZE, FORMAT, PLOT, PRINT, OR REPRODUCE DATA, INFORMATION OR DOCUMENTS, AND (4) CONSTRUCTION CHANGES NOT REFLECTED ON THE TRANSMISSION. A SIGNED RELEASE AGREEMENT WILL BE REQUIRED PRIOR TO ANY ELECTRONIC TRANSFER OF COPYRIGHTED DOCUMENTS.
- CLEANING: THE CONSTRUCTION MANAGER SHALL VERIFY ACCEPTABLE LOCATIONS OF DUMPSTER WITH THE OWNER AND ARCHITECT PRIOR TO CONSTRUCTION. ALL CONTRACTORS SHALL CLEAN THE WORK SPACE AT THE END OF EACH WORK DAY TO A "BROOM CLEAN" CONDITION. REMOVE DEMOLISHED MATERIALS AND REFUSE TO THE CONTRACTOR'S COVERED DUMPSTER OR LEGALLY REMOVE FROM THE SITE.
- SAFETY COORDINATION: THE CONSTRUCTION MANAGER IS SOLELY RESPONSIBLE FOR PROJECT SAFETY PROGRAMS AND THE SAFETY AND PROTECTION FROM ALL OF HIS EQUIPMENT, OPERATIONS, STORAGE FACILITIES, AND DUMPSTERS, AND SHALL HOLD THE OWNER, THE USER, THE ARCHITECT AND THE CITY OF JOLIET, ILLINOIS, HARMLESS FROM ALL LIABILITIES RESULTING THEREOF. PRESERVE THE FIRE SAFETY INTEGRITY OF EXISTING FACILITIES WHICH REMAIN OCCUPIED DURING CONSTRUCTION OPERATIONS.
- ENSURE THAT ALL FIRE EXITS PROVIDE FREE UNOBSTRUCTED EGRESS.
- ENSURE THAT ALL FIRE ALARM, PROTECTION, AND SUPPRESSION SYSTEMS ARE FULLY OPERATIONAL AND APPROPRIATE TEMPORARY PROTECTION MEASURES ARE IMPLEMENTED.
- ALL WORK SHALL CONFORM TO THE CODE AND THE APPROVED PLANS. ALL CHANGE ORDERS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND APPROVED BEFORE WORK STARTS.
- THE CONSTRUCTION MANAGER IS TO ARRANGE AND COORDINATE SPECIAL INSPECTIONS WITH THE ARCHITECT AND BUILDING DEPARTMENT. SPECIAL INSPECTIONS CONSTITUTE THOSE AS SPECIFIED BY THE INTERNATIONAL BUILDING CODE (IBC) SECTION 1704. THE FEES AND COSTS ASSOCIATED WITH ALL SPECIAL INSPECTIONS ARE TO BE PAID FOR BY THE CONTRACTOR.
- THE BUILDING DEPARTMENT MUST BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY INSPECTION.
- AFTER ALL WORK IS COMPLETED, A FINAL INSPECTION WITH ANY REQUIRED TESTING MUST BE CONDUCTED. THE BUILDING DEPARTMENT MUST BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE FOR FINAL INSPECTION.
- AFTER SUCCESSFUL COMPLETION OF THE FINAL INSPECTION AND TESTING, THE BUILDING DEPARTMENT MUST BE PROVIDED WITH A SIGNED CERTIFICATE INDICATING THAT ALL WORK WAS DESIGNED AND INSTALLED IN CONFORMANCE WITH THE REQUIREMENTS OF FEDERAL, STATE, AND LOCAL CODES AND REQUIREMENTS HAVING LAWFUL JURISDICTION INCLUDING THE CURRENT EDITION OF THE ILLINOIS ACCESSIBILITY CODE AND "ADA GUIDELINES FOR BUILDINGS AND FACILITIES" BY THE FEDERAL DEPARTMENT OF JUSTICE.
- THE CONSTRUCTION MANAGER SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES TO FACILITATE JOB COMPLETION IN AN EFFICIENT AND TIMELY MANNER.
- EACH CONTRACTOR SHALL VERIFY THAT PRECEDING WORK IS CORRECT BEFORE COMMENCEMENT OF DEPENDENT WORK. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- THE CONSTRUCTION MANAGER AND ALL CONTRACTORS SHALL PROVIDE ALL WORK IN CONFORMANCE WITH FEDERAL, STATE, AND LOCAL CODES AND REQUIREMENTS HAVING LAWFUL JURISDICTION INCLUDING THE CURRENT EDITION OF THE ILLINOIS ACCESSIBILITY CODE AND "ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES" BY THE FEDERAL DEPARTMENT OF JUSTICE.
- EACH CONTRACTOR SHALL INSTALL MATERIALS IN ACCORDANCE WITH APPLICABLE MANUFACTURERS' PRINTED INSTRUCTIONS AND RECOMMENDATIONS, AND COMPLY WITH GOVERNING INDUSTRY REGULATIONS AND STANDARDS APPLICABLE TO THE WORK.
- EACH CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED TO COMPLETE HIS/HER WORK.
- PENETRATIONS THROUGH RATED FLOOR AND WALL ASSEMBLIES SHALL BE FIRE STOPPED WITH THROUGH-PENETRATION FIRESTOPPING ASSEMBLIES THAT MATCH THE FIRE RATING OF THE WALLS OR FLOOR BEING PENETRATED IN COMPLIANCE WITH ASTM E-814.
- ALL NEW CONSTRUCTION SHALL BE SUSPENDED FROM STRUCTURAL FRAMING MEMBERS. DO NOT HANG FROM METAL DECK, DUCTWORK, SERVICE PIPE, ETC. RUN PIPING PARALLEL WITH BUILDING WALLS AND CONSTRUCTION AND AVOID CONFLICT WITH OTHER BUILDING SERVICES.
- NO CONDUIT OR PIPING SHALL RUN EXPOSED WITHOUT THE PRIOR ACCEPTANCE OF THE ARCHITECT, UNLESS SPECIFICALLY CALLED OUT AS SUCH ON THE DRAWINGS.
- DEFINITIONS
- ACCEPTED: THE TERMS "ACCEPTED", "REQUIRED", AND "AS DIRECTED" REFER TO AND INDICATE WORK OR MATERIALS THAT MAY BE ACCEPTED, APPROVED, OR REQUIRED BY THE ARCHITECT, ACTING AS THE AGENT OF THE OWNER.
- "AS DIRECTED": REFER TO AND INDICATE WORK OR MATERIALS THAT MAY BE ACCEPTED, APPROVED, OR REQUIRED BY THE ARCHITECT, ACTING AS THE AGENT OF THE OWNER.
- CODE: THE TERMS "CODE" AND "BUILDING CODE" REFER TO REGULATIONS BY GOVERNMENTAL AGENCIES HAVING LAWFUL JURISDICTION.
- PROVIDE: FURNISH AND INSTALL COMPLETE IN PLACE, TESTED, AND APPROVED, READY FOR USE.
- SHOWN: THE TERMS "SHOWN", "INDICATED", "DETAILED", "NOTED", "SCHEDULED" AND TERMS OF SIMILAR CHARACTER REFER TO REQUIREMENTS CONTAINED IN THE CONTRACT DOCUMENTS.
- SIMILAR: THE TERM IS USED IN ITS GENERAL SENSE, AND DOES NOT NECESSARILY MEAN IDENTICAL. THE DETERMINATION OF SIMILARITY OF PRODUCTS OR APPLICATIONS IS SUBJECT TO THE APPROVAL OF THE ARCHITECT, ACTING AS THE AGENT OF THE OWNER.

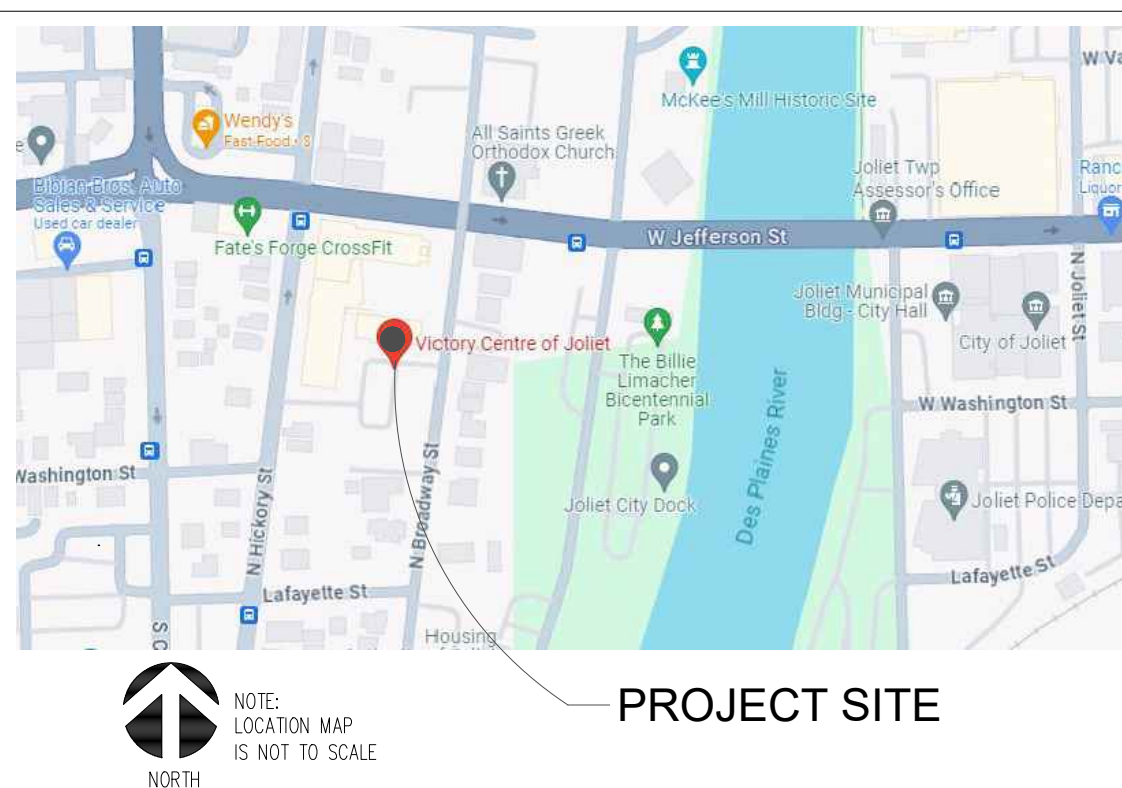
SHEET LIST

GENERAL PROJECT INFORMATION	
T	TITLE SHEET/GENERAL PROJECT INFORMATION
ARCHITECTURAL DRAWINGS	
A1-L	FOUNDATION DEMOLITION PLAN
A1-1	FIRST FLOOR DEMOLITION PLAN
A1-2	SECOND FLOOR DEMOLITION PLAN
A1-3	SECOND FLOOR GALLERY DEMOLITION PLAN
A1-4	ROOF DEMOLITION PLAN
A1-5	EXTERIOR ELEVATIONS DEMOLITION
A1-6	EXTERIOR ELEVATIONS DEMOLITION
A1-7	DEMOLITION BUILDING SECTIONS
A2-L	NEW FOUNDATION PLAN
A2-1	NEW FIRST FLOOR AND SITE PLAN
A2-2	NEW SECOND FLOOR PLAN
A2-3	NEW SECOND FLOOR GALLERY PLAN
A2-4	NEW ROOF PLAN
A5-1	NEW STRUCTURAL REINFORCING AT THE WEST EXTERIOR ELEVATIONS NEW WEST EXTERIOR ELEVATION OPTIONS - BASE BID, ALTERNATE NO. 1, ALTERNATE NO. 2
A5-2	NEW STRUCTURAL REINFORCING AT THE NORTH EXTERIOR ELEVATIONS NEW NORTH EXTERIOR ELEVATION OPTIONS - BASE BID, ALTERNATE NO. 1, ALTERNATE NO. 2
A6-1	EXISTING BUILDING SECTIONS
A6-2	NEW WALL SECTIONS
A6-3	NEW WALL SECTIONS AND DETAILS
A6-4	NEW WALL SECTIONS - ALTERNATE NO. 2
A6-5	NEW WALL SECTIONS AND DETAILS - ALTERNATE NO. 2
STRUCTURAL DRAWINGS	
S0.0	GENERAL STRUCTURAL NOTES AND ABBREVIATIONS
S0.1	SPECIAL INSPECTION TABLES
S0.2	STRUCTURAL DETAILS
S0.3	GENERAL STRUCTURAL NOTES AND ABBREVIATIONS
S0.4	SPECIAL INSPECTION TABLES
S0.5	SITE PLAN
SD0.0	BASEMENT AND FOUNDATION DEMOLITION PLAN
SD0.1	FIRST FLOOR DEMOLITION PLAN
SD0.2	SECOND FLOOR DEMOLITION PLAN
SD0.3	EXISTING SECOND FLOOR GALLERY DEMOLITION PLAN
SD0.4	ROOF DEMOLITION PLAN
SD0.5	DEMOLITION BUILDING SECTIONS
S1.0	NEW BASEMENT AND FOUNDATION PLAN
S1.1	NEW FIRST FLOOR PLAN
S1.2	NEW SECOND FLOOR PLAN
S1.3	NEW ROOF LEVEL PLAN

SYMBOLS AND MATERIAL LEGEND

ROOM NO.	ROOM NO.	EARTH
DOOR NO.	DOOR NO.	GYPSUM BOARD
KEY NOTE NO.	KEY NOTES	STEEL
WINDOW TYPE	WINDOW TYPE	RE- BARS
REVISION NO.	REVISION	BRICK
PARTITION TYPE	PARTITION	CONC. MASONRY UNIT
SECTION NO.	SHEET NO.	WOOD BLOCKING
SECTION NO.	SHEET NO.	RIGID INSULATION
DETAIL NO.	SHEET NO.	CONCRETE
A	1	EXTERIOR INSULATION AND FINISH SYSTEM (E.I.F.S.)
		DIRECT APPLIED EXTERIOR FINISHING SYSTEM (D.E.F.S.)
		BATT INSULATION
		PLYWOOD

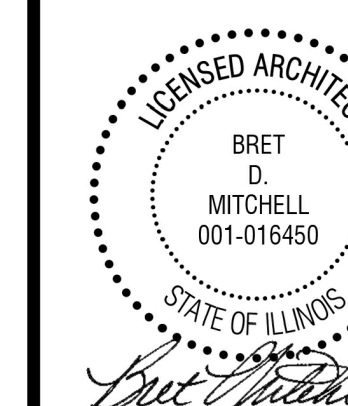
LOCATION MAP



Architect's Certification:

STATEMENT OF COMPLIANCE
I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief, to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act [410 ILCS 25] and the Illinois Accessibility Code [71 Ill. Adm. Code 400].

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Expires: 11/30/2024



The following drawings have been prepared under my direct supervision:

T, A1-L, A1-1, A1-2, A1-3, A1-4, A1-5, A1-6, A1-7, A2-L, A2-1, A2-2, A2-3, A2-4, A5-1, A5-2, A6-1, A6-2, A6-3, A6-4, A6-5

Drawing Title:

TITLE SHEET/
GENERAL PROJECT INFORMATION

Issue/ Revision:

No.	Date	Description

Project No.: 23010 **Date:** 5/2/2024
Drawn By: SDB, AM **Checked By:** BDM



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Project Name:

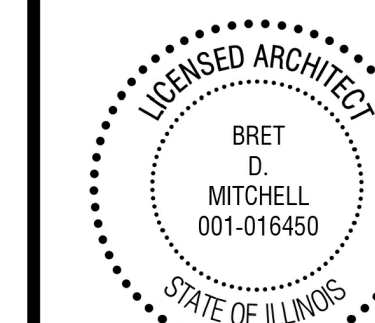
CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Architect's Certification:

STATEMENT OF COMPLIANCE
I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act [410 ILCS 25] and the Illinois Accessibility Code [71 Ill. Adm. Code 400].

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Expires: 04/30/2025
License: 001.016450
Expires: 11/30/2024



Bret D. Mitchell 5/2/2024
Signature Date

The following drawings have been prepared under my direct supervision:

T, A1-L, A1-1, A1-2, A1-3, A1-4, A1-5,
A1-6, A1-7, A2-L, A2-1, A2-2, A2-3,
A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

FOUNDATION DEMOLITION PLAN

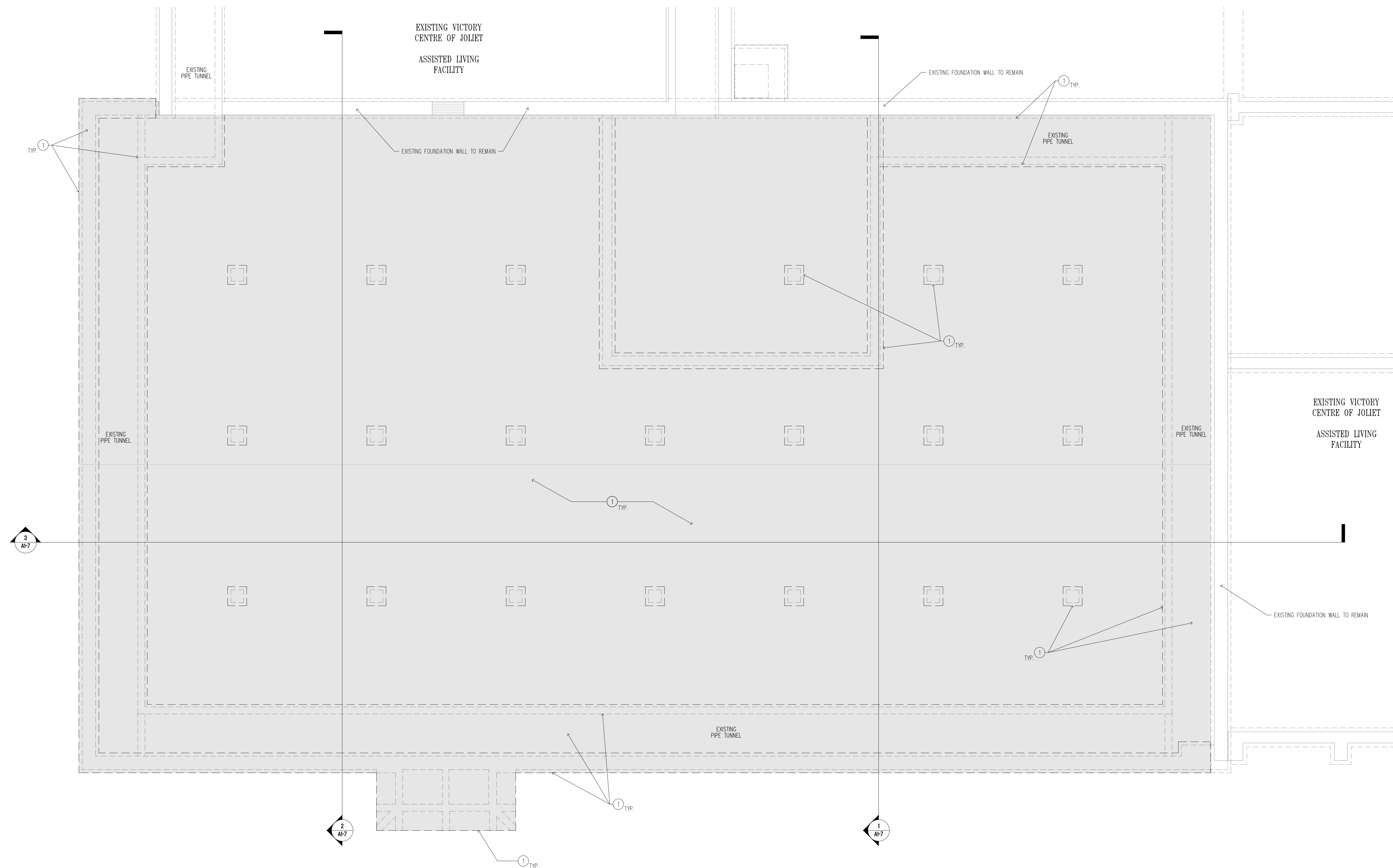
Issue/ Revision:

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Project No.: 23010 Date: 5/2/2024
Drawn By: SDB, AM Checked By: BDM

A1-L

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DRAWING A1-L DEMOLITION AND GENERAL NOTES

- FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. COORDINATE THE DEMOLITION AND REMOVAL WORK WITH ALL TRADES AS REQUIRED.
- PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE WORK, INCLUDING THE REMOVAL AND DISPOSAL OF ALL ITEMS WHICH ARE EXPOSED AND NOT TO REMAIN, AND OTHER ITEMS AS INDICATED. THIS INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL EXISTING INTERIOR WALLS AND PARTITIONS, FLOORING UNDER WALLS AND PARTITIONS, DOORS AND FRAMES, EXTERIOR WINDOWS, STOODS AND APRONS, INTERIOR WINDOWS AND FRAMES, CEILING, SOFFITS, SUSPENDED CEILING GRIDS, CABINETS, COUNTERS AND CASEWORK, ETC. FOR THE COMPLETE AND PROPER INSTALLATION OF THE NEW WORK AS SHOWN ON THE PLANS.
- PERFORM ALL DEMOLITION AND REMOVAL WORK AS REQUIRED IN AN ORDERLY AND CAREFUL MANNER. ALL RUBBISH AND DEBRIS SHALL BE DISCARDED FROM THE SITE BY ROUTE APPROVED BY OWNER AND DISPOSED OF SAFELY AND LEGALLY OFF THE SITE.
- COVER AND PROTECT ALL EXISTING-TO-REMAIN ITEMS AND PROVIDE CARPET ON FLOOR AT EXITS FROM WORK AREA. ANY DAMAGE OR UNCLEANLINESS TO EXISTING AREAS AND ITEMS TO REMAIN SHALL BE CLEANED, REPAIRED, OR REPLACED AS NECESSARY.
- INACTIVE UTILITY SERVICES ENCOUNTERED SHALL BE REMOVED, PLUGGED, OR CAPPED AS DIRECTED. ANY DAMAGE TO OPERATING UTILITY SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.

DRAWING A1-L DEMOLITION KEY NOTES

- CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.

1 FOUNDATION DEMOLITION PLAN
A1-L SCALE: 3/16" = 1'-0" NORTH



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Expires: 04/30/2025
License: 001.016450
Expires: 11/30/2024



Signature: *Bret D. Mitchell* Date: 5/2/2024

The following drawings have been prepared under my direct supervision:

T, A1-L, A1-1, A1-2, A1-3, A1-4, A1-5, A1-6, A1-7, A2-L, A2-1, A2-2, A2-3, A2-4, A5-1, A5-2, A6-1, A6-2, A6-3, A6-4, A6-5

Drawing Title:

FIRST FLOOR DEMOLITION PLAN

Issue/ Revision:

No.	Date	Description

Project No.: 23010 Date: 5/2/2024

Drawn By: SRB, AM Checked By: RBM

A1-1

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1 FIRST FLOOR DEMOLITION PLAN
A1-1 SCALE: 3/16" = 1'-0"

NORTH HICKORY STREET

DRAWING A1-1 DEMOLITION AND GENERAL NOTES

- FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. COORDINATE THE DEMOLITION AND REMOVAL WORK WITH ALL TRADES AS REQUIRED.
- PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE WORK, INCLUDING THE REMOVAL AND DISPOSAL OF ALL ITEMS WHICH ARE EXPOSED AND NOT TO REMAIN, AND OTHER ITEMS AS INDICATED. THIS INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL EXISTING INTERIOR WALLS AND PARTITIONS, FLOORING UNDER WALLS AND PARTITIONS, DOORS AND FRAMES, EXTERIOR WINDOWS, STOODS AND APRONS, INTERIOR WINDOWS AND FRAMES, CEILINGS, SOFFITS, SUSPENDED CEILING GRIDS, CABINETS, COUNTERS AND CASEWORK, ETC. FOR THE COMPLETE AND PROPER INSTALLATION OF THE NEW WORK AS SHOWN ON THE PLANS.
- PERFORM ALL DEMOLITION AND REMOVAL WORK AS REQUIRED IN AN ORDERLY AND CAREFUL MANNER. ALL RUBBISH AND DEBRIS SHALL BE DISCARDED FROM THE SITE BY ROUTE APPROVED BY OWNER AND DISPOSED OF SAFELY AND LEGALLY OFF THE SITE.
- COVER AND PROTECT ALL EXISTING-TO-REMAIN ITEMS AND PROVIDE CARPET ON FLOOR AT EXITS FROM WORK AREA. ANY DAMAGE OR UNCLEANLINES TO EXISTING AREAS AND ITEMS TO REMAIN SHALL BE CLEANED, REPAIRED, OR REPLACED AS NECESSARY.
- INACTIVE UTILITY SERVICES ENCOUNTERED SHALL BE REMOVED, PLUGGED, OR CAPPED AS DIRECTED. ANY DAMAGE TO OPERATING UTILITY SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.

DRAWING A1-1 DEMOLITION KEY NOTES

- CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.
- SALVAGE THE DE LA SALLE LIMESTONE HEADSTONE AND LINTEL AND TURN THEM OVER TO OWNER.
- REMOVE THE EXISTING ASPHALT PAVING, CONCRETE, STONE, ETC. AROUND THE AREA/BUILDING BEING DEMOLISHED. PROPERLY DISPOSE OF ALL MATERIALS AND PREPARE FOR NEW STRUCTURAL BACKFILL.
- CAREFULLY REMOVE THE EXISTING DOOR, FRAME, AND DOOR HARDWARE AND PREPARE OPENING FOR NEW INSTALL.
- CAREFULLY REMOVE THE EXISTING CONCRETE STAIRS AND CONCRETE RETAINING WALL (WHERE INDICATED) AND PROPERLY DISPOSE OF ALL MATERIALS. REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- CAREFULLY REMOVE THE EXISTING CHAIN LINK FENCE AND PROPERLY DISPOSE OF ALL MATERIALS.



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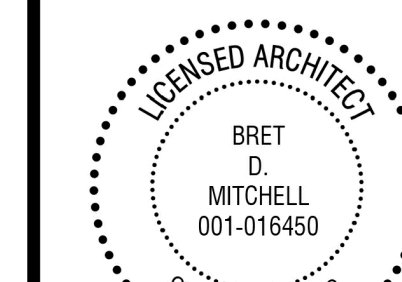
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25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Architect's Certification:

STATEMENT OF COMPLIANCE
I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act [410 ILCS 25] and the Illinois Accessibility Code [71 Ill. Adm. Code 400].

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Expires: 04/30/2025
License: 001.016450
Expires: 11/30/2024



Bret D. Mitchell 5/2/2024
Signature Date

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A1-6, A1-7, A2-L, A2-1, A2-2, A2-3,
A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

SECOND FLOOR DEMOLITION PLAN

Issue/ Revision:

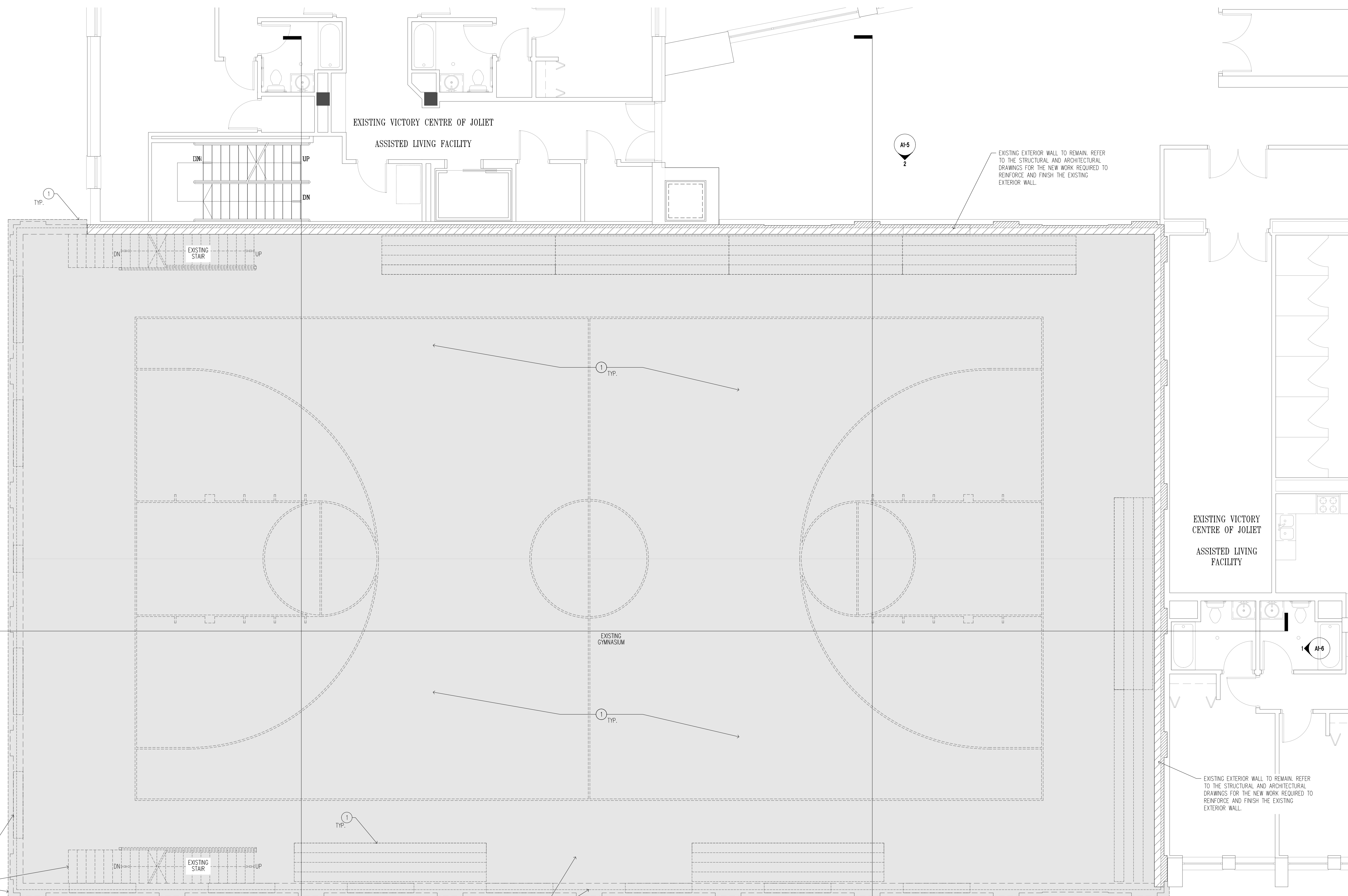
No.	Date:	Description

Project No.: 23010 Date: 5/2/2024

Drawn By: SRB, AM Checked By: RBM

A1-2

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DRAWING A1-2 DEMOLITION AND GENERAL NOTES

- FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. COORDINATE THE DEMOLITION AND REMOVAL WORK WITH ALL TRADES AS REQUIRED.
- PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE WORK, INCLUDING THE REMOVAL AND DISPOSAL OF ALL ITEMS WHICH ARE EXPOSED AND NOT TO REMAIN, AND OTHER ITEMS AS INDICATED. THIS INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL EXISTING INTERIOR WALLS AND PARTITIONS; FLOORING UNDER WALLS AND PARTITIONS; DOORS AND FRAMES; EXTERIOR WINDOWS, STOOLS AND APRONS; INTERIOR WINDOWS AND FRAMES; CEILINGS, SOFFITS, SUSPENDED CEILING GRIDS; CABINETS, COUNTERS AND CASEWORK; ETC. FOR THE COMPLETE AND PROPER INSTALLATION OF THE NEW WORK AS SHOWN ON THE PLANS.
- PERFORM ALL DEMOLITION AND REMOVAL WORK AS REQUIRED IN AN ORDERLY AND CAREFUL MANNER. ALL RUBBISH AND DEBRIS SHALL BE DISCARDED FROM THE SITE BY ROUTE APPROVED BY OWNER AND DISPOSED OF SAFELY AND LEGALLY OFF THE SITE.
- COVER AND PROTECT ALL EXISTING-TO-REMAIN ITEMS AND PROVIDE CARPET ON FLOOR AT EXITS FROM WORK AREA. ANY DAMAGE OR UNCLEANNESS TO EXISTING AREAS AND ITEMS TO REMAIN SHALL BE CLEANED, REPAIRED, OR REPLACED AS NECESSARY.
- INACTIVE UTILITY SERVICES ENCOUNTERED SHALL BE REMOVED, PLUGGED, OR CAPPED AS DIRECTED. ANY DAMAGE TO OPERATING UTILITY SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.

DRAWING A1-2 DEMOLITION KEY NOTES

- CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.

1 SECOND FLOOR DEMOLITION PLAN
A1-2 SCALE: 3/16" = 1'-0" NORTH



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Participating Consultants:



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Naperville, Illinois 60563-8405
P: 630.357.2540 | F: 630.357.0164
ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 23180561.000

Project Name:

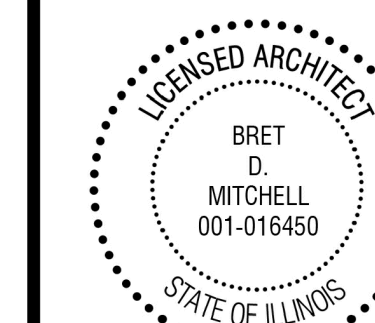
CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
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Signature: *Bret D. Mitchell* Date: 5/2/2024

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A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

SECOND FLOOR GALLERY DEMOLITION PLAN

Issue/ Revision:

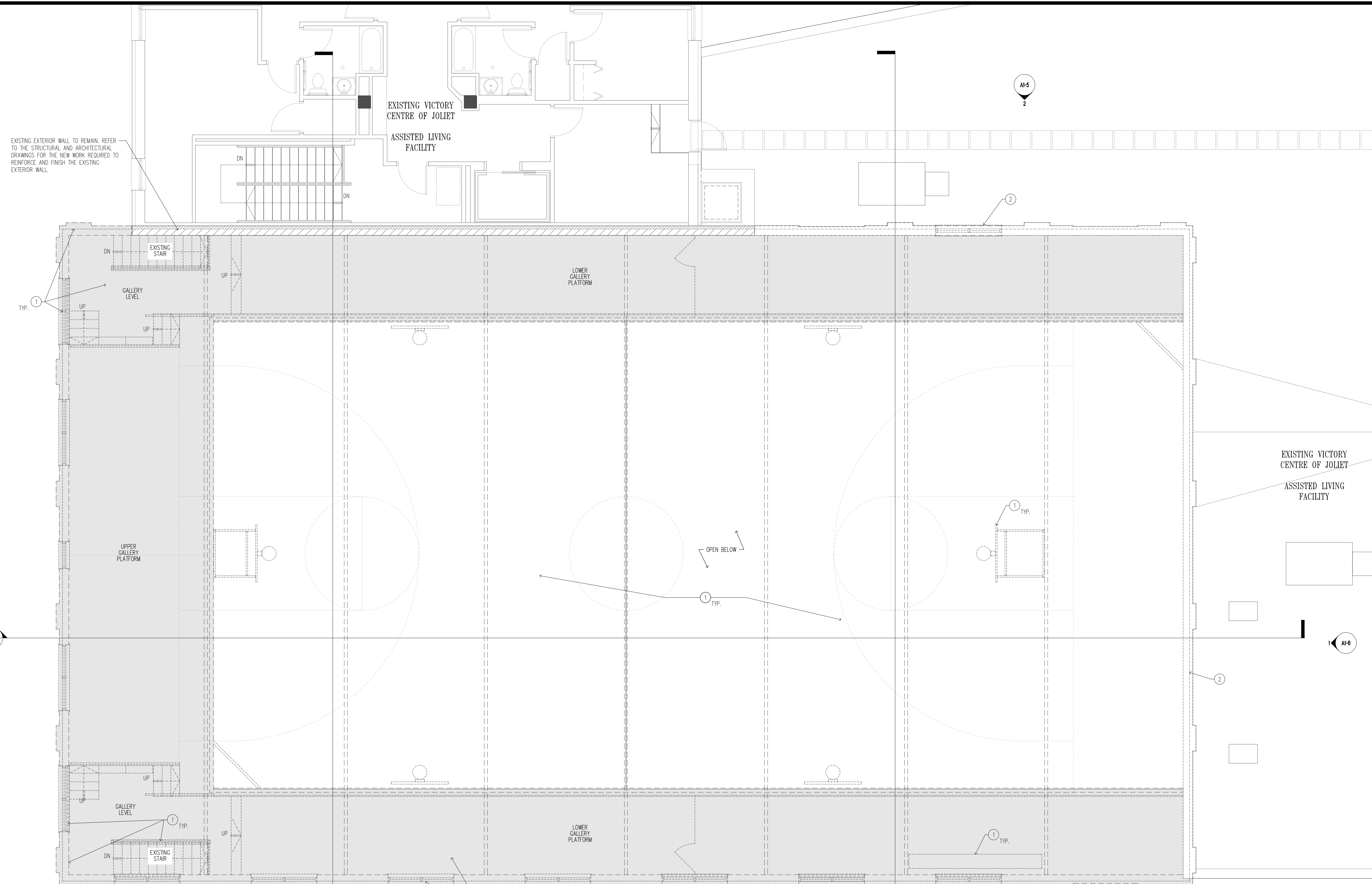
No.	Date	Description

Project No.: 23010 Date: 5/2/2024
Drawn By: SDB, AM Checked By: BDM

A1-3

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EXISTING EXTERIOR WALL TO REMAIN. REFER TO THE STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR THE NEW WORK REQUIRED TO REINFORCE AND FINISH THE EXISTING EXTERIOR WALL.



DRAWING A1-3 DEMOLITION AND GENERAL NOTES

1. FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. COORDINATE THE DEMOLITION AND REMOVAL WORK WITH ALL TRADES AS REQUIRED.
2. PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE WORK, INCLUDING THE REMOVAL AND DISPOSAL OF ALL ITEMS WHICH ARE EXPOSED AND NOT TO REMAIN, AND OTHER ITEMS AS INDICATED. THIS INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL EXISTING INTERIOR WALLS AND PARTITIONS, FLOORING UNDER WALLS AND PARTITIONS, DOORS AND FRAMES, EXTERIOR WINDOWS, STOOLS AND APRONS, INTERIOR WINDOWS AND FRAMES, CEILINGS, SOFFITS, SUSPENDED CEILING GRIDS, CABINETS, COUNTERS AND CASEWORK, ETC. FOR THE COMPLETE AND PROPER INSTALLATION OF THE NEW WORK AS SHOWN ON THE PLANS.
3. PERFORM ALL DEMOLITION AND REMOVAL WORK AS REQUIRED IN AN ORDERLY AND CAREFUL MANNER. ALL RUBBISH AND DEBRIS SHALL BE DISCARDED FROM THE SITE BY ROUTE APPROVED BY OWNER AND DISPOSED OF SAFELY AND LEGALLY OFF THE SITE.
4. COVER AND PROTECT ALL EXISTING-TO-REMAIN ITEMS AND PROVIDE CARPET ON FLOOR AT EXITS FROM WORK AREA. ANY DAMAGE OR UNCLEANLINESS TO EXISTING AREAS AND ITEMS TO REMAIN SHALL BE CLEANED, REPAIRED, OR REPLACED AS NECESSARY.
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DRAWING A1-3 DEMOLITION KEY NOTES

- ① CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.
- ② CAREFULLY SAWCUT AND REMOVE THE EXISTING EXTERIOR ELEVATION WALL ABOVE THE ADJACENT ROOF LEVEL. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.

1 SECOND FLOOR GALLERY DEMOLITION PLAN
A1-3 SCALE: 3/16" = 1'-0"





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P: 630.357.2540 F: 630.357.0164
ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 21180568.000

Project Name:

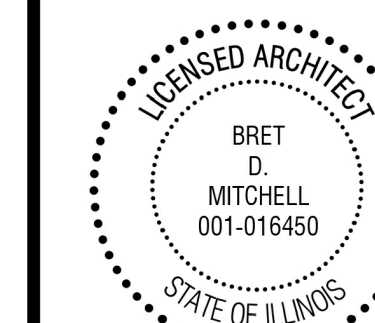
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Expires: 11/30/2024



Signature: *Brett D. Mitchell* Date: 5/2/2024

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Drawing Title:

ROOF DEMOLITION PLAN

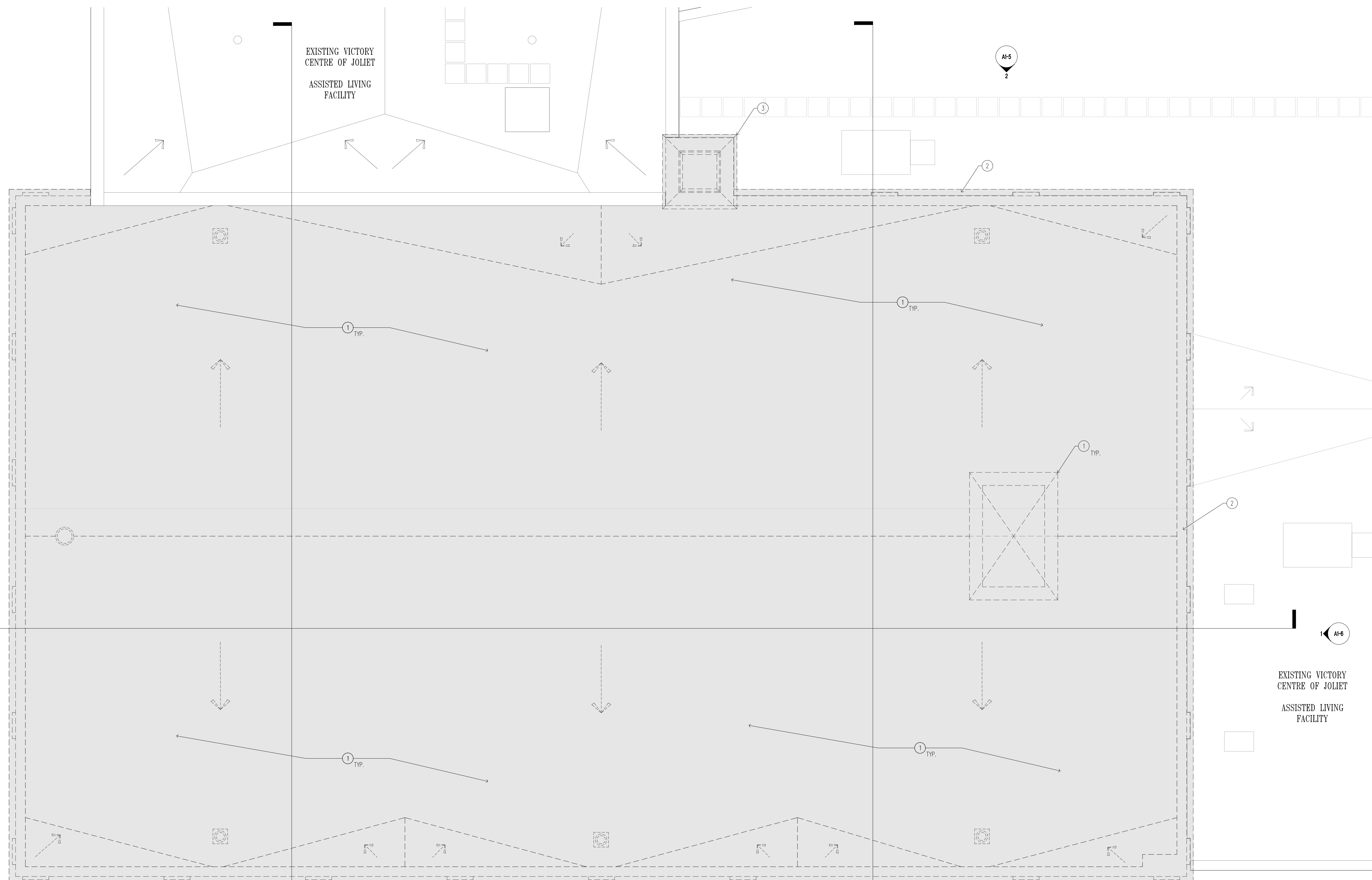
Issue/ Revision:

No.	Date	Description

Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: RBM

A1-4

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DRAWING A1-4 DEMOLITION AND GENERAL NOTES

- FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. COORDINATE THE DEMOLITION AND REMOVAL WORK WITH ALL TRADES AS REQUIRED.
- PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE WORK, INCLUDING THE REMOVAL AND DISPOSAL OF ALL ITEMS WHICH ARE EXPOSED AND NOT TO REMAIN, AND OTHER ITEMS AS INDICATED. THIS INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL EXISTING INTERIOR WALLS AND PARTITIONS; FLOORING UNDER WALLS AND PARTITIONS; DOORS AND FRAMES; EXTERIOR WINDOWS, STOOLS AND APRONS; INTERIOR WINDOWS AND FRAMES; CEILINGS, SOFFITS, SUSPENDED CEILING GRIDS, CABINETS, COUNTERTOPS AND CASEWORK, ETC. FOR THE COMPLETE AND PROPER INSTALLATION OF THE NEW WORK AS SHOWN ON THE PLANS.
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- COVER AND PROTECT ALL EXISTING-TO-REMAIN ITEMS AND PROVIDE CARPET ON FLOOR AT EXITS FROM WORK AREA. ANY DAMAGE OR UNCLEANLINES TO EXISTING AREAS AND ITEMS TO REMAIN SHALL BE CLEANED, REPAIRED, OR REPLACED AS NECESSARY.
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DRAWING A1-4 DEMOLITION KEY NOTES

- CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.
- CAREFULLY SAWCUT AND REMOVE THE EXISTING EXTERIOR WALL ABOVE THE ADJACENT ROOF LEVEL. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.
- CAREFULLY SAWCUT AND REMOVE THE EXISTING CHIMNEY STACK 1'-0" ABOVE THE ADJACENT UPPER ROOF LEVEL PARAPET. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.

1 ROOF DEMOLITION PLAN
A1-4 SCALE: 3/16" = 1'-0" NORTH



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ILLINOIS LICENSE NO. 184.001442
I.E.L. Comm. No. 21889581.000

Project Name:

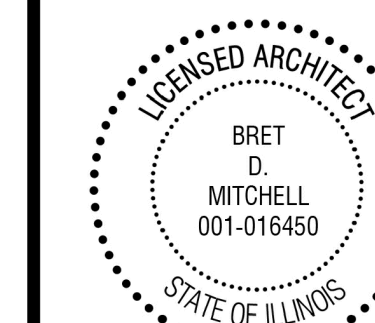
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Bret D. Mitchell 5/2/2024
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A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

EXTERIOR ELEVATIONS DEMOLITION

Issue/ Revision:

No.	Date:	Description

Project No.: 23010 Date: 5/2/2024

Drawn By: SRB, AM Checked By: BDM

A1-5

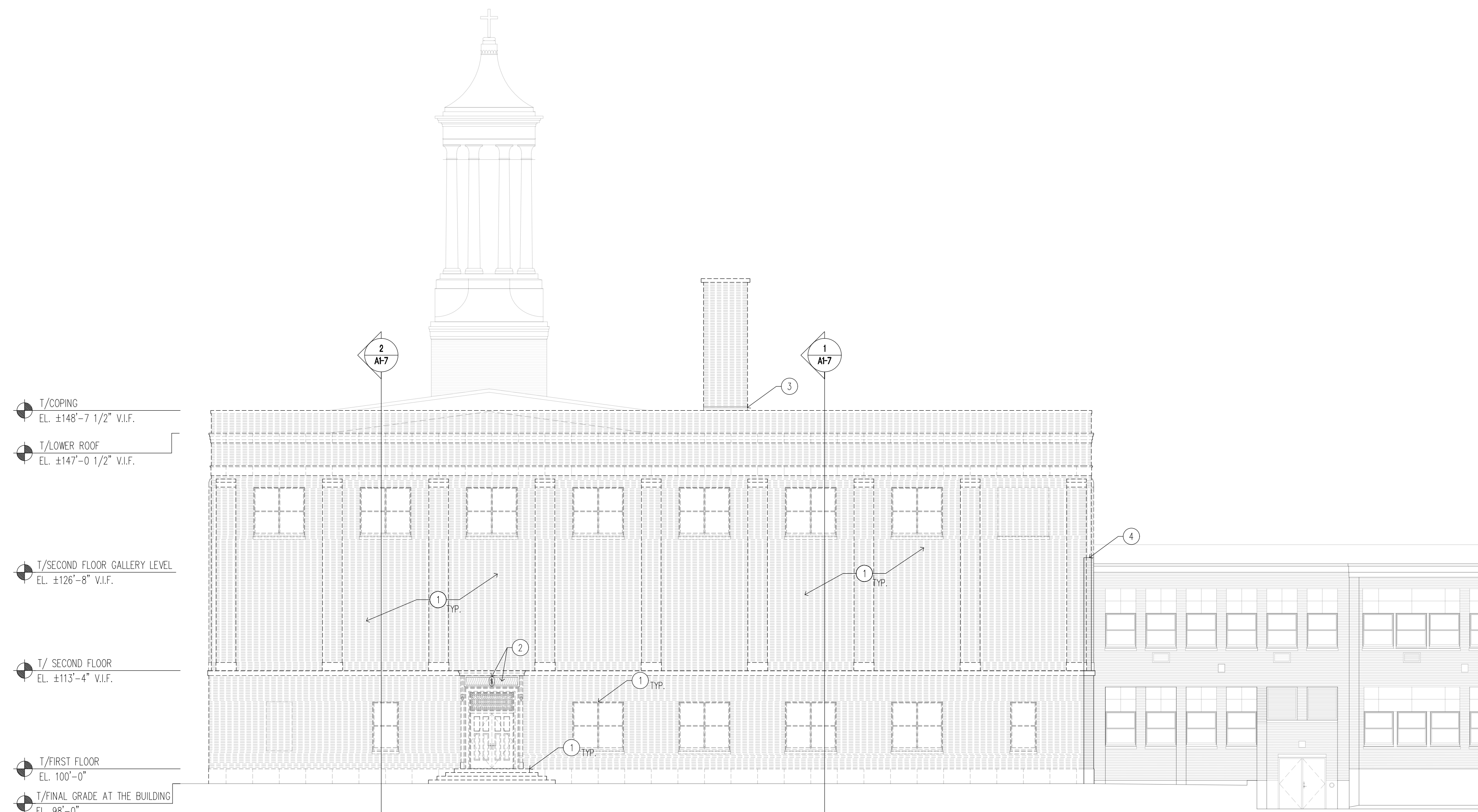
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DRAWING A1-5 DEMOLITION AND GENERAL NOTES

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DRAWING A1-5 DEMOLITION KEY NOTES

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- ② SALVAGE THE DE LA SALLE LIMESTONE HEADSTONE AND LINTEL AND TURN THEM OVER TO OWNER.
- ③ CAREFULLY SAWCUT AND REMOVE THE EXISTING CHIMNEY STACK 1'-0" ABOVE THE ADJACENT UPPER ROOF LEVEL PARAPET. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.
- ④ CAREFULLY SAWCUT AND REMOVE THE EXISTING EXTERIOR WALL ABOVE THE ADJACENT ROOF LEVEL. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.



- T/COPING
EL. ±148'-7 1/2" V.I.F.
- T/LOWER ROOF
EL. ±147'-0 1/2" V.I.F.
- T/SECOND FLOOR GALLERY LEVEL
EL. ±126'-8" V.I.F.
- T/ SECOND FLOOR
EL. ±113'-4" V.I.F.
- T/FIRST FLOOR
EL. 100'-0"
- T/FINAL GRADE AT THE BUILDING
EL. 98'-0"

1 WEST ELEVATION DEMOLITION
A1-5 SCALE: 3/32" = 1'-0"



- T/COPING
EL. ±127'-10" V.I.F.
- T/ SECOND FLOOR
EL. ±113'-4" V.I.F.
- T/FIRST FLOOR
EL. 100'-0"

- T/COPING
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- T/LOWER ROOF
EL. ±147'-0 1/2" V.I.F.
- T/SECOND FLOOR GALLERY LEVEL
EL. ±126'-8" V.I.F.
- T/ SECOND FLOOR
EL. ±113'-4" V.I.F.
- T/FIRST FLOOR
EL. 100'-0"
- T/FINAL GRADE AT THE BUILDING
EL. 98'-0"

2 EAST ELEVATION DEMOLITION
A1-5 SCALE: 3/32" = 1'-0"



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Project Name:

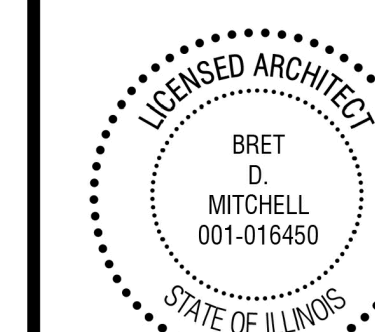
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Drawing Title:

EXTERIOR ELEVATIONS DEMOLITION

Issue/ Revision:

No.	Date	Description

Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: BDM

A1-6

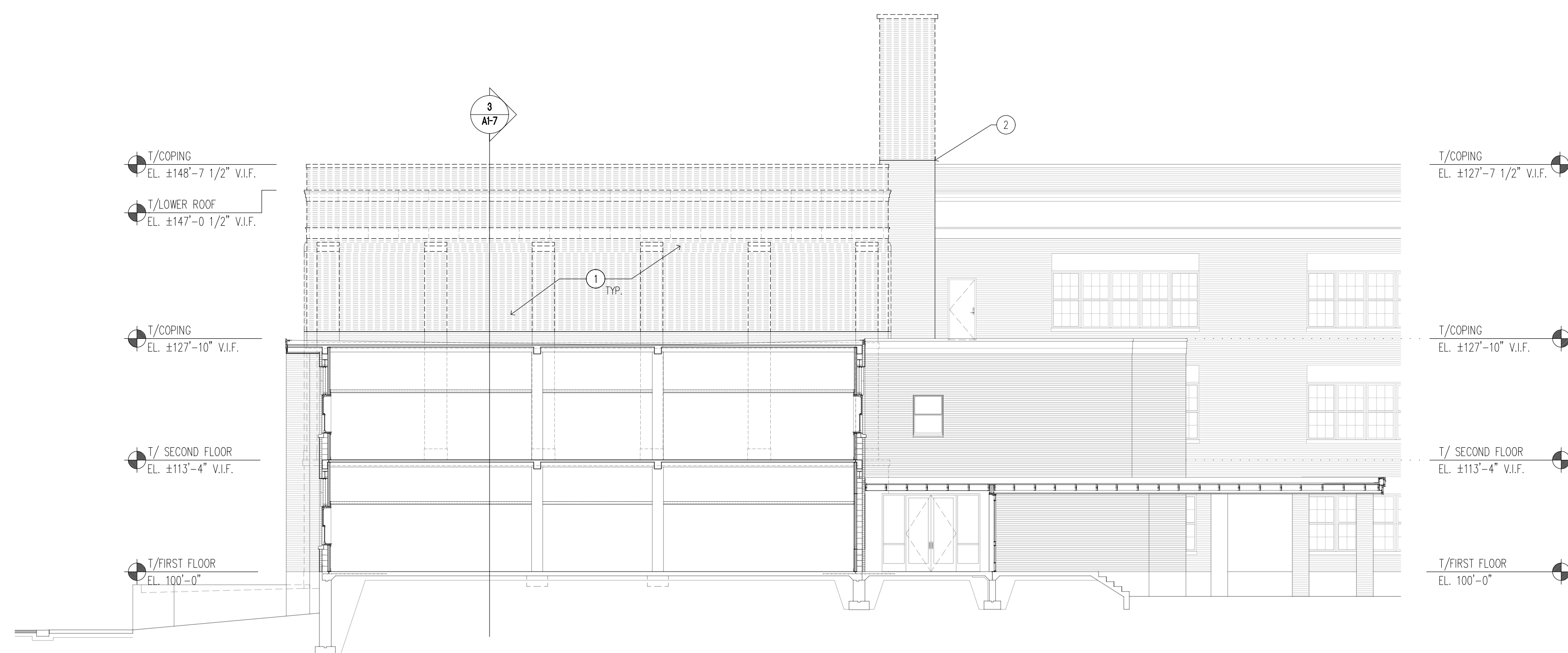
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DRAWING A1-6 DEMOLITION AND GENERAL NOTES

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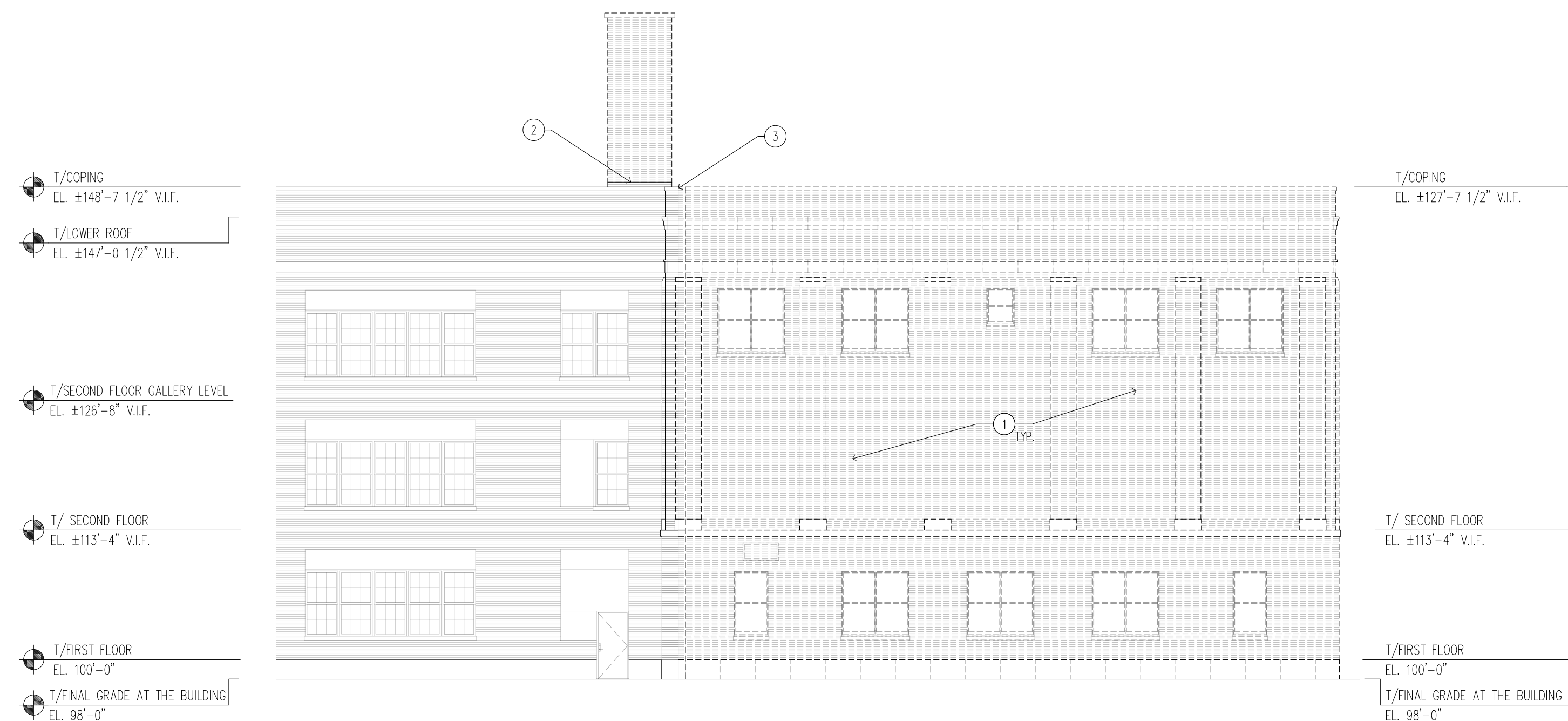
DRAWING A1-6 DEMOLITION KEY NOTES

- CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.
- CAREFULLY SAWCUT AND REMOVE THE EXISTING CHIMNEY STACK 1'-0" ABOVE THE ADJACENT UPPER ROOF LEVEL PARAPET. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.
- CAREFULLY SAWCUT AND REMOVE THE EXISTING EXTERIOR WALL ABOVE THE ADJACENT ROOF LEVEL. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.



1 SOUTH ELEVATION DEMOLITION

A1-6 SCALE: 3/32" = 1'-0"



2 NORTH ELEVATION DEMOLITION

A1-6 SCALE: 3/32" = 1'-0"



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P: 630.357.0540 F: 630.357.0164
ILLINOIS LICENSE NO. 184.001442
I.E.A. Comm. No. 21180561.000

Project Name:

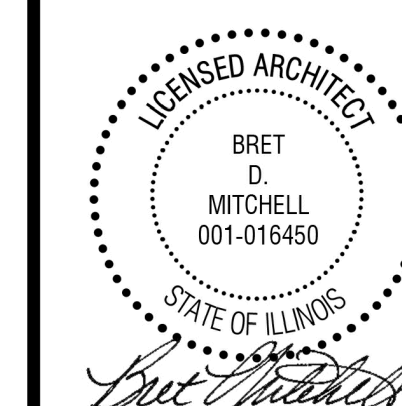
CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Architect's Certification:

STATEMENT OF COMPLIANCE
I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act [410 ILCS 25] and the Illinois Accessibility Code [71 Ill. Adm. Code 400].

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A1-6, A1-7, A2-L, A2-1, A2-2, A2-3,
A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

DEMOLITION BUILDING SECTIONS

Issue/ Revision:

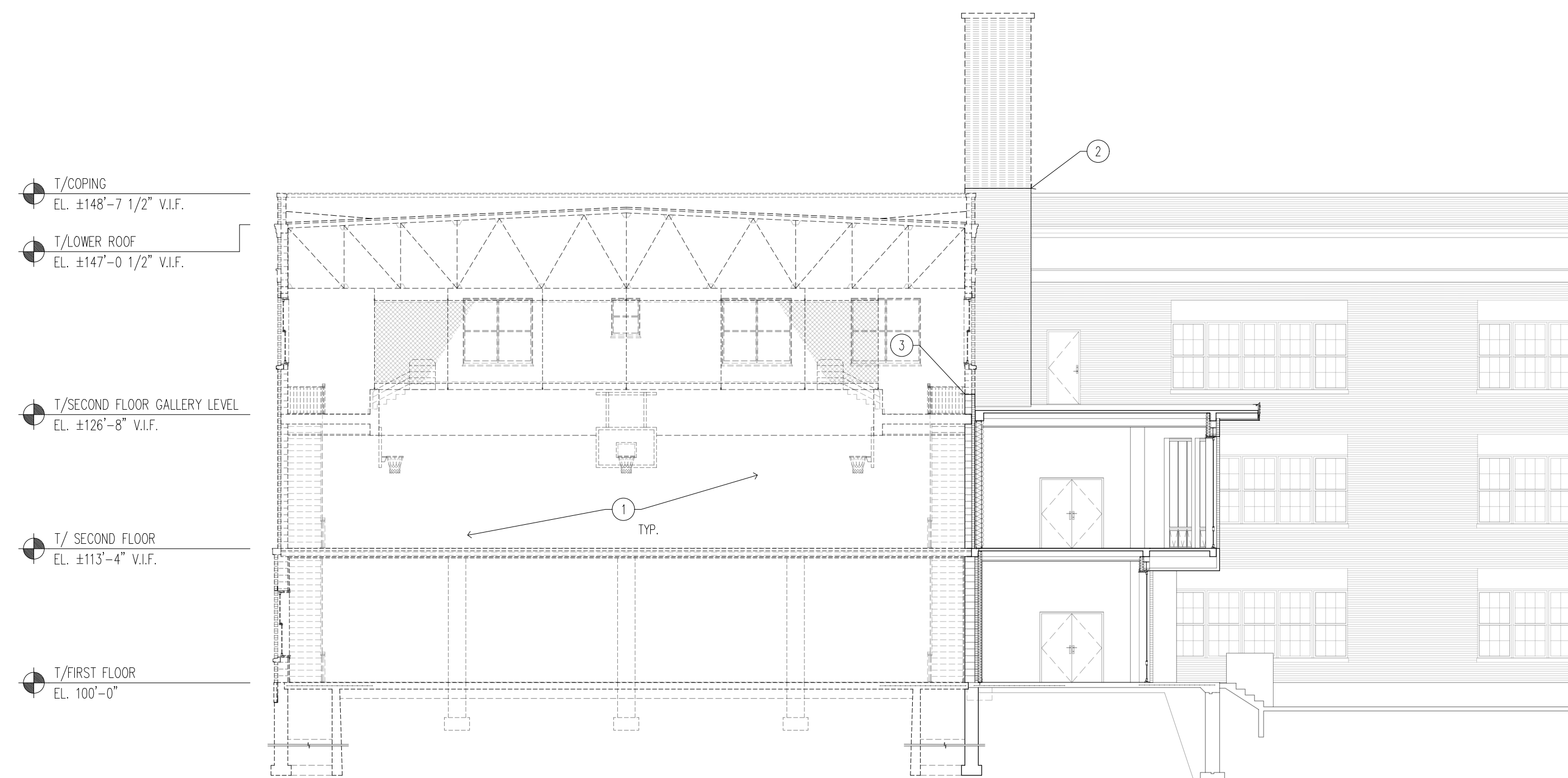
No.	Date	Description

Project No.: 23010 Date: 5/2/2024

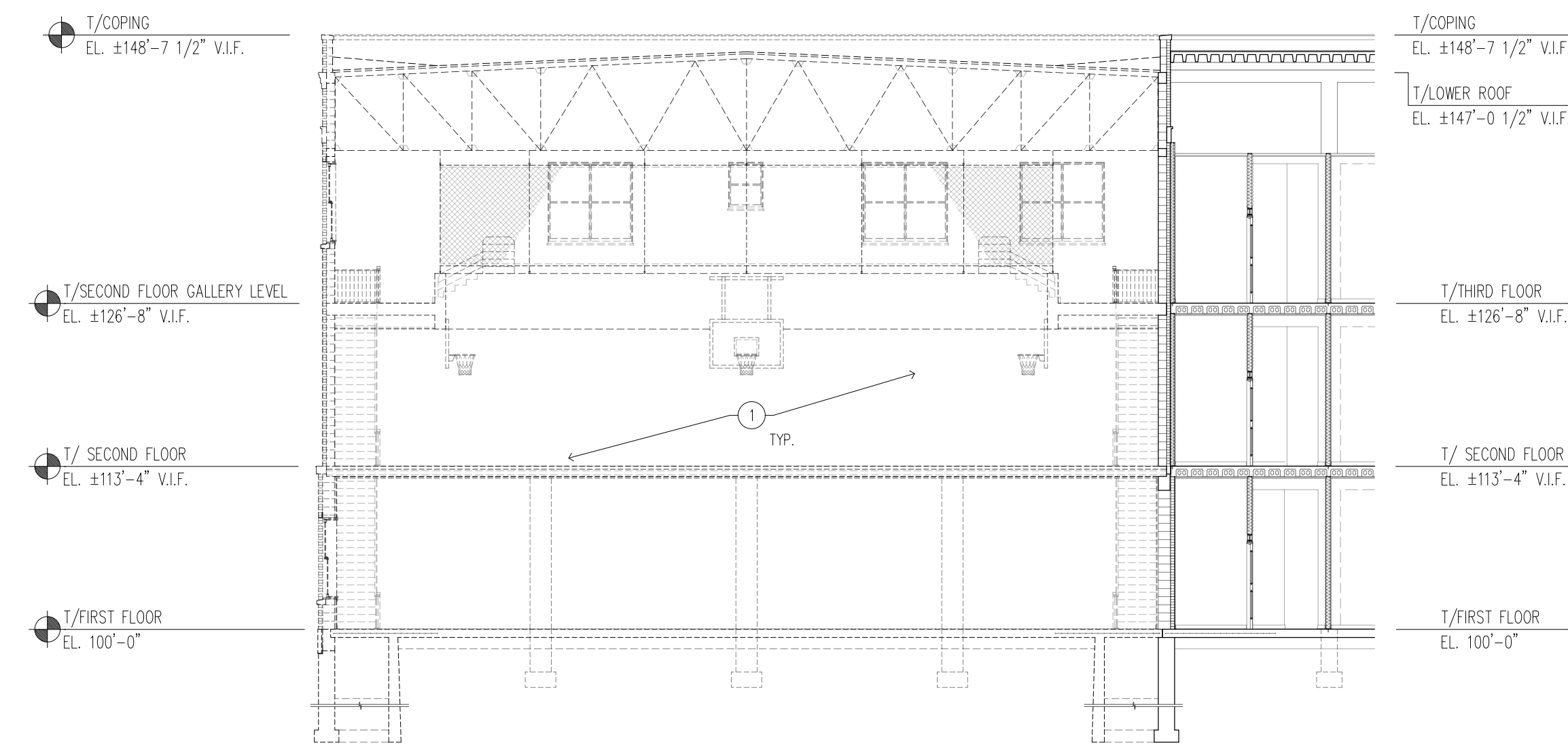
Drawn By: SRB, AM Checked By: RBM

A1-7

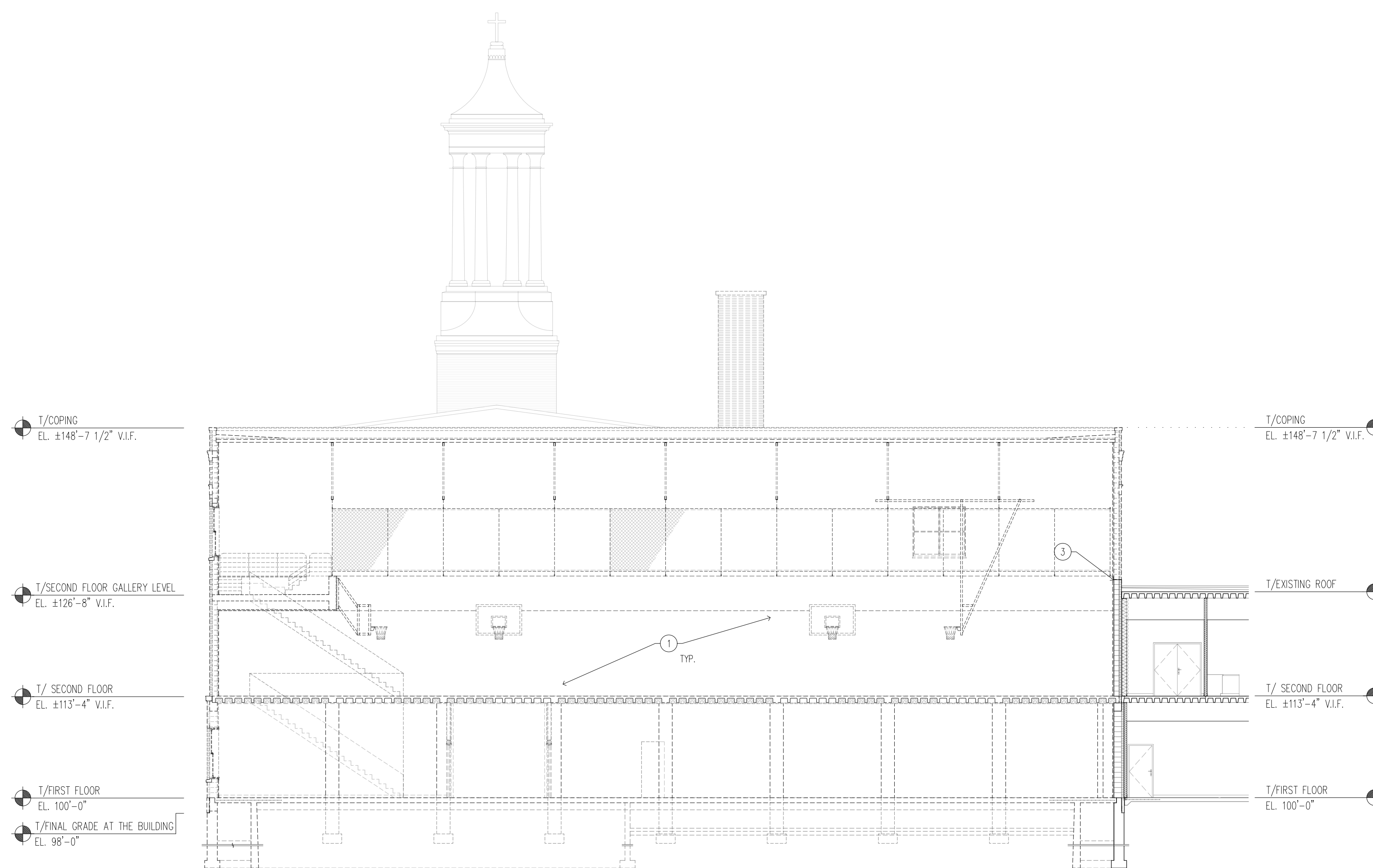
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1 DEMOLITION BUILDING SECTION
A1-7 SCALE: 3/32" = 1'-0"



2 DEMOLITION BUILDING SECTION
A1-7 SCALE: 3/32" = 1'-0"



3 DEMOLITION BUILDING SECTION
A1-7 SCALE: 3/32" = 1'-0"

DRAWING A1-7 DEMOLITION AND GENERAL NOTES

- FIELD VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING CONSTRUCTION. COORDINATE THE DEMOLITION AND REMOVAL WORK WITH ALL TRADES AS REQUIRED.
- PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE WORK, INCLUDING THE REMOVAL AND DISPOSAL OF ALL ITEMS WHICH ARE EXPOSED AND NOT TO REMAIN, AND OTHER ITEMS AS INDICATED. THIS INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, ALL EXISTING INTERIOR WALLS AND PARTITIONS; FLOORING UNDER WALLS AND PARTITIONS; DOORS AND FRAMES; EXTERIOR WINDOWS, STOODS AND APRONS; INTERIOR WINDOWS AND FRAMES; CEILING, SOFFITS, SUSPENDED CEILING GRID; CABINETS, COUNTERTOPS AND CASEWORK; ETC. FOR THE COMPLETE AND PROPER INSTALLATION OF THE NEW WORK AS SHOWN ON THE PLANS.
- PERFORM ALL DEMOLITION AND REMOVAL WORK AS REQUIRED IN AN ORDERLY AND CAREFUL MANNER. ALL RUBBISH AND DEBRIS SHALL BE DISCARDED FROM THE SITE BY ROUTE APPROVED BY OWNER AND DISPOSED OF SAFELY AND LEGALLY OFF THE SITE.
- COVER AND PROTECT ALL EXISTING-TO-REMAIN ITEMS AND PROVIDE CARPET ON FLOOR AT EXITS FROM WORK AREA. ANY DAMAGE OR UNCLEANLINESS TO EXISTING AREAS AND ITEMS TO REMAIN SHALL BE CLEANED, REPAIRED, OR REPLACED AS NECESSARY.
- INACTIVE UTILITY SERVICES ENCOUNTERED SHALL BE REMOVED, PLUGGED, OR CAPPED AS DIRECTED. ANY DAMAGE TO OPERATING UTILITY SERVICES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.

DRAWING A1-7 DEMOLITION KEY NOTES

- CAREFULLY REMOVE ALL EXISTING COMPONENTS OF AUDITORIUM SECTION, INCLUDING BUT NOT LIMITED TO, WINDOWS AND FRAMES, EXTERIOR DOORS, CONCRETE STEPS, STONE PARAPETS AND COPING, CHIMNEY STACK, ROOF MATERIAL AND FRAMING, FOUNDATIONS, MECHANICAL EQUIPMENT, DUCTS, AND PIPING, FIXTURES, STAIRCASES, RAILINGS, INTERIOR DOORS AND PARTITIONS, GYMNASIUM BLEACHERS AND NETS, AND PROPERLY DISPOSE OF ALL MATERIALS, UNLESS NOTED OTHERWISE.
- CAREFULLY SAWCUT AND REMOVE THE EXISTING CHIMNEY STACK 1'-0" ABOVE THE ADJACENT UPPER ROOF LEVEL PARAPET. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.
- CAREFULLY SAWCUT AND REMOVE THE EXISTING EXTERIOR WALL ABOVE THE ADJACENT ROOF LEVEL. REFER TO THE WALL SECTIONS AND NEW EXTERIOR ELEVATIONS FOR THE SCOPE OF NEW WORK.



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LEA Comm. No. 21180561.000

Project Name:

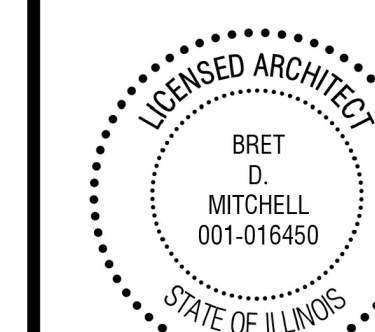
CONSTRUCTION DOCUMENTS
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Brett D. Mitchell 5/2/2024
Signature Date

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Drawing Title:

NEW FOUNDATION PLAN

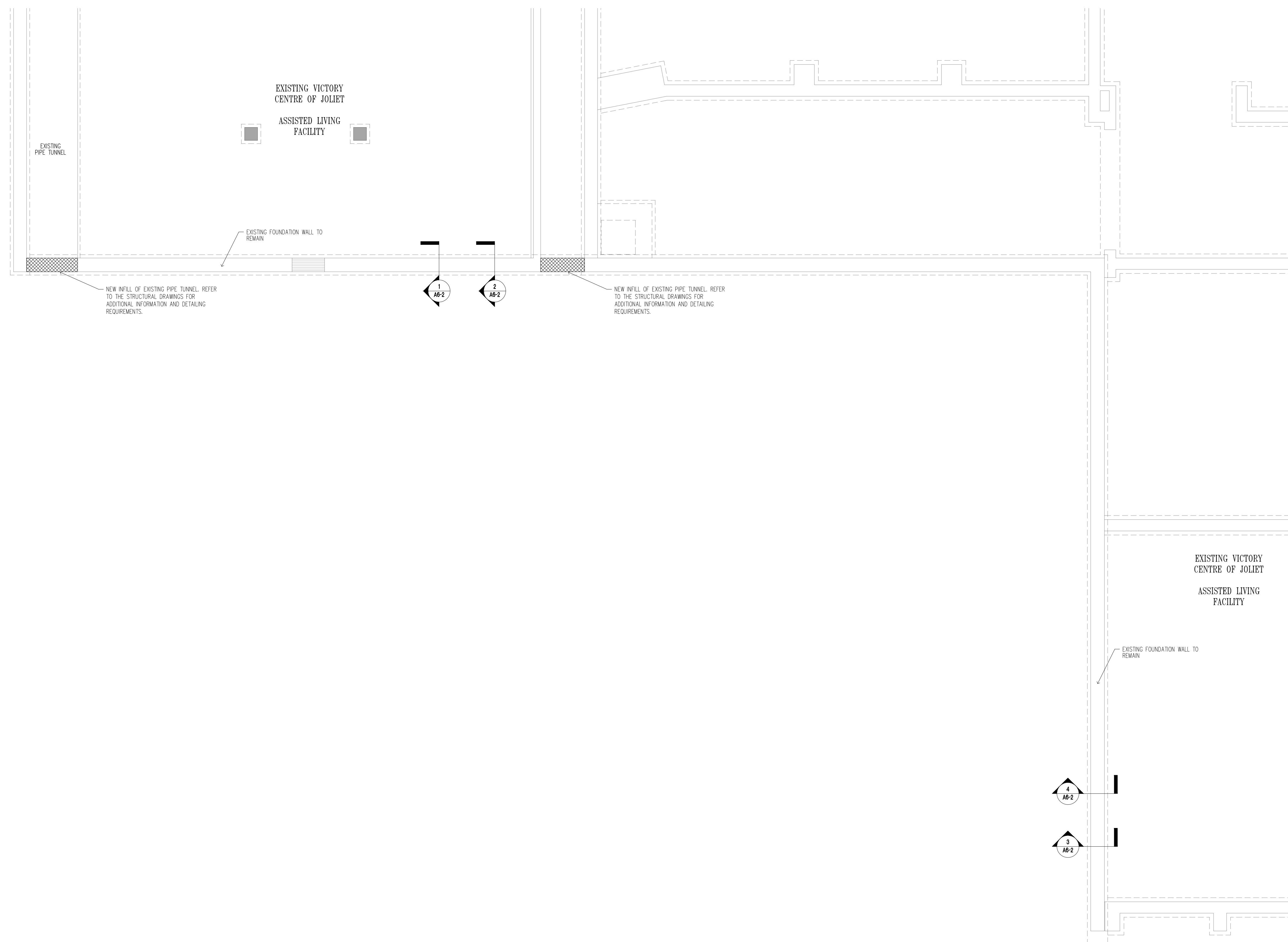
Issue/ Revision:

No.	Date:	Description

Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: BGM

A2-L

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1 NEW FOUNDATION PLAN
A2-L SCALE: 3/16" = 1'-0"

DRAWING A2-L GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.
2. REFER THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND DETAILING.



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LEA Comm. No. 21180561-000

Project Name:

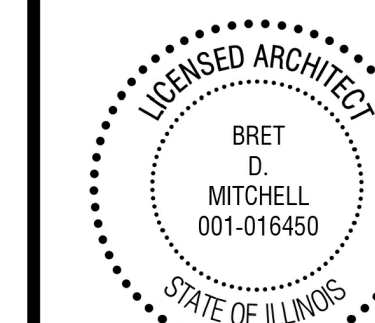
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A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

NEW FIRST FLOOR AND SITE PLAN

Issue/ Revision:

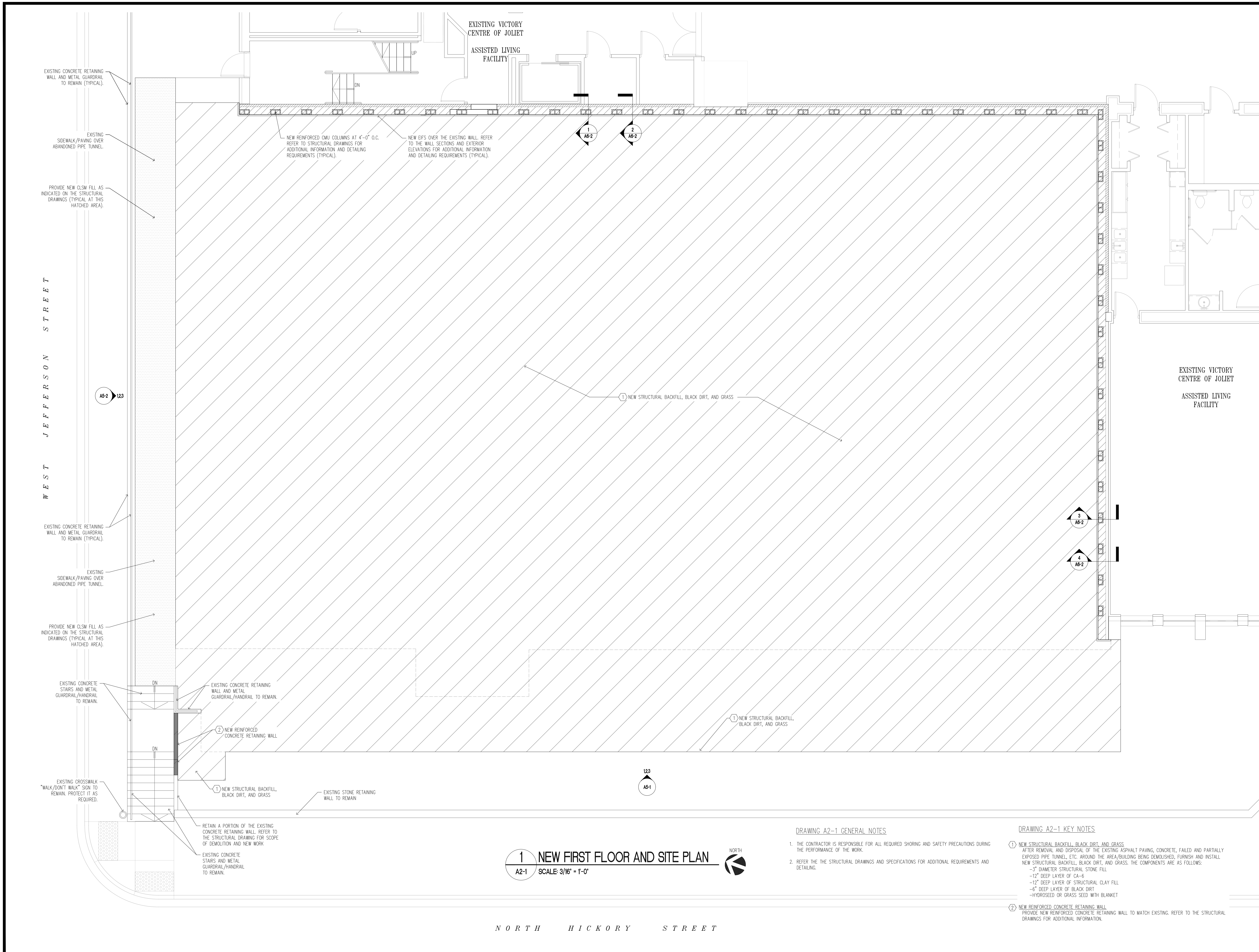
No.	Date:	Description

Project No.: 23010 Date: 5/2/2024

Drawn By: SRB, AM Checked By: RBM

A2-1

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1 NEW FIRST FLOOR AND SITE PLAN
A2-1 SCALE: 3/16" = 1'-0"

DRAWING A2-1 GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.
2. REFER TO THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND DETAILING.

DRAWING A2-1 KEY NOTES

1. NEW STRUCTURAL BACKFILL, BLACK DIRT, AND GRASS. AFTER REMOVAL AND DISPOSAL OF THE EXISTING ASPHALT PAVING, CONCRETE, FAILED AND PARTIALLY EXPOSED PIPE TUNNEL, ETC. AROUND THE AREA/BUILDING BEING DEMOLISHED, FURNISH AND INSTALL NEW STRUCTURAL BACKFILL, BLACK DIRT, AND GRASS. THE COMPONENTS ARE AS FOLLOWS:
-3" DIAMETER STRUCTURAL STONE FILL
-12" DEEP LAYER OF CA-6
-12" DEEP LAYER OF STRUCTURAL CLAY FILL
-6" DEEP LAYER OF BLACK DIRT
-HYDROSEED OR GRASS SEED WITH BLANKET
2. NEW REINFORCED CONCRETE RETAINING WALL. PROVIDE NEW REINFORCED CONCRETE RETAINING WALL TO MATCH EXISTING. REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

NORTH HICKORY STREET



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P: 630-357-0540 F: 630-357-0164
ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 21180561.000

Project Name:

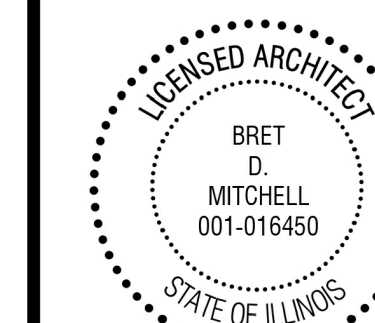
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A6-4, A6-5

Drawing Title:

NEW SECOND FLOOR PLAN

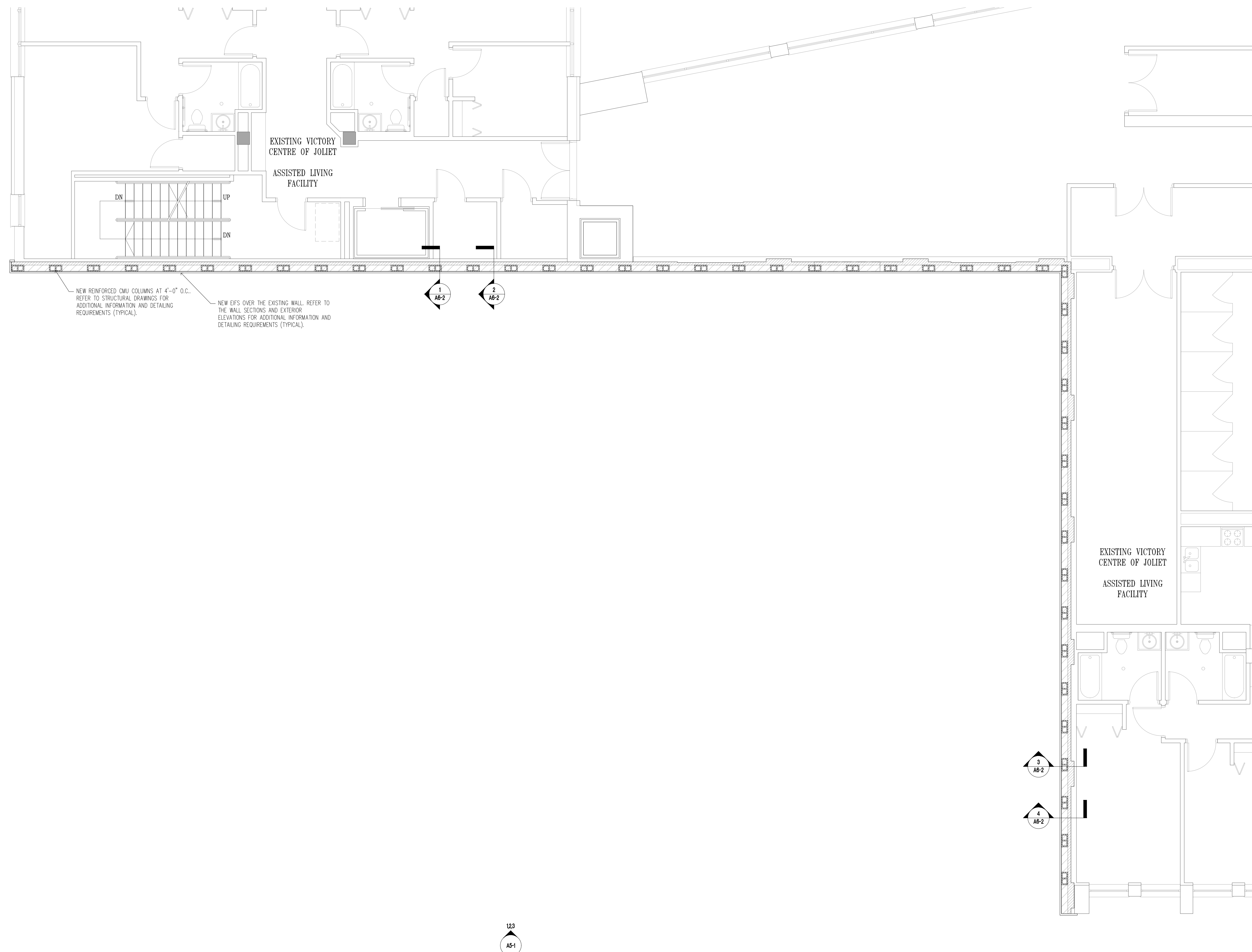
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Project No.: 23010 Date: 5/2/2024
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A2-2

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NEW REINFORCED CMU COLUMNS AT 4'-0" O.C.. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DETAILING REQUIREMENTS (TYPICAL).

NEW EIFS OVER THE EXISTING WALL. REFER TO THE WALL SECTIONS AND EXTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION AND DETAILING REQUIREMENTS (TYPICAL).

1 NEW SECOND FLOOR PLAN
A2-2 SCALE: 3/16" = 1'-0"



DRAWING A2-2 GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.
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P: 630.357.2540 F: 630.357.0164
ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 21180561.000

Project Name:

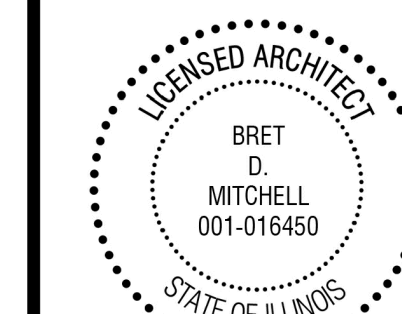
CONSTRUCTION DOCUMENTS
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Expires: 11/30/2024



Bret Mitchell 5/2/2024
Signature Date

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Drawing Title:

NEW SECOND FLOOR GALLERY PLAN

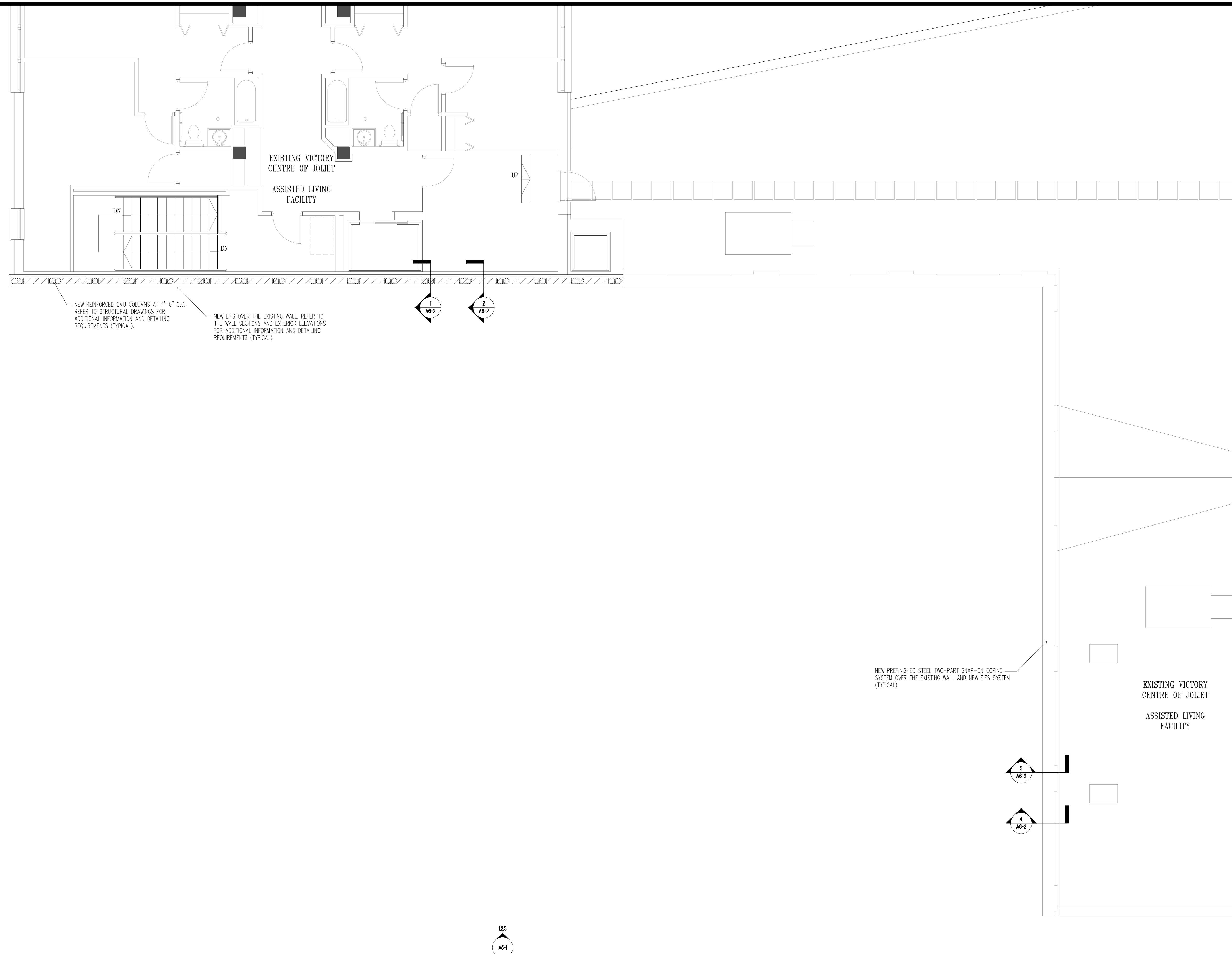
Issue/ Revision:

No.	Date:	Description

Project No.: 23010 Date: 5/2/2024
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A2-3

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A5-2 123

123
A5-1

1 NEW SECOND FLOOR GALLERY PLAN
A2-3 SCALE: 3/16" = 1'-0"

DRAWING A2-3 GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.
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LEA Comm. No. 21180561-000

Project Name:

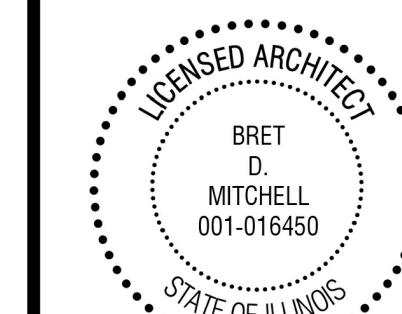
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A1-6, A1-7, A2-L, A2-1, A2-2, A2-3,
A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

NEW ROOF PLAN

Issue/ Revision:

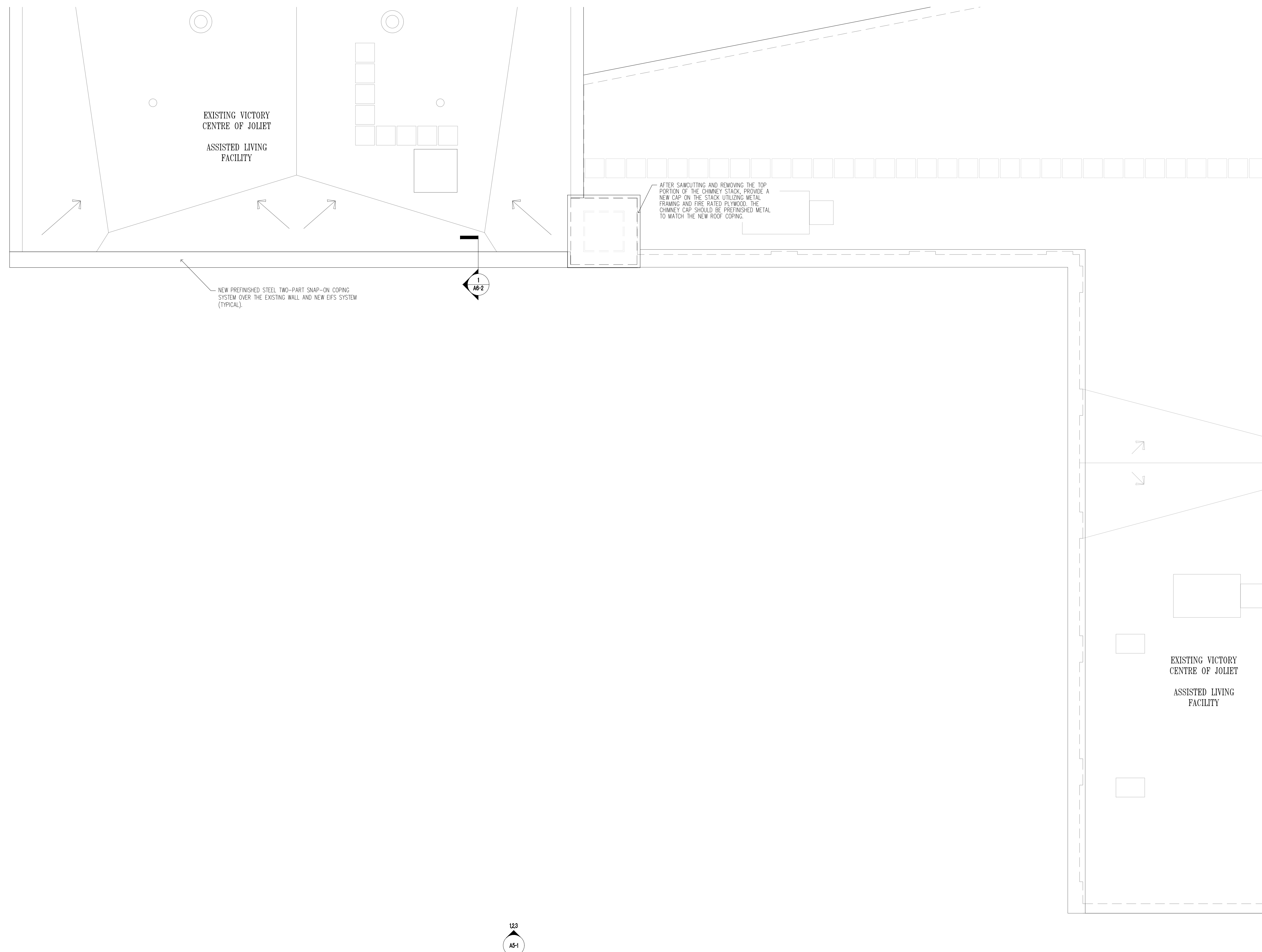
No.	Date:	Description

Project No.: 23010 Date: 5/2/2024

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A2-4

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A5-2 123

123
A5-1

1 NEW ROOF PLAN
A2-4 SCALE: 3/16" = 1'-0"

DRAWING A2-4 GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SHORING AND SAFETY PRECAUTIONS DURING THE PERFORMANCE OF THE WORK.
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Project Name:

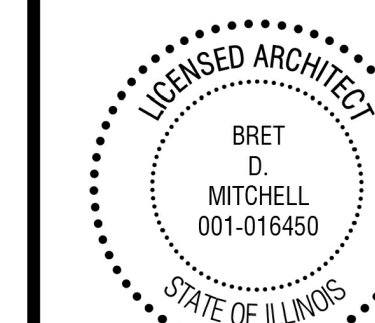
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Signature: *Brett D. Mitchell* Date: 5/2/2024

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Drawing Title:

NEW STRUCTURAL REINFORCING AT THE WEST EXTERIOR ELEVATION, NEW WEST EXTERIOR ELEVATION OPTIONS - BASE BID, ALTERNATE NO. 1, ALTERNATE NO. 2

Issue/ Revision:

No.	Date	Description

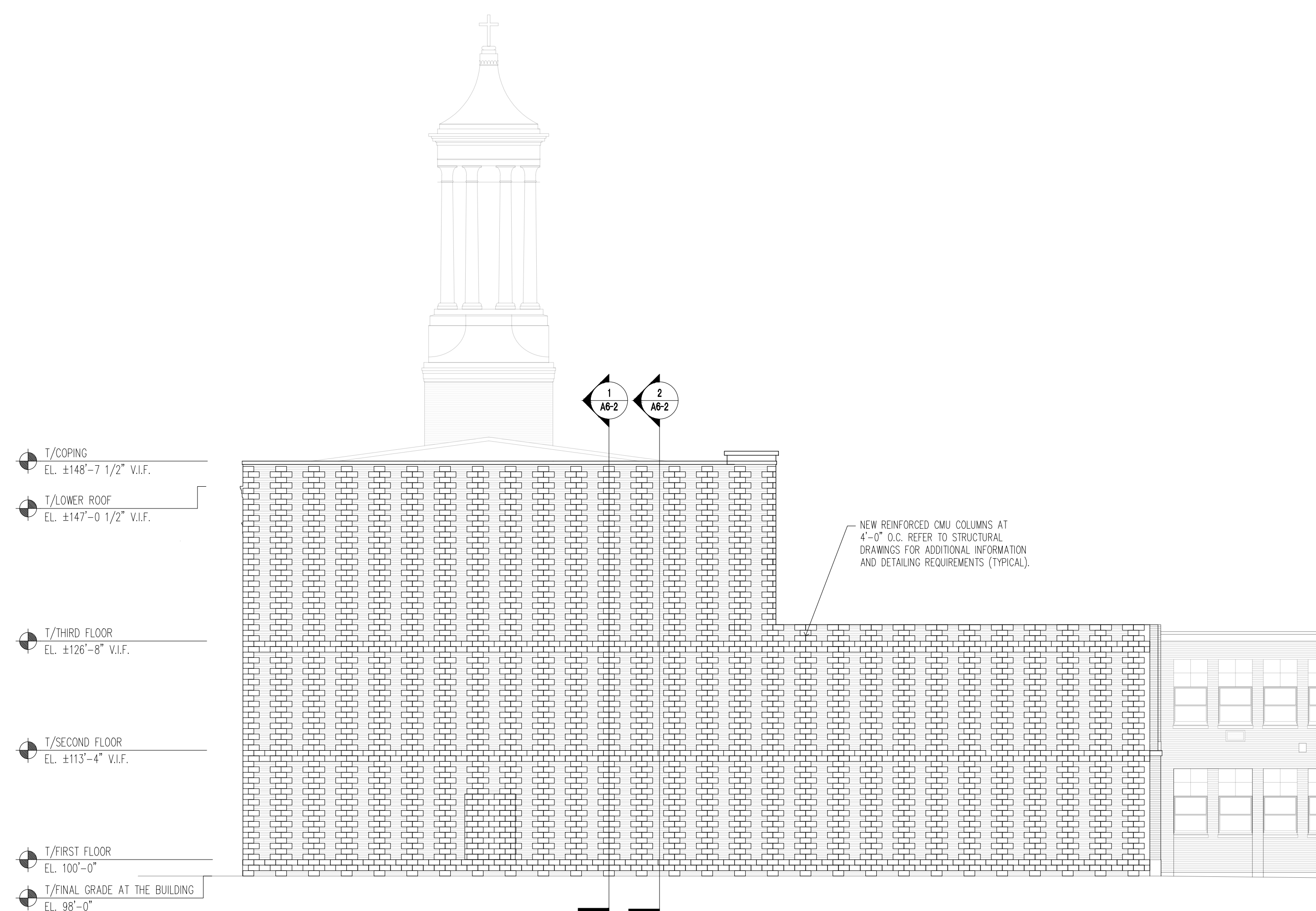
Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: RBM

A5-1

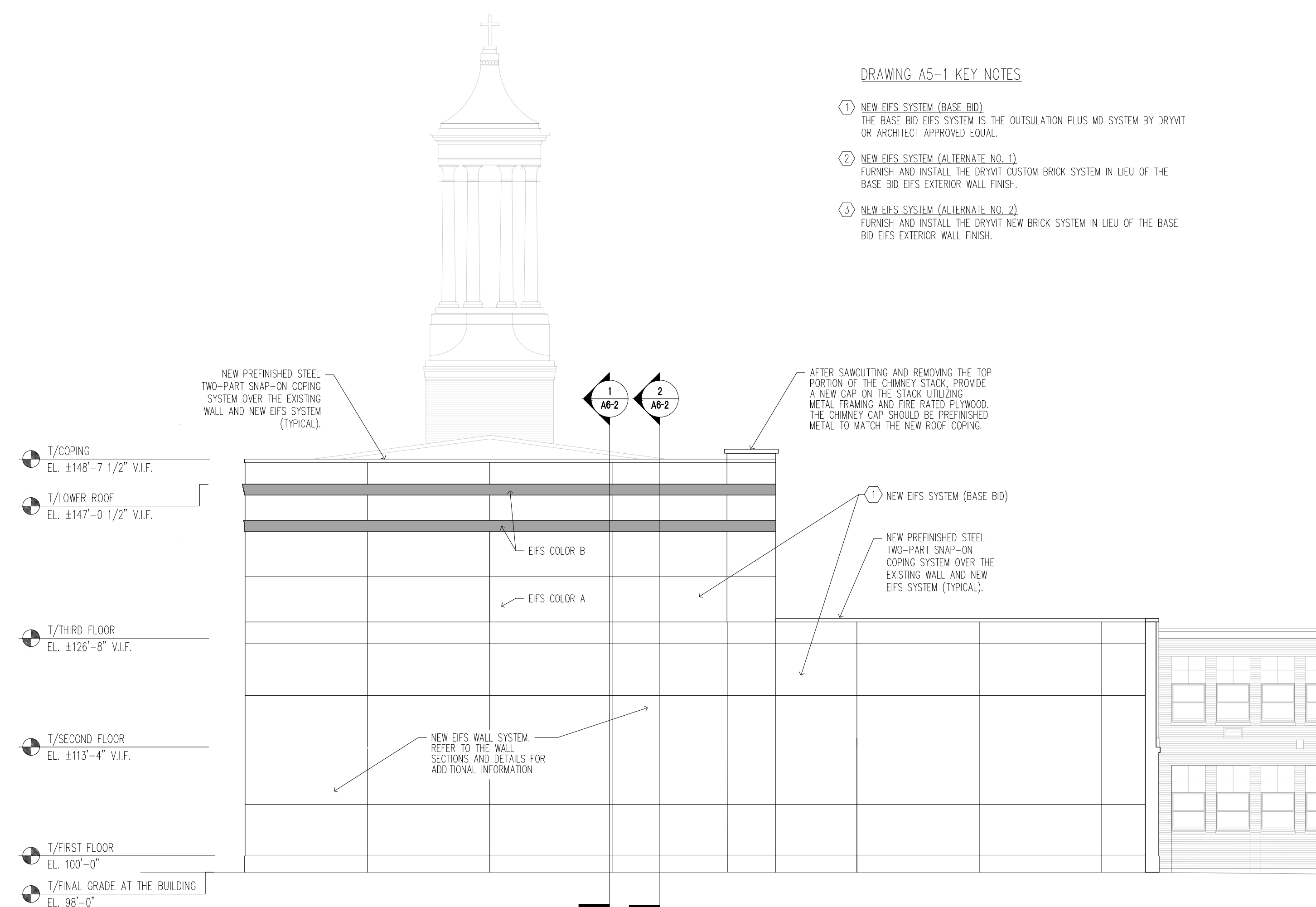
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DRAWING A5-1 KEY NOTES

- NEW EIFS SYSTEM (BASE BID)
THE BASE BID EIFS SYSTEM IS THE OUTSULATION PLUS MD SYSTEM BY DRYVIT OR ARCHITECT APPROVED EQUAL.
- NEW EIFS SYSTEM (ALTERNATE NO. 1)
FURNISH AND INSTALL THE DRYVIT CUSTOM BRICK SYSTEM IN LIEU OF THE BASE BID EIFS EXTERIOR WALL FINISH.
- NEW EIFS SYSTEM (ALTERNATE NO. 2)
FURNISH AND INSTALL THE DRYVIT NEW BRICK SYSTEM IN LIEU OF THE BASE BID EIFS EXTERIOR WALL FINISH.

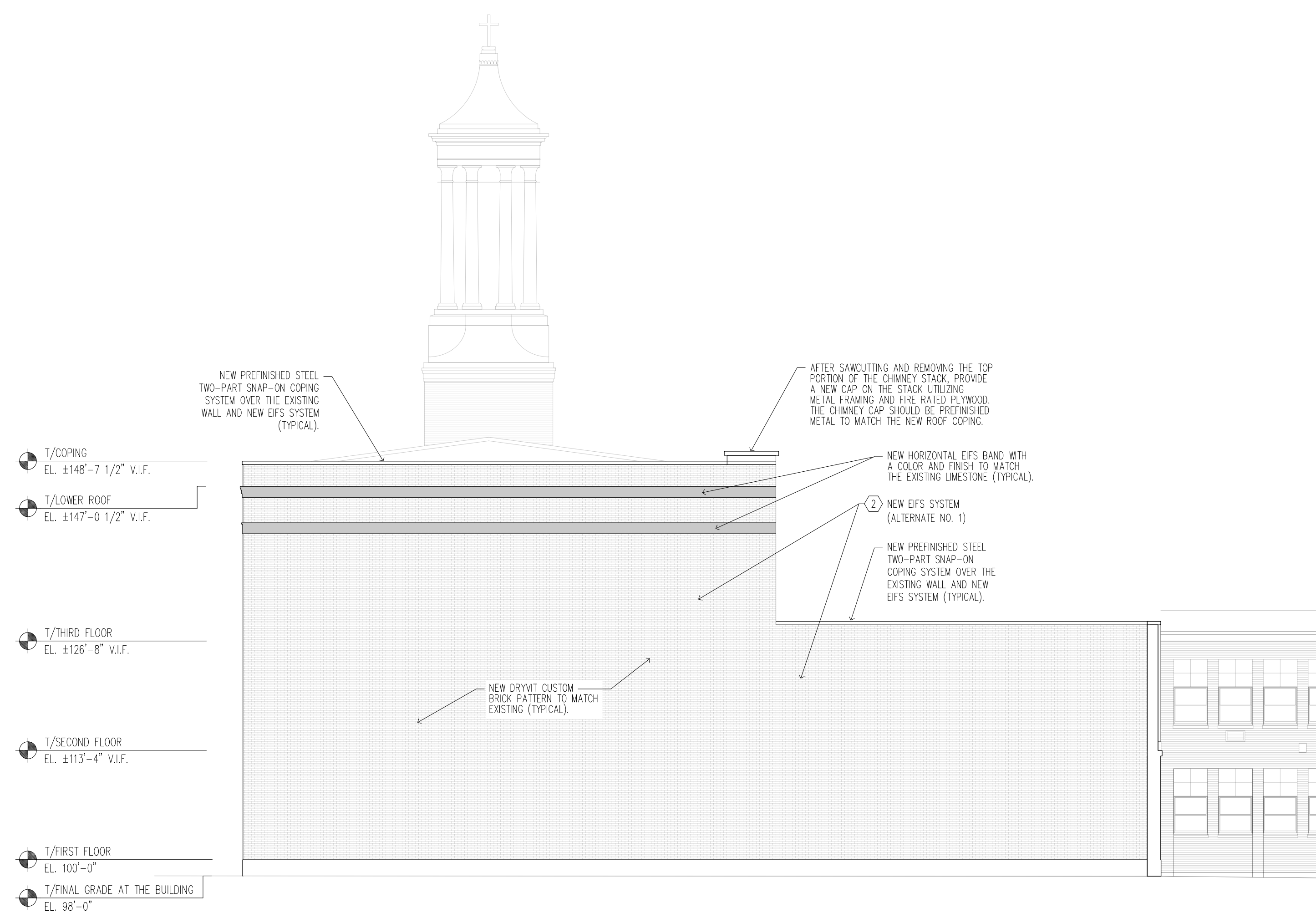


1 NEW STRUCTURAL REINFORCING AT THE WEST ELEVATION
A5-1 SCALE: 3/32" = 1'-0"

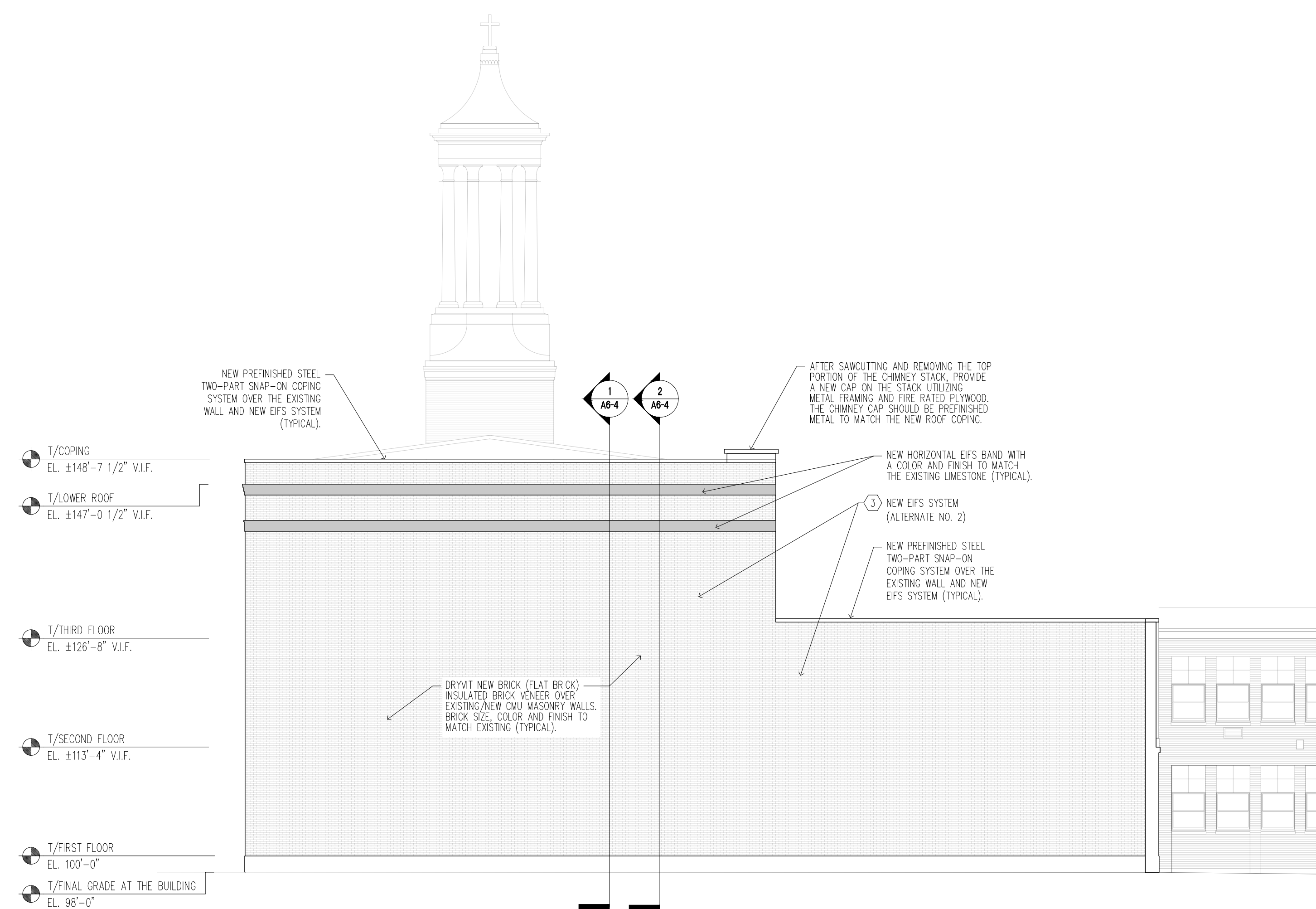


2 NEW WEST ELEVATION (BASE BID)
A5-1 SCALE: 3/32" = 1'-0"

EIFS COLOR A
EIFS COLOR B



3 NEW WEST ELEVATION (ALTERNATE NO. 1)
A5-1 SCALE: 3/32" = 1'-0"



4 NEW WEST ELEVATION (ALTERNATE NO. 2)
A5-1 SCALE: 3/32" = 1'-0"



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ILLINOIS LICENSE NO. 184.001442
LEL Comm. No. 21180561.000

Project Name:

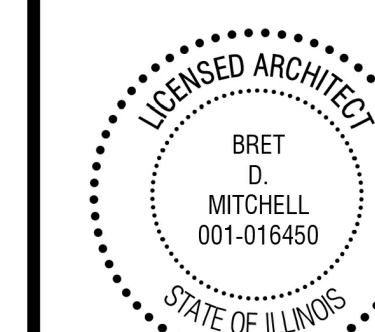
CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Architect's Certification:

STATEMENT OF COMPLIANCE
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Firm #: 184.002953
Expires: 04/30/2025
License: 001.016450
Expires: 11/30/2024



Bret Mitchell 5/2/2024
Date:

The following drawings have been prepared under my direct supervision:

T, A1-1, A1-1, A1-2, A1-3, A1-4, A1-5, A1-6, A1-7, A2-1, A2-2, A2-3, A2-4, A5-1, A5-2, A6-1, A6-2, A6-3, A6-4, A6-5

Drawing Title:

NEW STRUCTURAL REINFORCING AT THE NORTH EXTERIOR ELEVATION, NEW NORTH EXTERIOR ELEVATION OPTIONS - BASE BID, ALTERNATE NO. 1, ALTERNATE NO. 2

Issue/Revision:

No.	Date	Description

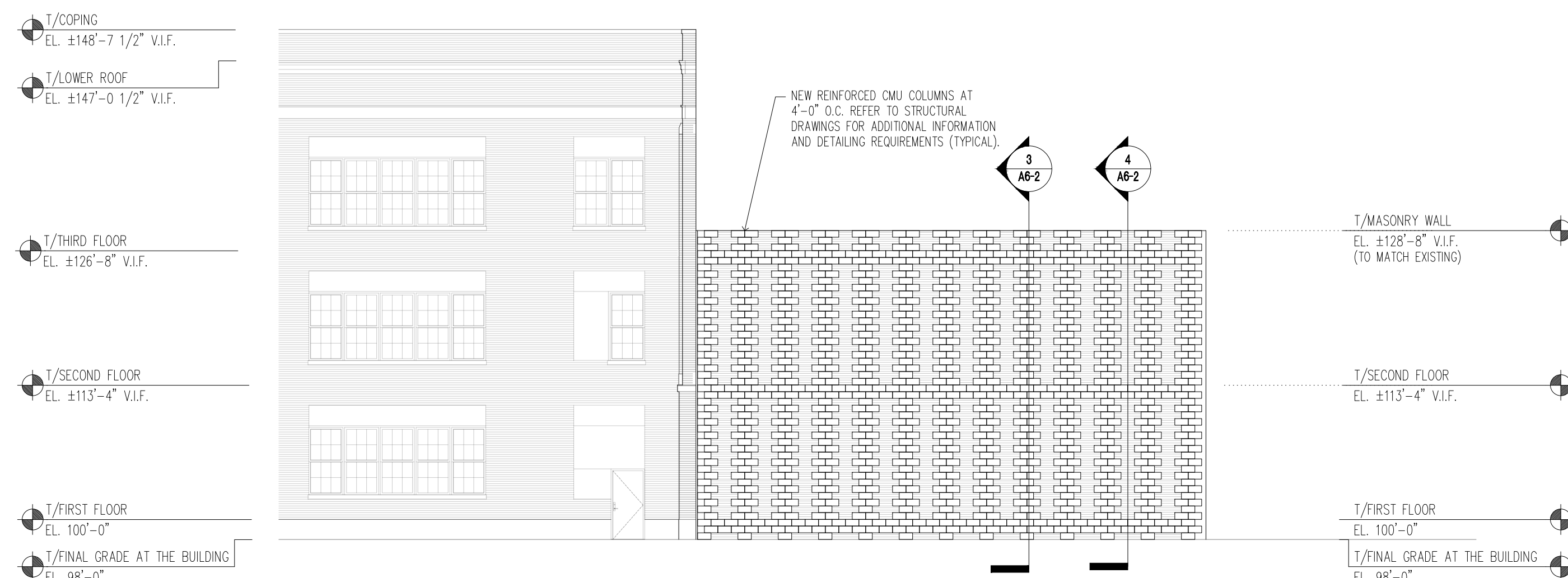
Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: RBM

A5-2

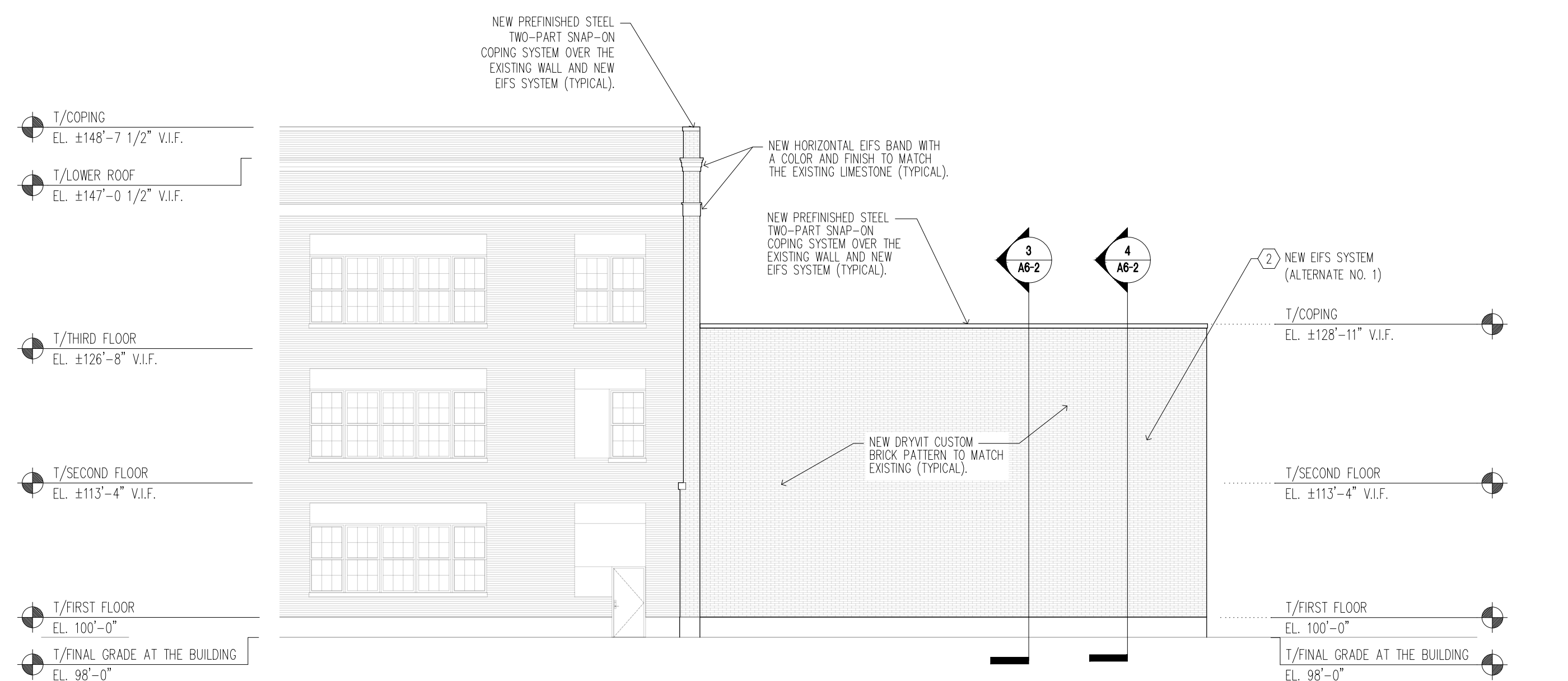
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DRAWING A5-2 KEY NOTES

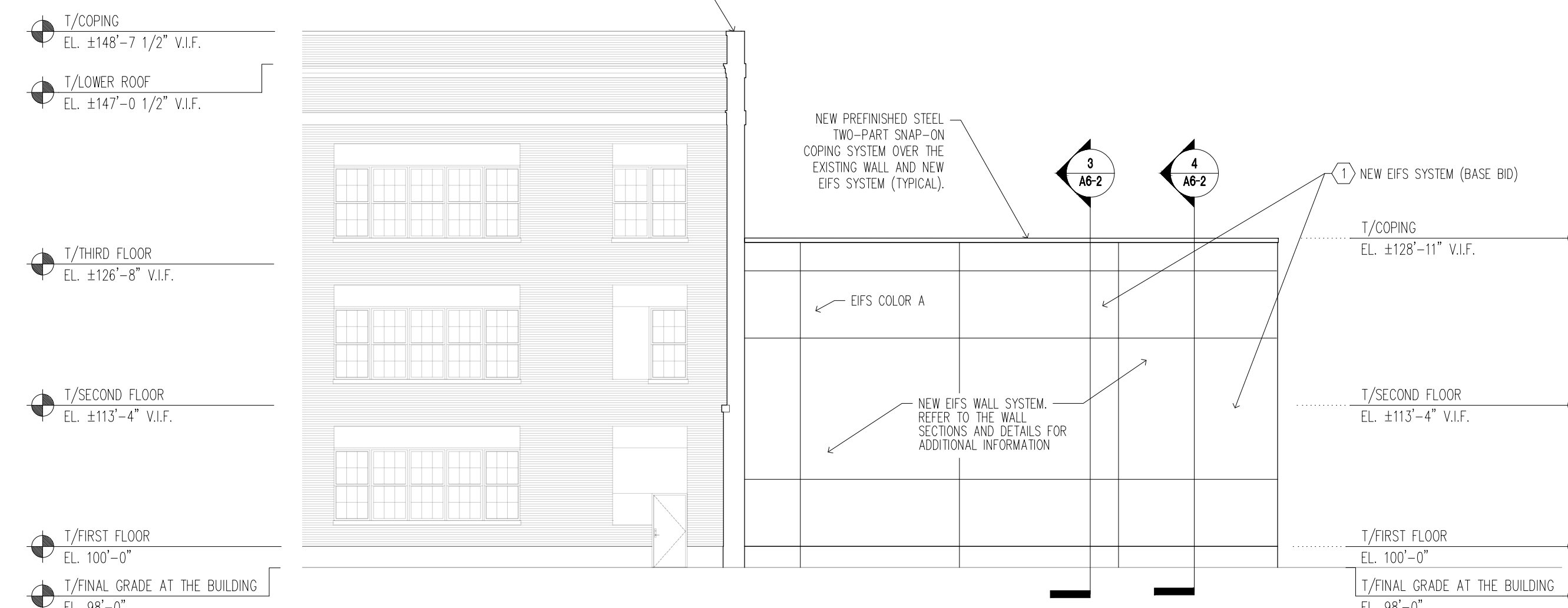
- NEW EFS SYSTEM (BASE BID)
THE BASE BID EFS SYSTEM IS THE OUTSULATION PLUS MD SYSTEM BY DRYVIT OR ARCHITECT APPROVED EQUAL.
- NEW EFS SYSTEM (ALTERNATE NO. 1)
FURNISH AND INSTALL THE DRYVIT CUSTOM BRICK SYSTEM IN LIEU OF THE BASE BID EFS EXTERIOR WALL FINISH.
- NEW EFS SYSTEM (ALTERNATE NO. 2)
FURNISH AND INSTALL THE DRYVIT NEW BRICK SYSTEM IN LIEU OF THE BASE BID EFS EXTERIOR WALL FINISH.



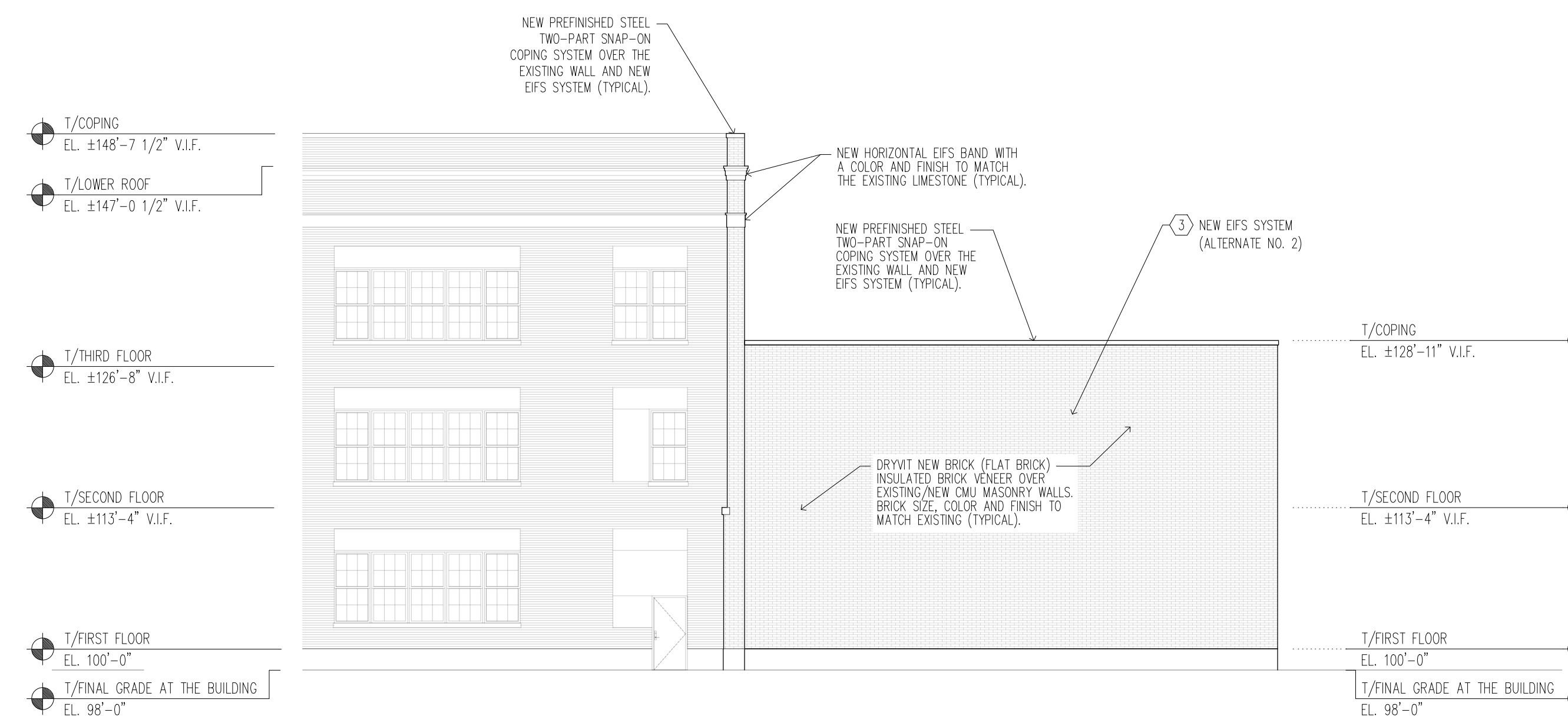
1 NEW STRUCTURAL REINFORCING AT THE NORTH ELEVATION
A5-2 SCALE: 3/32" = 1'-0"



3 NEW NORTH ELEVATION (ALTERNATE NO. 1)
A5-2 SCALE: 3/32" = 1'-0"



2 NEW NORTH ELEVATION (BASE BID)
A5-2 SCALE: 3/32" = 1'-0"



4 NEW NORTH ELEVATION (ALTERNATE NO. 2)
A5-2 SCALE: 3/32" = 1'-0"



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1488 Bond Street, Suite 100
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PH: 630-357-2540 | FX: 630-357-0164
ILLINOIS LICENSE NO. 184.001442
I.E.A. Comm. No. 23180561.000

Project Name:

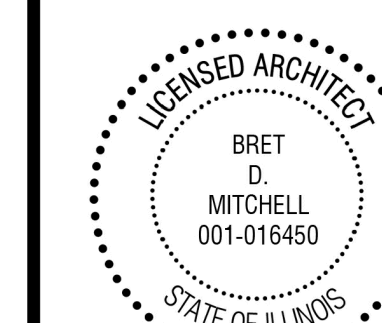
CONSTRUCTION DOCUMENTS
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Bret D. Mitchell 5/2/2024
Signature Date

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A1-6, A1-7, A2-L, A2-1, A2-2, A2-3,
A2-4, A5-1, A5-2, A6-1, A6-2, A6-3,
A6-4, A6-5

Drawing Title:

EXISTING BUILDING SECTIONS

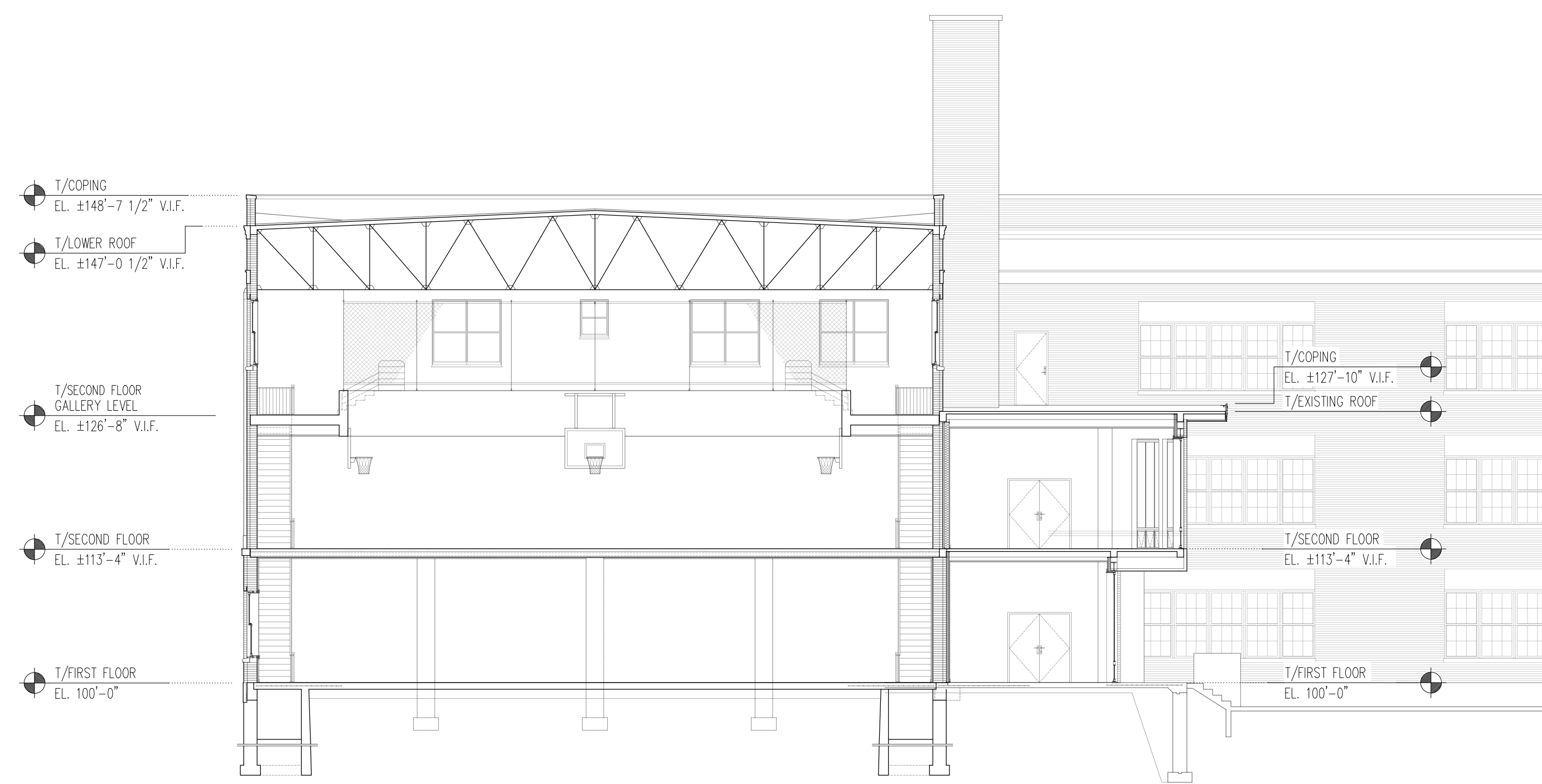
Issue/ Revision:

No.	Date	Description

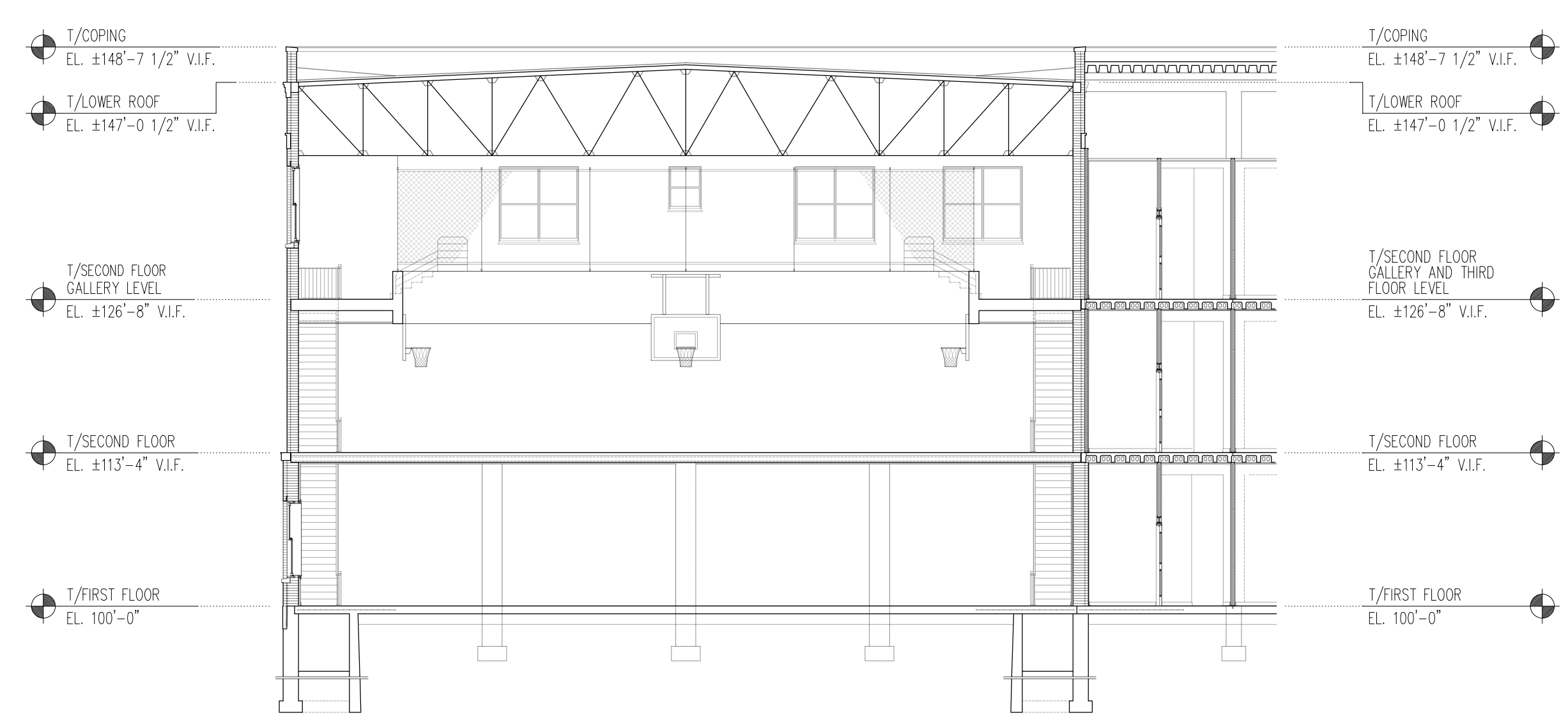
Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: RBM

A6-1

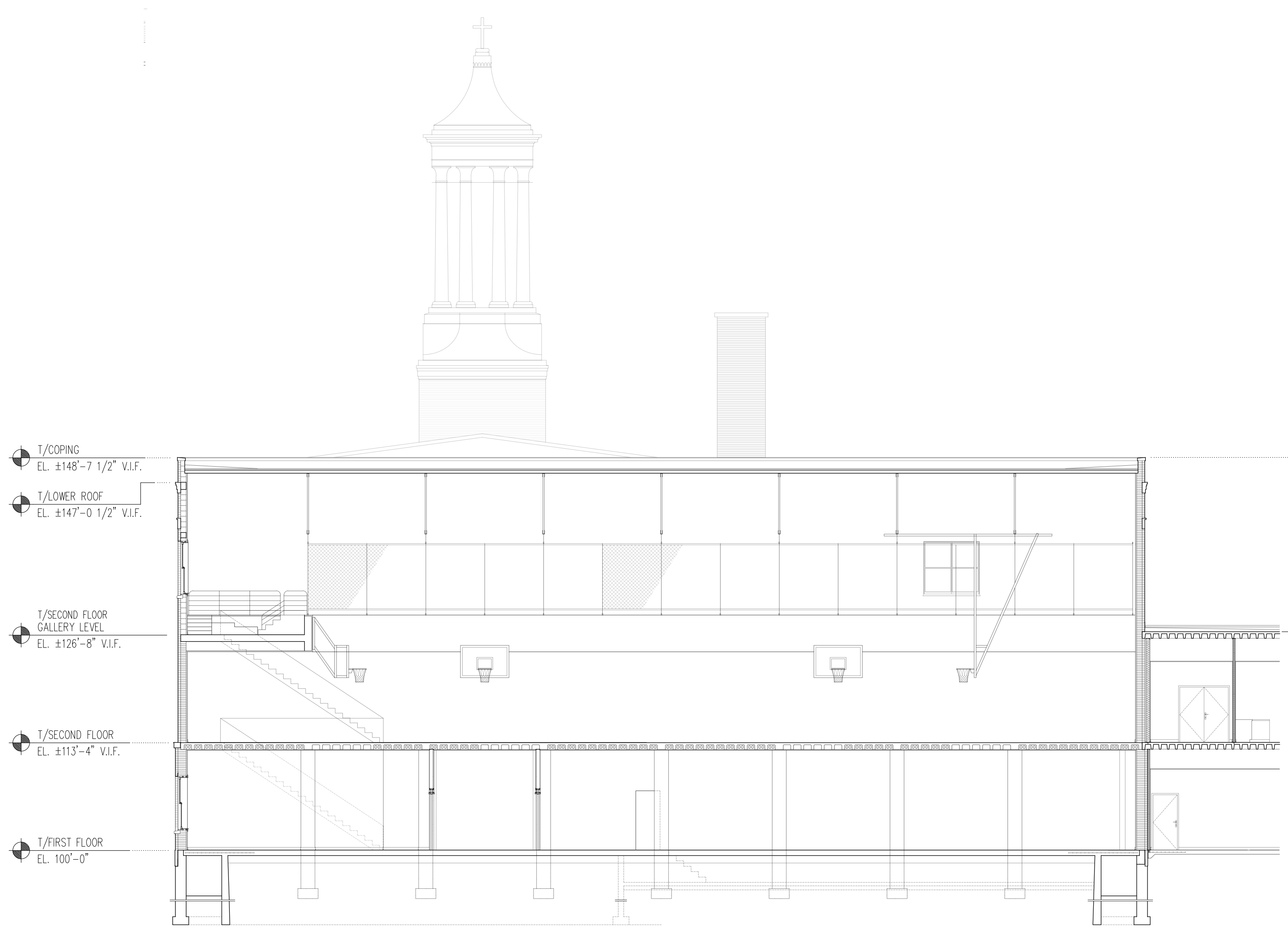
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1 EXISTING BUILDING SECTION
A6-1 SCALE: 3/32" = 1'-0"



2 EXISTING BUILDING SECTION
A6-1 SCALE: 3/32" = 1'-0"



3 EXISTING BUILDING SECTION
A6-1 SCALE: 3/32" = 1'-0"



4 EXISTING BUILDING SECTION
A6-1 SCALE: 3/32" = 1'-0"



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ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 21180581.000

Project Name:

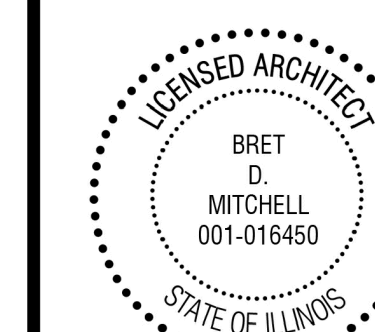
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Drawing Title:

NEW WALL SECTIONS

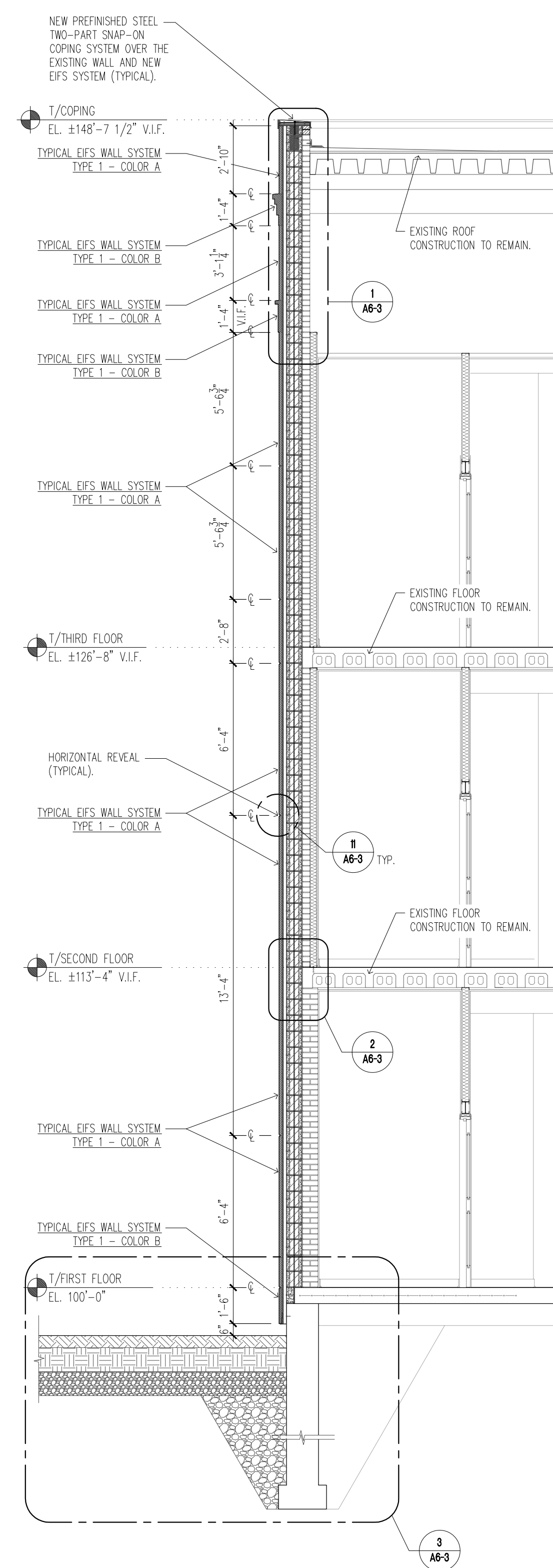
Issue/ Revision:

No.	Date	Description

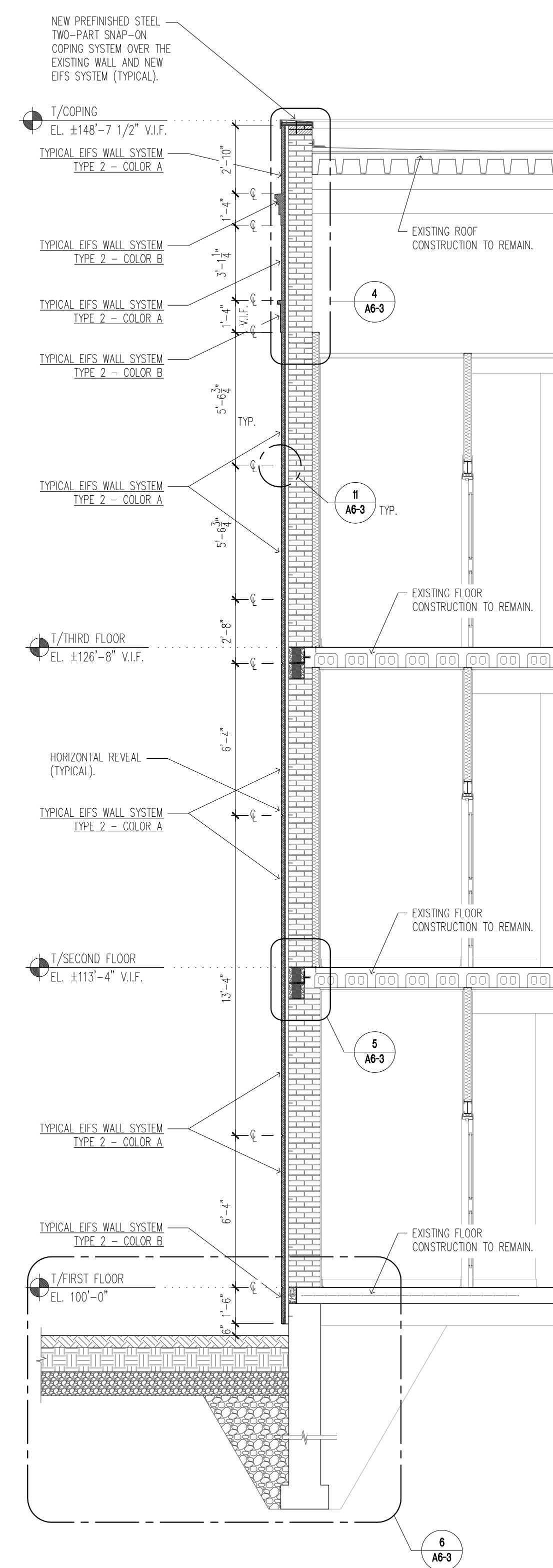
Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: BDM

A6-2

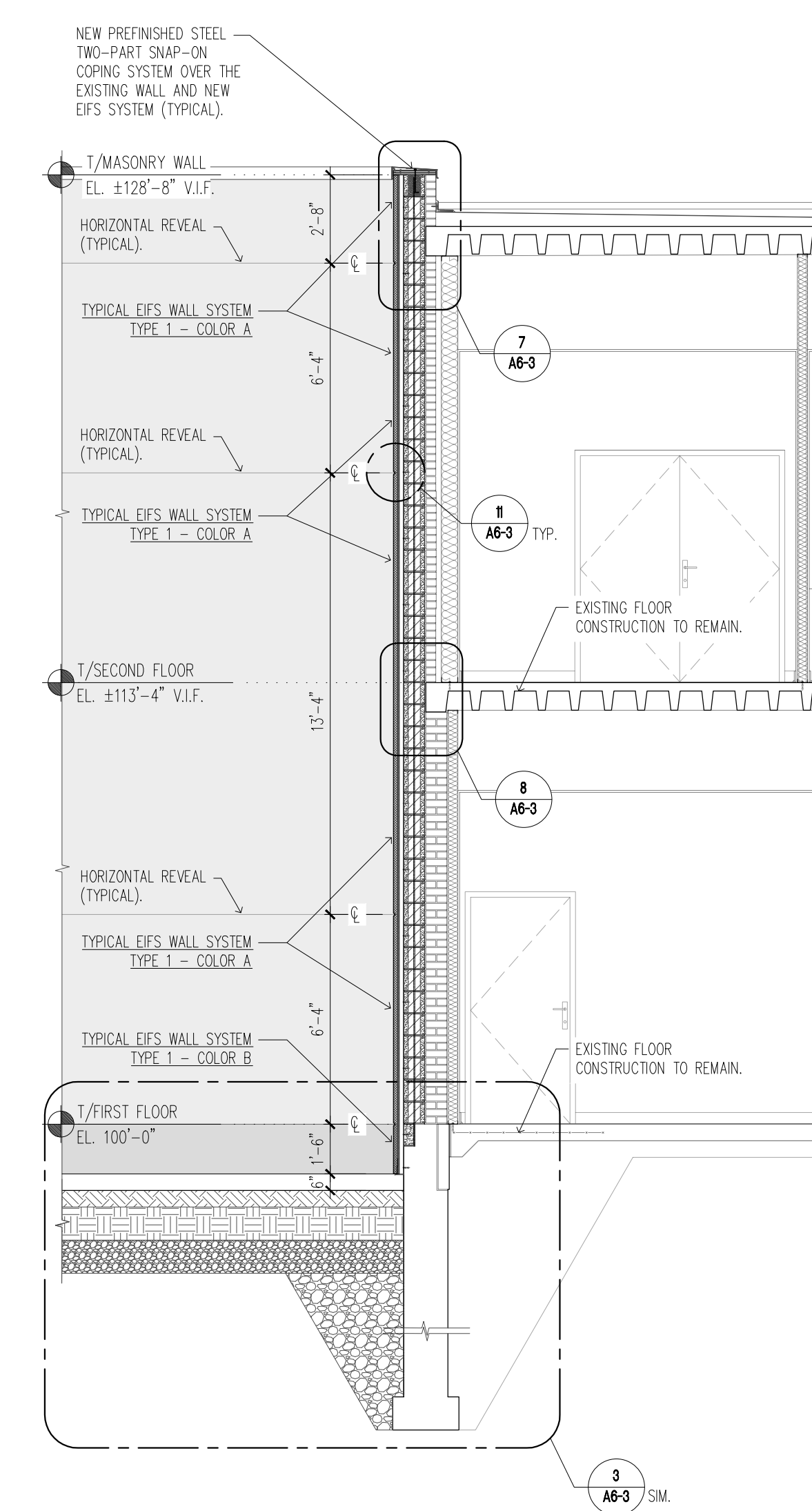
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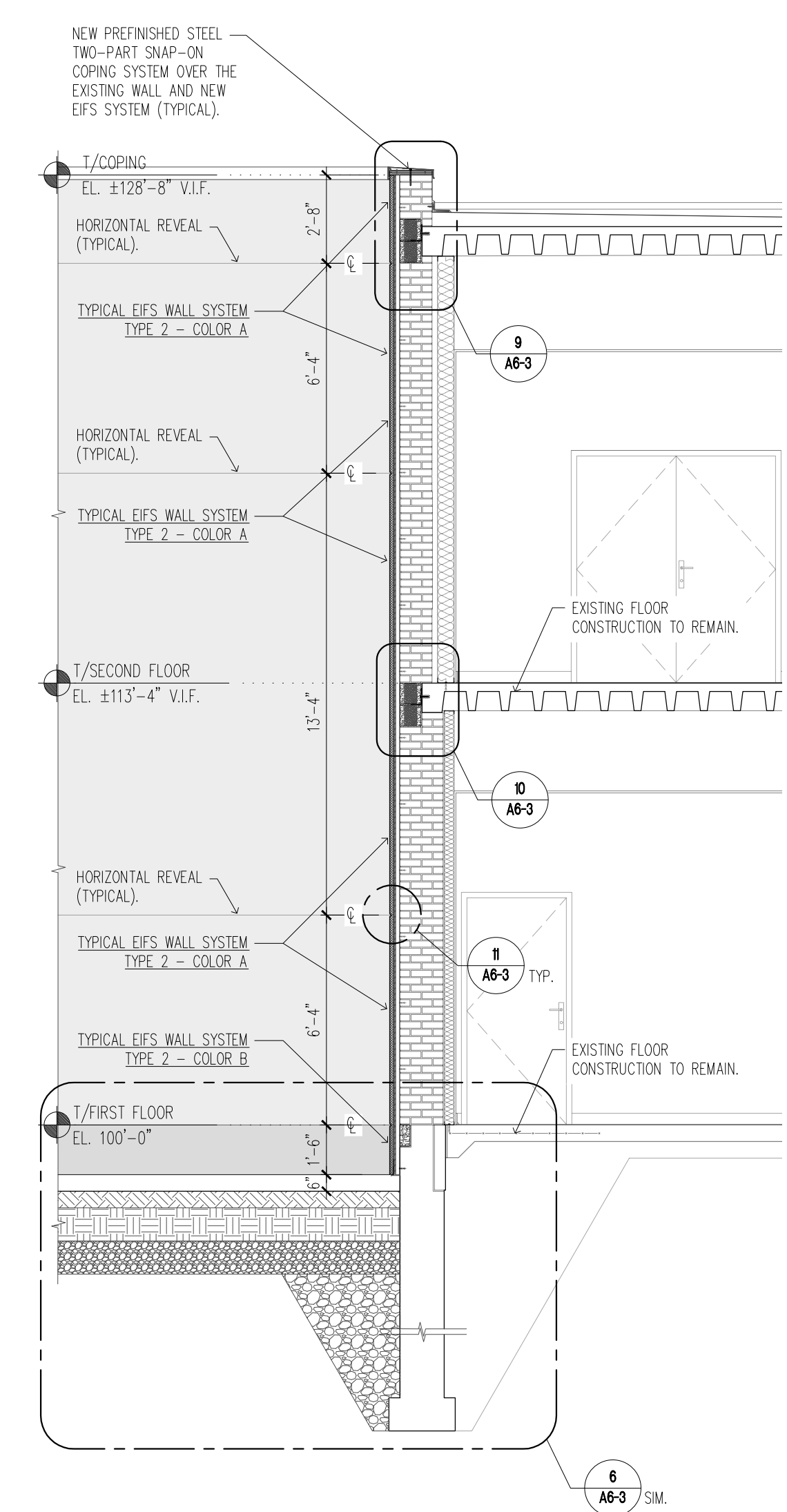
1 NEW WALL SECTION
A6-2 SCALE: 1/4" = 1'-0"



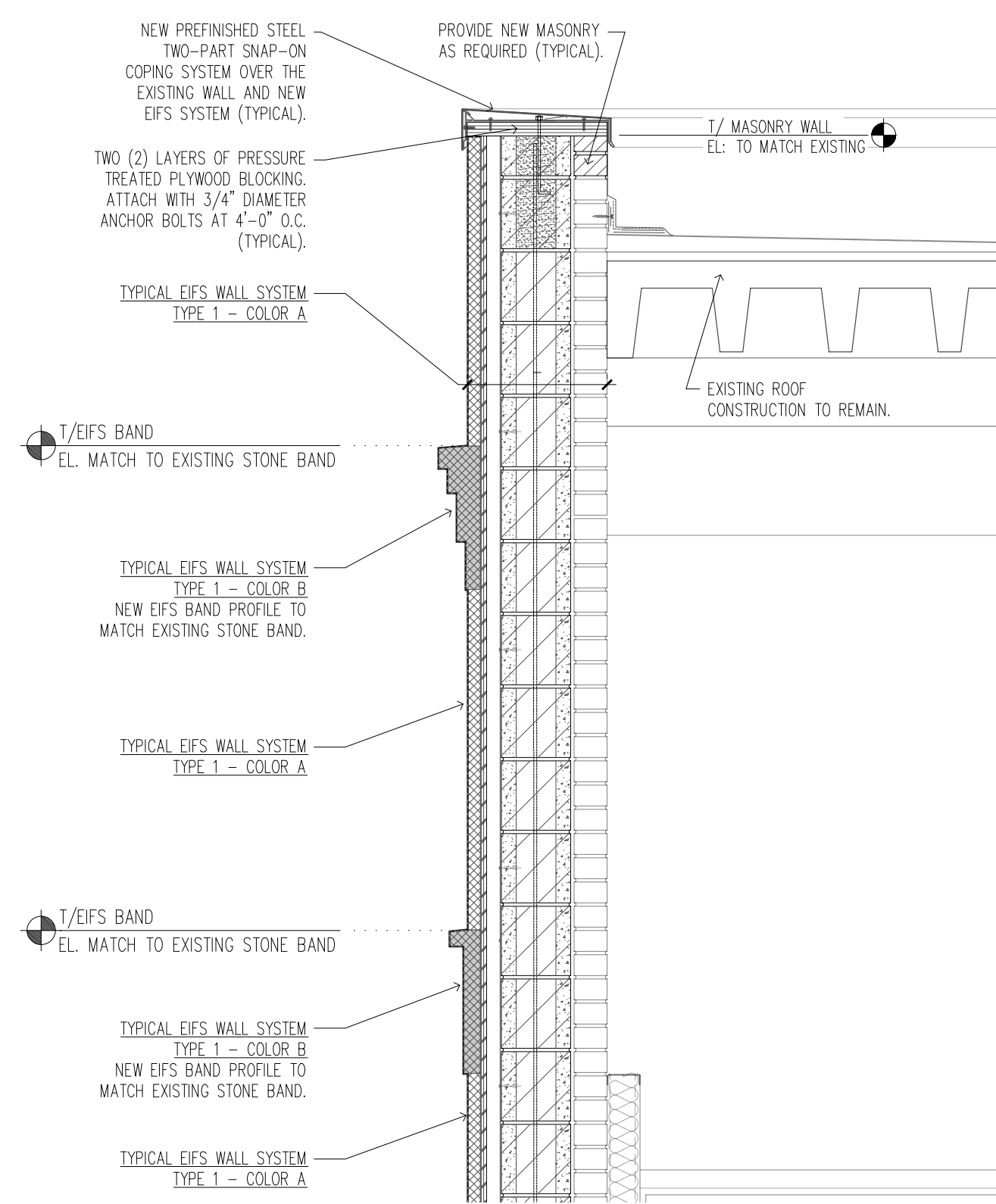
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A6-2 SCALE: 1/4" = 1'-0"



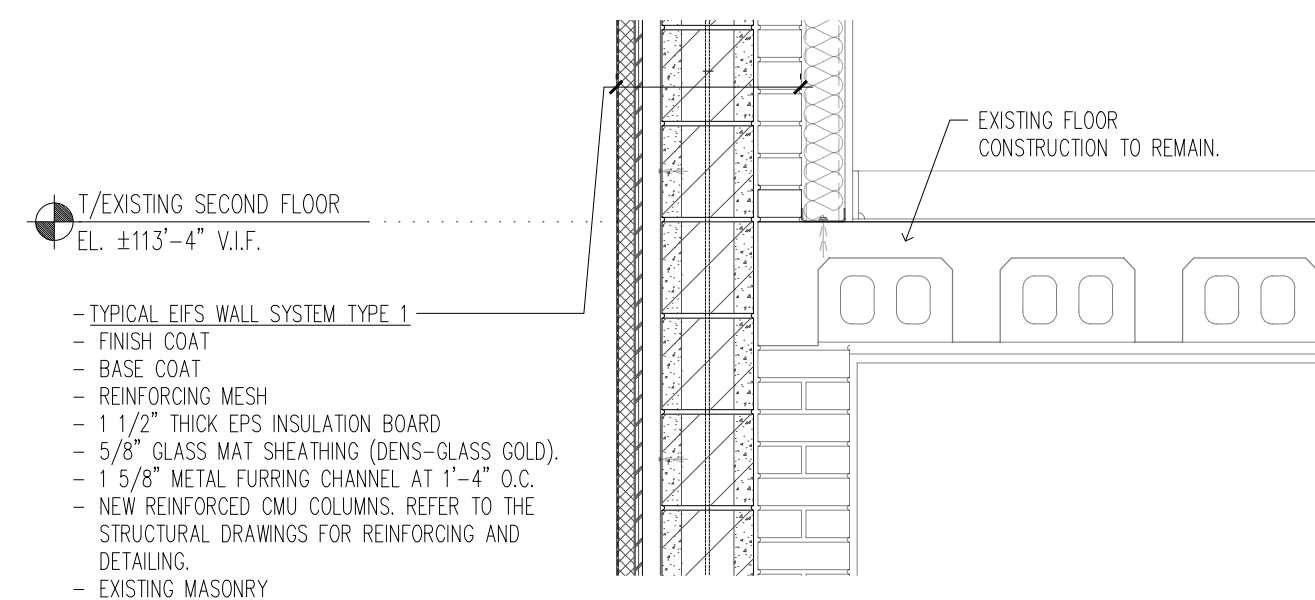
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A6-2 SCALE: 1/4" = 1'-0"



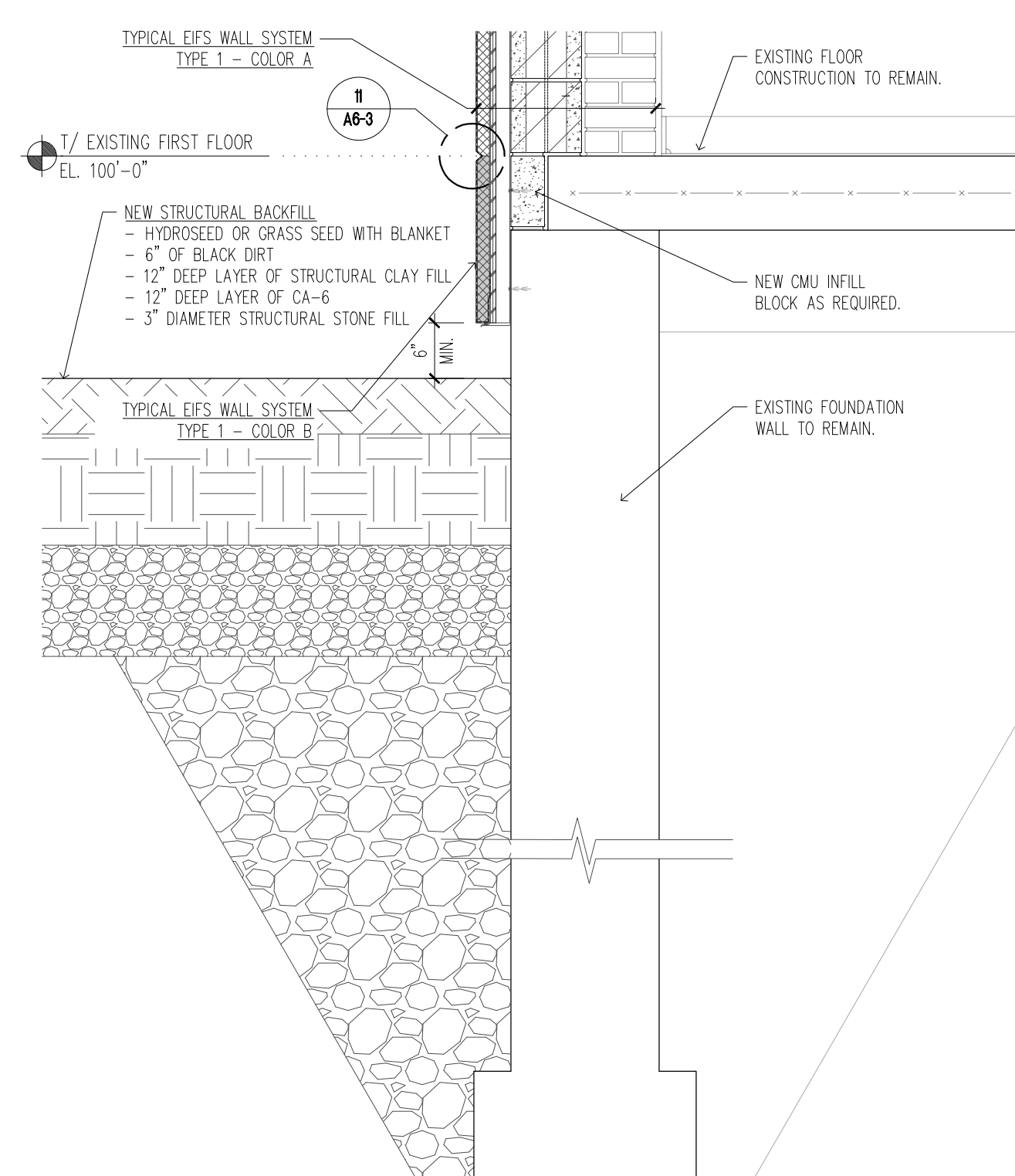
4 NEW WALL SECTION
A6-2 SCALE: 1/4" = 1'-0"



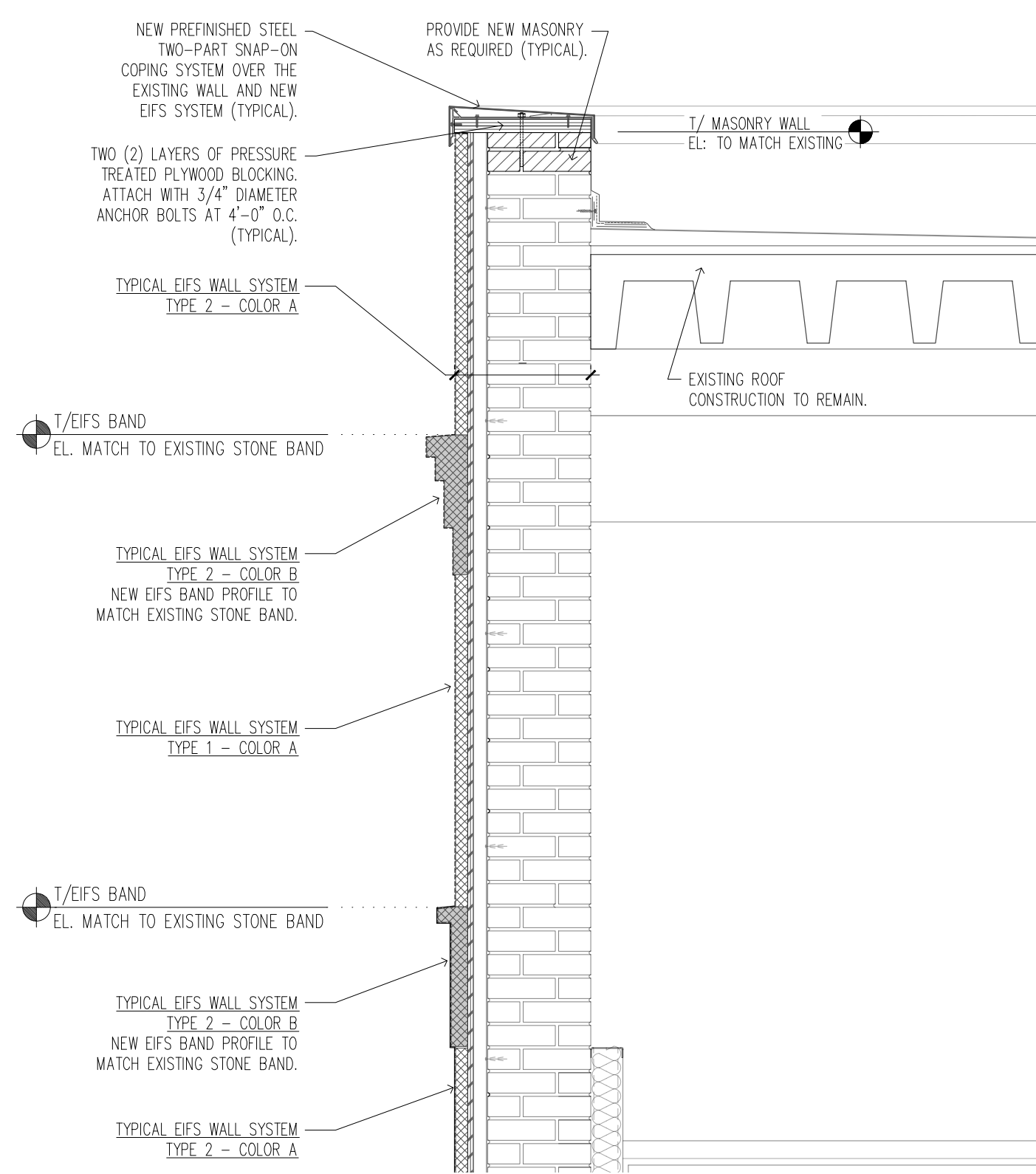
1 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



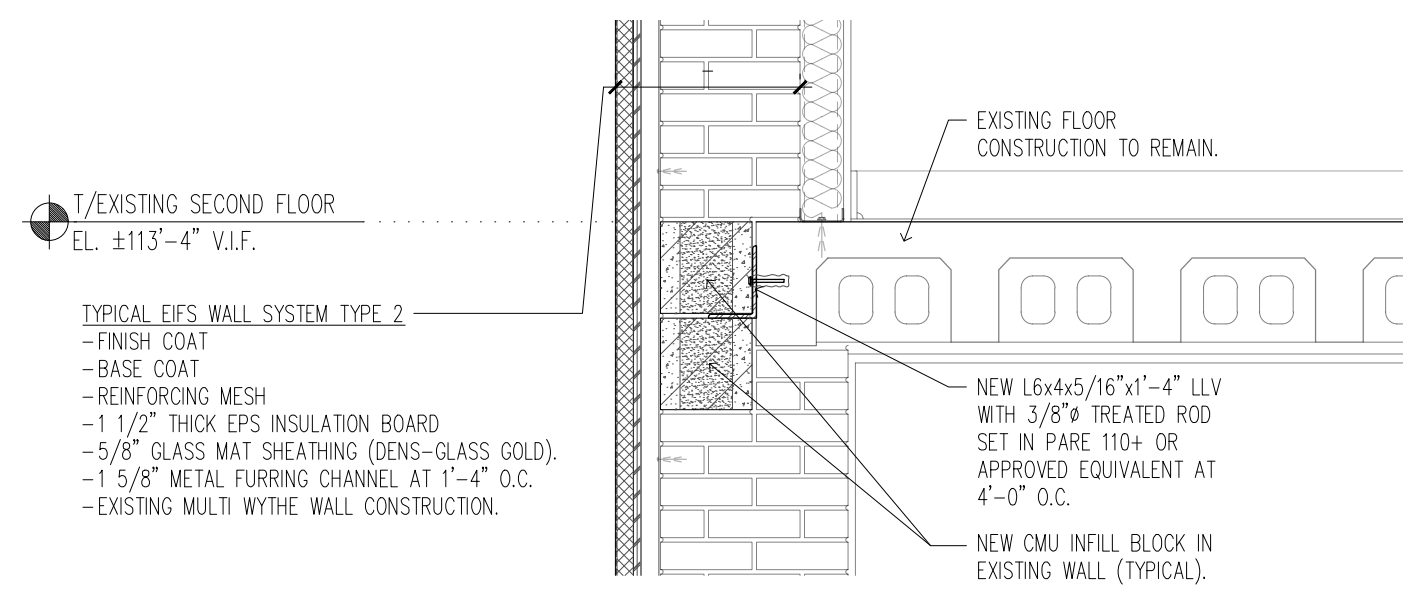
2 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



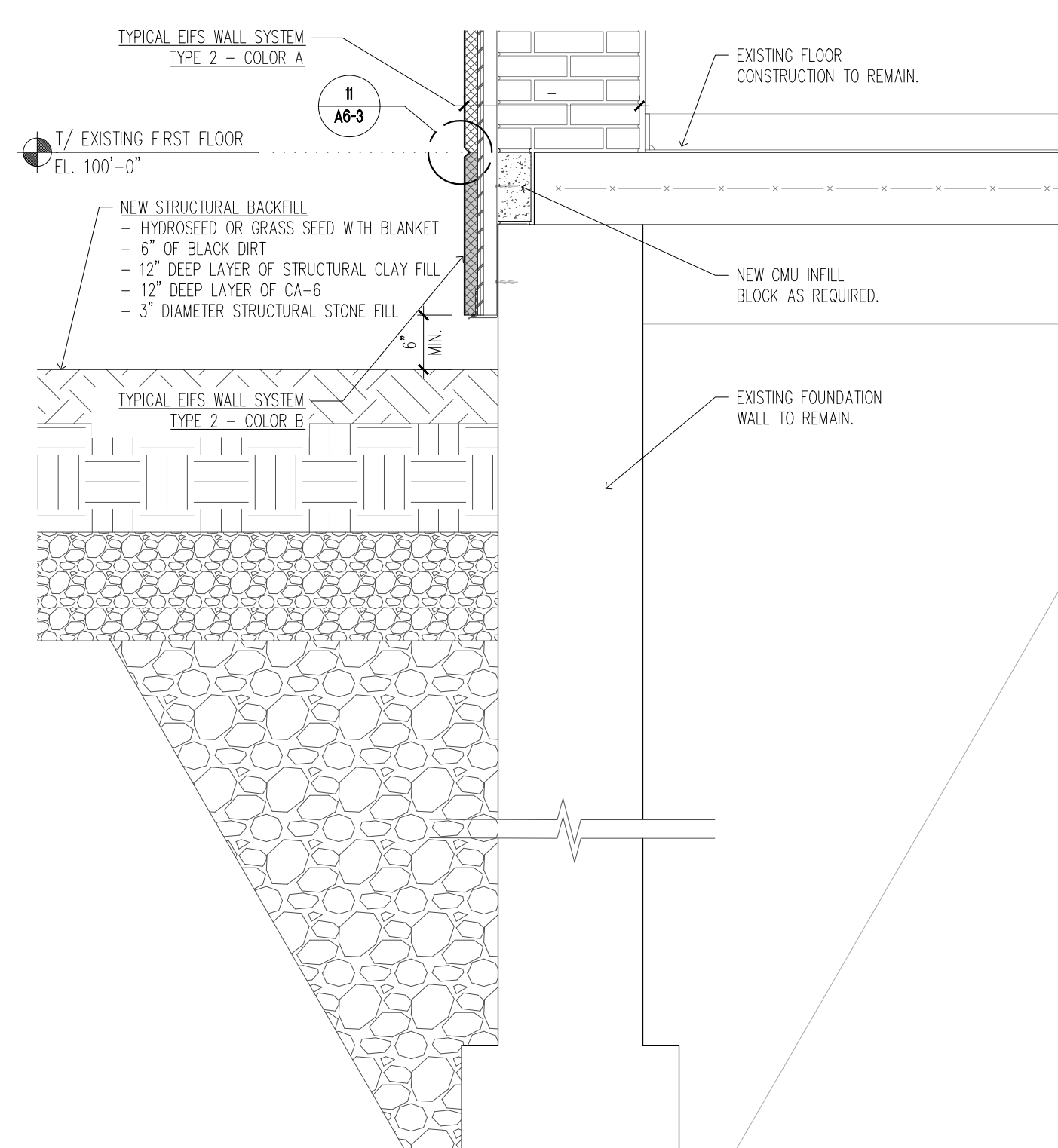
3 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



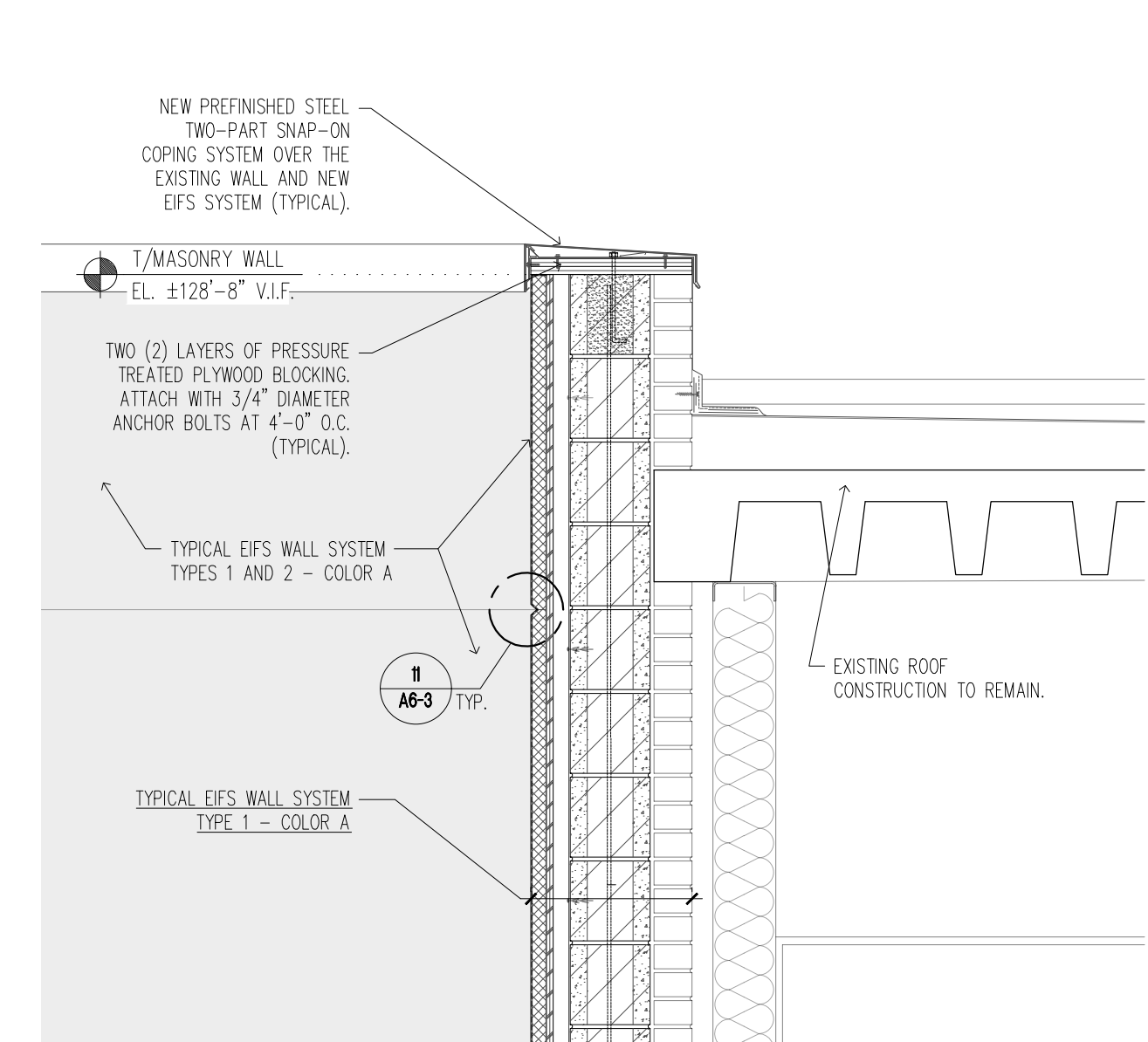
4 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



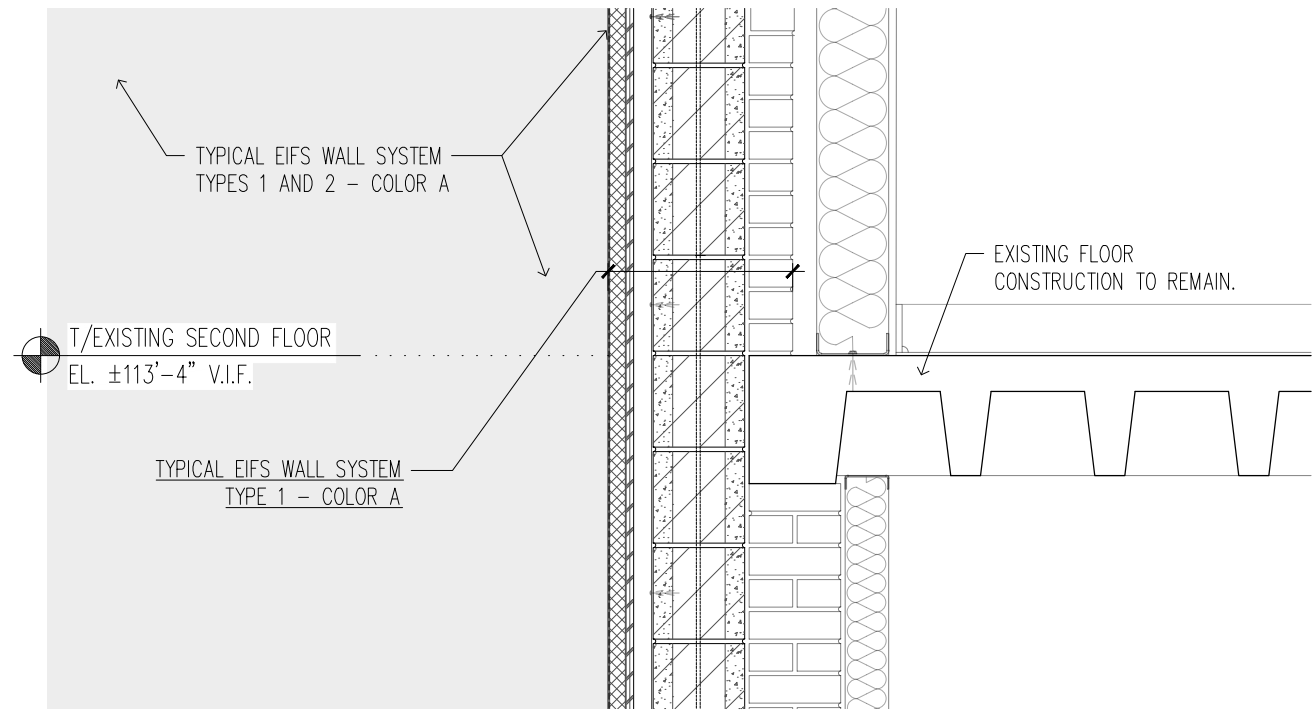
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A6-3 SCALE: 3/4" = 1'-0"



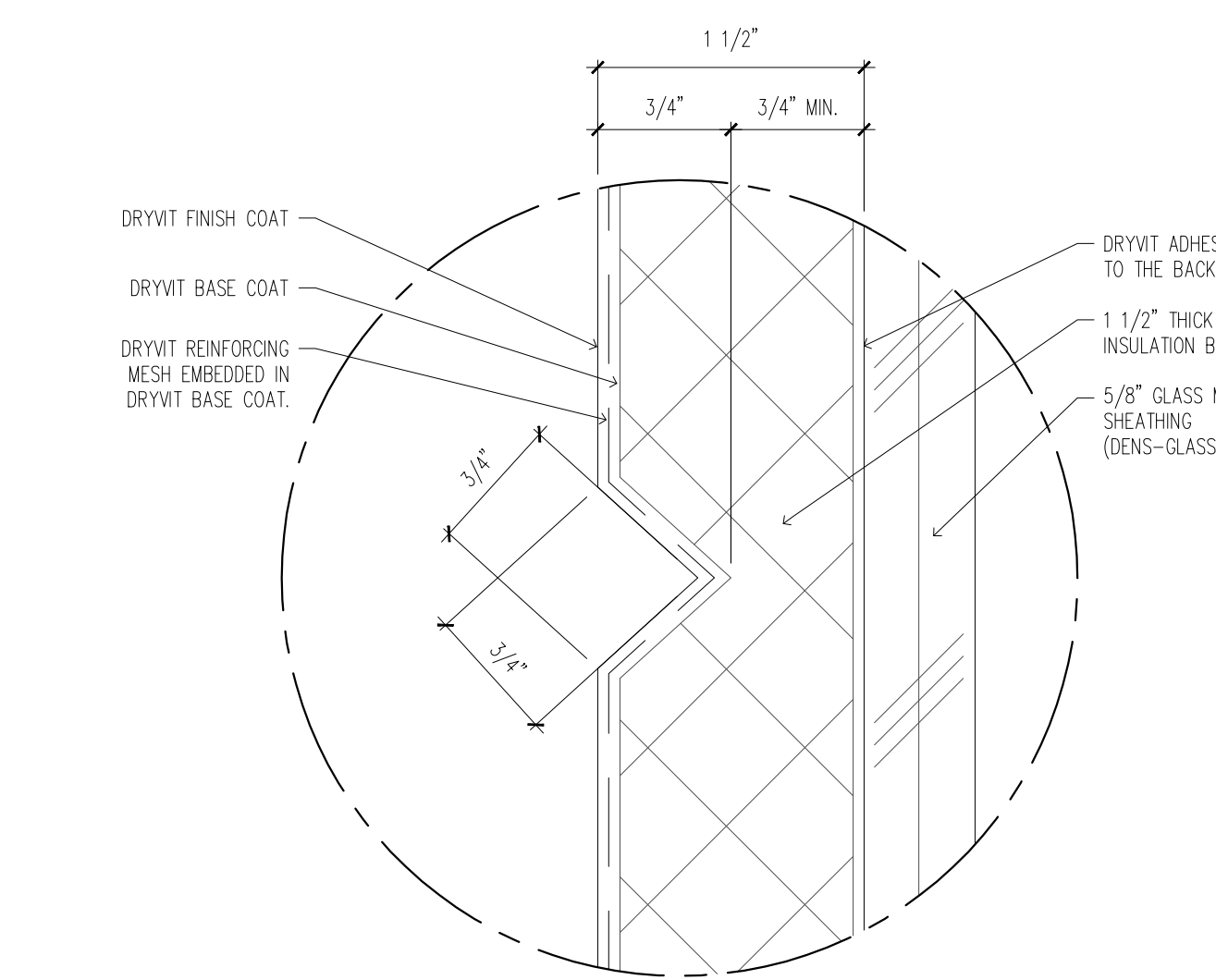
6 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



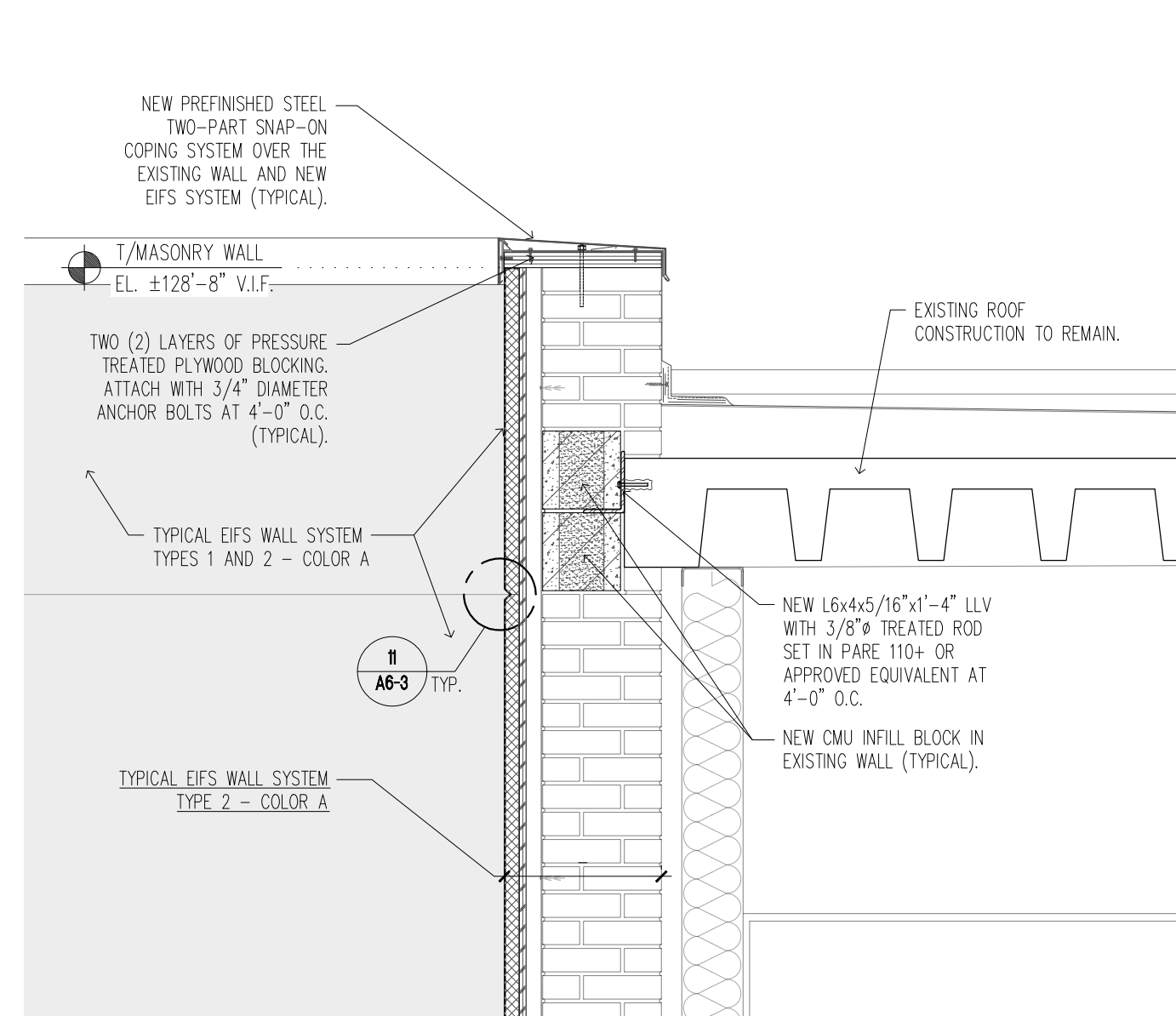
7 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



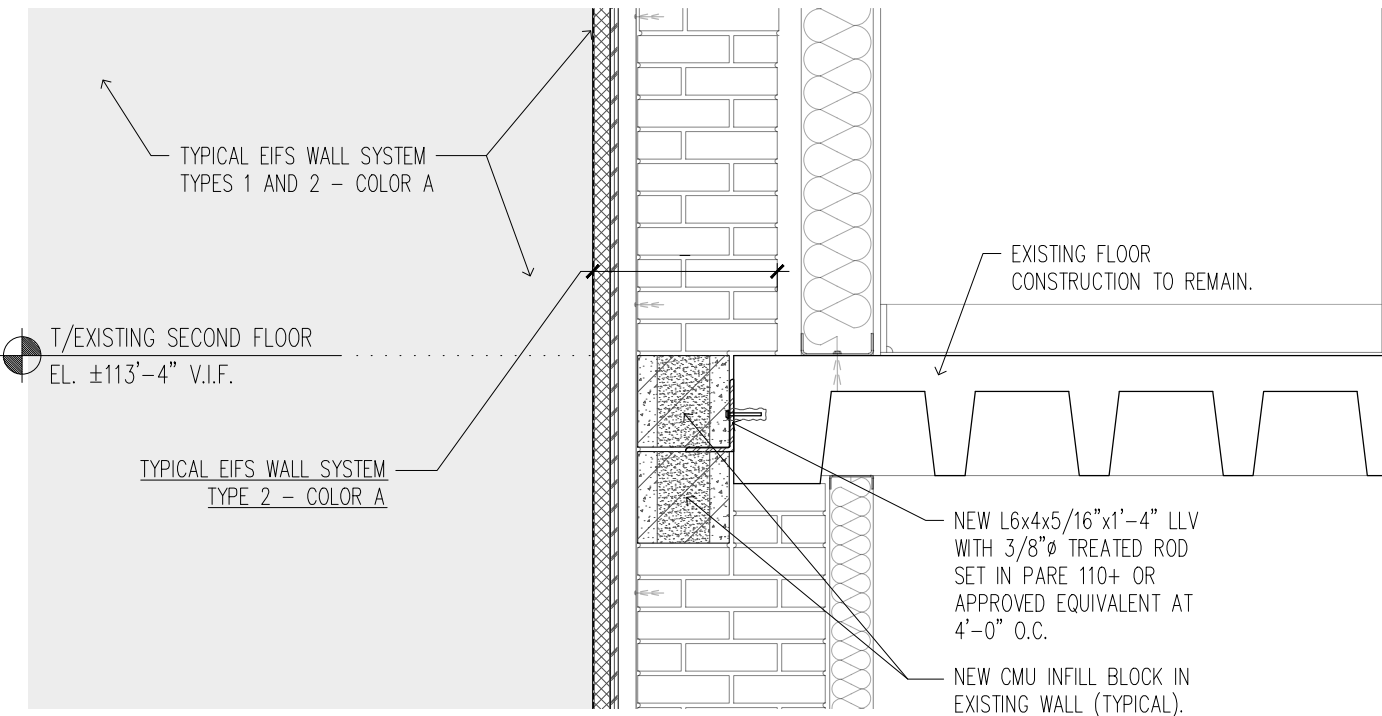
8 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



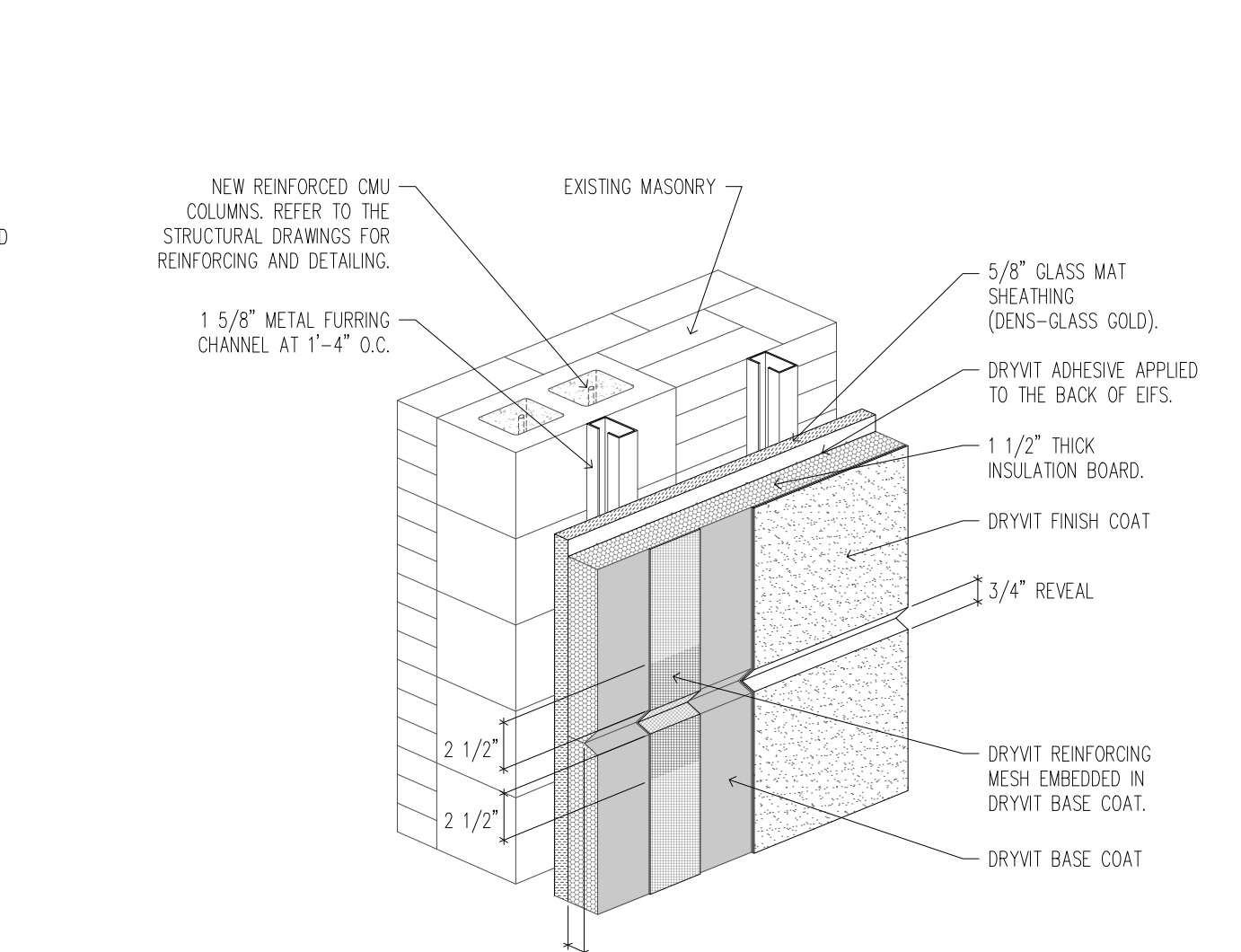
11 TYPICAL DETAIL HORIZONTAL/VERTICAL REVEAL
A6-3 SCALE: 1 1/2" = 1'-0"



9 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



10 NEW WALL SECTION - DETAIL
A6-3 SCALE: 3/4" = 1'-0"



12 TYPICAL EFS CONSTRUCTION
A6-3 SCALE: N.T.S.

Issue/ Revision:

No.	Date	Description



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Project Name:

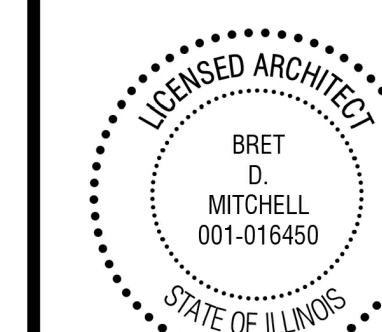
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Drawing Title:

NEW WALL SECTIONS -
ALTERNATE NO. 2

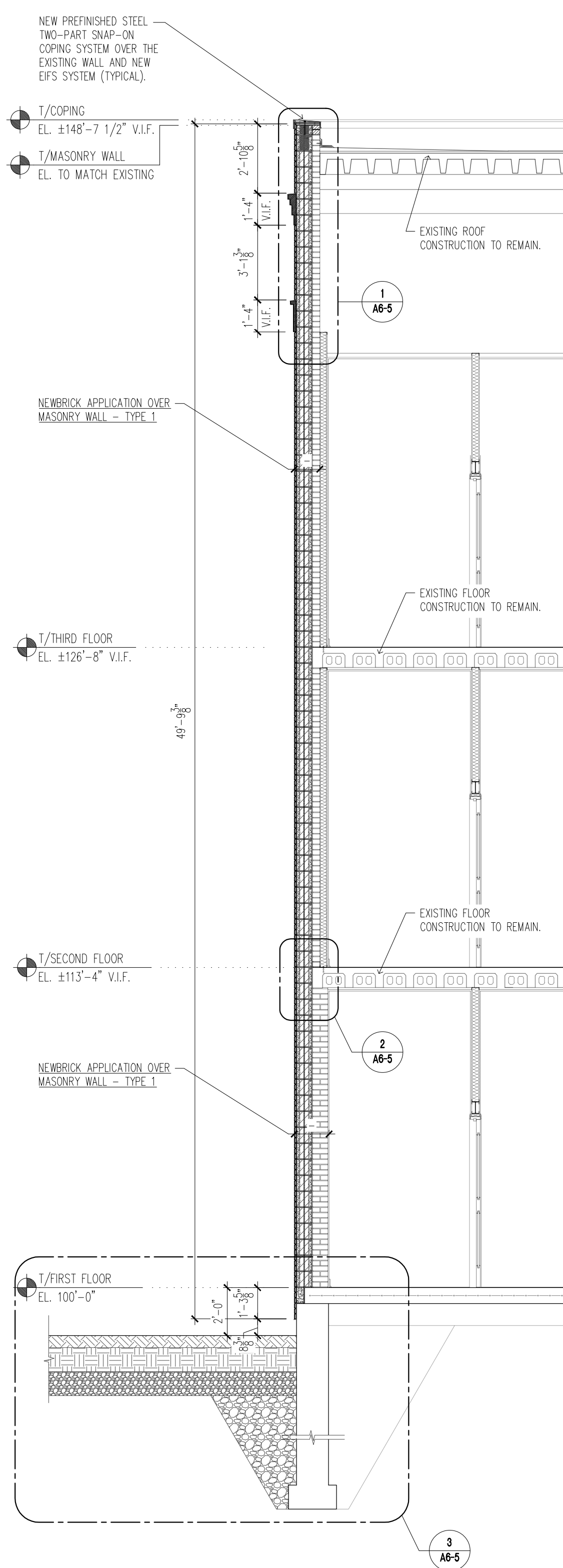
Issue/ Revision:

No.	Date	Description

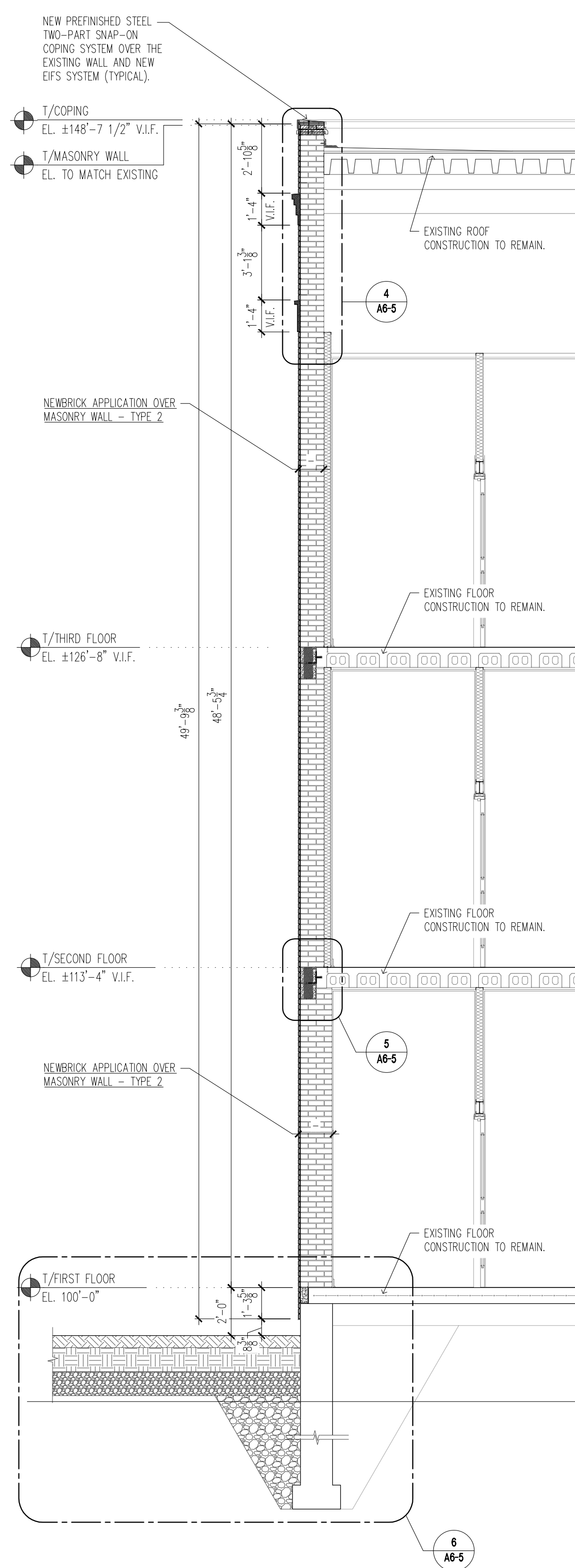
Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: RBM

A6-4

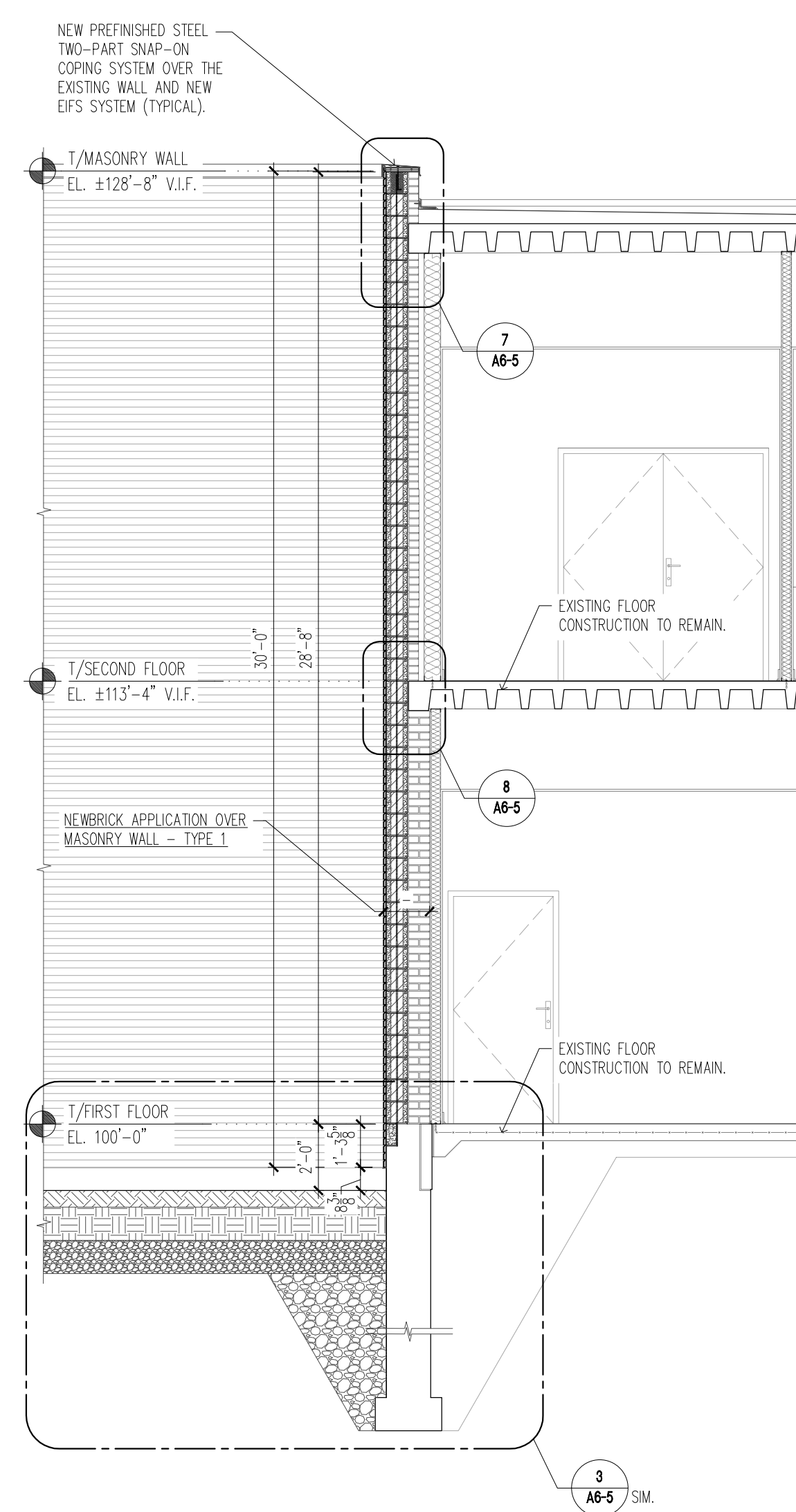
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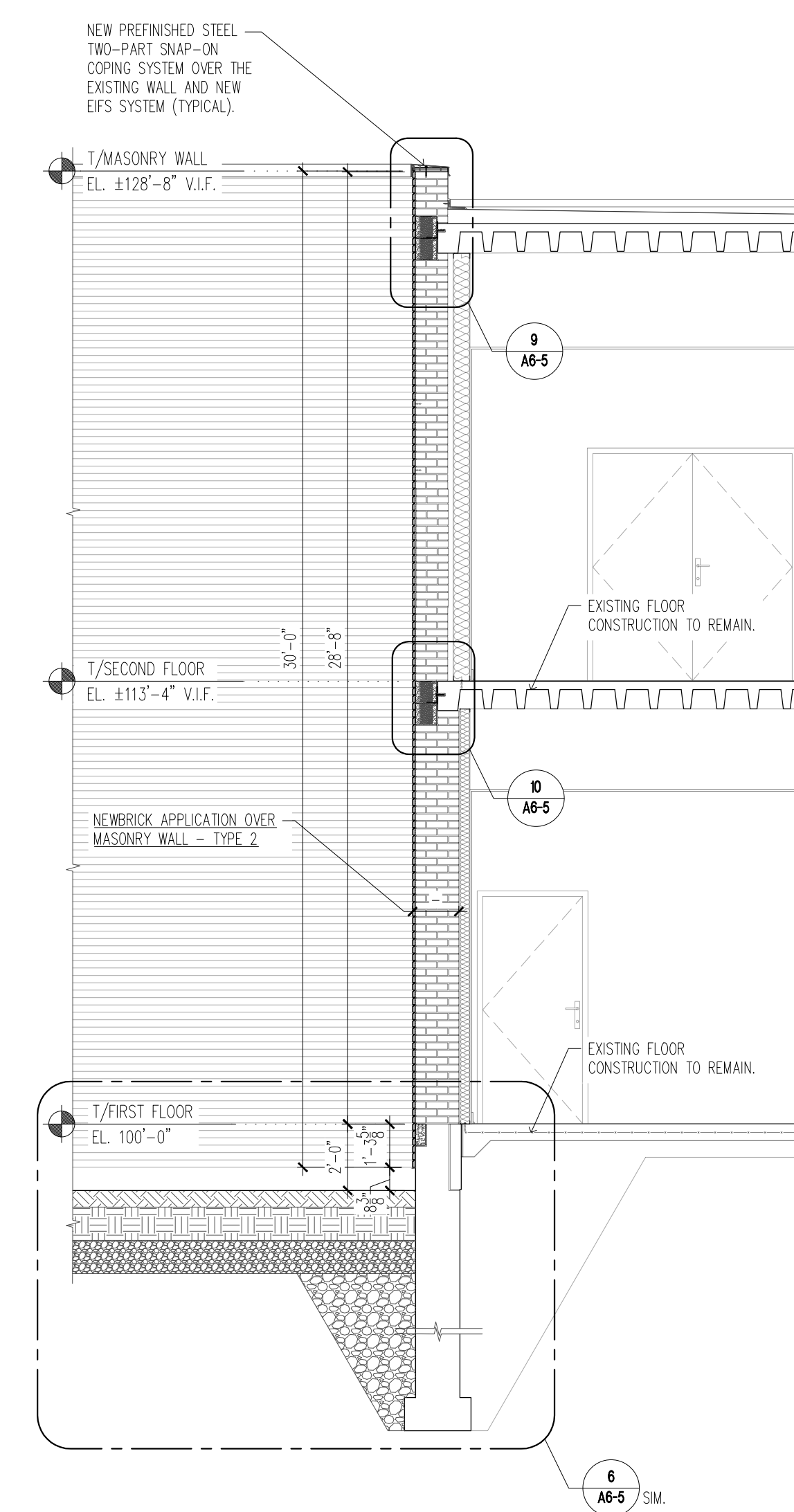
1 NEW WALL SECTION
A6-4 SCALE: 1/4" = 1'-0"



2 NEW WALL SECTION
A6-4 SCALE: 1/4" = 1'-0"



3 NEW WALL SECTION
A6-4 SCALE: 1/4" = 1'-0"



4 NEW WALL SECTION
A6-4 SCALE: 1/4" = 1'-0"



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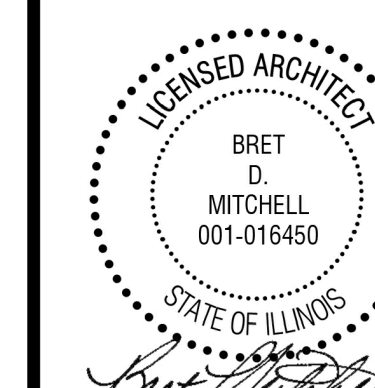
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Drawing Title:

NEW WALL SECTIONS AND DETAILS -
ALTERNATE NO. 2

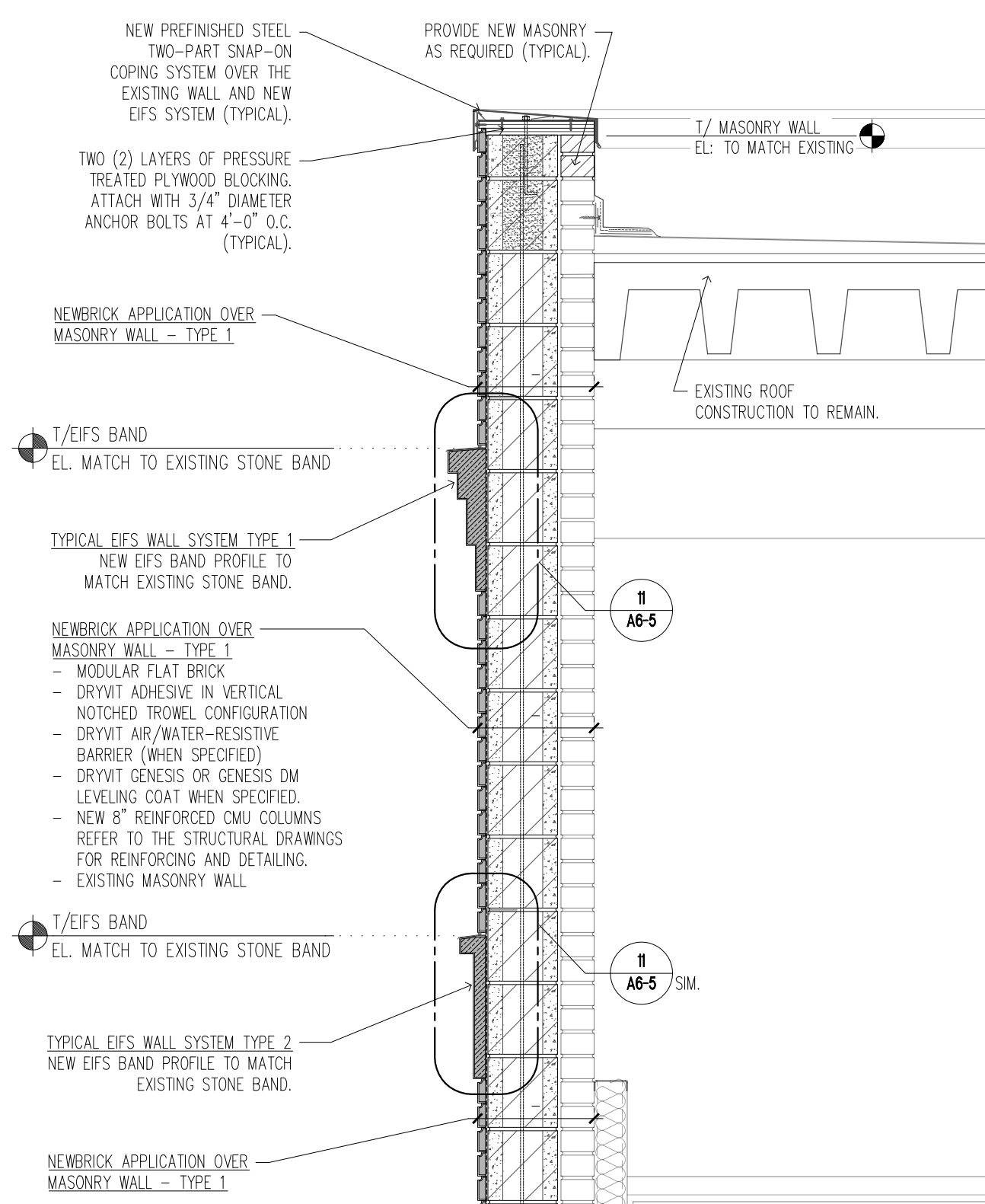
Issue/ Revision:

No.	Date	Description

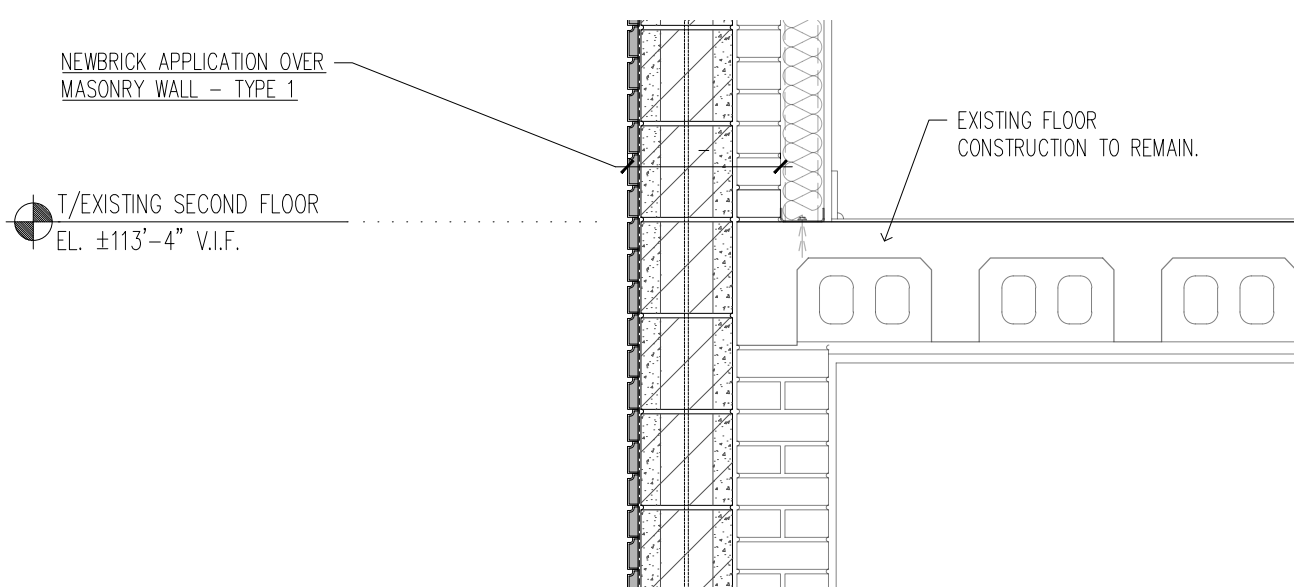
Project No.: 23010 Date: 5/2/2024
Drawn By: SRB, AM Checked By: RBM

A6-5

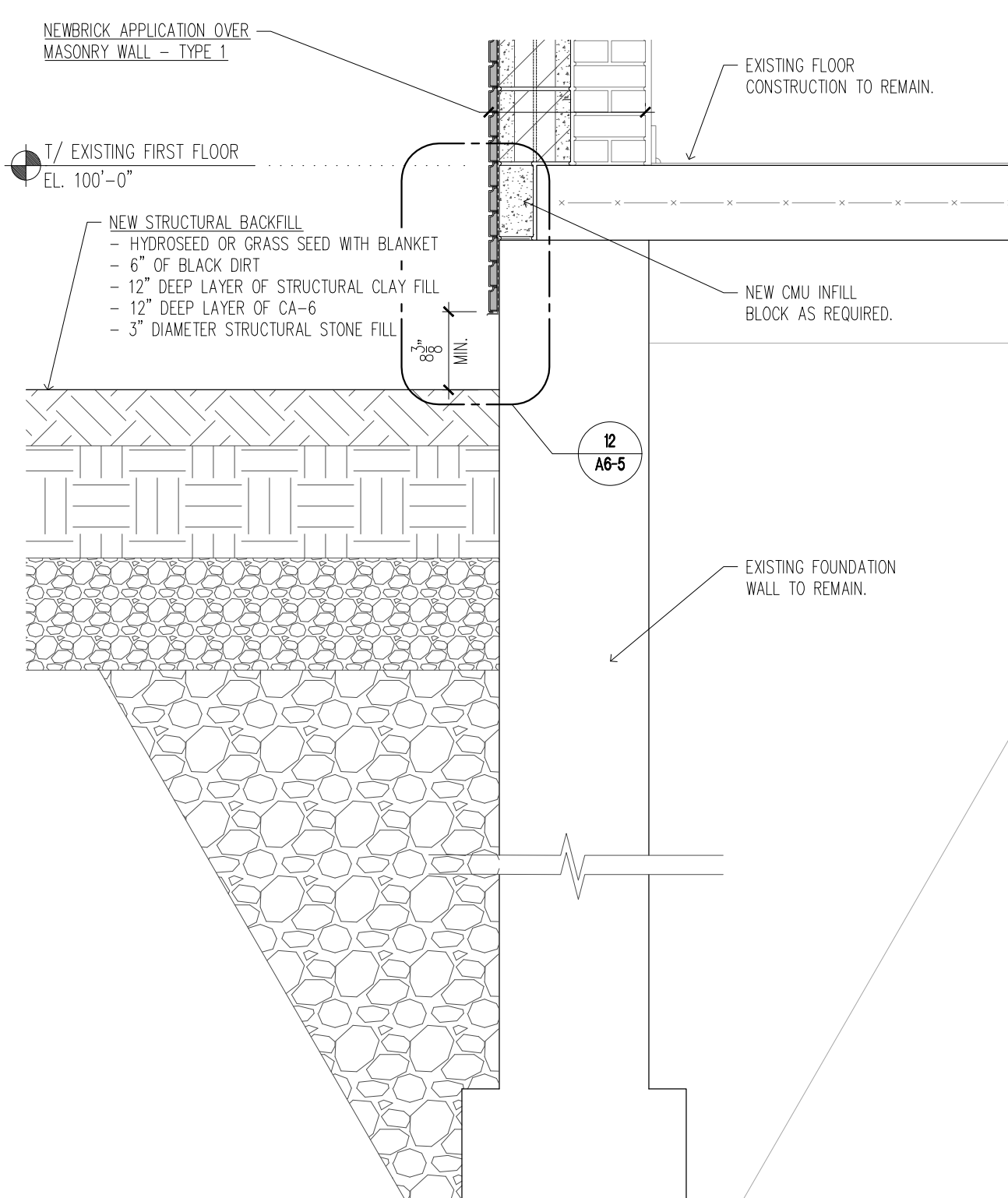
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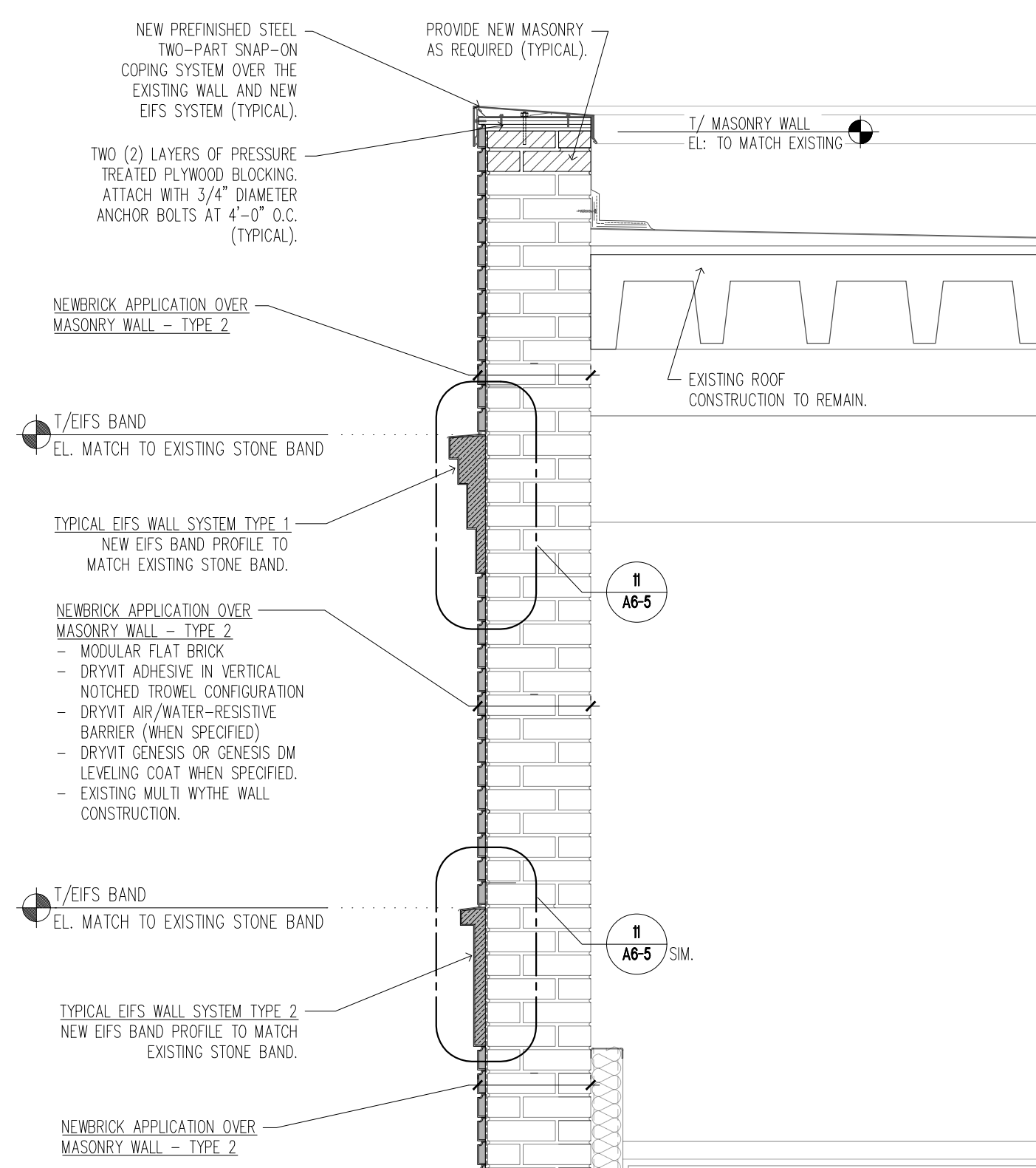
1 NEW WALL SECTION - DETAIL
A6-5 SCALE: 3/4" = 1'-0"



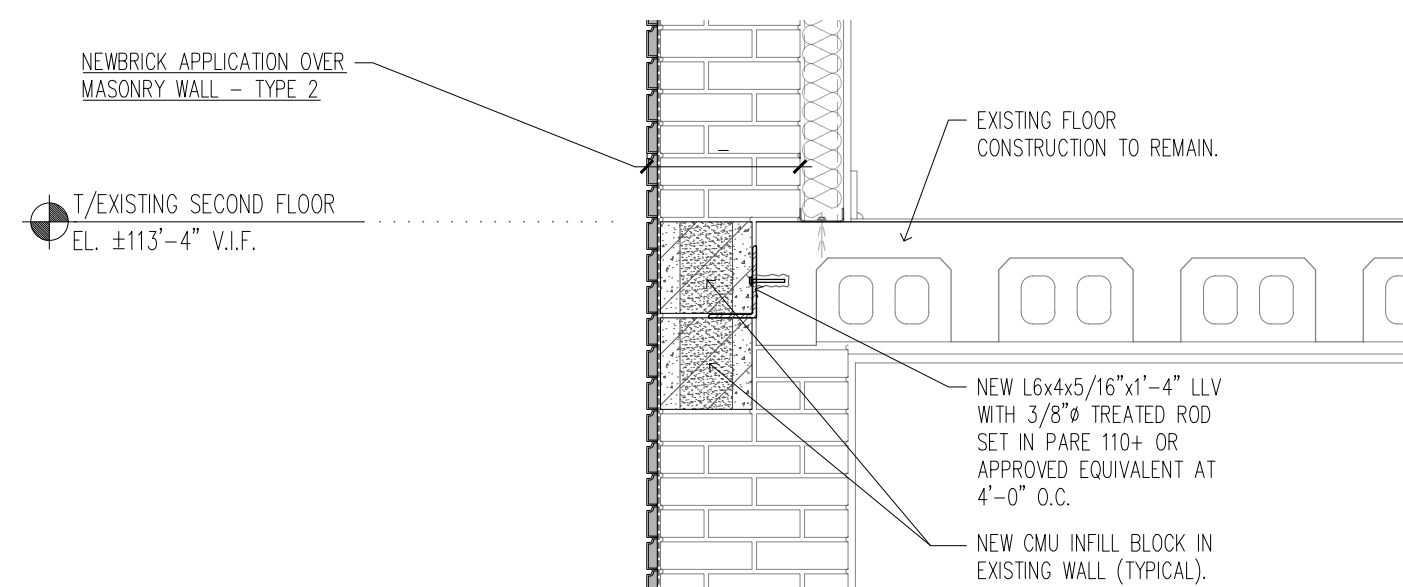
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A6-5 SCALE: 3/4" = 1'-0"



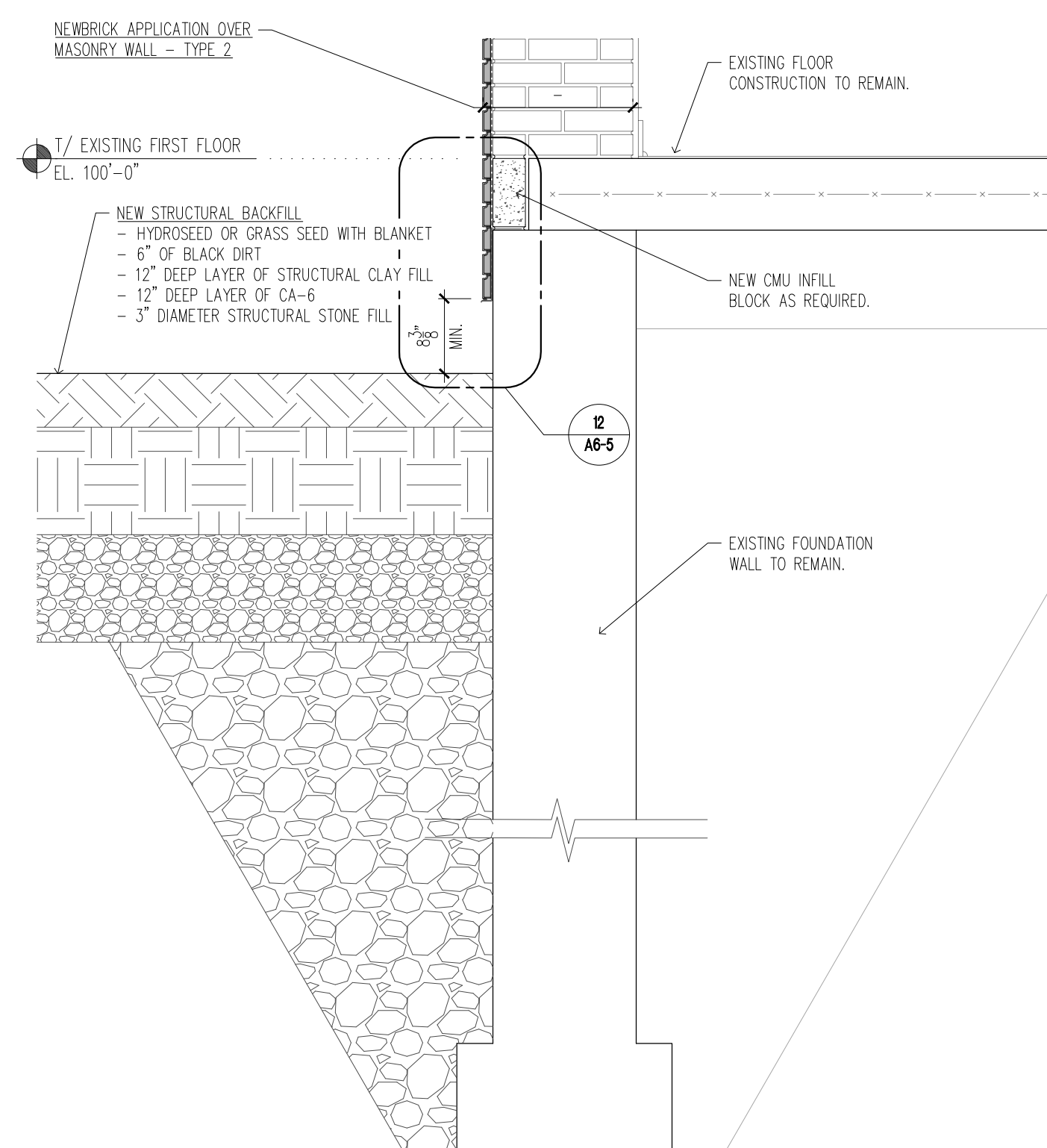
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A6-5 SCALE: 3/4" = 1'-0"



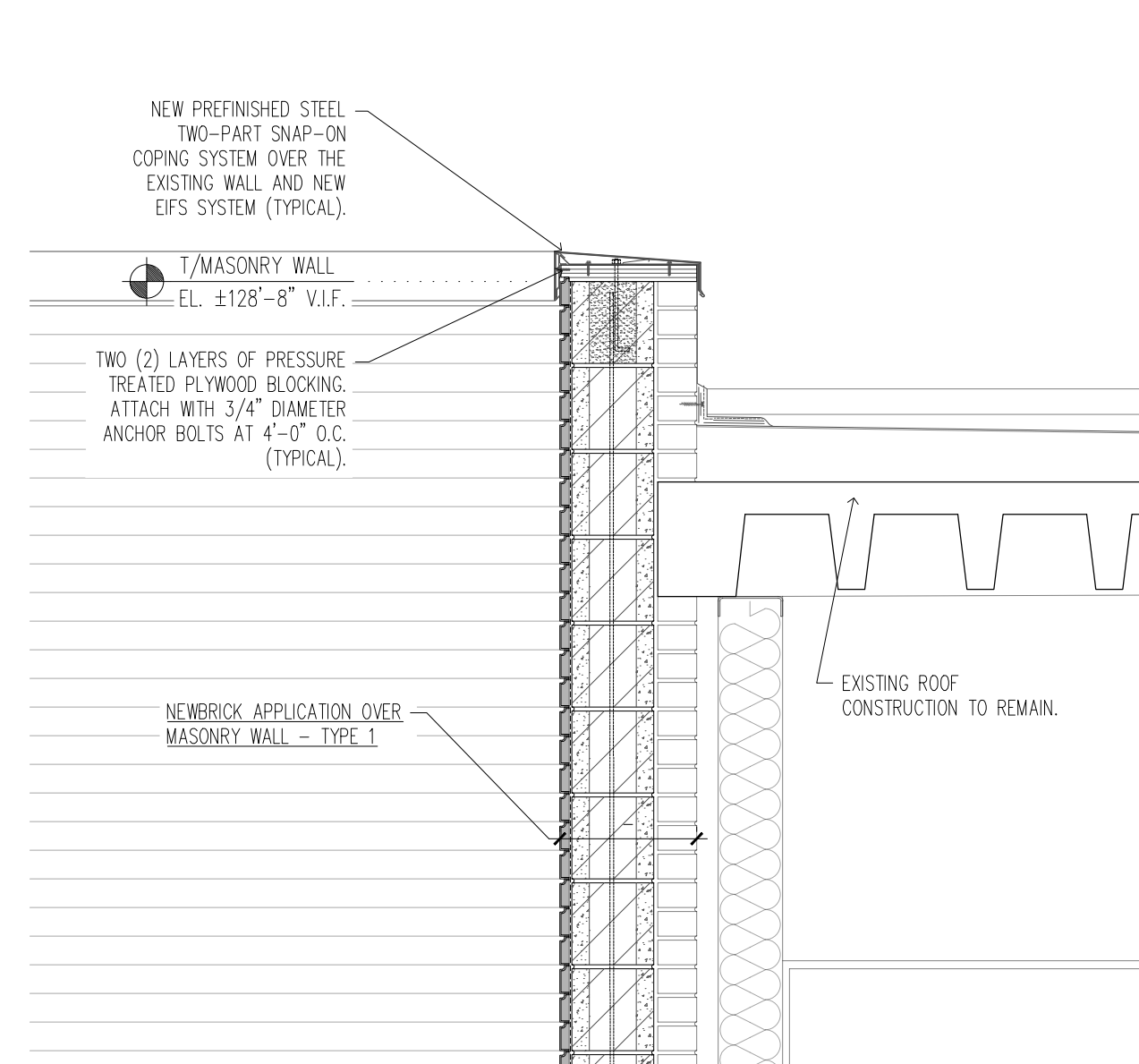
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A6-5 SCALE: 3/4" = 1'-0"



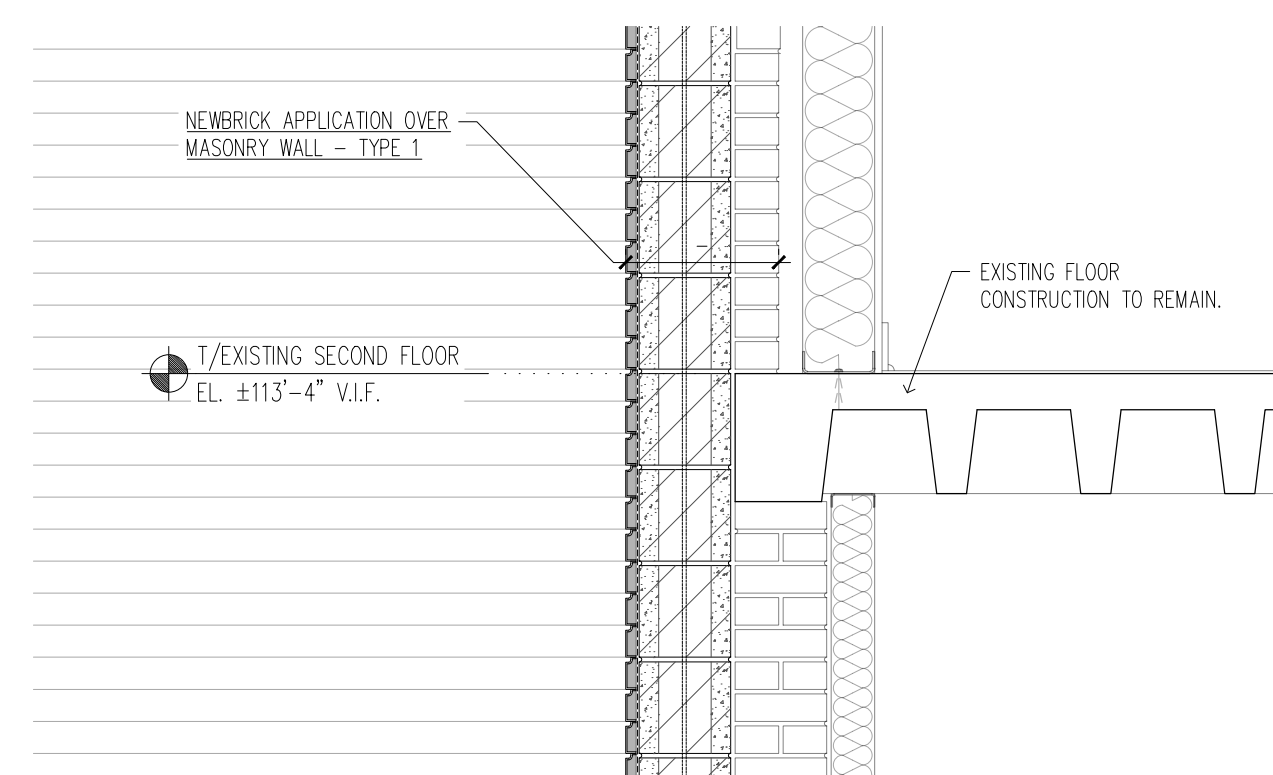
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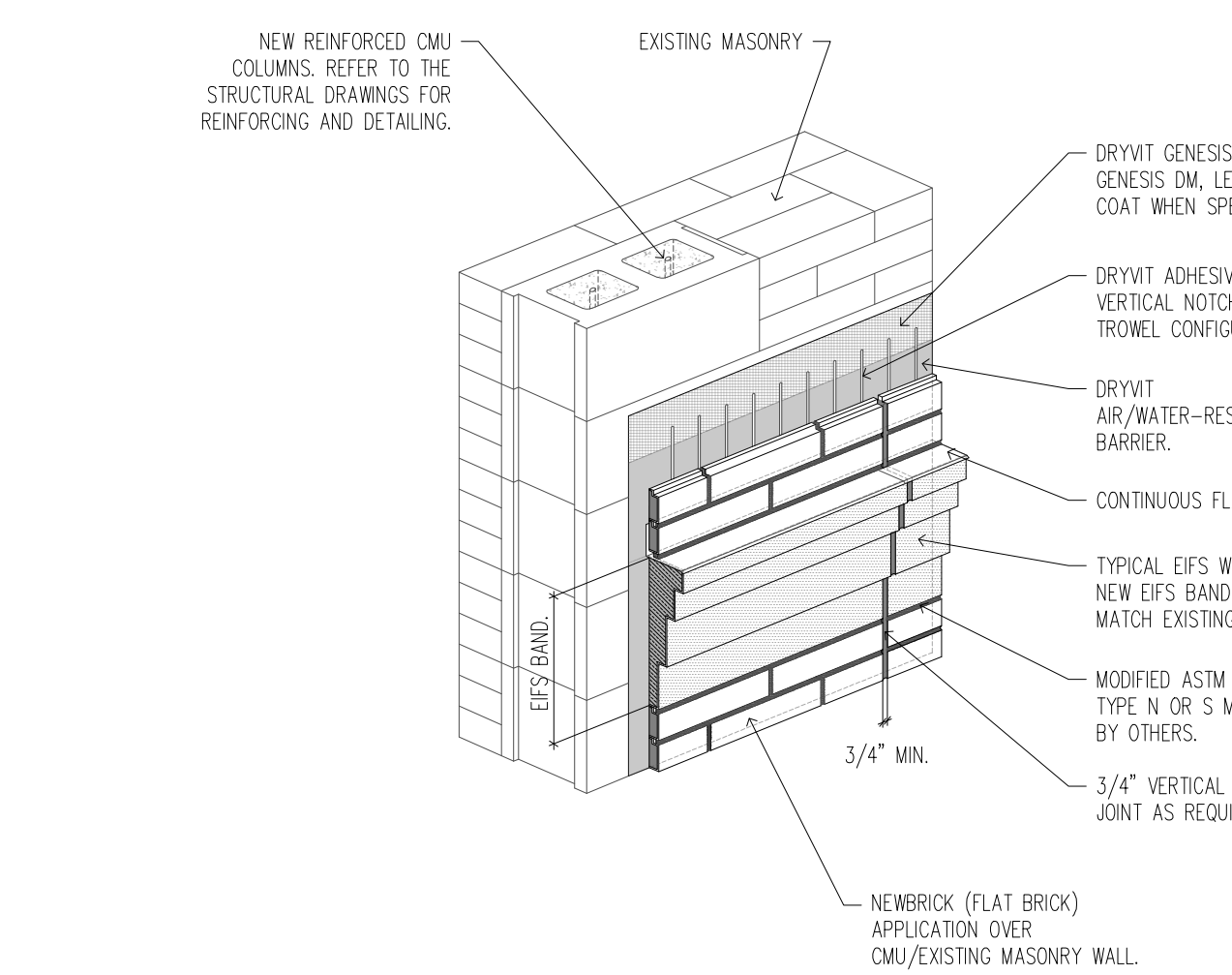
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A6-5 SCALE: 3/4" = 1'-0"



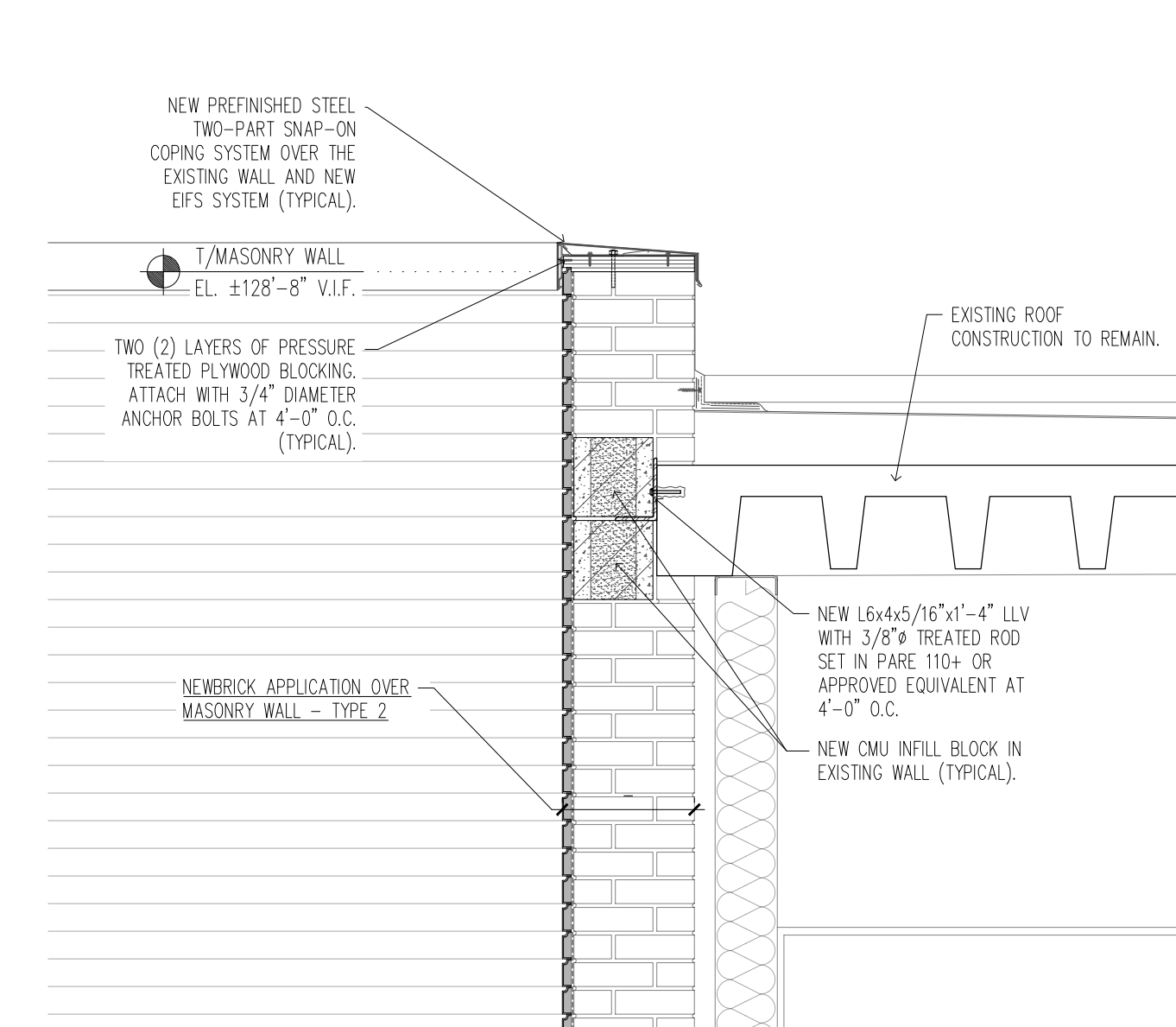
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A6-5 SCALE: 3/4" = 1'-0"



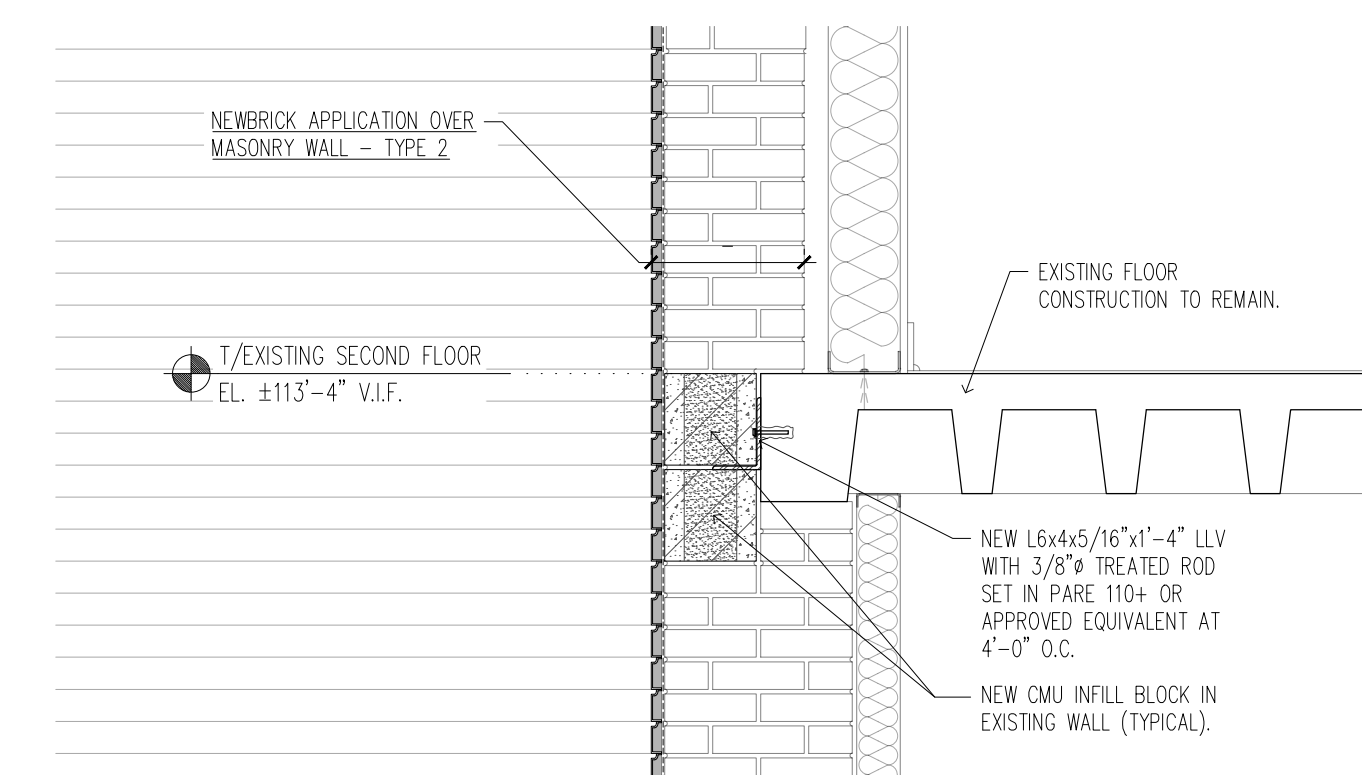
8 NEW WALL SECTION - DETAIL
A6-5 SCALE: 3/4" = 1'-0"



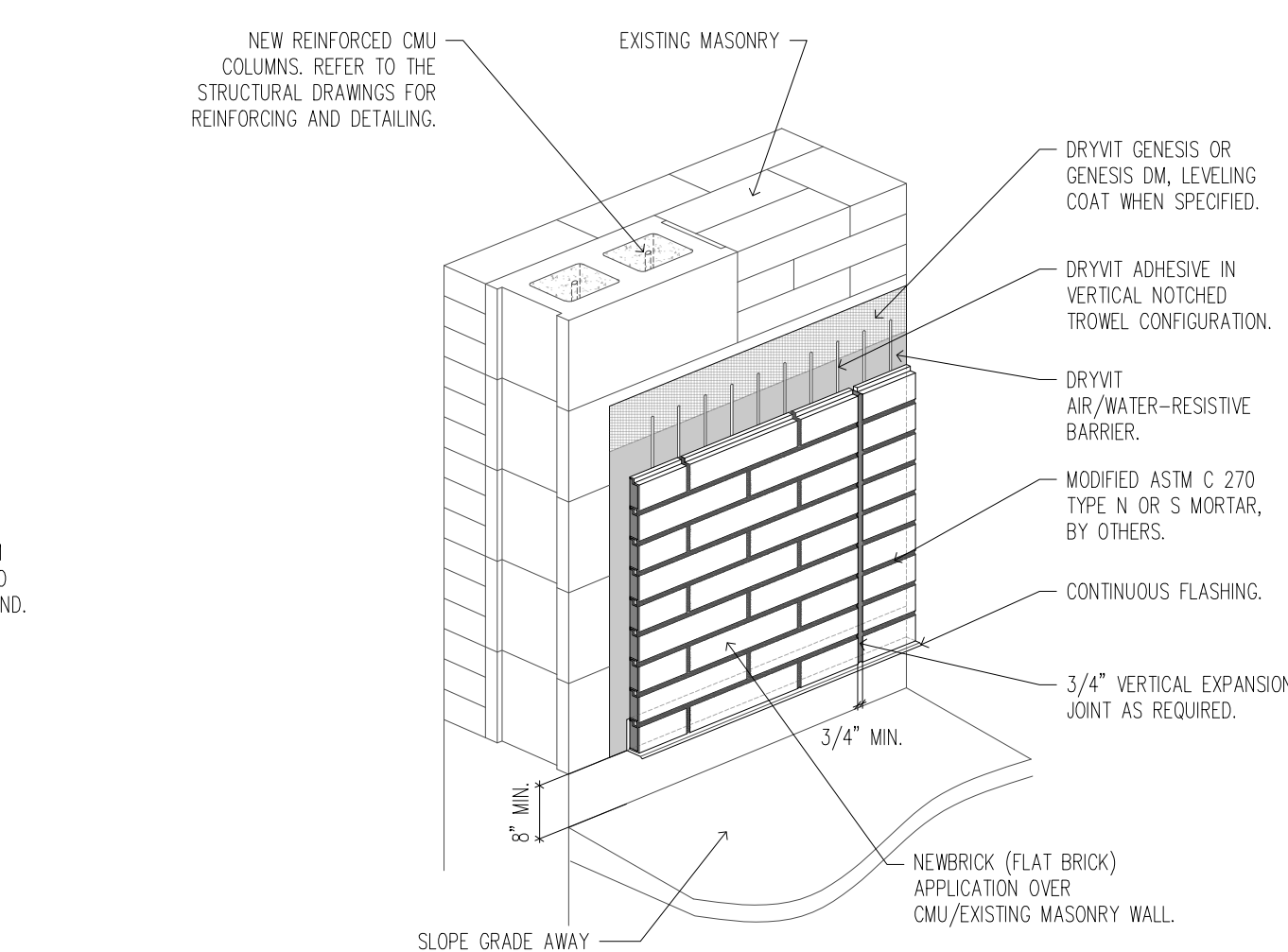
**11 TYPICAL NEWBRICK CONSTRUCTION -
TERMINATION AT EFS BAND**
A6-5 SCALE: N.T.S.



9 NEW WALL SECTION - DETAIL
A6-5 SCALE: 3/4" = 1'-0"



10 NEW WALL SECTION - DETAIL
A6-5 SCALE: 3/4" = 1'-0"



**12 TYPICAL NEWBRICK CONSTRUCTION -
GRADE TERMINATION**
A6-5 SCALE: N.T.S.

GENERAL STRUCTURAL NOTES

BUILDING CODES USED FOR DESIGN

- 1. INTERNATIONAL BUILDING CODE, 2018 EDITION

DESIGN LOADS

Table with 2 columns: Load Type and Value. Includes: 1. DESIGN LIVE LOADS: ROOFS (20 PSF), 2. ROOF SNOW: GROUND SNOW LOAD (25 PSF), FLAT-ROOF SNOW LOAD (20 PSF**), SNOW EXPOSURE FACTOR (1.0), SNOW IMPORTANCE FACTOR (1.0), THERMAL FACTOR (1.0), 3. WIND: BASIC WIND SPEED (107 MPH), WIND IMPORTANCE FACTOR (1.0), WIND EXPOSURE (C), INTERNAL PRESSURE COEFFICIENT (+/-0.18), COMPONENTS & CLADDING (ANALYSIS PER ASCE 7-16 CH. 30)

*** PLUS DRIFTING AND/OR SLIDING SNOW

NEW CONSTRUCTION

- 1. THE CONTRACTOR SHALL FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE DRAWINGS.
2. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE CONSTRUCTED TO APPLY TO ANY SIMILAR CONDITION ELSEWHERE ON THE JOB EXCEPT WHERE A DIFFERENT DETAIL OR SECTION IS SHOWN.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. WHERE DISCREPANCIES OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ARCHITECT PRIOR TO CONSTRUCTION.
4. THE STEEL FRAMING COMPONENTS SHOWN RELY ON BUILDING COMPONENTS OTHER THAN STRUCTURAL STEEL FOR FINAL STRUCTURAL STABILITY (PREVIOUSLY REFERRED TO AS A NON-SELF-SUPPORTING STEEL FRAME BY THE AISC "CODE OF STANDARD PRACTICE"). THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PROVISION OF ANY AND ALL TEMPORARY BRACING AND SHORING AGAINST WIND, ERECTION AND ALL CONSTRUCTION LOADS UNTIL ALL ELEMENTS, MEMBERS AND CONNECTIONS (FLOORS, ROOF, SHEAR WALLS, ETC.), AS SHOWN ON THE CONTRACT DOCUMENTS ARE COMPLETELY INSTALLED. THE STRUCTURAL MEMBERS SHOWN ON THE CONTRACT DOCUMENTS ARE DESIGNED FOR THE ANTICIPATED LOADS THAT THE STRUCTURE WILL BE SUBJECTED TO ONLY AFTER ALL STRUCTURAL ELEMENTS ARE IN PLACE AND FINAL CONNECTIONS ARE COMPLETE.
5. THE GENERAL CONTRACTOR SHALL VERIFY ALL OPENING SIZES, PAD SIZES AND LOCATIONS WITH THE RESPECTIVE CONTRACTORS.

NEW WORK IN CONJUNCTION WITH EXISTING CONSTRUCTION

- 1. THE CONTRACTOR SHALL VERIFY, BY FIELD CHECK, ALL SIZES, DIMENSIONS, ELEVATIONS, LOCATIONS, ETC. OF ELEMENTS OF THE EXISTING CONSTRUCTION WHICH ARE RELATIVE TO THE NEW CONSTRUCTION.
2. ALL DIMENSIONS INVOLVING NEW WORK TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION SHALL BE FIELD CHECKED BY THE CONTRACTOR AND FURNISHED TO THE SUBCONTRACTOR, PRIOR TO FABRICATION OF ANY WORK. THE VERIFIED DIMENSIONS SHALL APPEAR AND BE NOTED AS SUCH ON THE FIRST SHOP DRAWING SUBMITTED.
3. THE ENGINEER HAS MADE ASSUMPTIONS CONCERNING THE SOUNDNESS OF THE EXISTING BUILDING AND THESE ASSUMPTIONS ARE THAT THIS BUILDING WAS DESIGNED AND CONSTRUCTED IN CONFORMITY WITH GOOD DESIGN AND CONSTRUCTION PRACTICES. THE CONTRACTOR SHALL TAKE EXTRAORDINARY PRECAUTIONS CONCERNING PRESERVATION OF THE BUILDING DURING DEMOLITION AND NEW CONSTRUCTION WORK. FURTHER, HE SHALL AGREE TO ASSUME ALL RESPONSIBILITY FOR THE PRESERVATION OF THIS PROPERTY.
4. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS.
5. ALL HOLES THROUGH EXISTING CONSTRUCTION SHALL BE CORE DRILLED OR SAW CUT.

LINTEL NOTES

- 1. LOOSE LINTELS FOR NON-LOAD BEARING WALLS SHALL HAVE A MINIMUM END BEARING OF 8" AND SHALL BE THE FOLLOWING SIZES, UNLESS NOTED OTHERWISE (LINTEL SIZES GIVEN ARE FOR NEW MASONRY CONSTRUCTION ONLY; SPANS NOTED ARE CLEAR SPANS):
6" WALLS:
UP TO 4'-0" SPAN 2-13 1/2"x2 1/2"x 5/16 LLV
4'-0" TO 6'-4" SPAN 2-13 1/2"x2 1/2"x 5/8 LLV
TYPICAL WALLS (1-L FOR EACH 4" OF WALL THICKNESS):
UP TO 4'-0" SPAN 13 1/2"x3 1/2"x 5/16
OVER 4'-0" TO 6'-0" 15x3 1/2"x 5/8 LLV
OVER 6'-0" TO 8'-0" 16x3 1/2"x 5/8 LLV
OVER 8'-0" TO 12'-0" 18x18 + 3/16 R ON BOTTOM (R TO BE 1/2" LESS THAN WALL WIDTH)

- 2. PLATES ON LINTELS SHALL BE SHOP WELDED TO MEMBER W/ 1/4"x2" FILLET WELDS AT 12" O.C. STAGGERED.
3. WELD TOGETHER ALL BACK-TO-BACK ANGLES.
4. CONTRACTOR SHALL COORDINATE ALL REQUIRED OPENINGS IN NON-LOAD BEARING MASONRY WALLS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

STRUCTURAL STEEL

- 1. FABRICATION AND ERECTION OF STRUCTURAL STEEL MEMBERS SHALL BE IN ACCORDANCE WITH THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AS INDICATED IN THE FOURTEENTH EDITION OF THE "MANUAL OF STEEL CONSTRUCTION" FOR ALLOWABLE STRENGTH DESIGN UNLESS NOTED OTHERWISE.
2. ALL CONNECTIONS SHALL BE BOLTED OR WELDED AND SHALL BE DESIGNED FOR THE SERVICE-LOAD END REACTIONS INDICATED ON PLANS, OR IF NOT INDICATED, SHALL BE DESIGNED TO DEVELOP 60% OF THE ALLOWABLE UNIFORM LOAD TABULATED IN THE FOURTEENTH EDITION OF THE AISC "MANUAL OF STEEL CONSTRUCTION" FOR ALLOWABLE STRENGTH DESIGN, UNLESS NOTED OTHERWISE. NUMBER OF BOLTS MUST SATISFY MINIMUM REQUIREMENTS AS FOLLOWS: 2 BOLTS PER CONNECTION FOR 8" AND 10" DEEP MEMBERS, 3 FOR 12" AND 14" DEEP MEMBERS, 4 FOR 16" AND 18" DEEP MEMBERS, 5 FOR 21" AND 24" DEEP MEMBERS, AND 6 FOR 27" AND DEEPER MEMBERS. PROVIDE SIGNED AND SEALED CALCULATIONS BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT FOR ALL STEEL CONNECTIONS.
3. ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING STANDARDS:
STEEL WIDE FLANGES ASTM A992
STEEL ANGLES, CHANNELS AND PLATES ASTM A36
STEEL ASTM A53, GRADE B OR ASTM A501
STEEL TUBE ASTM A500, GRADE B OR C
4. ALL FILLER METAL USED IN WELDING SHALL BE 70 KSI YIELD, LOW-HYDROGEN.
5. ALL WELDING SHALL BE BY CERTIFIED WELDERS AND SHALL CONFORM TO THE "STRUCTURAL WELDING CODE", AWS D1.1 AND MEET AISC MINIMUM REQUIREMENTS FOR WELD SIZE.
6. FIELD CONNECTIONS ARE TO BE BOLTED AND INSTALLED IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS". USE MIN 3/4" DIAMETER HIGH STRENGTH BOLTS AND NUTS, ASTM F3125 A325-GRADE UNLESS NOTED OTHERWISE. CONNECTIONS SHALL BE ST TYPE EXCEPT WHERE PT OR SC TYPE CONNECTIONS ARE SPECIFICALLY NOTED. WHERE SC TYPE CONNECTIONS ARE NOTED PROVIDED CLASS A FAYING SURFACES, WITH SLIP CHECKED AT SERVICE LEVEL.
7. STEEL COLUMN BASE PLATES SHALL BE SIZE SHOWN ON PLAN WITH 3/4" DIAMETER ANCHOR RODS (F1554, GR 36) LINO AND 3/4" NON-METALLIC, NON-SHRINK GROUT FOR UNIFORM BEARING.
8. UNLESS NOTED OTHERWISE, STRUCTURAL STEEL SUPPLIER IS TO FURNISH 15x3 1/2"x 5/16 LLV SHOP WELDED ANGLE FRAMES AT ALL ROOF OPENINGS. VERIFY SIZE AND LOCATION WITH MECHANICAL (M/E/P/FP) CONTRACTOR. NOT ALL OPENINGS REQUIRING FRAMES SHOWN ON DRAWINGS. NO EXTRAS FOR ADDITIONAL FRAMES WILL BE APPROVED DUE TO FAILURE OF GC TO COORDINATE BETWEEN TRADES.
9. ALL PLATES USED IN BOLTED CONNECTIONS SHALL HAVE ROLLED OR GAS CUT EDGES.
10. ALL STRUCTURAL STEEL AND MISCELLANEOUS METALS SHALL BE PRIME PAINTED WITH ONE COAT OF FABRICATOR'S STANDARD RUST-INHIBITIVE PRIMER OR AS INDICATED IN THE PROJECT SPECIFICATION. TOUCH UP ALL DISTURBED AREAS AFTER ERECTION. STEEL TO BE FIREPROOFED SHALL RECEIVE PAINT/FINISH PROCESS COMPATIBLE WITH FIREPROOFING.

REINFORCED MASONRY

- 1. ALL MASONRY SHALL CONFORM TO TMS 402-16, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND TMS 602-16 "SPECIFICATION FOR MASONRY STRUCTURES."
2. ALL LOAD BEARING ASTM C90 CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI OR PROVIDE F'm GREATER THAN OR EQUAL TO 1700 PSI BY THE PRISM STRENGTH TEST METHOD.
3. GROUT FOR VERTICALLY REINFORCED MASONRY WALLS AND BOND BEAMS SHALL CONSIST OF 1 PORTLAND CEMENT: 2 1/2 FINE AGGREGATE: 2 PEA GRAVEL: F'c = 2500 PSI @ 28 DAYS. GROUT SLUMP SHALL BE 9"-10"
4. ALL MASONRY WALLS SHALL HAVE HORIZONTAL JOINT REINFORCING CONSISTING OF TWO OR MORE GALVANIZED STANDARD WEIGHT 9 GA LONGITUDINAL WIRES CONNECTED WITH CROSS WIRES FORMING A TRUSS OR LADDER CONFIGURATION. ALL REINFORCING SHALL BE LOCATED EVERY SECOND COURSE AND WITHIN 16" OF TOP AND BOTTOM OF WALL. PROVIDE ADDITIONAL HORIZONTAL JOINT REINFORCING ABOVE AND BELOW ALL OPENINGS, AND EXTEND 24" MINIMUM BEYOND SIDES OF OPENINGS.
5. SUPPLY VERTICAL REINFORCING IN MINIMUM 4'-0" PLUS 48 BAR DIAMETER LAP LENGTHS.
6. DOWELS SHALL MATCH SIZE AND NUMBER OF VERTICAL WALL REINFORCING UNLESS NOTED OTHERWISE. HOOK INTO FOUNDATION 1'-0" MIN. AND LAP 48 BAR DIAMETER WITH MAIN STEEL.
7. WALL CONSTRUCTION LIFTS FOR REINFORCING BARS AND INSULATION FILL SHALL BE PER TMS 402.
8. TYPE "N" MORTAR REQUIRED FOR ALL WALLS UNLESS NOTED OTHERWISE.
9. SEE ARCHITECTURAL PLANS FOR LOCATION AND DETAIL OF CONTROL JOINTS AND EXPANSION JOINTS. REINFORCED WALLS SHALL HAVE THE FIRST VERTICAL BAR AND DOWEL WITHIN 8" OF JOINT ON EACH SIDE OF JOINT.
10. ALL STEEL BEAMS BEARING ON MASONRY WALLS SHALL HAVE 3 COURSES MINIMUM FILLED WITH GROUT DIRECTLY BELOW THE BEARING POINT EXCEPT AS NOTED ON PLAN.
11. BOND BEAMS 6" OR SMALLER USE 1-#5 CONT., BOND BEAMS 8" OR LARGER USE 2-#5 CONT., UNLESS NOTED OTHERWISE.
12. MASONRY WALLS ARE DESIGNED FOR IN PLACE LOADS. MASONRY CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY BRACING OF WALLS UNTIL ALL CONNECTIONS ARE COMPLETE AND MORTAR AND GROUT HAVE CURED. NOTE THAT INTERIOR WALLS ARE NOT DESIGNED FOR EXTERIOR WIND LOADS SO CARE SHOULD BE TAKEN TO ADEQUATELY BRACE WALL FOR EXTERIOR WIND LOADS DURING CONSTRUCTION.

CONCRETE

- 1. ALL CONCRETE WORK INCLUDING FORMING, REINFORCING, MIXING, PLACING AND CURING SHALL BE IN ACCORDANCE WITH THE ACI MANUAL OF CONCRETE PRACTICE INCLUDING "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318 AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE," ACI 301.
2. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN: SUBMIT CONCRETE MIX DESIGN FOR EACH TYPE AND STRENGTH OF CONCRETE DETERMINED BY EITHER LABORATORY TRIAL MIX OR FIELD TEST DATA IN ACCORDANCE WITH ACI 211.1 AND ACI 301. SUBMIT MIX DESIGN AT LEAST 15 DAYS PRIOR TO FIRST POUR. ACQUIRE CEMENT FROM SAME SOURCE AND AGGREGATE FROM SAME SOURCE FOR ENTIRE PROJECT.
3. FOLLOW RECOMMENDATIONS OF ACI 308R WHEN CONCRETING DURING HOT WEATHER OR ACI 306R WHEN CONCRETING DURING COLD WEATHER.
4. ALL CONCRETE SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AS SPECIFIED AT 28 DAYS. CONCRETE SHALL BE VIBRATED INTO FORMS WHILE PLACING, WITHOUT OVER-VIBRATING. REINFORCING SHALL BE PROTECTED BY CONCRETE OF THICKNESS AS FOLLOWS:
OTHER FOUNDATION 2" BOTH FACES
EXPOSED EXTERIOR CONCRETE 2"
SLAB ON GRADE 1/3 FROM TOP
5. CONCRETE MATERIALS SHALL BE AS FOLLOWS:
CEMENT PER ASTM C 150, NORMAL PORTLAND TYPE 1 OR PORTLAND LESTONE CEMENT (PLC) PER ASTM C595 TYPE II, EXCEPT AS NOTED. (EXCEPTION: PLC IS NOT PERMITTED IN STATES WITH DEPARTMENTS OF TRANSPORTATION THAT HAVE NOT APPROVED THE USE OF PLC). FINE AND COARSE AGGREGATES PER ASTM C 33. FLY ASH CLASS C OR F PER ASTM C 618. WATER SHALL BE CLEAN AND NOT DETRIMENTAL TO CONCRETE. ADMIXTURES OTHER THAN AIR ENTRAINMENT AND WATER REDUCING ARE NOT PERMITTED WITHOUT APPROVAL BY THE ARCHITECT AND ENGINEER. AIR ENTRAINMENT ADMIXTURE SHALL BE PER ASTM C 260 AND WATER REDUCER SHALL BE TYPE A PER ASTM C 494.
6. CONCRETE MIX DESIGN:
CONCRETE FOR FOOTINGS AND FOUNDATIONS WALLS:
A. COMPRESSIVE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM C 39/C 39M AT 28 DAYS: 4000 PSI.
B. CONCRETE WEIGHT: NORMAL (144 LBS. PER CUBIC FOOT)
C. FLY ASH CONTENT: MAXIMUM 15 PERCENT OF CEMENTITIOUS MATERIALS BY WEIGHT.
D. CEMENT CONTENT: MINIMUM 611 LB PER CUBIC YARD.
E. WATER-CEMENT RATIO: MAXIMUM 55 PERCENT BY WEIGHT.
F. TOTAL AIR CONTENT: 3 PERCENT NATURALLY OCCURRING, PER ASTM C 173.
G. MAXIMUM SLUMP: 3 INCHES PLUS OR MINUS 1 INCH.
H. MAXIMUM AGGREGATE SIZE: 1 INCH.
I. WATER REDUCING AGENT REQUIRED.
CONCRETE FOR SLABS ON GRADE:
J. COMPRESSIVE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM C 39/C 39M AT 28 DAYS: 4000 PSI.
K. CONCRETE WEIGHT: NORMAL (144 LBS. PER CUBIC FOOT)
L. CEMENTITIOUS CONTENT: MAXIMUM 624 LB PER CUBIC YARD.
M. WATER-CEMENT RATIO: MAXIMUM 44 PERCENT BY WEIGHT.
N. TOTAL AIR CONTENT: MAXIMUM 3 PERCENT NATURALLY OCCURRING, PER ASTM C 173.
O. IF AIR ENTRAINMENT IS ADDED FOR WORKABILITY, WATER-CEMENT RATIO SHALL BE REDUCED TO 40 PERCENT BY WEIGHT.
P. FLY ASH CONTENT: MAXIMUM 15 PERCENT OF CEMENTITIOUS MATERIALS BY WEIGHT.
Q. MAXIMUM SLUMP: 3 INCHES PLUS OR MINUS 1 INCH.
R. MAXIMUM AGGREGATE SIZE: 1-1/2 INCH. COMBINED AGGREGATE SHALL BE WELL GRADED AND SHALL CONTAIN SIZES UP TO AND INCLUDING 1-1/2 INCH.
S. WATER REDUCING AGENT REQUIRED.
T. 4 LB/CY MACRO-FIBER REINFORCEMENT.
7. PLACING CONCRETE:
PLACE CONCRETE IN ACCORDANCE WITH ACI 304R. DO NOT ADD WATER TO CONCRETE DURING TRANSPORT, DELIVERY, AT PROJECT SITE, OR DURING PLACEMENT UNLESS APPROVED BY ARCHITECT. PLACE CONCRETE IN A CONTINUOUS OPERATION AND WITHOUT SEGREGATION. ENSURE REINFORCEMENT, INSERTS, WATERSTOPS, EMBEDDED PARTS, AND FORMED CONSTRUCTION JOINT DEVICES WILL NOT BE DISTURBED DURING CONCRETE PLACEMENT. SEPARATE SLABS ON GRADE FROM VERTICAL SURFACES WITH JOINT FILLER. SLABS ON GRADE SHALL BE PLACED IN CONTINUOUS STRIPS AS PER ACI RECOMMENDATIONS. THE MAXIMUM POUR AREA SHALL NOT EXCEED 3600 SQUARE FEET. ALLOW 24 HOURS TO ELAPSE BETWEEN THE PLACEMENT OF ADJACENT STRIPS. POUR IN ALTERNATING STRIP PATTERN SO THAT NO TWO ADJOINING SLABS ARE POURED THE SAME DAY. MAINTAIN RECORDS OF CONCRETE PLACEMENT. RECORD DATE, LOCATION, QUANTITY, AIR TEMPERATURE, AND TEST SAMPLES TAKEN. SAW CUT JOINTS WITHIN 24 HOURS AFTER PLACING. USE 3/16 INCH THICK BLADE, CUT INTO 1/4 DEPTH OF SLAB THICKNESS. IF NO SPACING OF JOINTS IS INDICATED ON DRAWINGS, PLACE JOINTS AT A MAXIMUM SPACING OF 15 FEET IN EACH DIRECTION.
8. COORDINATE CONCRETE WORK WITH THAT OF OTHER TRADES TO ALLOW FOR SETTING OF SLEEVES, ACCESSORIES, ETC.
9. ALL ANCHOR RODS SHALL BE IN PLACE PRIOR TO POURING OF CONCRETE.
10. CURING AND PROTECTION:
COMPLY WITH REQUIREMENTS OF ACI 308 UNLESS EXCEEDED HEREIN. IMMEDIATELY AFTER PLACEMENT, PROTECT CONCRETE FROM PREMATURE DRYING, EXCESSIVELY HOT OR COLD TEMPERATURES, AND MECHANICAL INJURY.
CONCRETE SLAB CURING:
1. WET CURE ALL CONCRETE SLABS FOR A MINIMUM OF 7 DAYS. COMPLETELY COVER POUR AREA WITH MOISTURE RETAINING COVER AND PROTECT AGAINST MOVEMENT. KEEP MOISTURE RETAINING COVER CONTINUOUSLY MOIST FOR FULL 7 DAY PERIOD. DO NOT PERMIT LOADING OR PARTIAL LOADING CAUSED BY VEHICLE TRAFFIC OR MATERIAL PLACEMENT DURING THIS CURING PERIOD.

- 2. IN NO CASE SHALL LIQUID CURING COMPOUND BE USED WHERE COMPOUND MAY BE INCOMPATIBLE WITH FLOOR FINISH MATERIALS.
11. FIELD QUALITY CONTROL:
AN INDEPENDENT TESTING AGENCY WILL PERFORM FIELD QUALITY CONTROL TESTS. PROVIDE FREE ACCESS TO CONCRETE OPERATIONS AT PROJECT SITE AND COOPERATE WITH APPOINTED FIRM. CONTRACTOR MUST PROVIDE MINIMUM 48 HOURS NOTICE TO TESTING AGENCY AND ARCHITECT PRIOR TO ALL CONCRETE POURS. FOR EACH TEST, MOLD AND CURE THREE CONCRETE TEST CYLINDERS. OBTAIN TEST SAMPLES FOR EVERY 50 CU YD OR LESS OF EACH CLASS OF CONCRETE PLACED. OBTAIN REPRESENTATIVE SAMPLES OF FRESH CONCRETE IN ACCORDANCE WITH ASTM C 172. PERFORM COMPRESSION STRENGTH TESTS PER ASTM C 39/C 39M. BREAK ONE CYLINDER AT 7 DAYS AND TWO CYLINDERS AT 28 DAYS. TAKE ONE ADDITIONAL TEST CYLINDER DURING COLD WEATHER CONCRETING, CURED ON JOB SITE UNDER SAME CONDITIONS AS CONCRETE IT REPRESENTS. RECORD AMBIENT TEMPERATURE AT TIME OF CONCRETE SAMPLING.
12. ALL EXTERIOR EXPOSED CONCRETE TO HAVE 6%, PLUS 1% OR MINUS 1.5% ENTRAINED AIR.

STRUCTURAL ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes: AB ANCHOR BOLT, ADDL ADDITIONAL, ADJ ADJACENT, AFF ABOVE FINISH FLOOR, AHU AIR HANDLING UNIT, ALUM ALUMINUM, ALT ALTERNATE, APPROX APPROXIMATE(LY), ARCH ARCHITECT/ARCHITECTURAL, B/B BACK TO BACK, BL BRICK LEDGE, BLDG BUILDING, BM BEAM, BOS BOTTOM OF STEEL, BOT BOTTOM, BRG BEARING, BRDG BRIDGING, BSMT BASEMENT, BS BOTH SIDES, C COMPRESSION, CA CAISSON, CH CHANNEL, CIP CAST-IN-PLACE CONCRETE, CJ CONTRACTION/CONSTRUCTION JOINT, CL CENTER LINE, CLG CELING, CLR CLEAR, CM CONSTRUCTION MANAGER, CMU CONCRETE MASONRY UNIT, COL COLUMN, CONC CONCRETE, CONF CONFERENCE, CONN CONNECTION, CONST CONSTRUCTION, CONT CONTINUE (D) (OUS), CONTR CONTRACTOR, COORD COORDINATE, CTR CENTER, DBA DEFORMED BAR ANCHOR, DBL DOUBLE, DEMO DEMOLITION, DET DETAIL, DIA DIAMETER, DIAG DIAGONAL, DIM DIMENSION (S), DL DEAD LOAD, DP DRILLED PIER, DWG DRAWING, DWL DOWEL, E MODULUS OF ELASTICITY, EA EACH, ECC ECCENTRICITY, EF EACH FACE, EJ EXPANSION JOINT, EL ELEVATION, EOR ENGINEER OF RECORD, EOS EDGE OF SLAB, EQ EQUAL, EQUIV EQUIVALENT, EQUIP EQUIPMENT, EW EACH WAY, EWEF EACH WAY EACH FACE, EXC EXCAVATE, EXIST EXISTING, EXP EXPANSION, EXP BT EXPANSION BOLT, EXT EXTERIOR, F/F FACE TO FACE, FAB FABRICATOR, FD FLOOR DRAIN, FDTN FOUNDATION, FIN FLR FINISHED FLOOR, FLR FLOOR, FOC FACE OF CONCRETE, FOW FACE OF WALL, FP FIREPROOFING, FS FAR SIDE, FSTNR FASTENER, FT, FEET OR FOOT, FTG FOOTING, GA GAUGE, GALV GALVANIZED, GR BM GRADE BEAM, GC GENERAL CONTRACTOR, GEN GENERAL, GL GLUE LAMINATE TIMBER, GR GRADE, GRG GRATING, GYP GYPSUM, HORIZ HORIZONTAL, HK HOOK, HS HEADED STUD, HT HEIGHT, I MOMENT OF INERTIA, IBC INTERNATIONAL BUILDING CODE, ID INSIDE DIAMETER, IN, " INCH OR INCHES, INCL INCLUDE, INFO INFORMATION, IN-LB INCH POUND, INSUL INSULATION, INT INTERIOR, JF JOINT FILLER

Table with 2 columns: Abbreviation and Full Name. Includes: JST JOIST, JT JOINT, K KIP (OR 1000 POUNDS), KLF KIPS PER LINEAR FOOT, L ANGLE, LATL LATERAL, LB, # POUNDS, LF LINEAR FOOT, LH LEFT HAND, LL LIVE LOAD, LLH LONG LEG HORIZONTAL, LLV LONG LEG VERTICAL, LT GA LIGHT GAUGE, LT WT LIGHT WEIGHT, LSH LONG SIDE HORIZONTAL, LSV LONG SIDE VERTICAL, LVL LAMINATED VENEER LUMBER, M MOMENT, MATL MATERIAL, MAU MAKE-UP AIR UNIT, MAX MAXIMUM, MECH MECHANICAL, MEP MECHANICAL ELECTRICAL PLUMBING, MEZZ MEZZANINE, MFR MANUFACTURER, MFR REC MANUFACTURER'S RECOMMENDATIONS, MIN MINIMUM, MISC MISCELLANEOUS, MO MASONRY OPENING, MP METAL PANEL, MTL METAL, NA NOT APPLICABLE, NIC NOT IN CONTRACT, NO, # NUMBER, NOM NOMINAL, NS NEAR SIDE, NTS NOT TO SCALE, NWC NORMAL WEIGHT CONCRETE, OC ON CENTER, OD OUTSIDE DIAMETER, OH OPPOSITE HAND, OPNG OPENING, OPP OPPOSITE, PC PRECAST CONCRETE, PCC PVC, PCF POUNDS PER CUBIC FOOT, PL PLATE, PLF POUNDS PER LINEAR FOOT, PLYWD PLYWOOD, PREFAB PREFABRICATED, PRELIM PRELIMINARY, PSF POUND PER SQUARE FOOT, PSI POUND PER SQUARE INCH, PT POST TENSIONED, QTY QUANTITY, R RADIUS, RD ROOF DRAIN, REBAR REINFORCING STEEL BAR, REF REFERENCE, REINF REINFORCE (D) (MENT), REQ REQUIRE (D), REV REVISED/REVISION, RH RIGHT HAND, RTU ROOF TOP UNIT, SCHED SCHEDULE, SECT SECTION, SF SQUARE FOOT, SHT SHEET, SIM SIMILAR, SL SNOW LOAD, SOG SLAB ON GRADE, SPA SPACES, SPEC SPECIFICATION, SST STAINLESS STEEL, STD STANDARD, STL STEEL, STRUCT STRUCTURAL, T&B TOP AND BOTTOM, T&G TONGUE AND GROVE, TOC TOP OF CONCRETE, TOF TOP OF FOOTING, TOFDIN TOP OF FOUNDATION, TOP TOP OF PLANK, TOS TOP OF SLAB, TOP OF STEEL, T TENSION, TCX TOP CHORD EXTENSION, TRENCH DRAIN, THK THICK, THRU THROUGH, TYP TYPICAL, UNO UNLESS NOTED OTHERWISE, V SHEAR, VAR VARIES, VERT VERTICAL, VIF VERIFY IN FIELD, W/ WITH, W/O WITHOUT, WD WOOD, WP WORK POINT, WS WATERSTOP, WT WEIGHT, WWR WELDED WIRE REINFORCEMENT



Participating Consultants:



Project Name:

CONSTRUCTION DOCUMENTS
NEW DEMOLITION AND STABILIZATION PROJECT
FOR THE CITY OF JOLIET AT THE JOLIET CENTRE GYMNASIUM 25 N. BROADWAY STREET JOLIET, ILLINOIS 60435

Signatures and Date lines.

The following drawings have been prepared under my direct supervision:

S0.0, S0.1, S0.2, S0.3, S0.4, S0.5, S0.0.0, S0.1.1, S0.2.0, S0.3.0, S0.4.0, S0.5.0, S1.0, S1.1, S1.2, S1.3

Drawing Title:

GENERAL STRUCTURAL NOTES AND ABBREVIATIONS

Issue/ Revision:

Table with 3 columns: No., Date, Description. Row 1: 5/2/2024, ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024

Drawn By: KPB Checked By: TGV

S0.0

TABLE 1705.3

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCED
2. REINFORCING BAR WELDING:	-	X	AWS D1.4 ACI 318: 26.6.4	-
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A 706	-	X	-	-
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	X	X	-	-
c. INSPECT ALL OTHER WELDS	-	-	-	-
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:	-	X	-	-
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a.	-	X	ACI 318: CH 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
5. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	-	-
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172, ASTM C 31, ACI 318: 26.5, 26.12	1908.10
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT OF PRESTRESSED CONCRETE FOR:	X	-	ACI 318: 26.10	-
a. APPLICATION OF PRESTRESSING FORCES.	X	-	-	-
b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-	-	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: CH 26.9	-
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(b)	-

- NOTES:
- WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
 - SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

TABLE 1705.6

REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS		
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL	X	-
5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	-	X

TABLE 1705.7

REQUIRED SPECIAL INSPECTIONS AND TESTS OF DRIVEN DEEP FOUNDATION ELEMENTS		
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
2. DETERMINE CAPACITIES OF TEST ELEMENTS AND CONDUCT ADDITIONAL LOAD TESTS AS REQUIRED	X	-
3. INSPECT DRIVING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT	X	-
4. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM TYPE AND SIZE OF HAMMER, RECORD NUMBER OF BLOWS PER FOOT OF PENETRATION, DETERMINE REQUIRED PENETRATIONS TO ACHIEVE DESIGN CAPACITY, RECORD TIP AND BUTT ELEVATIONS AND DOCUMENT ANY DAMAGE TO FOUNDATION ELEMENTS.	X	-
5. FOR STEEL ELEMENTS, PERFORM ADDITION SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.2	-	-
6. FOR CONCRETE ELEMENTS AND CONCRETE FILLED ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3	-	-
7. FOR SPECIALTY ELEMENTS PERFORM ADDITION INSPECTIONS AS DETERMINED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.	-	-

TABLE 1705.8

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS		
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
2. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	X	-
3. FOR CONCRETE ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3.	-	-

SPECIAL INSPECTION – MASONRY

MINIMUM INSPECTION					
VERIFICATION	FREQUENCY			REFERENCE FOR CRITERIA	
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 402	TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:	A				
a. PROPORTIONS OF SITE-PREPARED MORTAR	NR	P	P	ART 2.1, 2.6A, & 2.6C	
b. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	ART 2.4B & 2.4H	
c. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	ART 2.1, 2.6A	
d. PRESTRESSING TECHNIQUE	NR	P	P	ART 3.6B	
e. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	NR	C ⁽⁹⁾ /P ⁽⁹⁾	C	ART 2.1C.1	
f. SAMPLE PANEL CONSTRUCTION	NR	P	C	ART 1.6D	
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:	A				
a. GROUT SPACE	NR	P	C	ART 3.2D & 3.2F	
b. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	NR	P	P	SEC 10.8 & 10.9	
c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	NR	P	C	SEC 6.1, 6.3.1, 6.3.6 7 6.3.7	
d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	NR	P	P	ART 2.6B & 2.4G1.b	
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:	A				
a. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	NR	P	P	ART 1.5	
b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	NR	P	P	ART 3.3B	
c. SIZE AND LOCATION OF STRUCTURAL MEMBERS	NR	P	P	ART 3.3F	
d. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	NR	P	C	SEC 1.2.1(e), 6.2.1, & 6.3.1	
e. WELDING OF REINFORCEMENT	NR	C	C	SEC 6.1.6.1.2	
f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F (4.4°C)) OR HOT WEATHER (TEMPERATURE ABOVE 90°F (32.2°C))	NR	P	P	ART 1.8C & 1.8D	
g. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	NR	C	C	ART 3.6B	
h. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	NR	C	C	ART 3.5, 3.6C	
i. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	NR	C ⁽⁹⁾ /P ⁽⁹⁾	C	ART 3.3B.9 & 3.3F.1.b	
4. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	NR	P	X	ART 1.4B.2.a.3, 1.4B.2.b.3, 1.4B.3, & 1.4B.4	

- NOTES:
- FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE. NR = NOT REQUIRED, P = PERIODIC, C = CONTINUOUS
 - REQUIRED FOR THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.
 - REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL INSPECTION TASKS PRIOR TO WELDING REFERENCED STANDARD: ASC 360 2017 TABLE N5.4-1

INSPECTION TASKS PRIOR TO WELDING	QC	QA
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	0
WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	P	P
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P
MATERIAL IDENTIFICATION (TYPE/GRADE)	0	0
WELDER IDENTIFICATION SYSTEM	0	0
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) * JOINT PREPARATION * DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) * CLEANLINESS (CONDITION OF STEEL SURFACES) * TACKING (TACK WELD QUALITY AND LOCATION) * BACKING TYPE AND FIT (IF APPLICABLE)	0	0
FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) * JOINT PREPARATION * DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) * CLEANLINESS (CONDITION OF STEEL SURFACES) * TACKING (TACK WELD QUALITY AND LOCATION)	0	0
CONFIGURATION AND FINISH OF ACCESS HOLES	0	0
FIT-UP OF FILLET WELDS * DIMENSIONS (ALIGNMENT, GAPS AT ROOT) * CLEANLINESS (CONDITION OF STEEL SURFACES) * TACKING (TACK WELD QUALITY AND LOCATION)	0	0
CHECK WELDING EQUIPMENT	0	-

- NOTES:
- 0 - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
 - P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.
 - THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL INSPECTION TASKS DURING WELDING REFERENCED STANDARD: ASC 360 2017 TABLE N5.4-2

INSPECTION TASKS DURING WELDING	QC	QA
CONTROL AND HANDLING OF WELDING CONSUMABLES * EXPOSURE CONTROL * PACKAGING	0	0
NO WELDING OVER CRACKED TACK WELDS	0	0
ENVIRONMENTAL CONDITIONS * PRECIPITATION AND TEMPERATURE * WIND SPEED WITHIN LIMITS	0	0
WPS FOLLOWED EQUIPMENT * TRAVEL SPEED * SETTINGS ON WELDING * SELECTED WELDING MATERIALS * SHIELDING GAS TYPE/FLOW RATE * PREHEAT APPLIED * INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) * PROPER POSITION (F, V, H, OH)	0	0
WELDING TECHNIQUES CLEANING * EACH PASS MEETS QUALITY REQUIREMENTS * INTERPASS AND FINAL CLEANING * EACH PASS WITHIN PROFILE LIMITATIONS	0	0
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P	P

- NOTES:
- 0 - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
 - P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL INSPECTION TASKS AFTER WELDING REFERENCED STANDARD: ASC 360 2017 TABLE N5.4-3

INSPECTION TASKS PRIOR TO WELDING	QC	QA
WELDS CLEANED	0	0
SIZE, LENGTH AND LOCATION OF WELDS	P	P
WELDS MEET VISUAL ACCEPTANCE CRITERIA * CRACK PROHIBITION * WELD/HAZE METAL FUSION * CRATER CROSS SECTION * WELD PROFILES * WELD SIZE * UNDERCUT * POROSITY	P	P
ARC STRIKES	P	P
k AREA	P	P
WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	P	P
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	P
REPAIR ACTIVITIES	P	P
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	0	0

- NOTES:
- 0 - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
 - P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.
 - WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k AREA, VISUALLY INSPECT THE WEB k AREA FOR CRACKS WITHIN 3" (75mm) OF THE WELD.
 - AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1.c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1.d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.

REQUIRED VERIFICATION AND INSPECTION TASKS PRIOR TO BOLTING REFERENCED STANDARD: ASC 360 2017 TABLE N5.6-1

INSPECTION TASKS PRIOR TO BOLTING	QC	QA
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	0	P
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	0	0
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	0	0
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	0	0
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	0	0
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	0
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	0	0

- NOTES:
- 0 - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
 - P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.

REQUIRED VERIFICATION AND INSPECTION TASKS DURING BOLTING REFERENCED STANDARD: ASC 360 2017 TABLE N5.6-2

INSPECTION TASKS DURING BOLTING	QC	QA
FASTENER ASSEMBLIES IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	0	0
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	0	0
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	0	0
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	0	0

- NOTES:
- 0 - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
 - P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.

REQUIRED VERIFICATION AND INSPECTION TASKS DURING BOLTING REFERENCED STANDARD: ASC 360 2017 TABLE N5.6-3

INSPECTION TASKS DURING BOLTING	QC	QA
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	P

- NOTES:
- 0 - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
 - P - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.



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Participating Consultants:



Project Name:

CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signatures _____ Date: _____

The following drawings have been prepared under my direct supervision:

SD.0, SO.1, SO.2, SO.3, SO.4, SO.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

SPECIAL INSPECTION TABLES

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: WPB Checked By: TGV

SO.1



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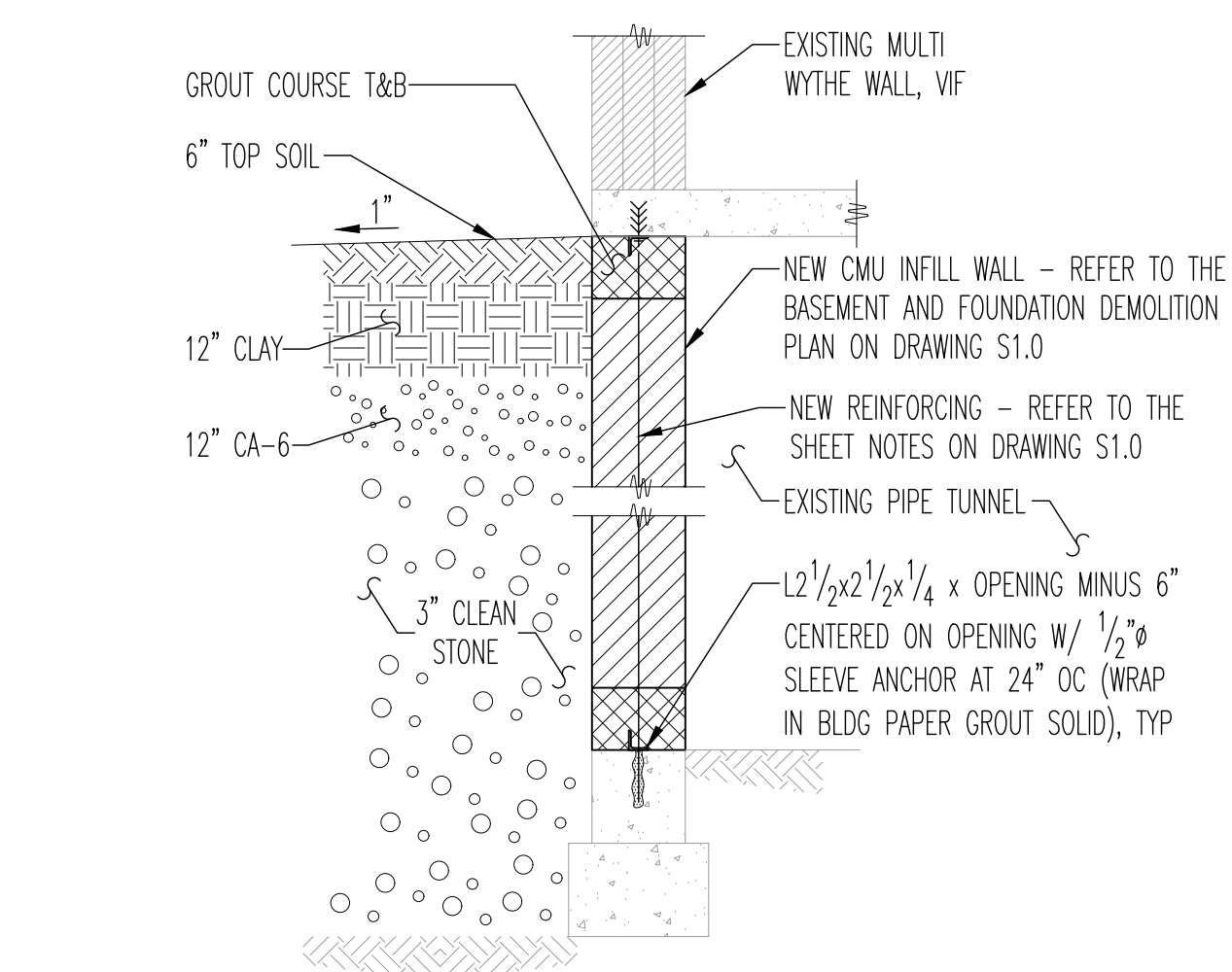


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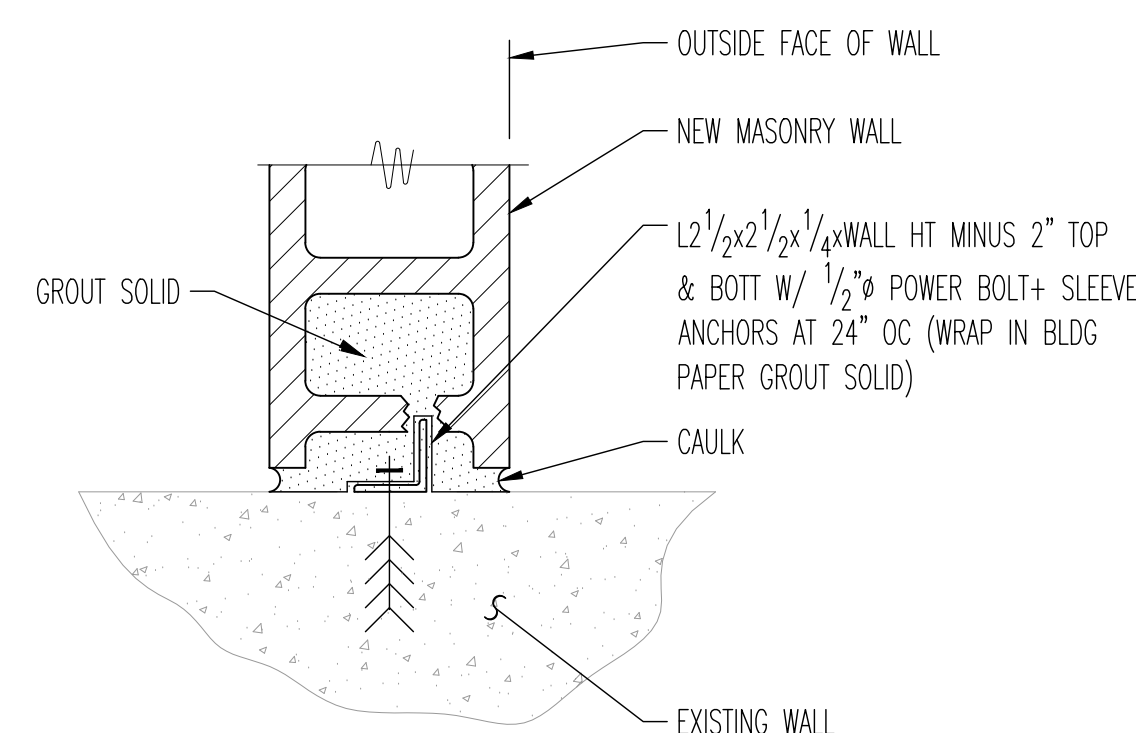
Project Name:

CONSTRUCTION DOCUMENTS
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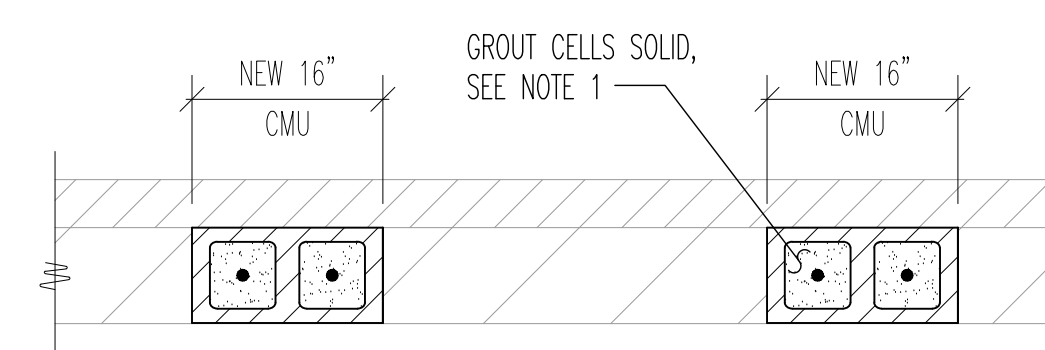
FOR
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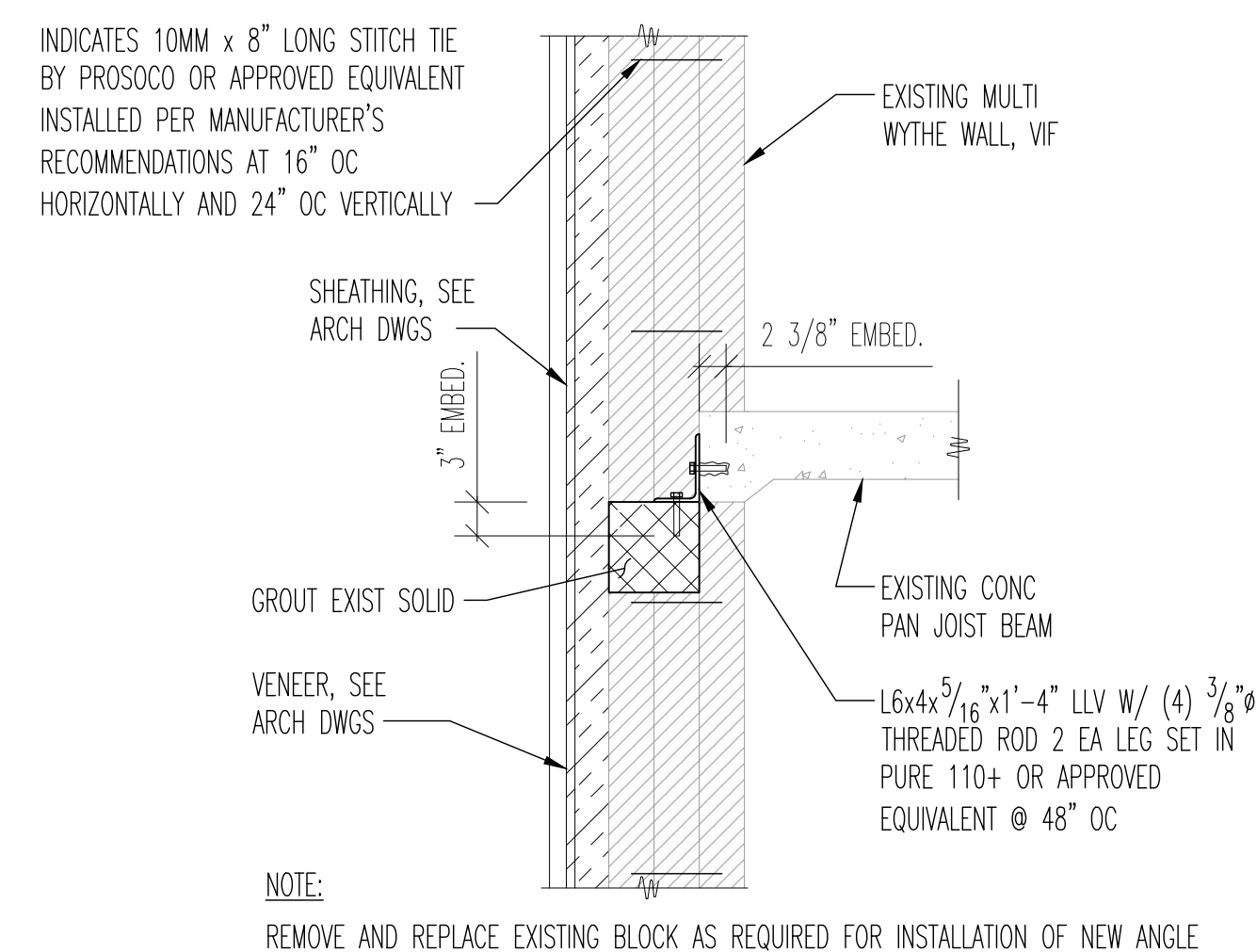
1
NEW INFILL OF
EXISTING PIPE TUNNEL
S0.2 1/2" = 1'-0"



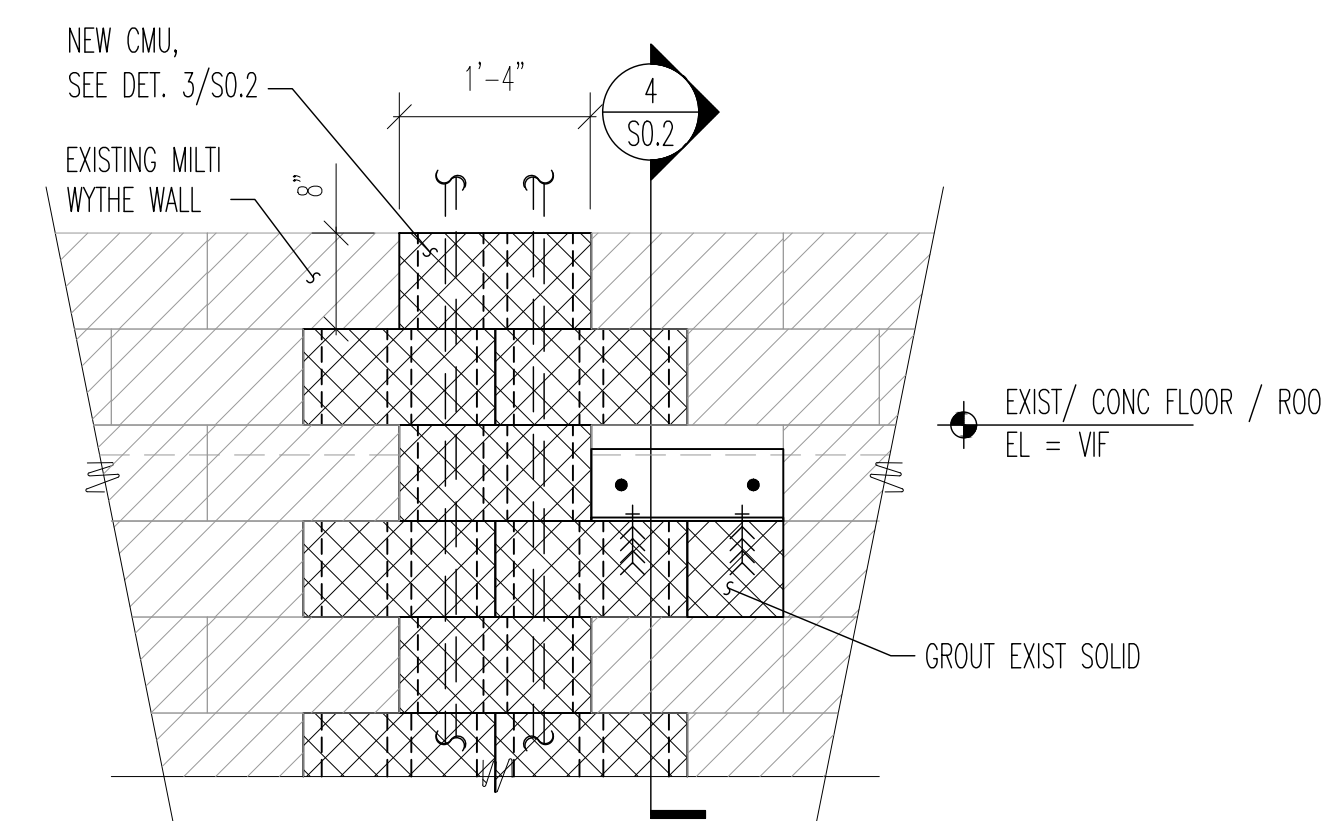
2
CONTROL JOINT DETAIL
S0.2 1 1/2" = 1'-0"



3
TYPICAL NEW CMU
IN EXISTING WALL
S0.2 3/4" = 1'-0"



4
TYPICAL NEW ANGLE TIE FOR
WALL TO EXISTING STRUCTURE
S0.2 3/4" = 1'-0"



5
TYPICAL ELEVATION OF
NEW ANGLE TIE AND NEW CMU
S0.2 3/4" = 1'-0"

Signatures _____ Date: _____

The following drawings have been prepared under my direct supervision:

S0.0, S0.1, S0.2, S0.3, S0.4, S0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

STRUCTURAL DETAILS

Issue/ Revision:

No.	Date	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: WPD Checked By: TGV

S0.2

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GENERAL STRUCTURAL NOTES

BUILDING CODES USED FOR DESIGN

- INTERNATIONAL BUILDING CODE, 2018 EDITION

DESIGN LOADS

- DESIGN LIVE LOADS:
 - ROOFS 20 PSF
 - GROUND SNOW LOAD 25 PSF
 - FLAT-ROOF SNOW LOAD 20 PSF***
 - SNOW EXPOSURE FACTOR 1.0
 - SNOW IMPORTANCE FACTOR 1.0
 - THERMAL FACTOR 1.0
- WIND:
 - BASIC WIND SPEED 107 MPH
 - WIND IMPORTANCE FACTOR 1.0
 - WIND EXPOSURE C
 - INTERNAL PRESSURE COEFFICIENT +/-0.18
 - COMPONENTS & CLADDING ANALYSIS PER ASCE 7-16 CH. 30

*** PLUS DRIFTING AND/OR SLIDING SNOW

NEW CONSTRUCTION

- THE CONTRACTOR SHALL FOLLOW WRITTEN DIMENSIONS ONLY. DO NOT SCALE DRAWINGS.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE CONSTRUED TO APPLY AT ANY SIMILAR CONDITION ELSEWHERE ON THE JOB EXCEPT WHERE A DIFFERENT DETAIL OR SECTION IS SHOWN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. WHERE DISCREPANCIES OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ARCHITECT PRIOR TO CONSTRUCTION.
- THE STEEL FRAMING COMPONENTS SHOWN RELY ON BUILDING COMPONENTS OTHER THAN STRUCTURAL STEEL FOR FINAL STRUCTURAL STABILITY (PREVIOUSLY REFERRED TO AS A NON-SELF-SUPPORTING STEEL FRAME BY THE AISC "CODE OF STANDARD PRACTICE"). THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PROVISION OF ANY AND ALL TEMPORARY BRACING AND SHORING AGAINST WIND, ERECTION AND ALL CONSTRUCTION LOADS UNTIL ALL ELEMENTS, MEMBERS AND CONNECTIONS (FLOORS, ROOF, SHEAR WALLS, ETC.), AS SHOWN ON THE CONTRACT DOCUMENTS ARE COMPLETELY INSTALLED. THE STRUCTURAL MEMBERS SHOWN ON THE CONTRACT DOCUMENTS ARE DESIGNED FOR THE ANTICIPATED LOADS THAT THE STRUCTURE WILL BE SUBJECTED TO ONLY AFTER ALL STRUCTURAL ELEMENTS ARE IN PLACE AND FINAL CONNECTIONS ARE COMPLETE.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL OPENING SIZES, PAD SIZES AND LOCATIONS WITH THE RESPECTIVE CONTRACTORS.

NEW WORK IN CONJUNCTION WITH EXISTING CONSTRUCTION

- THE CONTRACTOR SHALL VERIFY, BY FIELD CHECK, ALL SIZES, DIMENSIONS, ELEVATIONS, LOCATIONS, ETC. OF ELEMENTS OF THE EXISTING CONSTRUCTION WHICH ARE RELATIVE TO THE NEW CONSTRUCTION.
- ALL DIMENSIONS INVOLVING NEW WORK TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION SHALL BE FIELD CHECKED BY THE CONTRACTOR AND FURNISHED TO THE SUBCONTRACTOR, PRIOR TO FABRICATION OF ANY WORK. THE VERIFIED DIMENSIONS SHALL APPEAR AND BE NOTED AS SUCH ON THE FIRST SHOP DRAWING SUBMITTED.
- THE ENGINEER HAS MADE ASSUMPTIONS CONCERNING THE SOUNDNESS OF THE EXISTING BUILDING AND THESE ASSUMPTIONS ARE THAT THIS BUILDING WAS DESIGNED AND CONSTRUCTED IN CONFORMITY WITH GOOD DESIGN AND CONSTRUCTION PRACTICES. THE CONTRACTOR SHALL TAKE EXTRAORDINARY PRECAUTIONS CONCERNING PRESERVATION OF THE BUILDING DURING DEMOLITION AND NEW CONSTRUCTION WORK. FURTHER, HE SHALL AGREE TO ASSUME ALL RESPONSIBILITY FOR THE PRESERVATION OF THIS PROPERTY.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS.
- ALL HOLES THROUGH EXISTING CONSTRUCTION SHALL BE CORE DRILLED OR SAW CUT.

CONTROLLED LOW-STRENGTH MATERIAL (CLSM)

- FOR THE PURPOSES OF THIS PROJECT, CLSM SHALL BE DEFINED AS A SELF-LEVELING AND SELF-COMPACTING CEMENTITIOUS MATERIAL.
- CLSM SHALL BE PRODUCED FROM MATERIALS MEETING THE FOLLOWING:
 - PORTLAND CEMENT: ASTM C 150, TYPE I OR TYPE III.
 - FLY ASH: ASTM C 618, CLASS C OR F.
 - NORMAL-WEIGHT AGGREGATE: ASTM C 33.
 - LIGHT-WEIGHT AGGREGATE: ASTM C 330.
 - WATER: ASTM C 1602.
 - AIR-ENTRAINING ADMIXTURE: ASTM C 260.
 - WATER REDUCING ADMIXTURE: ASTM C 494.
 - ACCELERATING ADMIXTURE: ASTM C 494.
- CLSM SHALL BE PRODUCED AT A CENTRAL-MIX PLANT, DELIVERED TO THE PROJECT SITE USING READY-MIX CONCRETE TRUCKS AND PLACED IN ACCORDANCE WITH ACI 304.
- CLSM SHALL MEET THE FOLLOWING IN-PLACE PERFORMANCE REQUIREMENTS:
 - MINIMUM UNCONFINED COMPRESSIVE STRENGTH AT 28 DAYS: 50 PSI.
 - MAXIMUM UNCONFINED COMPRESSIVE STRENGTH AT 28 DAYS: 100 PSI.
 - MINIMUM UNCONFINED COMPRESSIVE STRENGTH AT 1 DAY: 15 PSI.
 - EXCAVABLE: ABLE TO BE EXCAVATED WITH BACKHOE AFTER HARDENED. UNIT WEIGHT: 120 TO 140 PCF.
 - LOW SUBSIDENCE: LESS THAN 1/8" PER FOOT OF DEPTH OF SOLID CLSM. NON CORROSIVE.
 - FLOWABILITY: AS REQUIRED BY SITE CONDITIONS IN ACCORDANCE WITH ASTM D 6103 WITH NO SEGREGATION OF MIXTURE CONSTITUENTS.
- DESIGN OF CLSM MIX SHALL BE BASED UPON PRODUCER'S DOCUMENTED HISTORY OF MIX'S PERFORMANCE.
- EARLY STRENGTH CONFORMANCE SHALL BE VERIFIED USING ASTM C 403 OR ASTM D 6024.
- COMPRESSIVE STRENGTH SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D 4832.
- SEE CONCRETE SECTION BELOW FOR ADDITIONAL PLACEMENT REQUIREMENTS.

CONCRETE

- ALL CONCRETE WORK INCLUDING FORMING, REINFORCING, MIXING, PLACING AND CURING SHALL BE IN ACCORDANCE WITH THE ACI MANUAL OF CONCRETE PRACTICE INCLUDING "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318 AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE," ACI 301.
- CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN: SUBMIT CONCRETE MIX DESIGN FOR EACH TYPE AND STRENGTH OF CONCRETE DETERMINED BY EITHER LABORATORY TRIAL MIX OR FIELD TEST DATA IN ACCORDANCE WITH ACI 211.1 AND ACI 301. SUBMIT MIX DESIGN AT LEAST 15 DAYS PRIOR TO FIRST POUR. ACQUIRE CEMENT FROM SAME SOURCE AND AGGREGATE FROM SAME SOURCE FOR ENTIRE PROJECT.
- FOLLOW RECOMMENDATIONS OF ACI 305R WHEN CONCRETING DURING HOT WEATHER OR ACI 306R WHEN CONCRETING DURING COLD WEATHER.
- ALL CONCRETE SHALL ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AS SPECIFIED AT 28 DAYS. CONCRETE SHALL BE VIBRATED INTO FORMS WHILE PLACING, WITHOUT OVER-VIBRATING. REINFORCING SHALL BE PROTECTED BY CONCRETE OF THICKNESS AS FOLLOWS:
 - OTHER FOUNDATION 2" BOTH FACES
 - EXPOSED EXTERIOR CONCRETE 2"
 - SLAB ON GRADE 1/3 FROM TOP
- CONCRETE MATERIALS SHALL BE AS FOLLOWS:
 - CEMENT PER ASTM C 150, NORMAL PORTLAND TYPE I OR PORTLAND LESTONE CEMENT (PLC) PER ASTM C595 TYPE II EXCEPT AS NOTED. (EXCEPTION: PLC IS NOT PERMITTED IN STATES WITH DEPARTMENTS OF TRANSPORTATION THAT HAVE NOT APPROVED THE USE OF PLC). FINE AND COARSE AGGREGATES PER ASTM C 33. FLY ASH CLASS C OR F PER ASTM C 618. WATER SHALL BE CLEAN AND NOT DETRIMENTAL TO CONCRETE. ADMIXTURES OTHER THAN AIR ENTRAINMENT AND WATER REDUCING ARE NOT PERMITTED WITHOUT APPROVAL BY THE ARCHITECT AND ENGINEER. AIR ENTRAINMENT ADMIXTURE SHALL BE PER ASTM C 260 AND WATER REDUCER SHALL BE TYPE A PER ASTM C 494.
 - CONCRETE MIX DESIGN:
 - CONCRETE FOR FOOTINGS AND FOUNDATIONS WALLS:
 - A. COMPRESSIVE STRENGTH, WHEN TESTED IN ACCORDANCE WITH ASTM C 39/C 39M AT 28 DAYS: 4000 PSI.
 - B. CONCRETE WEIGHT: NORMAL (144 LBS. PER CUBIC FOOT)
 - C. FLY ASH CONTENT: MAXIMUM 15 PERCENT OF CEMENTITIOUS MATERIALS BY WEIGHT.
 - D. CEMENT CONTENT: MINIMUM 611 LB PER CUBIC YARD.
 - E. WATER-CEMENT RATIO: MAXIMUM 55 PERCENT BY WEIGHT.
 - F. TOTAL AIR CONTENT: 3 PERCENT NATURALLY OCCURRING, PER ASTM C 173.
 - G. MAXIMUM SLUMP: 3 INCHES, PLUS OR MINUS 1 INCH.
 - H. MAXIMUM AGGREGATE SIZE: 1 INCH.
 - I. WATER REDUCING AGENT REQUIRED.
- PLACING CONCRETE:
 - PLACE CONCRETE IN ACCORDANCE WITH ACI 304R. DO NOT ADD WATER TO CONCRETE DURING TRANSPORT, DELIVERY, AT PROJECT SITE, OR DURING PLACEMENT UNLESS APPROVED BY ARCHITECT. PLACE CONCRETE IN A CONTINUOUS OPERATION AND WITHOUT SEGREGATION. ENSURE REINFORCEMENT, INSERTS, WATERSTOPS, EMBEDDED PARTS, AND FORMED CONSTRUCTION JOINT DEVICES WILL NOT BE DISTURBED DURING CONCRETE PLACEMENT. SEPARATE SLABS ON GRADE FROM VERTICAL SURFACES WITH JOINT FILLER. SLABS ON GRADE SHALL BE PLACED IN CONTINUOUS STRIPS AS PER ACI RECOMMENDATIONS. THE MAXIMUM POUR AREA SHALL NOT EXCEED 3600 SQUARE FEET. ALLOW 24 HOURS TO ELAPSE BETWEEN THE PLACEMENT OF ADJACENT STRIPS. POUR IN ALTERNATING STRIP PATTERN SO THAT NO TWO ADJOINING SLABS ARE POURED THE SAME DAY. MAINTAIN RECORDS OF CONCRETE PLACEMENT. RECORD DATE, LOCATION, QUANTITY, AIR TEMPERATURE, AND TEST SAMPLES TAKEN. SAW CUT JOINTS WITHIN 24 HOURS AFTER PLACING. USE 3/16 INCH THICK BLADE, CUT INTO 1/4 DEPTH OF SLAB THICKNESS. IF NO SPACING OF JOINTS IS INDICATED ON DRAWINGS, PLACE JOINTS AT A MAXIMUM SPACING OF 15 FEET IN EACH DIRECTION.
 - COORDINATE CONCRETE WORK WITH THAT OF OTHER TRADES TO ALLOW FOR SETTING OF SLEEVES, ACCESSORIES, ETC.
 - ALL ANCHOR RODS SHALL BE IN PLACE PRIOR TO POURING OF CONCRETE.
 - CURING AND PROTECTION:
 - COMPLY WITH REQUIREMENTS OF ACI 308 UNLESS EXCEEDED HEREIN. IMMEDIATELY AFTER PLACEMENT, PROTECT CONCRETE FROM PREMATURE DRYING, EXCESSIVELY HOT OR COLD TEMPERATURES, AND MECHANICAL INJURY.
 - FIELD QUALITY CONTROL:
 - AN INDEPENDENT TESTING AGENCY WILL PERFORM FIELD QUALITY CONTROL TESTS. PROVIDE FREE ACCESS TO CONCRETE OPERATIONS AT PROJECT SITE AND COOPERATE WITH APPOINTED FIRM. CONTRACTOR MUST PROVIDE MINIMUM 48 HOURS NOTICE TO TESTING AGENCY AND ARCHITECT PRIOR TO ALL CONCRETE POURS. FOR EACH TEST, MOLD AND CURE THREE CONCRETE TEST CYLINDERS. OBTAIN TEST SAMPLES FOR EVERY 50 CU YD OR LESS OF EACH CLASS OF CONCRETE PLACED. OBTAIN REPRESENTATIVE SAMPLES OF FRESH CONCRETE IN ACCORDANCE WITH ASTM C 172. PERFORM COMPRESSION STRENGTH TESTS PER ASTM C 39/C 39M. BREAK ONE CYLINDER AT 7 DAYS AND TWO CYLINDERS AT 28 DAYS. TAKE ONE ADDITIONAL TEST CYLINDER DURING COLD WEATHER CONCRETING, CURED ON JOB SITE UNDER SAME CONDITIONS AS CONCRETE. IT REPRESENTS. RECORD AMBIENT TEMPERATURE AT TIME OF CONCRETE SAMPLING.
- ALL EXTERIOR EXPOSED CONCRETE TO HAVE 6%, PLUS 1% OR MINUS 1.5% ENTRAINED AIR.

REINFORCING STEEL

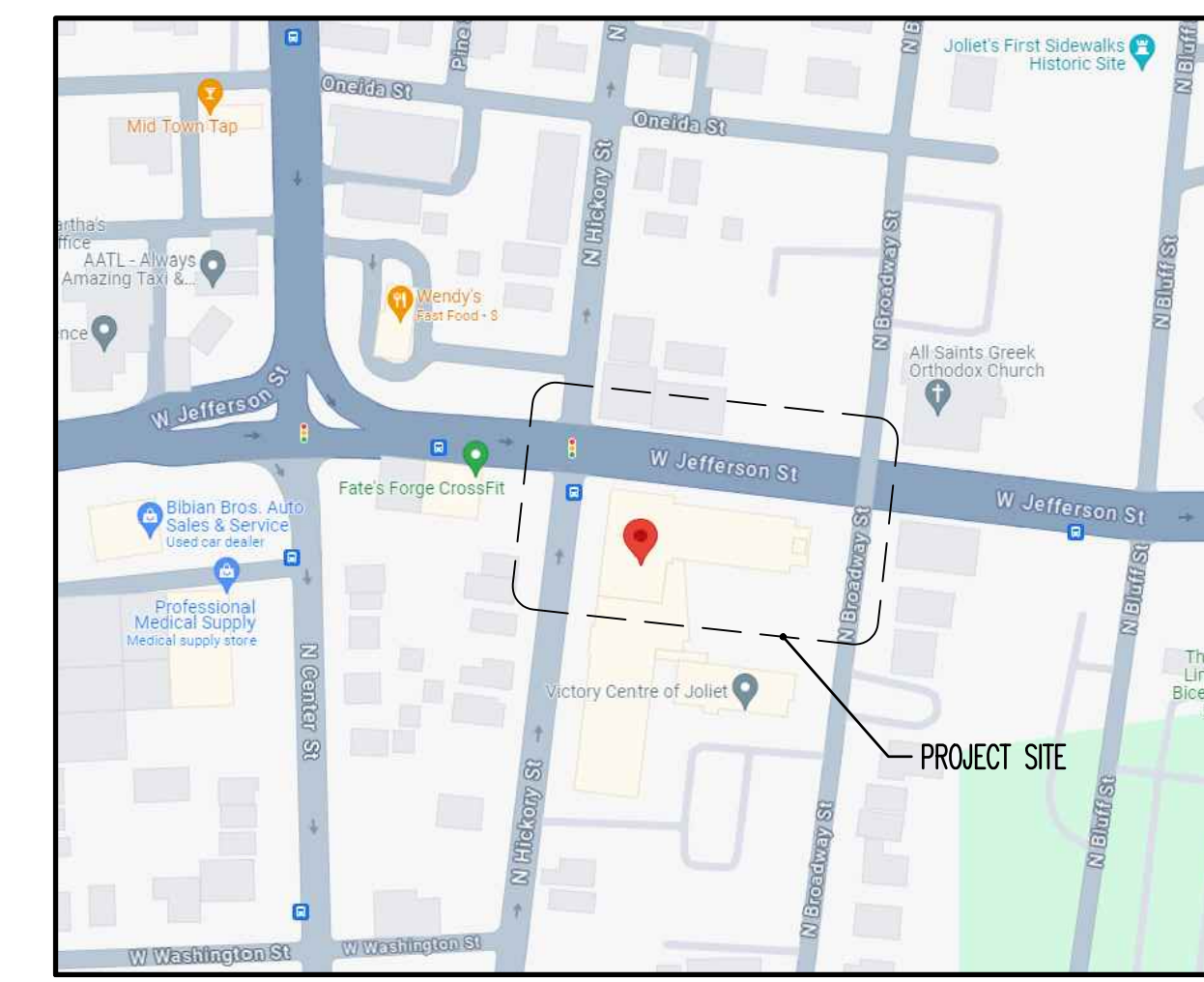
- THE REINFORCING STEEL CONTRACTOR SHALL FABRICATE ALL REINFORCEMENT AND FURNISH ACCESSORIES, CHAIRS, SPACER BARS AND SUPPORTS NECESSARY TO SECURE THE REINFORCEMENT UNLESS SHOWN OTHERWISE ON THE PLANS AND/OR DETAILS.
- REINFORCING STEEL SHALL BE ASTM A615, GRADE 60.
- WELDED WIRE REINFORCING SHALL BE SUPPLIED IN FLAT SHEETS AND SHALL CONFORM TO ASTM A1064.
- CONCRETE REINFORCEMENT SHALL BE PLACED ACCORDING TO CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCEMENT BARS."
- ALL REINFORCEMENT SPLICES SHALL BE LAPPED 48 BAR DIAMETERS MINIMUM UNLESS OTHERWISE NOTED. PROVIDE CORNER BARS FOR ALL HORIZONTAL REINFORCEMENT AT CORNERS AND INTERSECTIONS.
- TOP BARS SHALL BE HOOKED AT END SPANS.
- IN LIEU OF WWR, CONTRACTOR MAY SUBSTITUTE SYNTHETIC MACRO-FIBERS ENGINEERED AND DESIGNED FOR USE IN CONCRETE COMPLYING WITH ASTM C 1116 TYPE III, 1 TO 2 1/4 INCHES LONG, APPLIED AT A DOSAGE RATE OF 4 LB/CY UNLESS NOTES OTHERWISE OR A HIGHER DOSAGE IS RECOMMENDED BY THE MANUFACTURER.

STRUCTURAL ABBREVIATIONS

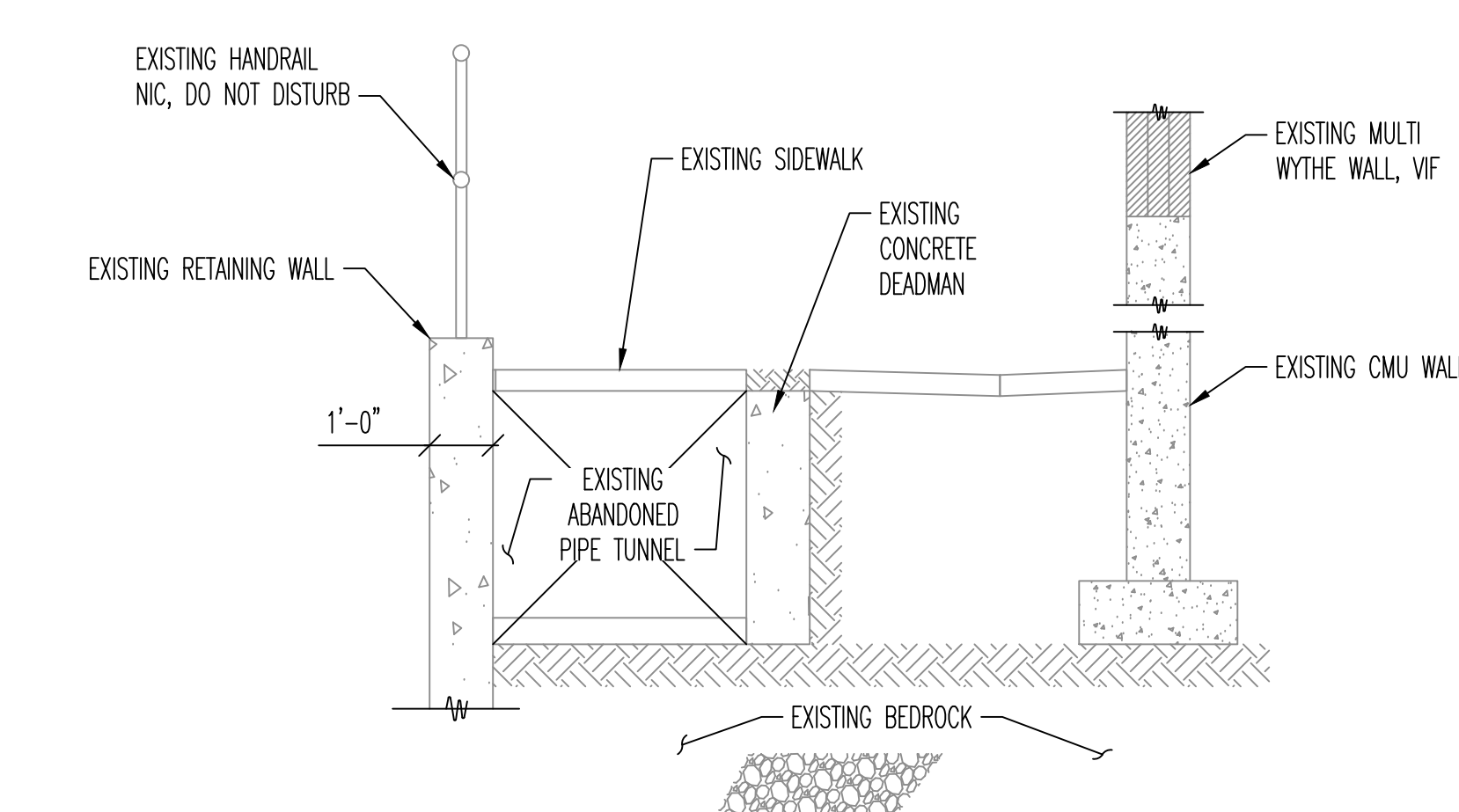
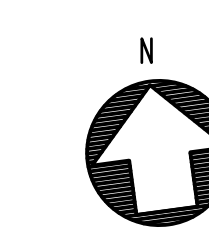
AB	ANCHOR BOLT
ADDL	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT/ARCHITECTURAL
B/B	BACK TO BACK
BL	BRICK LEDGE
BLDG	BUILDING
BM	BEAM
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BRDG	BRIDGING
BSMT	BASEMENT
BS	BOTH SIDES
C	COMPRESSION
CA	CAISSON
CH	CHANNEL
CP	CAST-IN-PLACE CONCRETE
CJ	CONTRACTION/CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CM	CONSTRUCTION MANAGER
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUE (D) (OUS)
CONTR	CONTRACTOR
COORD	COORDINATE
CTR	CENTER
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION (S)
DL	DEAD LOAD
DP	DRILLED PIER
DWG	DRAWING
DWL	DOWEL
E	MODULUS OF ELASTICITY
EA	EACH
ECC	ECCENTRICITY
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
EOR	ENGINEER OF RECORD
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIV	EQUIVALENT
EQUIP	EQUIPMENT
EW	EACH WAY
EWEF	EACH WAY EACH FACE
EXC	EXCAVATE
EXIST	EXISTING
EXP	EXPANSION
EXP BT	EXPANSION BOLT
EXT	EXTERIOR
F/F	FACE TO FACE
FAB	FABRICATOR
FD	FLOOR DRAIN
FDTN	FOUNDATION
FIN FLR	FINISHED FLOOR
FLR	FLOOR
FOC	FACE OF CONCRETE
FOW	FACE OF WALL
FP	FIREPROOFING
FS	FAR SIDE
FSTNR	FASTENER
FT	FEET OR FOOT
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GR BM	GRADE BEAM
GC	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLUE LAMINATE TIMBER
GR	GRADE
GRTG	GRATING
GYP	GYPNUM
HORIZ	HORIZONTAL
HK	HOOK
HS	HEADED STUD
HT	HEIGHT
I	MOMENT OF INERTIA
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IN, "	INCH OR INCHES
INCL	INCLUDE
INFO	INFORMATION
IN-LB	INCH POUND
INSUL	INSULATION
INT	INTERIOR
JF	JOINT FILLER

JST

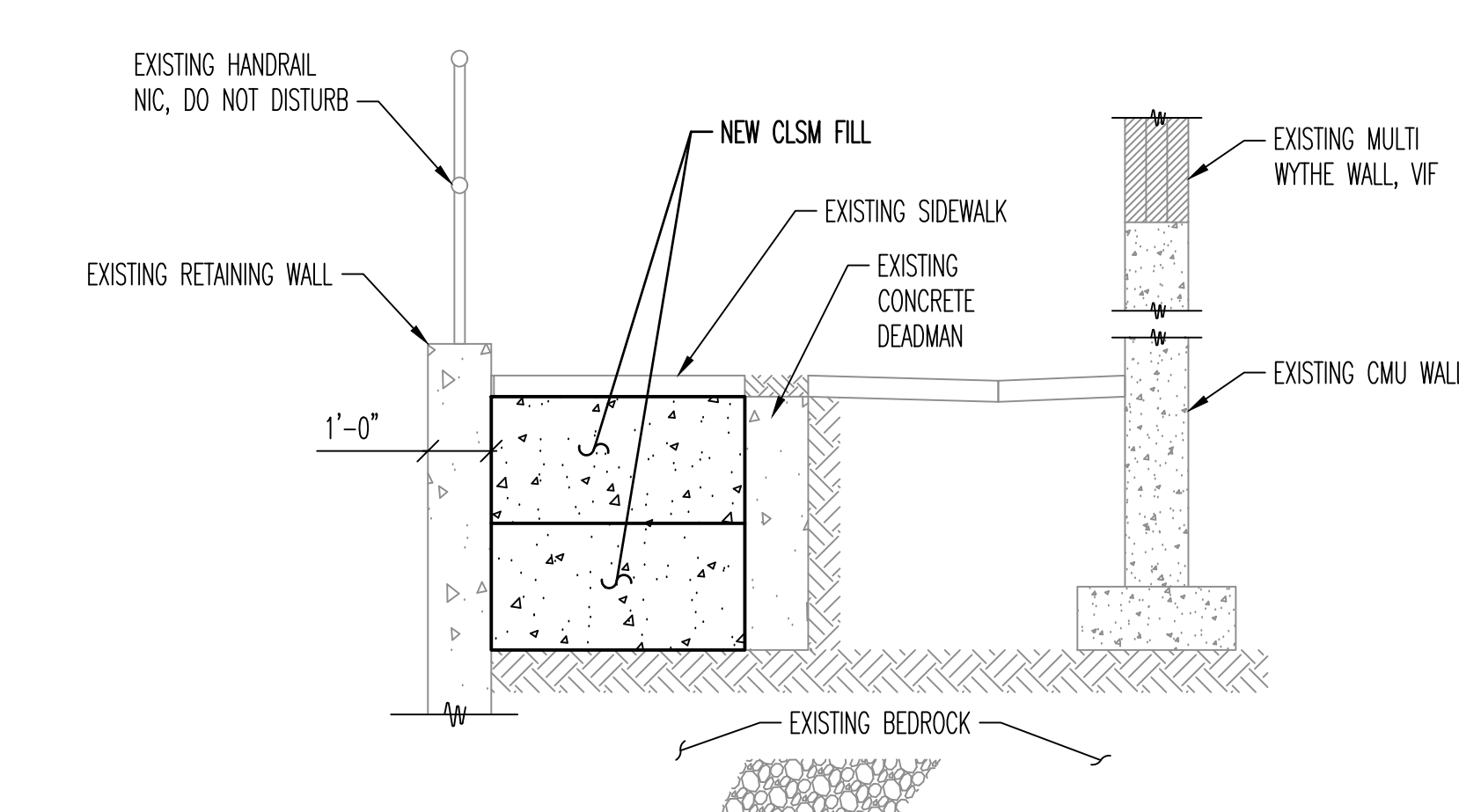
JT	JOINT
K	KIP (OR 1000 POUNDS)
KLF	KIPS PER LINEAR FOOT
L	ANGLE
LATL	LATERAL
LB, #	POUNDS
LF	LINEAR FOOT
LH	LEFT HAND
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT GA	LIGHT GAUGE
LT WT	LIGHT WEIGHT
LSH	LONG SIDE HORIZONTAL
LSV	LONG SIDE VERTICAL
LVL	LAMINATED VENEER LUMBER
M	MOMENT
MATL	MATERIAL
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MECH	MECHANICAL
MEP	MECHANICAL ELECTRICAL PLUMBING
MEZZ	MEZZANINE
MFR	MANUFACTURER
MFR REC	MANUFACTURER'S RECOMMENDATIONS
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MP	METAL PANEL
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO, #	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
PC	PRECAST CONCRETE
PCC	PVC
PCF	POUNDS PER CUBIC FOOT
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PSF	POUND PER SQUARE FOOT
PSI	POUND PER SQUARE INCH
PT	POST TENSIONED
QTY	QUANTITY
R	RADIUS
RD	ROOF DRAIN
REBAR	REINFORCING STEEL BAR
REF	REFERENCE
REINF	REINFORCE (D) (MENT)
REQ	REQUIRE (D)
REV	REVISED/REVISION
RH	RIGHT HAND
RTU	ROOF TOP UNIT
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SL	SNOW LOAD
SOG	SLAB ON GRADE
SPA	SPACES
SPEC	SPECIFICATION
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROVE
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOFDTN	TOP OF FOUNDATION
TOP	TOP OF PLANK
TOS	TOP OF SLAB, TOP OF STEEL TENSION
T	TENSION
TCX	TOP CHORD EXTENSION
TD	THICK
THK	THROUGH
THRU	TYPICAL
TYP	UNLESS NOTED OTHERWISE
UNO	UNLESS NOTED OTHERWISE
V	SHEAR
VAR	VARIES
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WP	WORK POINT
WS	WATERSTOP
WT	WEIGHT
WWR	WELDED WIRE REINFORCEMENT



3 LOCATION PLAN
NO SCALE



1 EXISTING CONDITION PIPE TUNNEL
3/8" = 1'-0"



2 INFILLED PIPE TUNNEL
3/8" = 1'-0"

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LEL. COMPANY NO. 21.180581.000

Participating Consultants:

Project Name:
CONSTRUCTION DOCUMENTS
NEW DEMOLITION AND STABILIZATION PROJECT

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signature _____ Date _____

The following drawings have been prepared under my direct supervision:
SO.0, SO.1, SO.2, SO.3, SO.4, SO.5, SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5, S1.0, S1.1, S1.2, S1.3

Drawing Title:
GENERAL STRUCTURAL NOTES AND ABBREVIATIONS

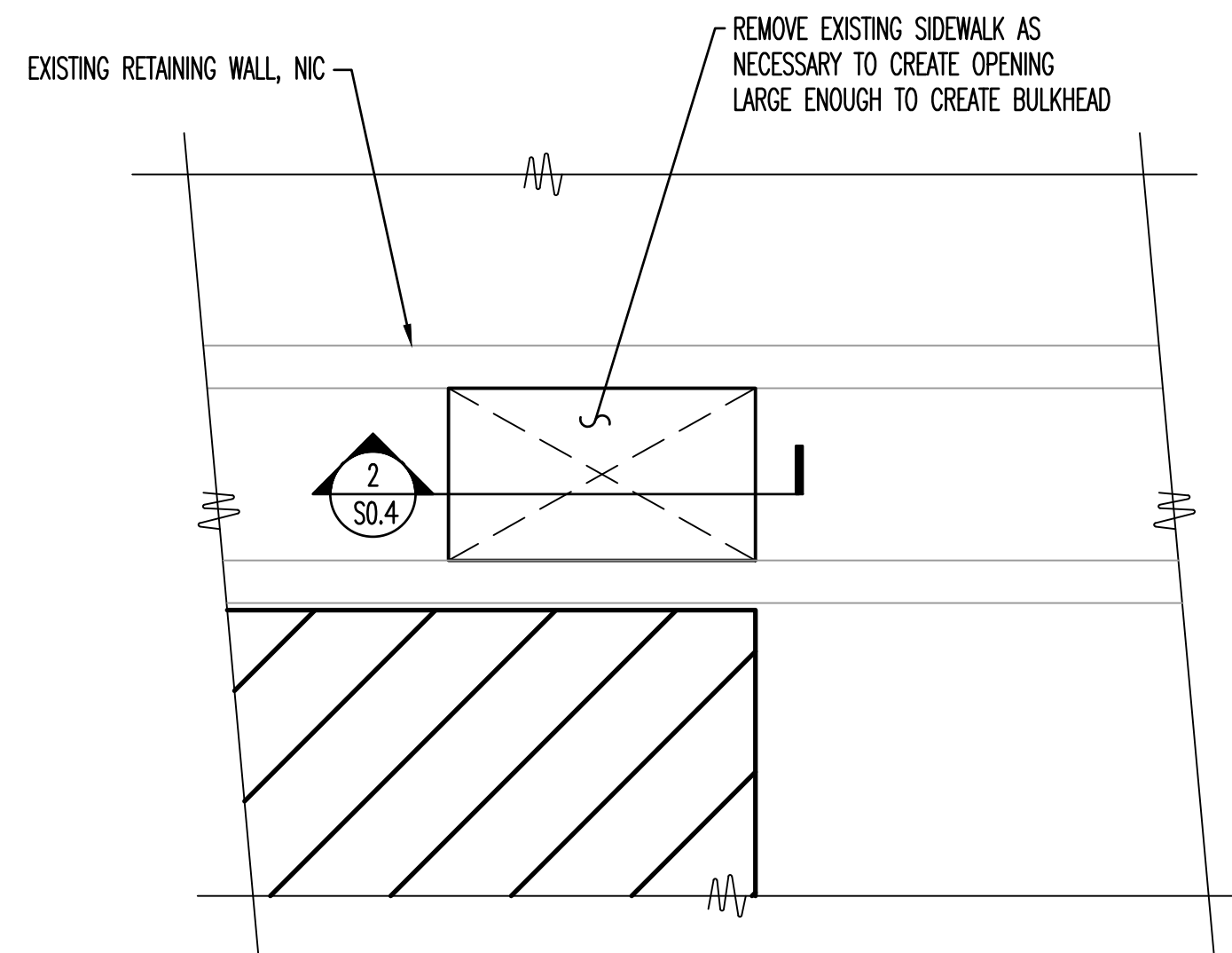
Issue/ Revision:
No. Date Description
5/2/2024 ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: KPB Checked By: TGV

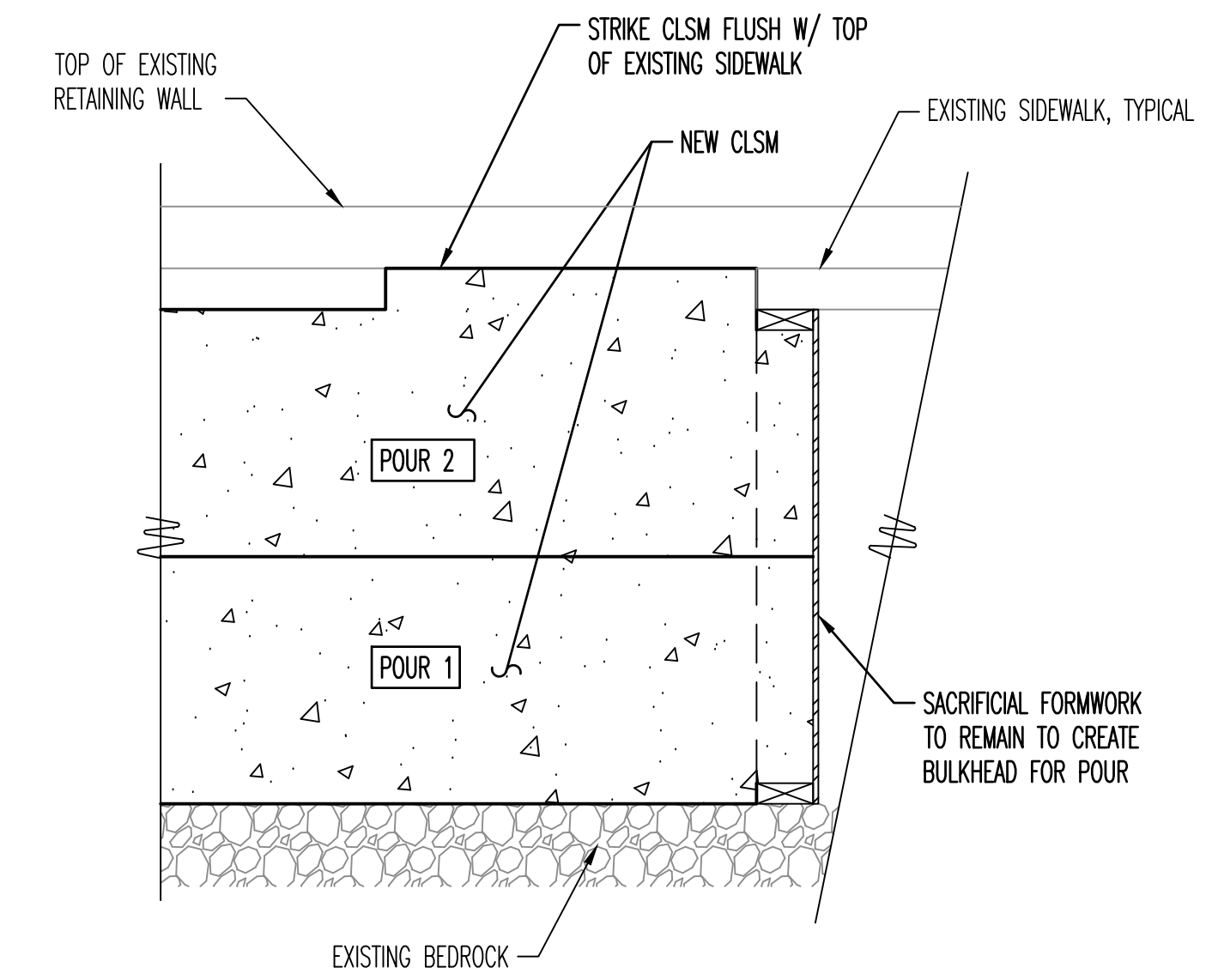
TABLE 1705.3

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCED
1. INSPECT REINFORCING, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT:	-	X	ACI 318: Ch 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING:	-	X	AWS D1.4	-
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A 706	-	X	ACI 318: 26.6.4	-
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	X	-	-	-
c. INSPECT ALL OTHER WELDS	-	X	-	-
3. INSPECT ANCHORS CAST IN CONCRETE	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:	-	X	ACI 318: 17.8.2.4	-
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 17.8.2	-
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a.	-	X	ACI 318: CH 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
5. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	-	-
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172, ASTM C 31, ACI 318: 26.5, 26.12	1908.10
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT OF PRESTRESSED CONCRETE FOR:	-	X	-	-
a. APPLICATION OF PRESTRESSING FORCES.	X	-	ACI 318: 26.10	-
b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-	-	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: CH 26.9	-
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(b)	-

NOTES:
 1. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
 2. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.



1
S0.4 ENLARGED NORTH EAST CORNER OF GYMNASIUM
1/4" = 1'-0"



2
S0.4 NEW & BULKHEAD TO TERMINATE
3/4" = 1'-0"



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 ILL. COMM. NO. 211.60561.000

Project Name:

CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
 AND STABILIZATION
 PROJECT**

FOR
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 AT THE VICTORY CENTRE GYMNASIUM
 25 N. BROADWAY STREET
 JOLIET, ILLINOIS 60435

Signature _____ Date _____

The following drawings have been prepared under my direct supervision:

S0.0, S0.1, S0.2, S0.3, S0.4, S0.5,
 SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
 S1.0, S1.1, S1.2, S1.3

Drawing Title:

SPECIAL INSPECTION TABLES

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
 Drawn By: WPD Checked By: TGV

S0.4



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SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SI.0, SI.1, SI.2, SI.3

Drawing Title:

SITE PLAN

Issue/ Revision:

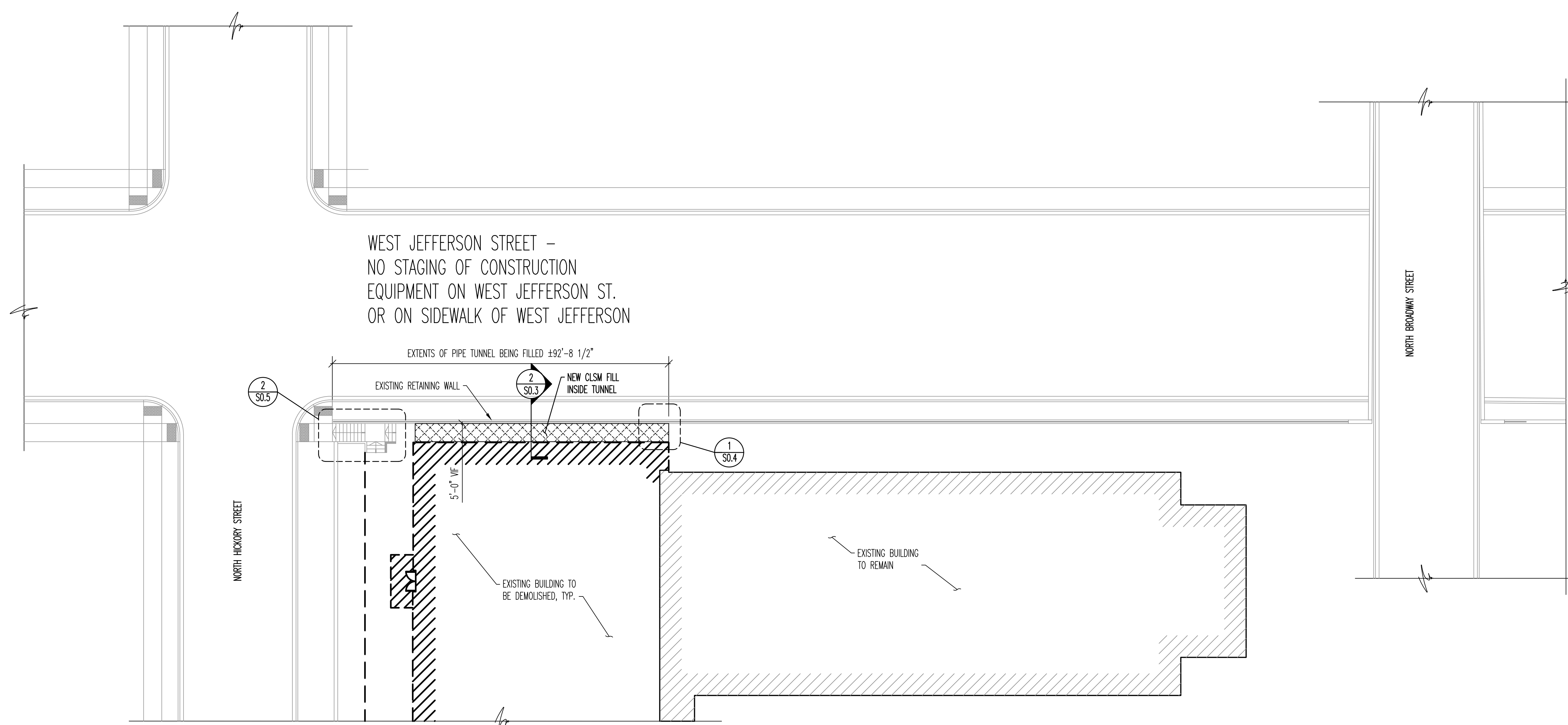
No.	Date	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: WPD Checked By: TGV

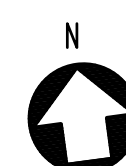
S0.5

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WEST JEFFERSON STREET –
NO STAGING OF CONSTRUCTION
EQUIPMENT ON WEST JEFFERSON ST.
OR ON SIDEWALK OF WEST JEFFERSON

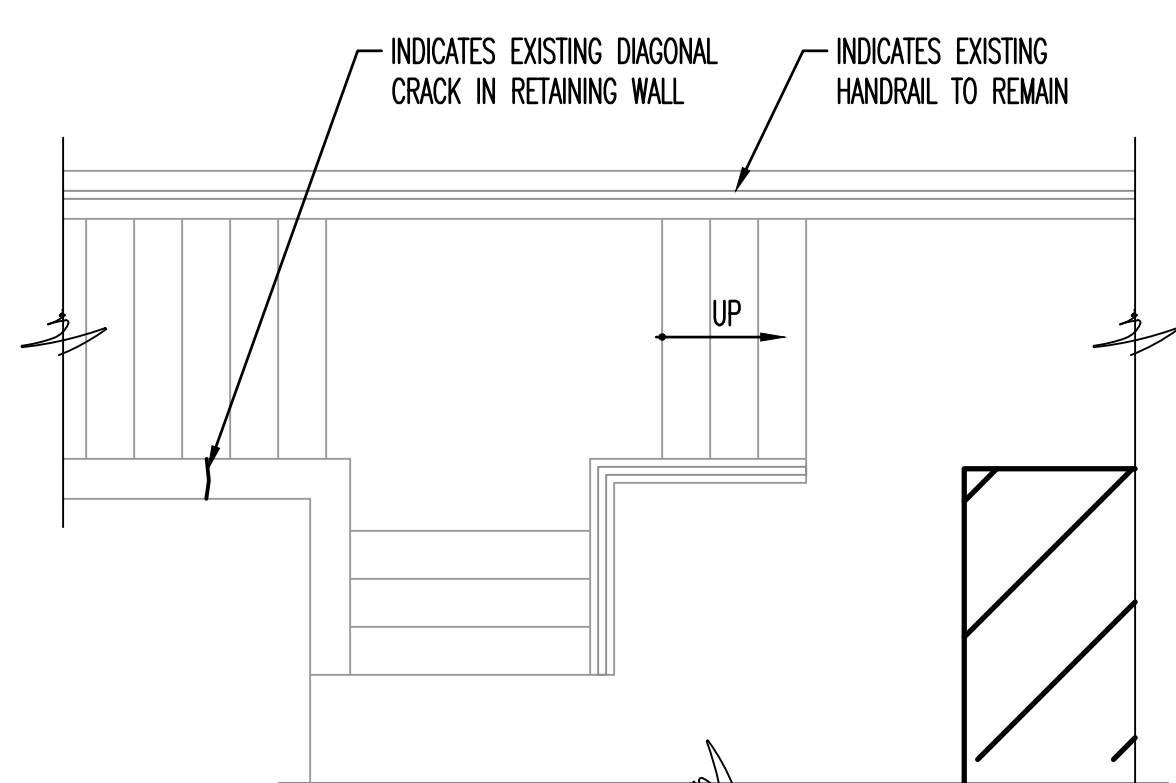


1 SITE PLAN
S0.5 1/16" = 1'-0"

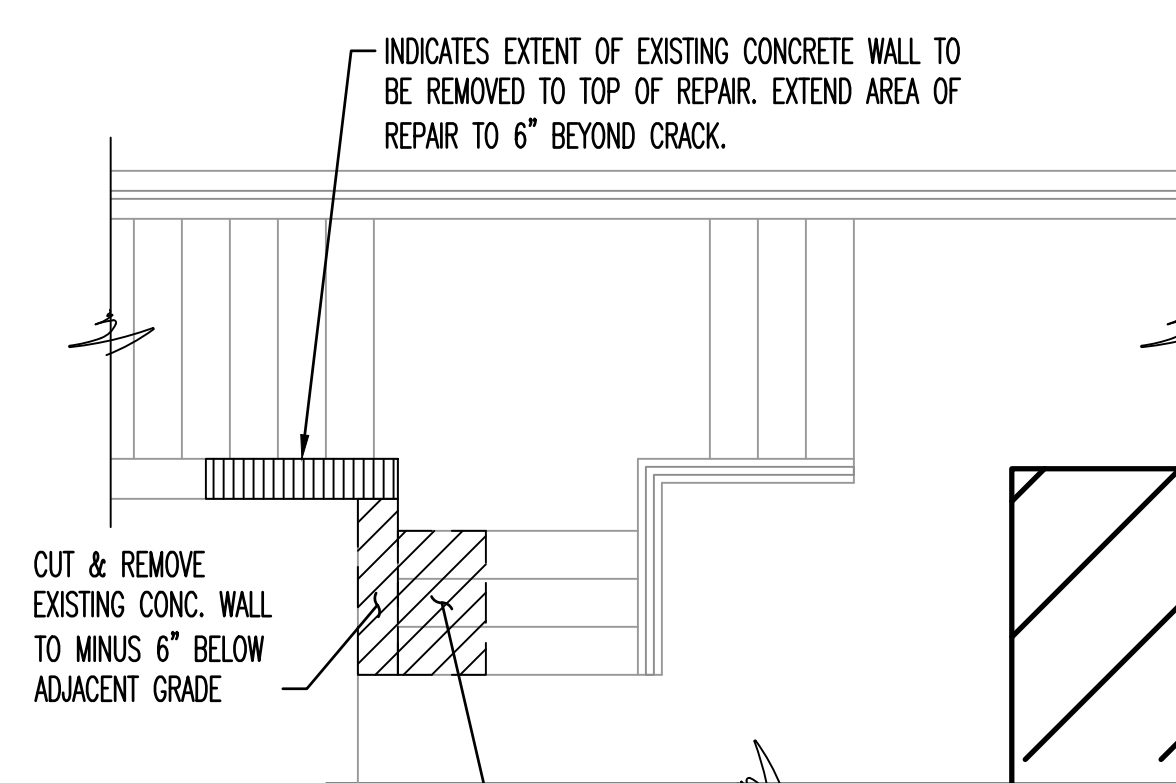


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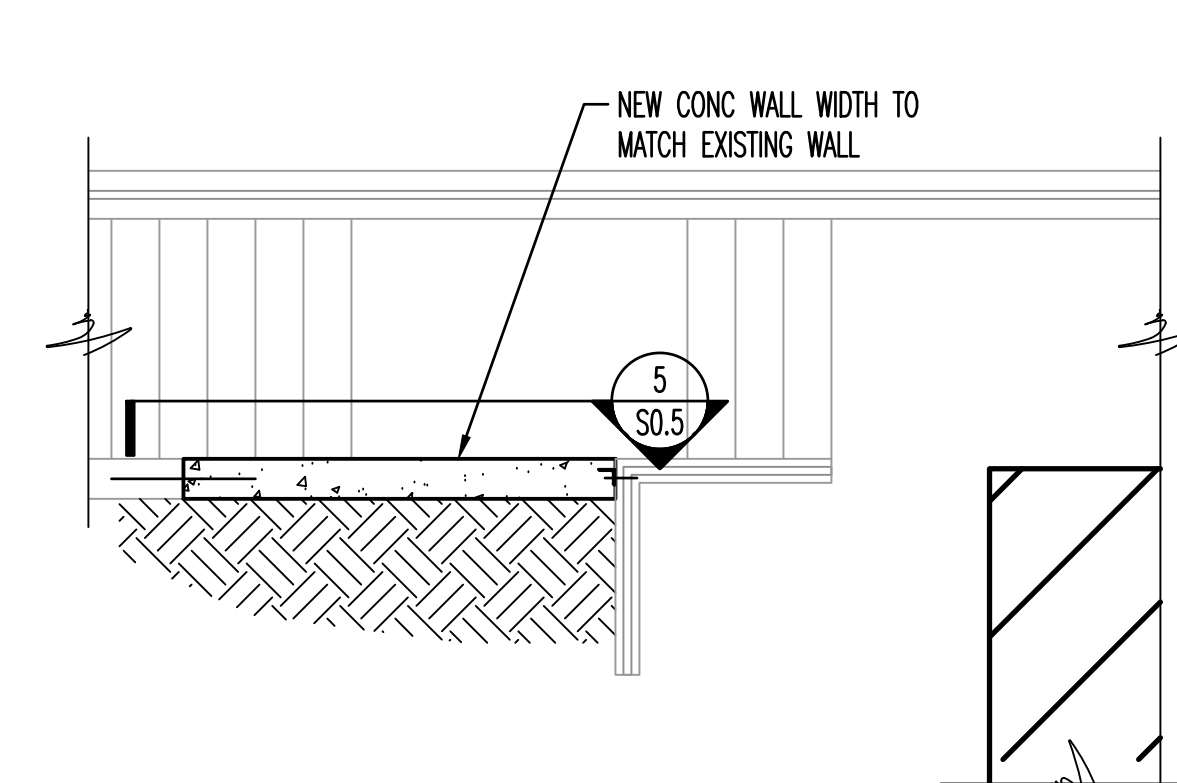
- NO TRUCKS FOR CLSM OR OTHER WORK TO BE STAGED ON WEST JEFFERSON STREET OR WEST JEFFERSON STREET SIDEWALK.
- VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- PROVIDE TEMPORARY PLUGGING OF WEEP HOLES IN EXISTING RETAINING WALL PRIOR TO PLACEMENT OF CLSM. REMOVE TEMPORARY PLUGS AFTER CLSM IS POURED.



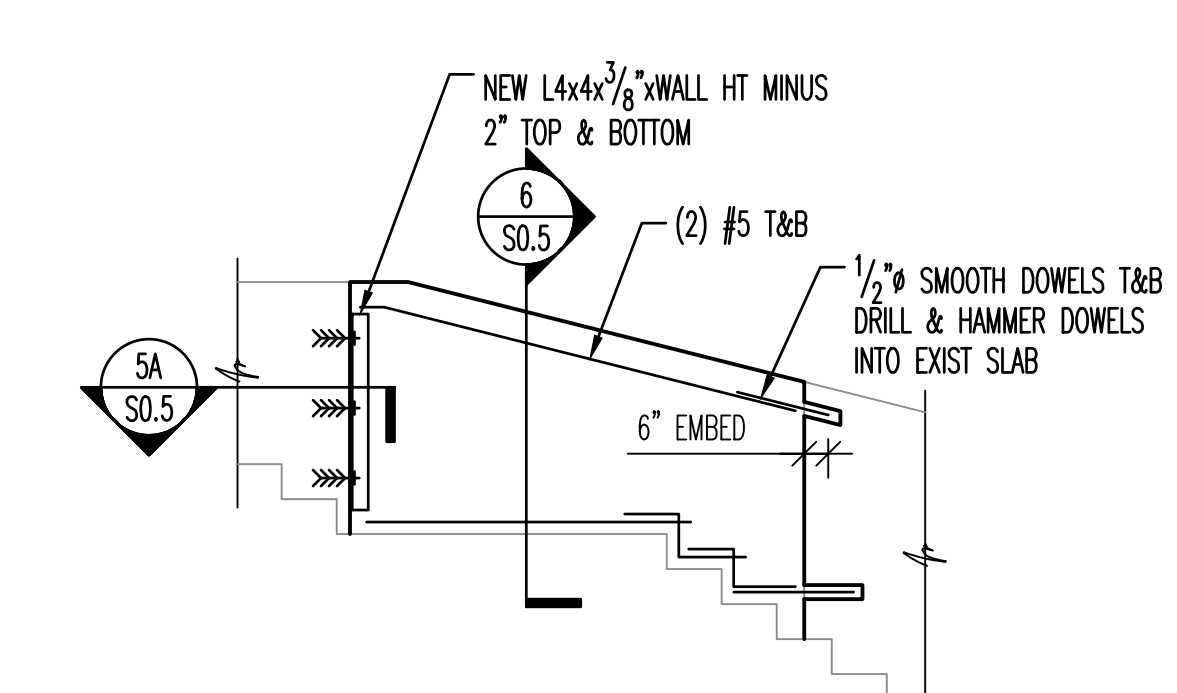
2 EXISTING CONDITIONS
S0.5 1/4" = 1'-0"



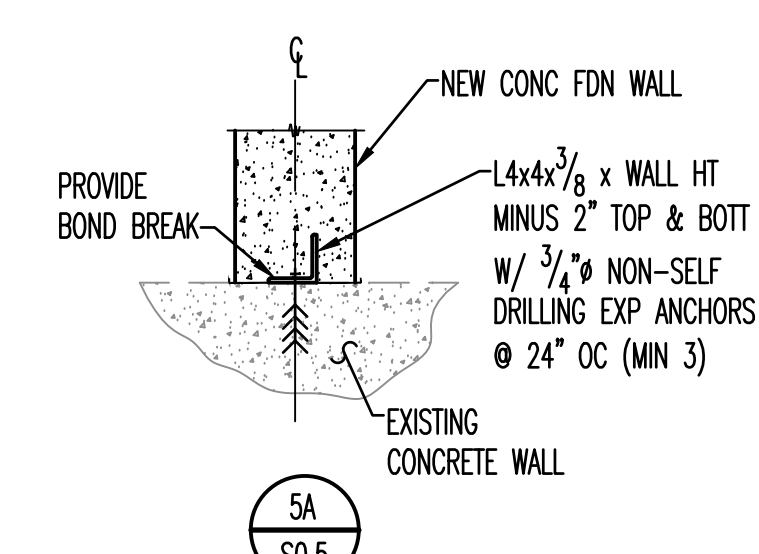
3 DEMO PLAN
S0.5 1/4" = 1'-0"



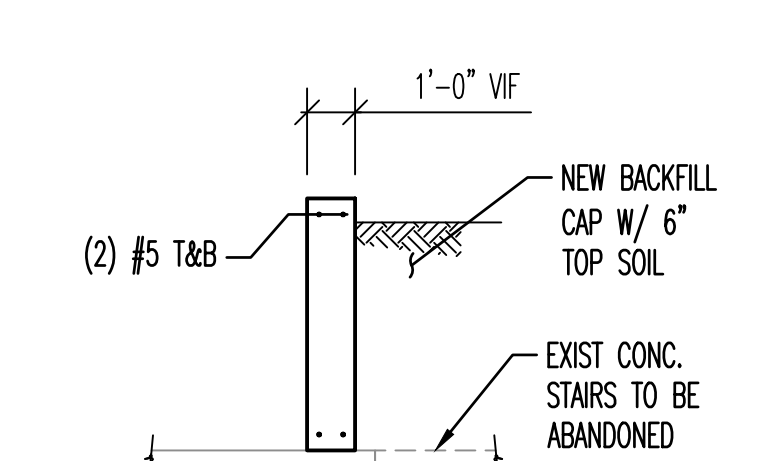
4 NEW STAIR PLAN
S0.5 1/4" = 1'-0"



5 CLSM FILL AT EXISTING STAIR
S0.5 1/4" = 1'-0"



5A
S0.5



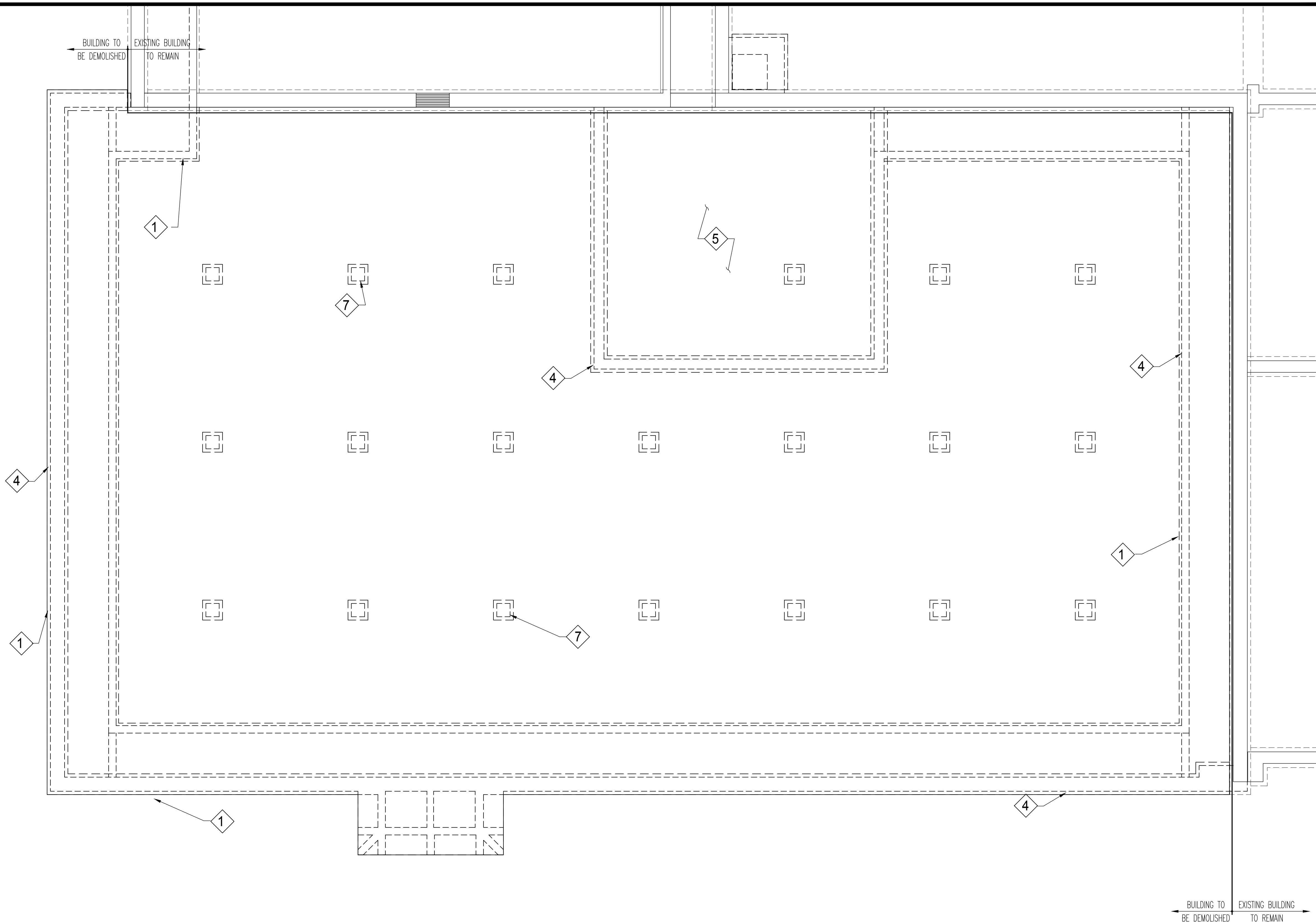
6 DETAIL
S0.5 1/4" = 1'-0"

SHEET NOTES

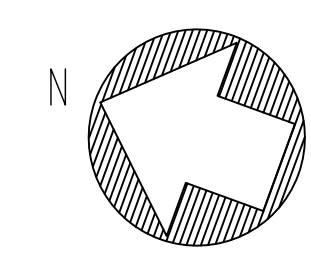
- SEE SHEET S0.0 AND S0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
- CONTRACTOR TO TAKE CARE OF DEMOLITION AGAINST THE EXISTING BUILDING TO REMAIN.
- THE CONSTRUCTION DOCUMENTS INDICATE THE OVERALL AREAS OF WORK. INCIDENTAL WORK ASSOCIATED BUT NOT SHOWN ON THE CONSTRUCTION DOCUMENTS MAY BE REQUIRED OUTSIDE THE PROJECT AREAS. THIS WORK IS PART OF THE CONSTRUCTION CONTRACT AND IS TO BE COMPLETED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- DEMOLITION WORK AS SHOWN ON DRAWINGS IS TO INDICATE IN A GENERAL MANNER THE REMOVAL OF EXISTING CONSTRUCTION AND IS NOT INTENDED TO BE EXCLUSIVE. PROVIDE ALL DEMOLITION REQUIRED TO ACCOMMODATE OR INSTALL ALL NEW WORK FOR ALL TRADES. VERIFY ALL CONDITIONS AT BUILDING SITE PRIOR TO BID SUBMITTAL.
- REFER TO ARCHITECTURAL DRAWINGS FOR ARCHITECTURAL DEMOLITION INFORMATION.
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS REGARDING DEMOLITION AND ALTERATION PROCEDURES.
- VERIFY EXISTING FIELD CONDITIONS AND PROMPTLY REPORT ANY DISCREPANCIES FROM THE DRAWINGS TO THE ARCHITECT.
- ALL EXISTING SYSTEMS - HEATING, COOLING, FIRE ALARM, SECURITY, ETC. SHALL REMAIN IN OPERATION AT UNAFFECTED AREAS AT ALL TIMES DURING DEMOLITION. COORDINATE ALL SHUTDOWNS WITH THE OWNER'S BUILDING ENGINEER.
- ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELED TO MATCH EXISTING ADJACENT SURFACE (MATCH EXISTING CONDITION AT DOOR JAMBS) VERIFY IN FIELD.
- ALL ITEMS INDICATED TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DAMAGED ITEMS ARE TO BE PATCHED AND REPAIRED OR REPLACED AS REQUIRED TO MATCH ADJACENT SURFACE, AT NO ADDITIONAL COST TO OWNER.
- WHEN THE REMOVAL OF EXISTING SURFACE MATERIAL IS REQUIRED TO COMPLETE CONTRACT WORK AND A NEW FINISH IS NOT SCHEDULED, PATCH/REPAIR AND PRIME THE AFFECTED SURFACE TO RECEIVE NEW FINISH.
- WHERE PIPES, CONDUITS, DUCTWORK, ETC. HAVE BEEN REMOVED FROM ANY WALL, FLOOR, CEILING OR ROOF SYSTEM THAT IS TO REMAIN, THE OPENING SHALL BE INFILLED WITH MATERIALS THAT MATCH EXISTING ADJACENT CONSTRUCTION AND RESTORED TO MAINTAIN DESIGNATED FIRE OR SMOKE RATING.
- WALLS NOTED TO BE REMOVED IN THEIR ENTIRETY SHALL INCLUDE ALL ASSOCIATED MECHANICAL, ELECTRICAL AND PLUMBING ELEMENTS AS REQUIRED FOR NEW CONSTRUCTION. REMOVE AND TERMINATE ACCORDING TO MEFPD DRAWINGS. PATCH FLOOR AND WALL AREAS AT LOCATIONS OF REMOVED WALLS, PIPING, CONDUIT AND DUCTWORK. PREPARE FOR NEW CONSTRUCTION.
- PATCH ALL EXISTING WALL SURFACES TO REMAIN AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE SMOOTH AND LEVEL SURFACES.
- ON DOORS THAT ARE TO BE REMOVED RETURN ALL DOOR HARDWARE TO OWNER PRIOR TO DISPOSAL.

DEMOLITION KEY NOTES

- FOOTING AND FOUNDATION WALL TO BE REMOVED, COORDINATE CUT LINE WITH THE STRUCTURAL REQUIREMENTS. PORTION OF FOUNDATION SUPPORTING EXISTING BUILDING TO REMAIN.
- DEMOLISH ENTIRE BUILDING TO THE NORTH AND WEST OF DEMOLITION LINE.
- REMOVE EXISTING SLAB ON GRADE
- EXISTING PIERS AND FOOTINGS. REMOVE OFF SITE TYPICAL



1 BASEMENT AND FOUNDATION DEMOLITION PLAN
SD0.0 3/16" = 1'-0"



Participating Consultants:

Larson Engineering Inc
1488 Bond Street, Suite 100
Naperville, Illinois 60563-8405
P: 630.257.0540 F: 630.257.0164
ILLINOIS LICENSE NO. 184.001442
I.E.A. Comm. No. 21180581.000

Project Name:
CONSTRUCTION DOCUMENTS
NEW DEMOLITION AND STABILIZATION PROJECT
FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signatures _____ Date: _____

The following drawings have been prepared under my direct supervision:
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:
BASEMENT AND FOUNDATION
DEMOLITION PLAN

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

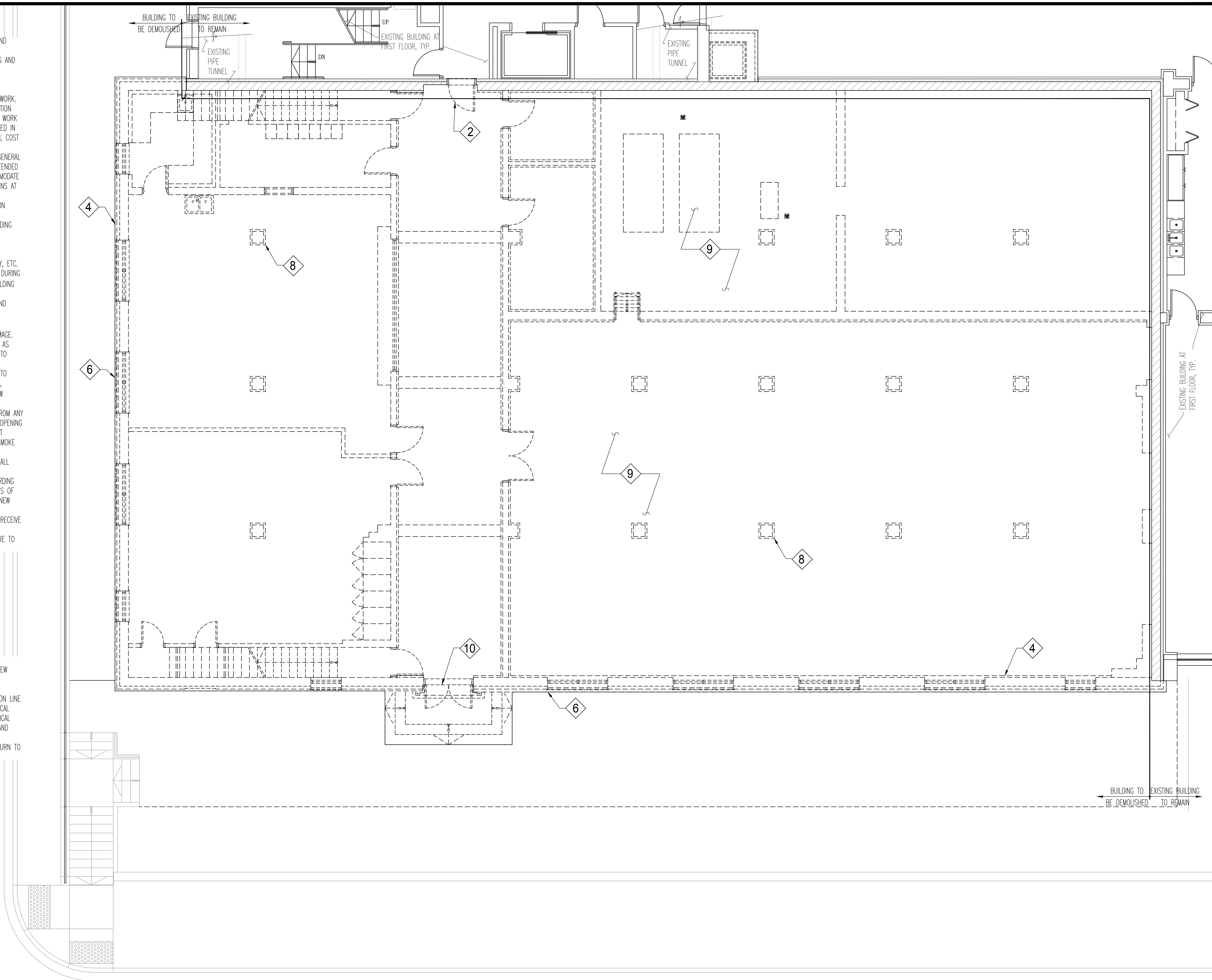
Project No.: 21230481 Date: 5/2/2024
Drawn By: KPB Checked By: TGV

SHEET NOTES

- SEE SHEET S0.0 AND S0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
- CONTRACTOR TO TAKE CARE OF DEMOLITION AGAINST THE EXISTING BUILDING TO REMAIN.
- THE CONSTRUCTION DOCUMENTS INDICATE THE OVERALL AREAS OF WORK. INCIDENTAL WORK ASSOCIATED BUT NOT SHOWN ON THE CONSTRUCTION DOCUMENTS MAY BE REQUIRED OUTSIDE THE PROJECT AREAS. THIS WORK IS PART OF THE CONSTRUCTION CONTRACT AND IS TO BE COMPLETED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- DEMOLITION WORK AS SHOWN ON DRAWINGS IS TO INDICATE IN A GENERAL MANNER THE REMOVAL OF EXISTING CONSTRUCTION AND IS NOT INTENDED TO BE EXCLUSIVE. PROVIDE ALL DEMOLITION REQUIRED TO ACCOMMODATE OR INSTALL ALL NEW WORK FOR ALL TRADES. VERIFY ALL CONDITIONS AT BUILDING SITE PRIOR TO BID SUBMITTAL.
- REFER TO ARCHITECTURAL DRAWINGS FOR ARCHITECTURAL DEMOLITION INFORMATION.
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS REGARDING DEMOLITION AND ALTERATION PROCEDURES.
- VERIFY EXISTING FIELD CONDITIONS AND PROMPTLY REPORT ANY DISCREPANCIES FROM THE DRAWINGS TO THE ARCHITECT.
- ALL EXISTING SYSTEMS - HEATING, COOLING, FIRE ALARM, SECURITY, ETC. SHALL REMAIN IN OPERATION AT UNAFFECTED AREAS AT ALL TIMES DURING DEMOLITION. COORDINATE ALL SHUTDOWNS WITH THE OWNER'S BUILDING ENGINEER.
- ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELLED TO MATCH EXISTING ADJACENT SURFACE (MATCH EXISTING CONDITION AT DOOR JAMBS) VERIFY IN FIELD.
- ALL ITEMS INDICATED TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DAMAGED ITEMS ARE TO BE PATCHED AND REPAIRED OR REPLACED AS REQUIRED TO MATCH ADJACENT SURFACE, AT NO ADDITIONAL COST TO OWNER.
- WHEN THE REMOVAL OF EXISTING SURFACE MATERIAL IS REQUIRED TO COMPLETE CONTRACT WORK AND A NEW FINISH IS NOT SCHEDULED, PATCH/REPAIR AND PRIME THE AFFECTED SURFACE TO RECEIVE NEW FINISH.
- WHERE PIPES, CONDUITS, DUCTWORK, ETC. HAVE BEEN REMOVED FROM ANY WALL, FLOOR, CEILING OR ROOF SYSTEM THAT IS TO REMAIN, THE OPENING SHALL BE INFILLED WITH MATERIALS THAT MATCH EXISTING ADJACENT CONSTRUCTION AND RESTORED TO MAINTAIN DESIGNATED FIRE OR SMOKE RATING.
- WALLS NOTED TO BE REMOVED IN THEIR ENTIRETY SHALL INCLUDE ALL ASSOCIATED MECHANICAL, ELECTRICAL AND PLUMBING ELEMENTS AS REQUIRED FOR NEW CONSTRUCTION. REMOVE AND TERMINATE ACCORDING TO MEFPD DRAWINGS. PATCH FLOOR AND WALL AREAS AT LOCATIONS OF REMOVED WALLS, PIPING, CONDUIT AND DUCTWORK. PREPARE FOR NEW CONSTRUCTION.
- PATCH ALL EXISTING WALL SURFACES TO REMAIN AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE SMOOTH AND LEVEL SURFACES.
- ON DOORS THAT ARE TO BE REMOVED RETURN ALL DOOR HARDWARE TO OWNER PRIOR TO DISPOSAL.

DEMOLITION KEY NOTES

- EXISTING DOOR TO BE REMOVED. PREPARE FOR INSTALLATION OF NEW WALL INFILL
- NOT USED
- DEMOLISH ENTIRE BUILDING TO THE NORTH AND WEST OF DEMOLITION LINE
- EXISTING MULTI WYTHE WALL DEMOLISH AND REMOVE OFF SITE TYPICAL
- EXISTING CONCRETE COLUMN DEMOLISH AND REMOVE OFF SITE TYPICAL
- EXISTING CONCRETE TWO WAY SLAB AND BEAM SYSTEM DEMOLISH AND REMOVE OFF SITE TYPICAL
- SALVAGE THE DE LA SALLE LIMESTONE HEADSTONE AND LINTEL RETURN TO OWNER



1 FIRST FLOOR DEMOLITION PLAN
SD0.1 3/16" = 1'-0"



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Participating Consultants:

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P: 630.257.0540 F: 630.257.0164
ILLINOIS LICENSE NO. 184.001442
I.E.S. Comm. No. 23189568.000

Project Name:

CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signature: _____ Date: _____

The following drawings have been prepared under my direct supervision:

SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

FIRST FLOOR DEMOLITION PLAN

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024

Drawn By: WPD Checked By: TGV

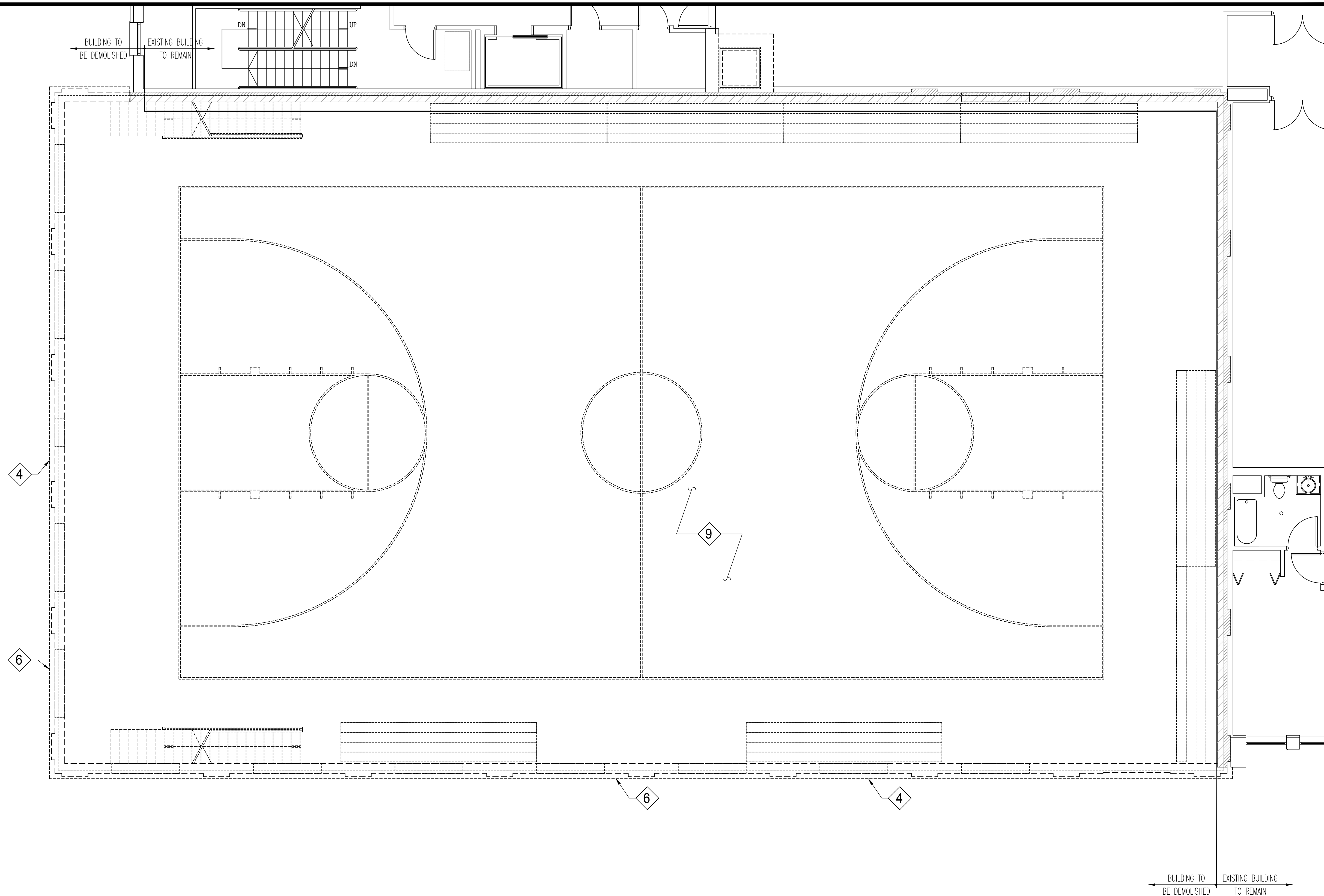
SD0.1

SHEET NOTES

- SEE SHEET S0.0 AND S0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
- CONTRACTOR TO TAKE CARE OF DEMOLITION AGAINST THE EXISTING BUILDING TO REMAIN.
- THE CONSTRUCTION DOCUMENTS INDICATE THE OVERALL AREAS OF WORK. INCIDENTAL WORK ASSOCIATED BUT NOT SHOWN ON THE CONSTRUCTION DOCUMENTS MAY BE REQUIRED OUTSIDE THE PROJECT AREAS. THIS WORK IS PART OF THE CONSTRUCTION CONTRACT AND IS TO BE COMPLETED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
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- REFER TO ARCHITECTURAL DRAWINGS FOR ARCHITECTURAL DEMOLITION INFORMATION.
- REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS REGARDING DEMOLITION AND ALTERATION PROCEDURES.
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DEMOLITION KEY NOTES

- DEMOLISH ENTIRE BUILDING TO THE NORTH AND WEST OF DEMOLITION LINE.
- EXISTING MULTI WYTHE WALL DEMOLISH AND REMOVE OFF SITE TYPICAL
- EXISTING CONCRETE COLUMN DEMOLISH AND REMOVE OFF SITE TYPICAL
- EXISTING CONCRETE TWO WAY SLAB AND BEAM SYSTEM DEMOLISH AND REMOVE OFF SITE TYPICAL



1 SECOND FLOOR DEMOLITION PLAN
SD0.2 3/16" = 1'-0"



Participating Consultants:

Larson Engineering Inc
1488 Bond Street, Suite 100
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P: 630.257.0540 F: 630.257.0164
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Project Name:
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NEW DEMOLITION AND STABILIZATION PROJECT
FOR
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AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signatures: _____ Date: _____

The following drawings have been prepared under my direct supervision:
S0.0, S0.1, S0.2, S0.3, S0.4, S0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:
SECOND FLOOR DEMOLITION PLAN

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: WPD Checked By: TGV

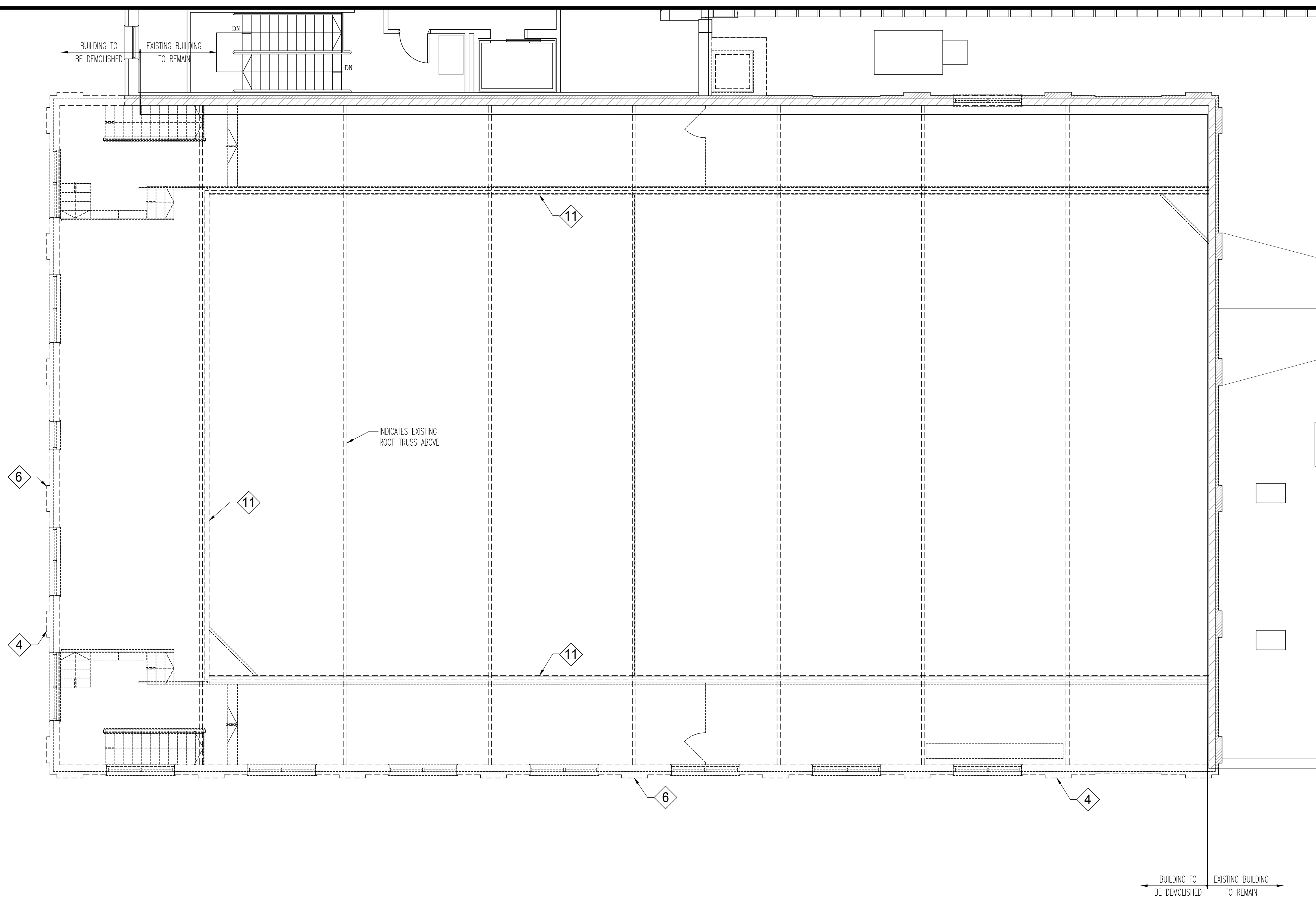
SD0.2

SHEET NOTES

- SEE SHEET S0.0 AND S0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
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DEMOLITION KEY NOTES

- DEMOLISH ENTIRE BUILDING TO THE NORTH AND WEST OF DEMOLITION LINE.
- EXISTING MULTI WYTHE WALL DEMOLISH AND REMOVE OFF SITE TYPICAL
- EXISTING CONCRETE RISER AND STEEL WIDE FLANGE GALLERY DEMOLISH AND REMOVE OFF SITE TYPICAL

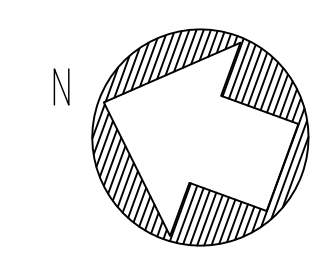


NOTE: GALLERY, MEZZANINE SUPPORTED FROM ROOF TRUSS ABOVE & EXTERIOR WALL

1
SD0.3

SECOND FLOOR GALLERY
DEMOLITION PLAN

3/16" = 1'-0"



Participating Consultants:



Project Name:
CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signatures: _____ Date: _____

The following drawings have been prepared under my direct supervision:
S0.0, S0.1, S0.2, S0.3, S0.4, S0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:
EXISTING SECOND FLOOR GALLERY
DEMOLITION PLAN

Issue/ Revision:

No.	Date	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: KPB Checked By: TGV

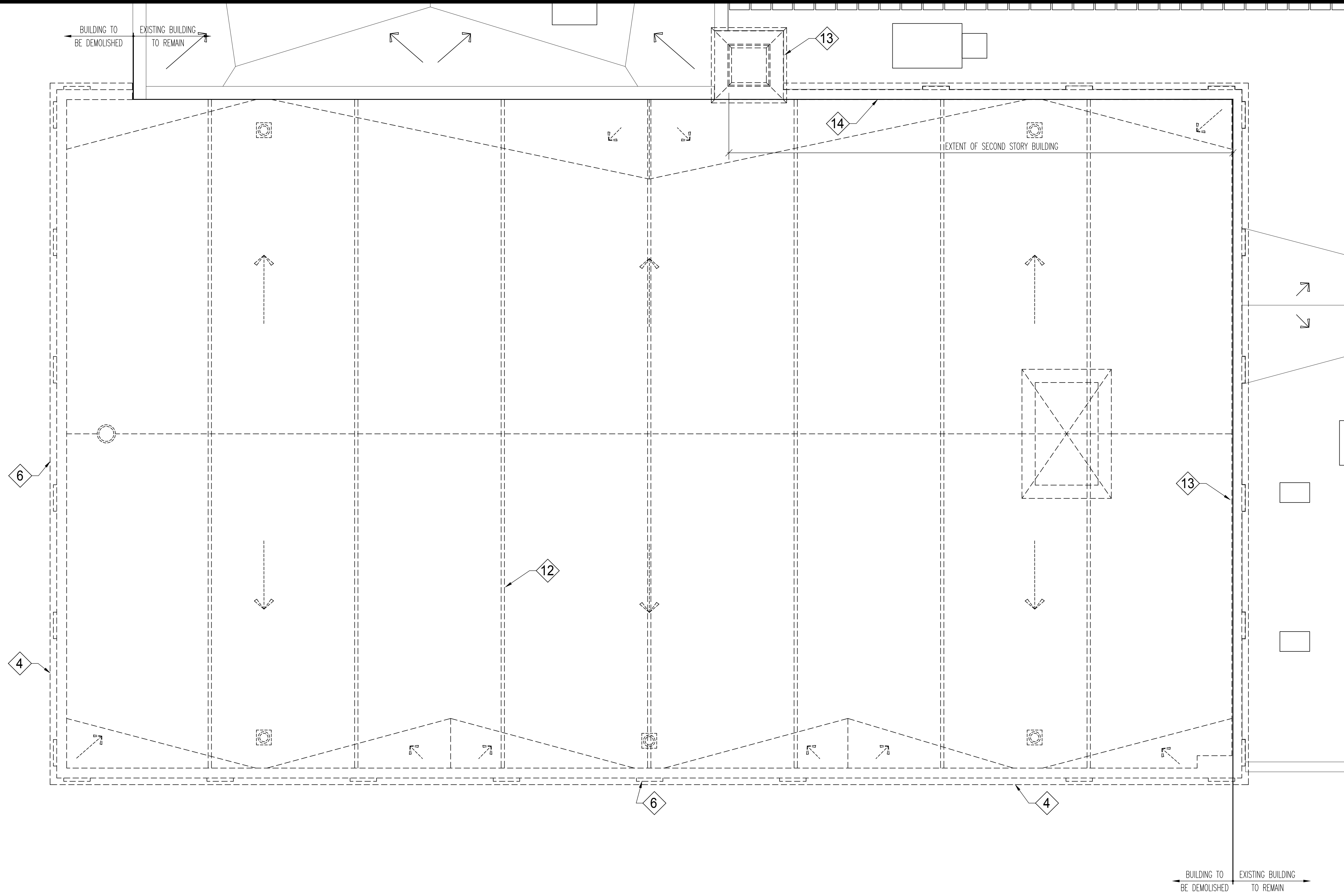
SD0.3

SHEET NOTES

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- ALL AREAS AFFECTED BY DEMOLITION TO BE PATCHED, REPAIRED AND LEVELED TO MATCH EXISTING ADJACENT SURFACE (MATCH EXISTING CONDITION AT DOOR JAMBS) VERIFY IN FIELD.
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- WHEN THE REMOVAL OF EXISTING SURFACE MATERIAL IS REQUIRED TO COMPLETE CONTRACT WORK AND A NEW FINISH IS NOT SCHEDULED, PATCH/REPAIR AND PRIME THE AFFECTED SURFACE TO RECEIVE NEW FINISH.
- WHERE PIPES, CONDUITS, DUCTWORK, ETC. HAVE BEEN REMOVED FROM ANY WALL, FLOOR, CEILING OR ROOF SYSTEM THAT IS TO REMAIN, THE OPENING SHALL BE INFILLED WITH MATERIALS THAT MATCH EXISTING ADJACENT CONSTRUCTION AND RESTORED TO MAINTAIN DESIGNATED FIRE OR SMOKE RATING.
- WALLS NOTED TO BE REMOVED IN THEIR ENTIRETY SHALL INCLUDE ALL ASSOCIATED MECHANICAL, ELECTRICAL AND PLUMBING ELEMENTS AS REQUIRED FOR NEW CONSTRUCTION. REMOVE AND TERMINATE ACCORDING TO MEPPF DRAWINGS. PATCH FLOOR AND WALL AREAS AT LOCATIONS OF REMOVED WALLS, PIPING, CONDUIT AND DUCTWORK. PREPARE FOR NEW CONSTRUCTION.
- PATCH ALL EXISTING WALL SURFACES TO REMAIN AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE SMOOTH AND LEVEL SURFACES.
- ON DOORS THAT ARE TO BE REMOVED RETURN ALL DOOR HARDWARE TO OWNER PRIOR TO DISPOSAL.

DEMOLITION KEY NOTES

- DEMOLISH ENTIRE BUILDING TO THE NORTH AND WEST OF DEMOLITION LINE.
- EXISTING MULTI WYTHE WALL DEMOLISH AND REMOVE OFF SITE TYPICAL.
- EXISTING STEEL ROOF TRUSS WITH 4x8 PURLINS DEMOLISH AND REMOVE OFF OF SITE TYPICAL.
- EXISTING CHIMNEY STACK TO BE CUT DOWN AND CAPPED JUST ABOVE THE EXISTING ROOF COPING OF THE 3 STORY WING. SEE ARCH DWGS FOR CAPPING OF THE CHIMNEY.
- EXISTING MULTI WYTHE WALL TO BE DEMOLISHED ABOVE ROOF LINE OF ADJACENT TWO STORY BUILDING. SEE ARCHITECTURAL DRAWINGS FOR FLASH.



1 ROOF DEMOLITION PLAN
SD0.4 3/16" = 1'-0"



Participating Consultants:

Larson Engineering Inc
1488 Bond Street, Suite 100
Naperville, Illinois 60563-8405
P: 630.257.0540 F: 630.257.0164
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LEA Comm. No. 2189568.000

Project Name:

CONSTRUCTION DOCUMENTS
NEW DEMOLITION AND STABILIZATION PROJECT

FOR
THE CITY OF JOLIET
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25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signatures: _____ Date: _____

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SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

ROOF DEMOLITION PLAN

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: WPD Checked By: TGV

SD0.4



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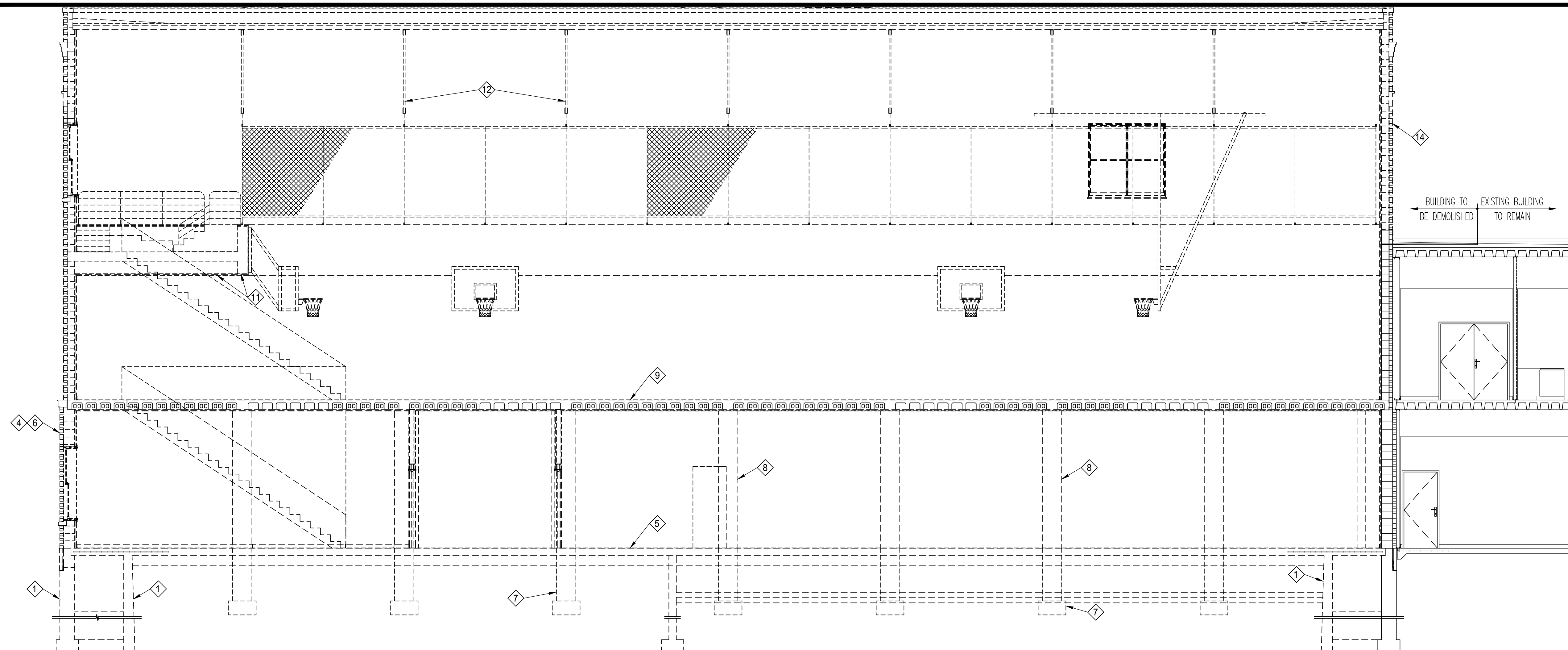
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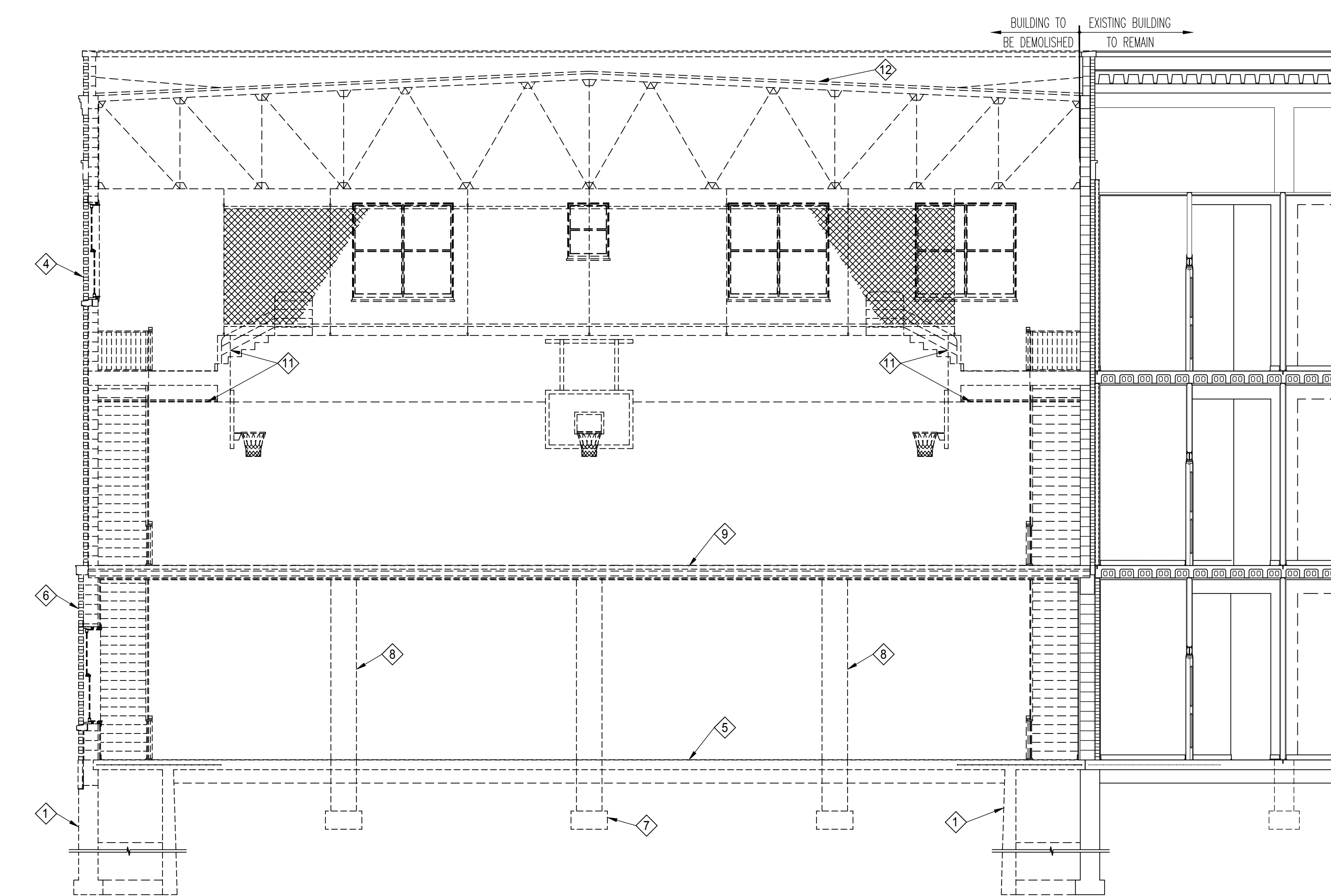
Project Name:

CONSTRUCTION DOCUMENTS
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FOR
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AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435



1
SD0.5 PARTIAL LONGITUDINAL
SECTION THRU AUDITORIUM
3/16" = 1'-0"



2
SD0.5 PARTIAL SECTION THRU
AUDITORIUM LOOKING SOUTH
3/16" = 1'-0"

DEMOLITION KEY NOTES

1. FOOTING AND FOUNDATION WALL TO BE REMOVED, COORDINATE CUT LINE WITH THE STRUCTURAL REQUIREMENTS. PORTION OF FOUNDATION SUPPORTING EXISTING BUILDING TO REMAIN.
4. DEMOLISH ENTIRE BUILDING TO THE NORTH AND WEST OF DEMOLITION LINE.
5. REMOVE EXISTING SLAB ON GRADE.
6. EXISTING MULTI WYTHE WALL DEMOLISH AND REMOVE OFF SITE TYPICAL.
7. EXISTING PIERS AND FOOTINGS DEMOLISH AND REMOVE OFF SITE TYPICAL.
8. EXISTING CONCRETE COLUMN DEMOLISH AND REMOVE OFF SITE TYPICAL.
9. EXISTING CONCRETE TWO WAY SLAB AND BEAM SYSTEM DEMOLISH AND REMOVE OFF SITE TYPICAL.
11. EXISTING CONCRETE RISER AND STEEL WIDE FLANGE GALLERY DEMOLISH AND REMOVE OFF SITE TYPICAL.
12. EXISTING STEEL ROOF TRUSS WITH 4x8 PURLINS DEMOLISH AND REMOVE OFF OF SITE TYPICAL.
14. EXISTING MULTI WYTHE WALL TO BE DEMOLISHED ABOVE ROOF LINE OF ADJACENT TWO STORY BUILDING. SEE ARCHITECTURAL DRAWINGS FOR FLASH.

Signature: _____ Date: _____

The following drawings have been prepared under my direct supervision:
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

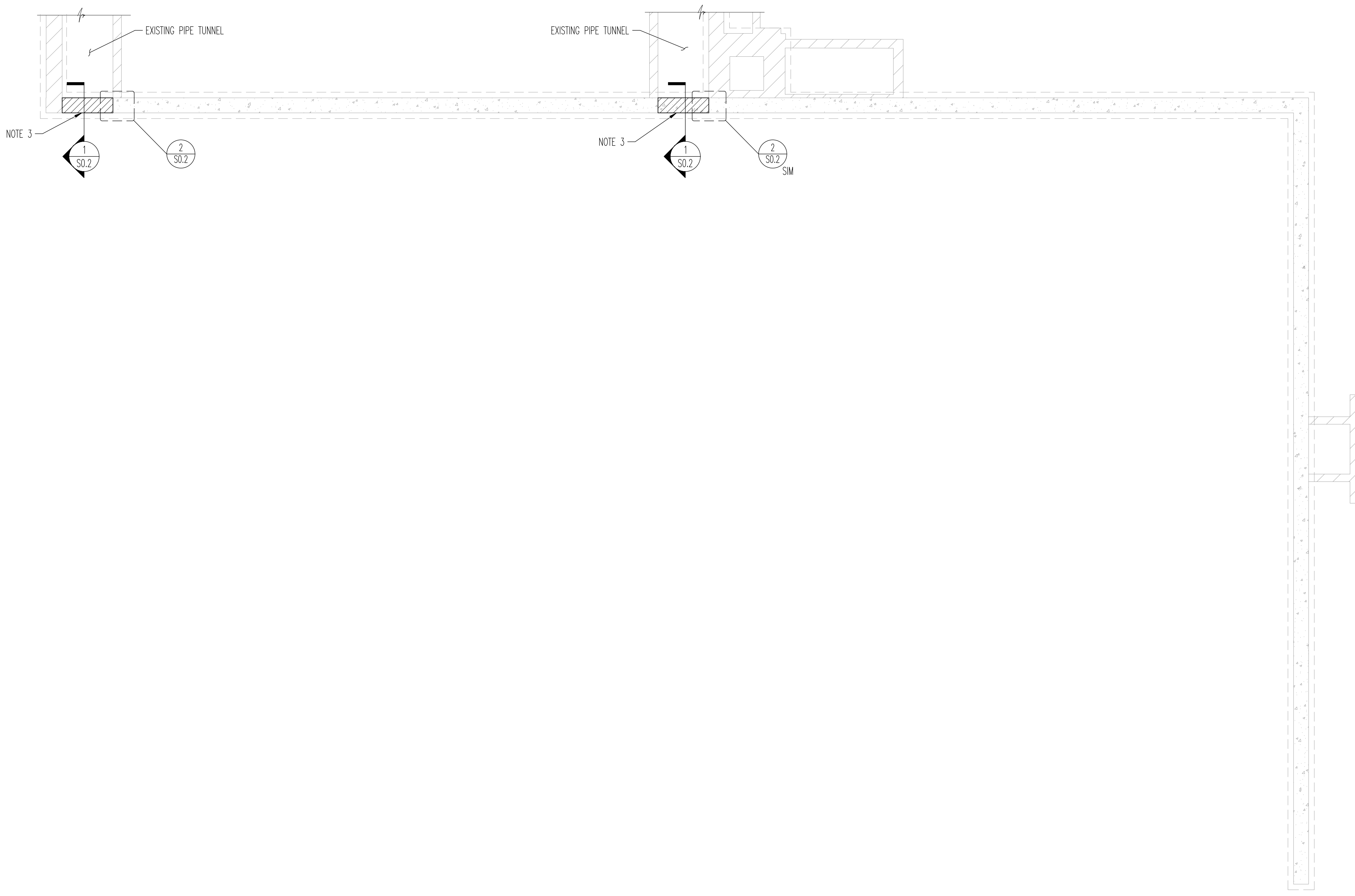
DEMOLITION BUILDING SECTIONS

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: KPB Checked By: TGV

SD0.5



1 NEW BASEMENT AND FOUNDATION PLAN

S1.0 3/16" = 1'-0"

- SHEET NOTES:**
- 1) SEE SHEET S0.0 AND S0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SPECIAL INSPECTION TABLES.
 - 2) VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
 - 3) INDICATES 12" CMU TUNNEL INFILL W/ #6 @ 24" OC. GROUT CELLS W/ REINFORCING FULL HEIGHT. PROVIDE AN ADDITIONAL #6 @ EACH END OF INFILL. AT LOCATIONS W/ NEW CMU PROVIDE PURE 110+ OR APPROVED EQUIVALENT TO EPOXY GROUT #6 DOWELS INTO EXISTING FOUNDATION. EMBED DOWELS AS REQUIRED BY MANUFACTURER TO DEVELOP REINFORCEMENT TENSILE STRENGTH, 9 1/2" MINIMUM. SEE DETAIL 1/S0.2.

Participating Consultants:

**Larson
Engineering Inc**
1488 Bond Street, Suite 100
 Naperville, Illinois 60563-8405
 P: 630.257.0540 | F: 630.257.0164
 ILLINOIS LICENSE NO. 184.001442
 I.E.A. Comm. No. 21189581.000

Project Name:
 CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
 AND STABILIZATION
 PROJECT**
 FOR
 THE CITY OF JOLIET
 AT THE VICTORY CENTRE GYMNASIUM
 25 N. BROADWAY STREET
 JOLIET, ILLINOIS 60435

Signatures _____ Date: _____

The following drawings have been prepared under my direct supervision:
 S0.0, S0.1, S0.2, S0.3, S0.4, S0.5,
 SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
 S1.0, S1.1, S1.2, S1.3

Drawing Title:
 NEW BASEMENT AND FOUNDATION
 PLAN

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
 Drawn By: WPD Checked By: TGV



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Participating Consultants:



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LEA Comm. No. 21180561.000

Project Name:

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**NEW DEMOLITION
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JOLIET, ILLINOIS 60435

Signatures _____ Date: _____

The following drawings have been prepared under my direct supervision:

SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

NEW FIRST FLOOR PLAN

Issue/ Revision:

No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024

Drawn By: WPD Checked By: TGV

S1.1

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WEST JEFFERSON STREET

NORTH HICKORY STREET

4'-0" OC
TYP

4'-0" OC
TYP

NOTE 5

NOTE 5

NOTE 6

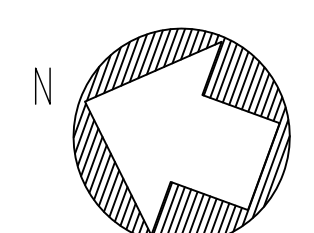
4
SD0.5

3
SD0.2

3
SD0.2

1
S1.1

NEW FIRST FLOOR PLAN
3/16" = 1'-0"



SHEET NOTES:

- 1) PATCH EXISTING WALL SURFACE AFTER REMOVAL OF EXISTING STRUCTURAL ELEMENTS. TOOTH IN NEW MASONRY AS REQUIRED.
- 2) SEE SHEET SD0.0 AND SD0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
- 3) VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
- 4) AT LOCATIONS W/ NEW CMU PROVIDE PURE 110+ OR APPROVED EQUIVALENT TO EPOXY GROUT #6 DOWELS INTO EXISTING FOUNDATION. EMBED DOWELS AS REQUIRED BY MANUFACTURER TO DEVELOP REINFORCEMENT TENSILE STRENGTH, 9 1/2" MINIMUM.
- 5) INDICATES 10MM x 8" LONG STITCH BY PROSOCO OR APPROVED EQUIVALENT INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AT 16" OC HORIZONTALLY AND 24" OC VERTICALLY.
- 6) AFTER DEMOLITION AND ALL CONSTRUCTION MATERIAL AND DEBRIS HAS BEEN REMOVED PROVIDE 3" CLEAR STONE IN 12" LIFT COMPACT TO 90% MODIFIED PROCTOR DENSITY. CHOKE OFF WITH 12" LIFT OF CA-6 COMPACT TO 90% MODIFIED PROCTOR DENSITY. CAP CA-6 W/ 12" CLAY COMPACT TO 90% MODIFIED PROCTOR DENSITY AND ADD 6" TOP SOIL. SEE ARCHITECTURAL DRAWINGS.



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ILLINOIS LICENSE NO. 184.001442
LEA Comm. No. 21189561.000

Project Name:

CONSTRUCTION DOCUMENTS
**NEW DEMOLITION
AND STABILIZATION
PROJECT**

FOR
THE CITY OF JOLIET
AT THE VICTORY CENTRE GYMNASIUM
25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signature Date:

The following drawings have been prepared under my direct supervision:

SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

NEW SECOND FLOOR PLAN

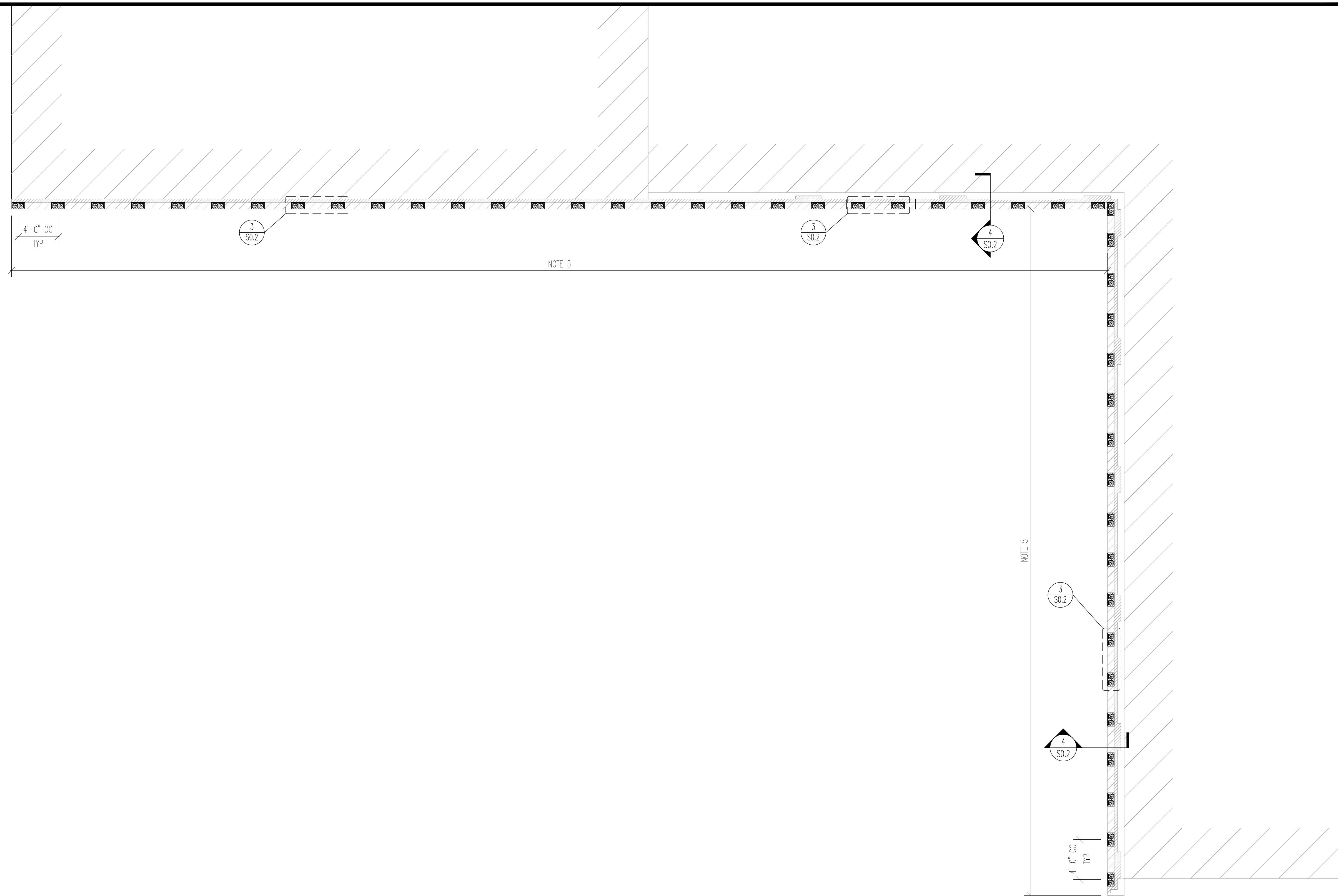
Issue/ Revision:

No.	Date	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024
Drawn By: WPD Checked By: TGV

S1.2

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SHEET NOTES:

- 1) PATCH EXISTING WALL SURFACE AFTER REMOVAL OF EXISTING ROOF TRUSSES AND ROOF. TOOTH IN NEW MASONRY AS REQUIRED.
- 2) SEE SHEET SD0.0 AND SD0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SPECIAL INSPECTION TABLES.
- 3) VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS AND ARCHITECTURAL DRAWINGS.
- 4) REINFORCE EXISTING MULTI WYTHE WALL WITH NEW 8" CMU BLOCK. PROVIDE (1) ONE CONTINUOUS #6 PER CELL OF NEW CMU FULL HEIGHT OF WALL. GROUT CELLS W/ REINFORCING SOLID FULL HEIGHT. SEE DETAIL 3/S0.2.
- 5) INDICATES 10MM x 8" LONG STITCH BY PROSOCO OR APPROVED EQUIVALENT INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AT 16" OC HORIZONTALLY AND 24" OC VERTICALLY.

1 NEW SECOND FLOOR PLAN
S1.2 3/16" = 1'-0"





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Project Name:

CONSTRUCTION DOCUMENTS
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FOR
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25 N. BROADWAY STREET
JOLIET, ILLINOIS 60435

Signatures Date:

The following drawings have been prepared under my direct supervision:

SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
SD0.0, SD0.1, SD0.2, SD0.3, SD0.4, SD0.5,
S1.0, S1.1, S1.2, S1.3

Drawing Title:

NEW ROOF LEVEL PLAN

Issue/ Revision:

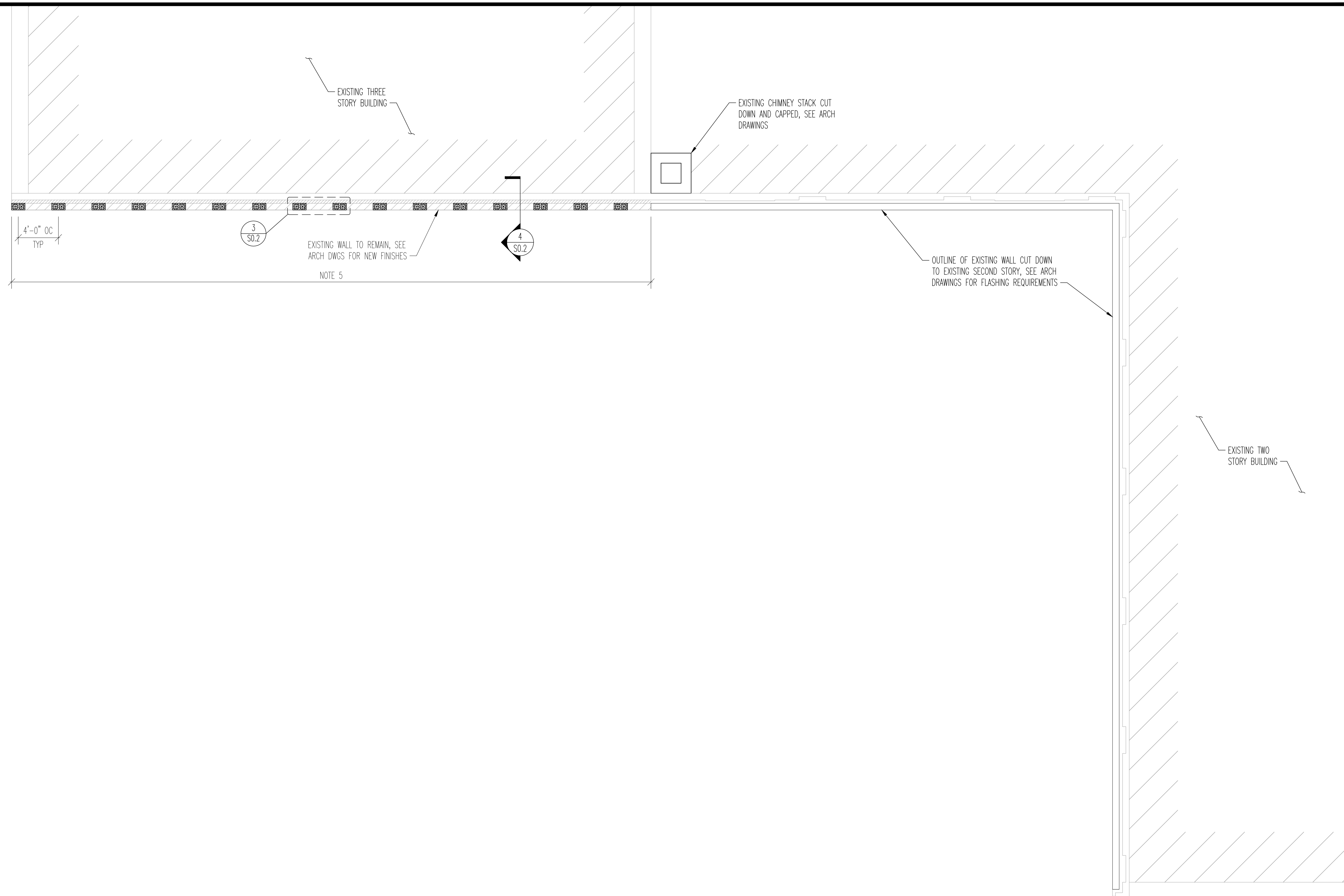
No.	Date:	Description
	5/2/2024	ISSUED FOR BID

Project No.: 21230481 Date: 5/2/2024

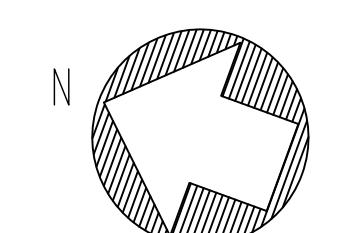
Drawn By: WPD Checked By: TGV

S13

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1 NEW ROOF LEVEL PLAN
S1.3 3/16" = 1'-0"



SHEET NOTES:

- 1) PATCH EXISTING WALL SURFACE AFTER REMOVAL OF EXISTING ROOF TRUSSES AND ROOF. TOOTH IN NEW MASONRY AS REQUIRED.
- 2) SEE SHEET SD0.0 AND SD0.1 FOR GENERAL NOTES, ABBREVIATIONS AND SPECIAL INSPECTION TABLES.
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