

PROPOSED ALTERATION FOR:
SHEBOYGAN SELF STORAGE

SHEBOYGAN, WI



ISSUE NO	REVISIONS	ISSUE DATE
1	MISCELLANEOUS REVISIONS	12-29-2021
2	MISCELLANEOUS REVISIONS	02-03-2022
3	MISCELLANEOUS REVISIONS	03-07-2022
4	MISC. ELEV. REVISIONS	03-21-2022
5	MISCELLANEOUS REVISIONS	04-07-2022

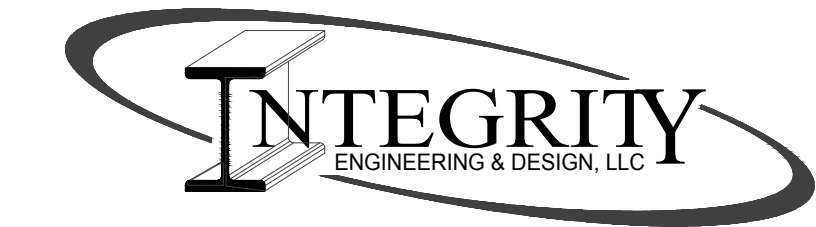
PROPOSED ALTERATIONS FOR:
SHEBOYGAN SELF STORAGE
SH1234 KENTUCKY AVE.
SHEBOYGAN, WI. 53081

Project number
Date
Drawn by
Checked by

21071
OCTOBER 28, 2021
T. BAUMGARTNER
C. DUESCHER

T1.0

ISSUED FOR CONSTRUCTION



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Phone: (920) 469-9288 Fax: (920) 469-6809
E-mail: Info@IntegrityEngineerng.biz

INTEGRITY MISSION STATEMENT

WE PROVIDE HIGH QUALITY ARCHITECTURAL DESIGN AND STRUCTURAL ENGINEERING. OUR PLANS MOVE SMOOTHLY THROUGH THE STATE REVIEW PROCESS AND MAKE BUILDING CONSTRUCTION MORE ENJOYABLE. OUR SERVICE IS UNMATCHED AND OUR INTEGRITY IS IMPECCABLE.

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THE CONTENT OR PRESENTATION OF MATERIAL ON THIS PLAN, PLEASE CALL (920) 469-9288

GENERAL CONDITIONS:

THESE PLANS ARE PRESENTED TO LEAD A HIGH QUALITY DESIGN/BUILD TEAM. EACH CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE TO PROVIDE EXCELLENT DESIGN, BUILDING MATERIALS, AND CRAFTSMANSHIP WHICH WE CAN ALL BE PROUD OF. WE ENCOURAGE YOU TO PROVIDE EXPERTISE IN YOUR CHOSEN FIELD AND TO BRING IDEAS AND CONCERNS TO THE ATTENTION OF THE GENERAL CONTRACTOR.

THESE DRAWINGS COVER STRUCTURAL AND GENERAL CONSTRUCTION ONLY. ALL WORK SHALL CONFORM TO STANDARD PRACTICES AND APPLICABLE LAWS, WHETHER THEY ARE SPECIFICALLY STATED IN THESE PLANS OR NOT.

EACH CONTRACTOR SHALL:

- VISIT THE SITE TO VERIFY EXISTING CONDITIONS, ACCESS, ETC. PRIOR TO BIDDING
- MAINTAIN A CLEAN JOB SITE AT ALL TIMES.
- OBTAIN AND PAY FOR PERMITS, LICENSES, FEES, ETC. AS MAY BE REQUIRED FOR COMPLETION OF HIS OWN PORTION OF THE PROJECT.
- FIELD VERIFY DIMENSIONS.
- REPORT ANY DISCREPANCY NOTED BETWEEN THESE PLANS AND APPLICABLE CODES TO THE GENERAL CONTRACTOR.
- PROVIDE ALL BARRIERS, FENCES, SAFETY EQUIPMENT AND PRECAUTIONS REQUIRED BY APPLICABLE LAWS AND STANDARD PRACTICES.

ALL MATERIALS SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.

ANY HAZARDOUS MATERIALS ENCOUNTERED DURING DEMOLITION, REMODELING, OR EXCAVATION SHALL BE REMOVED AND/OR CONTAINED IN ACCORDANCE WITH GOVERNING LOCAL, STATE, AND FEDERAL REGULATIONS.

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QUICK SPEC

TO MAKE THIS PLAN MORE CONTRACTOR FRIENDLY, WE HAVE PREPARED IT WITH OUR **QUICK SPEC** SYSTEM.

THE WRITTEN SPEC IS GENERAL AND DOES NOT GO INTO DEPTH TO REITERATE STANDARD PRACTICES OR APPLICABLE LAWS. IT IS WRITTEN IN AN EASY TO READ FORMAT. THE SPECIFICATION IS SPLIT INTO APPROPRIATE SECTIONS AND LISTED ON THE PLAN WHERE IT IS NEEDED. YOU WILL FIND THESE SECTIONS QUICKLY BY THE SHADOW BOX AROUND IT (SIMILAR TO THIS ONE).

SPECIFIC CASES THAT CANNOT BE DESCRIBED IN A GENERAL SPEC ARE NOTED ON THE PLANS. IF THERE IS A DISCREPANCY BETWEEN THE PLAN AND THE GENERAL SPEC, THE PLAN NOTES WILL SUPERSEDE THE GENERAL SPEC.

KEY TO SYMBOLS AND MATERIALS

SYMBOLS

XXXX
ELEV: XXX'-XX"

ROOM NAME
XXX

XXX DOOR NUMBER

X COLUMN LINE

X EXISTING COLUMN LINE

FE FIRE EXTINGUISHER

X NOTE

109 WINDOW IDENTIFICATION

X WALL TYPE

NEW MASONRY WALL

NEW STUD WALL

EXISTING WALL TO BE REMOVED

EXISTING WALL TO REMAIN

NEW STUD WALL IN REMODELED SPACE

DETAIL

SCALE: 1" = 1'-0"

XXX DETAIL NUMBER

XXX DETAIL IDENTIFICATION

XXX SHEET NUMBER

XXX DETAIL NUMBER

XXX SHEET NUMBER ON WHICH DETAIL WILL BE FOUND

PLAN DETAIL REFERENCE

AREA INCLUDED IN DETAIL

MATERIALS

LUMBER

BRICK

CONCRETE MASONRY UNIT (CMU)

COMPACTED FILL

RIGID INSULATION

BATT INSULATION

PLYWOOD

CONCRETE

CALL 3 WORK DAYS BEFORE YOU DIG

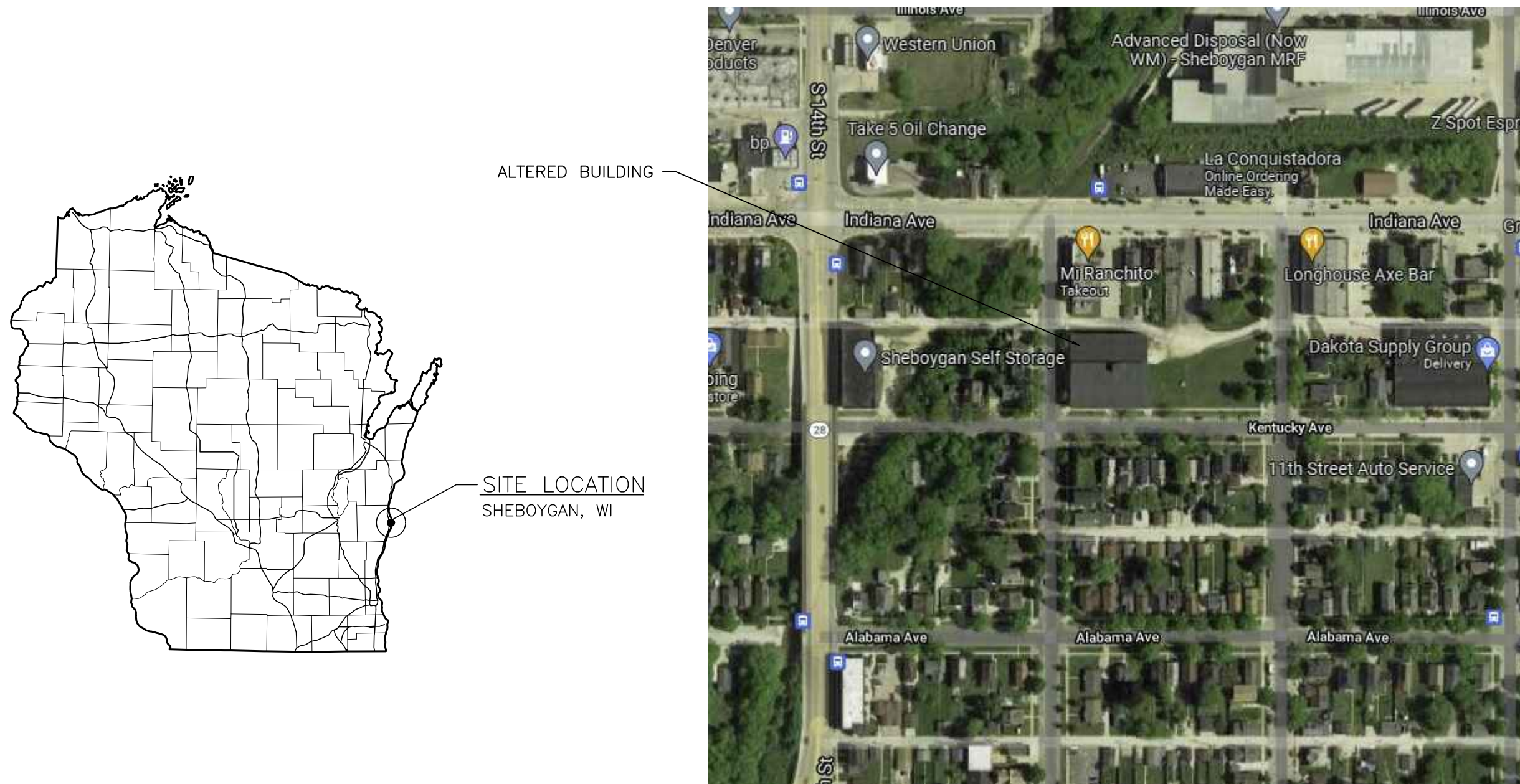
DIGGERS HOTLINE

(800) 242-8511

FAX (800) 388-3860

WEBSITE: www.diggershotline.com

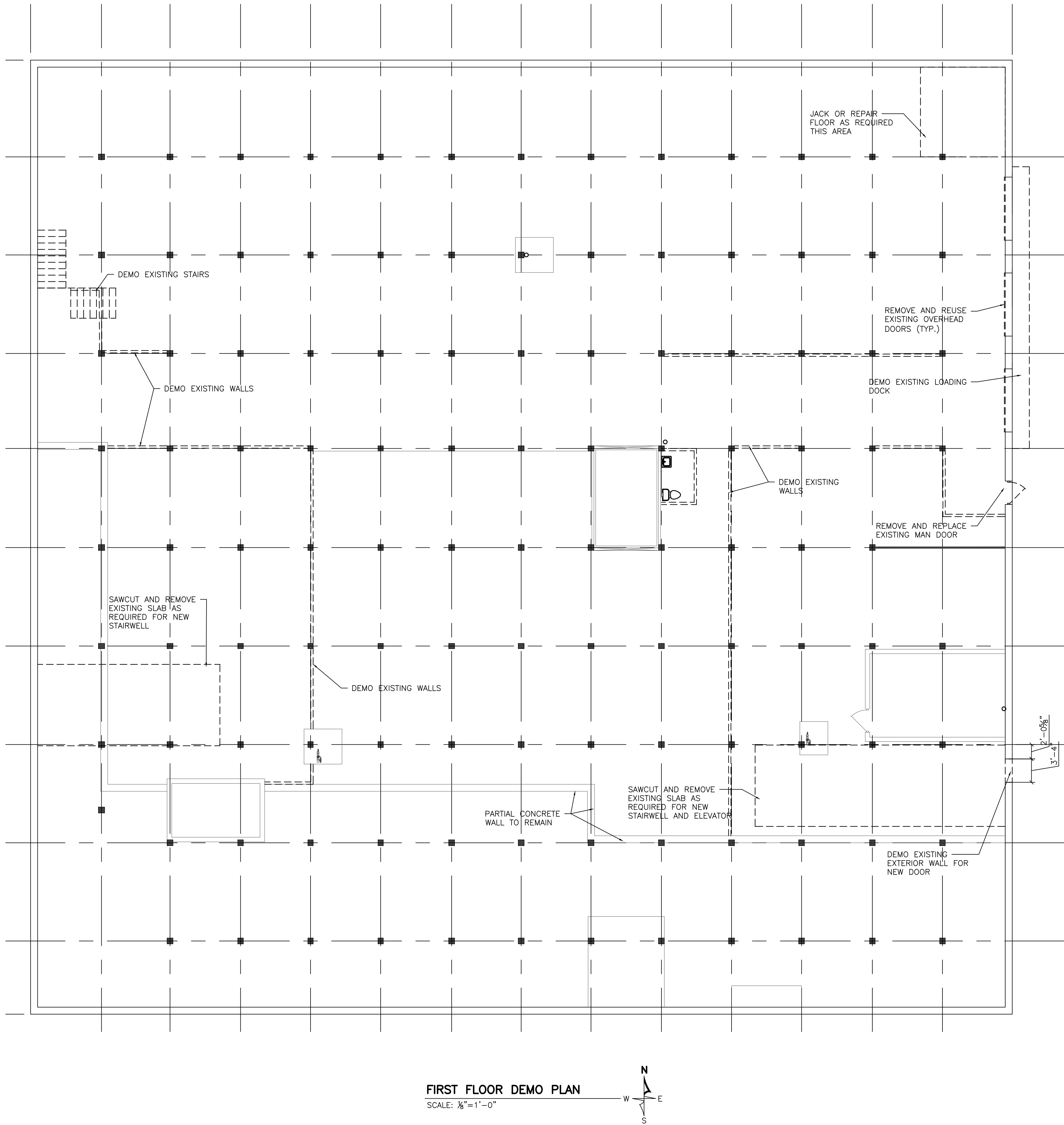
SITE LOCATION MAP



DRAWING INDEX

- T1.0 TITLE SHEET
- T1.1 CODE REQUIREMENTS
- C1.0 SITE PLAN
- D1.0 FIRST FLOOR DEMO PLAN
- D2.0 SECOND FLOOR DEMO PLAN
- D3.0 THIRD FLOOR DEMO PLAN
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- S1.0 FOUNDATION PLAN
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- A1.0 FIRST FLOOR PLAN
- A1.1 SECOND FLOOR PLAN
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- A1.3 FOURTH FLOOR PLAN
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- A3.0 SECTIONS
- A3.1 SECTIONS AND DETAILS
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NOTE:
THE STAMP OF INTEGRITY ENGINEERING'S SUPERVISING PROFESSIONAL ON THIS SET OF DRAWINGS IS IN NO WAY ATTESTING TO THE ACCURACY AND COMPLETENESS OF THE DRAWINGS PREPARED BY SUB-CONSULTANTS INCLUDED HEREIN. THE RESPONSIBILITY FOR THE DRAWINGS BY SUB-CONSULTANTS LIES WITH THE RESPECTIVE SUB-CONSULTANTS (CIVIL, MEPFP, ETC.). THEY ARE INCLUDED HERE FOR CONVENIENCE AND INFORMATIONAL PURPOSES ONLY.



FIRST FLOOR DEMO PLAN

SCALE: 1/8"=1'-0"

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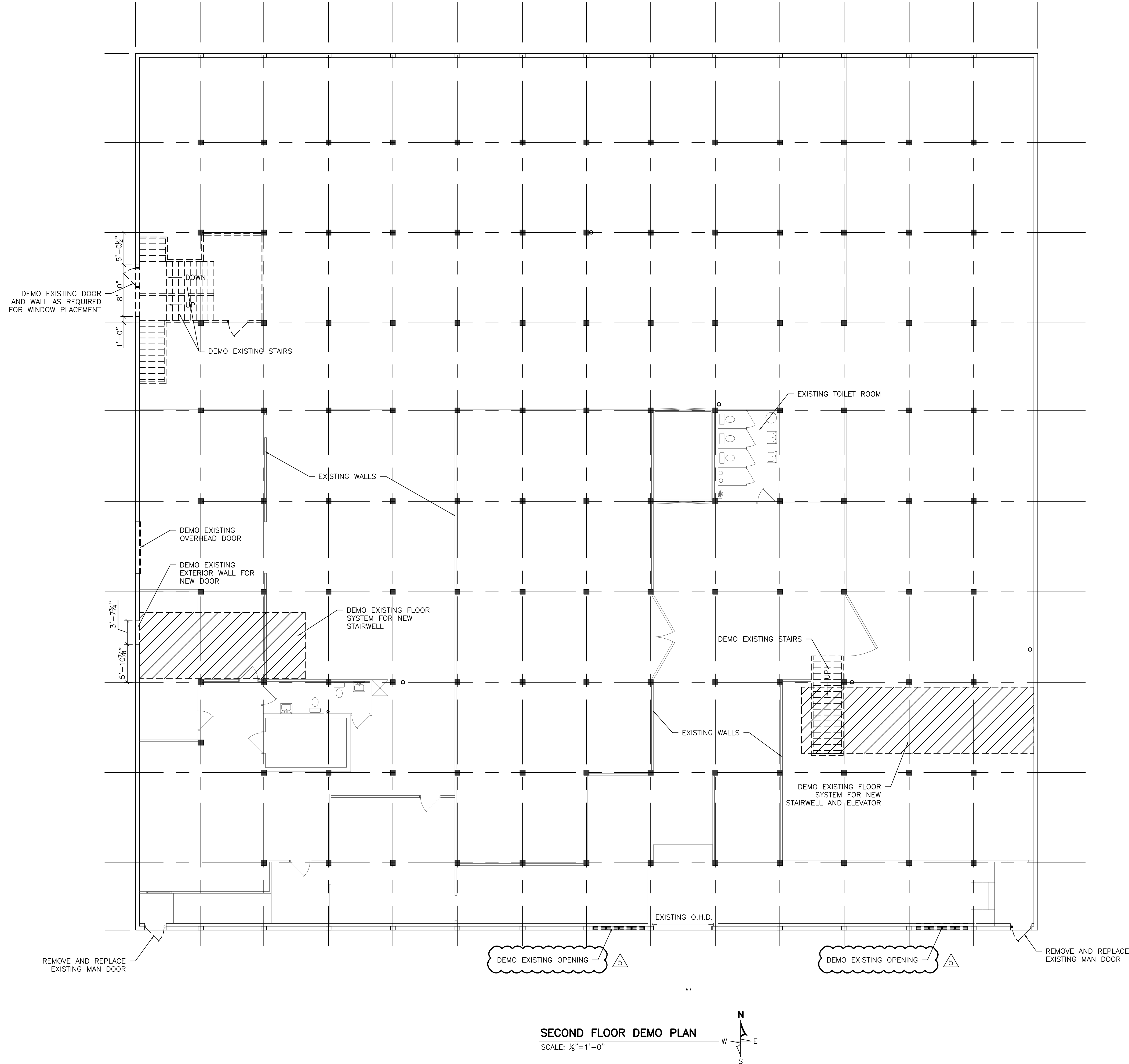
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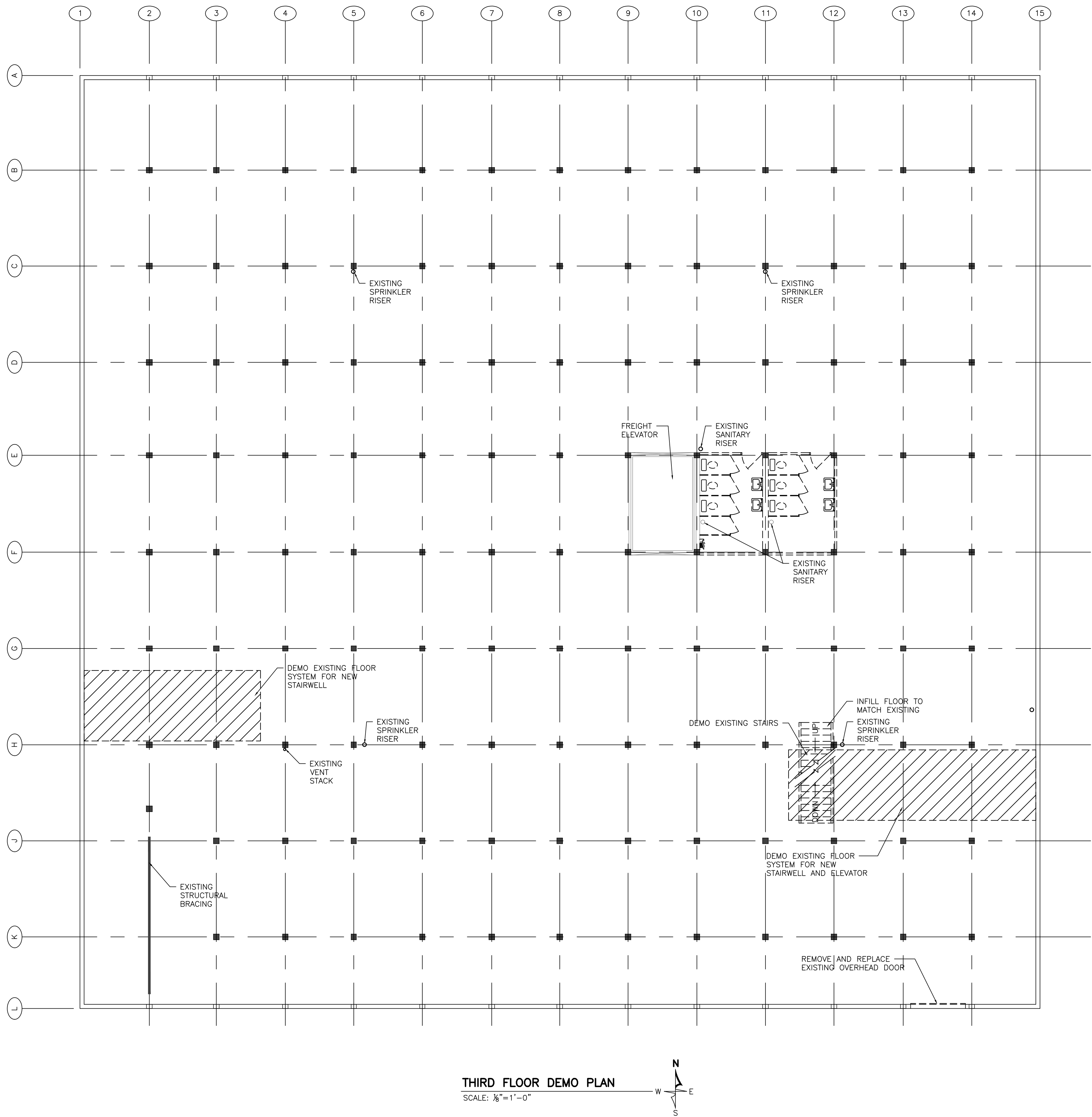
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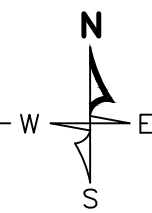
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THIRD FLOOR DEMO PLAN

SCALE: 1/8"=1'-0"



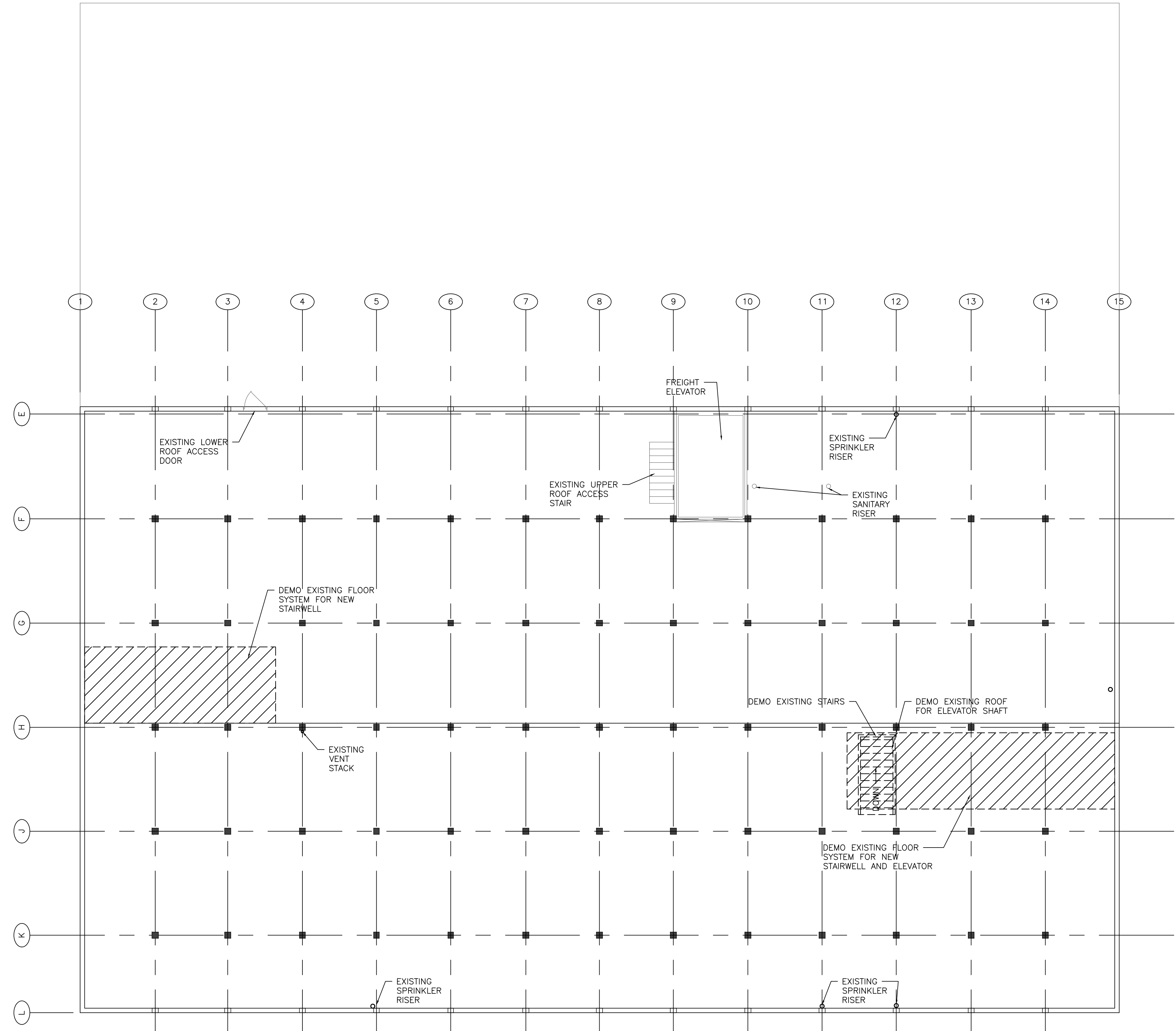
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FOURTH FLOOR DEMO PLAN

SCALE: 1/8"=1'-0"



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D1.3

CONCRETE

CONCRETE CONTRACTOR SHALL VERIFY SOIL CONDITIONS BEFORE PLACING FOUNDATIONS AND SLABS. NOTIFY THE GENERAL CONTRACTOR IF ANY SOIL CONDITIONS APPEAR OUT OF THE ORDINARY.

FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR STRUCTURAL FILL. DO NOT PLACE FOOTINGS ON FROZEN GROUND.

DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C94.

- 1) FOOTINGS AND WALLS SHALL HAVE STRENGTH EQUAL TO 3,000 PSI AT 28 DAYS.
- 2) SLABS ON GRADE SHALL HAVE STRENGTH EQUAL TO 4,000 PSI AT 28 DAYS.
- 3) EXTERIOR CONCRETE SHALL HAVE STRENGTH EQUAL TO 4,000 PSI AT 28 DAYS.
- 4) COLUMNS, BEAMS AND STRUCTURAL SLABS SHALL HAVE STRENGTH EQUAL TO 4,000 PSI AT 28 DAYS.
- 5) PRE-CAST TOPPING SHALL HAVE STRENGTH EQUAL TO 4000 PSI AT 28 DAYS.
- 6) SLUMP SHALL NOT EXCEED 41".
- 7) ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED WITH 4-7% AIR CONTENT. NO OTHER ADMIXTURES SHALL BE USED WITHOUT THE APPROVAL OF THE GENERAL CONTRACTOR. CALCIUM CHLORIDE SHALL NOT BE USED.
- 8) MAXIMUM AGGREGATE SIZE FOR FOOTING TO BE 1 1/2" AND MAXIMUM AGGREGATE SIZE FOR ALL OTHER WORK TO BE 3/4".

PLACE FLOOR SLABS WITH CONSTRUCTION JOINTS OR SAW JOINTS NOT EXCEEDING A MAXIMUM OF 150 SQUARE FEET OR AS INDICATED ON THE PLANS. SAW CUTTING TO BE DONE AS SOON AS POSSIBLE, BUT NO LATER THAN 24 HOURS AFTER CONCRETE IS PLACED.

INTERIOR SLABS TO HAVE A TROWEL FINISH AND EXTERIOR SLABS TO HAVE A LIGHT BROOM FINISH. MAINTAIN FLOOR LEVEL AT WALLS AND PITCH SURFACES UNIFORMLY TO DRAINS. CONCRETE TO BE SEALED OR WET CURED FOR 7 DAYS. FLOORS TO RECEIVE TILE OR EPOXY TO BE WET CURED ONLY. EXTERIOR SLABS SHALL BE SEPARATED FROM BUILDINGS WITH CONTINUOUS 1/2" FIBER EXPANSION JOINT.

DESIGN AND CONSTRUCTION OF CAST-IN-PLACE CONCRETE SHALL CONFORM TO ACI 318 AND CRSI STANDARDS.

ANCHOR BOLTS AND THREADED RODS TO BE ASTM F554, MINIMUM GRADE A36.

REINFORCING STEEL

REINFORCING STEEL TO CONFORM TO ASTM-A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM-A185. LAP ALL HORIZONTAL REINFORCING AT SPICES AND AROUND CORNERS 30 BAR DIAMETERS. WELDED WIRE FABRIC IS TO BE LAPPED 6" AND PLACED IN THE CENTER OF THE SLAB UNLESS INDICATED OTHERWISE. REINFORCING SHALL BE PLACED IN CONFORMANCE WITH CRSI "RECOMMENDED PRACTICES FOR PLACING BARS" AND ACI 318. THE REINFORCEMENT SHALL NOT BE PAINTED AND MUST BE FREE OF GREASE, DIRT OR DEEP RUST WHEN PLACED. PROVIDE CONCRETE PROTECTION FOR REBARS PER ACI 318 SECTION 7.7.

SITE WORK

THE SITE WORK CONTRACTOR IS REQUIRED TO CONTACT DIGGER'S HOTLINE. ALL UTILITIES SHALL BE LOCATED PRIOR TO STARTING EXCAVATION.

ALL EXCAVATION AND BACK FILL FOR MECHANICALS ARE THE RESPONSIBILITY OF THE RESPECTIVE MECHANICAL CONTRACTOR. THESE TRENCHES ARE TO BE FILLED IN 8" LIFTS AND COMPACTED TO 95% OF THE MODIFIED PROCTOR VALUE. ENSURE TRENCH ROUTE IS CLEAR OF UTILITIES AND OTHER OBSTRUCTIONS PRIOR TO DIGGING.

THE EXCAVATION CONTRACTOR SHALL ADVISE THE GENERAL CONTRACTOR OF ANY SOIL CONDITIONS WHICH APPEAR OUT OF THE ORDINARY. THE SOIL BEARING CAPACITY IS LISTED ON THE COVER SHEET.

ALL ORGANIC TOPSOIL INSIDE THE BUILDING AREA, UNDER PAVED AREAS AND AT SITE FILL AREAS SHALL BE REMOVED. CONTRACTOR SHALL VERIFY TOPSOIL DEPTHS PRIOR TO CONSTRUCTION.

ALL SUB GRADE FILL UNDER PAVED AREAS AND BUILDING AREAS SHALL BE CLEAN GRANULAR FILL CONFORMING TO GRADE 1 OR 2 OF SECTION 209 MOIST STANDARD. PLACE IN 8" MAXIMUM LIFTS AND COMPACT TO 95% OF THE MODIFIED PROCTOR VALUE. GRAVEL BASE BENEATH FLOOR SLABS SHALL BE 6 INCHES OF #4 CRUSHED STONE OR SAND COMPACTED TO THE ABOVE STANDARD. GRAVEL BASE BENEATH DRIVES, PARKING AREAS, AND APRONS SHALL BE 12" OF COMPACTED CRUSHED STONE. TYPAR SHALL BE INSTALLED WHENEVER THIS 12" BASE RESTS ON CLAY OR LOOSE SOILS. FILL SHALL NOT BE PLACED ON FROZEN GROUND AND NO FROZEN MATERIALS MAY BE USED FOR BACKFILL.

FOUNDATION TRENCHES MUST BE BACK FILLED UNIFORMLY ON EACH SIDE WITH SAND. PLACE FILL IN 8" LIFTS AND COMPACT TO 95% OF THE MODIFIED PROCTOR VALUE. THE EXTERIOR SIDE MAY BE FILLED WITH COMPACTED NON-STRUCTURAL FILL IF THERE WILL NEVER BE A PARKING LOT OR ADDITION ON THAT SIDE. WHEN IN DOUBT, BACK FILL WITH SAND.

THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AT A MINIMUM OF 2% SLOPE FOR 20'-0" AWAY FROM THE BUILDING, STARTING AT 5" BELOW THE FLOOR LINE OR AS INDICATED ON THE PLANS. PROVIDE 6" OF TOPSOIL AT ALL GRASS AND LANDSCAPED AREAS AND GRADE TO +/- 0.10 FEET.

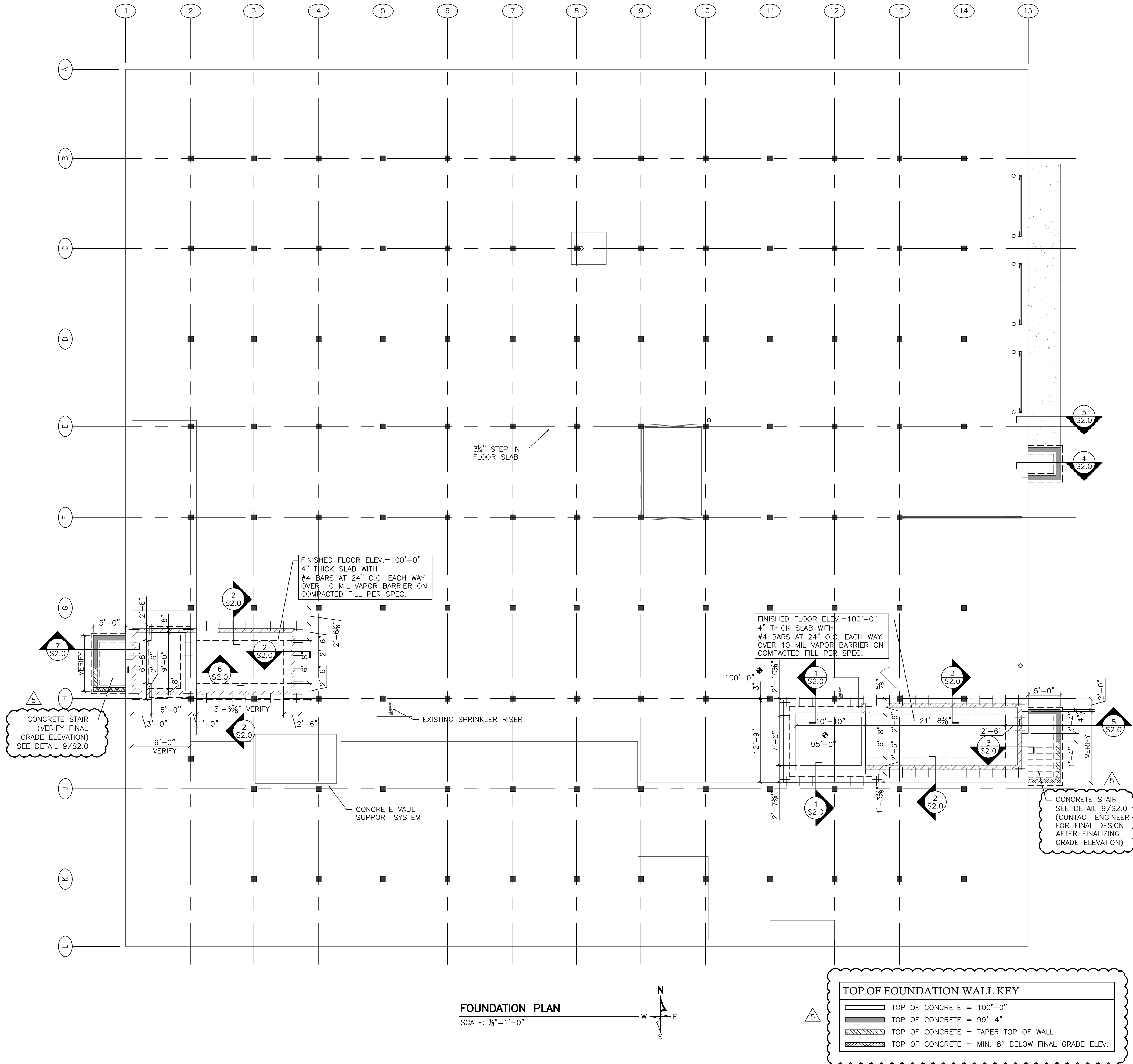
SPLASH BLOCKS ARE TO BE PLACED AT ALL DOWN SPOUTS WHICH DISCHARGE AT GRADE AND AT SPRINKLER DRAIN VALVES.

IF A CURRENT GEOTECHNICAL REPORT OR PLANS BY A CIVIL CONSULTANT ARE AVAILABLE, ALL REQUIREMENTS OF THAT REPORT AND PLANS MUST BE FOLLOWED. WHEN THE STRUCTURAL/ARCHITECTURAL PLANS OR THE INFORMATION ABOVE CONFLICT WITH THE GEOTECHNICAL REPORT OR THE CIVIL PLANS, THE INFORMATION IN THE GEOTECHNICAL REPORT AND CIVIL PLANS SUPERSEDES.

SITE UTILITIES

ALL UTILITIES SHALL BE INSTALLED PER INDUSTRY STANDARDS. WATER, SANITARY AND STORM SEWER SHALL BE INSTALLED PER "STANDARD SPECIFICATION FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN". THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING, APPLYING FOR, SCHEDULING AND COORDINATING THE INSTALLATION OF GAS, ELECTRIC, AND COMMUNICATION SERVICES.

LOCATIONS OF SITE UTILITIES ON THIS PLAN ARE PRELIMINARY AND MUST BE VERIFIED BY THE SITE UTILITY CONTRACTOR.



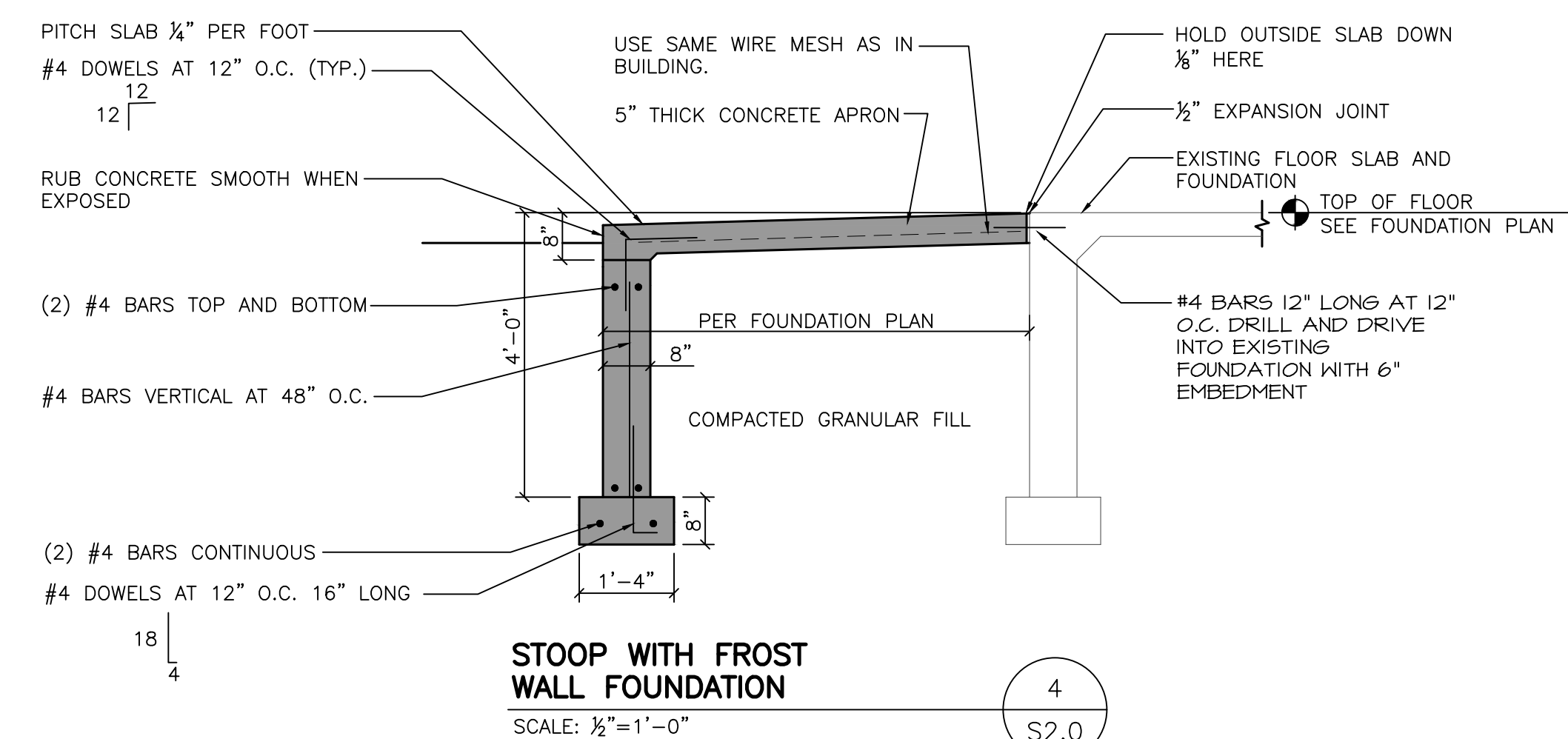
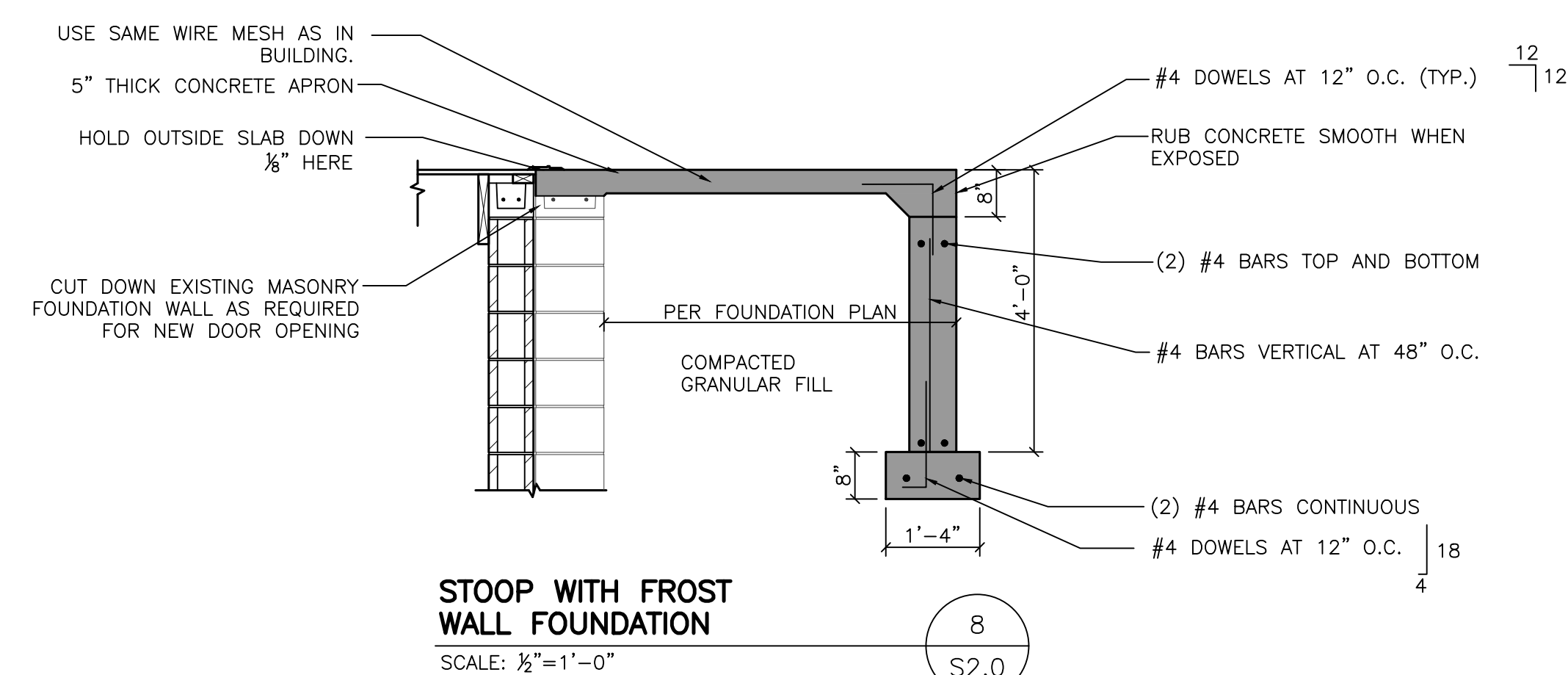
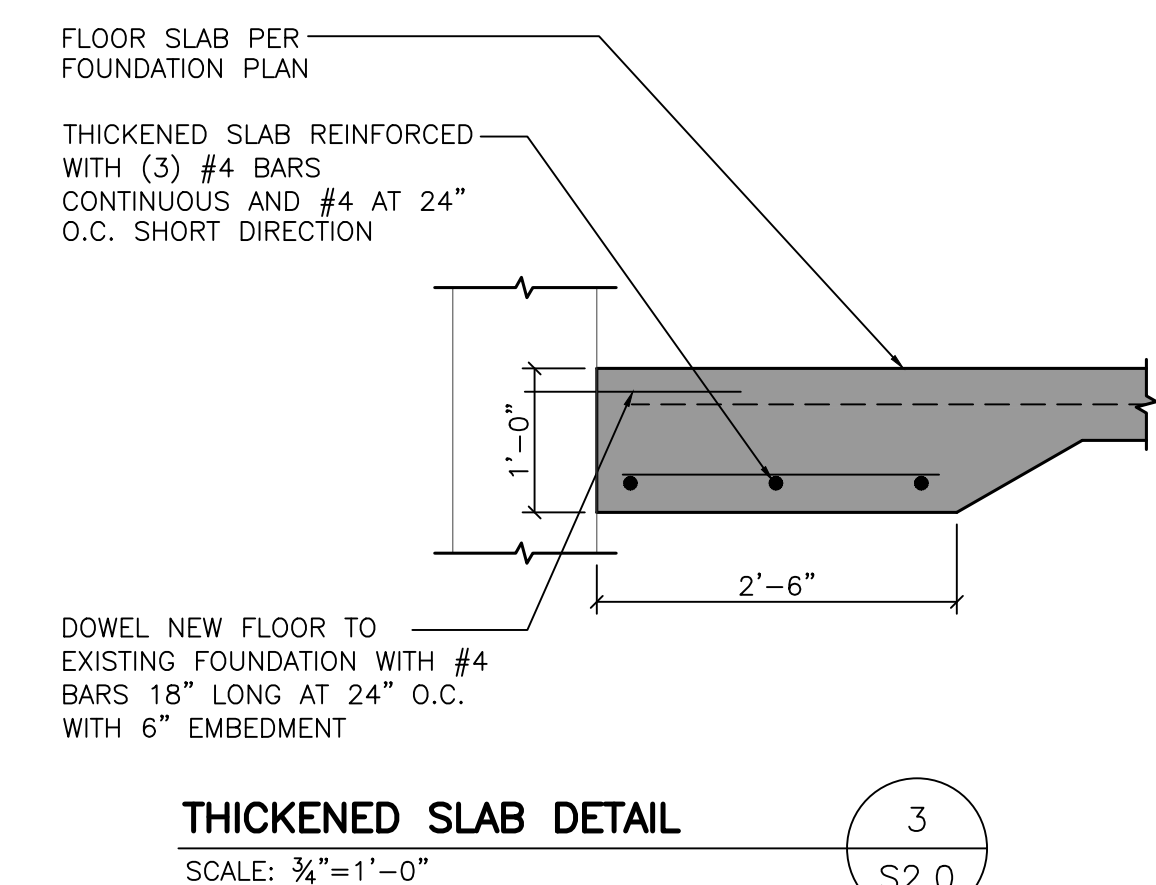
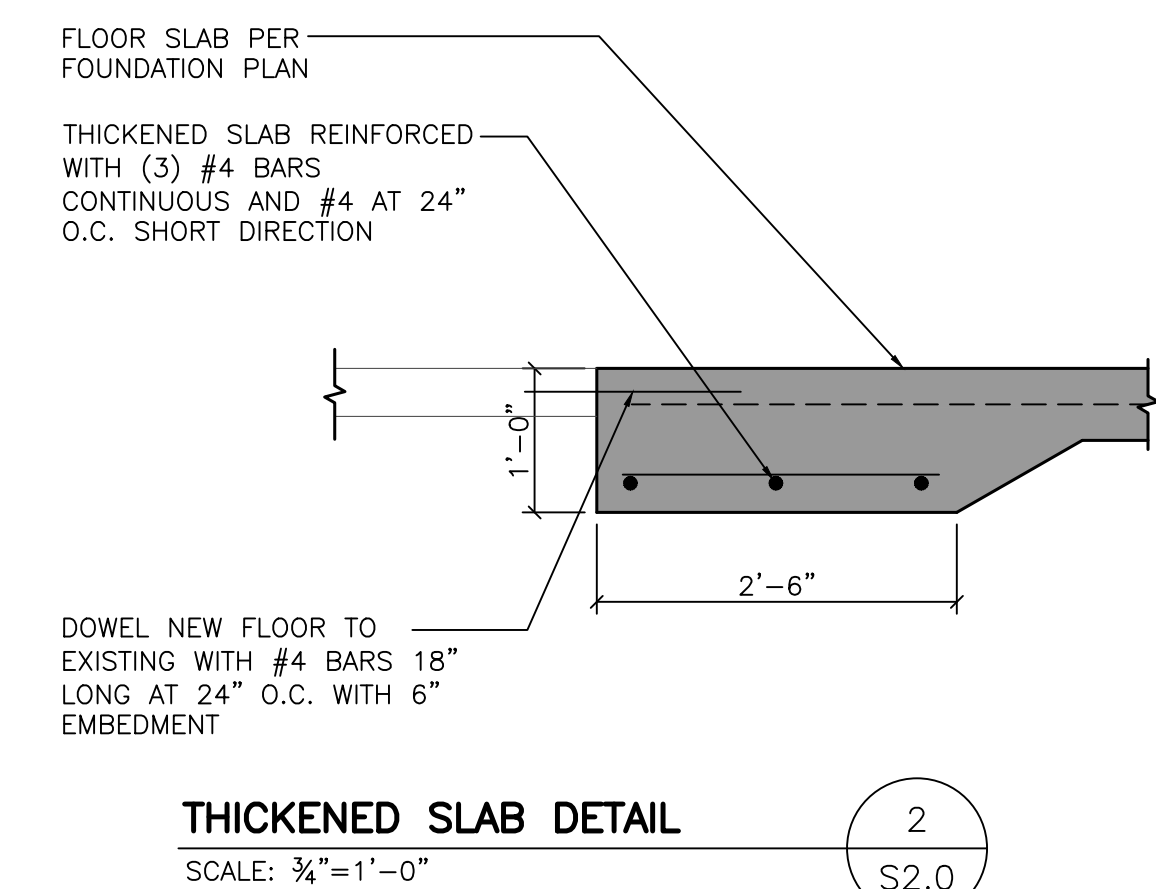
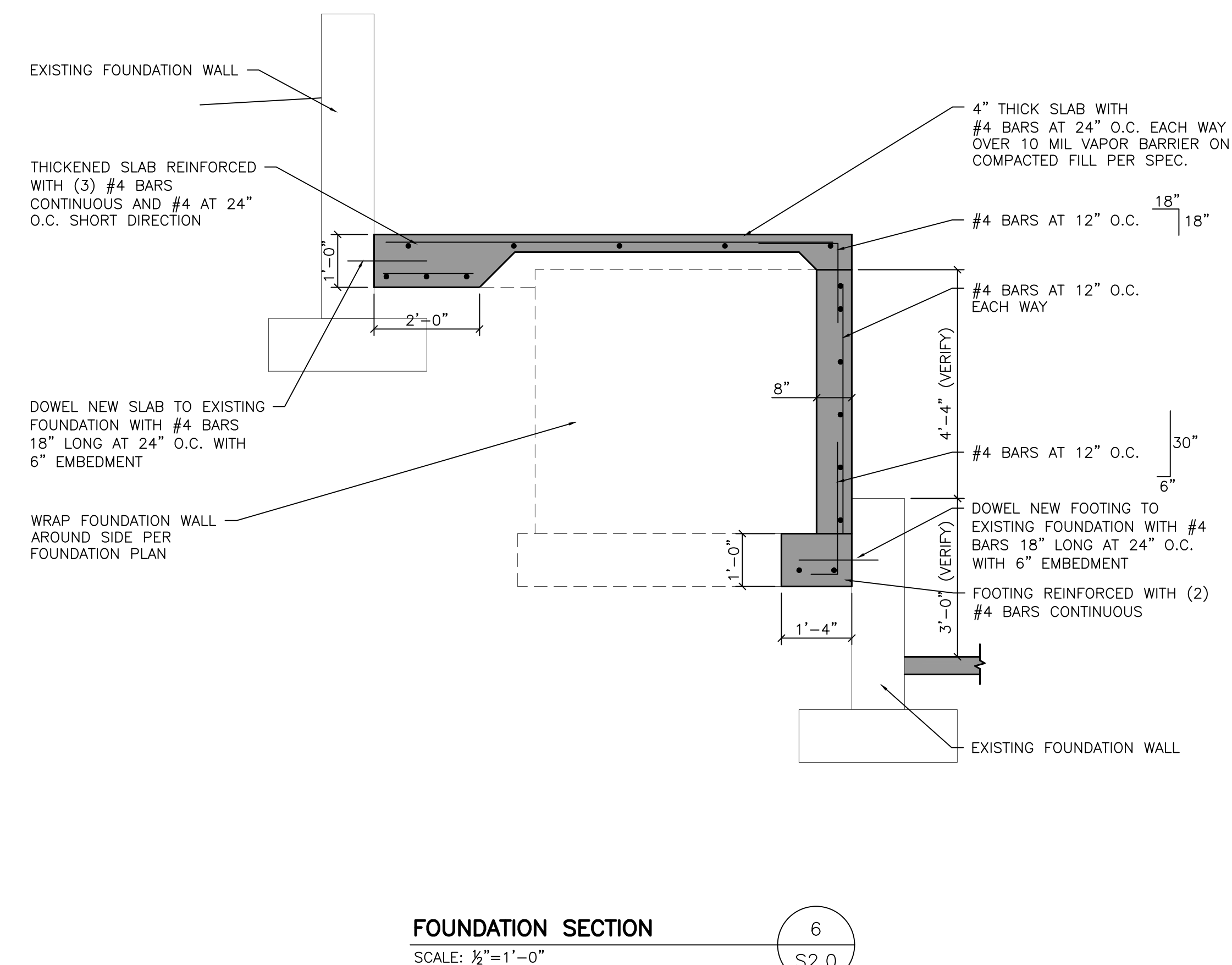
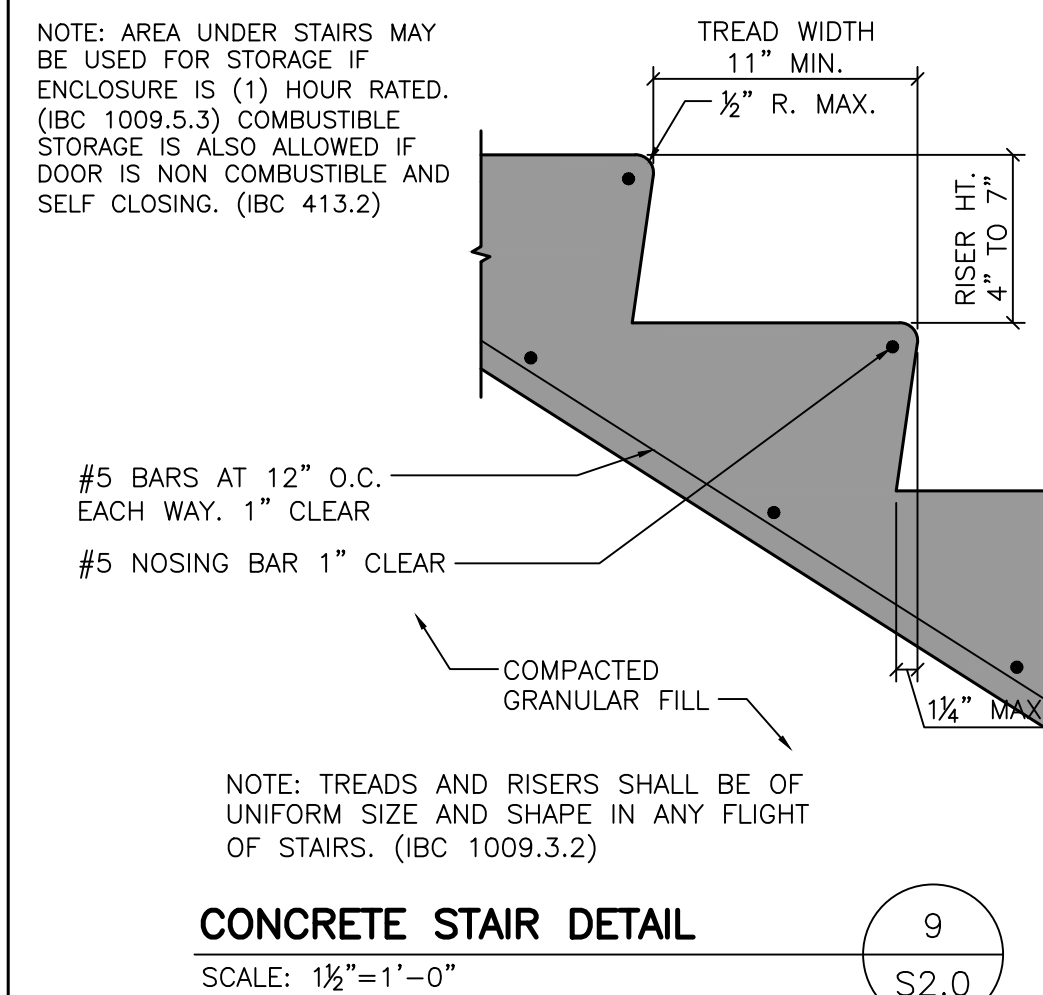
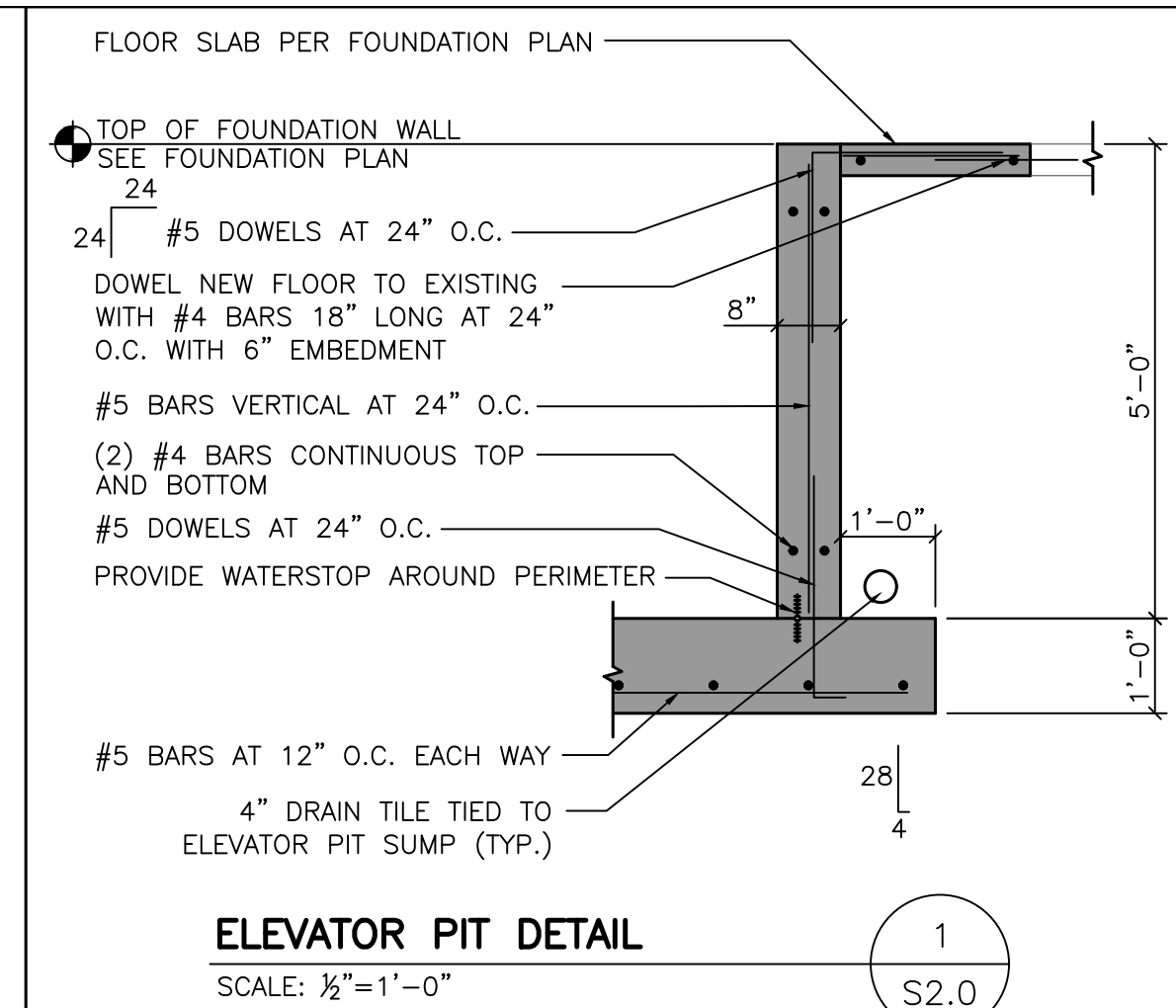
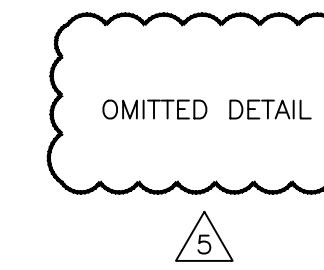
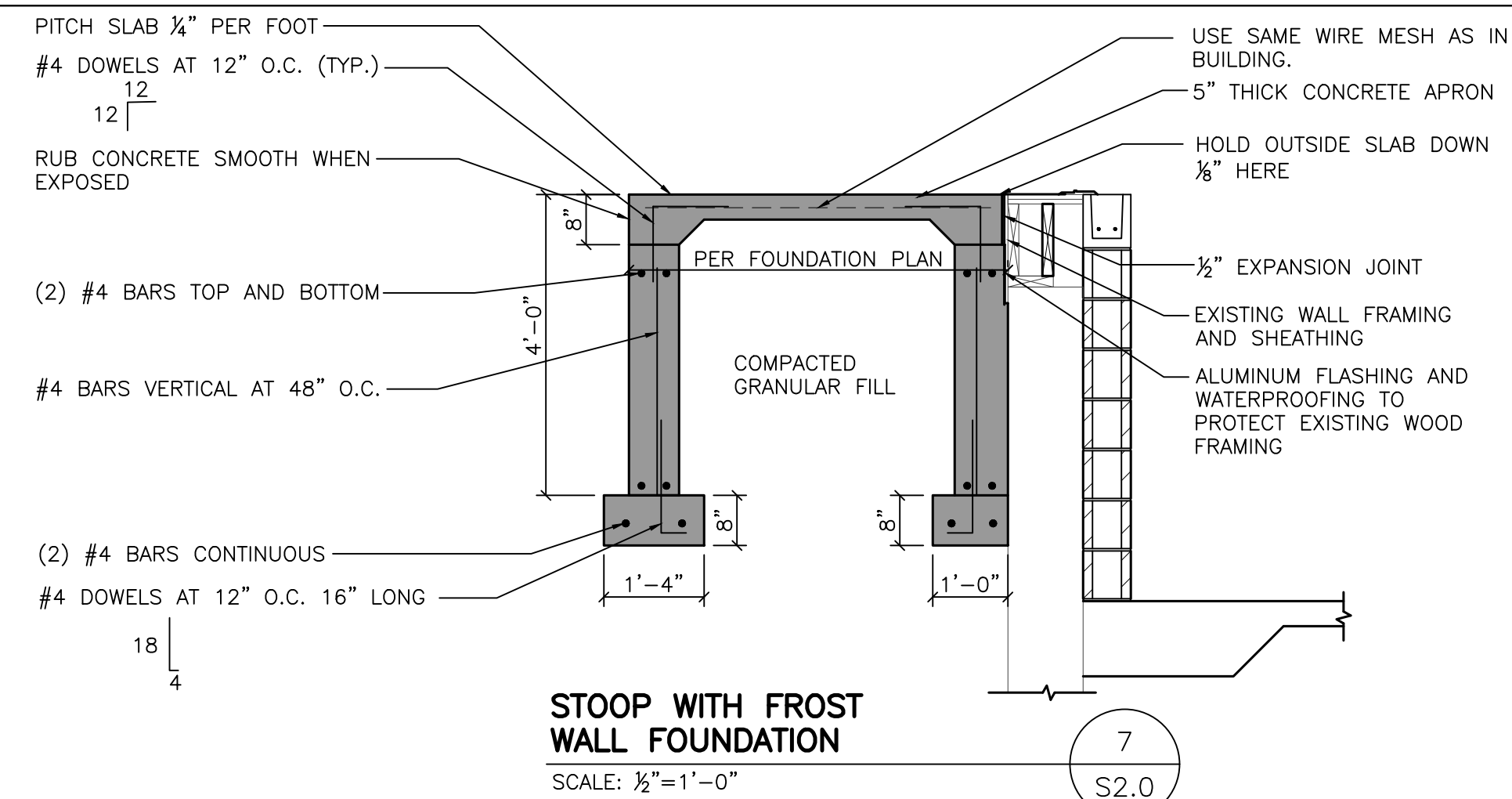
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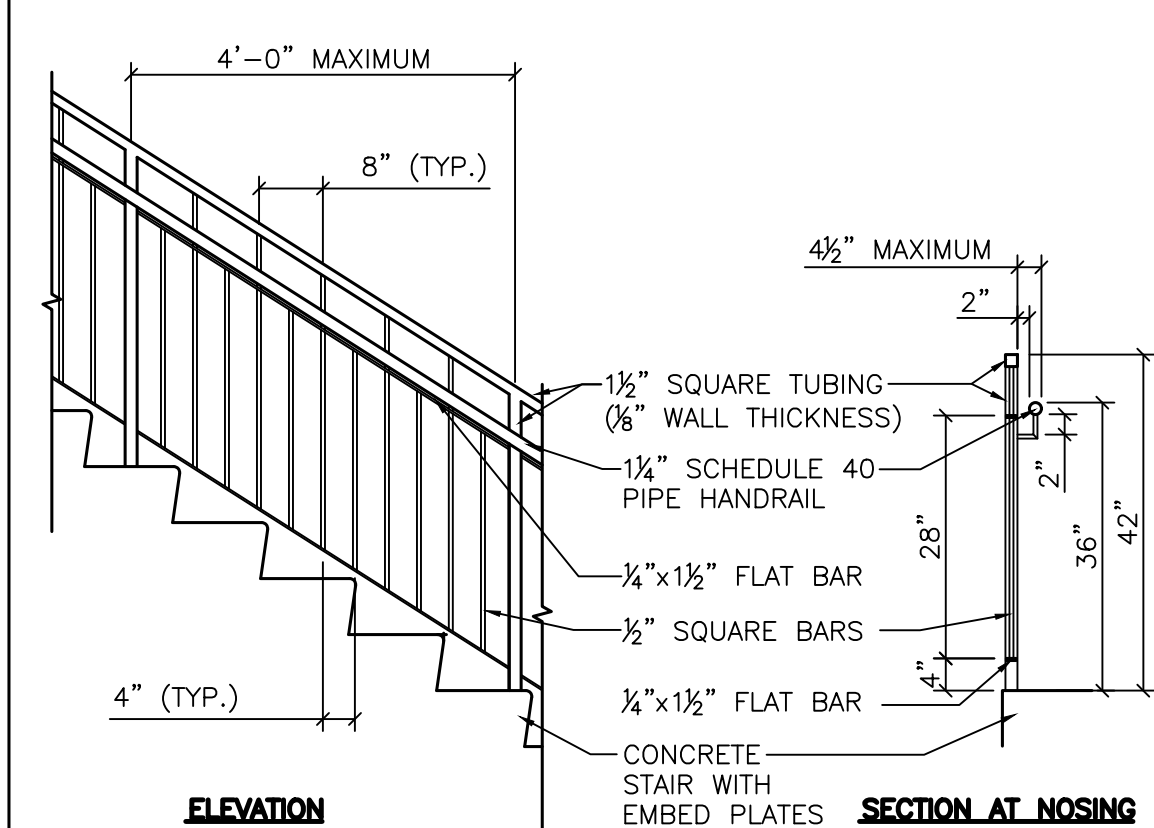
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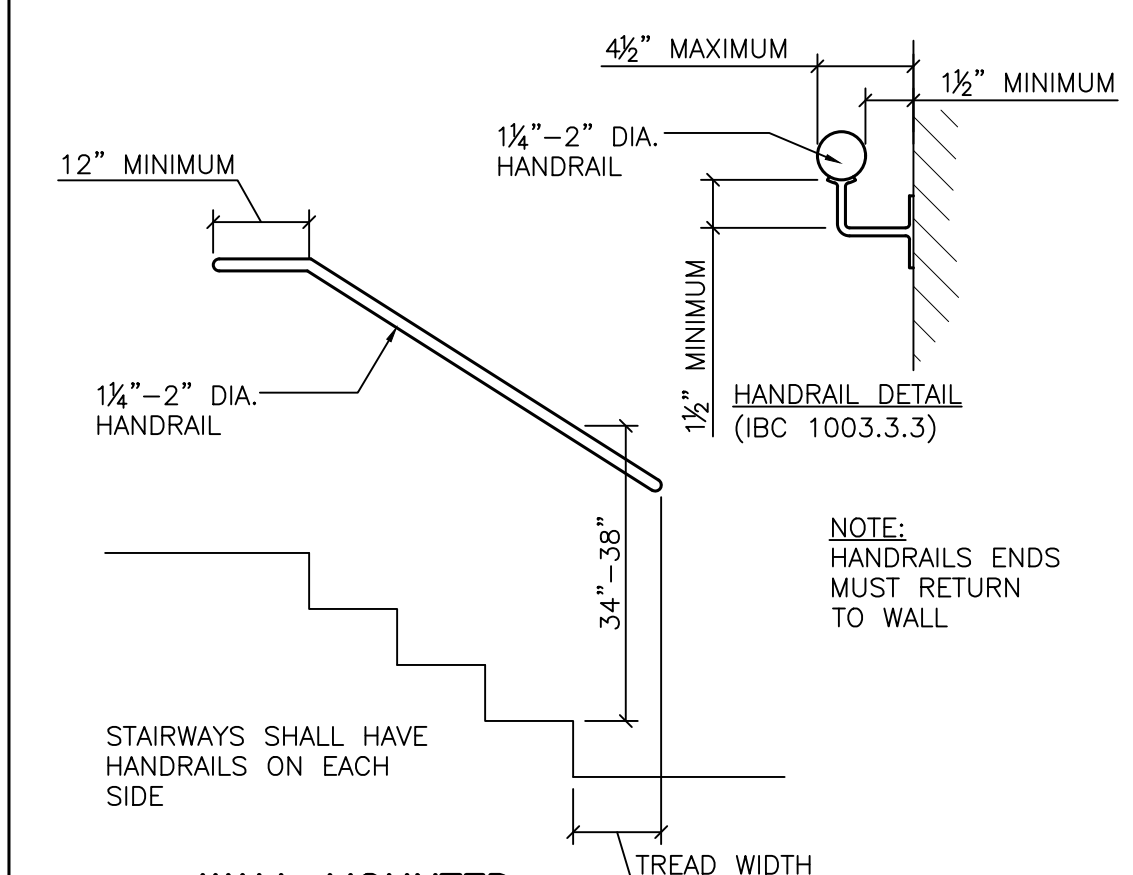
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**OPEN STAIRWAY
GUARD WITH HANDRAIL**

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

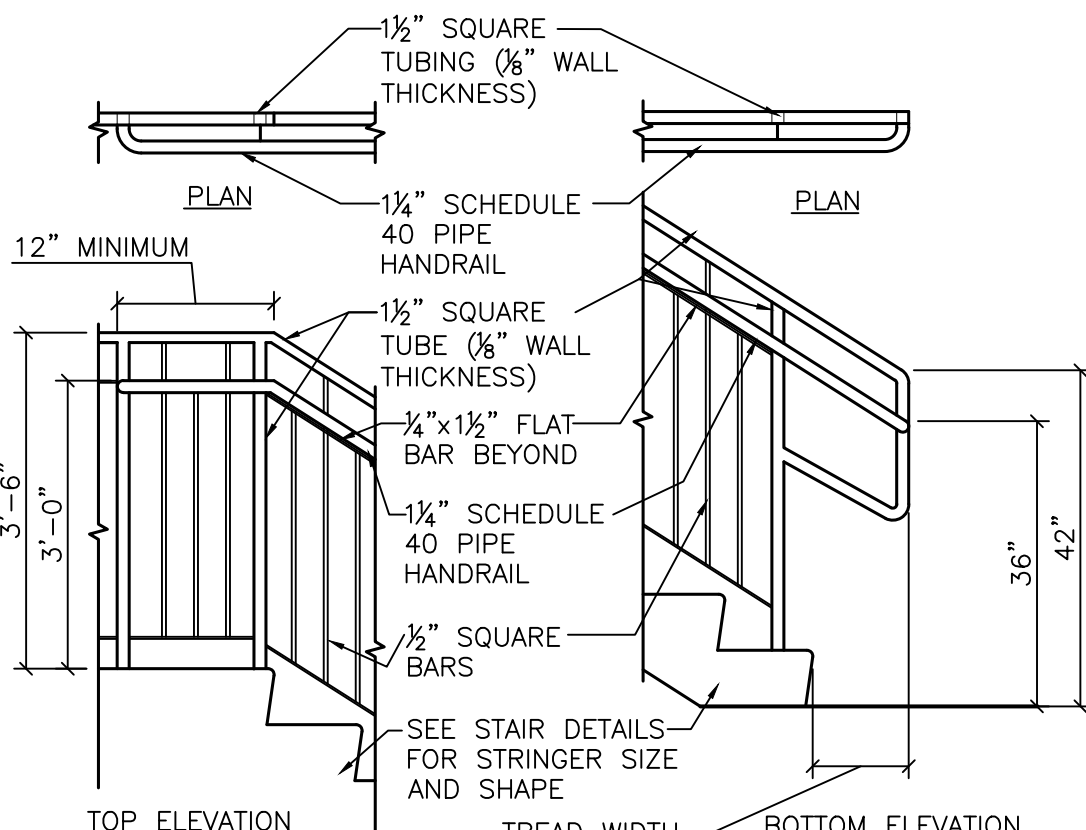
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**WALL MOUNTED
HANDRAIL DETAIL**

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

4
A1.0



**OPEN STAIRWAY GUARD
WITH HANDRAIL**

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

2
A1.0

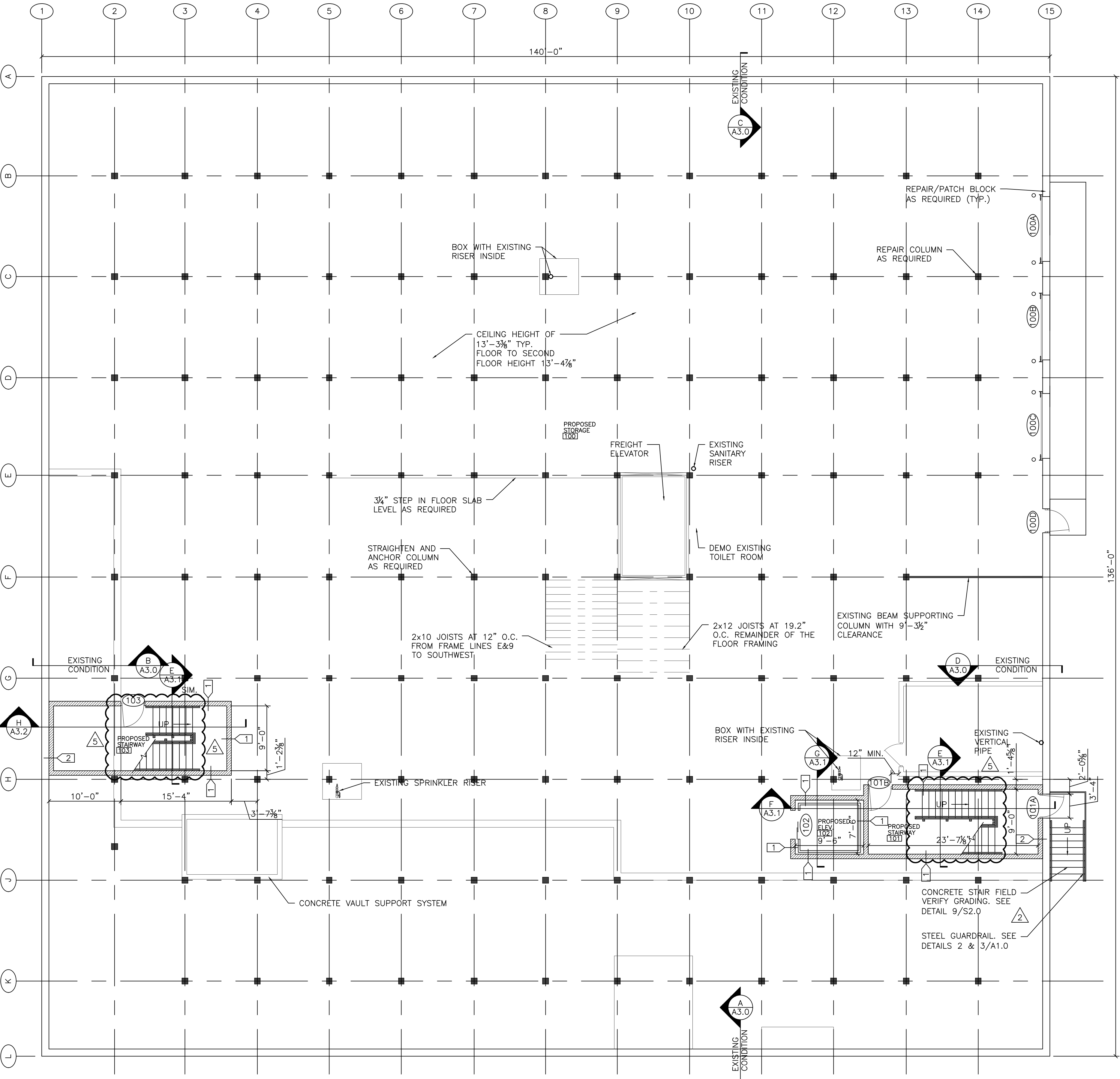
WALL TYPE SCHEDULE

NO.	DESCRIPTION	WALL DIAGRAM
1	8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	
2	EXISTING ADJACENT WALL 8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	

MASONRY
COMPLY WITH REQUIREMENTS OF IBC CHAPTER 21 AND NCM STANDARDS. UNITS SHALL MEET ASTM C90. ALL UNITS SHALL BE LAID IN RUNNING BOND UNLESS OTHERWISE SPECIFIED AND HAVE STANDARD GALVANIZED "BUR-O-WALL" OR EQUAL LADDER TYPE REINFORCING AT 16" ON CENTER. LAP ALL REINFORCEMENT 6". MORTAR WILL BE TYPE "M" OR "S" TYPE "M" BELOW GRADE, TOOL JOINTS CONCAVE FOR WEATHER TIGHTNESS. CHIPPED, CRACKED AND BROKEN UNITS SHALL NOT BE USED. VERTICAL REINFORCING BARS SHALL BE ASTM A615 GRADE 60 AND SHALL HAVE LAP LENGTHS OF 48 BAR DIAMETERS. ALL CORES WITH REINFORCING ARE TO BE GROUTED SOLID.
THE TOP OF COURSE OF ALL BLOCK WALLS AND THE FIRST COURSE BELOW ALL PRECAST PLANKS SHALL BE A BOND BEAM WITH (2) #4 BARS CONTINUOUS.
MASONRY PRISM STRENGTH (f'm) SHALL BE 1500 PSI MINIMUM.
COVER BLOCK WALLS DURING ANY RAIN AND AT NIGHT TO ELIMINATE MOISTURE INSIDE THE BLOCK CAVITIES. THIS WILL HELP TO PREVENT EFFLORESCENCE.
INSULATE ALL EXTERIOR BLOCK WALL CAVITIES WITH FOAM IN PLACE OR LOOSE FILL PARTICLE INSULATION.
PROVIDE 3/8" DIA. x 8" ANCHOR BOLTS AT 4'-0" ON CENTER FOR ALL PRESSURE-TREATED ROUGH WOOD AT TOP OF MASONRY WALLS.
INSTALL PERM-A-BARRIER THRU-WALL FLASHING AT BOTTOM COURSE OF BLOCK, ABOVE LINTELS, AND ABOVE BOND BEAMS. INSTALL 1/4" LONG COTTON ROPE WEEP HOLES AT 32" ON CENTER AT ALL THRU-WALL FLASHING. PROVIDE MORTAR NET TO ENSURE WEEP HOLES REMAIN OPEN.
ALL EXTERIOR UNITS AND MORTAR SHALL BE TREATED WITH DRYLOCK WATER REPELLENT.
CONTROL JOINTS SHALL BE SPACED AT A MAXIMUM OF 25' ON CENTER AND 10' FROM CORNERS. ALSO PLACE CONTROL JOINTS ON ONE SIDE OF OPENINGS 6" WIDE OR LESS AND ON BOTH SIDES OF OPENINGS MORE THAN 6" WIDE. DO NOT RUN CONTROL JOINTS THROUGH LINTELS. ALIGN CONTROL JOINTS WITH EXPOSED CONCRETE FOUNDATION WALL JOINTS IF APPLICABLE. BREAK REINFORCING AT ALL CONTROL JOINTS.
THE MASON MUST PROVIDE TEMPORARY BRACING OF ALL BLOCK WALLS TO PROVIDE SUPPORT UNTIL PERMANENT BRACING SYSTEMS ARE IN PLACE.

INTERIOR PARTITION WALLS
INTERIOR PARTITION WALLS ARE DIMENSIONED FROM FACE OF STUD TO FACE OF STUD.
INTERIOR PARTITIONS ARE 3/8" FOR WOOD STUDS AND 3/4" FOR METAL STUDS. PLUMBING WALLS ARE 5/8" FOR WOOD STUDS OR 6" FOR METAL STUDS.
STUDS ARE SPACED AT 16" ON CENTER UNLESS NOTED OTHERWISE. USE MINIMUM 1/2" GYPSUM BOARD ON THE FINISHED SIDES OF INTERIOR PARTITIONS. PROVIDE EXPANSION JOINTS AT 30'-0" O.C. FOR LONG GYPSUM BOARD WALLS.
PARTITION WALLS WHICH ARE NOT FULL HEIGHT MUST BE BRACED TO CROSS WALLS OR TO THE STRUCTURE ABOVE TO PROVIDE ADEQUATE STABILITY.
DRYWALL
DRYWALL SHALL BE INSTALLED PER THE LATEST EDITIONS OF "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD" GA-216 AS PUBLISHED BY THE GYPSUM ASSOCIATION AND THE "GYPSUM CONSTRUCTION HANDBOOK" AS PUBLISHED BY UNITED STATES GYPSUM COMPANY. PROVIDE CONTROL JOINTS AS REQUIRED.

WOOD FRAMING
WOOD FRAMING SPECIES SHALL BE SPRUCE/PINE/FIR NO. 2 CONSTRUCTION GRADE OR EQUAL UNLESS NOTED OTHERWISE. WOOD CONSTRUCTION AND ITS FASTENERS SHALL CONFORM TO APPLICABLE REQUIREMENTS OF IBC CHAPTER 23. ROOF DECKING SHALL BE 5/8" O.S.B. UNLESS NOTED OTHERWISE. ALL WOOD BASE PLATES IN CONTACT WITH MASONRY, CONCRETE, GROUND OR EXPOSED TO THE WEATHER MUST BE PRESERVATIVE TREATED LUMBER.
WOOD FRAME CONNECTIONS MUST MEET MINIMUM REQUIREMENTS SET FORTH IN IBC TABLE 2304.10.1
LAMINATED VENEER LUMBER (LVL) SHALL HAVE A MINIMUM BENDING STRESS OF 2,600 PSI.
FIRE BLOCKING IS REQUIRED IN ALL CONCEALED VOIDS WITHIN STUD WALLS AT 10'-0" O.C. MAX. AND AT EACH FLOOR OF MULTI STORY STRUCTURES.
PROVIDE TEMPORARY BRACING OF ALL WALLS TO PROVIDE SUPPORT UNTIL PERMANENT BRACING SYSTEMS ARE IN PLACE.



FIRST FLOOR PLAN

SCALE: 1/8"=1'-0"



WALL TYPE SYMBOL
SEE WALL TYPE SCHEDULE
ON THIS SHEET



ISSUE NO	REVISIONS	ISSUE DATE
1	MISCELLANEOUS REVISIONS	12-29-2021
2	MISCELLANEOUS REVISIONS	02-03-2022
3	MISCELLANEOUS REVISIONS	03-07-2022
4	MISC. ELEV. REVISIONS	03-21-2022
5	MISCELLANEOUS REVISIONS	04-07-2022

PROPOSED ALTERATIONS FOR:
SHEBOYGAN SELF STORAGE
SH1234 KENTUCKY AVE.
SHEBOYGAN, WI. 53081

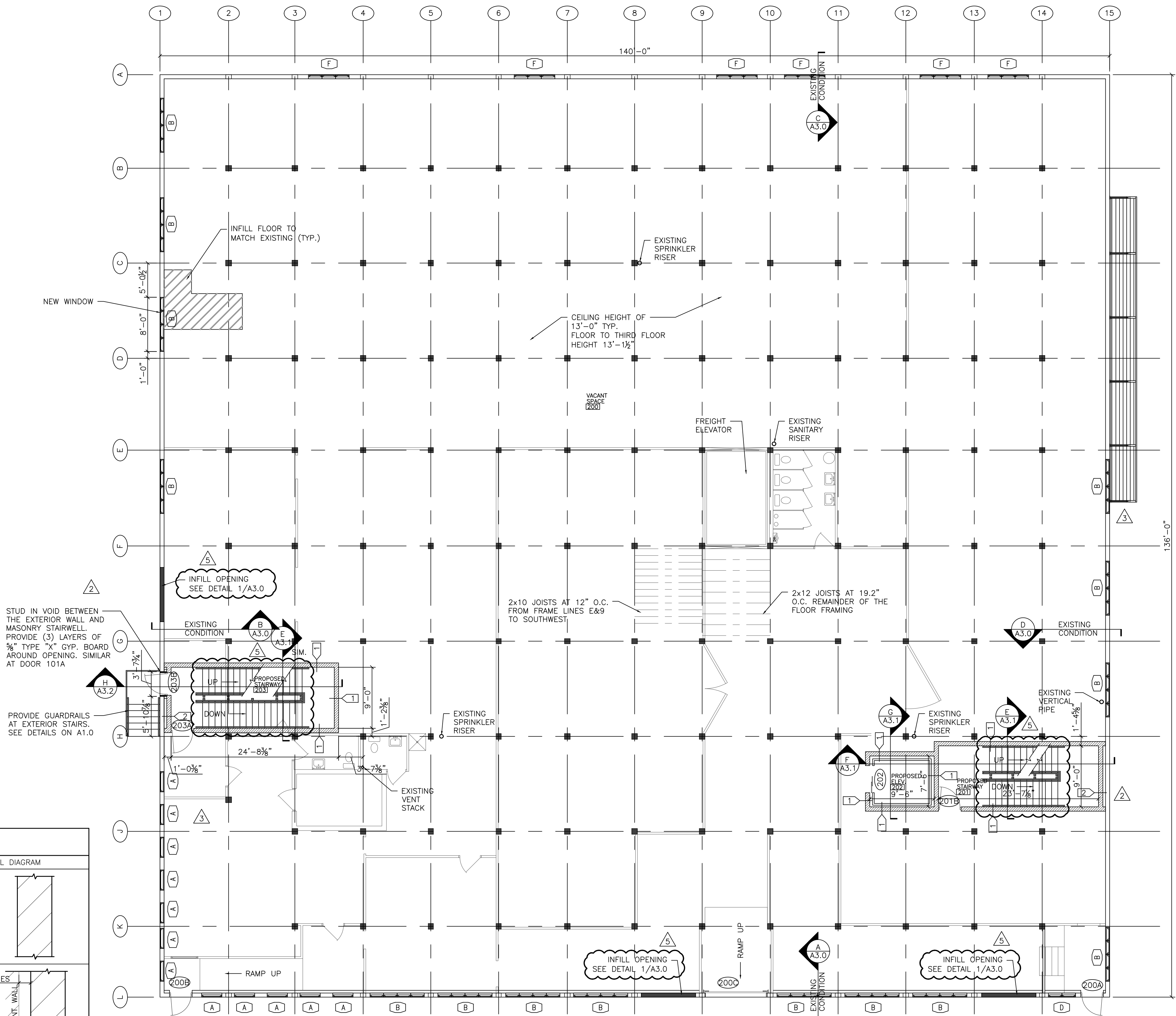
Project number
Date
Drawn by
Checked by

21071
OCTOBER 28, 2021
T. BAUMGARTNER
C. DUESCHER

A1.0

ISSUED FOR CONSTRUCTION

WALL TYPE SCHEDULE		
NO.	DESCRIPTION	WALL DIAGRAM
1	8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	
2	EXISTING ADJACENT WALL 8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	



SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

WALL TYPE SYMBOL
SEE WALL TYPE SCHEDULE
ON THIS SHEET



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2	MISCELLANEOUS REVISIONS	02-03-2022
3	MISCELLANEOUS REVISIONS	03-07-2022
4	MISC. ELEV. REVISIONS	03-21-2022
5	MISCELLANEOUS REVISIONS	04-07-2022

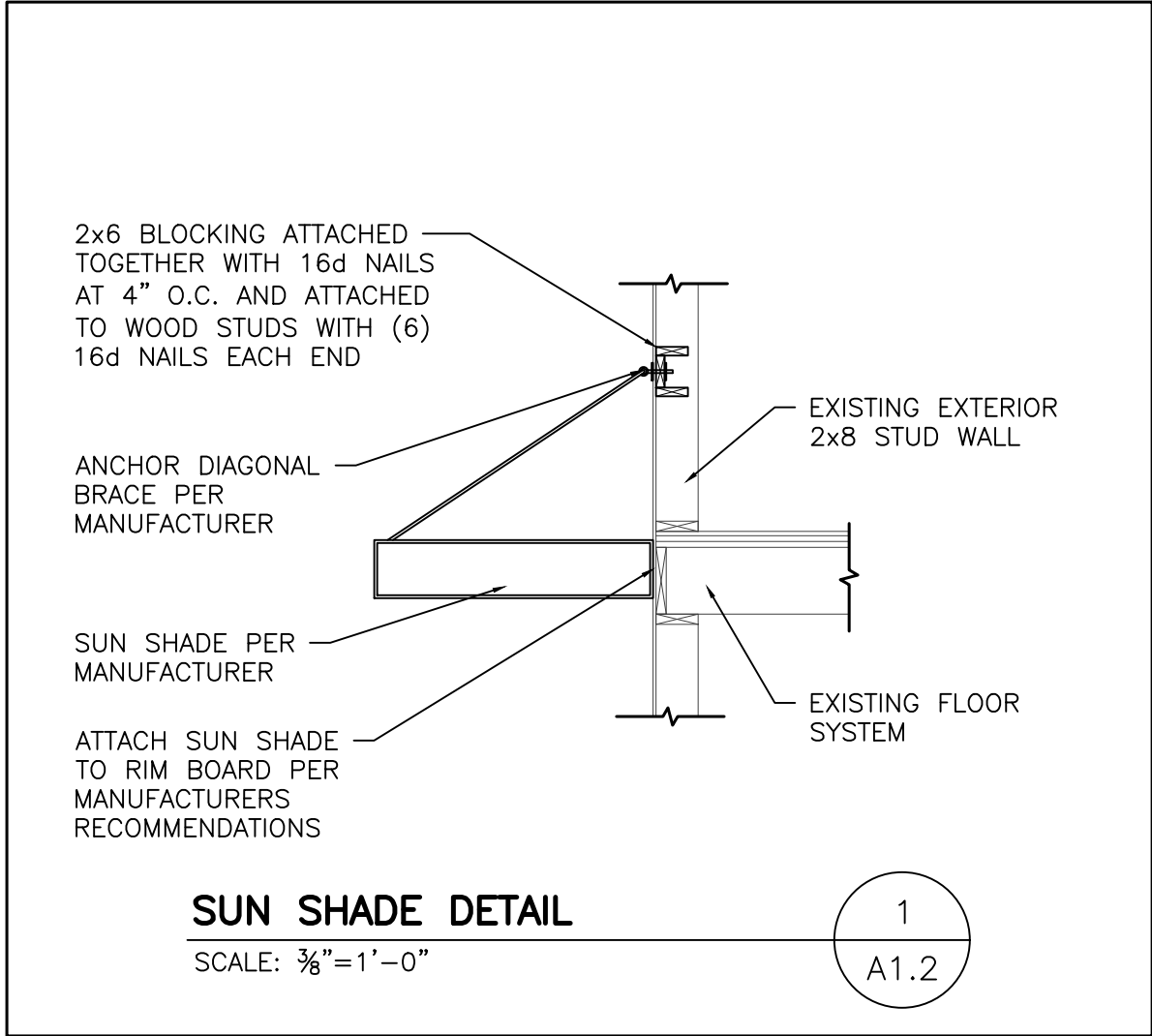
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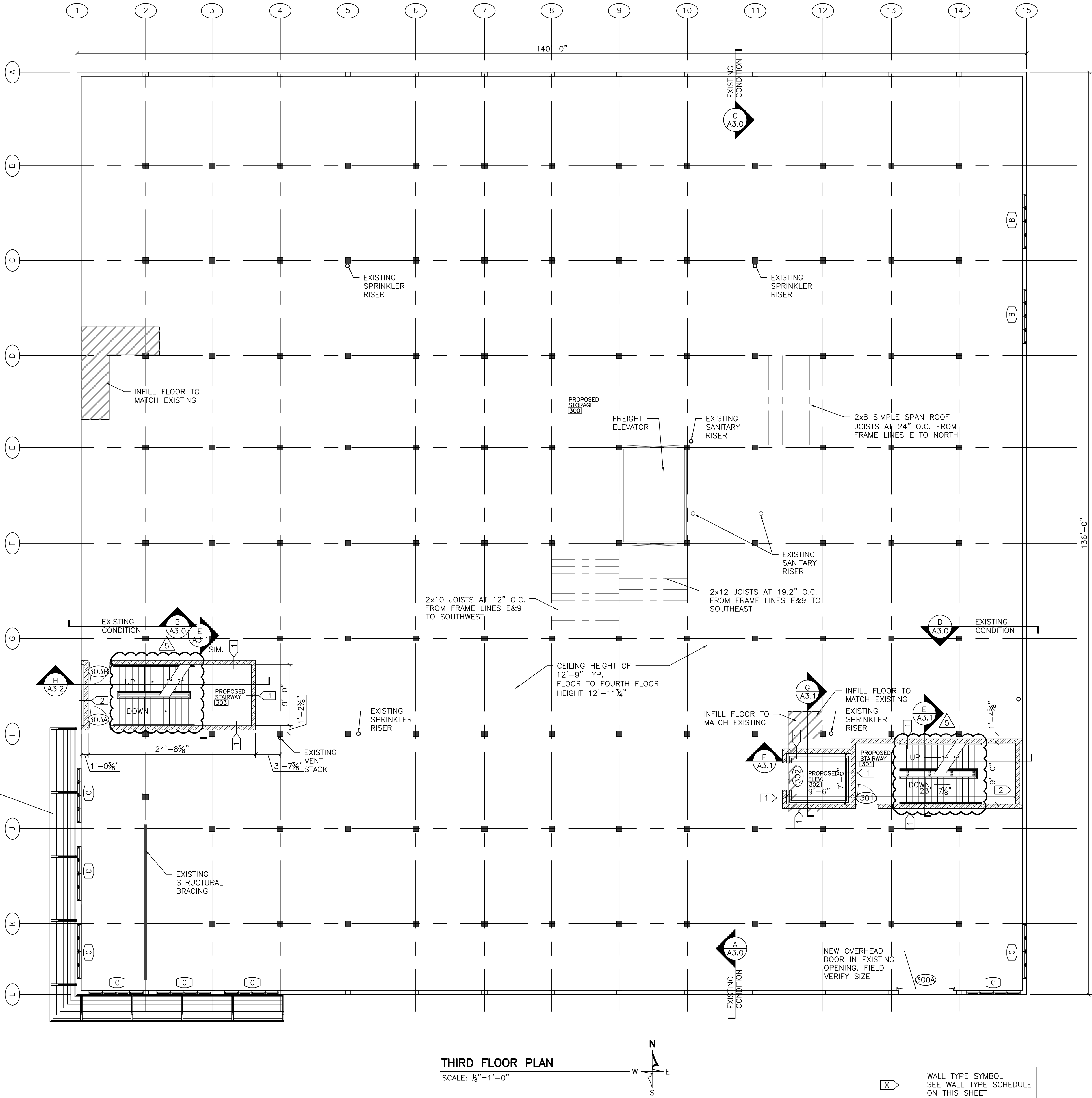
A1.1

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WALL TYPE SCHEDULE

NO.	DESCRIPTION	WALL DIAGRAM
1	8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	
2	EXISTING ADJACENT WALL 8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	



THIRD FLOOR PLAN

SCALE: 3/8"=1'-0"

WALL TYPE SYMBOL
SEE WALL TYPE SCHEDULE
ON THIS SHEET



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3	MISCELLANEOUS REVISIONS	03-07-2022
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5	MISCELLANEOUS REVISIONS	04-07-2022

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ISSUE NO	REVISIONS	ISSUE DATE
1	MISCELLANEOUS REVISIONS	12-29-2021
2	MISCELLANEOUS REVISIONS	02-03-2022
3	MISCELLANEOUS REVISIONS	03-07-2022
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5	MISCELLANEOUS REVISIONS	04-07-2022

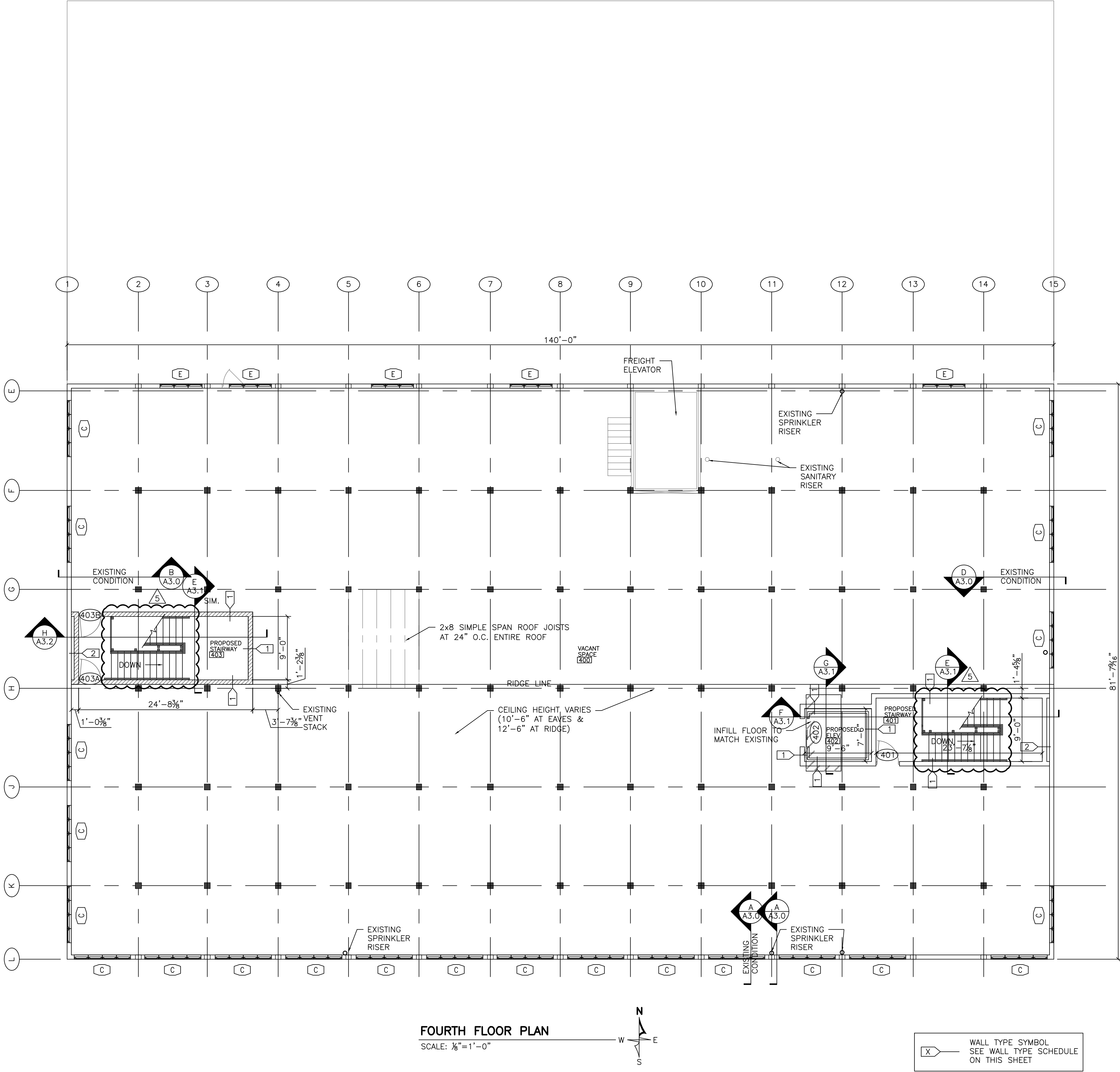
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SH1234 KENTUCKY AVE.
SHEBOYGAN, WI. 53081

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OCTOBER 28, 2021
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C. DUESCHER

Project number
Date
Drawn by
Checked by

A1.3

WALL TYPE SCHEDULE		
NO.	DESCRIPTION	WALL DIAGRAM
1	8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	
2	EXISTING ADJACENT WALL 8" CMU WITH #5 BARS AT 48" O.C. WITH 30" LAPS IN GROUTED SOLID CORES AND HORIZONTAL LADDER REINFORCING AT 16" O.C. PER UL DESIGN U905 (2 HOUR RATING) PROVIDE BOND BEAMS AT ALL LEDGER AND BEAM BEARING LOCATIONS. HEIGHT: FULL	



WALL TYPE SYMBOL
SEE WALL TYPE SCHEDULE
ON THIS SHEET

ISSUED FOR CONSTRUCTION



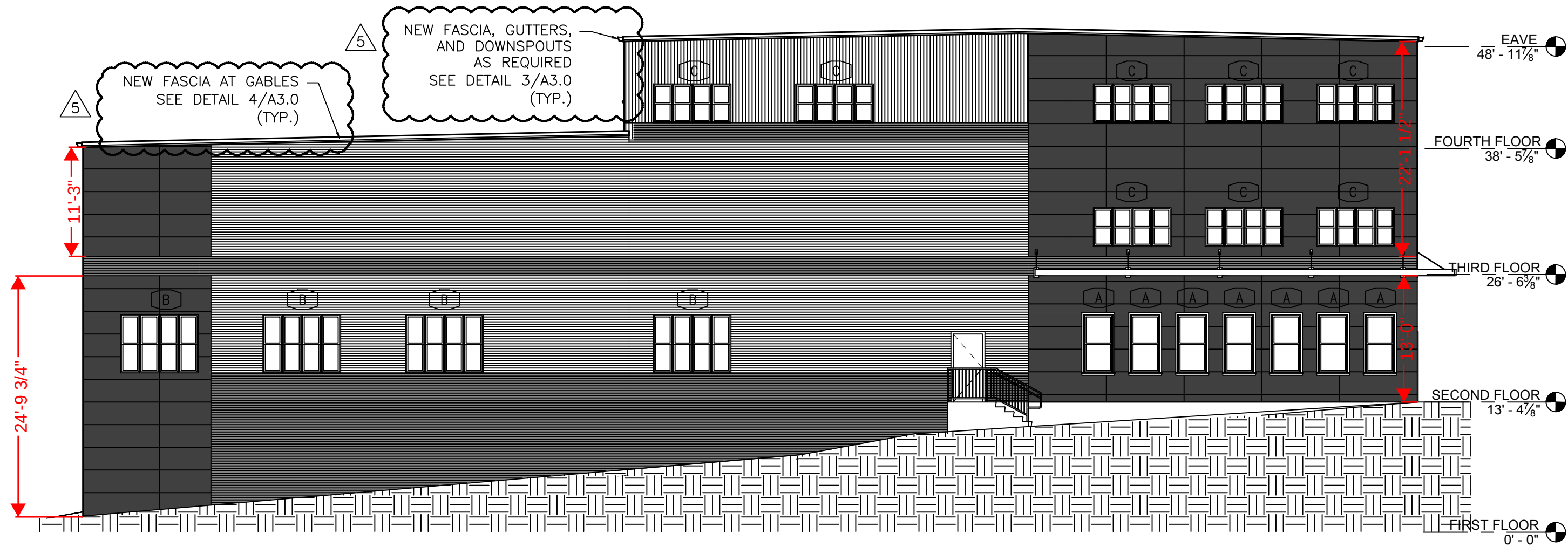
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1	MISCELLANEOUS REVISIONS	12-29-2021
2	MISCELLANEOUS REVISIONS	02-03-2022
3	MISCELLANEOUS REVISIONS	03-07-2022
4	MISC. ELEV. REVISIONS	03-21-2022
5	MISCELLANEOUS REVISIONS	04-07-2022

PROPOSED ALTERATIONS FOR:
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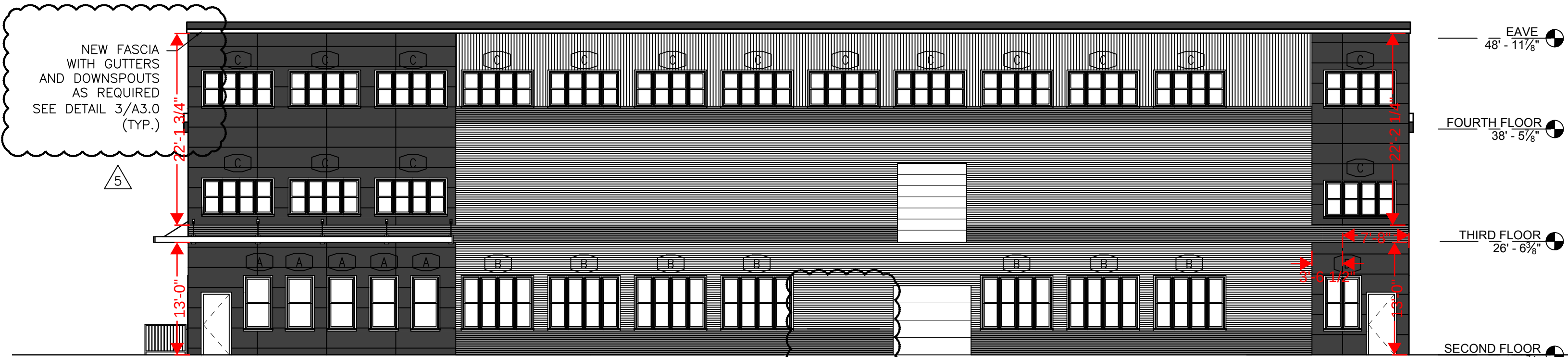
WEST ELEVATION
SCALE: 3/32"=1'-0"

△ 5
DEMO NOTE:
CUT AND REMOVE ALL OVERHANGS



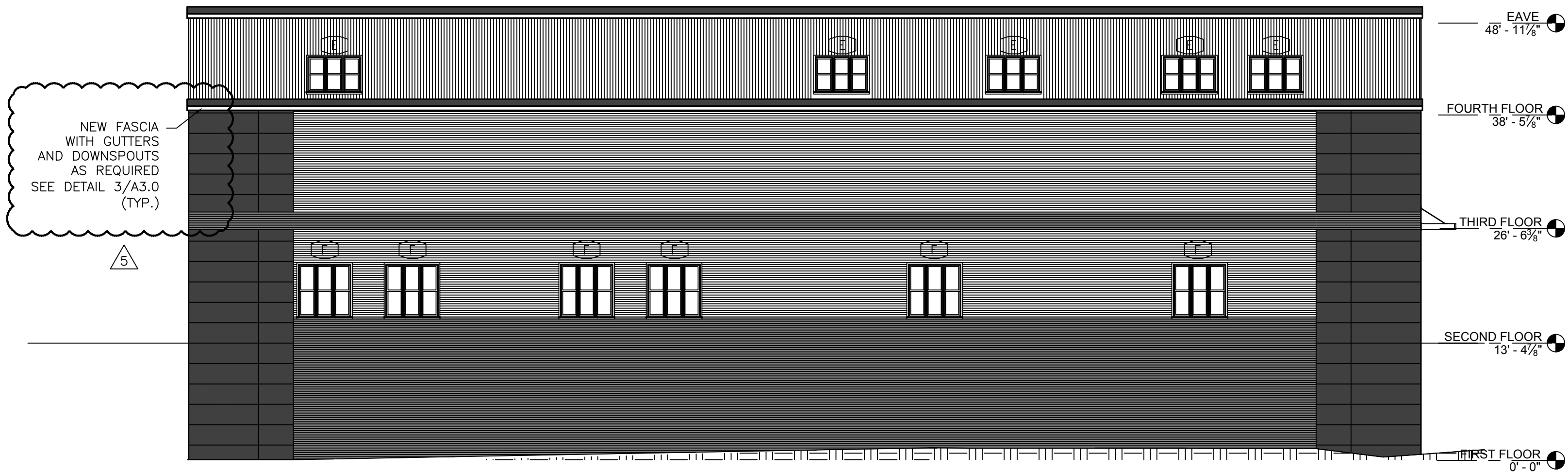
EAST ELEVATION
SCALE: 3/32"=1'-0"

ADJUST GRADE TO
ACCOMMODATE NEW
EXIT DOOR. VERIFY
GRADING WITH CIVIL.



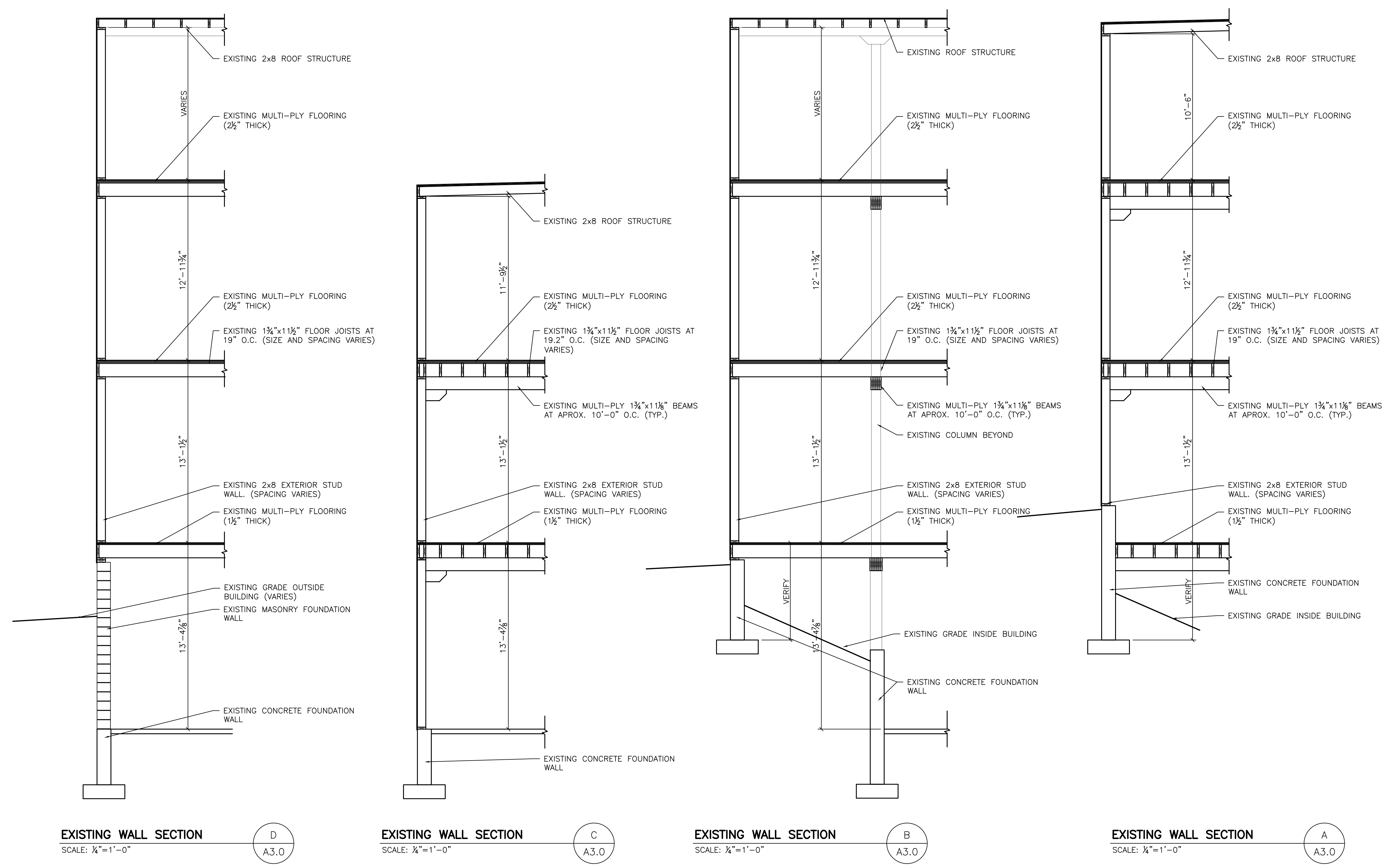
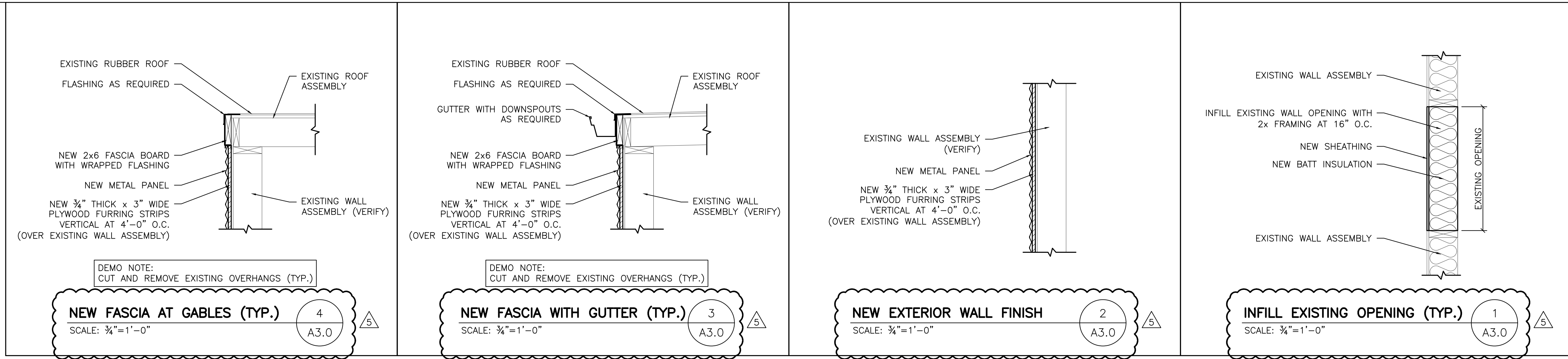
SOUTH ELEVATION
SCALE: 3/32"=1'-0"

△ 5
DEMO WINDOW



NORTH ELEVATION
SCALE: 3/32"=1'-0"

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5	MISCELLANEOUS REVISIONS	04-07-2022

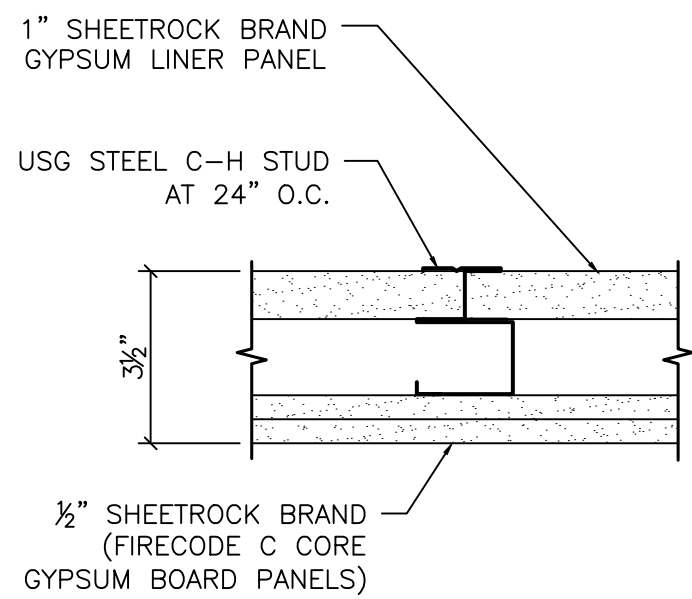
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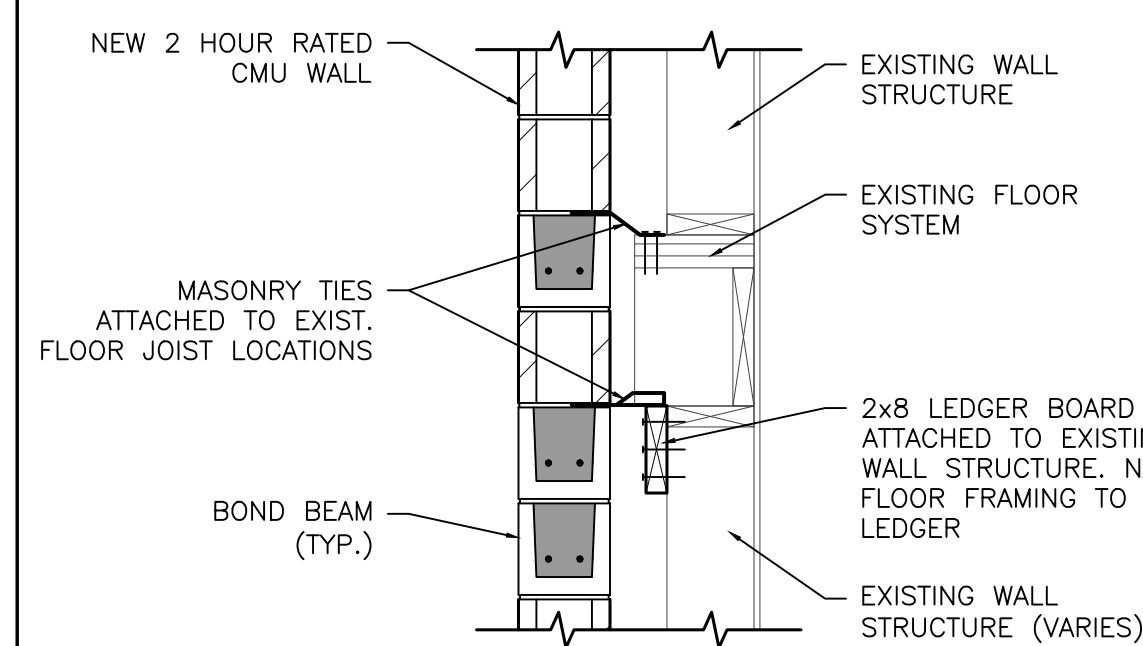
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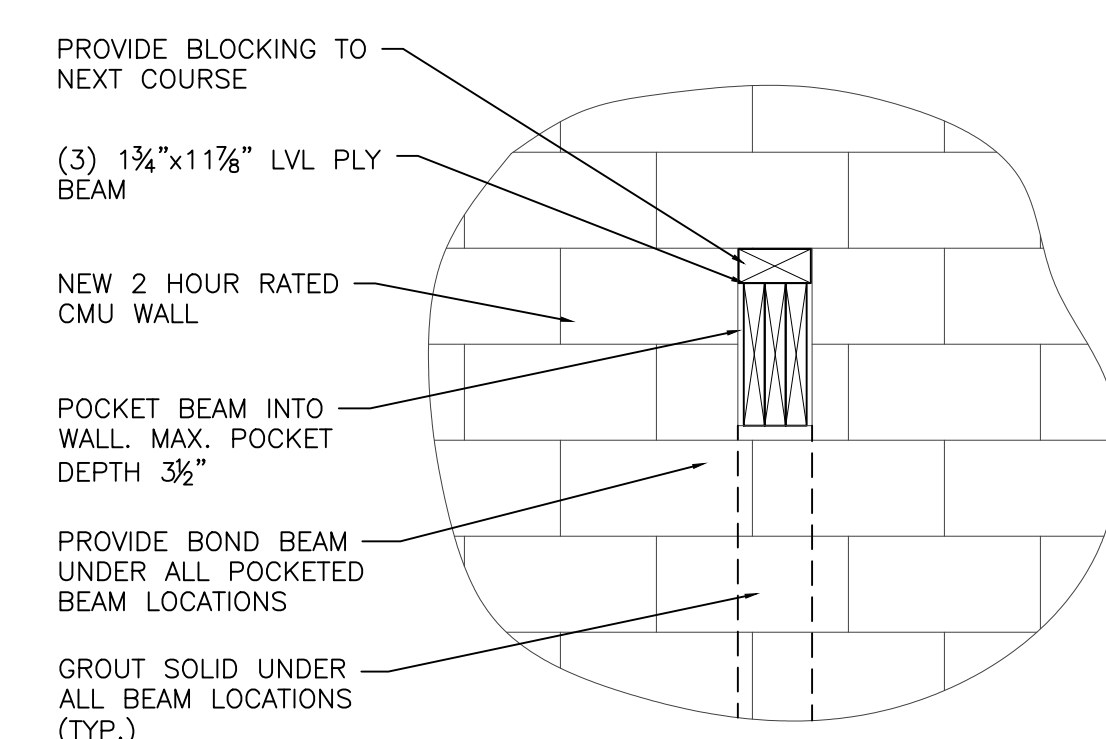
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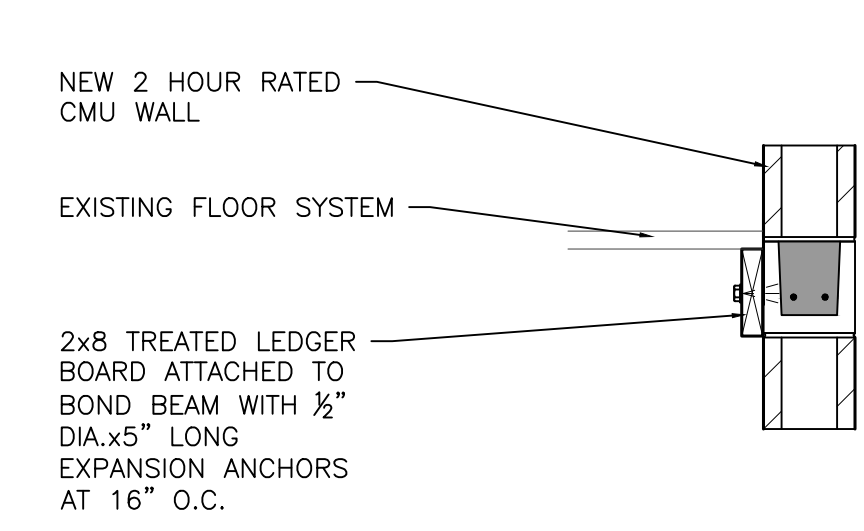
SHAFT CEILING DETAIL
(NER-258)
SCALE: 3/4"=1'-0"



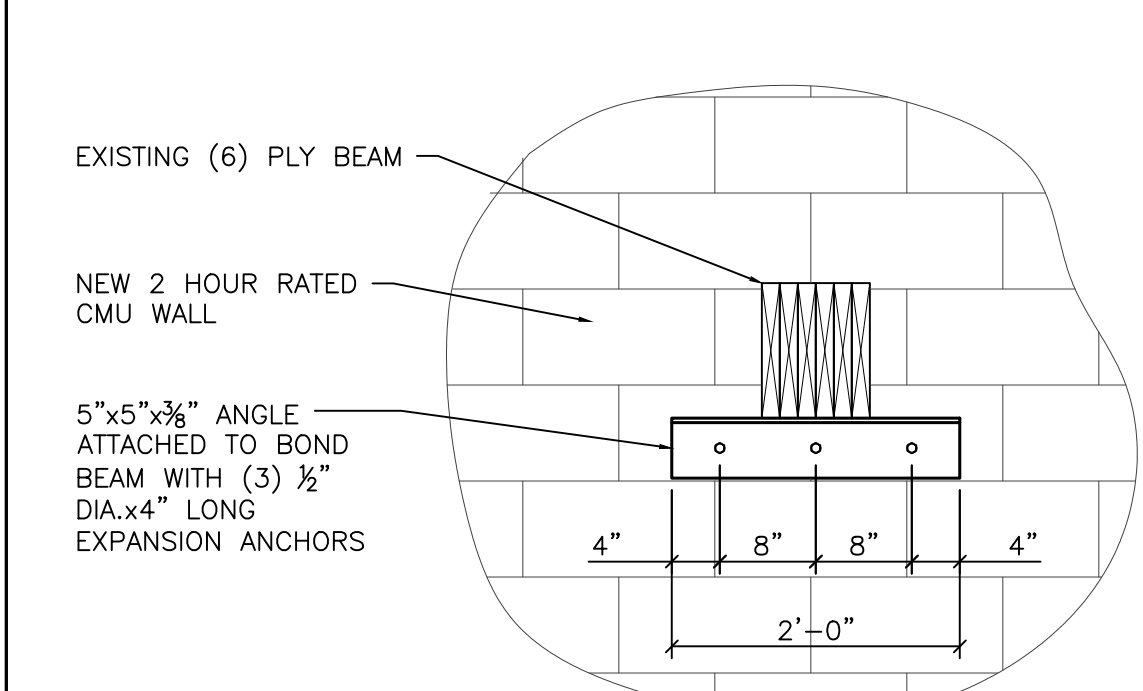
CMU TIED TO EXIST. FLOOR JOIST
SCALE: 3/4"=1'-0"



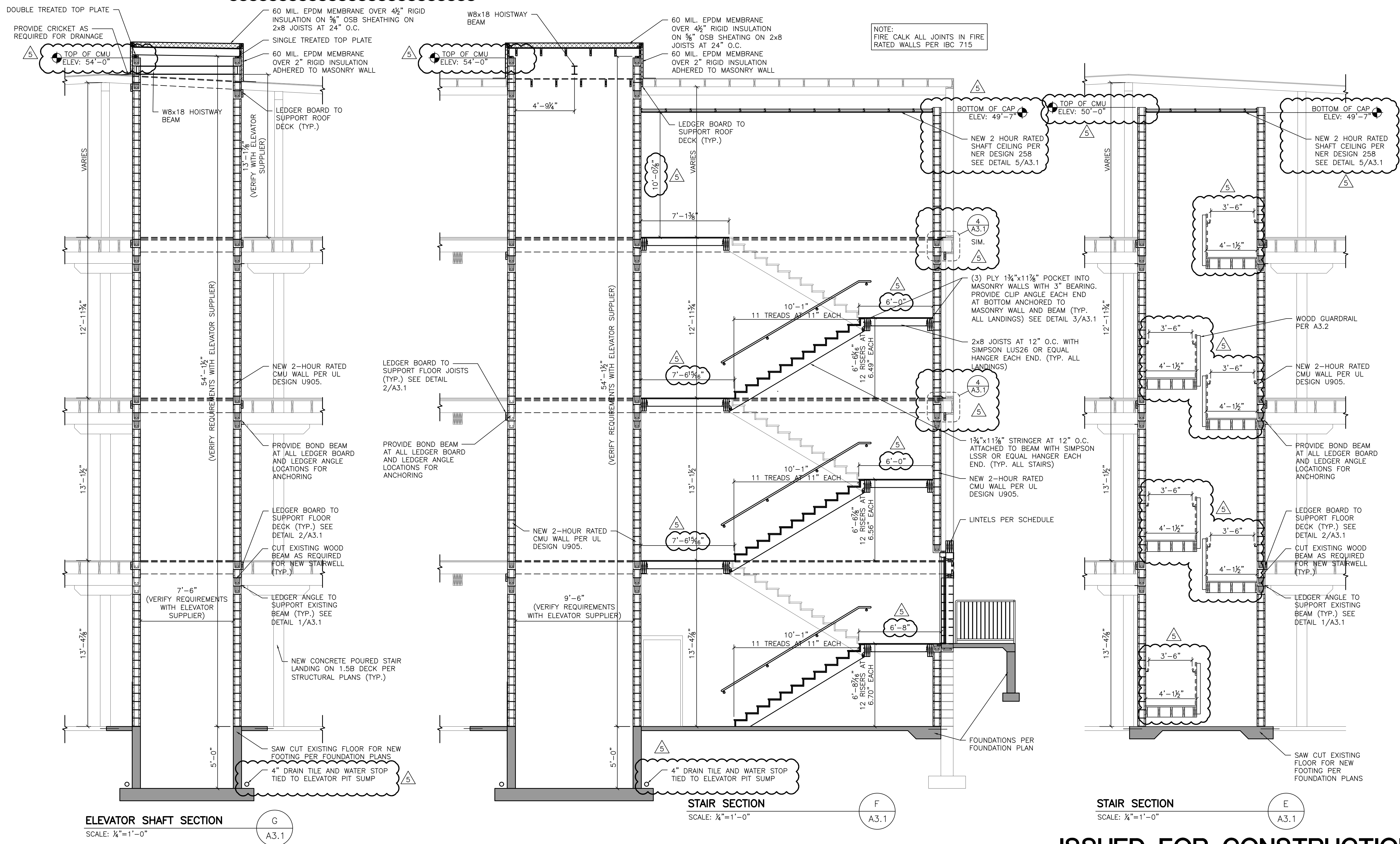
POCKETED BEAM DETAIL (TYP.)
SCALE: 3/4"=1'-0"



LEDGER BOARD DETAIL (TYP.)
SCALE: 3/4"=1'-0"



BEAM SUPPORT DETAIL (TYP.)
SCALE: 3/4"=1'-0"



ELEVATOR SHAFT SECTION
SCALE: 1/4"=1'-0"

STAIR SECTION
SCALE: 1/4"=1'-0"

STAIR SECTION
SCALE: 1/4"=1'-0"



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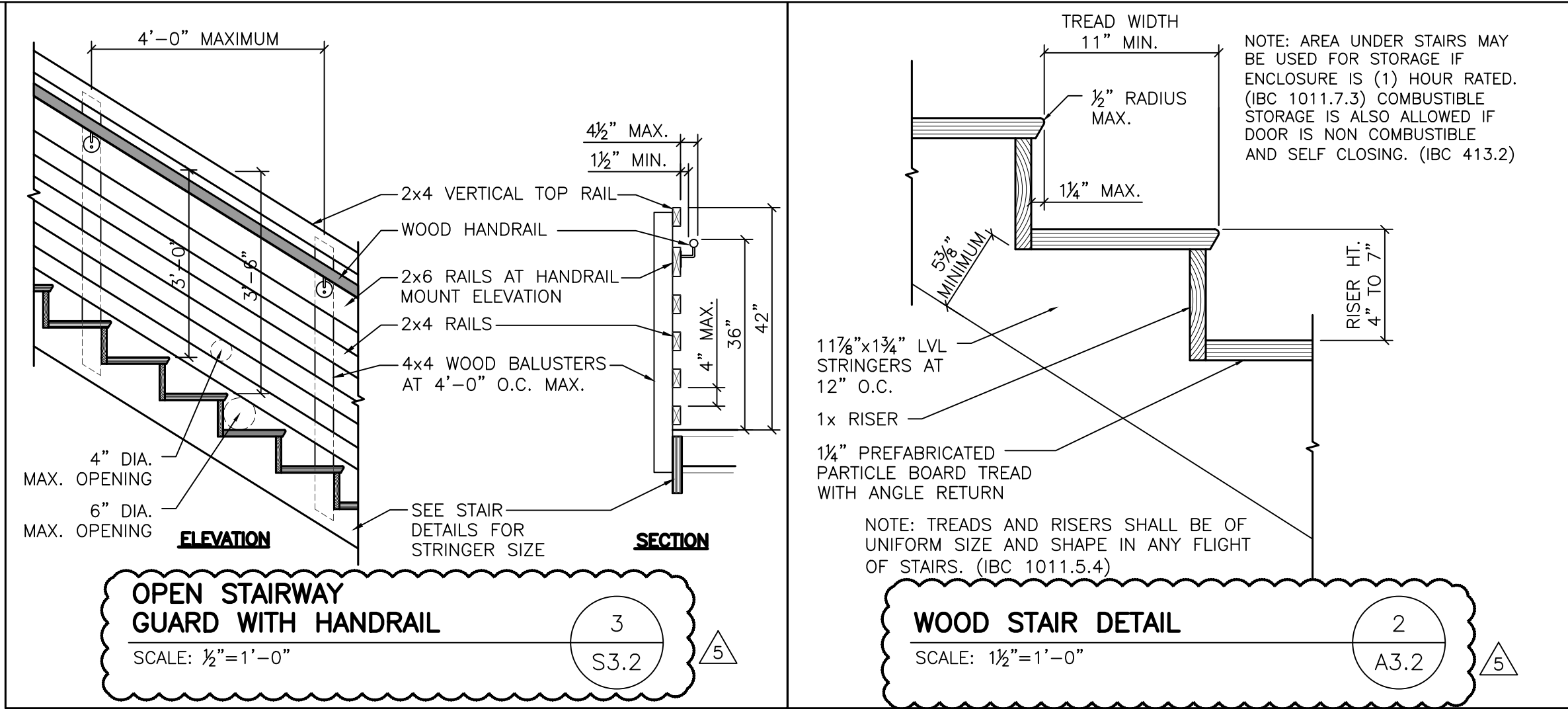
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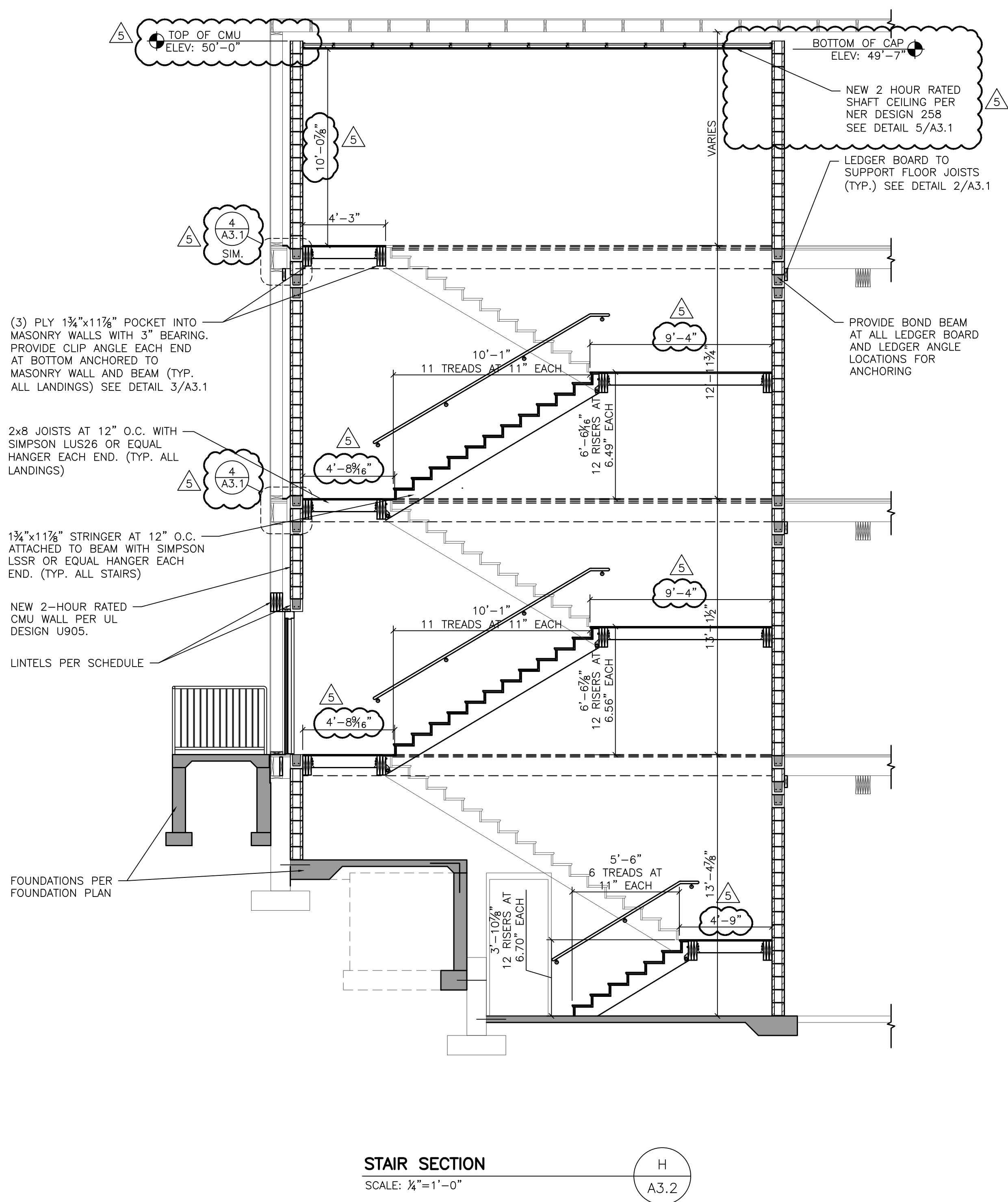
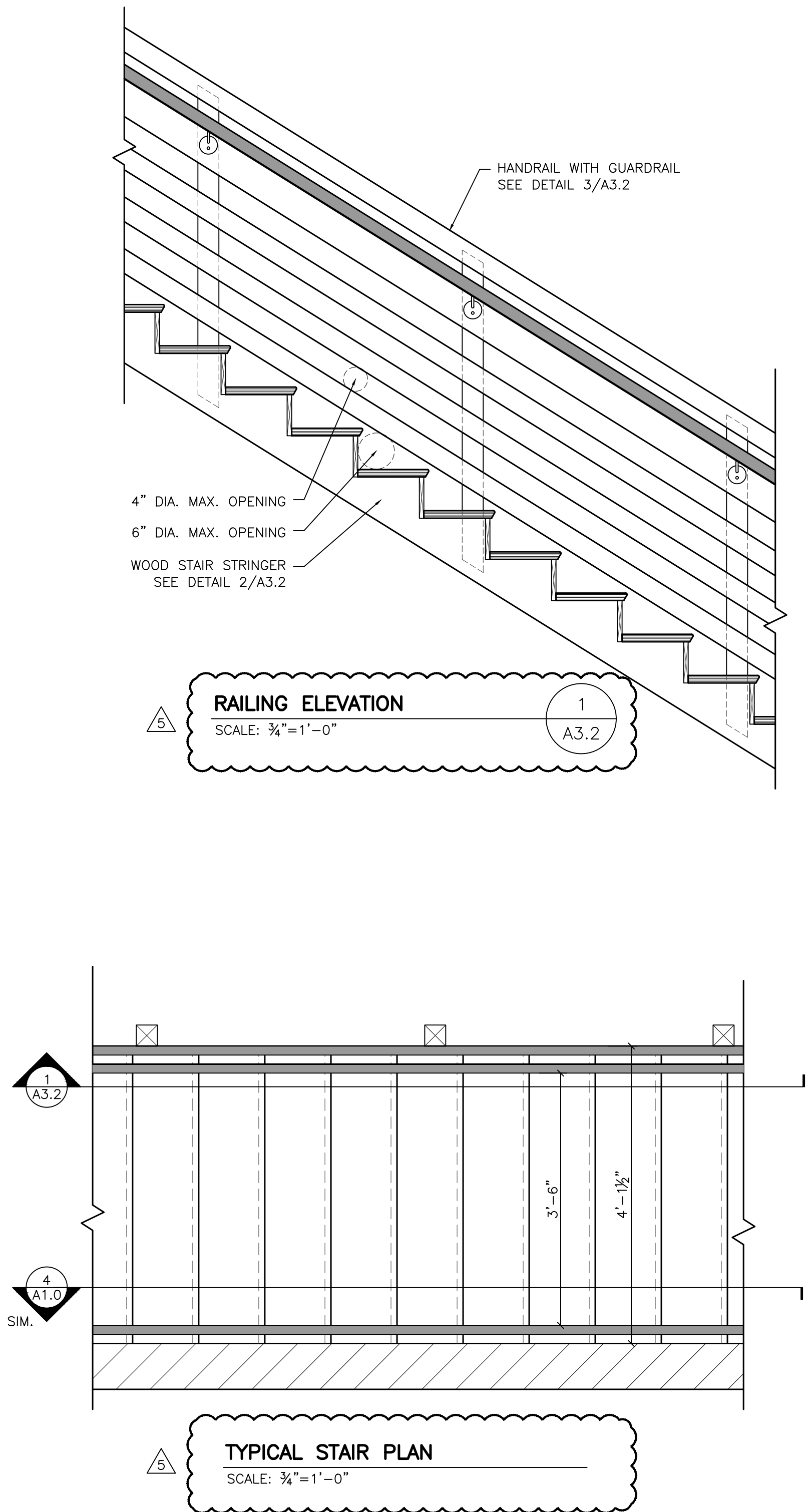
21071
OCTOBER 28, 2021
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NOTE:
ALL INTERIOR STAIR GUARDRAILS AND HANDRAILS TO BE WOOD CONSTRUCTION



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