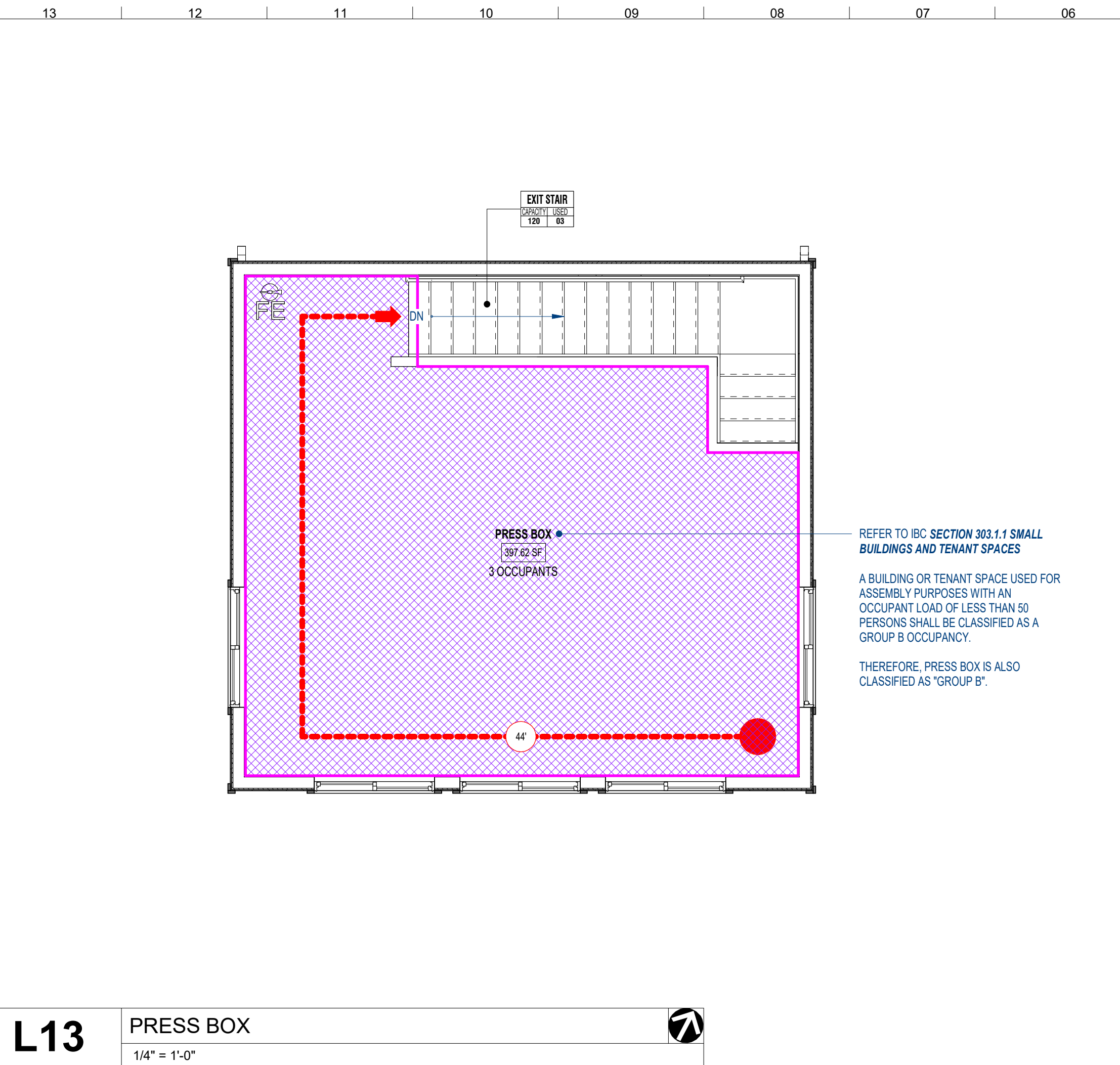
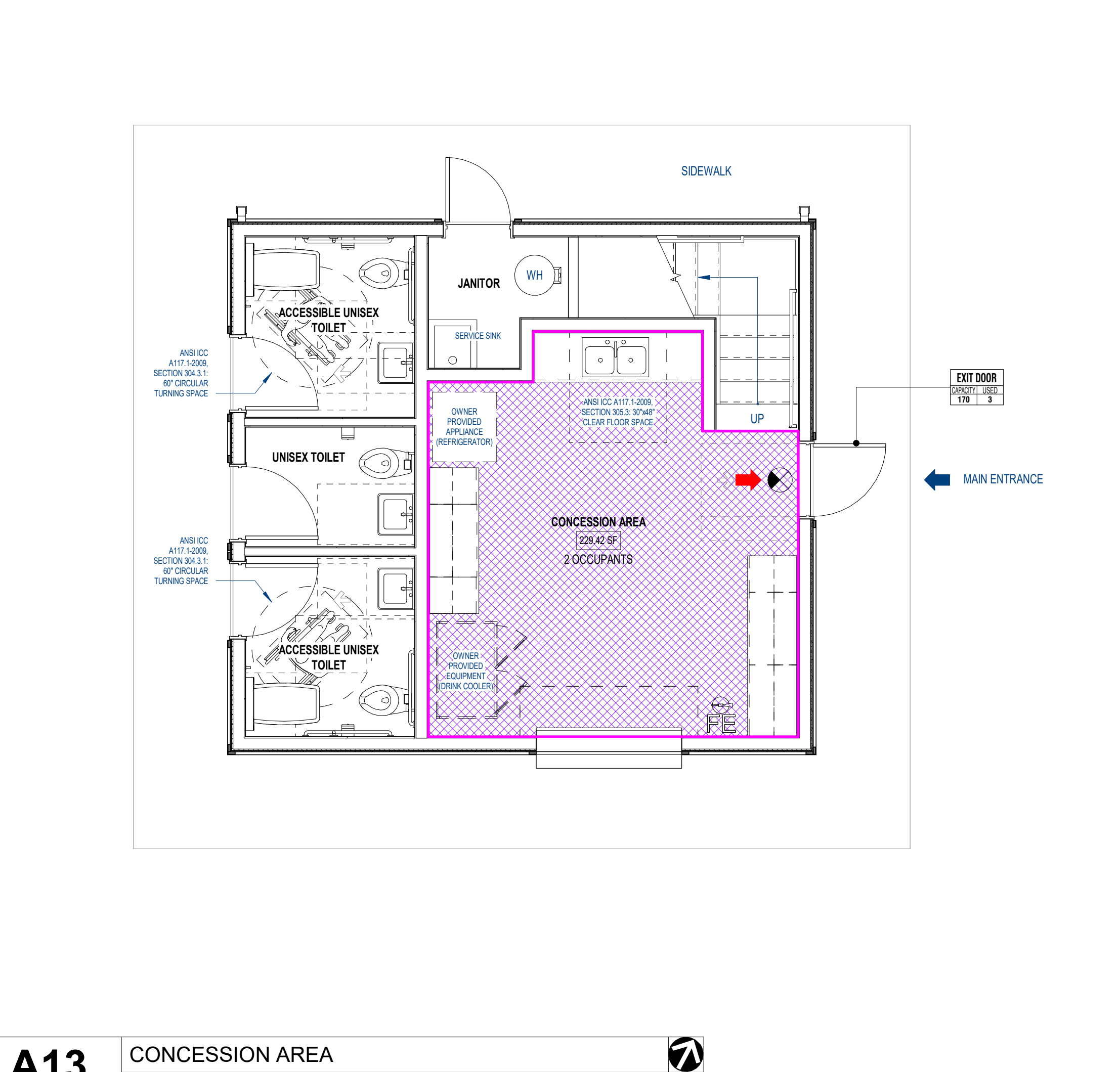


2018 INTERNATIONAL BUILDING CODE (IBC):																																																																			
IBC CHAPTER 1: SCOPE & ADMINISTRATION		*NOTE: THIS PROJECT IS SUBJECT TO ALL APPLICABLE SECTIONS OF THE INTERNATIONAL BUILDING CODE, UNLESS SPECIFICALLY NOTED OTHERWISE, INCLUDING BUT NOT LIMITED TO THOSE LISTED BELOW. FOR THE PURPOSES OF THIS REVIEW, AN ABBREVIATED LIST OF REQUIREMENTS HAS BEEN REFERENCED BELOW.																																																																	
IBC CHAPTER 2: DEFINITIONS		NA																																																																	
IBC CHAPTER 3: OCCUPANCY CLASSIFICATION & USE		PRIMARY OCCUPANCY: GROUP B BUSINESS (SECTION 304); NON-SPRINKLERED. NOTE: SECTION 303.1.1 SMALL BUILDINGS AND TENANT SPACES A BUILDING OR TENANT SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY. THEREFORE, PRESS BOX IS ALSO CLASSIFIED AS "GROUP B".																																																																	
IBC CHAPTER 4: SPECIAL DETAILED REQUIREMENTS		NA																																																																	
IBC CHAPTER 5: GENERAL BUILDING HEIGHTS & AREAS		PROJECT GRADE PLANE ELEVATION: 834.00 FEET ALLOWABLE BUILDING HEIGHT (w/o MODIFICATIONS): 40'-0", 2 STORIES ABOVE GRADE PLANE, w/o SPRINKLER (TABLES 504.3 & 504.4) ALLOWABLE HEIGHT MODIFICATIONS: NA ACTUAL BUILDING HEIGHT: 24'-10", 2 STORIES ABOVE GRADE PLANE MEZZANINES & EQUIPMENT PLATFORMS: NA ALLOWABLE BUILDING AREA (w/o MODIFICATIONS): 9,000 SF, w/o SPRINKLER (TABLE 506.2) ALLOWABLE AREA MODIFICATIONS: NA FRONTAGE INCREASE: NA TOTAL ALLOWABLE BUILDING AREA: 9,000 TOTAL ALLOWABLE ACTUAL BUILDING AREA: LEVEL 01: 230 SF (INCLUDING TOILETS) LEVEL 02: 398 SF TOTAL: 628 SF 868 SF (TOTAL INTERIOR SF)																																																																	
IBC CHAPTER 6: TYPES OF CONSTRUCTION		CONSTRUCTION TYPE: TYPE VB, UNPROTECTED FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601): PRIMARY STRUCTURAL FRAME: 0 HOUR-> BEARING WALLS: EXTERIOR: 0 HOUR INTERIOR: 0 HOUR NON-BEARING WALLS & PARTITIONS: EXTERIOR (TABLE 602): REQ'd LISTED BELOW PER FIRE SEPARATION DISTANCE INTERIOR: 0 HOUR FLOOR CONSTRUCTION & SECONDARY MEMBERS: 0 HOUR ROOF CONSTRUCTION & SECONDARY MEMBERS: 0 HOUR																																																																	
IBC CHAPTER 7: FIRE & SMOKE PROTECTION FEATURES		FIRE RESISTANCE RATING REQUIREMENTS: FIRE WALLS (SECTION 706.4): FIRE BARRIERS (SECTION 707.3): FIRE PARTITIONS (SECTION 708.3): SMOKE BARRIERS (SECTION 709.3): SMOKE PARTITIONS (SECTION 710.3): SHAFT ENCLOSURES (SECTION 713.4): WALLS & PARTITIONS: NO FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, OR RATED SHAFT ENCLOSURES REQUIRED BY THIS PHASE OF CONSTRUCTION OPENINGS (TABLE 716.1): DOORS: WINDOWS:																																																																	
IBC CHAPTERS 8 - 9:		THE REQUIREMENTS OF CHAPTERS 8 - 9 ARE REFERENCED IN THE PROJECT SPECIFICATIONS / ON THE DRAWINGS AS APPLICABLE TO THIS PROJECT.																																																																	
IBC CHAPTER 10: MEANS OF EGRESS		*NOTE: ALL AREAS ARE APPROXIMATE & INTENDED FOR CODE USE ONLY																																																																	
		<table border="1"> <thead> <tr> <th>FLOOR</th> <th>FUNCTION OF SPACE</th> <th>OCCUPANT LOAD FACTOR</th> <th>AREA</th> <th>CALCULATED OCC. LOAD</th> </tr> </thead> <tbody> <tr> <td>LEVEL 01:</td> <td>CONCESSION (BUSINESS OCC.)</td> <td>150 GROSS OLF</td> <td>230 SF</td> <td>2 OCCUPANTS</td> </tr> <tr> <td>LEVEL 02:</td> <td>PRESS BOX (BUSINESS OCC.)</td> <td>150 GROSS OLF</td> <td>398 SF</td> <td>3 OCCUPANTS</td> </tr> </tbody> </table> EGRESS WIDTH PER OCCUPANT SERVED: STAIRWAYS: 0.9' REQUIRED, 36" PROVIDED (0.3 INCHES PER OCCUPANT, UNSPRINKLERED, SECTION 1005.3.1) OTHER COMPONENTS: 0.6' REQUIRED, 36" PROVIDED (0.2 INCHES PER OCCUPANT, UNSPRINKLERED, SECTION 1005.3.2) MINIMUM NUMBER OF EXITS: 1 EXIT PROVIDED DUE TO DESIGN OCCUPANT LOAD <49 PERSONS (GROUP B); SECTION 1006.2.1 AND TABLE 1006.2.1 SEPARATION OF EXIT & EXIT ACCESS DOORWAY CONFIGURATION: REFER TO LIFE SAFETY PLANS. ONE EXIT PROVIDED DUE TO OCCUPANT COUNT (THIS, SEPARATION OF EXITS IS NOT APPLICABLE). EXIT ACCESS TRAVEL DISTANCE: MAXIMUM DEAD END CORRIDOR: DOES NOT EXCEED 200 FEET, NON-SPRINKLERED FOR OCCUPANCY GROUP B, (TABLE 1017.2) EMERGENCY ESCAPE & RESCUE OPENING REQ'D. (SECTION 1030): N/A								FLOOR	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	AREA	CALCULATED OCC. LOAD	LEVEL 01:	CONCESSION (BUSINESS OCC.)	150 GROSS OLF	230 SF	2 OCCUPANTS	LEVEL 02:	PRESS BOX (BUSINESS OCC.)	150 GROSS OLF	398 SF	3 OCCUPANTS																																											
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IBC CHAPTER 11: ACCESSIBILITY		NO CHANGE TO EXISTING PARKING. ALL PARKING FOR SOFTBALL FIELD, CONCESSION BUILDING AND PRESS BOX IS PROVIDED ACROSS DRAGON DRIVE IN EXISTING PARKING LOTS FOR CLINTON HIGH SCHOOL. THIS BUILDING WILL NOT BE IN OPERATION DURING SCHOOL HOURS.																																																																	
IBC CHAPTER 12 - 16:		THE REQUIREMENTS OF CHAPTERS 12 - 16 ARE REFERENCED IN THE PROJECT SPECIFICATIONS / ON THE DRAWINGS AS APPLICABLE TO THIS PROJECT.																																																																	
IBC CHAPTER 17: SPECIAL INSPECTIONS & TESTING REQUIREMENTS		*NOTE: THIS PROJECT IS SUBJECT TO ALL APPLICABLE SECTIONS OF THE CHAPTER 17 REQUIREMENTS UNLESS SPECIFICALLY NOTED OTHERWISE. AUTHORITIES HAVING JURISDICTION MAY REQUIRE MORE INSPECTIONS THAN OUTLINED IN THE CODE. CONTRACTOR TO COORDINATE ALL REQUIRED INSPECTIONS WITH AHJ.																																																																	
IBC CHAPTER 18 - 28:		THE REQUIREMENTS OF CHAPTERS 18 - 28 ARE REFERENCED IN THE PROJECT SPECIFICATIONS / ON THE DRAWINGS AS APPLICABLE TO THIS PROJECT.																																																																	
IBC CHAPTER 29: PLUMBING SYSTEMS		<table border="1"> <thead> <tr> <th rowspan="2">AREA</th> <th rowspan="2">OCCUPANCY</th> <th rowspan="2">OCC. LOAD</th> <th colspan="2">WATER CLOSETS</th> <th colspan="2">LAVATORIES</th> <th colspan="2">D.F.</th> <th colspan="2">SERVICE SINK</th> </tr> <tr> <th>MALE REQ.</th> <th>FEMALE REQ.</th> <th>MALE REQ.</th> <th>FEMALE REQ.</th> <th>REQ.</th> <th>PROV.</th> <th>REQ.</th> <th>PROV.</th> </tr> </thead> <tbody> <tr> <td>LEVEL 01:</td> <td>BUSINESS</td> <td>5</td> <td>1^a</td> <td>1^a</td> <td>1^a</td> <td>1^a</td> <td>1^a</td> <td>1^a</td> <td>0^a</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>BLEACHERS (SETS OF 2) OCC. EA. TOTAL OF 144 OCC.</td> <td>ASSEMBLY</td> <td>144</td> <td>1</td> <td>1</td> <td>2</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>0^a</td> <td>0</td> <td>1</td> </tr> <tr> <td colspan="3">GRAND TOTALS:</td> <td>1^a</td> <td>3^a</td> <td>2^a</td> <td>3^a</td> <td>1^a</td> <td>3^a</td> <td>1^a</td> <td>0^a</td> <td>0</td> <td>1</td> </tr> </tbody> </table> a. 1 WATER CLOSET REQUIRED TOTAL MALE AND FEMALE COMBINED TOTAL. b. 1 LAVATORY REQUIRED TOTAL MALE AND FEMALE COMBINED TOTAL. c. PROJECT WILL PROVIDE UNISEX TOILETS IN ORDER TO BE AS FLEXIBLE AS POSSIBLE AND ACCOMMODATE THE NEEDS OF THE USERS. THE INTENT OF THE CODE IS MET BY COMBINING THE CODE REQUIRED MINIMUMS OF MALE AND FEMALE USERS TO DETERMINE THE REQUIRED NUMBER OF UNISEX TOILETS. d. NONE REQUIRED PER SECTION 411.4 OF PLUMBING CODE (WATER WILL BE PROVIDED FREE OF CHARGE). e. WHERE RESTAURANTS PROVIDE DRINKING WATER IN A CONTAINER FREE OF CHARGE, DRINKING FOUNTAINS SHALL NOT BE REQUIRED IN THOSE RESTAURANTS.								AREA	OCCUPANCY	OCC. LOAD	WATER CLOSETS		LAVATORIES		D.F.		SERVICE SINK		MALE REQ.	FEMALE REQ.	MALE REQ.	FEMALE REQ.	REQ.	PROV.	REQ.	PROV.	LEVEL 01:	BUSINESS	5	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	0 ^a	0	0	1	BLEACHERS (SETS OF 2) OCC. EA. TOTAL OF 144 OCC.	ASSEMBLY	144	1	1	2	2	1	1	1	0 ^a	0	1	GRAND TOTALS:			1 ^a	3 ^a	2 ^a	3 ^a	1 ^a	3 ^a	1 ^a	0 ^a	0	1
AREA	OCCUPANCY	OCC. LOAD	WATER CLOSETS		LAVATORIES		D.F.		SERVICE SINK																																																										
			MALE REQ.	FEMALE REQ.	MALE REQ.	FEMALE REQ.	REQ.	PROV.	REQ.	PROV.																																																									
LEVEL 01:	BUSINESS	5	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	1 ^a	0 ^a	0	0	1																																																							
BLEACHERS (SETS OF 2) OCC. EA. TOTAL OF 144 OCC.	ASSEMBLY	144	1	1	2	2	1	1	1	0 ^a	0	1																																																							
GRAND TOTALS:			1 ^a	3 ^a	2 ^a	3 ^a	1 ^a	3 ^a	1 ^a	0 ^a	0	1																																																							



L13 PRESS BOX
1/4" = 1'-0"



A13 CONCESSION AREA
1/4" = 1'-0"

PROJECT IDENTIFICATION:	
PROJECT NAME:	CLINTON HS SOFTBALL CONCESSION BUILDING
PROJECT NUMBER:	22021
LOCATION:	425 DRAGON DRIVE, CLINTON, TN, 37716
SITE ZONING & CODES REVIEW:	
RESEARCH BY:	TYLER GOZA, DESIGN INNOVATION (DIA)
RESEARCH DATE:	2024-03-01
RESEARCH VERIFIED BY:	GREG CAMPBELL, DESIGN INNOVATION (DIA), ARCHITECT OF RECORD
AUTHORITIES HAVING JURISDICTION (AHJ):	CLINTON, TN - BUILDING CODES DEPT.
ZONING ORDINANCES & AMENDMENTS:	R-1 LOW DENSITY RESIDENTIAL DISTRICT
IT IS OUR UNDERSTANDING THAT A SITE PLAN PREPARED AS REGULATED IN SECTION 14-310 HAS BEEN REVIEWED AND APPROVED BY THE PLANNING COMMISSION IN CLINTON, TN FOR THIS SITE FOR PRIOR PHASES OF WORK BY OTHERS.	
APPLICABLE CODES & GUIDELINES:	
2018	INTERNATIONAL BUILDING CODE (IBC)
2009	INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
	INTERNATIONAL FIRE CODE (IFC)
	INTERNATIONAL FUEL GAS CODE (IFGC)
	INTERNATIONAL MECHANICAL CODE (IMC)
	INTERNATIONAL PLUMBING CODE (IPC)
	INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC)
2010	AMERICANS WITH DISABILITIES ACT (ADA) - ACCESSIBILITY GUIDELINES
	NATIONAL ELECTRIC CODE (NEC)
	NFPA 701 LIFE SAFETY CODE
2009	ICC / ANSI A117.1 ACCESSIBLE & USABLE BUILDINGS & FACILITIES
PROJECT SCOPE:	
CLINTON HIGH SCHOOL IS LOOKING TO BUILD A TWO-STORY CONCESSION BUILDING AND PRESS BOX NEAR THEIR SOFTBALL FIELD ON THE CAMPUS OF CLINTON HIGH SCHOOL. THE FIELD IS NOT PART OF THE SCOPE OF THIS PROJECT. THE FACILITY IS NOT INTENDED TO BE USED FOR STUDENTS TO OBTAIN EDUCATIONAL CREDITS AND WILL NOT BE IN OPERATION DURING SCHOOL HOURS.	
THE PROJECT DOES NOT REQUIRE STATE FIRE MARSHAL REVIEW. A NO REVIEW LETTER IS ATTACHED TO SHEET G000.	

LIFE SAFETY GRAPHIC LEGEND

LIFE SAFETY GRAPHIC LEGEND	
	MAXIMUM EXIT / EXIT ACCESS TRAVEL DISTANCE
	EXIT / EXIT ACCESS TRAVEL DISTANCE SEGMENT START / STOP
	WALL HOOK MOUNTED FIRE EXTINGUISHER
	EXIT SIGNAGE & EMERGENCY LIGHTING (SEE ELECTRICAL DRAWINGS)
	EXIT / EXIT ACCESS COMPONENT & TAG 36" (34" CLEAR) EXIT / EXIT ACCESS DOOR = 170 OCCUPANTS MAX (341'2) PER IBC §1005.3.2 36" (36" CLEAR BETWEEN HANDRAILS) INTERIOR EXIT STAIR = 120 OCCUPANTS MAX, (367'3) PER IBC §1005.3.1
	ACCESSIBLE CLEAR FLOOR SPACE

OCCUPANCY FUNCTION KEY

OCCUPANCY FUNCTION - LOAD CALCULATIONS	
	Business areas

CITY OF CLINTON FIRE DEPARTMENT

FIRE CHIEF:
JEFF LITTLE
JLITTLE@CLINTONTN.NET
(865) 457-2131
CONTACT: DANIEL ADAMS (DADAMS@CLINTONTN.NET)
HEADQUARTERS:
125 W. BROAD ST
CLINTON, TN 37716
FIRE STATION 1 - 100 LONGMIRE ROAD
FIRE STATION 2 - 264 HIGHWAY DRIVE

DIA
Design Innovation
ARCHITECTS + INTERIORS + PLANNING
402 S. Gay Street, Suite 201, Knoxville, TN 37902
ph 865.637.8540 / fx 865.544.3840
www.dia-arch.com

CONSTRUCTION DOCUMENTS FOR
CLINTON HS SOFTBALL CONCESSION BLDG
CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN

Est. 1867

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SHEET DESCRIPTION
GENERAL PROJECT INFORMATION, CODE REQUIREMENTS, AND LIFE SAFETY PLANS

G001
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021

3/1/2024 2:10:48 PM

Table of abbreviations and symbols, organized in columns A through U and rows 01 through 21. Includes categories like CORR (CORRIDOR), FECS (FIRE EXTINGUISHER), INCL (INCINERATOR), etc.

Table of standard materials with columns for material name and drawing view title. Includes materials like ALUMINUM, ASPHALT, BRICK, CMU, CONCRETE, EARTH, etc.

Q05 LEGEND - STANDARD MATERIALS NOT TO SCALE

Legend - Standard Symbols (A07) section containing various drawing symbols and their corresponding titles. Includes sections for TITLE MARKER REFERENCE, DETAIL SECTION REFERENCE, ROOM NAME REFERENCE, KEYED NOTE REFERENCE, CURTAIN WALL TAG & WINDOW REFERENCE, COLUMN REFERENCE, ELEVATION / DATUM REFERENCE, WALL SECTION REFERENCE, DIMENSION REFERENCE, ENLARGED DETAIL REFERENCE, CEILING REFERENCE, BUILDING SECTION REFERENCE, WALL ALIGNMENT REFERENCE, INTERIOR ELEVATION REFERENCE, EXTERIOR ELEVATION REFERENCE, DOOR REFERENCE, and REVISION CLOUD REFERENCE.

A07 LEGEND - STANDARD SYMBOLS NOT TO SCALE

Professional seal for Gregory Scott Campbell, Registered Professional Architect, No. 101940, State of Tennessee, dated 2024-03-01.

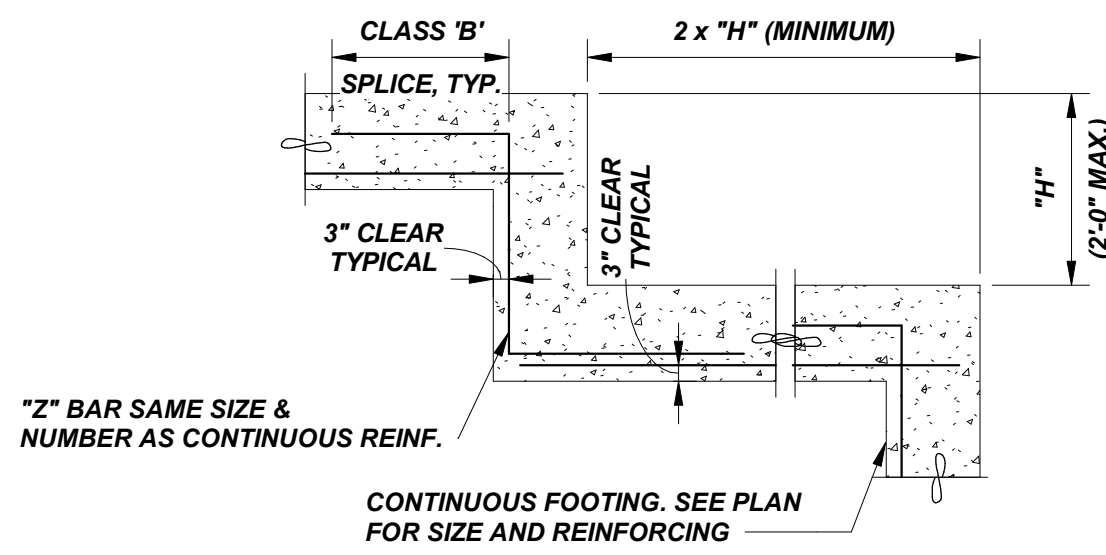
CONSTRUCTION DOCUMENTS FOR CLINTON HS SOFTBALL CONCESSION BLDG CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN

Table with columns: NO., ISSUED BY, DATE. Contains a grid for tracking issued drawings.

Project information including SHEET DESCRIPTION (LEGENDS & ABBREVIATIONS), PROJECT DATE (2024-03-01), PROJECT NUMBER (22021), and drawing title G002.

GENERAL NOTES :

- 1.01 ALL CONSTRUCTION SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE. REFERENCE TO OTHER STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED UNLESS SPECIFIED OTHERWISE.
- 1.02 DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.
- 1.03 VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS BEFORE STARTING WORK. NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCY. NOTIFY THE STRUCTURAL ENGINEER IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS.
- 1.04 THE STRUCTURE IS DESIGNED FOR A COMPETED CONDITION ONLY, AND THEREFORE REQUIRED TEMPORARY SUPPORT BRACING DURING CONSTRUCTION. THE STRUCTURE SHALL BE CONSIDERED STABLE WHEN: ALL THE FRAMING HAS BEEN ERRECTED AND CONNECTED AS SHOWN ON THE DESIGN AND SHOP FABRICATION DRAWINGS, SLAB, FLOOR, AND ROOF DIAPHRAGMS ARE COMPLETELY ATTACHED AND CURED AND THE FOOTINGS HAVE BEEN COMPLETELY BACKFILLED, THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 1.05 COORDINATE AND VERIFY ROOF OPENING SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DOCUMENTS. NOTIFY THE STRUCTURAL ENGINEER OF ANY CONFLICT AND/OR OMISSION. CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
- 1.06 FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
- 1.07 REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, ASSEMBLY REQUIREMENTS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR IS ALSO RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SAFETY OF CONSTRUCTION.
- 1.08 CONTRACTOR TO REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- 1.09 CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL MECHANICAL AND ELECTRICAL OPENINGS AND EQUIPMENT PADS WITH THE MECHANICAL AND ELECTRICAL EQUIPMENT DETAILS AND APPROVED SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR PROPER DISTRIBUTION FOR ALL UTILITY LINES THROUGHOUT THE BUILDING.
- 1.10 CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND FINAL REMOVAL/CLEARANCE OF ANY REQUIRED SHORING OR BRACING OF STRUCTURES.



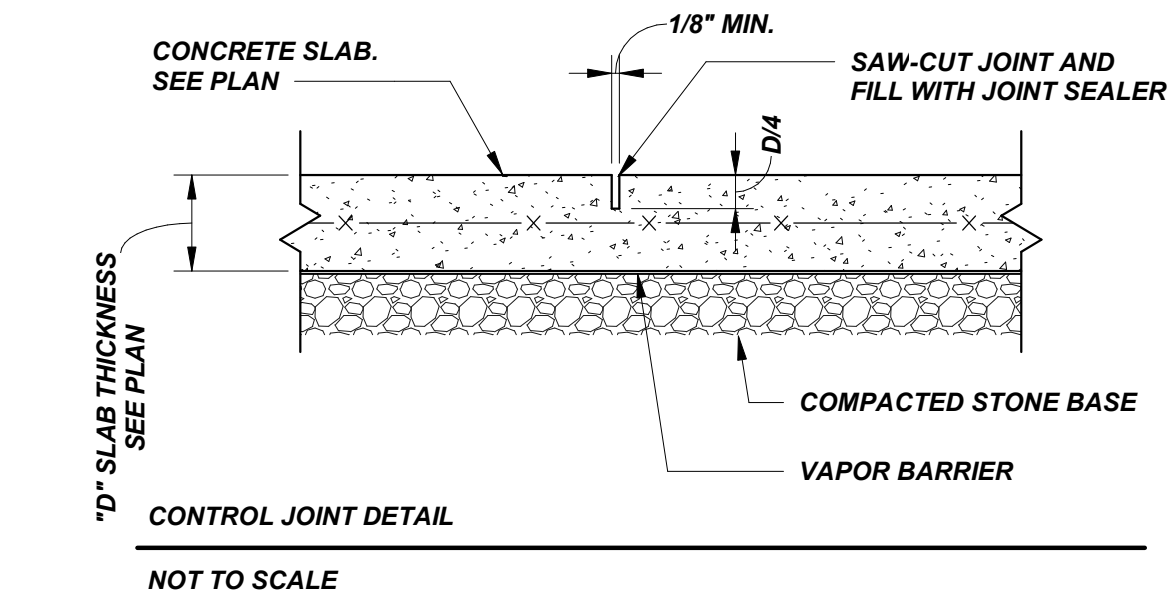
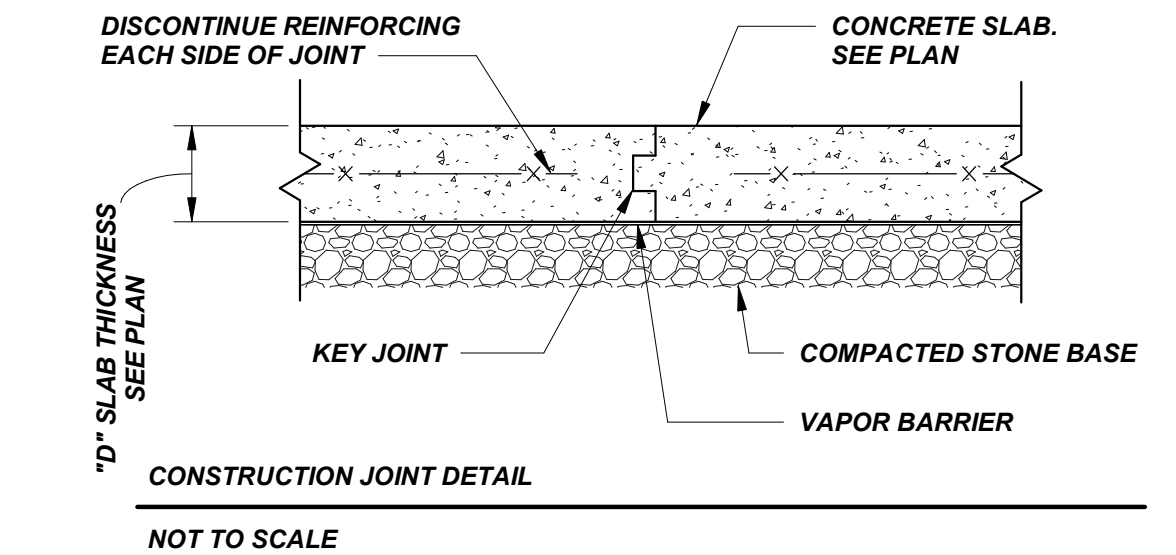
TYPICAL FOOTING STEP DETAIL
NOT TO SCALE

- 2.05 THE BOTTOM OF FOOTINGS SHALL BEAR BELOW THE FROST DEPTH AS SPECIFIED IN THE GEOTECHNICAL REPORT OR BY THE LOCAL MUNICIPALITY.
- 2.06 FOOTINGS MUST BE BACKFILLED BEFORE THE STRUCTURE IS CONSIDERED STABLE. CONCRETE SLAB SHALL REACH 28 DAY COMPRESSIVE STRENGTH BEFORE THE STRUCTURE IS CONSIDERED STABLE.
- 2.07 COORDINATE FOOTING STEPS WITH MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
- 2.08 SOIL SUPPORTED SLABS ON GRADE ARE DESIGNED TO BEAR ON A SUBGRADE WITH A MINIMUM MODULUS OF SUBGRADE REACTION OF 150 PCL WHERE POSSIBLE. SEE GEOTECHNICAL REPORT FOR AREAS WHERE MINIMUM MODULUS OF SUBGRADE REACTION WILL DIFFER.
- 2.09 WHERE FOUNDATION EXCAVATIONS MUST REMAIN OPEN AND ARE SUBJECT TO RAINFALL, THE EXCAVATIONS SHALL BE UNDERCUT AND A 3" THICK MUD MAT OF 2,000 PSI CONCRETE SHALL BE PLACED IN THE BOTTOM TO PROTECT THE BEARING SOILS.

REINFORCED CONCRETE NOTES :

- 3.01 ALL CONCRETE WORK SHALL CONFORM TO ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS. DESIGN IS BASED ON ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
- 3.02 UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL BE NORMAL WEIGHT AND HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS:

SPREAD FOOTINGS	3,000 PSI
INTERIOR SLAB ON GRADE	3,000 PSI U.N.O.
FOUNDATION WALLS	4,000 PSI
ALL OTHER	4,000 PSI
- 3.03 ALL EXTERIOR CONCRETE SHALL HAVE 5% - 7% ENTRAINED AIR, UNLESS NOTED OTHERWISE. THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY A TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S. CONCRETE PROPORTIONS SHALL BE ESTABLISHED ON THE BASIS OF FIELD EXPERIENCE AND/OR TRIAL MIXTURES WITH MATERIALS TO BE EMPLOYED IN ACCORDANCE WITH ACI 318 AND 301.
- 3.04 USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IN CONCRETE IS NOT PERMITTED.
- 3.05 DETAIL CONSTRUCTION AND CONTROL JOINTS AS SHOWN IN DETAILS BELOW :



- 3.06 DETAIL CONCRETE REINFORCEMENT AND ACCESSORIES IN ACCORDANCE WITH ACI 315 DETAILING MANUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL, SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES. DO NOT BEGIN FABRICATION UNTIL SHOP DRAWINGS ARE COMPLETED, REVIEWED AND APPROVED. WRITTEN DESCRIPTION OF REINFORCEMENT WITHOUT ADEQUATE SECTIONS, ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE.
- 3.07 REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 DEFORMED BARS UNLESS NOTED OTHERWISE.
- 3.08 TIE ALL REINFORCING STEEL AND EMBEDMENT SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF REINFORCEMENT WITH SPECIFIED TOLERANCE DURING ALL CONSTRUCTION ACTIVITIES. "STICKING" DOWELS INTO WET CONCRETE IS NOT PERMITTED.
- 3.09 PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. SPLICE ONLY AS SHOWN OR APPROVED. STAGGER SPLICE WHERE POSSIBLE. USE FULL TENSION SPLICE (CLASS "B") UNLESS NOTED OTHERWISE. DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH FULL TENSION SPLICES (CLASS "B") UNLESS NOTED OTHERWISE. TERMINATE BARS WITH STANDARD HOOKS.
- 3.10 REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER UNLESS NOTED OTHERWISE.

CONCRETE AGAINST EARTH (NOT FORMED)	3"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER	
#6 THROUGH #18 BARS	2"
#5 BARS AND SMALLER	1 1/2"
COVER FOR TOP BARS IN CONCRETE FOOTINGS SHALL BE 2"	
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
SLABS AND WALLS	1"

- 3.11 DO NOT WELD OR TACK WELD REINFORCING STEEL UNLESS APPROVED OR DIRECTED BY THE STRUCTURAL ENGINEER.
- 3.12 THE DESIGN AND CONSTRUCTION OF FORMS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - A. FORMS SHALL CONFORM TO SHAPE, FORM, AND LINES ON DRAWINGS.
 - B. ADEQUATE BRACING SHALL BE USED.
 - C. FORMS SUPPORTED ON GROUND SHALL HAVE ADEQUATE MUD SILLS.
 - D. QUALIFIED WORKMEN SHALL CONSTANTLY OBSERVE AND ADJUST, AS REQUIRED, ALL SHORES DURING CONCRETE PLACING.
 - E. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS.
- SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED 75% OF ITS 28 DAY STRENGTH.
- 3.13 ALL REINFORCING STEEL PLACEMENT SHALL BE REVIEWED BY THE GENERAL CONTRACTOR FOR COMPLIANCE WITH APPROVED SHOP DRAWINGS AND THE REQUIREMENTS OF THE SPECIFICATIONS.
- 3.14 THE FOLLOWING REINFORCING IS TO BE PROVIDED UNLESS NOTED OR DETAILED OTHERWISE.
 - A. PROVIDE CORNER BARS WITH CLASS 'B' SPLICE IN CORNERS OF ALL FOOTINGS, AND REINFORCED WALLS. PROVIDE SAME BAR SIZE, NUMBER OF BARS, AND SPACING AS CONTINUOUS HORIZONTAL REINFORCEMENT.
 - B. PROVIDE "2" BARS IN ALL FOOTING STEPS FOR EACH CONTINUOUS BAR.
- 3.15 FOR MISC. CONCRETE PADS OR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL DRAWINGS, AND VENDOR DRAWINGS.
- 3.16 SEE ARCHITECTURAL DRAWINGS FOR CONCRETE FILL AND REINFORCING REQUIRED FOR CONCRETE ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- 3.17 DO NOT PLACE PIPES OR CONDUIT IN THE PLANE OF SLABS ON GRADE. DO NOT PLACE PIPES OR DUCTS WITH DIAMETER EXCEEDING ONE HALF OF THE PENETRATED WALL THICKNESS THROUGH THE WALL UNLESS SPECIFICALLY SHOWN OR DETAILED ON THE STRUCTURAL DRAWINGS.
- 3.18 SEE CIVIL DRAWINGS FOR EXTERIOR SIDEWALKS OR CONCRETE PAVING.
- 3.19 PROVIDE BONDING AGENT ON CONCRETE SURFACES THAT WILL BE JOINED WITH FRESH CONCRETE.
- 3.20 WELDED WIRE FABRIC (WWF) SHALL LAP TWO FULL MESHES AND BE SECURELY WIRED AT EACH SIDE AND END. WWF SHALL CONFORM TO ASTM A185 AND HAVE A MINIMUM ULTIMATE STRENGTH OF 75,000 PSI.
- 3.21 EMBEDDED STRUCTURAL STEEL SHALL BE ASTM A36. ANCHOR BOLTS SHALL BE A36 THREADED RODS WITH CUT THREADS AND NUTS CONFORMING TO ASTM A563. GALVANIZE ALL ANCHOR BOLTS AND NUTS EXPOSED TO WEATHER AND WHERE INDICATED.
- 3.22 SEE SCHEDULE BELOW FOR REINFORCING EMBEDMENT/SPLICE LENGTHS :

SIZE	MINIMUM SPLICE LENGTH (inches)
3	19
4	25
5	31
6	37

WOOD NOTES :

- 4.01 ALL LUMBER TO BE #2 SOUTHERN PINE, OR BETTER KILN DRIED, UNLESS NOTED OTHERWISE. 2x4 NON-BEARING STUDS CAN BE SPF STUD GRADE. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY, OR EXPOSED TO WEATHER SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION LEVEL OR 0.25. PRESSURE TREATED LUMBER USED AS A BEARING PLATE SHALL BE KILN DRIED AFTER TREATMENT. OTHER LUMBER SHALL BE EQUAL TO OR GREATER THAN THE FOLLOWING:

MEMBER	SPECIES	GRADE	Fb	Fc
2x4	SYP	NO. 2	1,100 PSI	1,400,000 PSI
2x4	SPF	NO. 2	775 PSI	1,100,000 PSI
2x6	SYP	NO. 2	1,000 PSI	1,400,000 PSI
2x6	SPF	NO. 2	775 PSI	1,100,000 PSI
2x8	SYP	NO. 2	925 PSI	1,400,000 PSI
2x10	SYP	NO. 2	800 PSI	1,400,000 PSI
2x12	SYP	NO. 1	1,000 PSI	1,600,000 PSI
LVL	N/A	2.0E	2,900 PSI	2,000,000 PSI
LSL RIM BOARD	N/A	1.3E	1,700 PSI	1,300,000 PSI
PSL COLUMN	N/A	1.8E	2,400 PSI	1,800,000 PSI
- 4.02 CONTRACTOR SHALL USE 'SIMPSON STRONG TIE' (OR APPROVED EQUAL) WOOD FRAMING ANCHORS, CONNECTORS, HANGERS, ETC. FOR ALL WOOD TO WOOD CONNECTIONS. ALL ANCHORS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS IN ORDER TO ACHIEVE MAXIMUM CONNECTOR CAPACITY. ALL CONNECTORS SHALL BE GALVANIZED CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER, AND CONNECTORS SHALL HAVE A MINIMUM G185 COATING IN ACCORDANCE WITH ASTM A153.
- 4.03 ROOF SHEATHING TO BE 5/8" (OR 19/32") EXTERIOR GRADE PLYWOOD WITH AN APA SPAN RATING OF 32/16, U.N.O. ALL EDGES SHALL BE BLOCKED WITH LUMBER OR PROVIDE PLYWOOD CLIPS (1 CLIP PER SPAN). ROOF SHEATHING SHALL BE FASTENED TO JOISTS AND BLOCKING WITH 10d COMMON NAILS AT 6" O.C. EDGES AND 12" O.C. INTERMEDIATE, U.N.O. SHEATHING SHALL BE INSTALLED IN ACCORDANCE WITH LAYOUT CASE 1 OR 2018 IBC TABLE 2306.3.1.
- 4.04 CUTTING, NOTCHING, BORED HOLES IN STUD WALLS, RAFTER, ETC., SHALL BE DONE IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE SECTION 2308.
- 4.05 ALL WOOD CONNECTIONS NOT SHOWN SHALL BE DETAILED PER THE INTERNATIONAL BUILDING CODE "FASTENING SCHEDULE" TABLE 2304.10.1.
- 4.06 ALL STEEL HARDWARE INCLUDING PLATES, NAILS, NUTS AND BOLTS SHALL BE HOT DIPPED GALVANIZED.
- 4.07 ALL STEEL IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE SEPARATED WITH 15# FELT.

WOOD TRUSS NOTES :

- 5.01 WOOD TRUSSES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTES' TPI 1-2002 "NATIONAL DESIGN STANDARDS FOR METAL-PLATE-CONNECTED WOOD TRUSS CONSTRUCTION" AND THE 2018 INTERNATIONAL BUILDING CODE.
- 5.02 WOOD TRUSSES TO BE DESIGNED BY A REGISTERED ENGINEER.
- 5.03 ALL RECOMMENDATIONS FOR BRACING, QUALITY CONTROL, AND DESIGN OF TRUSSES SHALL BE PER THE TRUSS PLATE INSTITUTE SPECIFICATIONS.
- 5.04 PROVIDE SHOP DRAWINGS SHOWING STRESS DIAGRAMS STAMPED WITH SEAL OF DESIGNING ENGINEER. THE FOLLOWING ITEMS TO BE INCLUDED WITH SHOP DRAWINGS:
 - A. LAYOUT PLAN INDICATING LOCATIONS AND TRUSS TYPE.
 - B. TRUSS DETAILS AND TRUSS TO TRUSS CONNECTIONS.
 - C. BRACING REQUIREMENTS.
 - D. ANY OTHER INFORMATION REQUIRED TO COMPLETE TRUSS PORTION OF CONTRACT.
- 5.05 PROVIDE SPECIAL DESIGNED TRUSSES FOR CORNERS, GIRDERS, HEADERS, ETC.
- 5.06 ROOF TRUSSES TO BE DESIGNED FOR FOLLOWING LOADS (UNLESS NOTED OTHERWISE):

A. LIVE LOAD TOP CHORD	20 PSF
B. DEAD LOAD TOP CHORD	10 PSF
C. DEAD LOAD BOTTOM CHORD	10 PSF
D. WIND LOADS, SEISMIC LOADS, AND SNOW LOADS	PER DESIGN LOADS IN GENERAL NOTES
- 5.07 FLOOR TRUSSES TO BE DESIGNED FOR THE FOLLOWING LOADS (UNLESS NOTED OTHERWISE):

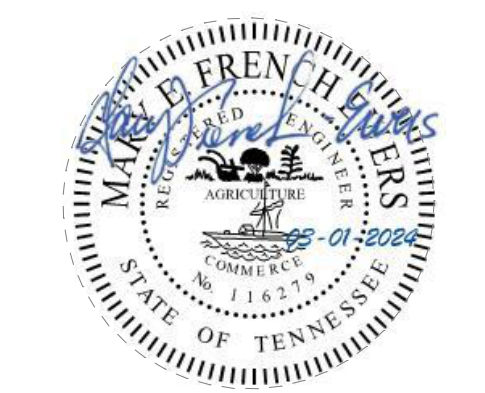
A. LIVE LOAD TOP CHORD	100 PSF
B. DEAD LOAD TOP CHORD	10 PSF
C. DEAD LOAD BOTTOM CHORD	10 PSF
- 5.08 ALL LUMBER TO BE A MINIMUM SIZE OF 2x4 #2 SOUTHERN PINE, KILN DRIED, FOR TOP AND BOTTOM CHORDS AND #3 SOUTHERN PINE, KILN DRIED, FOR WEBS.
- 5.09 ALTHOUGH WEB LAYOUT MAY BE SHOWN ON PLANS, IT IS THE RESPONSIBILITY OF TRUSS DESIGNER TO MODIFY AS REQUIRED FOR DESIGN PURPOSES.
- 5.10 TRUSSES TO BE CONNECTED TO NAILERS WITH SIMPSON STRONG TIE H2.5A, OR EQUIVALENT WITH A MINIMUM G185 GALVANIZED COATING AT EACH BEARING LOCATION, UNLESS NOTED OTHERWISE.
- 5.11 MAXIMUM SPACING OF ROOF TRUSSES TO BE 24" ON CENTER.
- 5.12 THE VERTICALS OF GABLE END TRUSSES SHALL BE AT 16" O.C. AND DESIGNED FOR OUT-OF-PLANE WIND LOADS PER DESIGN LOADS IN GENERAL NOTES.
- 5.13 CONTRACTOR AND SUPPLIER TO PROVIDE ALL LABOR AND MATERIALS TO COMPLETE TRUSS PORTIONS OF PROJECT.
- 5.14 ALL ROOF TRUSSES SHALL BE BRACED DURING AND AFTER ERECTION IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE STANDARDS BCSP - B1, B2, AND B3, 2012 EDITION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING TEMPORARY BRACING OF THE TRUSS SYSTEM DURING INSTALLATION. PERMANENT BRACING AS REQUIRED BY THE TRUSS DESIGN DRAWINGS SHALL BE PROVIDED AS PART OF THE TRUSS PORTIONS OF THE CONTRACT BY A DESIGN SERVICE SUCH AS ALPINE STRUCTURAL CONSULTANTS. THE PLANS FOR THE PERMANENT BRACING SYSTEM SHALL BEAR THE STAMPS OF A REGISTERED ENGINEER AND BE SUBMITTED AS PART OF THE TRUSS SHOP DRAWING SUBMITTAL FOR REVIEW BY THE STRUCTURAL ENGINEER. THE LOADS IMPARTED INTO THE STRUCTURE LATERAL BRACING SYSTEM BY THE TRUSS BRACING SYSTEM SHALL BE SHOWN ON THE SHOP DRAWING SUBMITTALS.
- 5.15 AS A MINIMUM, PERMANENT 2x4 DIAGONAL BRACING SHALL BE NAILED TO THE TOP SIDE OF THE ROOF TRUSS BOTTOM CHORDS AND BOTTOM SIDE OF THE TRUSS TOP CHORDS AT EACH END OF THE BUILDING AND AT 20 FOOT INTERVALS. ATTACH BRACING TO CHORDS USING (2) 16d x 3-1/2" COMMON NAILS.
- 5.16 WOOD TRUSSES SHALL NOT BE CUT, NOTCHED, OR BORED.

DESIGN LOADS : 2018 IBC	
DEAD LOADS:	
ROOF	20 PSF
LIVE LOADS:	
ROOF	20 PSF
FLOOR SLAB	SLAB-ON-GRADE 100 PSF
SECOND FLOOR	100 PSF
WIND LOADS:	
ULTIMATE DESIGN WIND SPEED	105 MPH
EXPOSURE CATEGORY	C
OCCUPANCY CATEGORY	II
IMPORTANCE FACTOR	1.0 (MAIN WIND FORCE RESISTING SYSTEM)
	1.15 (COMPONENTS AND CLADDING)
ENCLOSURE CLASSIFICATION	
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
COMPONENTS AND CLADDING	
WALL INTERIOR ZONE	
ROOF: ZONE 1 +16.0-28.0 PSF	<10 SF +23.6-25.6 PSF
ZONE 2 +16.0-37.4 PSF	50 SF +21.2-23.1 PSF
ZONE 3 +16.0-60.8 PSF	100 SF +20.1-22.1 PSF
>200 SF	+19.1-21.1 PSF
WALL END ZONE	
<10 SF	+23.6-31.5 PSF
20 SF	+22.6-29.4 PSF
>50 SF	+21.2-26.6 PSF
SEISMIC LOADS:	
RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR, I _s	1.0
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS	
S _s = 50.8%	S ₁ = 12.1%
SITE CLASS D (ASSUMED)	
DESIGN SPECTRA RESPONSE ACCELERATION PARAMETERS	S _{DS} = 0.472
	S _{DS} = 0.19
SEISMIC DESIGN CATEGORY	
BASIC SEISMIC FORCE RESISTING SYSTEM: LIGHT-FRAMED BEARING WALLS SHEATHED WITH WOOD STRUCTURAL PANELS	C
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
RESPONSE MODIFICATION COEFFICIENT, R =	6.5
SEISMIC RESPONSE COEFFICIENT, C _s =	0.0726
DESIGN BASE SHEAR, V =	2.61k
SNOW LOADS:	
GROUND SNOW LOAD, P _g	10 PSF
RAIN ON SNOW SURCHARGE	5 PSF (BALANCED LOAD)
ALLOWABLE SOIL BEARING PRESSURE	2,000 PSF (ASSUMED)

FOUNDATION NOTES :

- 2.01 OWNER OR CONTRACTOR'S GEOTECHNICAL ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL SUBGRADE, FILLS, AND BACKFILLS BEFORE PLACEMENT OF FOUNDATIONS, FOOTING, SLABS, WALLS, FILLS, BACKFILLS, ETC. ALL FOOTINGS SHALL REST EITHER ON UNDISTURBED SOIL OR NEWLY PLACED STRUCTURAL FILL. OWNER OR CONTRACTOR'S GEOTECHNICAL ENGINEER SHALL VERIFY ALLOWABLE SOIL BEARING CAPACITY PREPARATION REQUIREMENTS INCLUDING SUBGRADE IMPROVEMENT AND STRUCTURAL FILL PLACEMENT REQUIREMENTS. A MANUALLY OPERATED VIBRATOR SLED OR TAMPER SHOULD BE USED TO DENSIFY ANY SOILS IN THE BOTTOM OF THE FOOTING TRENCHES LOOSENED DURING THE EXCAVATION PROCESS.
- 2.02 SIDES OF THE FOUNDATIONS SHALL BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS POURED AGAINST THE EARTH REQUIRE THE FOLLOWING PRECAUTIONS : SLOPE SIDES OF EXCAVATIONS AS APPROVED BY THE GEOTECHNICAL ENGINEER AND CLEAN UP SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT.
- 2.03 CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY PROTECTING ALL EXCAVATION SLOPES.
- 2.04 WHERE FOOTING STEPS ARE NECESSARY THEY SHALL BE NO STEEPER THAN ONE VERTICAL TO TWO HORIZONTAL.

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SHEET DESCRIPTION
STRUCTURAL NOTES

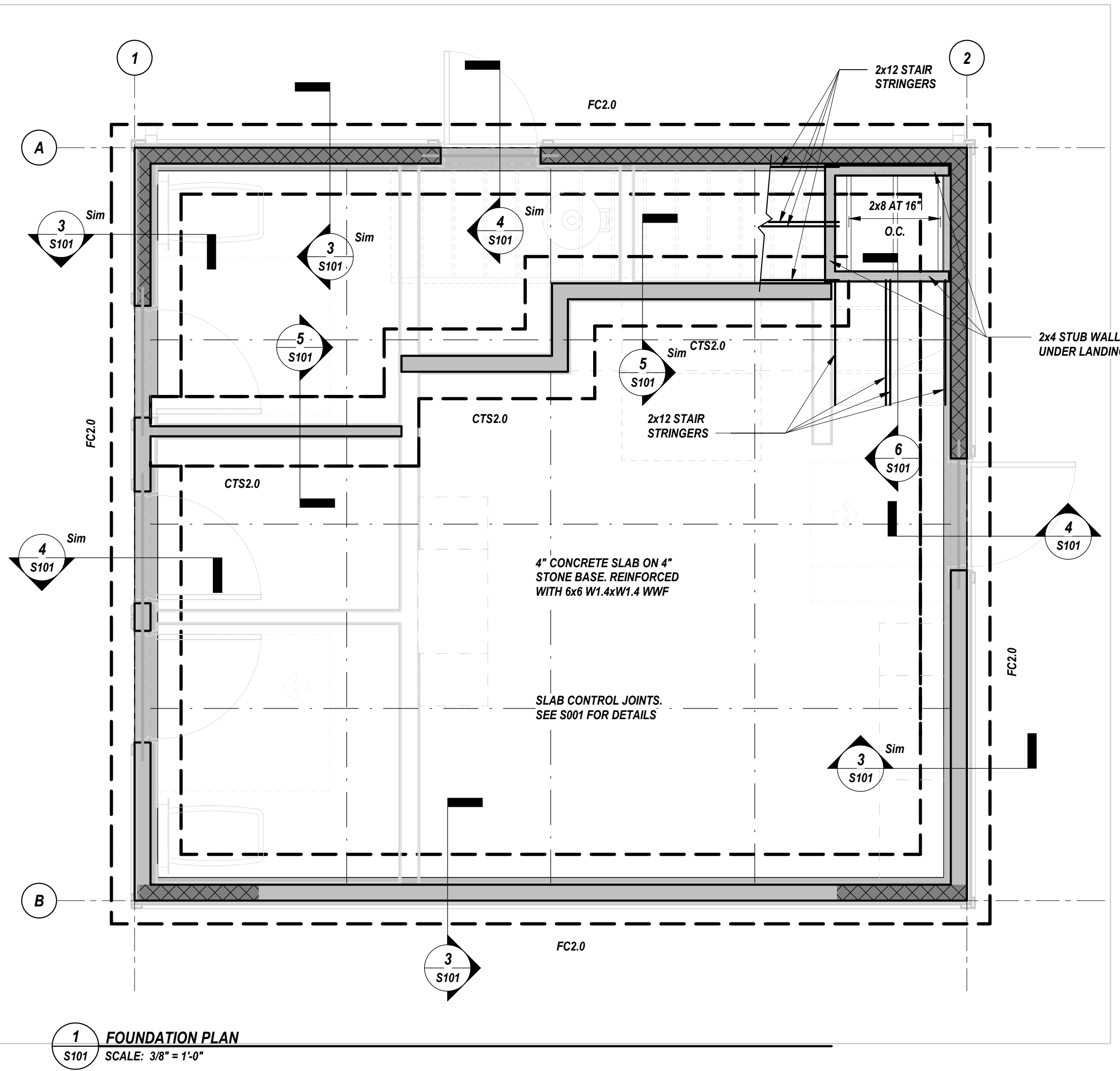
S001
PROJECT DATE PROJECT NUMBER
2024-03-01 22021

STRUCTURAL FOUNDATION NOTES	
1.	VERIFY ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS
2.	TOP OF FOOTING SHOULD BEAR A MINIMUM OF 16" BELOW FINISHED GRADE. STEP FOOTINGS AS NEEDED
3.	INDICATES SHEAR WALL. SEE HEADER PLANS FOR MORE INFORMATION

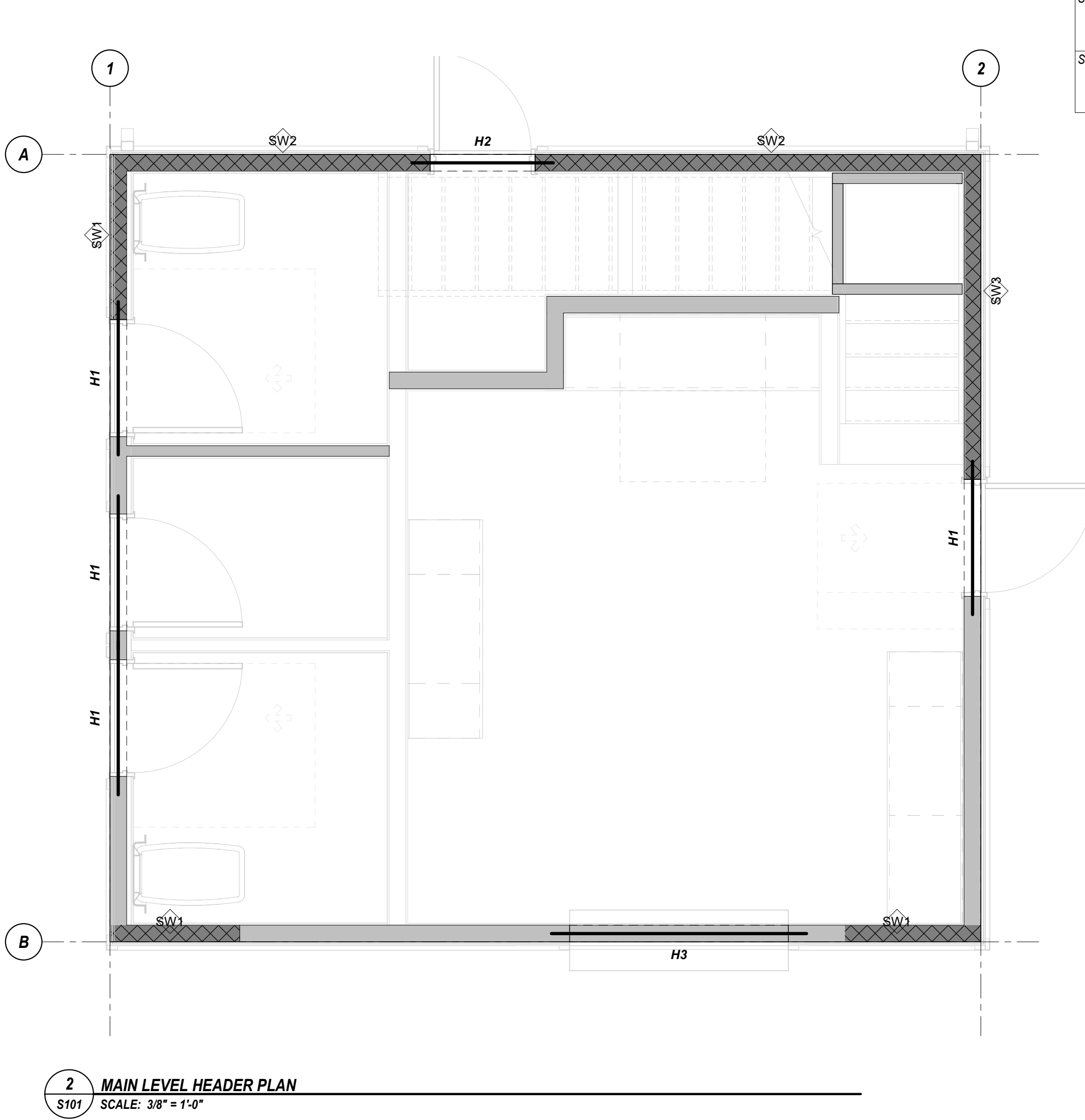
STRUCTURAL FOUNDATION SCHEDULE		
MARK	SIZE	REINFORCEMENT
CTS2.0	2'-0"x1'-0" x CONTINUOUS THICKENED SLAB FOOTING	(3) #5 CONTINUOUS AND #4 AT 18" O.C. TRANSVERSE
FC2.0	2'-0"x1'-0" x CONTINUOUS	(3) #5 CONTINUOUS AND #4 AT 18" O.C. TRANSVERSE

HEADER AND SUPPORT SCHEDULE (UNLESS NOTED OTHERWISE ON...)				
HEADER MARK	HEADER SIZE	JACK STUDS	KING STUDS	NOTES
H1	(2) 2x6	1	1	
H2	(2) 2x8	2	2	
H3	(2) 1 3/4" x 11 1/4" LVL	3	3	
H4	(2) 2x8	1	2	
H5	(2) 2x10	2	2	

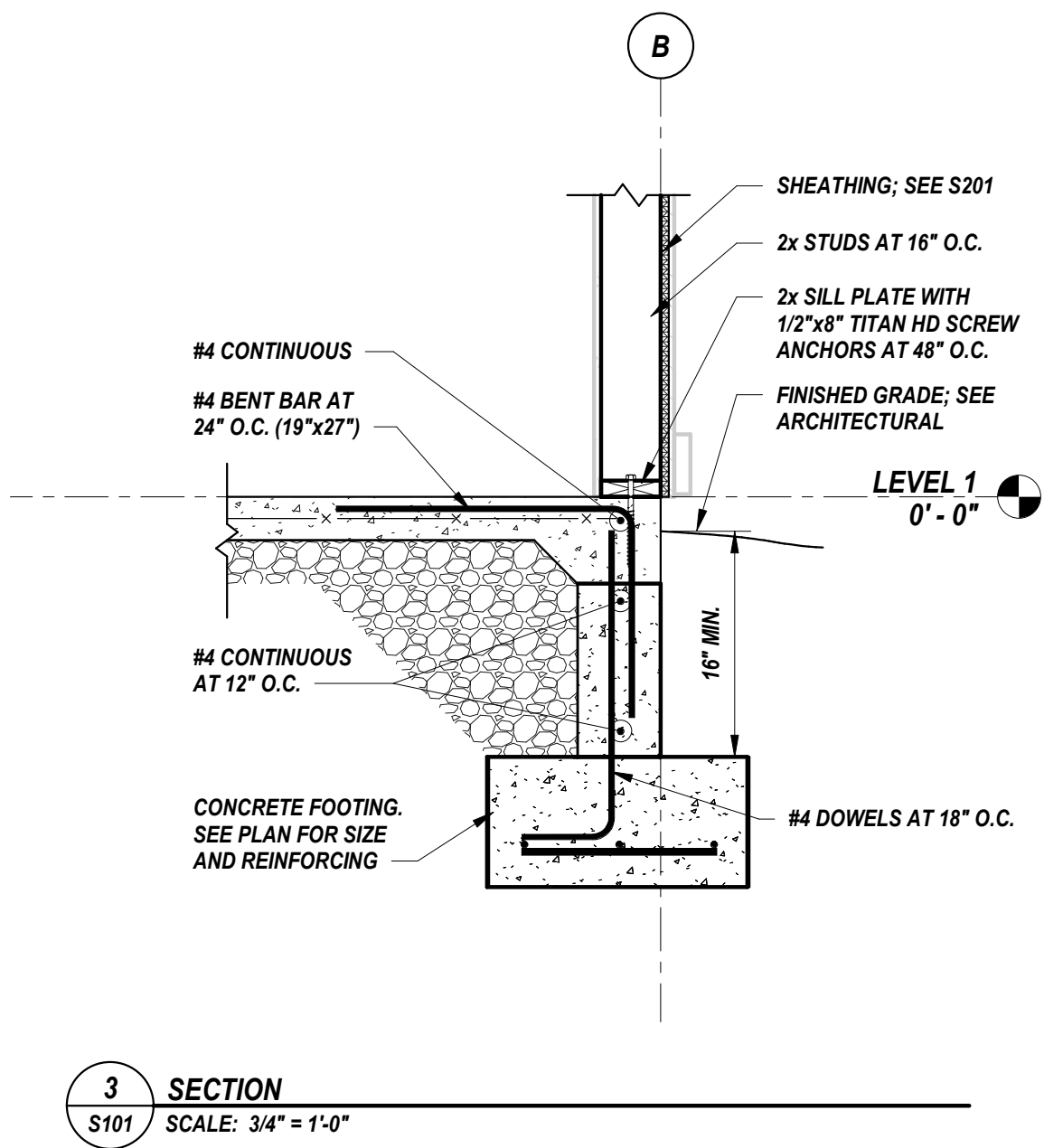
SHEAR WALL SCHEDULE			
WALL TYPE	PANEL ATTACHMENT	END STUDS	HOLD DOWNS OR FLOOR TO FLOOR ATTACHMENT
SW1	MIN. 1532 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 4" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	HDU8-SDS2.5 WITH 7/8" DIAMETER x 8" EMBEDMENT INTO THE FOOTING.
SW2	MIN. 1532 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	DTT22-SDS2.5 WITH 1/2" DIAMETER x 8" TITEN HD SCREW ANCHORS.
SW3	MIN. 1532 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	HDU4-SDS2.5 WITH 5/8" DIAMETER x 8" TITEN HD SCREW ANCHORS.
SW4	MIN. 1532 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	MSTC40 TO STRAP END STUDS ABOVE AND BELOW FLOOR
SW5	MIN. 1532 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	MSTC28 TO STRAP END STUDS ABOVE AND BELOW FLOOR



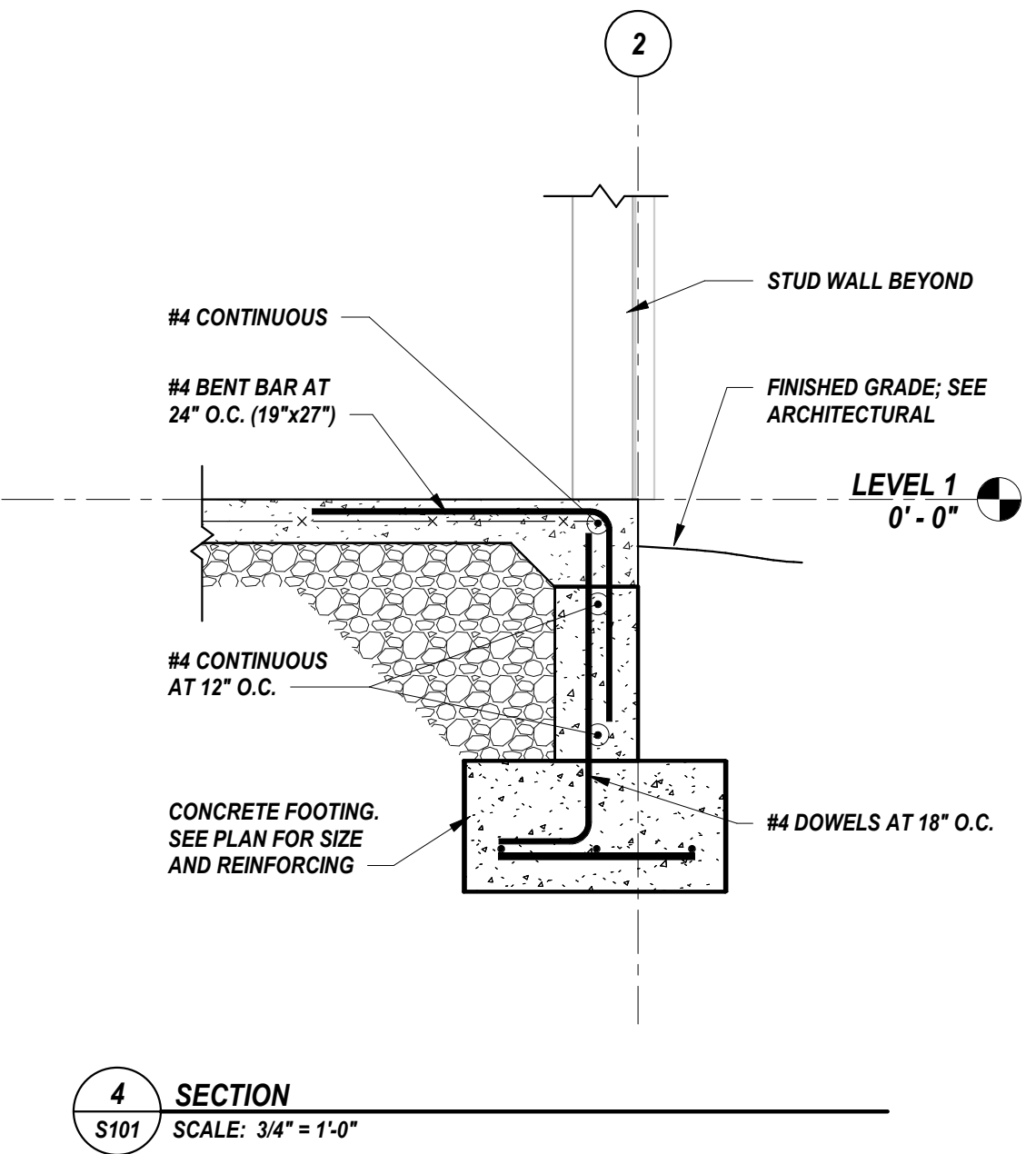
1 FOUNDATION PLAN
S101 SCALE: 3/8" = 1'-0"



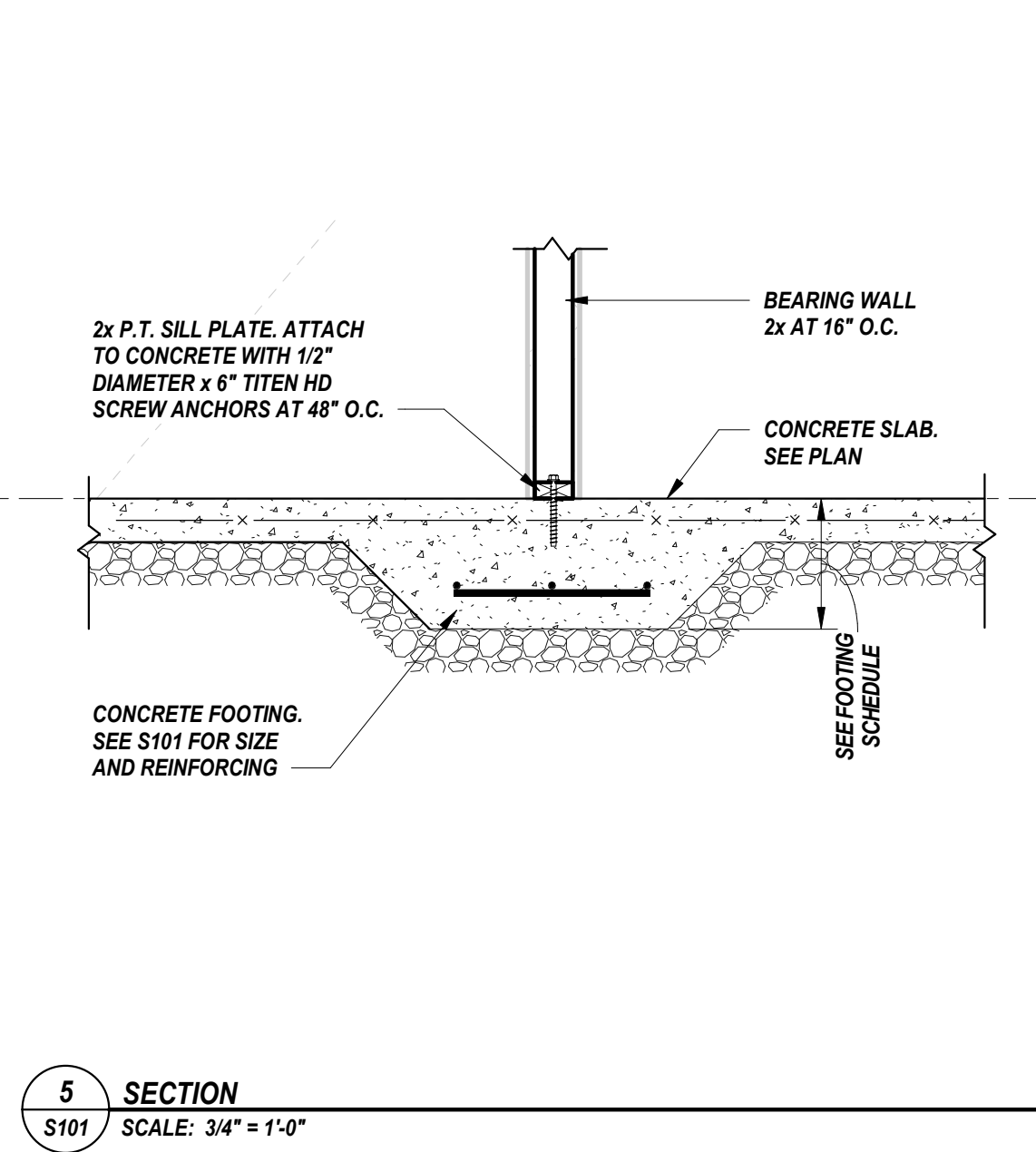
2 MAIN LEVEL HEADER PLAN
S101 SCALE: 3/8" = 1'-0"



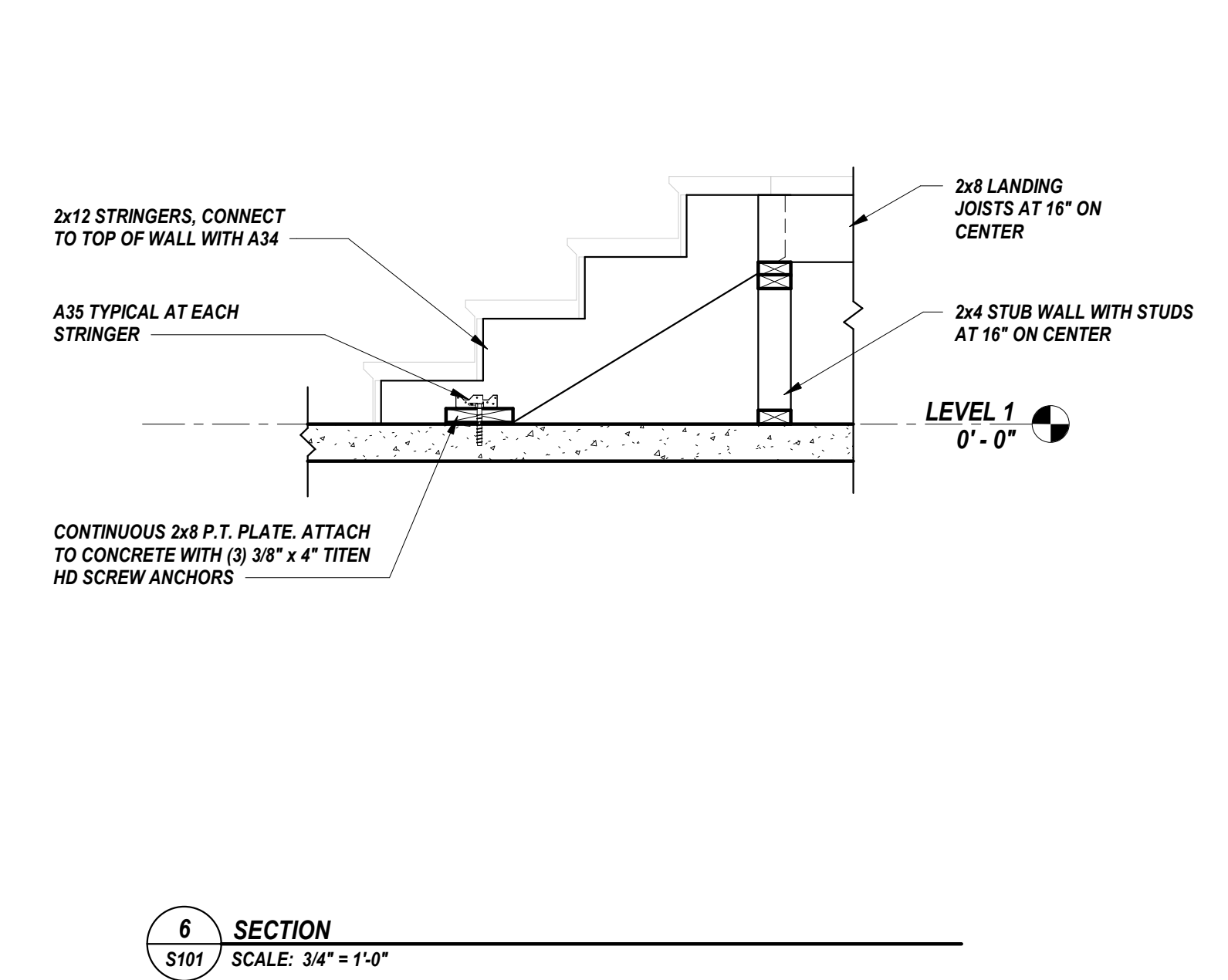
3 SECTION
S101 SCALE: 3/4" = 1'-0"



4 SECTION
S101 SCALE: 3/4" = 1'-0"



5 SECTION
S101 SCALE: 3/4" = 1'-0"



6 SECTION
S101 SCALE: 3/4" = 1'-0"

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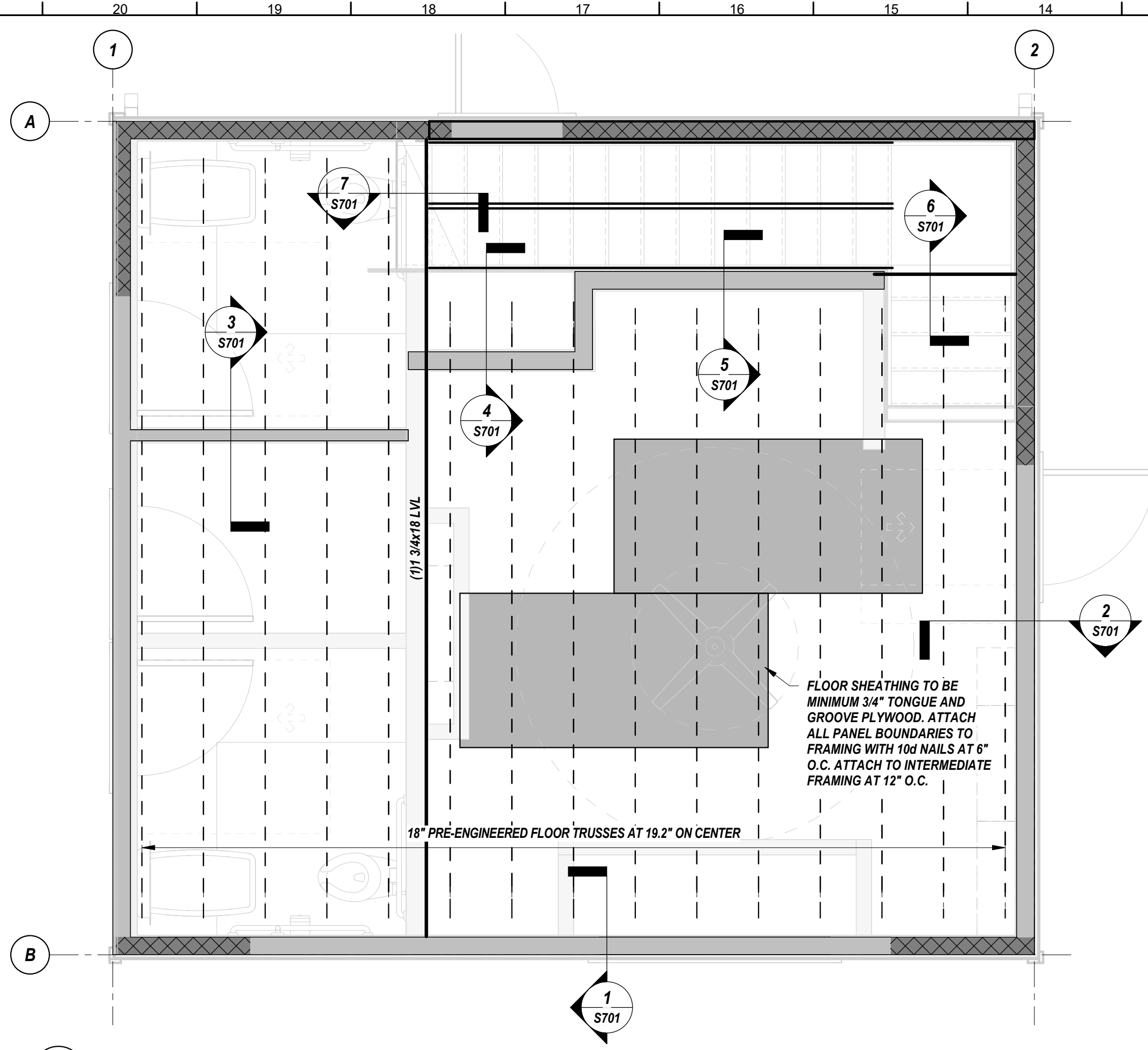


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SHEET DESCRIPTION
FOUNDATION PLAN

S101
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021



1 LEVEL 2 FRAMING PLAN
S201 SCALE: 3/8" = 1'-0"

STRUCTURAL FRAMING NOTES

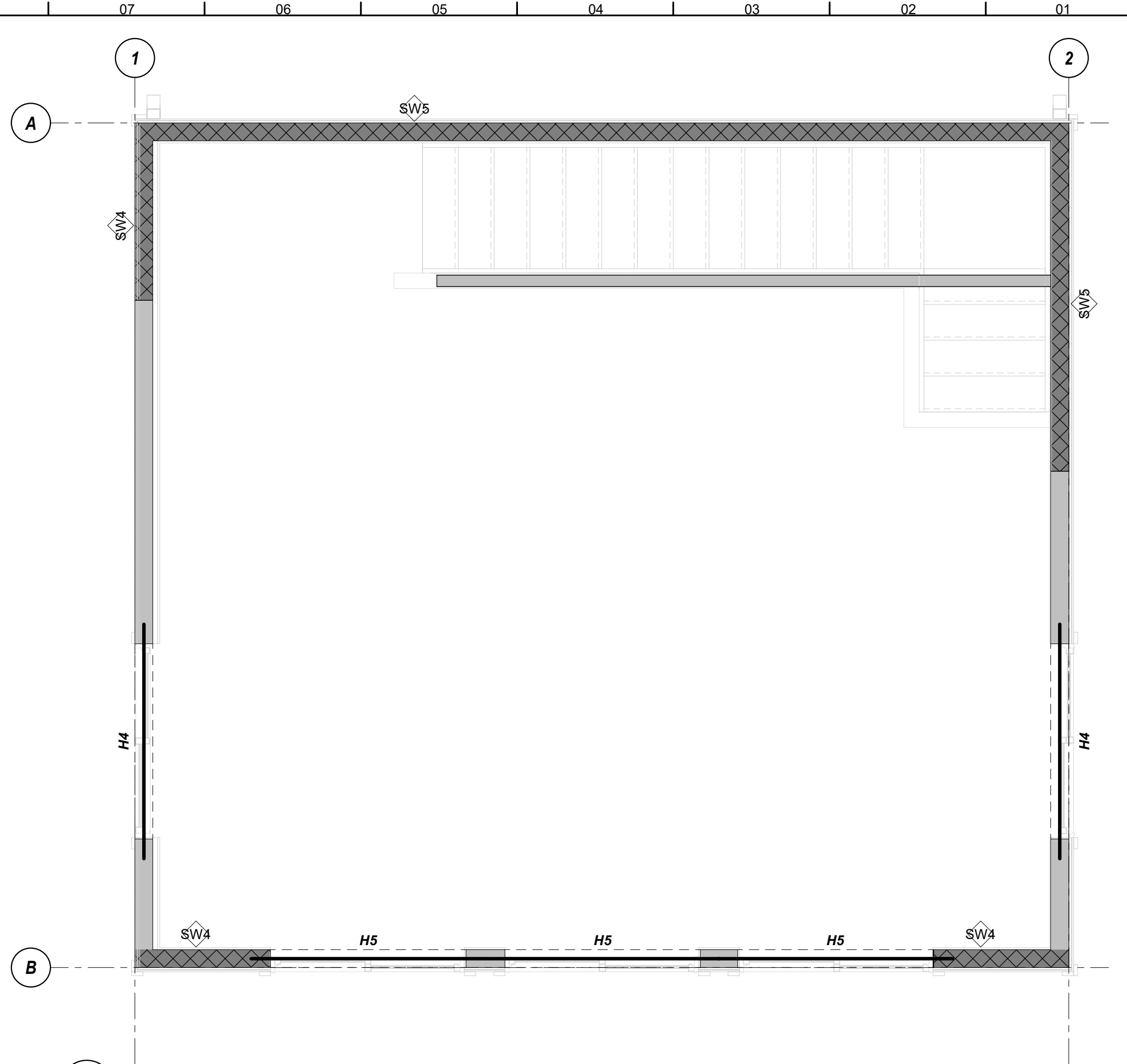
- INDICATES STRUCTURAL WALL - SEE ARCHITECTURAL FOR OTHER WALLS
- INDICATES SHEAR WALL - SEE HEADER PLAN AND SCHEDULE FOR MORE INFORMATION
- SEE DETAIL 4/S201 FOR TYPICAL SHEATHING AND WALL INFORMATION FOR WALLS NOT LABELED AS SHEAR WALLS
- VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS

HEADER AND SUPPORT SCHEDULE (UNLESS NOTED OTHERWISE ON...)

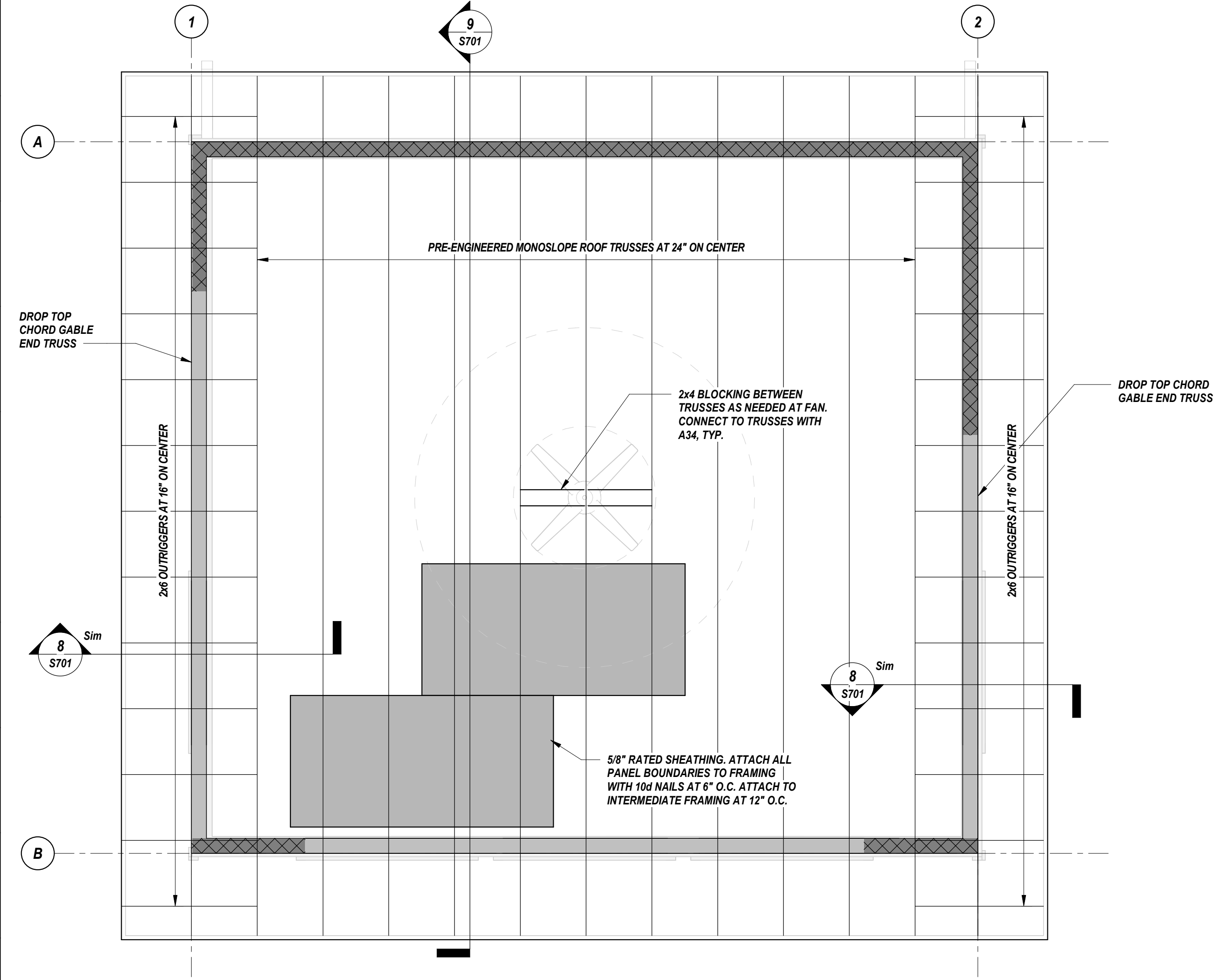
HEADER MARK	HEADER SIZE	JACK STUDS	KING STUDS	NOTES
H1	(2) 2x6	1	1	
H2	(2) 2x8	2	2	
H3	(2) 1 3/4" x 11 1/4" LVL	3	3	
H4	(2) 2x8	1	2	
H5	(2) 2x10	2	2	

SHEAR WALL SCHEDULE

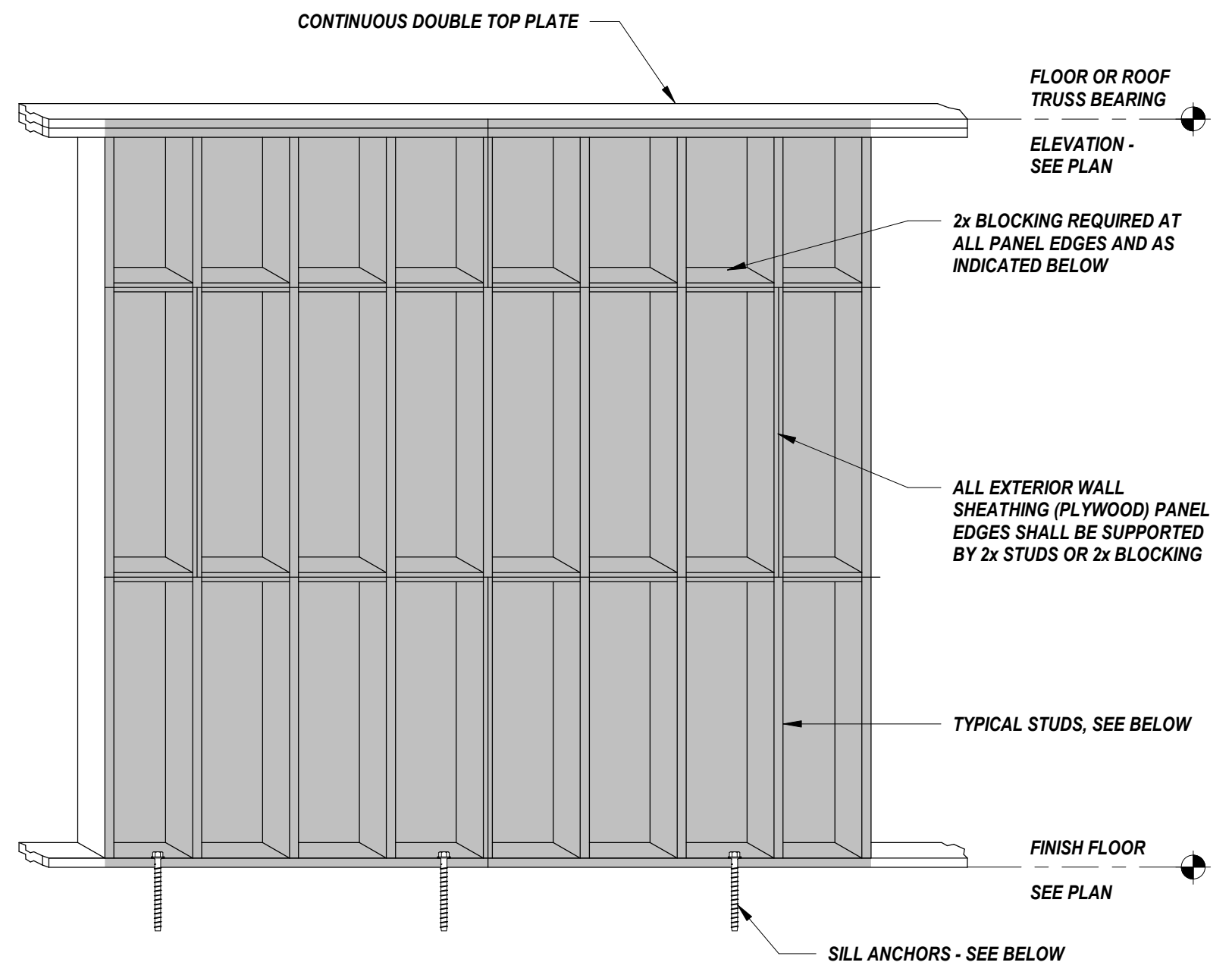
WALL TYPE	PANEL ATTACHMENT	END STUDS	HOLD DOWNS OR FLOOR TO FLOOR ATTACHMENT
SW1	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 4" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	HDU8-SDS2.5 WITH 7/8" DIAMETER x 8" EMBEDMENT INTO THE FOOTING.
SW2	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	DTT22-SDS2.5 WITH 1/2" DIAMETER x 8" TITEN HD SCREW ANCHORS.
SW3	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	HDU4-SDS2.5 WITH 5/8" DIAMETER x 8" TITEN HD SCREW ANCHORS.
SW4	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	MSTC40 TO STRAP END STUDS ABOVE AND BELOW FLOOR
SW5	MIN. 15/32 RATED SHEATHING. ATTACH ALL PANEL BOUNDARIES WITH 10d NAILS AT 6" ON CENTER. ADD BLOCKING BETWEEN STUDS AS NEEDED TO ATTACH ALL BOUNDARY EDGES. ATTACH TO INTERMEDIATE STUDS AT 12" ON CENTER.	(2) STUDS AT EACH END, FASTEN TOGETHER WITH (2) ROWS OF 10d NAILS AT 4" ON CENTER	MSTC28 TO STRAP END STUDS ABOVE AND BELOW FLOOR



2 LEVEL 2 HEADER PLAN
S201 SCALE: 3/8" = 1'-0"

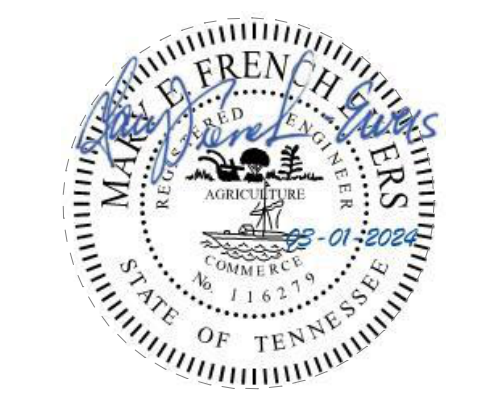


3 ROOF FRAMING PLAN
S201 SCALE: 3/8" = 1'-0"



4 WALL AXON
S201 SCALE: 1" = 1'-0"

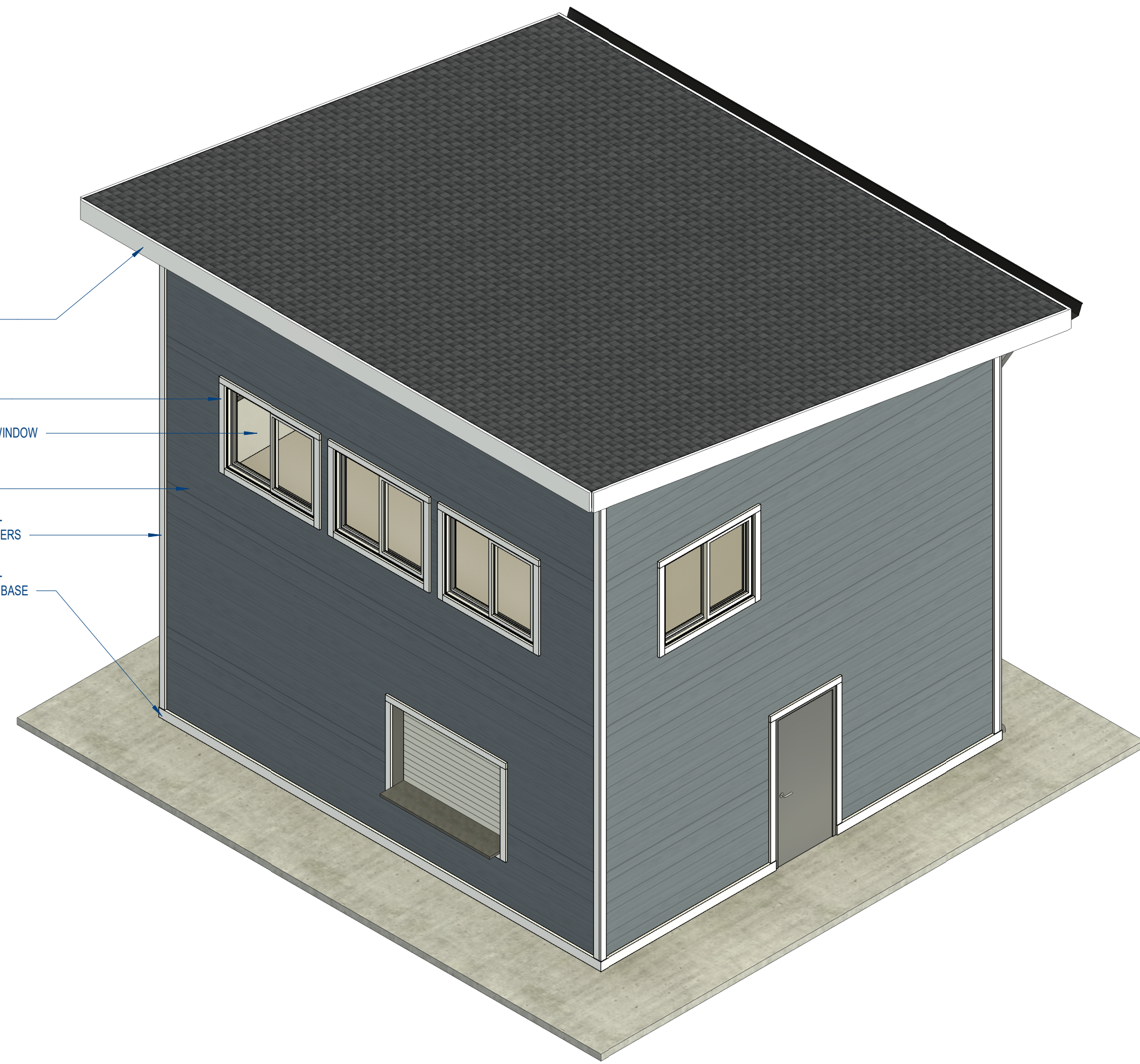
- NOTES:**
- EXTERIOR WALLS SHALL BE SHEATHED WITH 15/32" (MINIMUM) APA RATED SHEATHING WITH EXPOSURE 1 DURABILITY CLASSIFICATION. SHEATHING SHALL BE LAID EITHER HORIZONTALLY (AS SHOWN) OR VERTICALLY. ATTACH SHEATHING WITH 10d NAILS AT 6" O.C. ALONG PANEL EDGE FRAMING AND AT 12" O.C. ALONG INTERMEDIATE STUDS.
 - STUDS TO BE 2x SPACED AT 16" O.C.
 - IF USING SYP STUDS, THE MAXIMUM SPACING OF THE BLOCKING IS 4'-0" O.C.
 - IF USING SPF STUDS, THE BLOCKING IS REQUIRED AT 3 PLACES, BUT CANNOT EXCEED 3'-4" O.C., MAXIMUM.
 - ANCHORS TO BE 1/2" DIAMETER x 6" EMBEDMENT SPACED AT 48" O.C., MAX. ANCHORS ALSO LOCATED AT 4" MAX. FROM WALL CORNERS AND SILL PLATE TERMINATION, SUCH AS OPENINGS. IN LIEU OF HEADED STUD ANCHORS, 1/2" DIAMETER x 8" TITEN HD SCREW ANCHORS CAN BE USED.



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SHEET DESCRIPTION
MAIN LEVEL FRAMING
PLAN



HARDIE FASCIA TRIM BOARD: 5/4 SMOOTH - PRIMED FOR PAINT

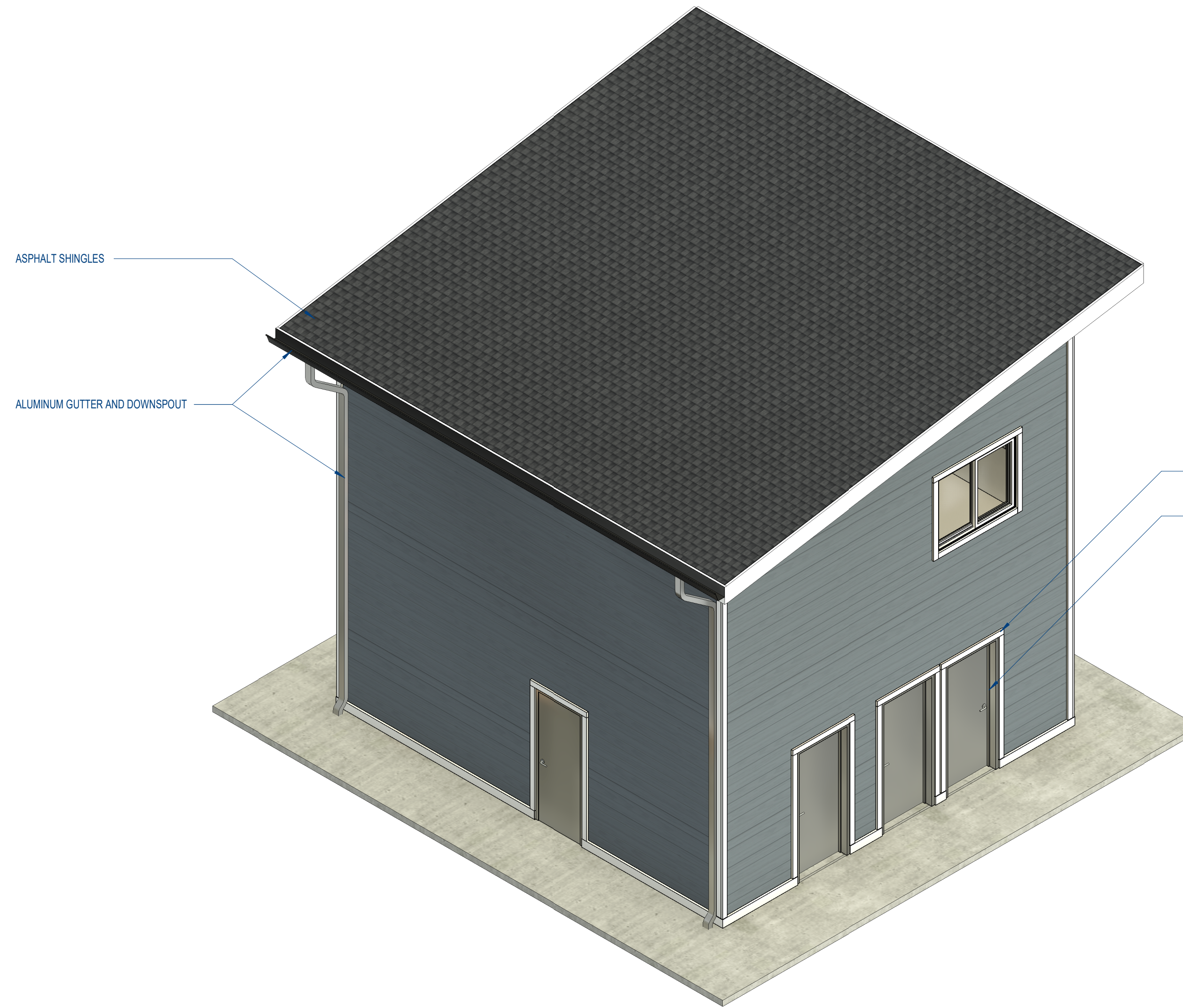
HARDIE TRIM BOARDS: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT WINDOW SURROUNDS

PELLA 250 SERIES VINYL SLIDING WINDOW

HARDIE LAP SIDING: SMOOTH - PRIMED FOR PAINT

HARDIE TRIM BOARD: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT CORNERS

HARDIE TRIM BOARD: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT WALL BASE



ASPHALT SHINGLES

ALUMINUM GUTTER AND DOWNSPOUT

HARDIE TRIM BOARD: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT DOOR SURROUNDS

HOLLOW METAL DOOR - SEE DOOR SCHEDULE FOR FINISHES

3/1/2024 2:14:52 PM

A21

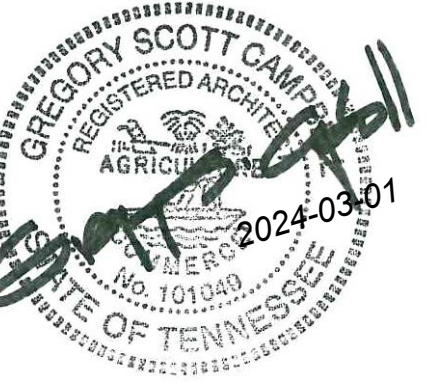
3D AXON VIEW 01
NOT TO SCALE

A11

3D AXON VIEW 02
NOT TO SCALE

NOTE: FINAL COLOR AND FINISH SELECTIONS TO BE SELECTED BY OWNER AND ARCHITECT FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS.

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CONSTRUCTION DOCUMENTS FOR
**CLINTON HS SOFTBALL
CONCESSION BLDG**

CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



NO.	ISSUED BY	DATE

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SHEET DESCRIPTION
3D VIEWS

AG001
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021

GENERAL NOTES

- REACH RANGE:
 A. INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS, & OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS / MAXIMUMS THAT MUST BE MAINTAINED THROUGHOUT.
 B. THE MINIMUM / MAXIMUM REQUIREMENTS INCLUDED ARE BASED UPON THE 2009 ICC / ANSI 117.1 AND ARE NOT INTENDED TO BE ALL-INCLUSIVE OR EXHAUSTIVE IN THEIR REPRESENTATION OF THE CODE REQUIREMENTS THEREIN.
 C. REFER TO ACCESSIBILITY CODES ADOPTED IN THE SPECIFIC JURISDICTION FOR ADDITIONAL REQUIREMENTS.
 D. REFER TO DISCIPLINE DRAWINGS FOR SPECIFIC REQUIREMENTS RELATED TO THIS PROJECT.
 E. LAVATORY & WATER CLOSET TO BE LEVER TYPE CONTROLS.
 F. GRAB BARS & WATER CLOSET SEATS SHALL WITHSTAND A LOAD OF NOT LESS THAN 250 LBS APPLIED AT ANY POINT.
 G. PROVIDE 1/2" INCH CLEARANCE BETWEEN GRAB BARS / RAILINGS & FACE OF WALL.
 H. HOT WATER & DRAIN PIPES UNDER LAVATORY SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST ACCIDENTAL CONTACT.
 I. SEE EQUIPMENT / ACCESSORY SCHEDULES & LEGENDS FOR OTHER NOTES, DIMENSIONS, & CLEARANCE REQUIREMENTS.

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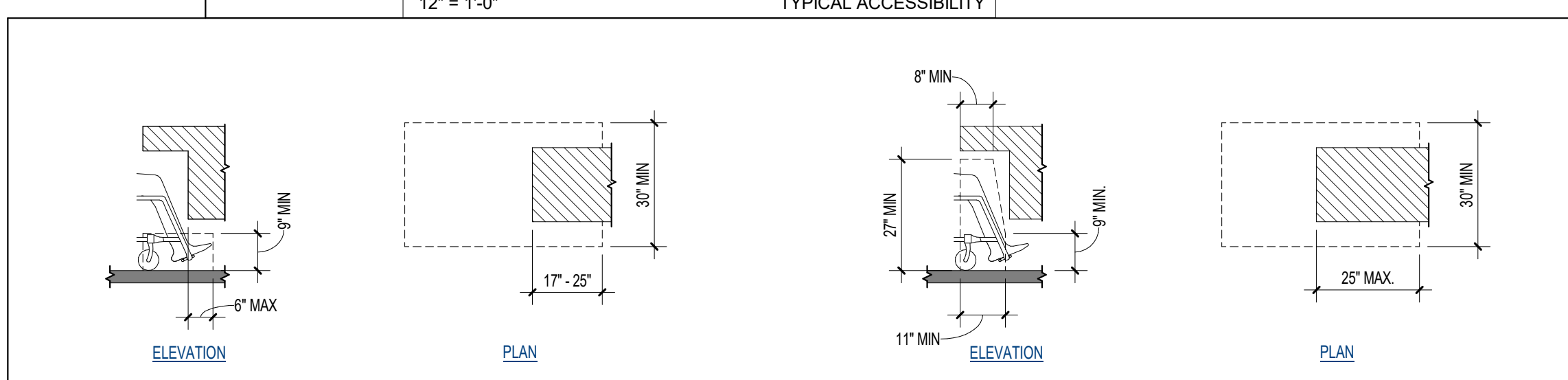
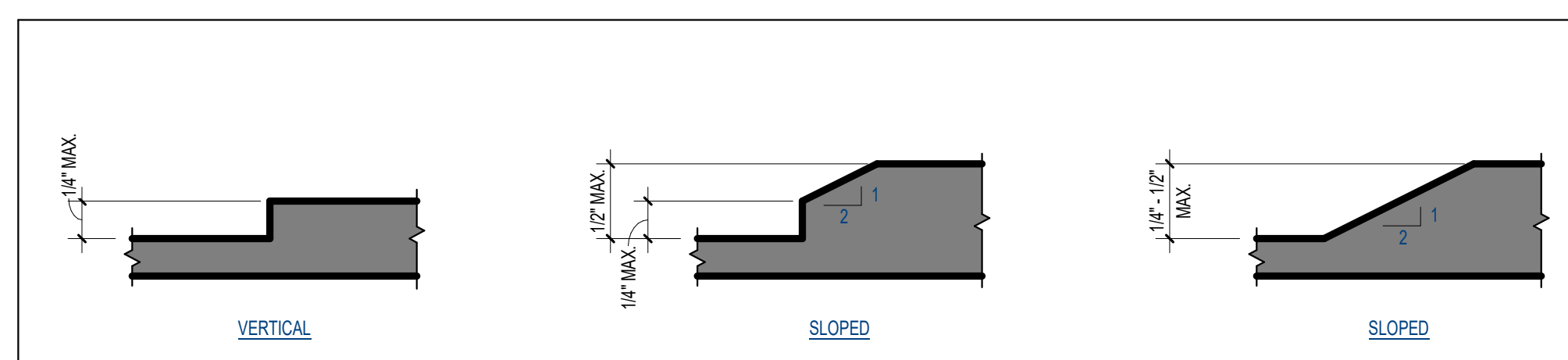
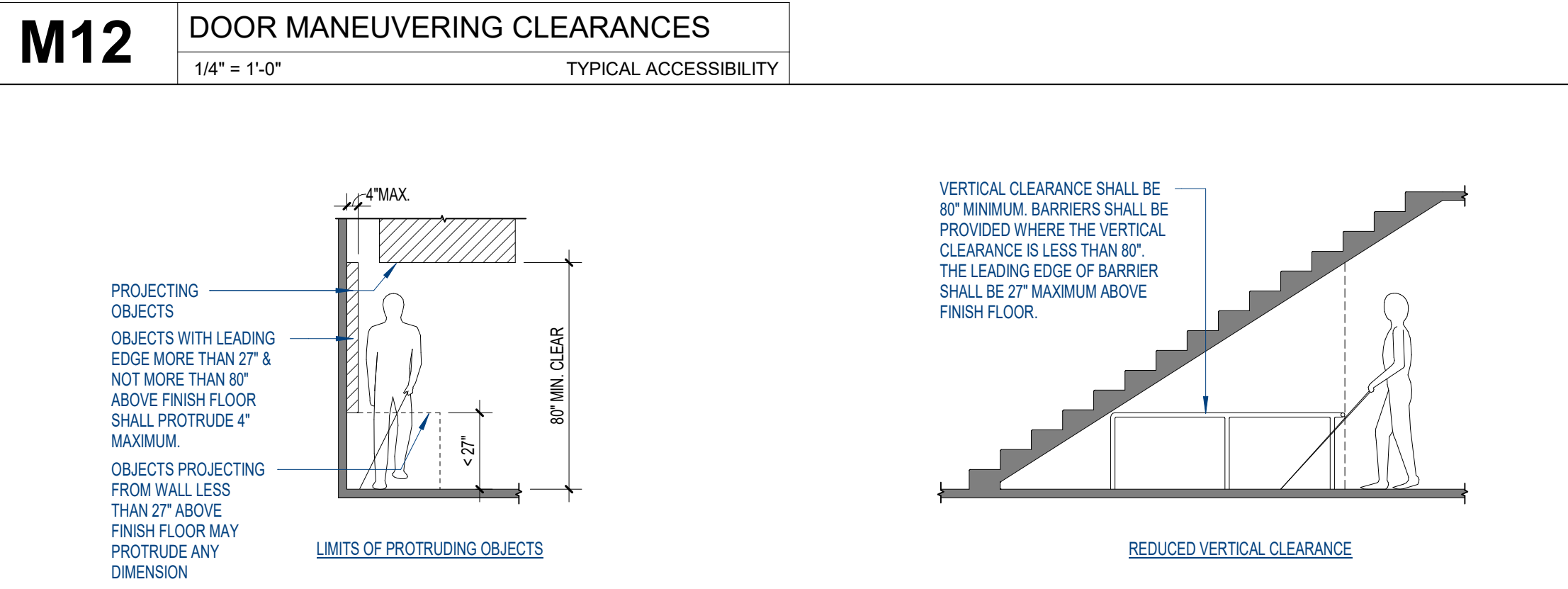
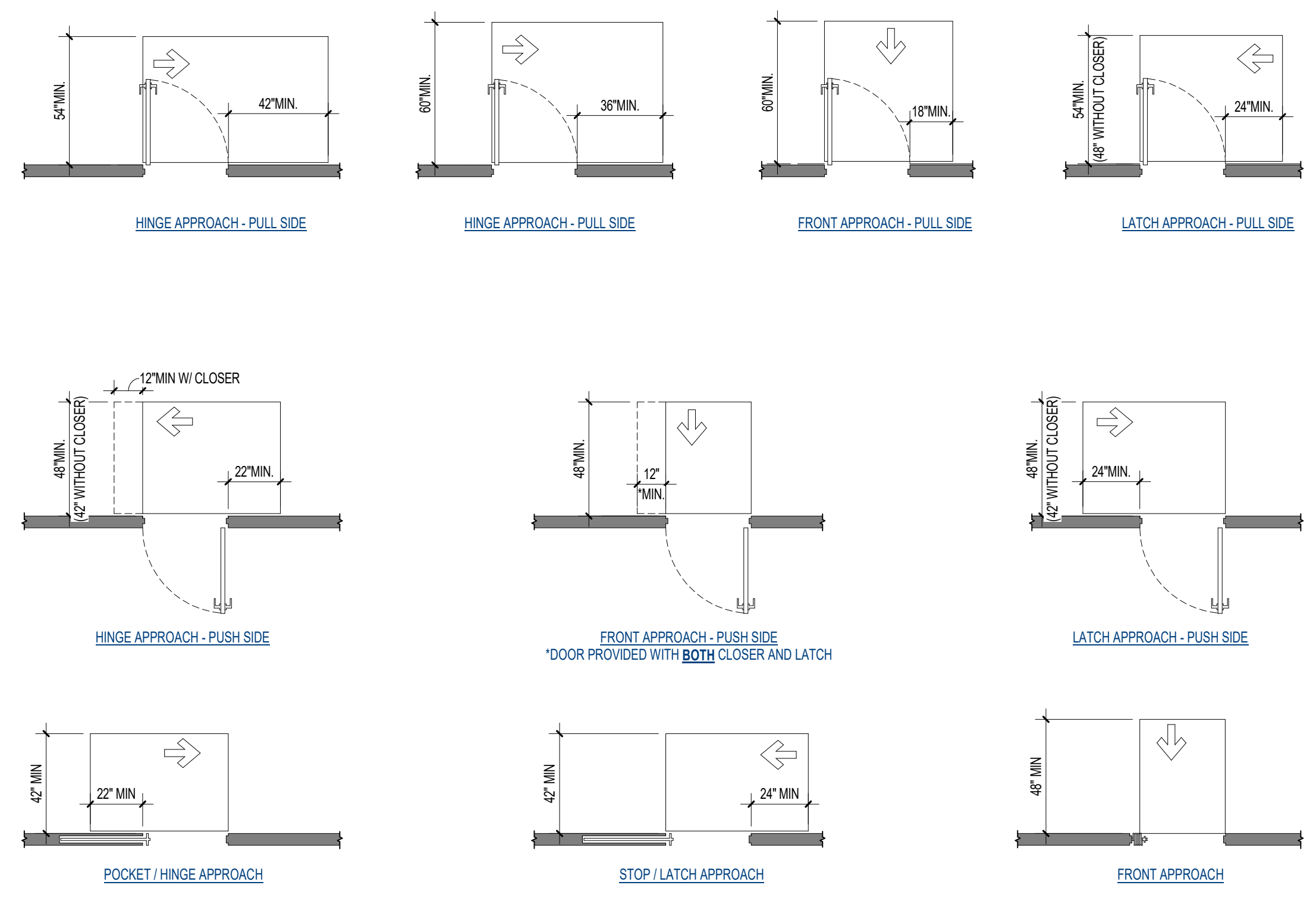


NO.	ISSUED BY	DATE

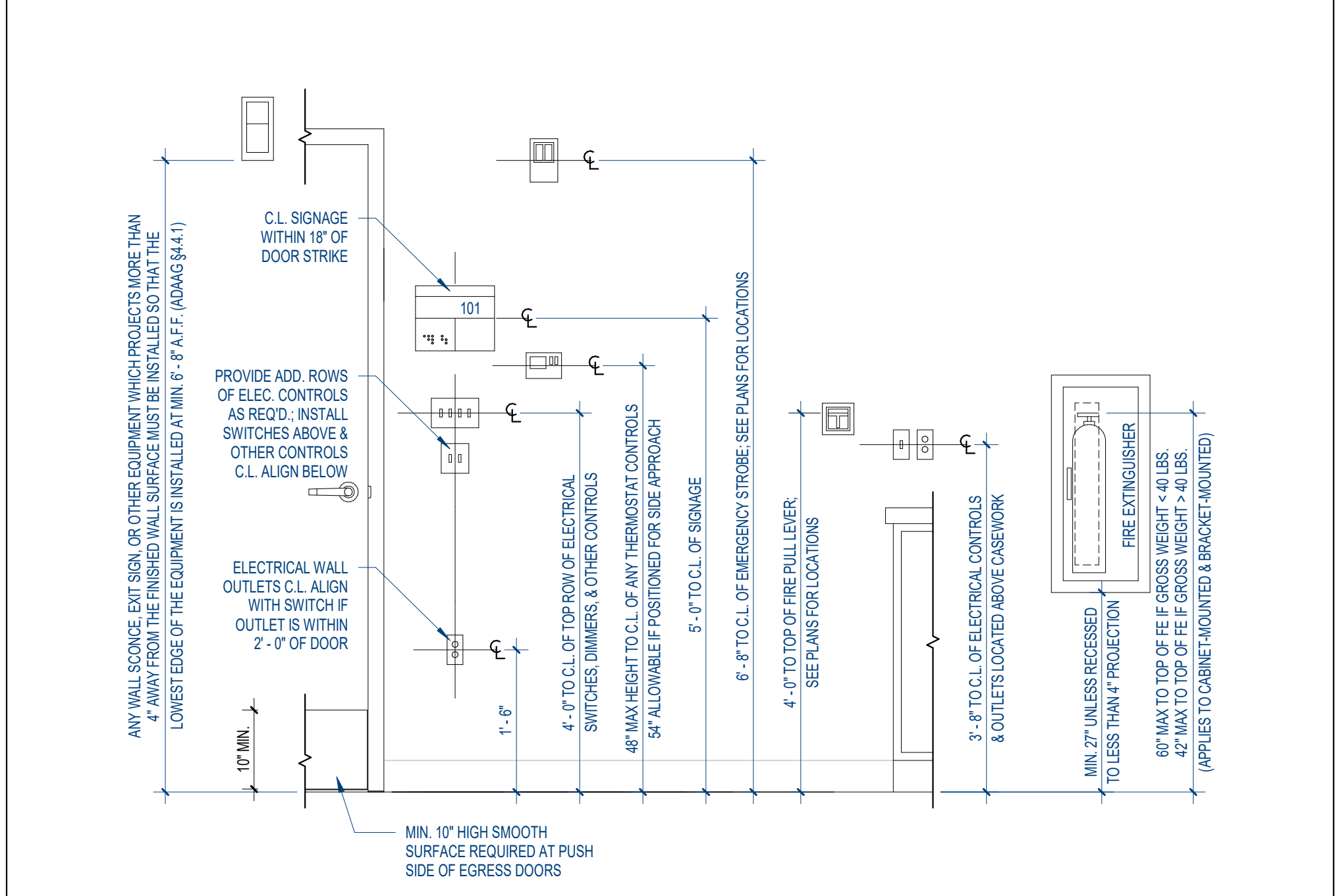
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SHEET DESCRIPTION
ACCESSIBILITY GUIDELINES & REQUIREMENTS

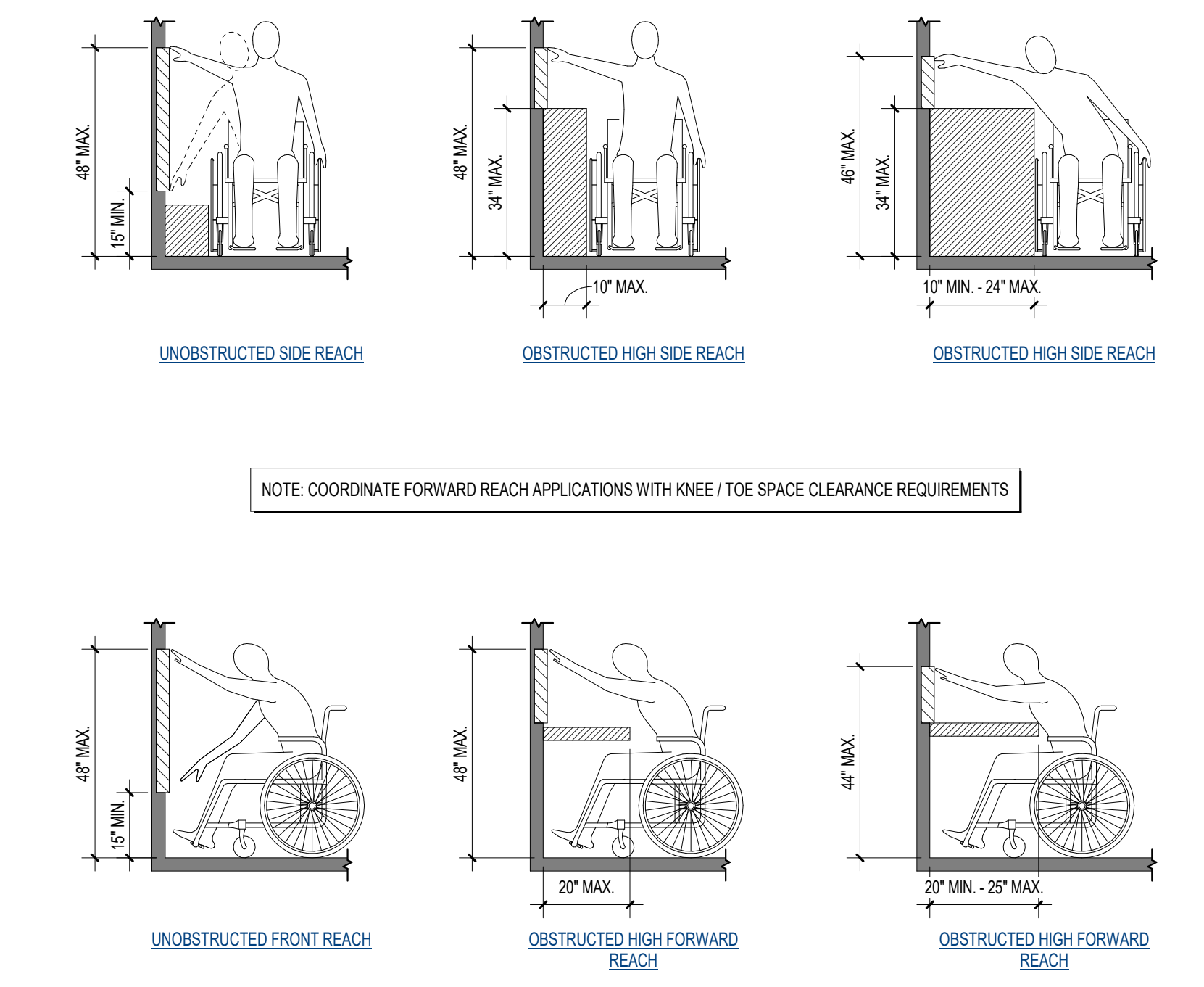
AG002
 PROJECT DATE: 2024-03-01
 PROJECT NUMBER: 22021



H20 TOE & KNEE CLEARANCE REQ'S.
 3/8" = 1'-0" TYPICAL ACCESSIBILITY



A17 INTERIOR MOUNTING HEIGHT REQ'S.
 3/4" = 1'-0" TYPICAL ACCESSIBILITY



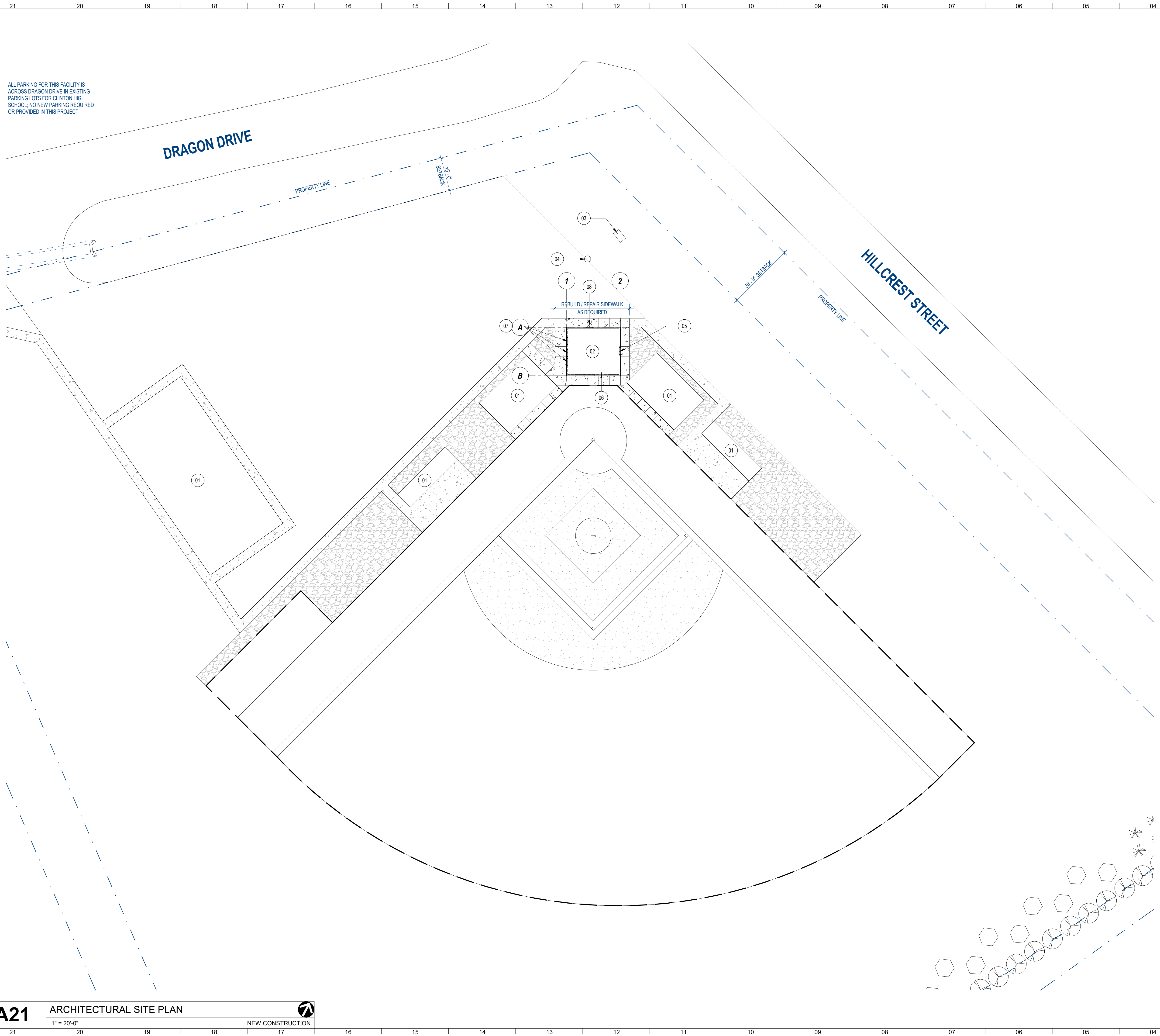
A10 ACCESSIBLE REACH RANGES
 3/8" = 1'-0" TYPICAL ACCESSIBILITY

21 20 19 18 17 16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01

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04 03 02 01

21 20 19 18 17 16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01



ALL PARKING FOR THIS FACILITY IS ACROSS DRAGON DRIVE IN EXISTING PARKING LOTS FOR CLINTON HIGH SCHOOL. NO NEW PARKING REQUIRED OR PROVIDED IN THIS PROJECT

GRAPHIC LEGEND

	NEW SIDEWALK; CONTROL JOINTS @ 5'-0" MAX OR AS SHOWN
	EXISTING SIDEWALK; NO WORK
	EXISTING CONSTRUCTION; NO WORK
	EXISTING BALLFIELD SURFACE; NO WORK
	EXISTING STONE SURFACE; NO WORK
	EXISTING FENCING SHOWN FOR REFERENCE; NO WORK

KEYED NOTES

- 01 EXISTING STRUCTURE OUTSIDE THE SCOPE OF THIS PROJECT, SHOWN FOR REFERENCE ONLY; NO WORK
- 02 NEW CONSTRUCTION
- 03 APPROXIMATE LOCATION OF EXISTING ELECTRICAL BOX
- 04 APPROXIMATE LOCATION OF EXISTING UTILITY POLE
- 05 ENTRANCE TO NEW BUILDING
- 06 CONCESSION WINDOW
- 07 RESTROOM ENTRANCE
- 08 ENTRANCE TO JANITOR'S CLOSET

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CONSTRUCTION DOCUMENTS FOR
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 CONCESSION BLDG**
 CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



NO.	ISSUED BY	DATE

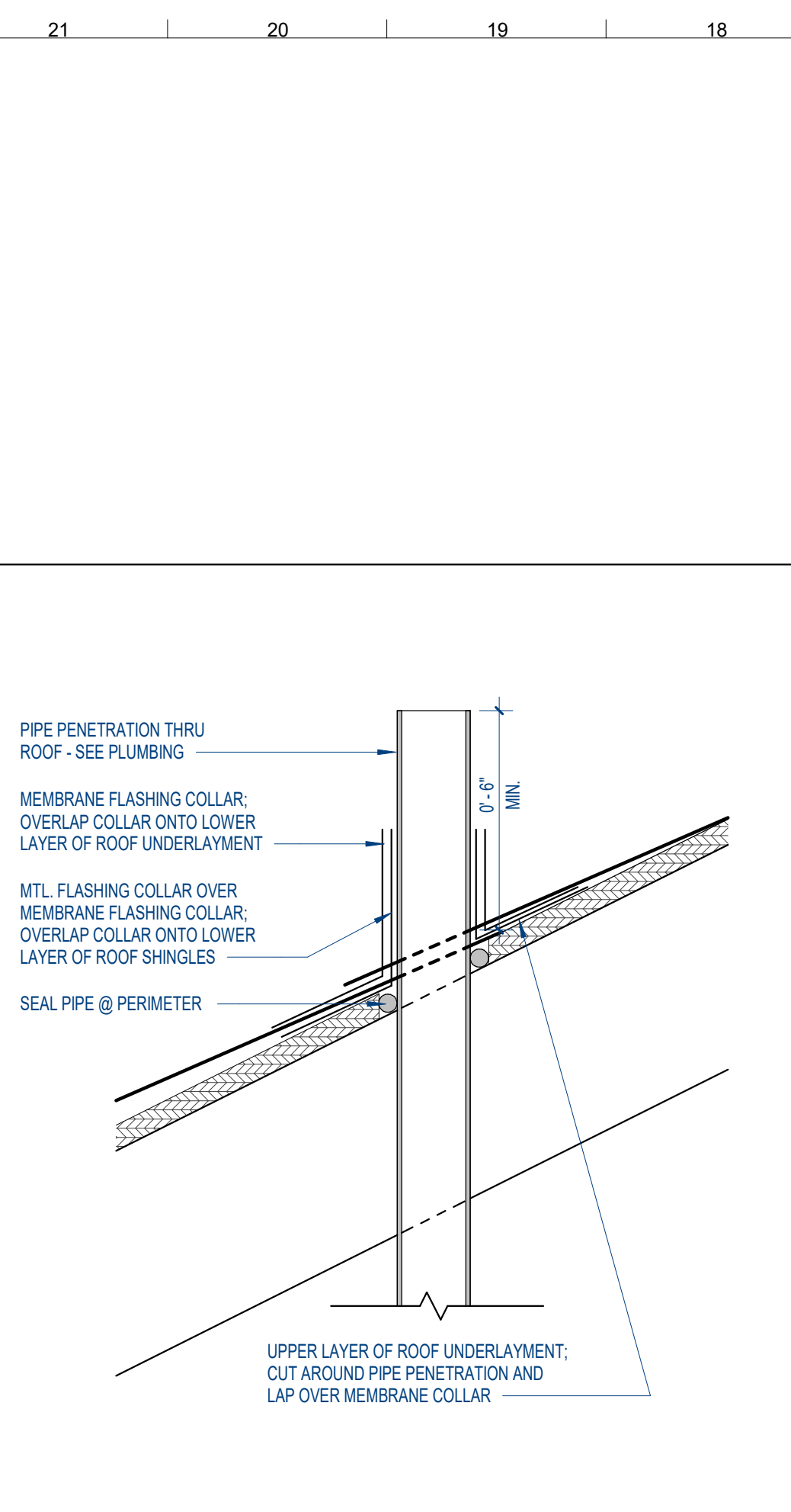
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SHEET DESCRIPTION
 ARCHITECTURAL SITE PLAN

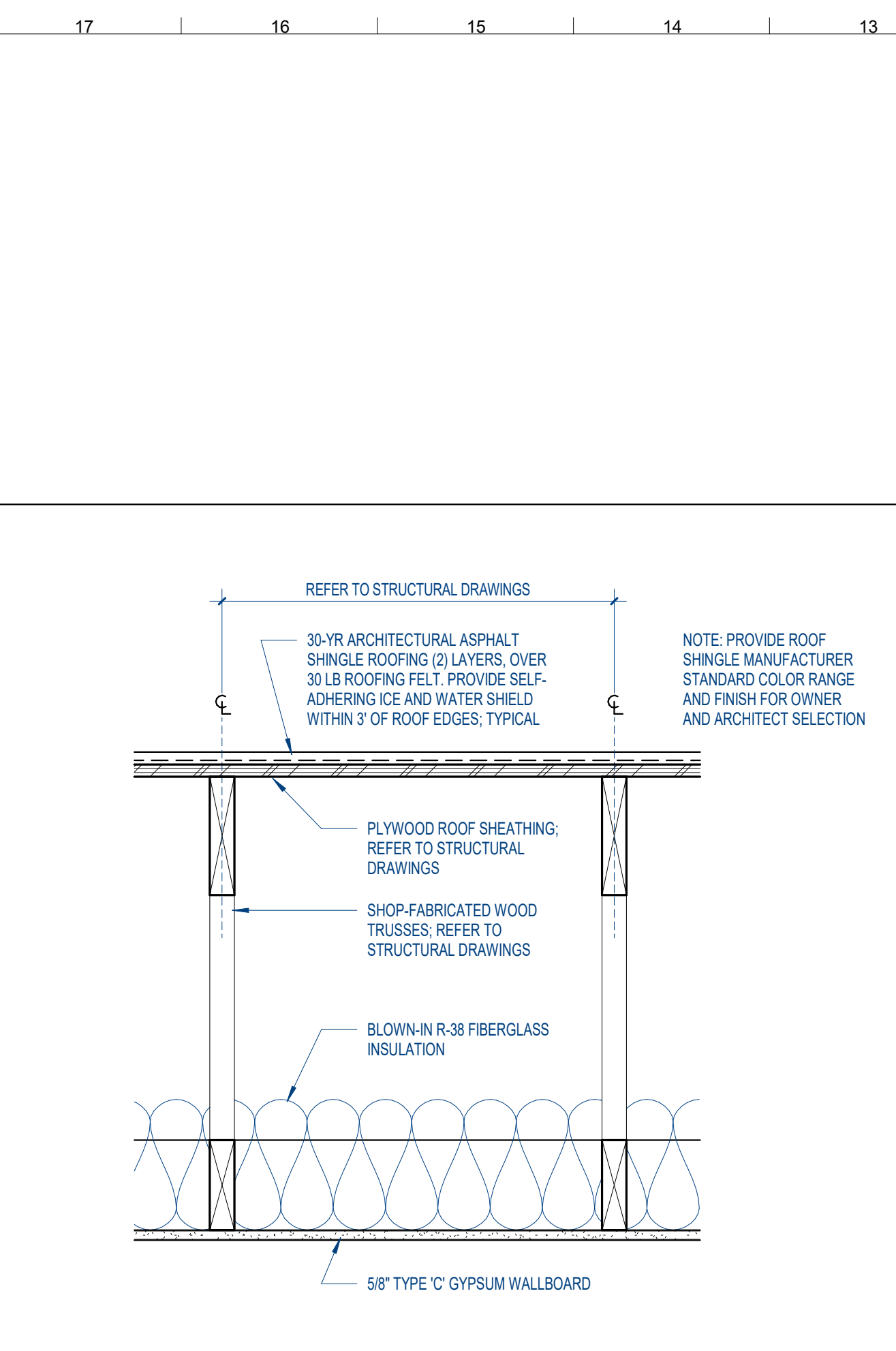
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 PROJECT DATE: 2024-03-01
 PROJECT NUMBER: 22021

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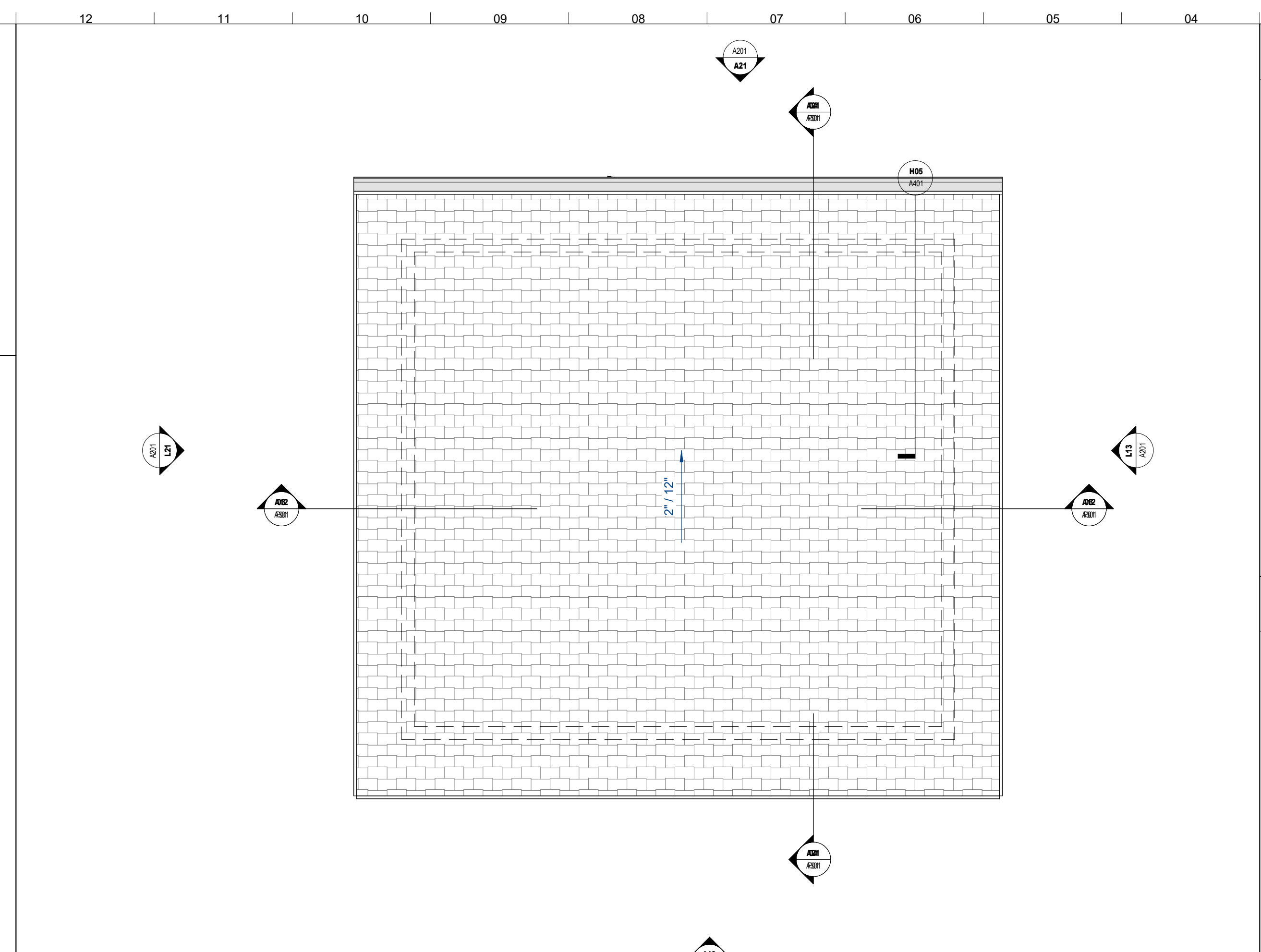
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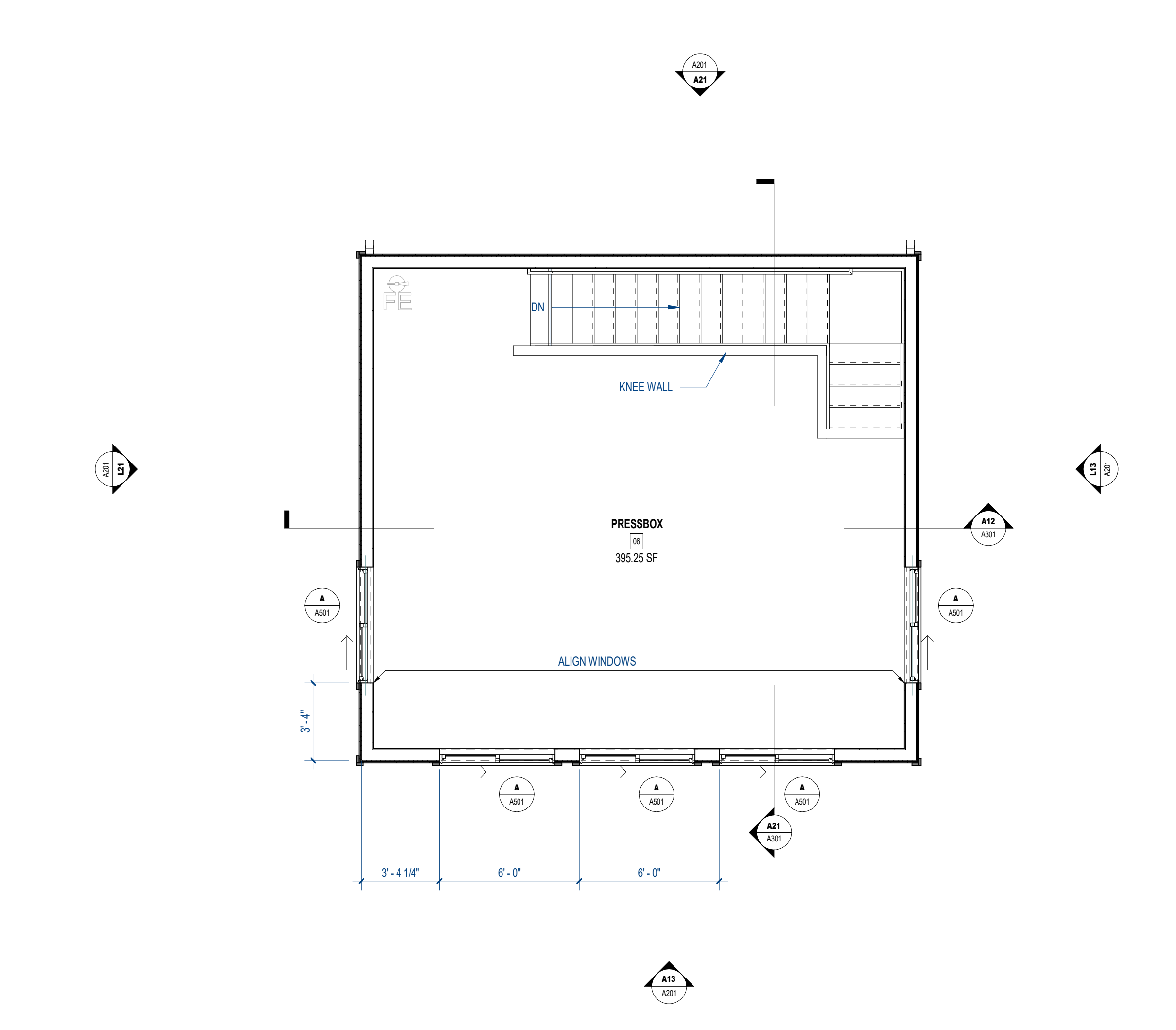
Q21 VENT PENETRATION DETAIL, TYP.
3" = 1'-0"



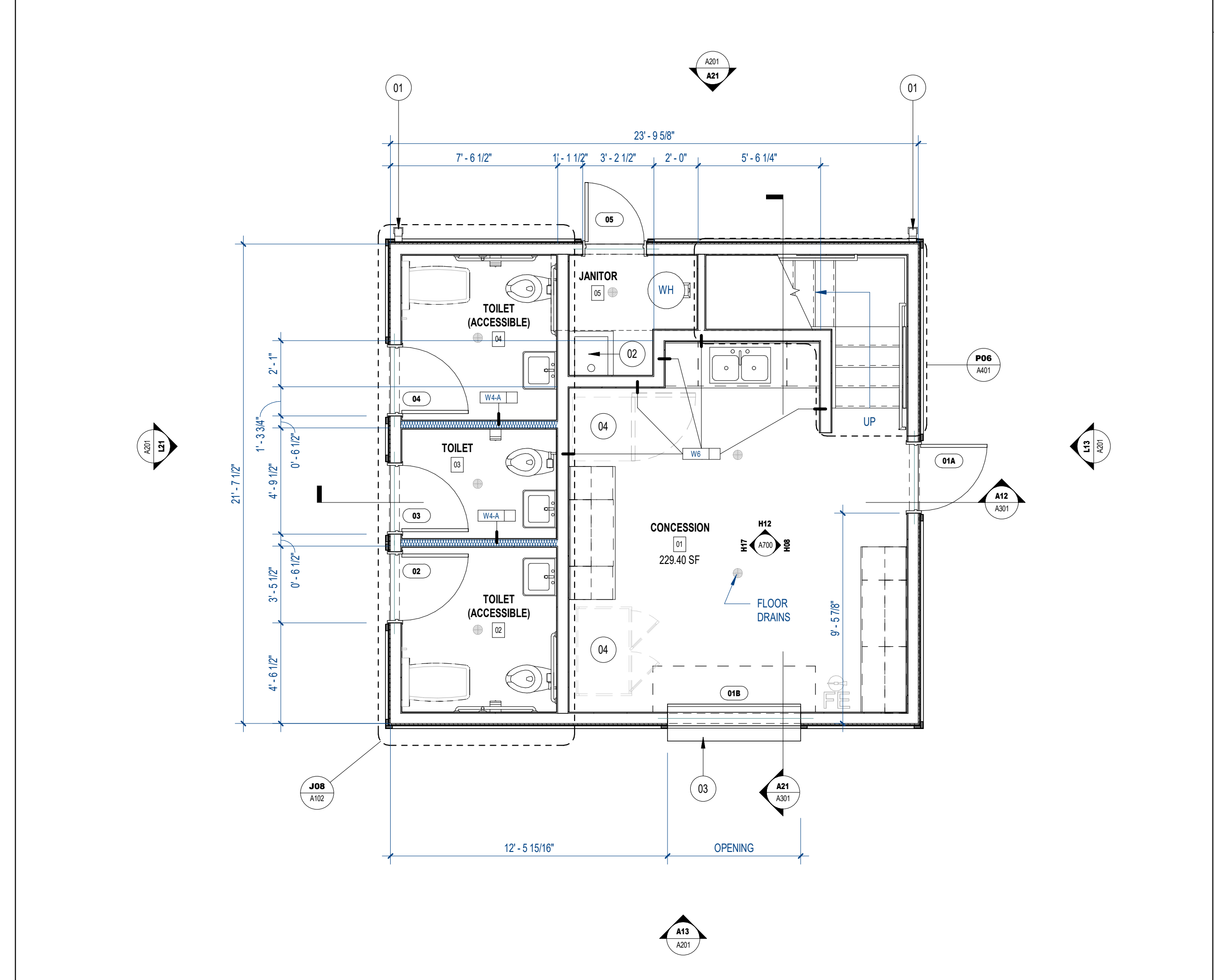
Q17 ROOF ASSEMBLY
1 1/2" = 1'-0"



L12 ROOF PLAN
1/4" = 1'-0"



A21 LEVEL 02
1/4" = 1'-0"
FLOOR PLAN - NEW CONSTRUCTION



A12 LEVEL 01
1/4" = 1'-0"
FLOOR PLAN - NEW CONSTRUCTION

GENERAL NOTES

- PLANS
- A CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS CONCERNING THE SCOPE OF WORK OF THIS PROJECT PRIOR TO COMMENCING WITH THE ASSOCIATED WORK. IN THE EVENT THE DIMENSIONS ARE IN QUESTION OR IF ANY DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK. FAILURE TO DO SO CONSTITUTES THE CONTRACTOR'S ACCEPTANCE OF THE WORK AS SHOWN.
 - B DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY / CONCRETE, UNLESS NOTED OTHERWISE.
 - C THE ROUGH OPENING OF A NEW DOOR GRAPHICALLY SHOWN IN THE CORNER OF A ROOM UNDIMENSIONED SHALL BE 0" OR 8" IN MASONRY WALLS (AS GRAPHICALLY INDICATED ON PLANS) OR 6" IN STUD FRAMED WALLS (AS GRAPHICALLY INDICATED ON PLANS) FROM THE INSIDE CORNER, UNLESS NOTED OR DIMENSIONED OTHERWISE.
 - D THE ROUGH OPENING OF A NEW DOOR GRAPHICALLY SHOWN IN THE CENTER OF A WALL UNDIMENSIONED SHALL BE ENTERED ON WALL, UNLESS NOTED OR DIMENSIONED OTHERWISE.
 - E IN SPACES OPEN TO EXPOSED STRUCTURE ABOVE, PERIMETER WALLS OF SPACE SHALL EXTEND TO UNDERSIDE OF ROOF / FLOOR DECKING ABOVE.
 - F ALL WALLS ARE TO BE EXTENDED TO UNDERSIDE OF DECK (ROOF OR FLOOR), UNLESS NOTED OTHERWISE.
 - G ALL LOCATIONS WHERE BRICK VENEER BUTTS INTO CMU OR CAST STONE, A SOFT JOINT WITH BACKER ROD AND SEALANT SHALL BE PROVIDED.
 - H ALL EXPOSED STEEL SHALL BE FULLY AND COMPLETELY PAINTED WITH HIGH PERFORMANCE & FIRE RESISTIVE COATINGS PRIOR TO INSTALLATION, UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DRAWINGS & SPECIFICATIONS.

INTERIOR WALLS

GRAPHIC LEGEND

W4	2X4 WOOD STUDS AT 16" O.C. - TYP. WALL TYPE U.O.N.
W4-A	2X4 WOOD STUDS AT 16" O.C. WITH SOUND ATTENUATION BLANKETS
W6	2X6 WOOD STUDS AT 16" O.C.

KEYNOTES

- 01 DOWNSPOUT, TIE INTO BELOW GRADE COLLECTOR, REFER TO CIVIL
- 01 DOWNSPOUT, TIE INTO BELOW GRADE COLLECTOR, REFER TO CIVIL
- 02 SERVICE SINK, REFER PLUMBING DRAWINGS
- 03 OVERHEAD COILING COUNTER DOOR
- 04 OWNER PROVIDED EQUIPMENT / APPLIANCES SHOWN FOR REFERENCE ONLY; NOT IN CONTRACT. PROVIDE POWER.
- 04 OWNER PROVIDED EQUIPMENT / APPLIANCES SHOWN FOR REFERENCE ONLY; NOT IN CONTRACT. PROVIDE POWER.

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CONSTRUCTION DOCUMENTS FOR
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CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



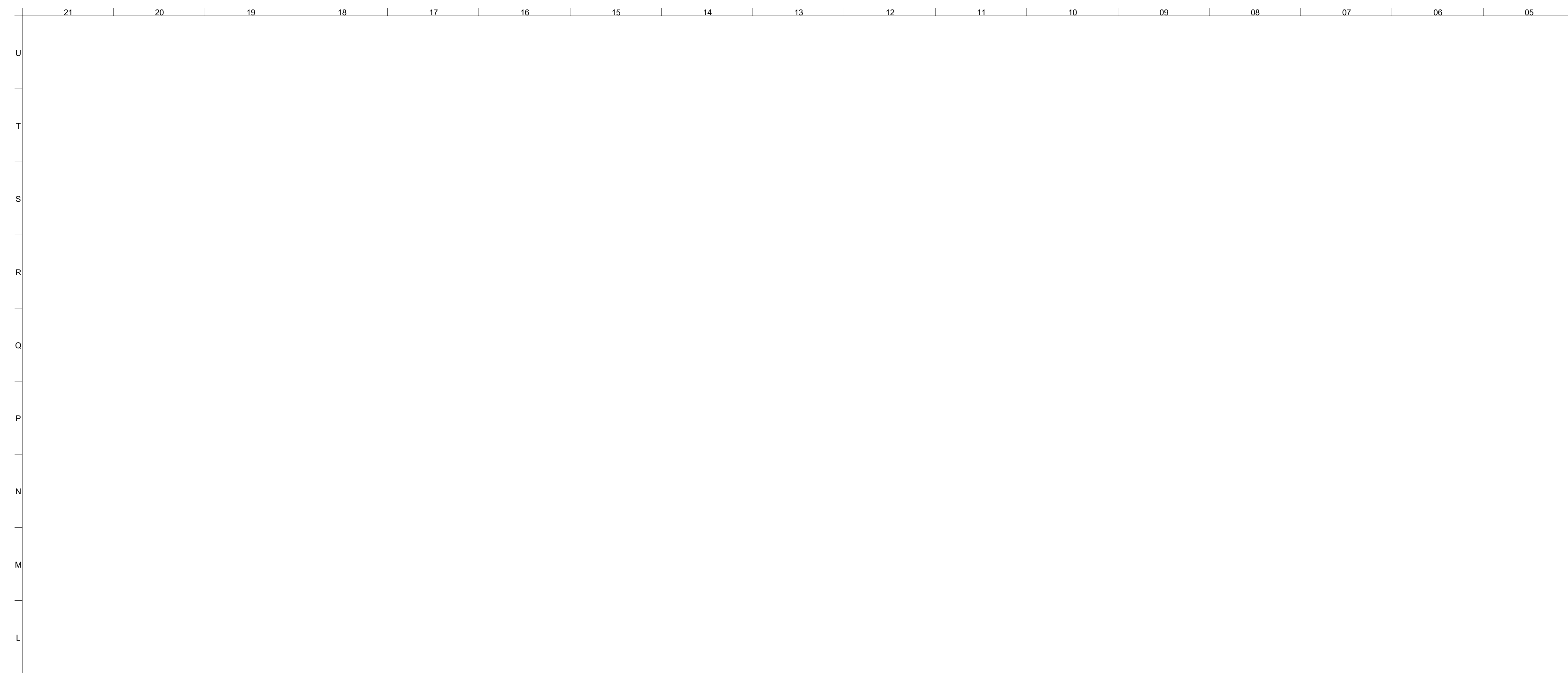
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SHEET DESCRIPTION
FLOOR PLANS

A101
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021

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A21

LEVEL 02 - RCP

1/4" = 1'-0"

REFLECTED CEILING PLAN

A

A12

LEVEL 01

1/4" = 1'-0"

REFLECTED CEILING PLAN

A

GENERAL NOTES

A ALL CEILING HEIGHTS ARE ABOVE FINISH FLOOR ELEVATION.
 B COORDINATE INSTALLATION OF SPRINKLER HEADS WITH ARCHITECT UPON SHOP DRAWING SUBMITTAL.
 C DIMENSIONS ON REFLECTED CEILING PLAN ARE SHOWN TO FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
 D ALL EXIT SIGNS, LIGHT FIXTURES, SPEAKERS, AUDIO VISUAL DEVICES, SMOKE DETECTORS AND/OR OTHER DEVICE LOCATIONS SHOWN IN THE REFLECTED CEILING PLAN SHALL BE LOCATED IN THE CENTER OF THE CEILING TILE OR PANELS UNLESS NOTED OTHERWISE.
 E PROVIDE SEISMIC BRACING AS REQUIRED BY LOCAL CODE.

GRAPHIC LEGENDS

	DIFFUSER - SUPPLY
	DIFFUSER - RETURN
	SPRINKLER HEAD
	EXIT SIGN
	EMERGENCY LIGHT FIXTURE
	2' x 2' LED FIXTURE
	LINEAR UTILITY LIGHT
	2T - 2' x 2' ACOUSTIC CEILING TILE
	2TI - 2' x 2' A.C.T. w/ INSULATION
	GYP - GYPSUM BOARD CEILING
	CBS - CEMENT BOARD SOFFIT

KEYNOTES

EXAMPLE REFLECTED CEILING PLAN KEYNOTE CONTENT

A04

KEY PLAN

NOT TO SCALE

A

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SHEET DESCRIPTION
REFLECTED CEILING PLAN & DETAILS

A121

PROJECT DATE	PROJECT NUMBER
2024-03-01	22021

KEYED NOTES

EXTERIOR ELEVATIONS

- 01 HARDIE LAP SIDING - SMOOTH - PRIMED FOR PAINT
- 02 HARDIE TRIM BOARDS: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT WINDOW SURROUNDS
- 03 PELLA 250 SERIES VINYL SLIDING WINDOW
- 04 HARDIE SOFFIT PANELS - VENTED, SMOOTH, PRIMED FOR PAINT
- 05 HARDIE FASCIA TRIM BOARD: 5/4 SMOOTH - PRIMED FOR PAINT
- 06 WALL PENETRATION: SEE AG003 FOR SIDING TREATMENT AND FLASHING. REFER TO MECHANICAL DRAWINGS.

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 CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



NO.	ISSUED BY	DATE

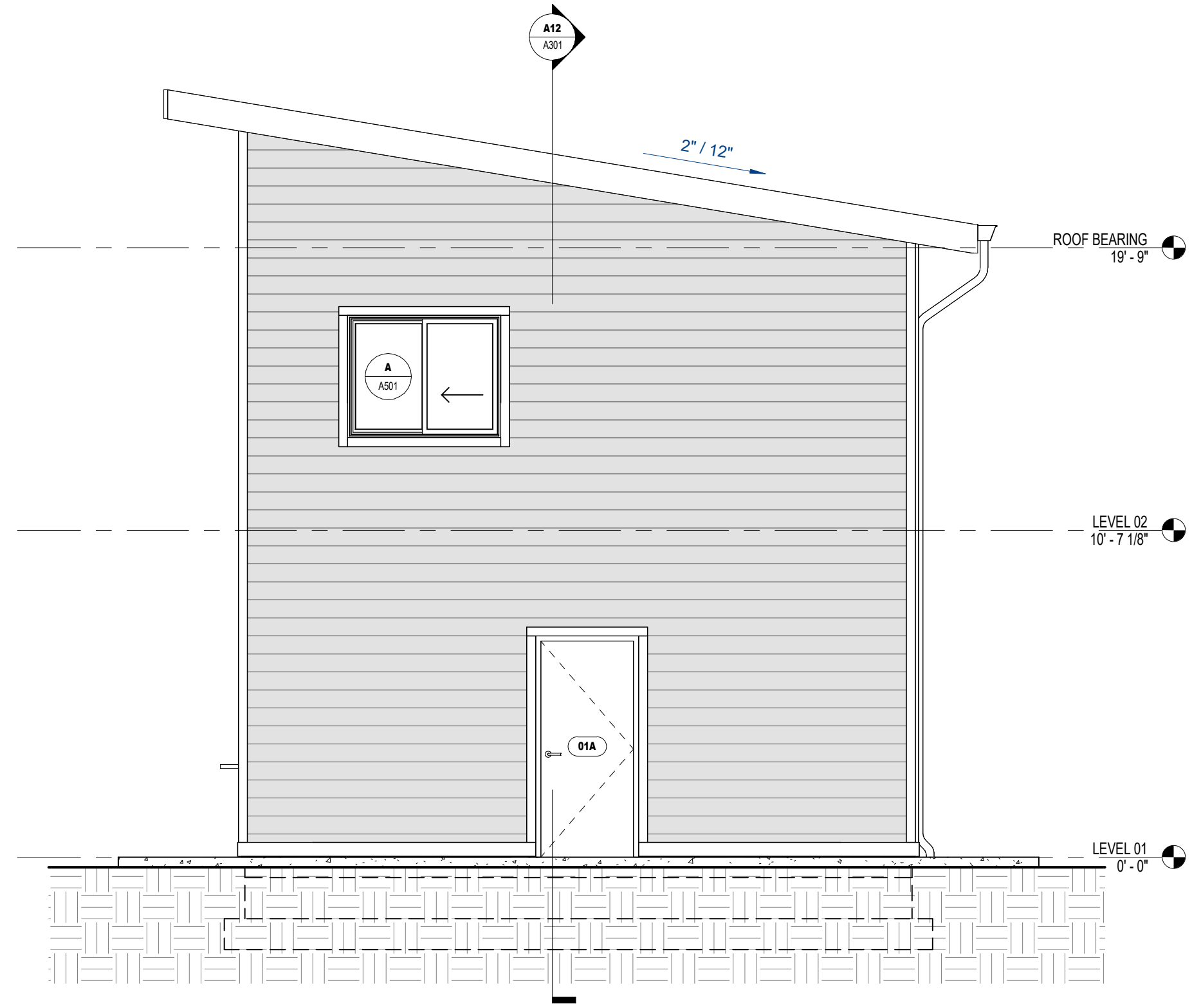
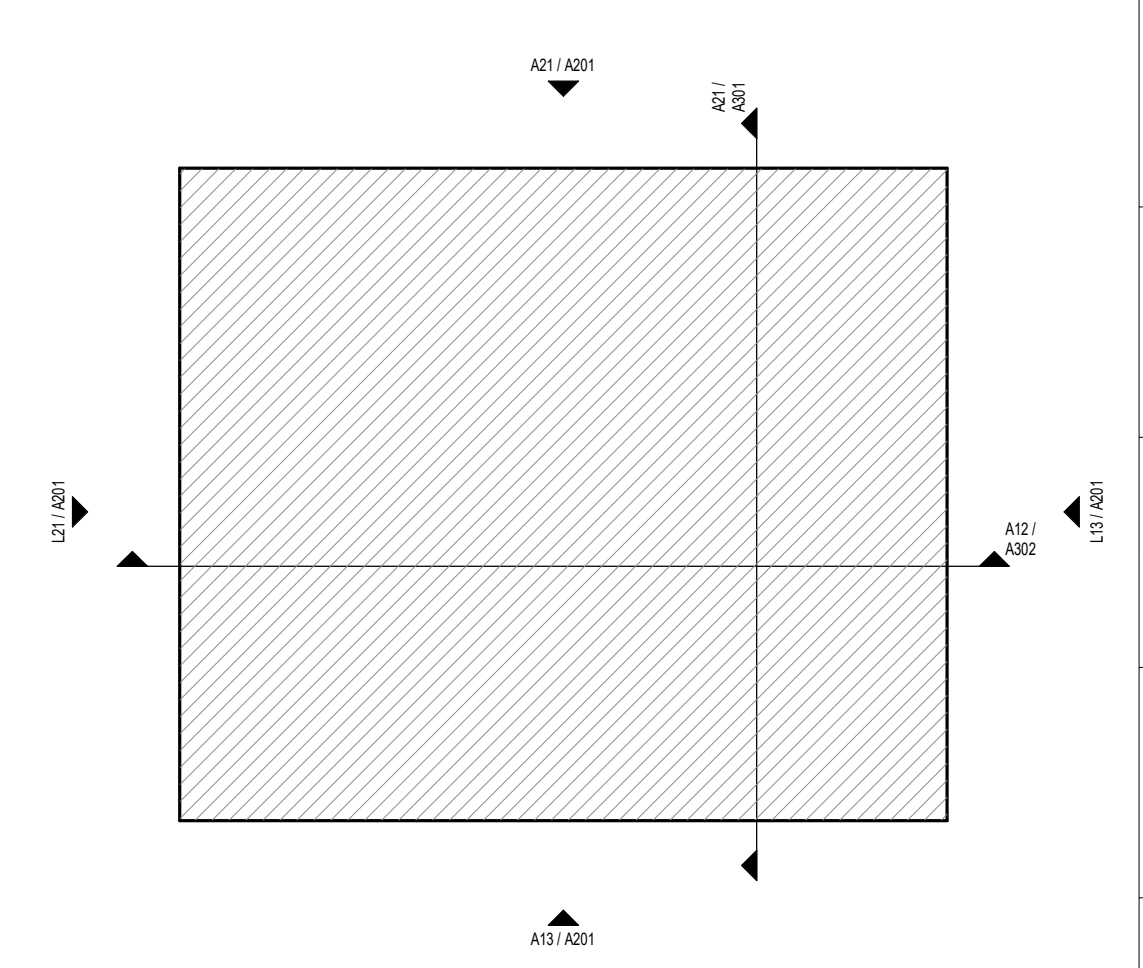
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SHEET DESCRIPTION
 EXTERIOR ELEVATIONS

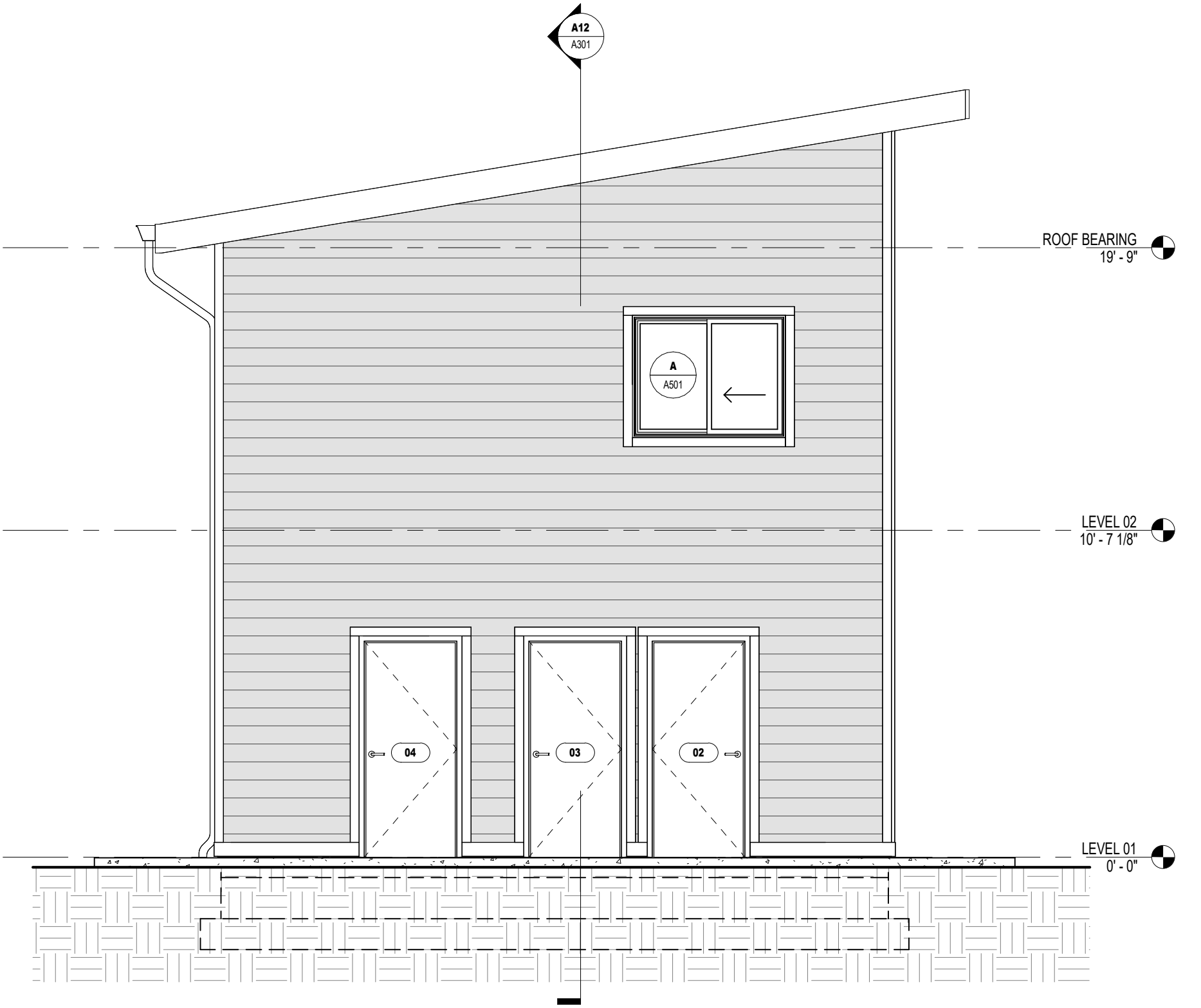
A201

PROJECT DATE	PROJECT NUMBER
2024-03-01	22021

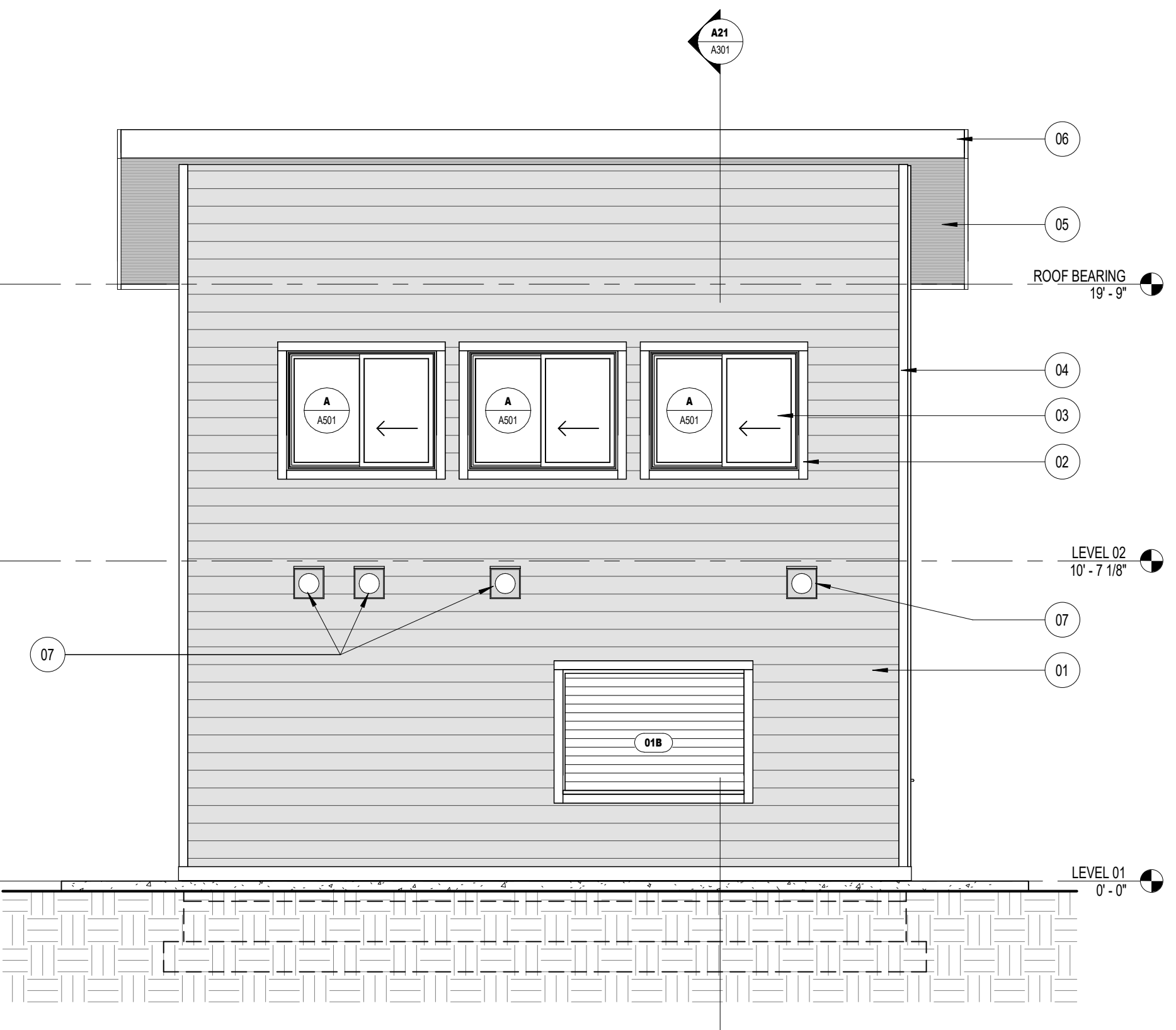
A04 KEY PLAN
 NOT TO SCALE



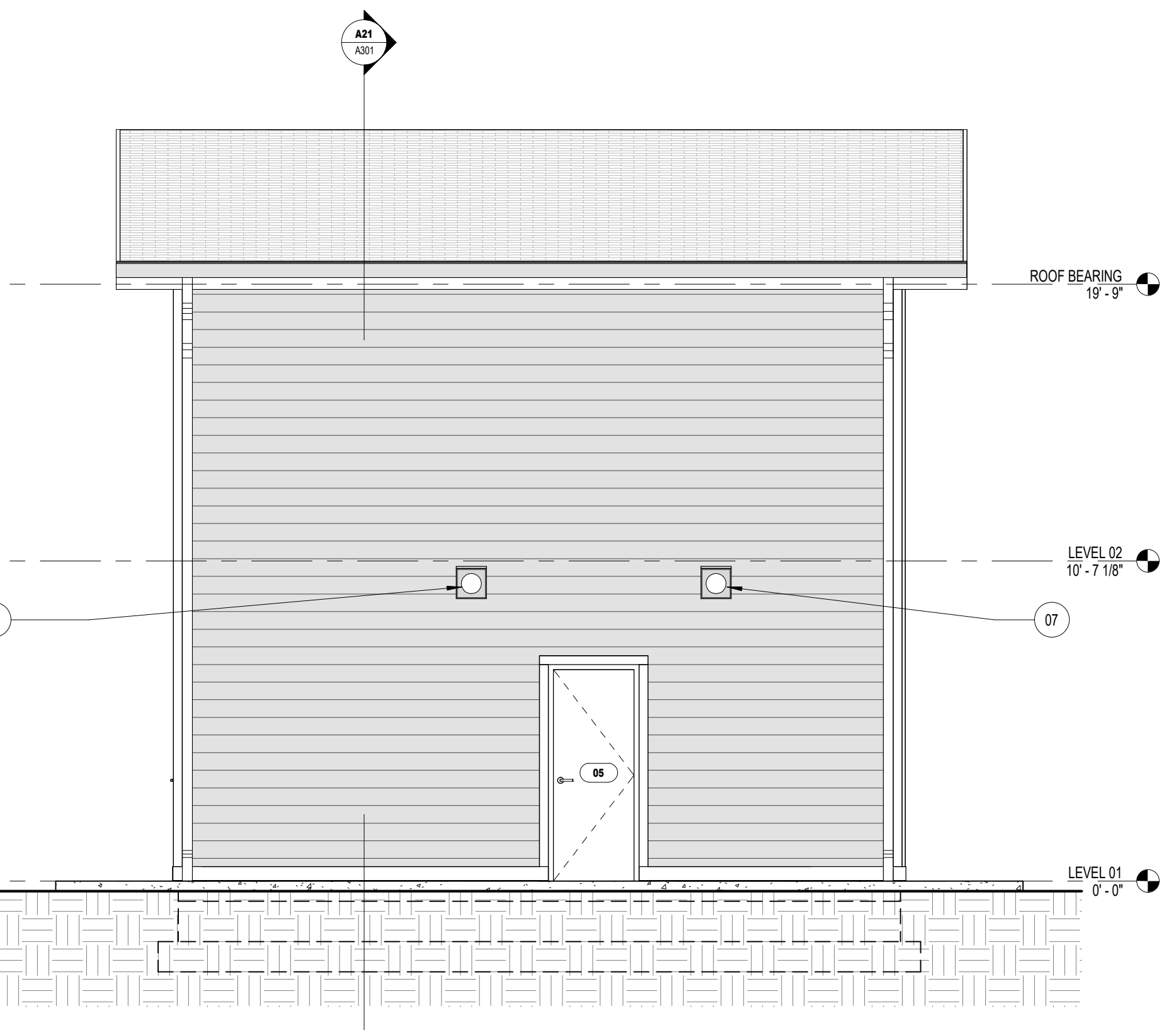
L13 ELEVATION
 1/4" = 1'-0"



L21 ELEVATION
 1/4" = 1'-0"



A13 ELEVATION
 1/4" = 1'-0"



A21 ELEVATION
 1/4" = 1'-0"

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KEYED NOTES

- 01 HARDIE LAP SIDING - SMOOTH - PRIMED FOR PAINT
- 02 HARDIE TRIM BOARDS: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT WINDOW SURROUNDS
- 03 HARDIE TRIM BOARDS: 5/4 SMOOTH - PRIMED FOR PAINT - TYP. AT CORNERS
- 04 PELLA 250 SERIES VINYL SLIDING WINDOW
- 05 HARDIE SOFFIT PANELS - VENTED, SMOOTH, PRIMED FOR PAINT
- 06 HARDIE FASCIA TRIM BOARD: 5/4 SMOOTH - PRIMED FOR PAINT
- 07 WALL PENETRATION: SEE AG003 FOR SIDING TREATMENT AND FLASHING. REFER TO MECHANICAL DRAWINGS.

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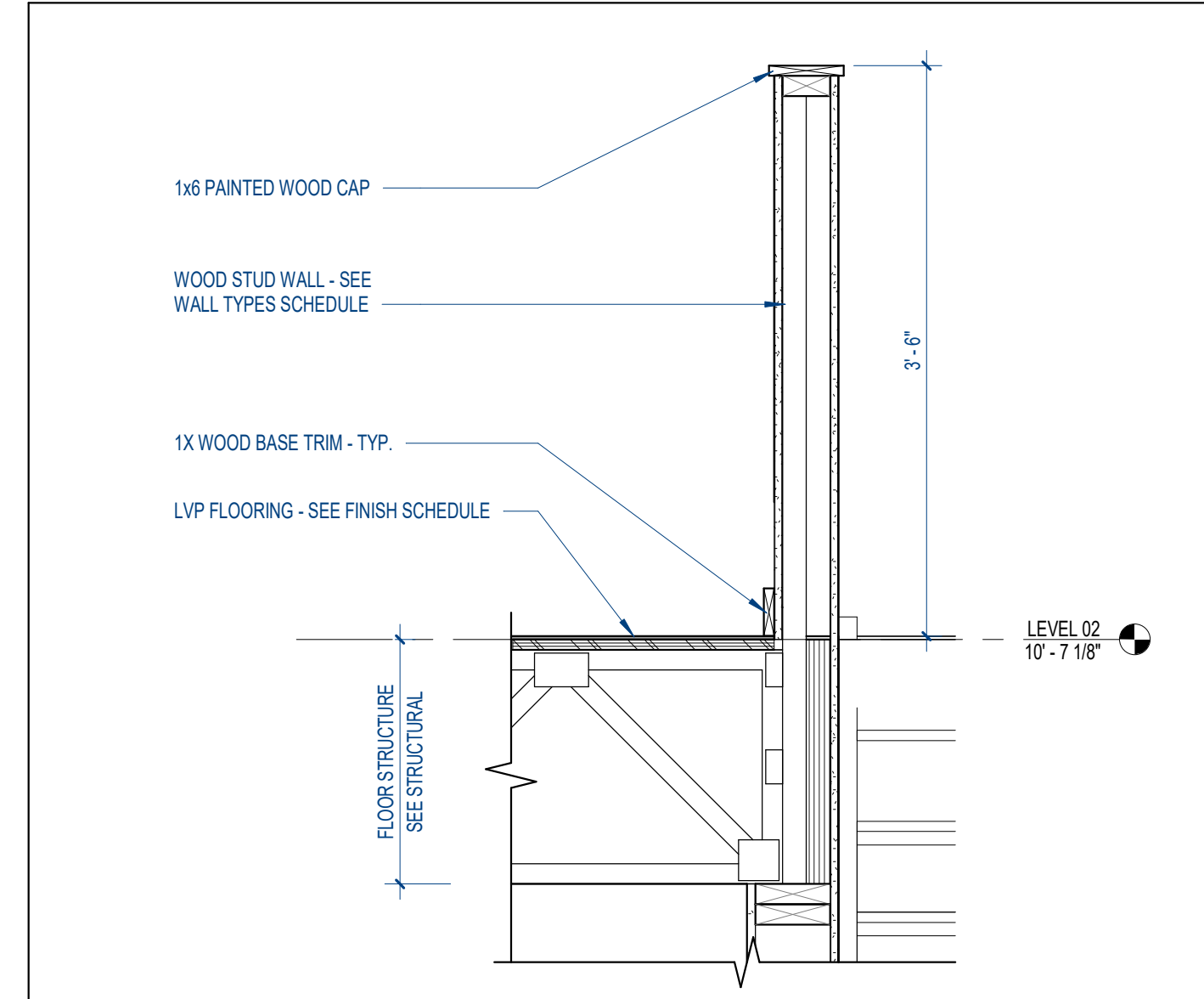
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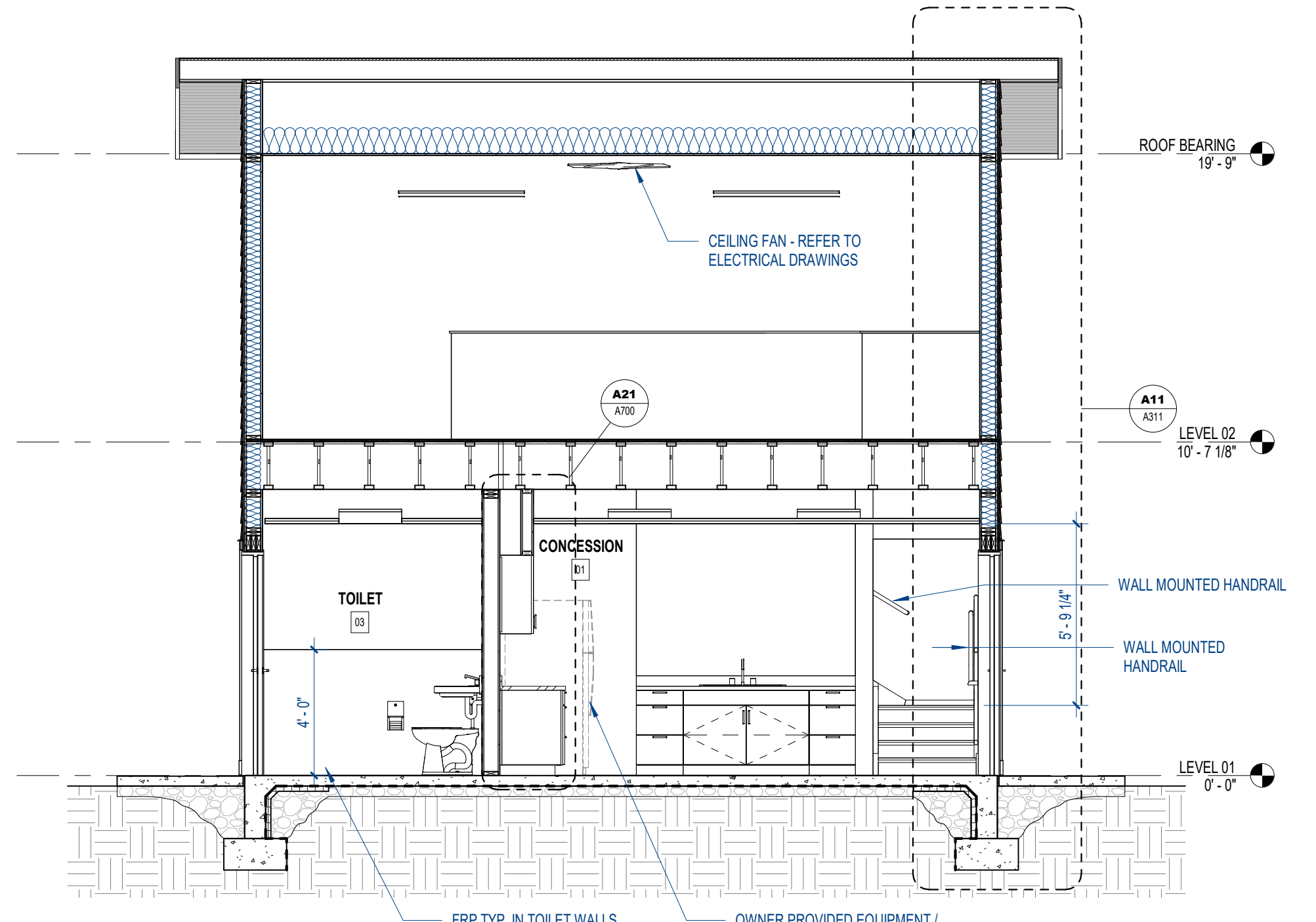
SHEET DESCRIPTION
 BUILDING SECTIONS

A301

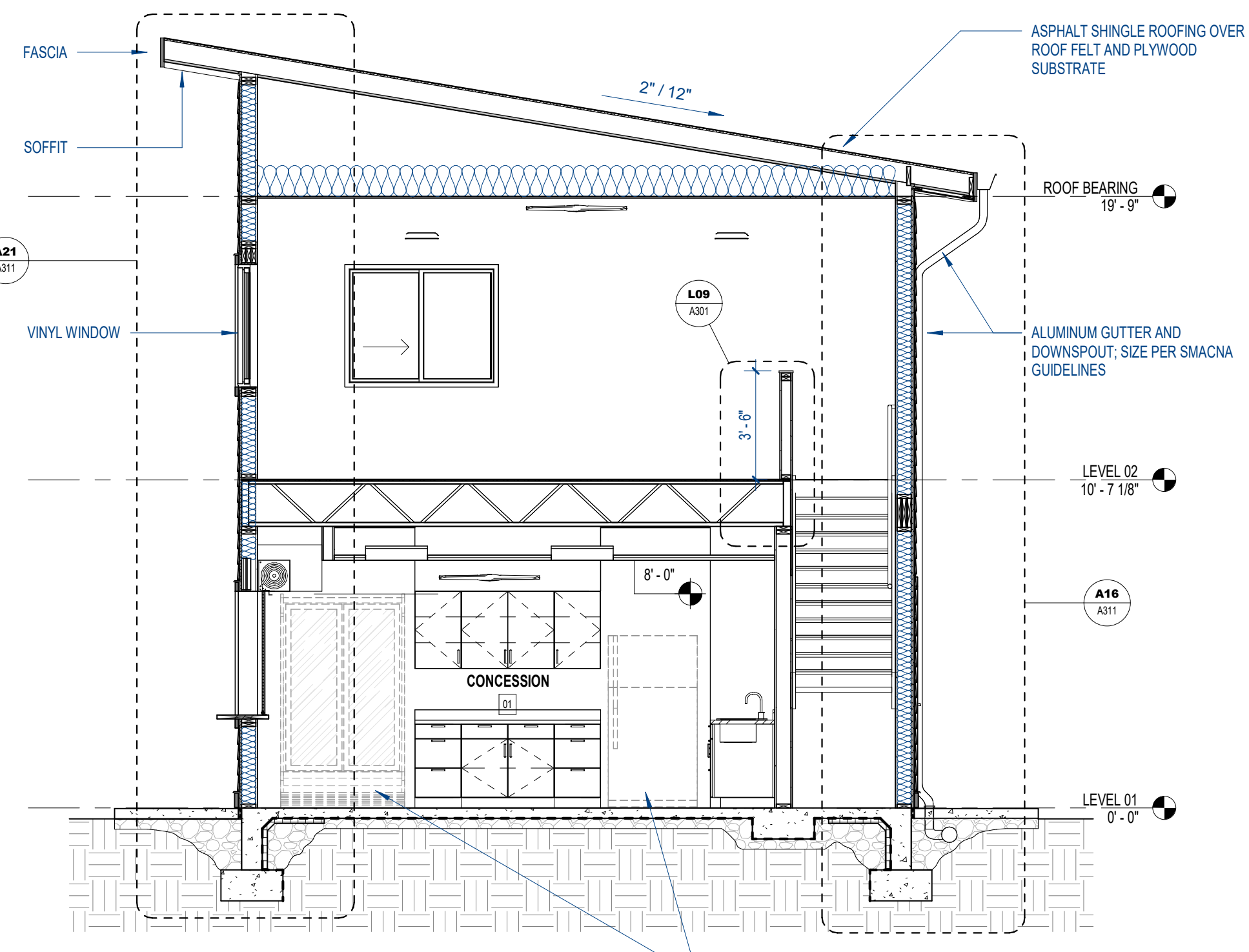
PROJECT DATE	PROJECT NUMBER
2024-03-01	22021



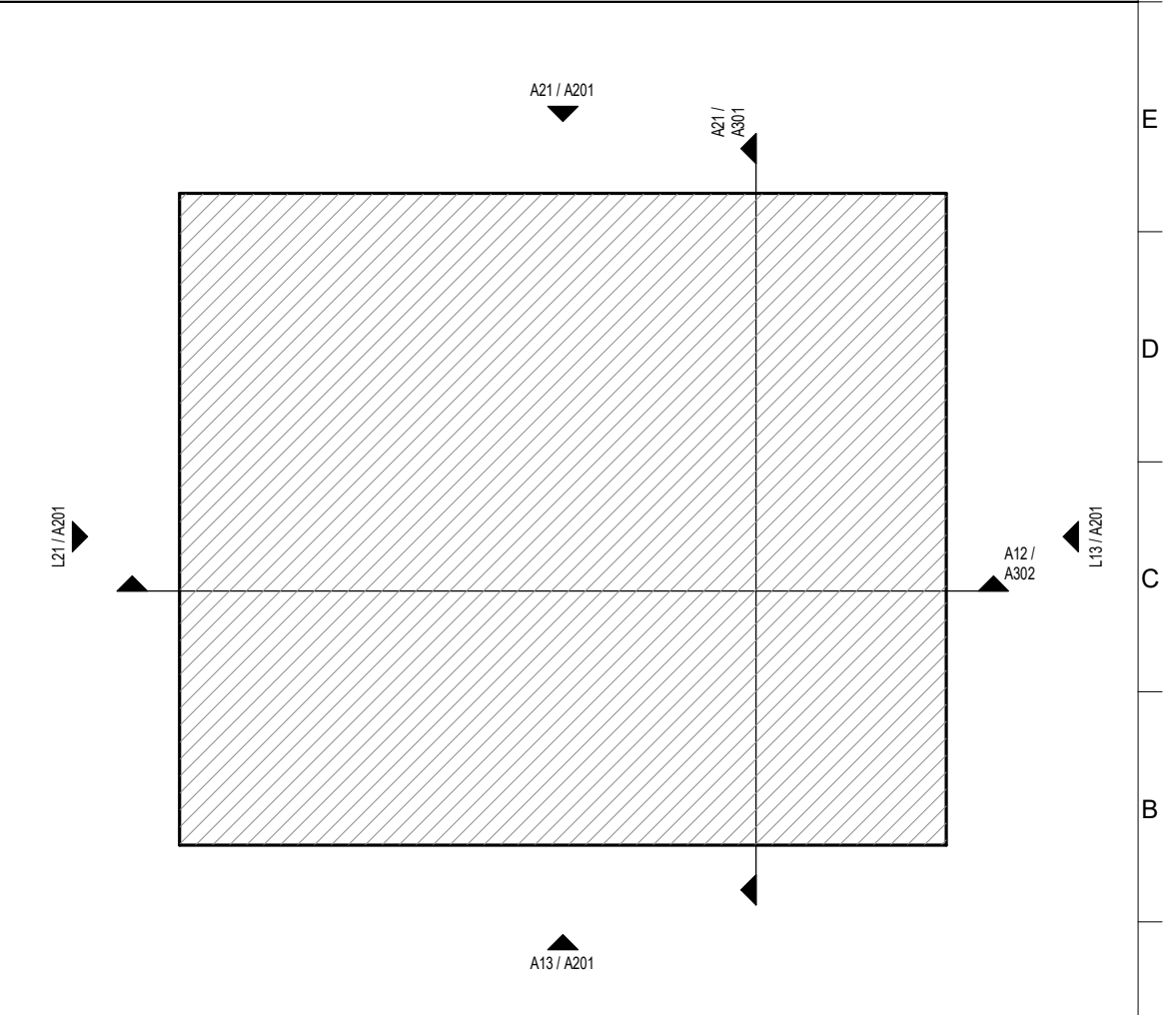
L09 KNEE WALL DETAIL
 1" = 1'-0"



A12 BUILDING SECTION
 1/4" = 1'-0"



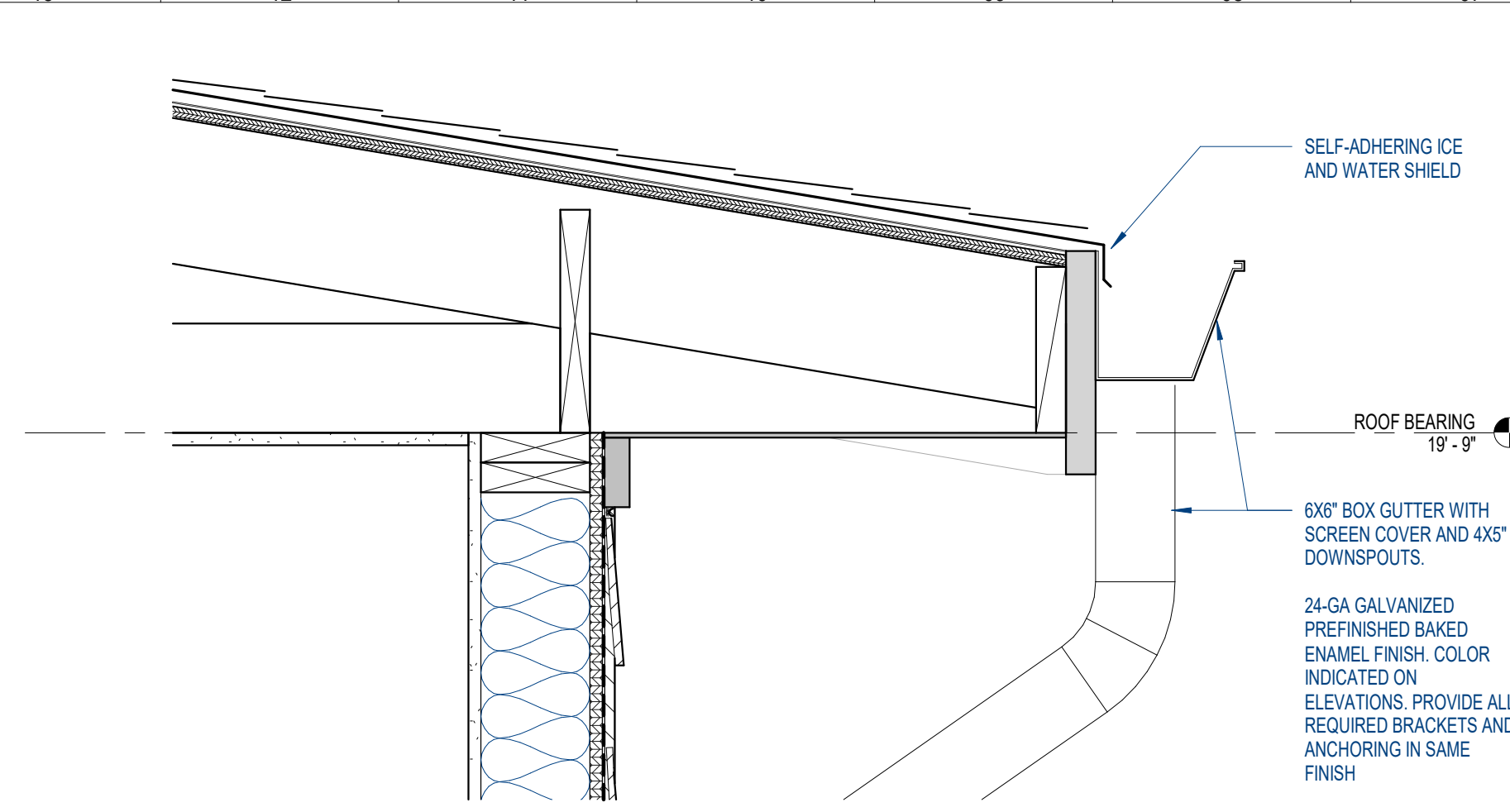
A21 BUILDING SECTION
 1/4" = 1'-0"



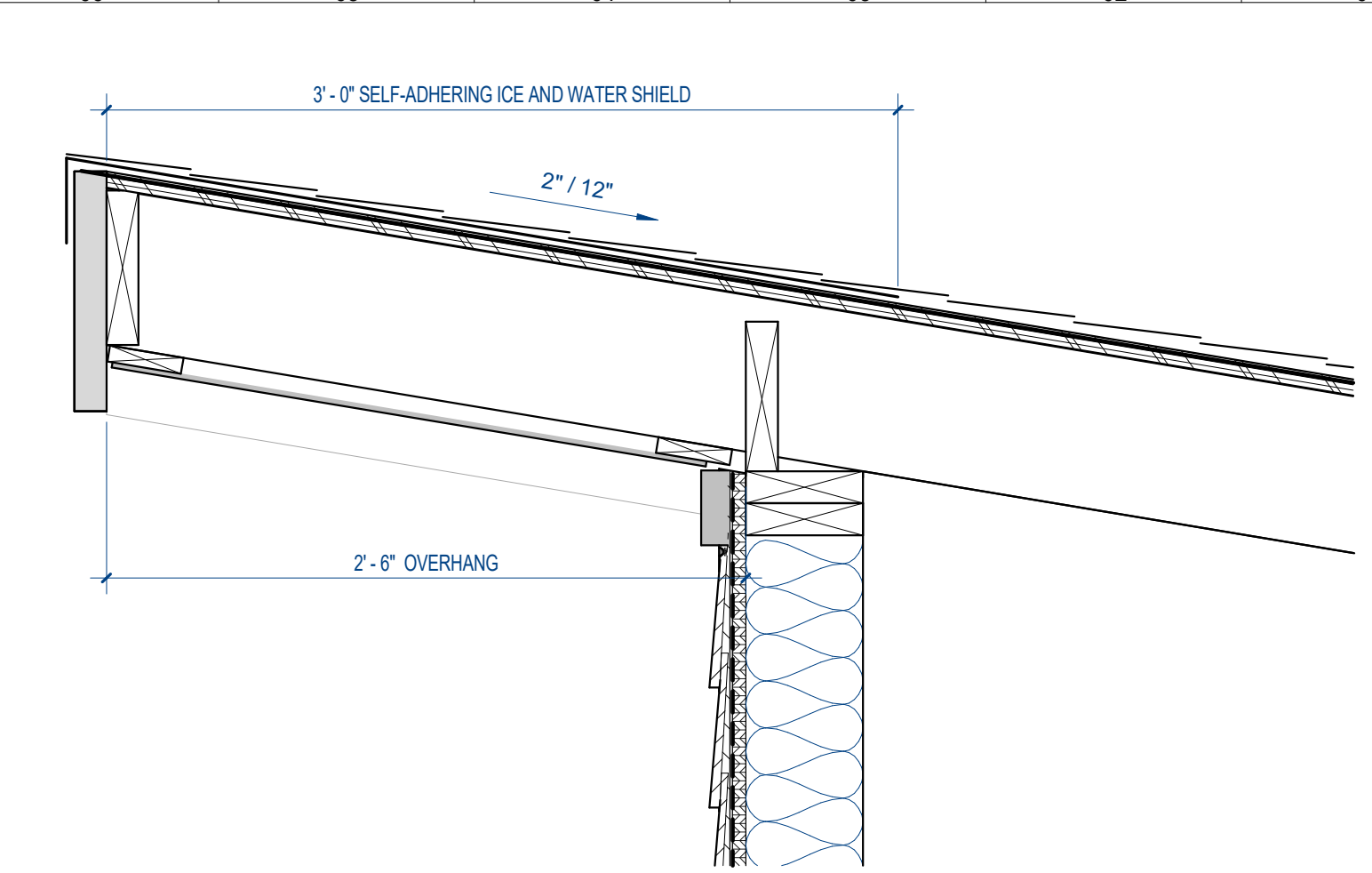
A04 KEY PLAN
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3/1/2024 2:42:54 PM

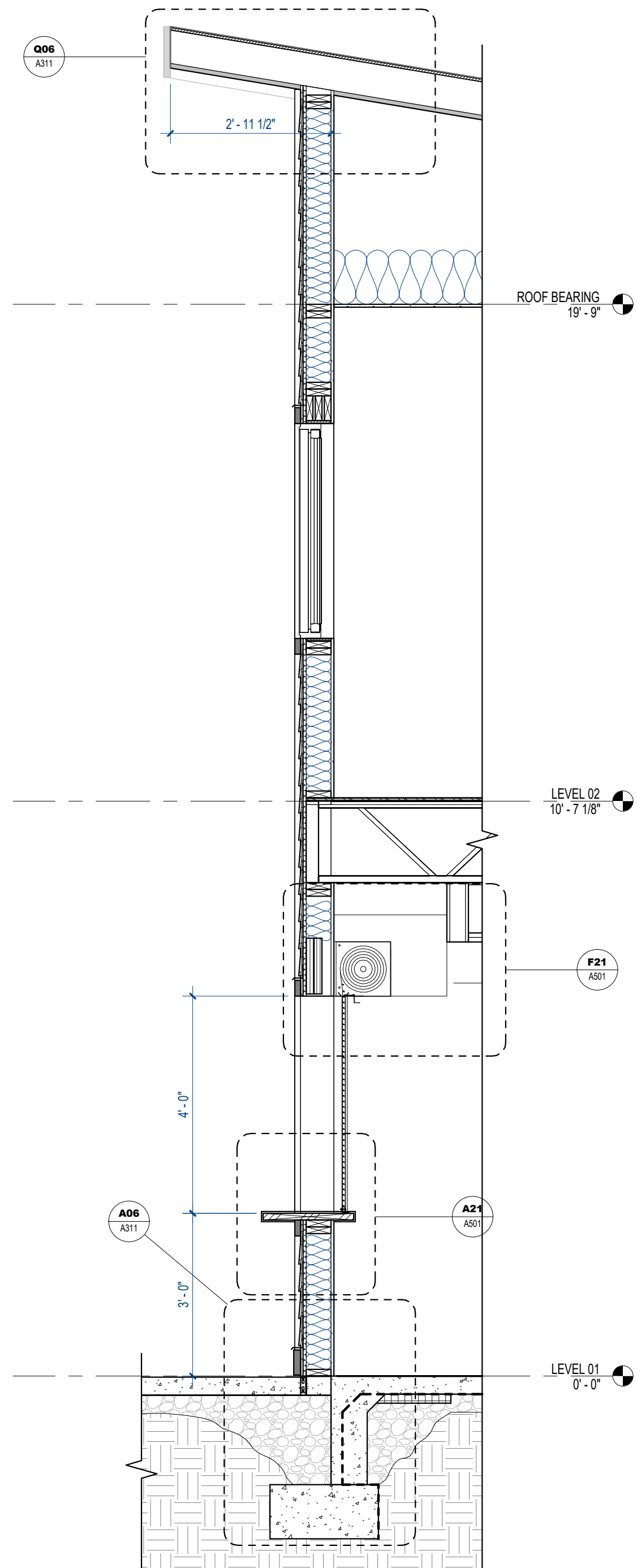
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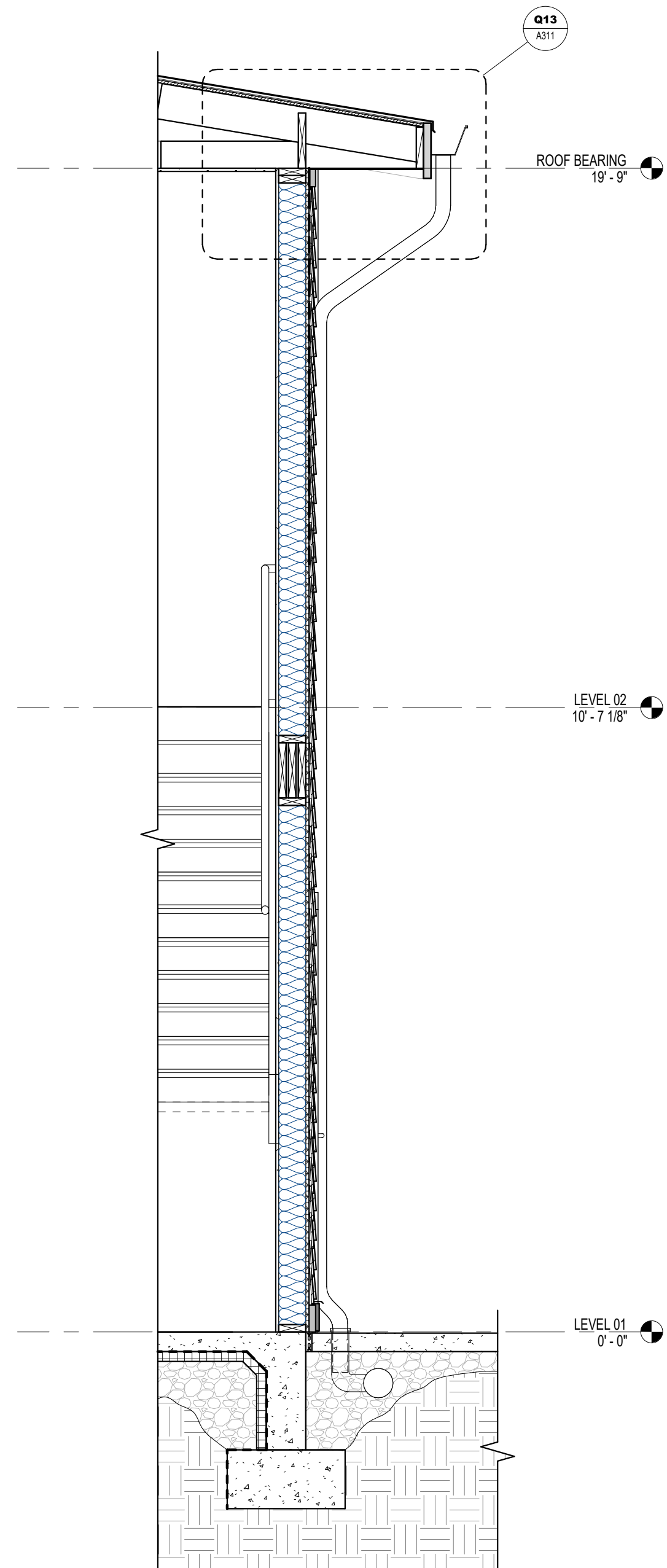
Q13 SOFFIT DETAIL
1 1/2" = 1'-0"



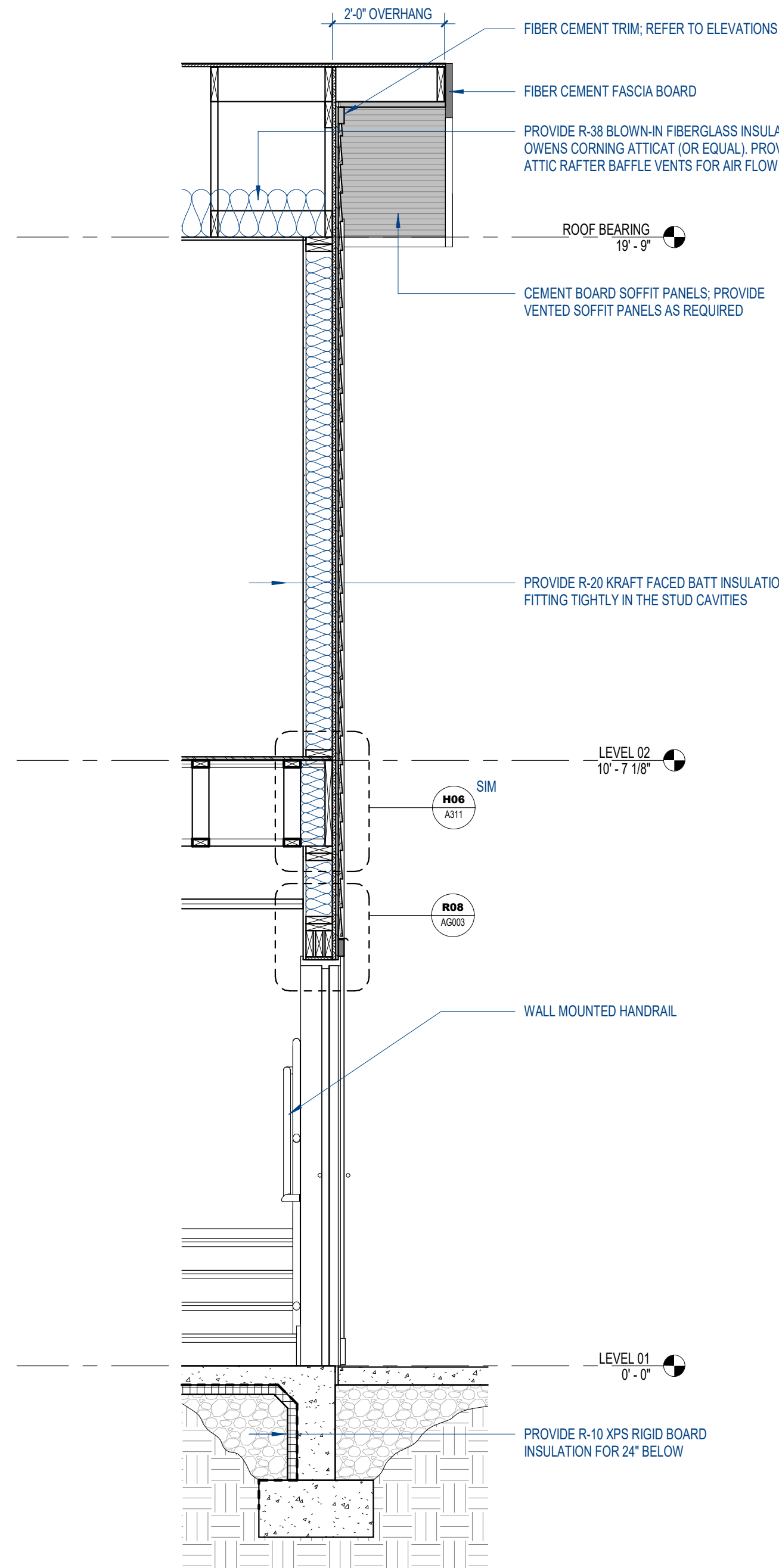
Q06 ROOF OVERHANG DETAIL
1 1/2" = 1'-0"



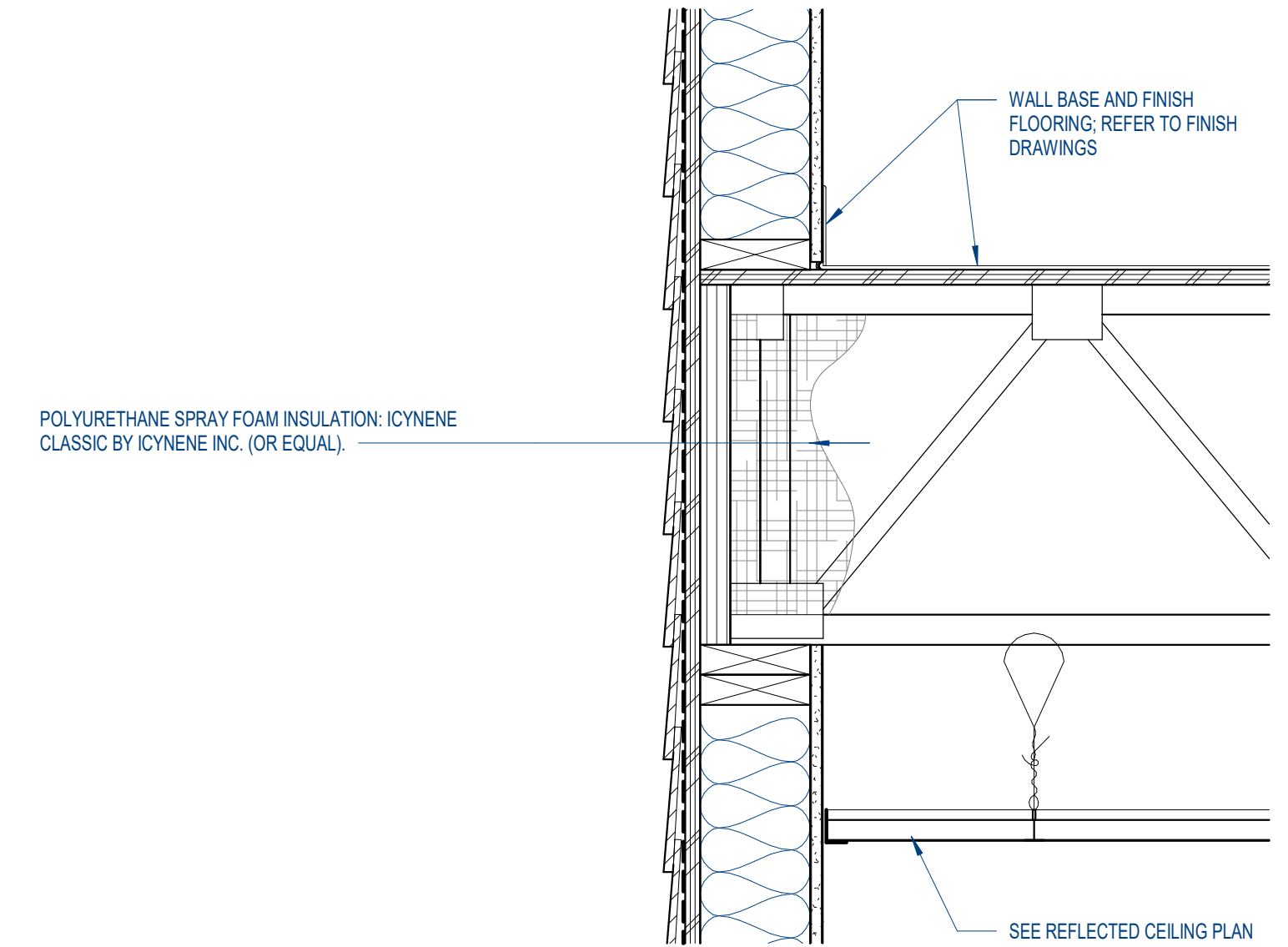
A21 WALL SECTION
1/2" = 1'-0"



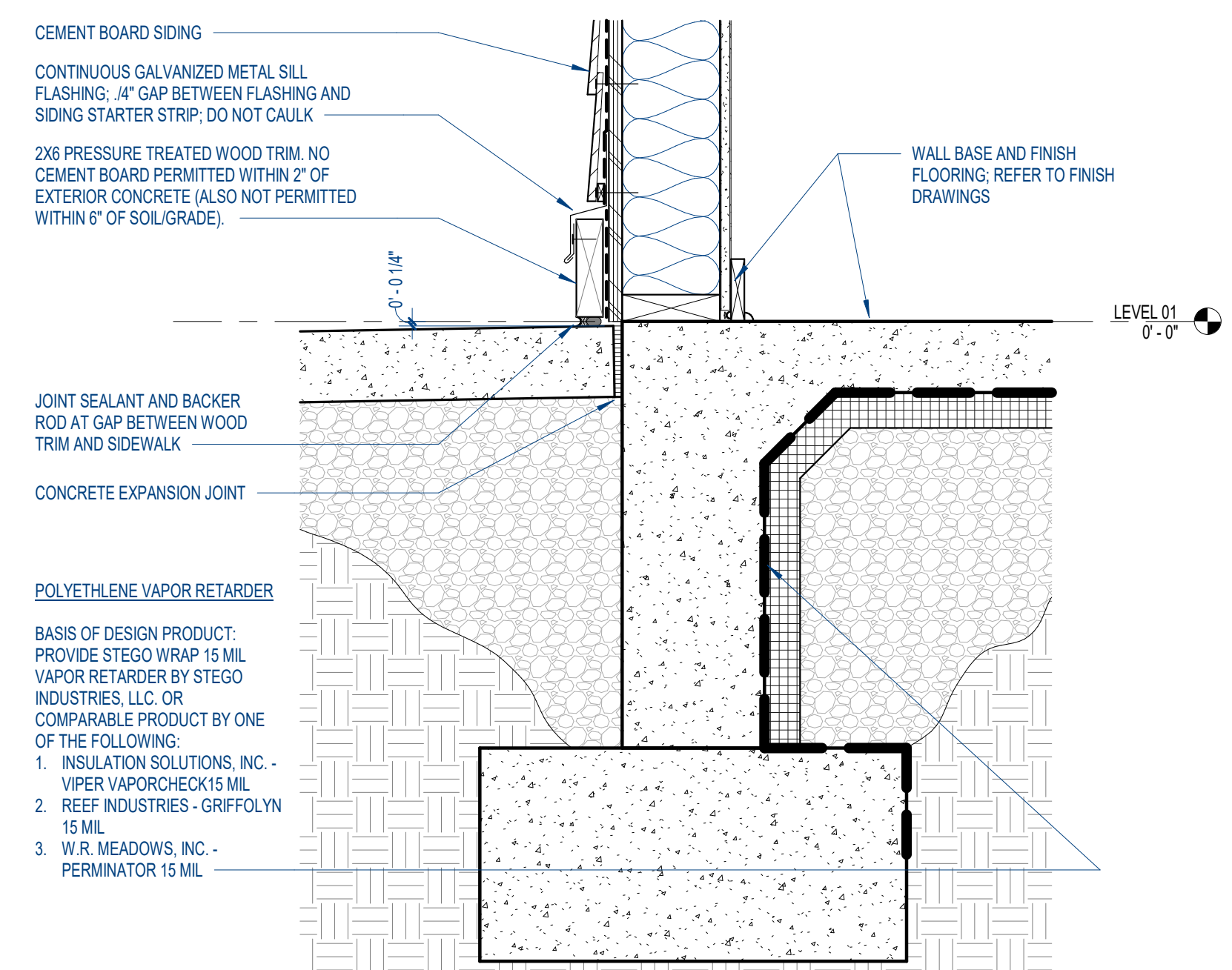
A16 WALL SECTION
1/2" = 1'-0"



A11 WALL SECTION
1/2" = 1'-0"



H06 EXTERIOR WALL ASSEMBLY AT BEARING
1 1/2" = 1'-0"



A06 BASE OF WALL DETAIL
1 1/2" = 1'-0"

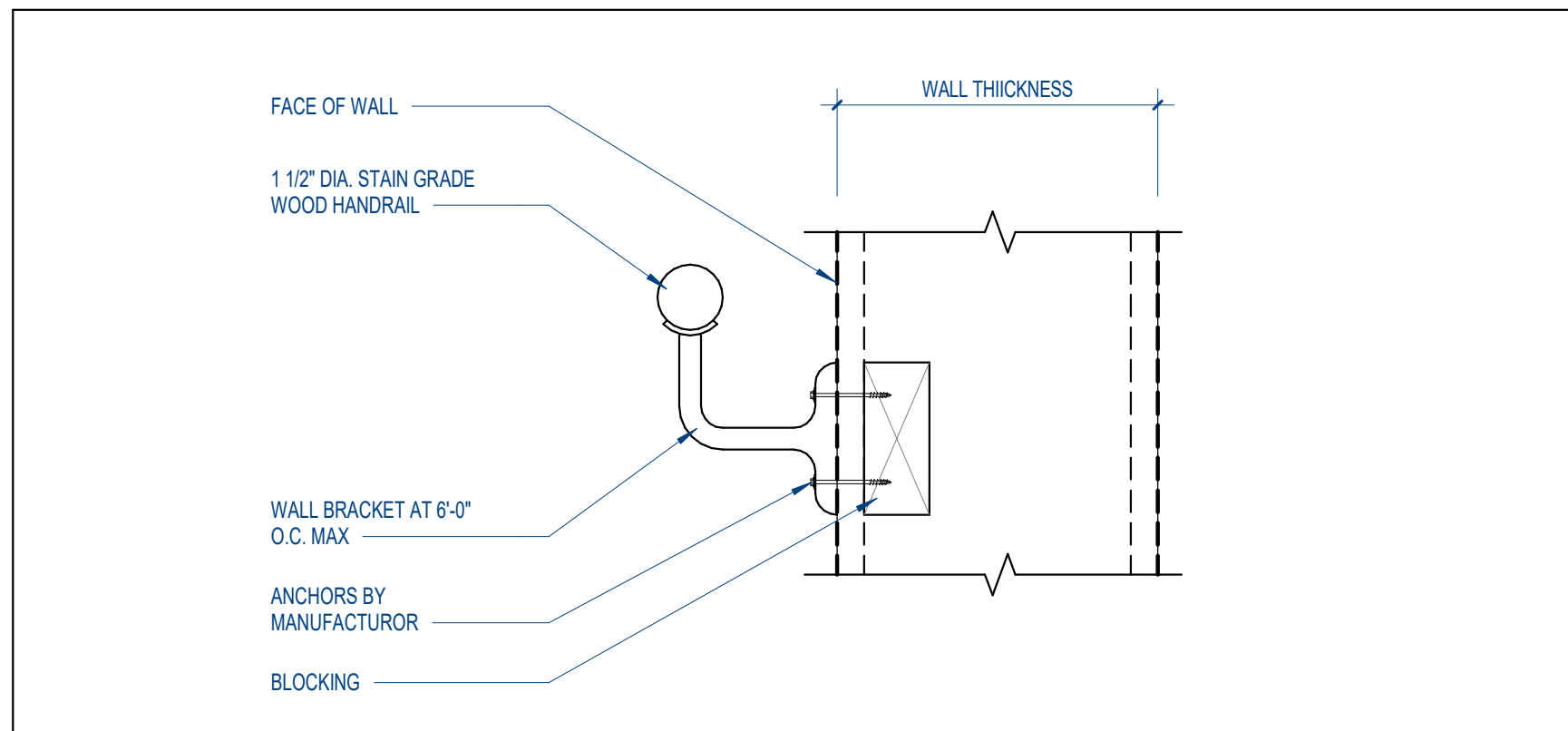


NO.	ISSUED BY	DATE

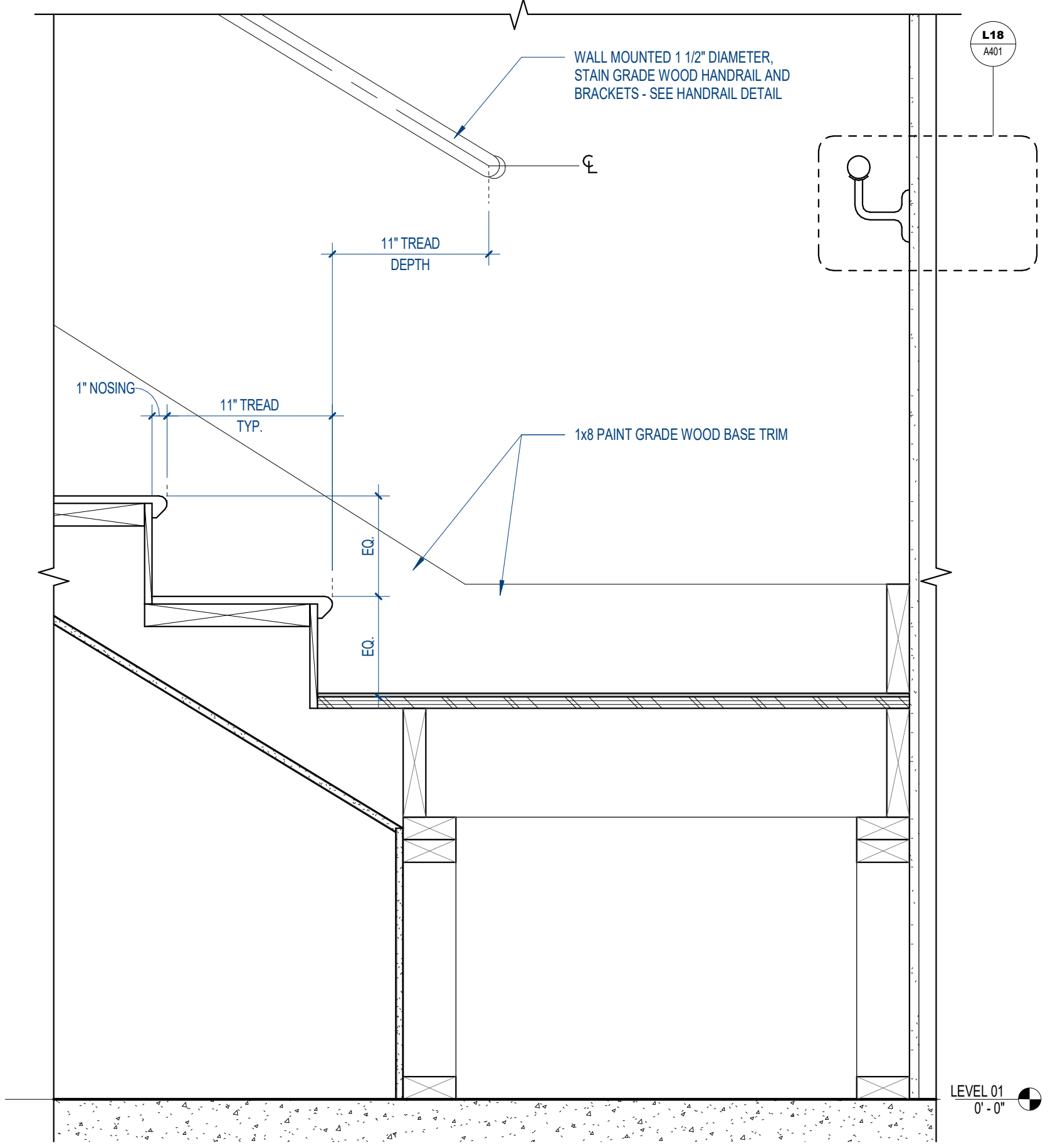
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SHEET DESCRIPTION
WALL SECTIONS AND EXTERIOR DETAILS

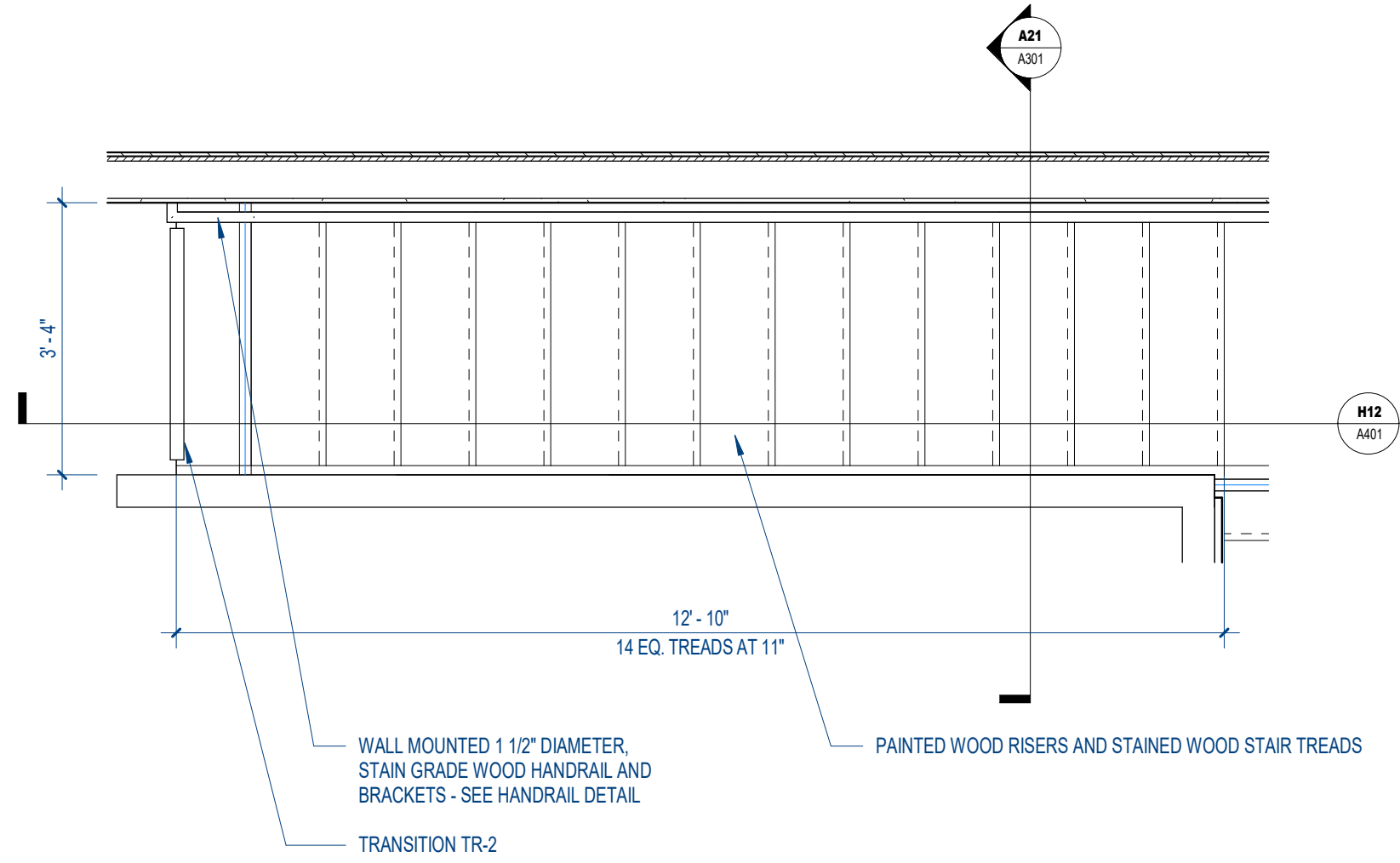
3/1/2024 2:42:55 PM



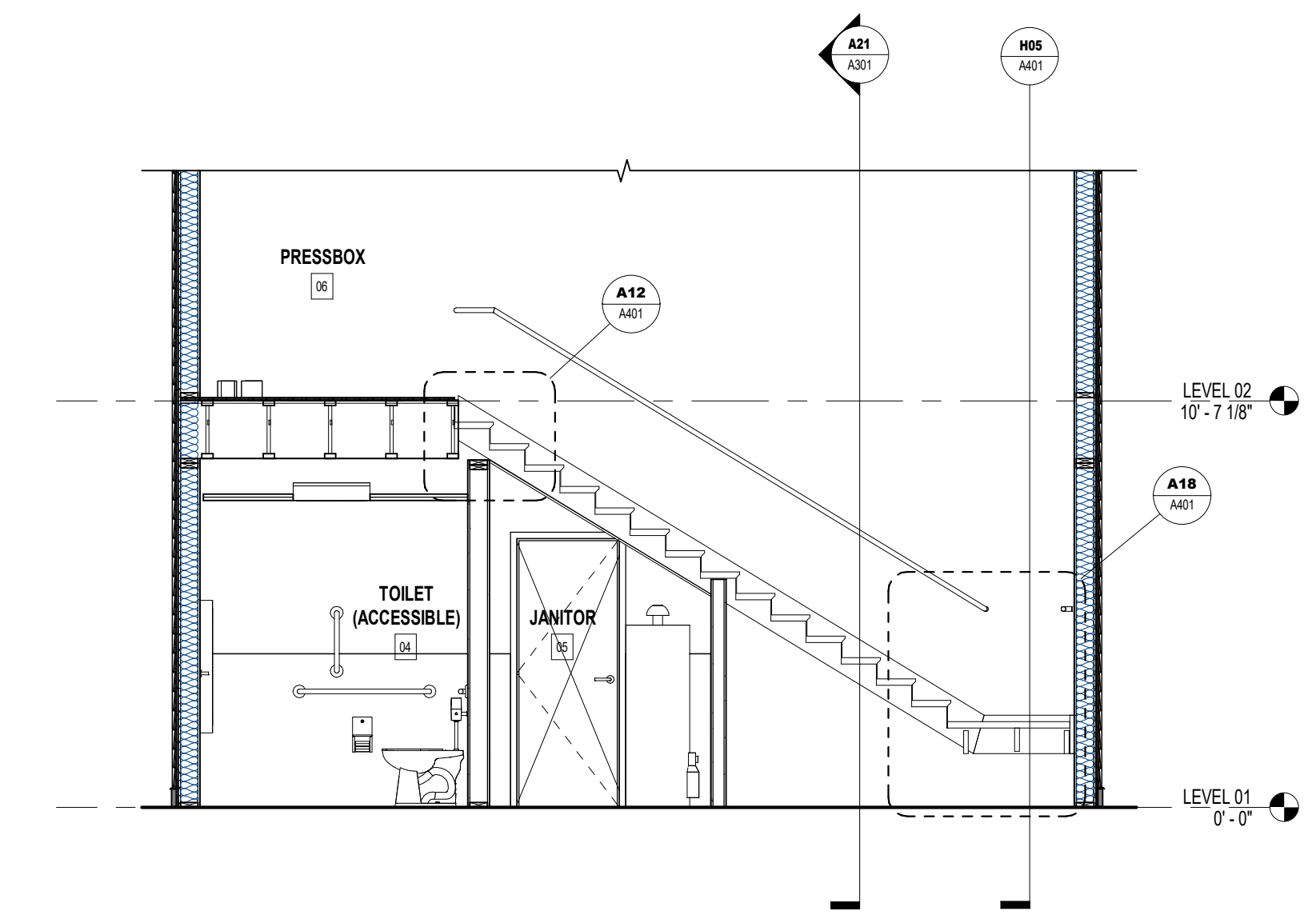
L18 HANDRAIL DETAIL
3" = 1'-0" VERTICAL CIRCULATION



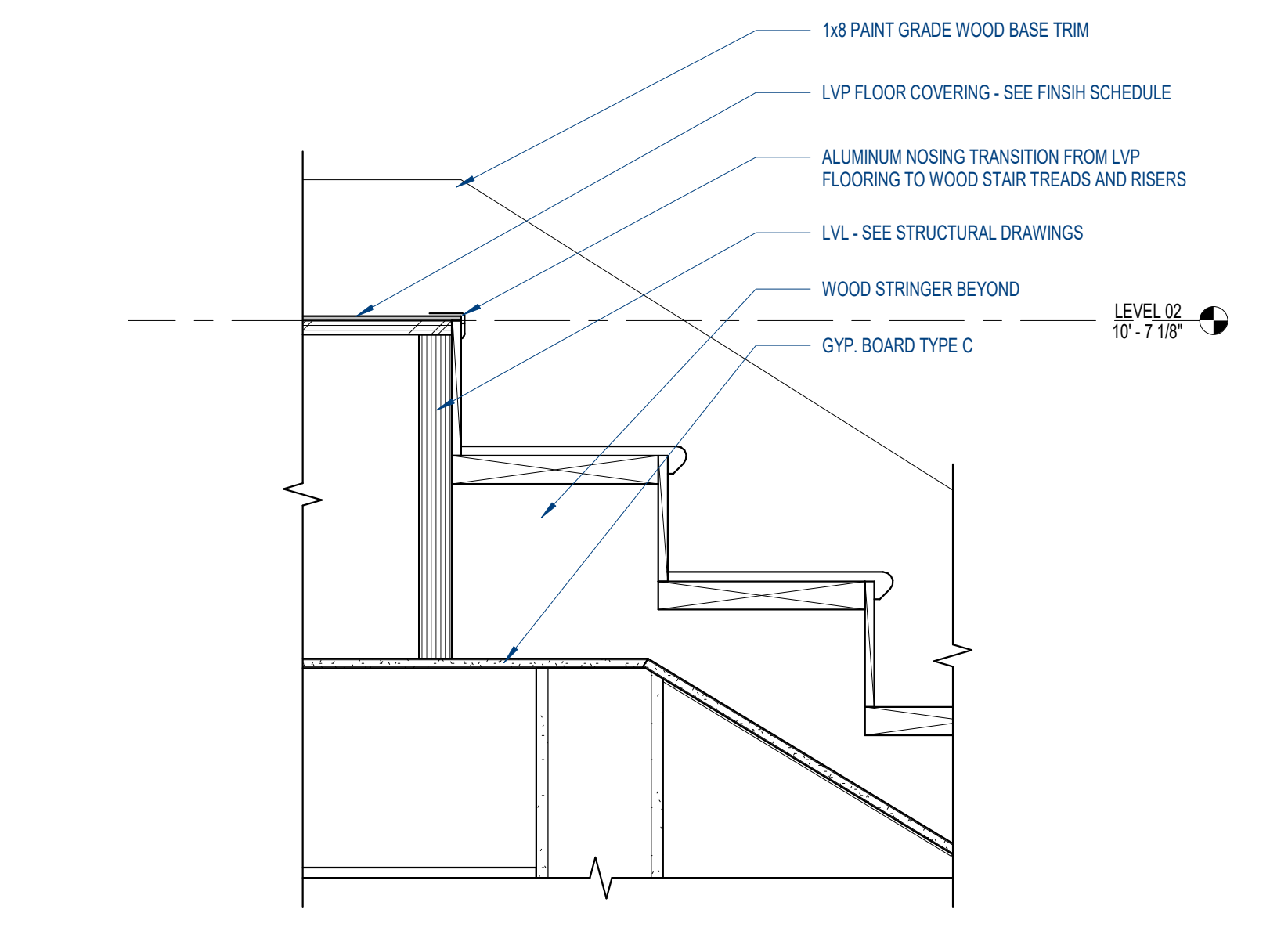
A18 STAIR DETAIL - INTERMEDIATE LANDING
1 1/2" = 1'-0" VERTICAL CIRCULATION



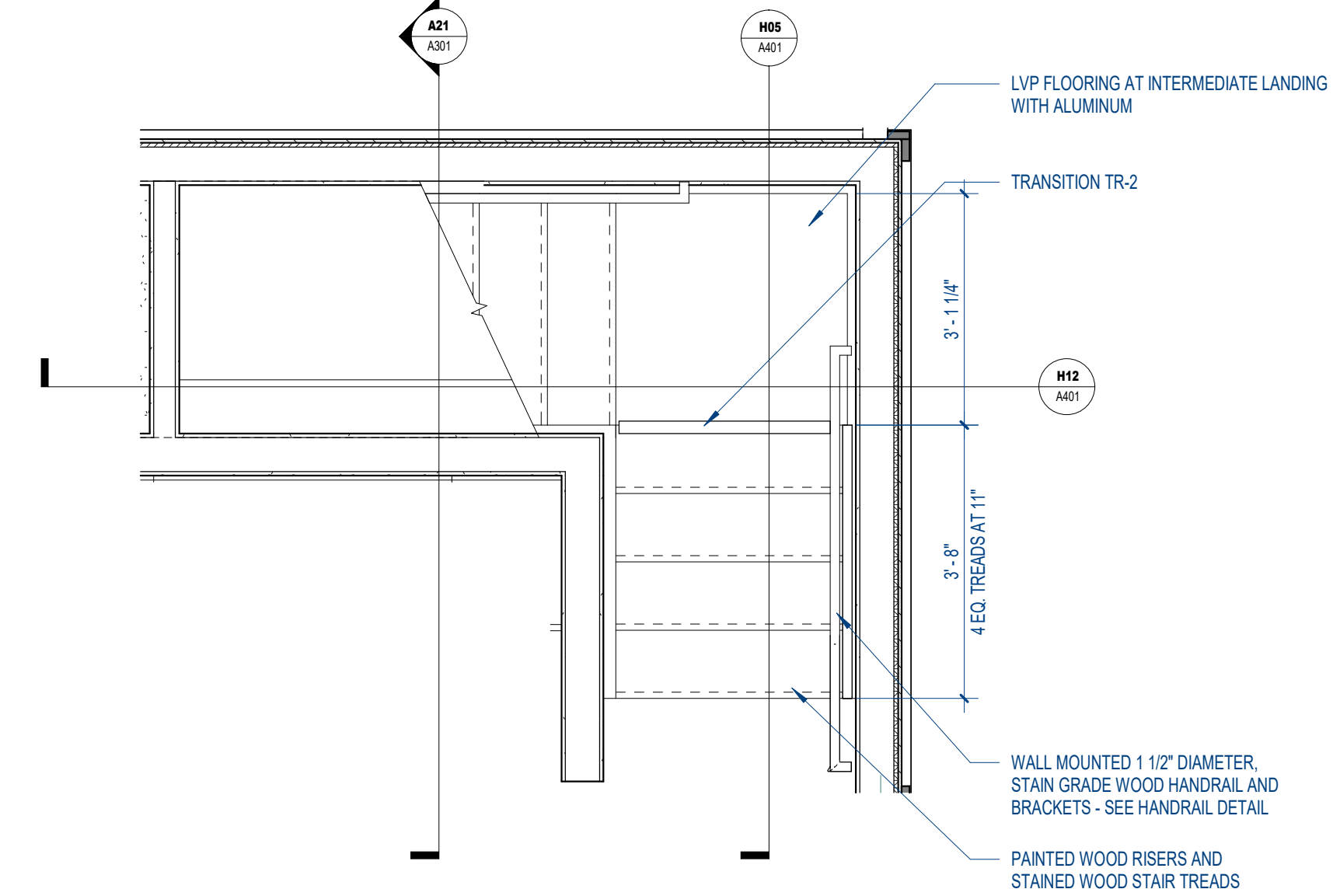
P12 STAIR PLAN - LEVEL 02
1/2" = 1'-0" VERTICAL CIRCULATION



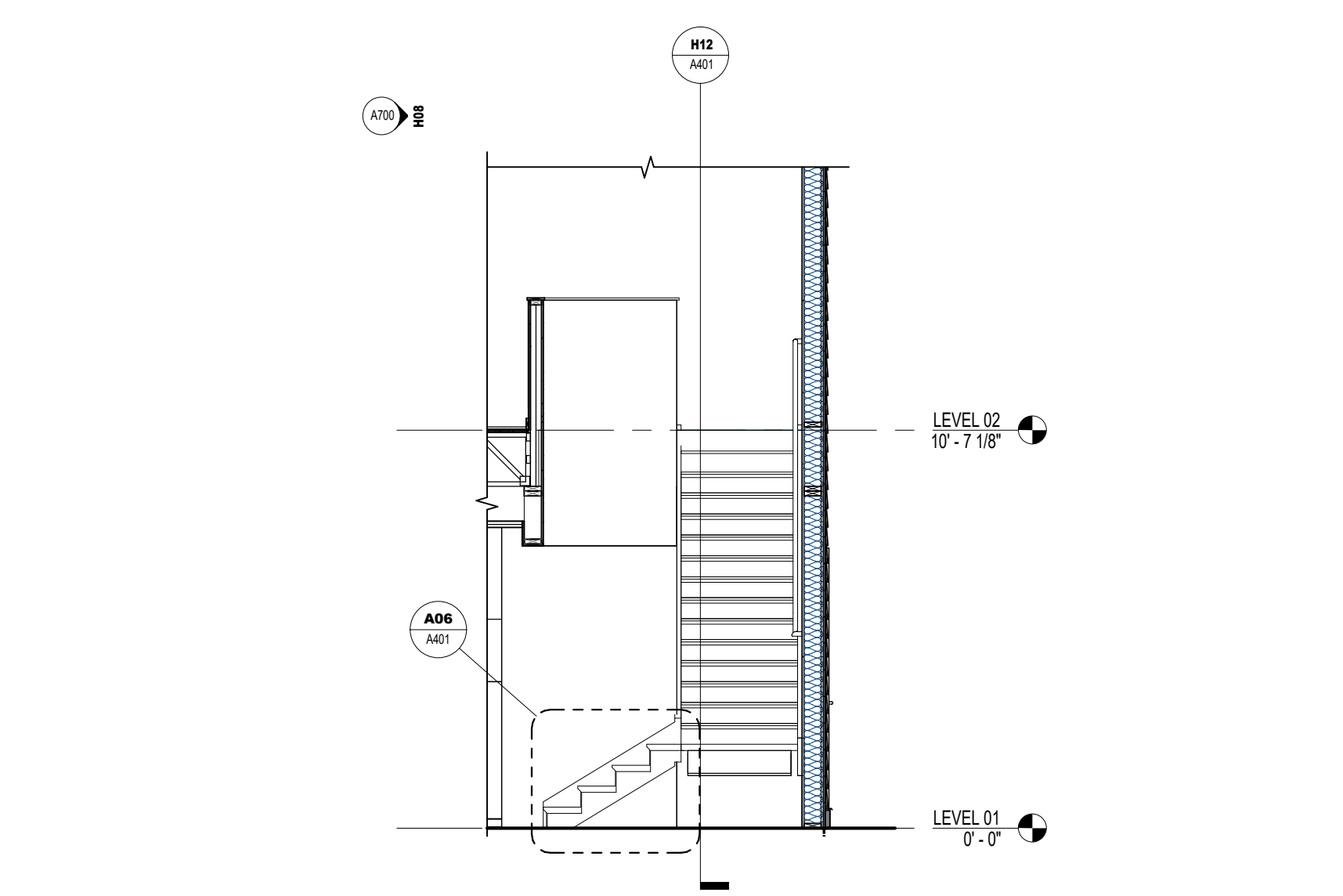
H12 STAIR SECTION
1/4" = 1'-0" VERTICAL CIRCULATION



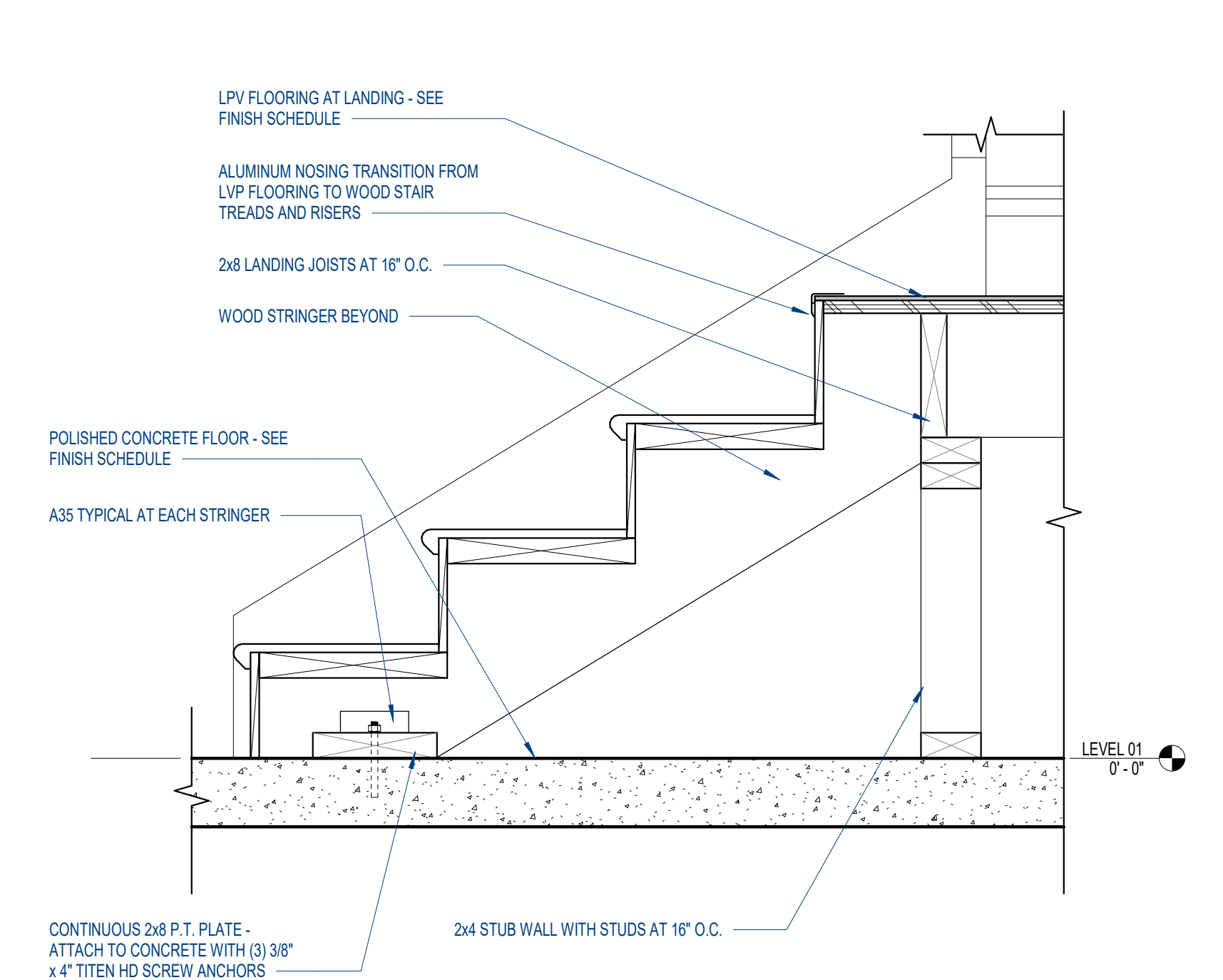
A12 STAIR DETAIL - SECOND FLOOR LANDING
1 1/2" = 1'-0" VERTICAL CIRCULATION



P06 STAIR PLAN - LEVEL 01
1/2" = 1'-0" VERTICAL CIRCULATION



H05 STAIR SECTION
1/4" = 1'-0" VERTICAL CIRCULATION



A06 STAIR DETAIL - FLOOR TO INTERMEDIATE LANDING
1 1/2" = 1'-0" VERTICAL CIRCULATION

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CONSTRUCTION DOCUMENTS FOR
CLINTON HS SOFTBALL CONCESSION BLDG
CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



NO.	ISSUED BY	DATE

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SHEET DESCRIPTION
VERTICAL CIRCULATION

A401
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021

INTERIOR SIGNAGE GENERAL NOTES

NOT TO SCALE

SIGNAGE SPECIFICATION GENERAL NOTES:

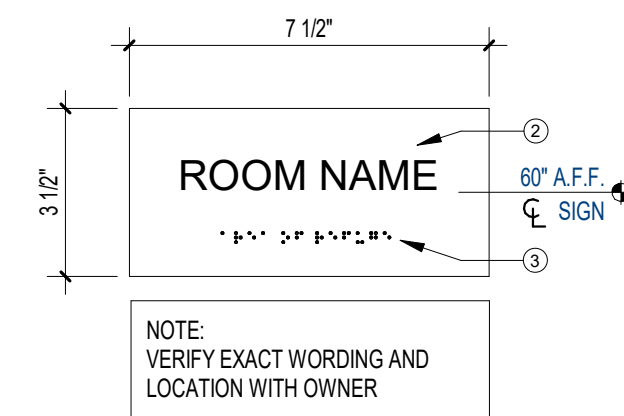
- A. VERIFY APPLICABLE SIGN LOCATION AND QUANTITIES WITH FIRE DEPARTMENT.
- B. PROVIDE EXIT SIGNS AS REQUIRED BY IBC §1011.1

SIGNAGE SPECIFICATIONS LEGEND:

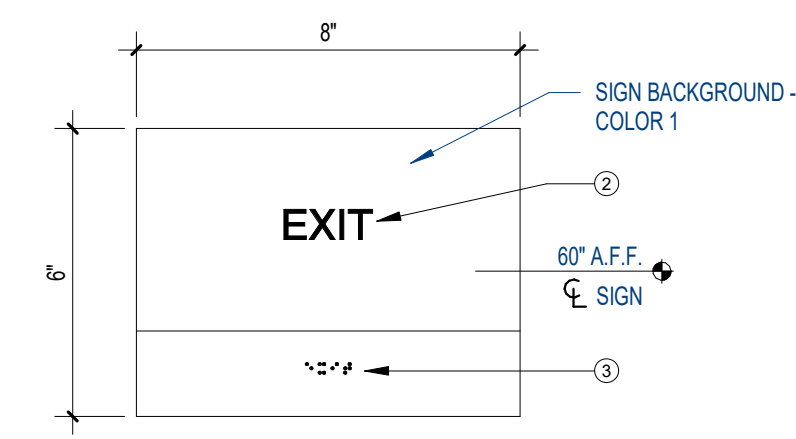
- ① 1/32" RAISED PICTOGRAM, BORDER DIMENSION 6" MIN. IN HEIGHT
- ② VERBAL DESCRIPTION OF PICTOGRAM PLACED DIRECTLY BELOW CHARACTERS MUST BE 1/32" RAISED UPPER CASE SANS SERIF TYPE LETTERING AT LEAST 5/8" HIGH AND A MAXIMUM OF 2" HIGH
- ③ GRADE 2 BRAILLE FOR VERBAL DESCRIPTION
- ④ INTERNATIONAL SYMBOL OF ACCESSIBILITY

SIGNAGE SPECIFICATION GENERAL NOTES:

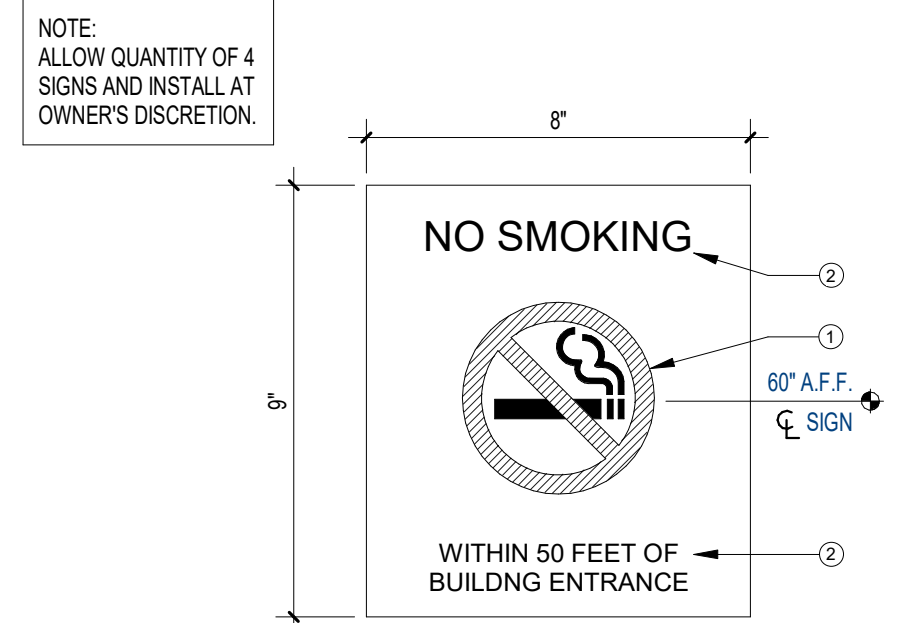
- 1. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10
- 2. THE CHARACTERS AND BACKGROUND OF SIGN SHALL BE EGGSHELL, MATTE OR OTHER NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND - EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND
- 3. SIGN LOCATION: EDGE OF SIGN MUST BE WITHIN 3" OF DOOR FRAME. CL OF SIGN MUST BE MOUNTED AT 60" A.F.F. MOUNTING LOCATION SHALL BE SO THAT A PERSON CAN APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR



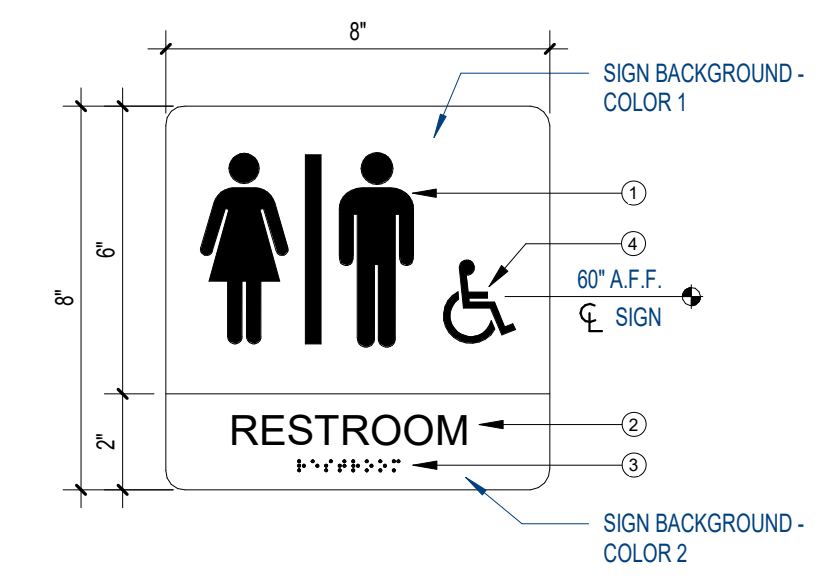
E ROOM NAME
NOT TO SCALE



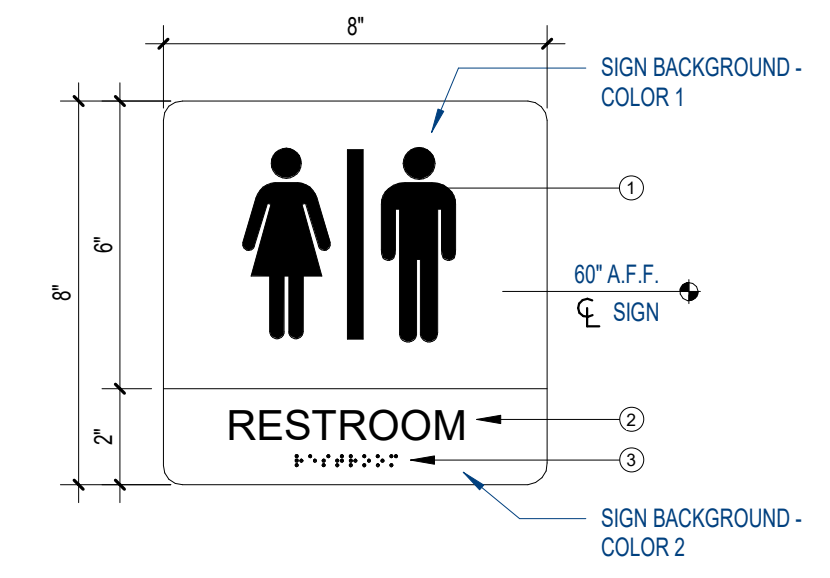
D EXIT - SMALL
NOT TO SCALE



C NO SMOKING WITHIN 50 FEET
NOT TO SCALE



B ADA UNISEX RESTROOM
NOT TO SCALE



A NON ACCESSIBLE UNISEX RESTROOM
NOT TO SCALE



CONSTRUCTION DOCUMENTS FOR
CLINTON HS SOFTBALL CONCESSION BLDG
CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN



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SHEET DESCRIPTION
SIGNAGE

A701
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021

ITEM	DESCRIPTION	SPECIFICATION
W1	WATER CLOSET (ADA) FLUSH VALVE SEAT	ZURN, Z5665-BWL1 1.6, 1.28 OR 1.1GPF ADA SIPHON JET FLUSH ACTION FLOOR MOUNTED ADA HEIGHT WATER CLOSET WITH 2-1/8" FULLY GLAZED TRAPWAY ZURN, Z6000AV-WS1 AQUAVANTAGE MANUAL OPERATED FLUSH VALVE 1.6 GPF CLOG RESISTANT TRIPLE FILTERED BY-PASS, DUAL SEAL AND CHLORAMINE RESISTANT INTERNAL PARTS. ZURN, Z59555S-EL-ST5 ELONGATED WHITE OPEN FRONT TOILET SEAT LESS COVER WITH SELF SUSTAINING STAINLESS STEEL CHECK HINGE
W2	WATER CLOSET FLUSH VALVE SEAT	ZURN, Z5665-BWL1 1.6, 1.28 OR 1.1GPF SIPHON JET FLUSH ACTION FLOOR MOUNTED STANDARD HEIGHT WATER CLOSET WITH 2-1/8" FULLY GLAZED TRAPWAY ZURN, Z6000AV-WS1 AQUAVANTAGE MANUAL OPERATED FLUSH VALVE 1.6 GPF CLOG RESISTANT TRIPLE FILTERED BY-PASS, DUAL SEAL AND CHLORAMINE RESISTANT INTERNAL PARTS. ZURN, Z59555S-EL-ST5 ELONGATED WHITE OPEN FRONT TOILET SEAT LESS COVER WITH SELF SUSTAINING STAINLESS STEEL CHECK HINGE
L	LAVATORY (ADA) FAUCET DRAIN SUPPLIES P-TRAP THERMOSTATIC MIXING VALVE TRAP WRAP CARRIER	ZURN, Z5344 20"x18" WALL HUNG 4"CC VITREOUS CHINA CONCEALED ARM LAVATORY ZURN, Z7440-XL-FC SIERRA SINGLE HANDLE 4CC LAVATORY FAUCET WITH .5GPM AERATOR AND CERAMIC DISK CARTRIDGE ZURN, Z8746-PC 1-1/4" CHROME PLATED CAST BRASS 17GA OFFSET GRID DRAIN ZURN, Z8804-XL-8860-20-LRQ-PC 1/2" X 3/8" COMP X COMP LAVATORY SUPPLY KIT WITH ESCUTCHEONS, 1/4 TURN CHROME PLATED STOPS AND 20 INCH BRAIDED STAINLESS STEEL SUPPLY LINES ZURN, Z8700-PC 1-1/4" CAST BRASS 17GA P-TRAP WITH CLEANOUT SYMMONS, 8-210-CK MAXLINE 3/8" THERMOSTATIC ASSE 1017/1070 MIXING VALVE ZURN, Z8946-3-NT COMBINATION TRAP WRAP KIT WITH ONE OFFSET TRAP AND TWO SUPPLY PROTECTION WRAPS PROVIDE WITH APPROPRIATE APPROVED ZURN CARRIER
S	SINK (ADA) FAUCET DRAIN GARBAGE DISPOSAL P-TRAP SUPPLIES CONTINUOUS WASTE	ELKAY, LRAD331965 LUSTERTONE 2 BOWL 18GA STAINLESS STEEL 33" X 19-1/2" X 6-1/2" DROP IN SINK SYMMONS, S-23-2 ORIGINS 8"CC FAUCET WITH INTEGRAL 8-3/4" CAST SWING SPOUT, 1.5GPM AERATOR, CERAMIC DISK CARTRIDGE, METAL SINGLE LEVER HANDLE AND MATCHING SIDE SPRAY ZURN, Z8741-PC HEAVY DUTY BASKET STRAINER WITH CAST BRASS LOCK AND COUPLING NUT 1/2 HP INSINKERATOR GARBAGE DISPOSAL ZURN, Z8702-PC 1-1/2" CAST BRASS 17 GAUGE P-TRAP WITH CLEANOUT ZURN, Z8804-XL-8860-20-LRQ-PC 1/2" X 3/8" COMP X COMP LAVATORY SUPPLY KIT WITH ESCUTCHEONS, 1/4 TURN CHROME PLATED STOPS AND 20 INCH BRAIDED STAINLESS STEEL SUPPLY LINES ZURN, Z8751 1-1/2" 20 GAUGE CONTINUOUS WASTE END OUTLET WITH CAST BRASS TEE
SS	SINK FAUCET	ZURN, Z1996-24-BV-24-HH-MH-WG 24" X 24" MOLDED COMPOSITE FLOOR SERVICE SINK WITH STAINLESS STEEL STRAINER, WALL GUARDS, AND VINYL BUMPER GUARD ZURN, Z841M1-RC SERVICE SINK FAUCET WITH 6" VACUUM BREAKER SPOUT, LEVER HANDLES, PAIL HOOK AND WALL BRACE
WH	WALL HYDRANT	ZURN, Z1321 FREEZE PROOF, LOOSE KEY STYLE EXPOSED HOSE BIBB WITH INTEGRAL VACUUM BREAKER
FD	FLOOR DRAIN TRAP SEAL	ZURN, ZN415-5B21 FLOOR OR SHOWER DRAIN, DURA-COATED CAST IRON BODY, 5" ROUND POLISHED NICKEL BRONZE STRAINER, PROTECTIVE STRAINER COVER TO PROTECT DURING CONCRETE POUR, POST POUR HEIGHT ADJUSTMENT AND LEVELING SHIMS TO CORRECT TILT ZURN, Z1072 ZSHIELD BARRIER TRAP SEAL DEVICE
FCO	FLOOR CLEANOUT	ZURN, ZN1400-B21 DURA-COAT CAST IRON ADJUSTABLE CLEANOUT, NICKEL BRONZE TOP, PROTECTIVE STRAINER COVER TO PROTECT DURING CONCRETE POUR, POST POUR HEIGHT ADJUSTMENT AND LEVELING SHIMS TO CORRECT TILT
GCO	GROUND CLEANOUT	ZURN, Z1400-B21 DURA-COAT CAST IRON ADJUSTABLE CLEANOUT, CAST IRON TOP, PROTECTIVE STRAINER COVER TO PROTECT DURING CONCRETE POUR, POST POUR HEIGHT ADJUSTMENT AND LEVELING SHIMS TO CORRECT TILT

PLUMBING SPECIFICATIONS

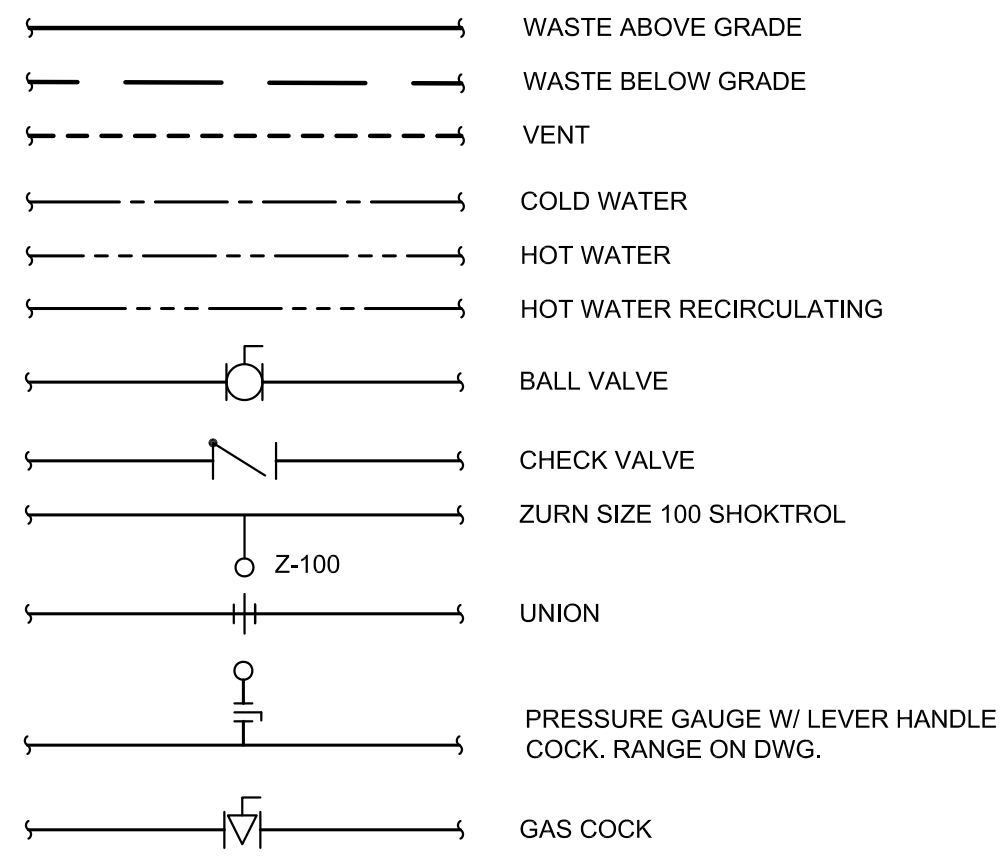
- FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE PLUMBING SYSTEM AS INDICATED AND SPECIFIED ON THE DRAWINGS.
- WORK SHALL COMPLY WITH THE INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LAWS, ORDINANCES & CODES OF THE STATE OF TENNESSEE, LOCAL AUTHORITIES HAVING JURISDICTION AND WITH APPLICABLE RULES & REGULATIONS.
- OBTAIN ALL PERMITS & INSPECTIONS REQUIRED FOR THE COMPLETION OF THE WORK & PAY ALL FEES & COSTS IN CONNECTION THEREWITH.
- THE PLUMBING DRAWINGS ARE GENERALLY DIAGRAMMATIC AND UNLESS SPECIFICALLY DIMENSIONED, THE LOCATIONS OF FIXTURES AND EQUIPMENT AND THE ROUTING OF PIPING IS APPROXIMATE ONLY AND SHALL NOT BE SCALED FROM THE PLUMBING DRAWINGS.
- INSTALL ALL EQUIPMENT AND FIXTURES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- THE BUILDING IS ASSIGNED TO SEISMIC DESIGN CATEGORY C, RISK CATEGORY II. THEREFORE, THE PLUMBING COMPONENTS ARE EXEMPTED FROM SEISMIC REVIEW. VERIFY WITH THE ARCHITECT.
- INTERIOR SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 PVC SOLID WALL-DWV ASSEMBLED WITH SOLVENT WELD JOINTS.
- THE TOP OF ANY BELOW SLAB PIPING SHALL BE NO LESS THAN 2" FROM THE BOTTOM OF THE SLAB.
- INSTALL CLEANOUTS IN ACCESSIBLE LOCATIONS AT BASE OF ALL SOIL AND WASTE STACKS AND ELSEWHERE AS INDICATED ON THE DRAWINGS.
- THE UNDERGROUND DOMESTIC WATER SERVICE PIPE TO THE BUILDING SHALL BE SOFT DRAWN COPPER, TYPE "K", ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS.
- ABOVE GRADE DOMESTIC WATER PIPING SHALL BE HARD DRAWN COPPER, TYPE "L" PIPING ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. CONNECTIONS OF COPPER PIPE TO FERROUS PIPE SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.
- BELOW GRADE DOMESTIC WATER PIPING LOCATED INSIDE THE BUILDING SHALL BE SOFT DRAWN COPPER, TYPE "K", ASSEMBLED WITH WROUGHT COPPER SOLDER FITTINGS. THERE SHALL BE NO FITTINGS BELOW GRADE.
- DOMESTIC WATER PIPING MAY BE CROSSLINKED POLYETHYLENE PE-XA AS MANUFACTURED BY REHAU. FITTINGS SHALL BE AS RECOMMENDED BY THE PEX MANUFACTURER. PIPE SIZES ARE BASED UPON COPPER, INCREASE SIZES AS RECOMMENDED BY THE MANUFACTURER. ALL STUB OUTS SHALL BE PEX TO COPPER WITH WALL MOUNTING PLATE OR BRACKET.
- ALL COLD WATER, HOT WATER AND HOT WATER RECIRCULATING LINES SHALL BE INSULATED WITH ARMAFLEX, OR EQUAL, WITH A FLAME SPREAD AND SMOKE DEVELOPED RATING NOT EXCEEDING 25 AND 50 RESPECTIVELY

COLD WATER
1/2" TO 1 1/2" PIPE - 1/2" THICK INSULATION
1 1/2" TO 8" PIPE - 1" THICK INSULATION

HOT WATER & HOT WATER RECIRCULATING
1/2" TO 1 1/2" PIPE - 1" THICK INSULATION
1" TO 8" PIPE - 1 1/2" THICK INSULATION

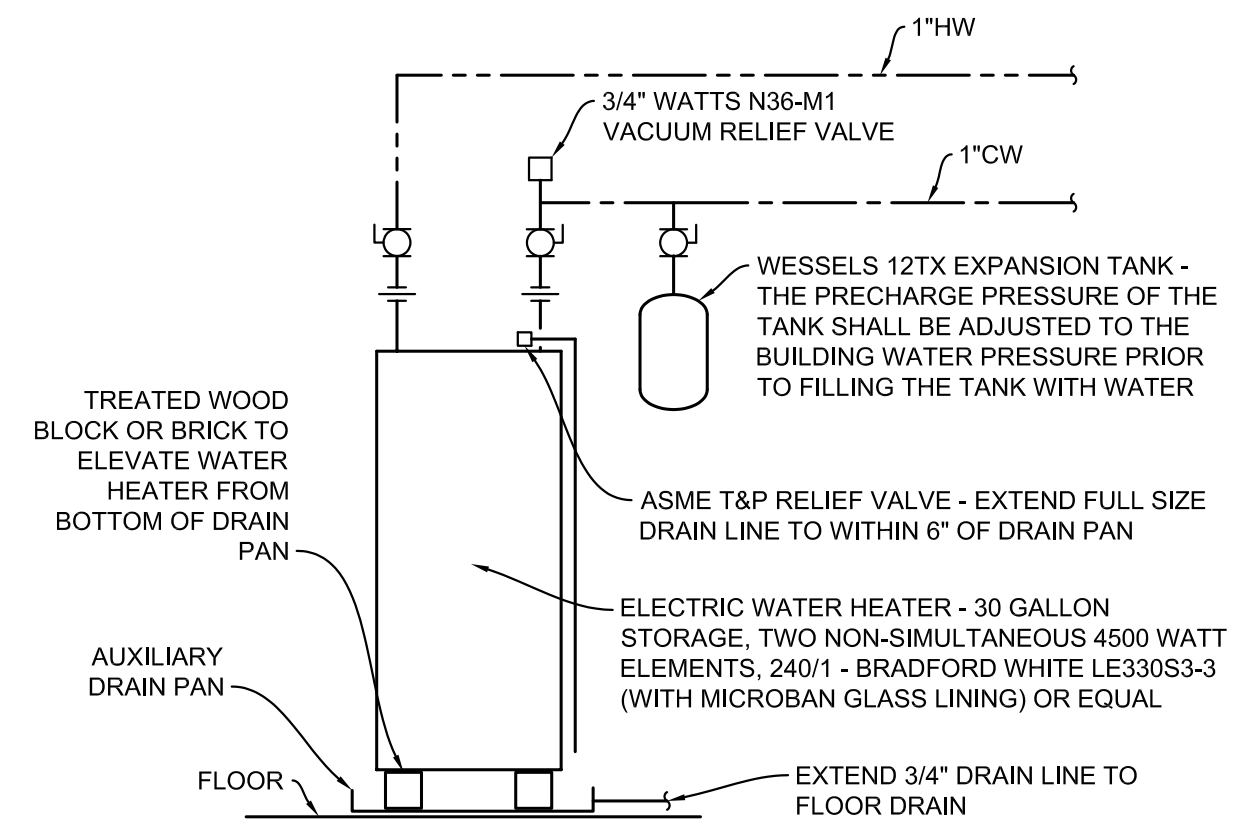
- ALL COLD WATER PIPING IN OUTSIDE WALLS OR WALLS ADJACENT TO AN UNHEATED SPACE SHALL BE INSULATED AS SPECIFIED WITH A MINIMUM OF 1" THICKNESS.
- DUAL CHECK VALVES SHALL BE ZURN 700XL.
- WATER HAMMER ARRESTERS SHALL BE PROVIDED WHERE CALLED FOR ON THE DRAWINGS AND BE ZURN SERIES Z-1700 SHOKTROL, OR EQUAL WITH NESTING TYPE BELLOW. THE CASING AND BELLOW SHALL BE CONSTRUCTED OF TYPE 304 STAINLESS STEEL. SHOKTROL TO BE THE SIZE INDICATED ON THE DRAWINGS WITH THREADED CONNECTIONS - NOT SWEAT. WHERE POSSIBLE, SHOKTROLS SHALL BE LOCATED ABOVE LAY-IN CEILING. IF LOCATING THE SHOKTROL ABOVE A LAY-IN CEILING IS NOT POSSIBLE, AN ACCESS PANEL SHALL BE PROVIDED FOR ACCESS IN THE WALL.
- ALL EMERGENCY FLOOR DRAINS AND HUB DRAINS SHALL BE PROVIDED WITH A TRAP PRIMER OR PROSET TRAP GUARD. VERIFY WITH AHJ.
- FIRE STOPPING SYSTEM SHALL BE PROVIDED AND INSTALLED THROUGH ALL FIRE RATED WALLS, CEILINGS, FLOORS, PARTITIONS OR CONSTRUCTION.
- FURNISH AND INSTALL ALL ROUGHING-IN CONNECTIONS FOR ALL EQUIPMENT FURNISHED BY OTHERS REQUIRING WATER, DRAINS, ETC. THE EQUIPMENT MANUFACTURER SHALL FURNISH TO THE CONTRACTOR, SHOP DRAWINGS SHOWING SIZE AND LOCATION OF SERVICE REQUIRED. ROUGHING-IN SHALL BE IN ACCORDANCE WITH THESE DRAWINGS.
- LAVATORY AND SINK STRAINERS AND TAILPIECES SHALL BE OFFSET MEETING ADA REQUIREMENTS WHERE REQUIRED TO ACCOMMODATE CASEWORK. REFER TO ARCHITECTURAL DRAWINGS FOR CASEWORK DETAILS.
- SUBMIT TO THE ARCHITECT FOR APPROVAL, 10 DAYS AFTER RECEIPT OF NOTICE TO PROCEED WITH THE WORK, A COMPLETE LIST OF MATERIALS, EQUIPMENT AND ACCESSORIES PROPOSED FOR USE, INCLUDING COMPLETE DESCRIPTIONS AND SPECIFICATIONS OF ANY PROPOSED SUBSTITUTIONS, MANUFACTURER'S SHOP DRAWINGS, ROUGHING-IN DRAWINGS, AND ANY OTHER INFORMATION REQUIRED FOR THE PROPER INSTALLATION OF THE WORK. SUBMITTALS SHALL BE IN PDF FORMAT (NO PAPER COPIES).
- AFTER THE WATER SYSTEM HAS BEEN TESTED FOR LEAKS AND BEFORE THE SYSTEM HAS BEEN PLACED IN USE, INTRODUCE HTH SOLUTION, CHLORINE GAS, OR OTHER SIMILAR CHLORINATING AGENT IN SUFFICIENT QUANTITY TO PRODUCE A RESIDUAL OF 100 PPM THROUGHOUT THE ENTIRE SYSTEM AND ALLOW TO STAND AND THUS FILLED FOR 24 HOURS. AFTER THE 24 HOURS PERIOD, FLUSH CLEAN WATER THROUGHOUT THE PIPING SYSTEM UNTIL ALL NOTICEABLE TRACE OF CHLORINE GAS HAS DISAPPEARED. VERIFY PROCEDURES AND TESTING REQUIREMENTS WITH THE PUBLIC HEALTH AGENCY HAVING JURISDICTION.
- THE WORK SHALL BE GUARANTEED AGAINST ALL DEFECTIVE MATERIALS & WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE. THE CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS WITHOUT COST TO THE OWNER.

PLUMBING LEGEND

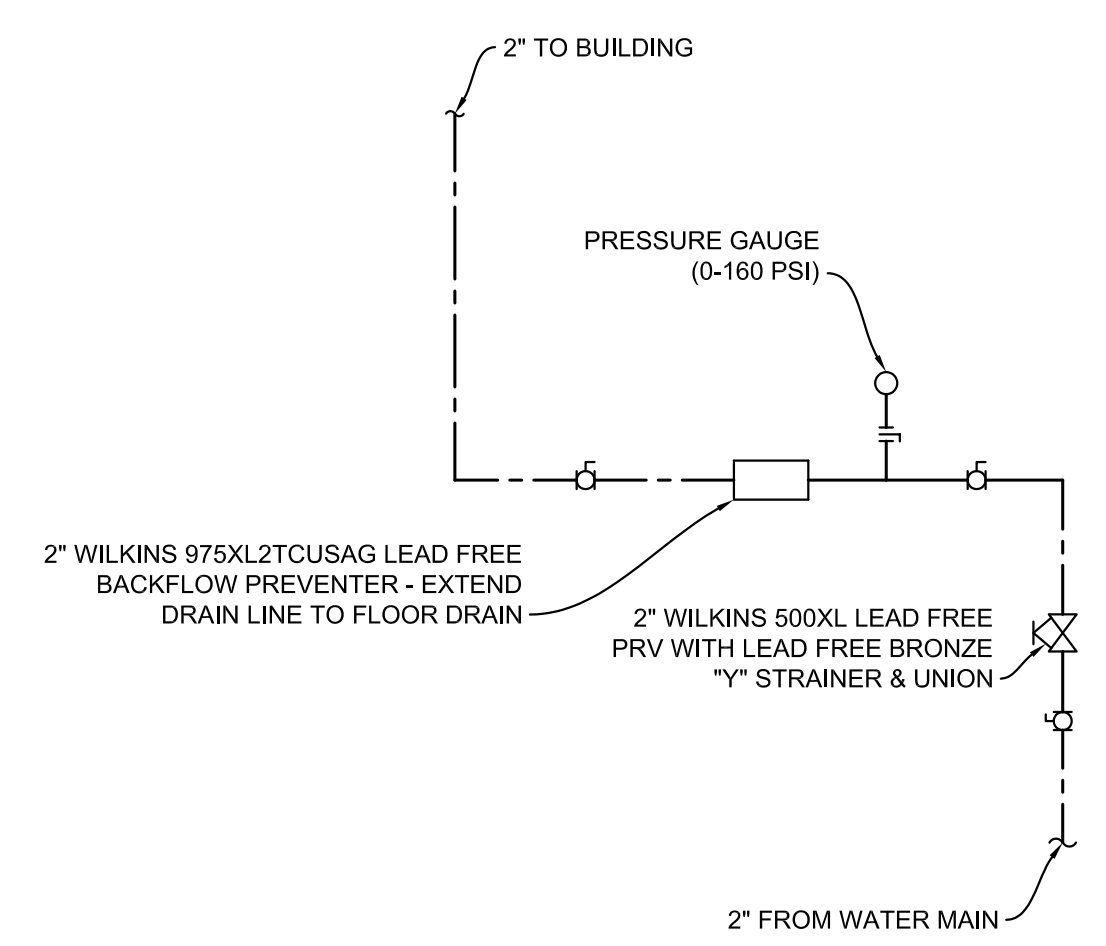


PLUMBING SYMBOLS

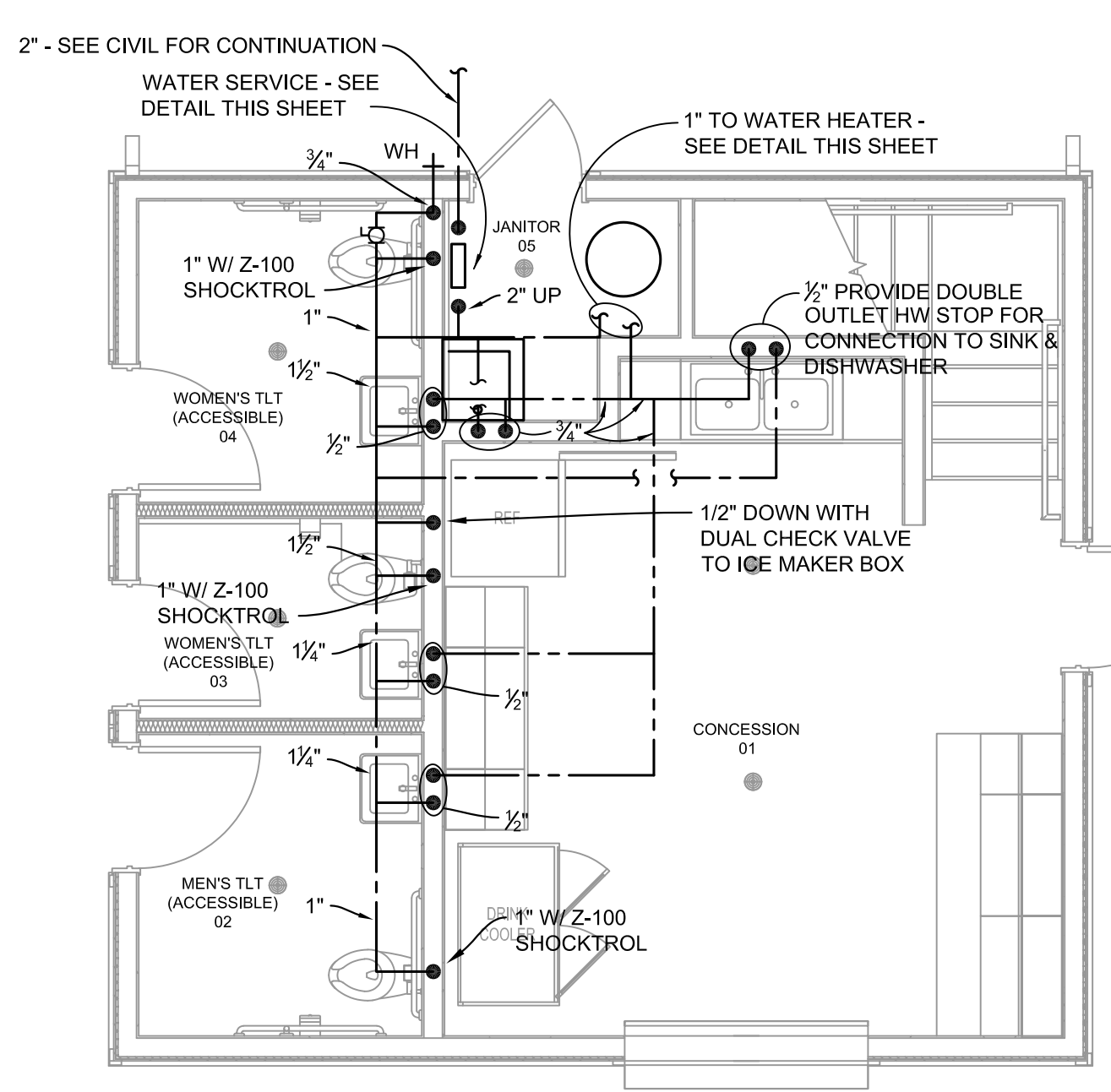
- V VENT
- UV UNDER FLOOR VENT
- VS VENT STACK
- VTR VENT THRU ROOF
- WS WASTE STACK
- CO CLEAN OUT
- WH WALL HYDRANT
- Z/3 2" VS/3"WS
- FD FLOOR DRAIN



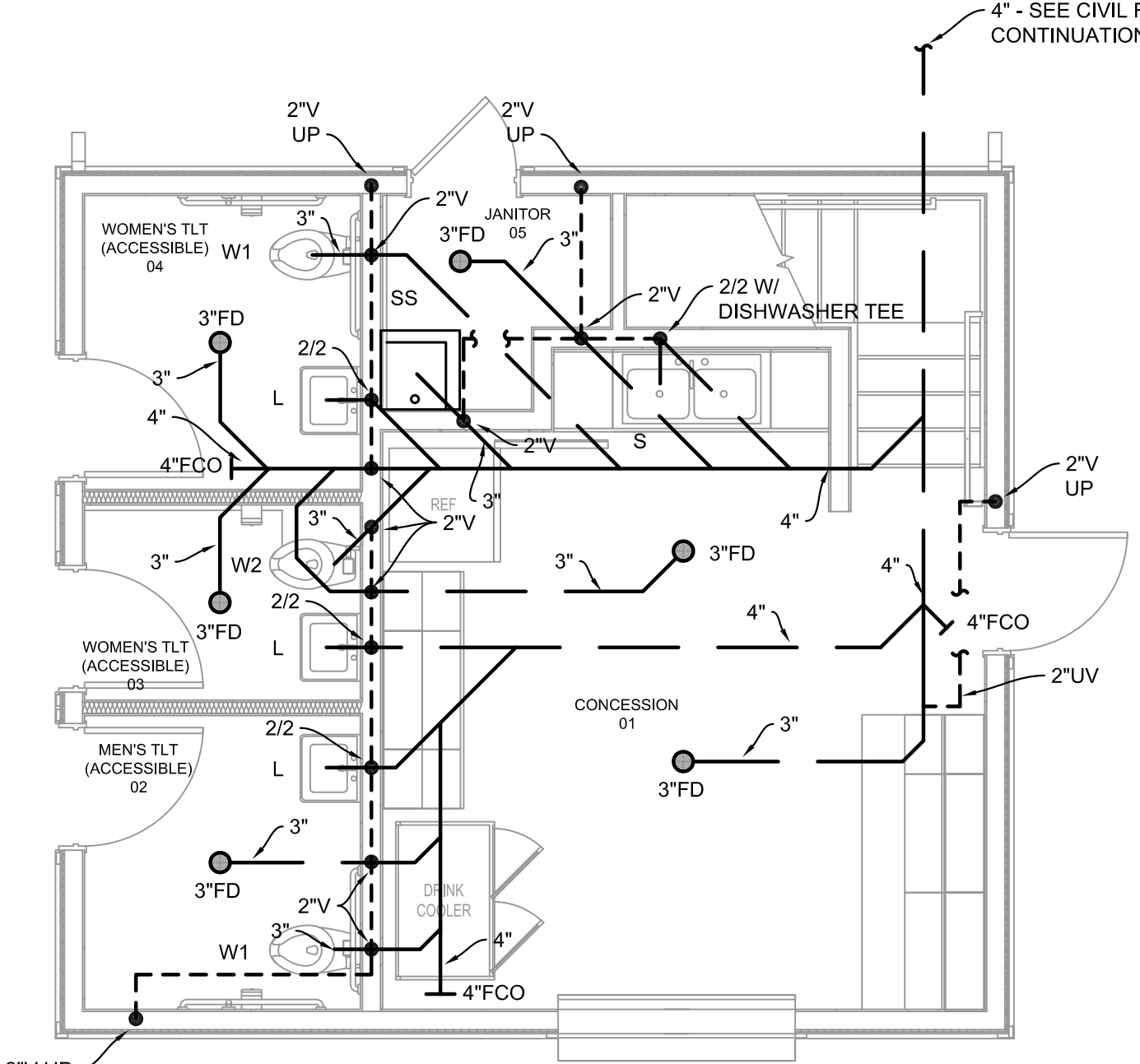
WATER HEATER PIPING DIAGRAM
N.T.S.



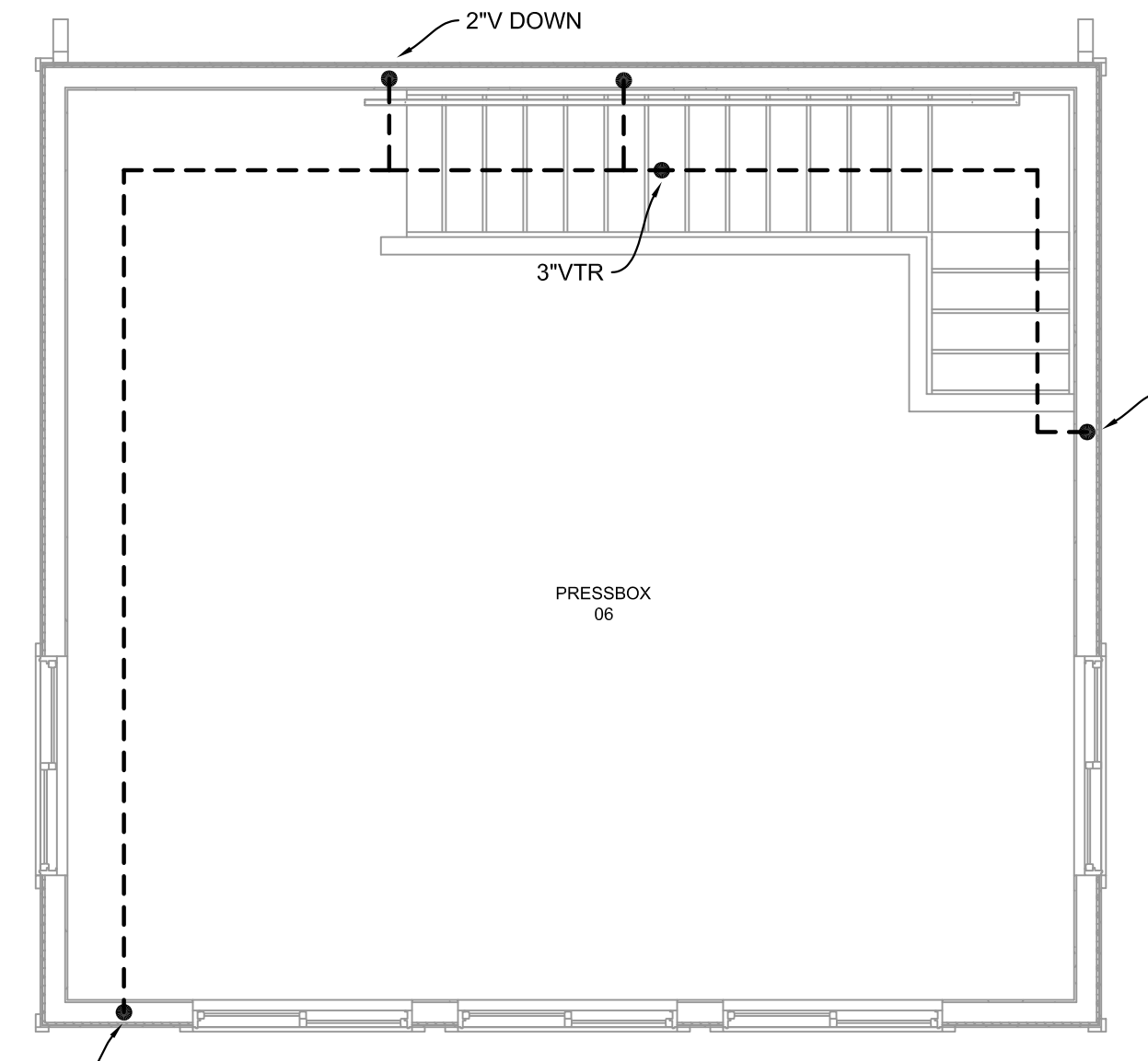
WATER SERVICE DETAIL
N.T.S.



FIRST FLOOR PLAN - WATER
1/4"=1'-0"

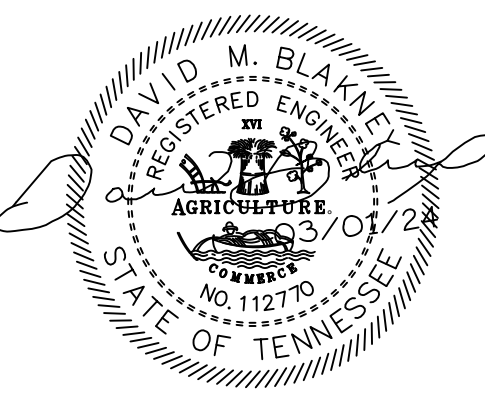


FIRST FLOOR PLAN - WASTE
1/4"=1'-0"



SECOND FLOOR PLAN - WASTE
1/4"=1'-0"

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SCHEMATIC DESIGN FOR
CLINTON HS SOFTBALL CONCESSION BLDG
CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN

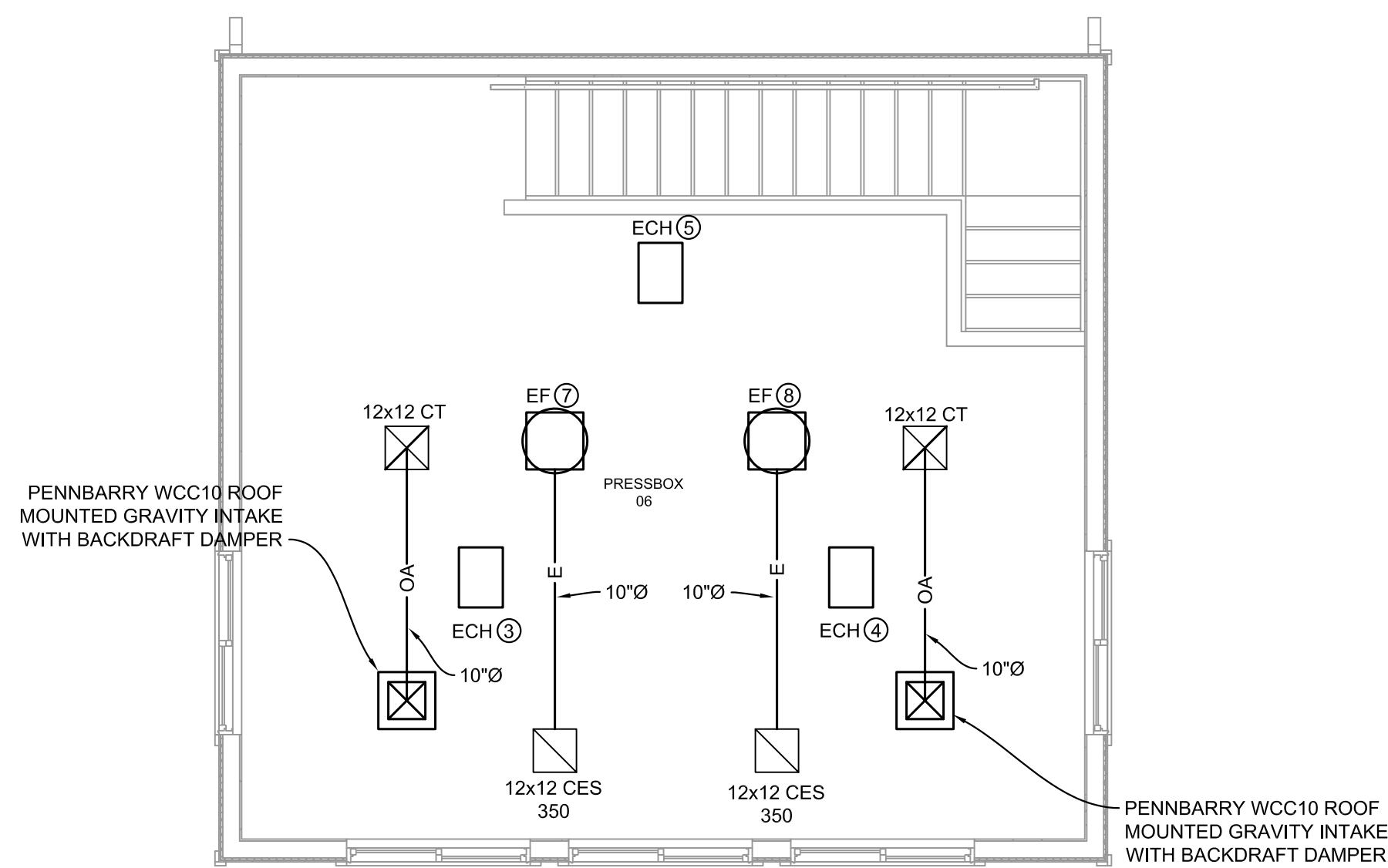


NO.	ISSUED BY	DATE

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SHEET DESCRIPTION
WASTE & WATER

P101
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021



SECOND FLOOR PLAN - HEAT & VENTILATION

1/4"=1'-0"

EXHAUST FAN (EF) SCHEDULE

MARK	CFM	EXT. STATIC (INCHES W.G.)	HP (WATTS)	RPM	MAX SONES	WEIGHT (LBS)	VOLTS/PHASE	PENNBARRY MODEL
① ② ③ ④	70	0.3	(60 WATTS)	1090	2.2	15	115/1	ZT-SC
⑤ ⑥	240	0.4	(130 WATTS)	1252	2.92	20	115/1	Z8H-INLINE-SC
⑦ ⑧	350	0.3	1/6	1527	6.44	50	115/1	DX10R-SC

NOTES:

1. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT
2. EXHAUST FANS SHALL BE FURNISHED WITH WALL SWITCH, BACKDRAFT DAMPER, & SPEED CONTROLLER
3. EF-7 & EF-8 SHALL BE FURNISHED WITH ROOF CURB FOR SLOPED ROOF

ELECTRIC WALL HEATER (EWH) SCHEDULE

MARK	WATTS	VOLTS/PHASE	MFR MODEL
① ② ③ ④	1500	120-1	MARKEL SERIES 305 WALL HEATER

NOTES:

1. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT
2. HEATER SHALL BE FURNISHED WITH BUILT-IN TAMPER PROOF THERMOSTAT.
3. HEATER SHALL BE FURNISHED DISCONNECT SWITCH & OVERHEAT PROTECTION

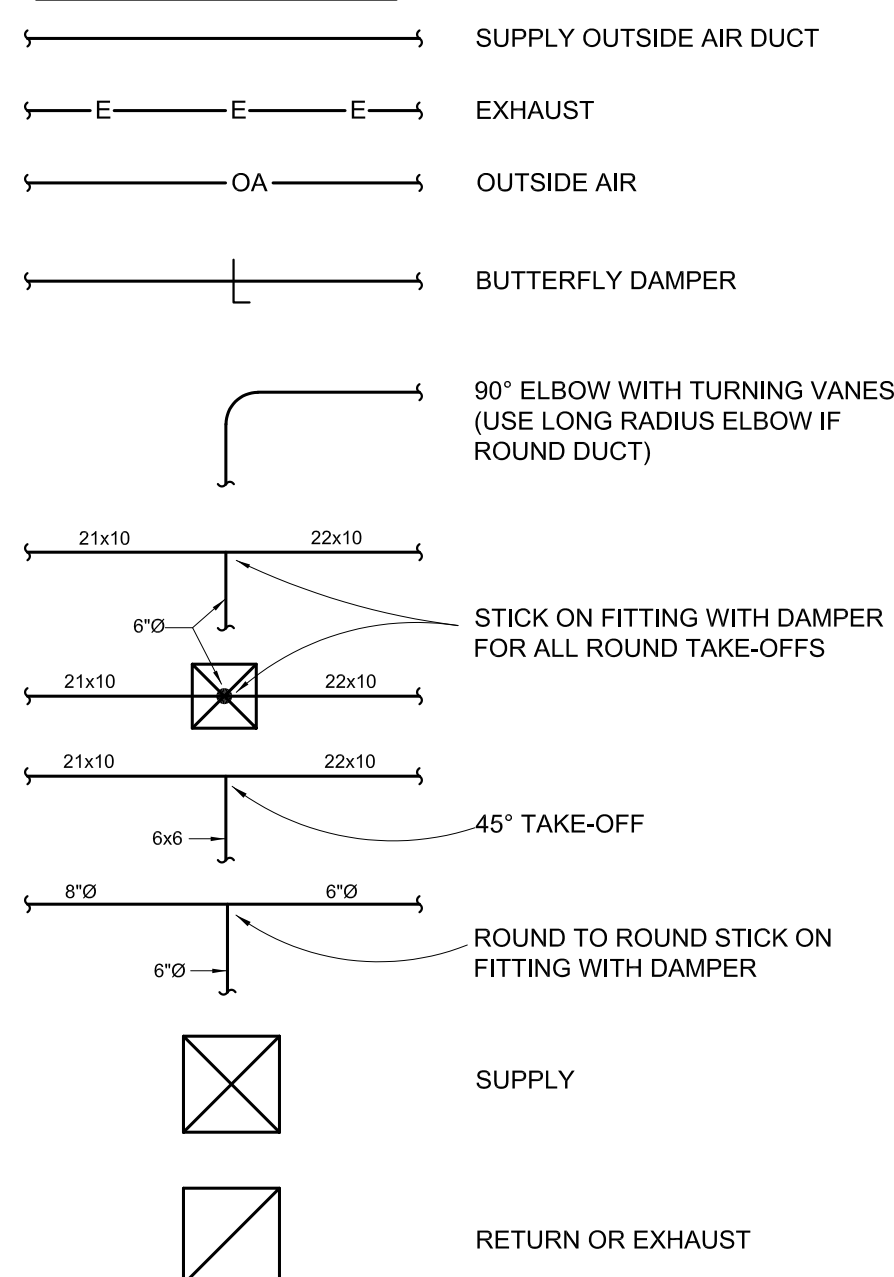
ELECTRIC CEILING HEATER (ECH) SCHEDULE

MARK	WATTS	VOLTS/PHASE	MFRG & MODEL NO.
① ② ⑤	3000	240-1	MARKEL SERIES 3380
③ ④	2000	240-1	MARKEL SERIES 3380

NOTES:

1. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT
2. PROVIDE MANUFACTURER'S MOUNTING BRACKETS
3. PROVIDE INTEGRATED THERMOSTATS OR WALL MOUNTED THERMOSTATS (VERIFY WITH OWNER), IF WALL MOUNTED THERMOSTATS, VERIFY EXACT LOCATION WITH OWNER.

DUCT LEGEND

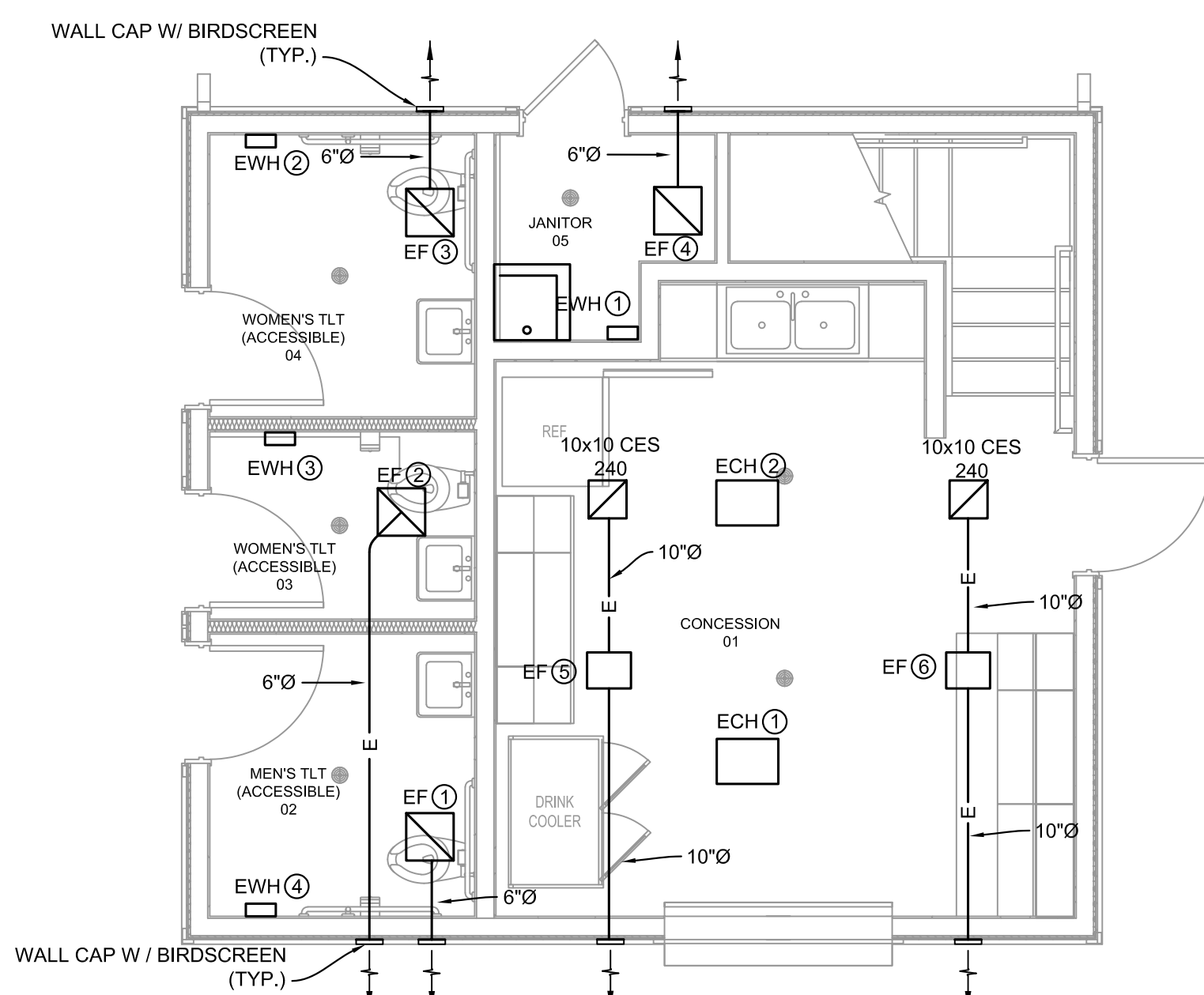


HVAC SPECIFICATIONS

1. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE HEATING AND COOLING SYSTEM AS INDICATED AND SPECIFIED ON THE DRAWINGS.
2. WORK SHALL COMPLY WITH IMC, NFPA, ALL APPLICABLE LAWS, ORDINANCES & CODES OF THE STATE OF TENNESSEE, LOCAL AUTHORITIES HAVING JURISDICTION AND WITH APPLICABLE RULES & REGULATIONS.
3. OBTAIN ALL PERMITS & INSPECTIONS REQUIRED FOR THE COMPLETION OF THE WORK & PAY ALL FEES & COSTS IN CONNECTION THEREWITH.
4. THE MECHANICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC AND UNLESS SPECIFICALLY DIMENSIONED, THE LOCATIONS OF DUCTWORK AND EQUIPMENT AND THE ROUTING OF DUCTWORK IS APPROXIMATE ONLY AND SHALL NOT BE SCALED FROM THE MECHANICAL DRAWINGS.
5. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
6. SUBMIT TO THE ARCHITECT FOR APPROVAL, 10 DAYS AFTER RECEIPT OF NOTICE TO PROCEED WITH THE WORK, A COMPLETE LIST OF MATERIALS, EQUIPMENT AND ACCESSORIES PROPOSED FOR USE, INCLUDING COMPLETE DESCRIPTIONS AND SPECIFICATIONS OF ANY PROPOSED SUBSTITUTIONS, MANUFACTURER'S SHOP DRAWINGS, ROUGHING-IN DRAWINGS, AND ANY OTHER INFORMATION REQUIRED FOR THE PROPER INSTALLATION OF THE WORK. SUBMITTALS SHALL BE IN PDF FORMAT (NO PAPER COPIES).
7. THE BUILDING IS ASSIGNED TO SEISMIC DESIGN CATEGORY C, RISK CATEGORY II WITH AN IMPORTANCE FACTOR OF 1.0. THEREFORE, THE MECHANICAL COMPONENTS ARE EXEMPTED FROM SEISMIC REVIEW. VERIFY WITH THE ARCHITECT.
8. ALL DUCTWORK SHALL BE GALVANIZED STEEL FABRICATED ACCORDING TO SMACNA DETAILS. DUCTS SHALL BE SIZE INDICATED ON DRAWINGS (NET INSIDE DIMENSIONS), RIGIDLY BRACED, ADEQUATELY SUPPORTED & SECURELY FASTENED IN PLACE.
9. FLEXIBLE DUCT FOR NON-INSULATED DUCT SYSTEMS SHALL BE THERMAFLEX S-LD, OR EQUAL. ALL FLEXIBLE DUCT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DUCT RUNS SHALL BE AS STRAIGHT AS POSSIBLE AND LIMITED TO MAXIMUM OF 5 FEET IN LENGTH.
10. INSTALL SINGLE WALL TURNING VANES AT RIGHT ANGLES AND SMALL RADIUS TURNS IN DUCTS. MAKE REDUCTIONS IN DUCT SIZE WITH TAPERED TRANSITION PIECES. TRANSITIONS FOR CONNECTIONS TO EQUIPMENT SHALL BE DESIGNED TO SUIT CONDITIONS AND SO THAT AIR FLOW IS NOT RESTRICTED.
11. IN ALL CASES, AIR VOLUMES SHALL BE ADJUSTED BY MEANS OF MANUAL DAMPERS IN THE DUCTWORK, NOT BY INTEGRAL DAMPERS IN THE TERMINAL OUTLETS OR INLETS. DUCT DAMPER POSITIONS SHALL BE MARKED WITH PERMANENT INK MARKERS OR BLACK SPRAY PAINT AFTER THE FINAL SETTING HAS BEEN MADE.
12. EXHAUST FANS SHALL BE GREENHECK, LOREN COOK, PENNBARRY OR APPROVED SUBSTITUTE, AND BE AS SCHEDULED ON THE DRAWINGS AND HAVE THE ACCESSORIES AS NOTED ON THE DRAWINGS. FAN MOTORS SHALL HAVE BUILT-IN THERMAL OVERLOAD PROTECTION. THE UNITS SHALL BE FURNISHED WITH UNIT MOUNTED SAFETY DISCONNECT. THE UNITS SHALL BE UL LISTED AND BEAR THE AMCA CERTIFIED RATINGS SEAL FOR SOUND AND AIR PERFORMANCE. VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT.
13. WHEN THE INSTALLATION IS COMPLETE, IT SHALL BE RUN & ADJUSTED BY THE CONTRACTOR. ANY EXCESSIVE NOISE OR VIBRATION SHALL BE CORRECTED.
14. SUBMIT WRITTEN AIR BALANCE REPORT TO THE ARCHITECT A MINIMUM OF 10 DAYS PRIOR TO THE FINAL INSPECTION. THE AIR BALANCE CONTRACTOR SHALL BE AABC OR NEBB CERTIFIED.
15. THE CONTRACTOR SHALL INSTRUCT THE OWNER IN THE OPERATION OF EQUIPMENT & PROVIDE THE OWNER WITH A COMPLETE SET OF OPERATING INSTRUCTIONS FOR EQUIPMENT INSTALLED UNDER HIS CONTRACT.
16. THE WORK SHALL BE GUARANTEED AGAINST ALL DEFECTIVE MATERIALS & EQUIPMENT FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE. THE CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS WITHOUT COST TO THE OWNER.

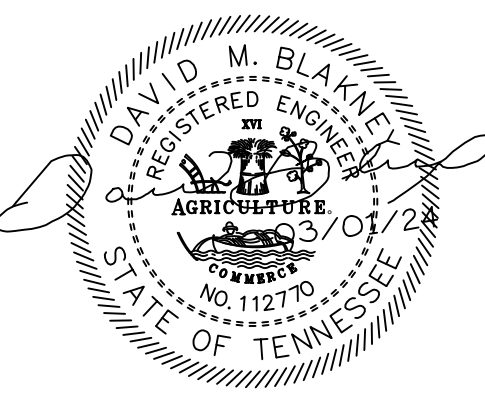
GRILLES AND CEILING OUTLET SPECIFICATIONS

- GRILLES AND CEILING OUTLETS SHALL BE PRICE, OR EQUAL, STEEL CONSTRUCTION WITH ELECTRO-DEPOSITION PAINTED FINISH, SIZE SHOWN ON THE DRAWINGS AND SCHEDULED AS FOLLOWS.
- CEX CEILING EXHAUST, PRICE MODEL 80, EGG CRATE RETURN GRILLE, SURFACE MOUNTED TYPE, 1/2" CUBES WITH OPPOSED BLADE DAMPER. FURNISH WITH SQUARE-TO-ROUND ADAPTER WHERE ROUND DUCT IS INDICATED ON DRAWINGS.
 - CT CEILING TRANSFER, PRICE MODEL 80, EGG CRATE RETURN GRILLE, SURFACE MOUNTED TYPE, 1/2" CUBES WITH OPPOSED BLADE DAMPER. FURNISH WITH SQUARE-TO-ROUND ADAPTER WHERE ROUND DUCT IS INDICATED ON DRAWINGS.



FIRST FLOOR PLAN - HEAT & VENTILATION

1/4"=1'-0"



SCHEMATIC DESIGN FOR
CLINTON HS SOFTBALL CONCESSION BLDG
CLINTON HIGH SCHOOL, ANDERSON COUNTY, TN

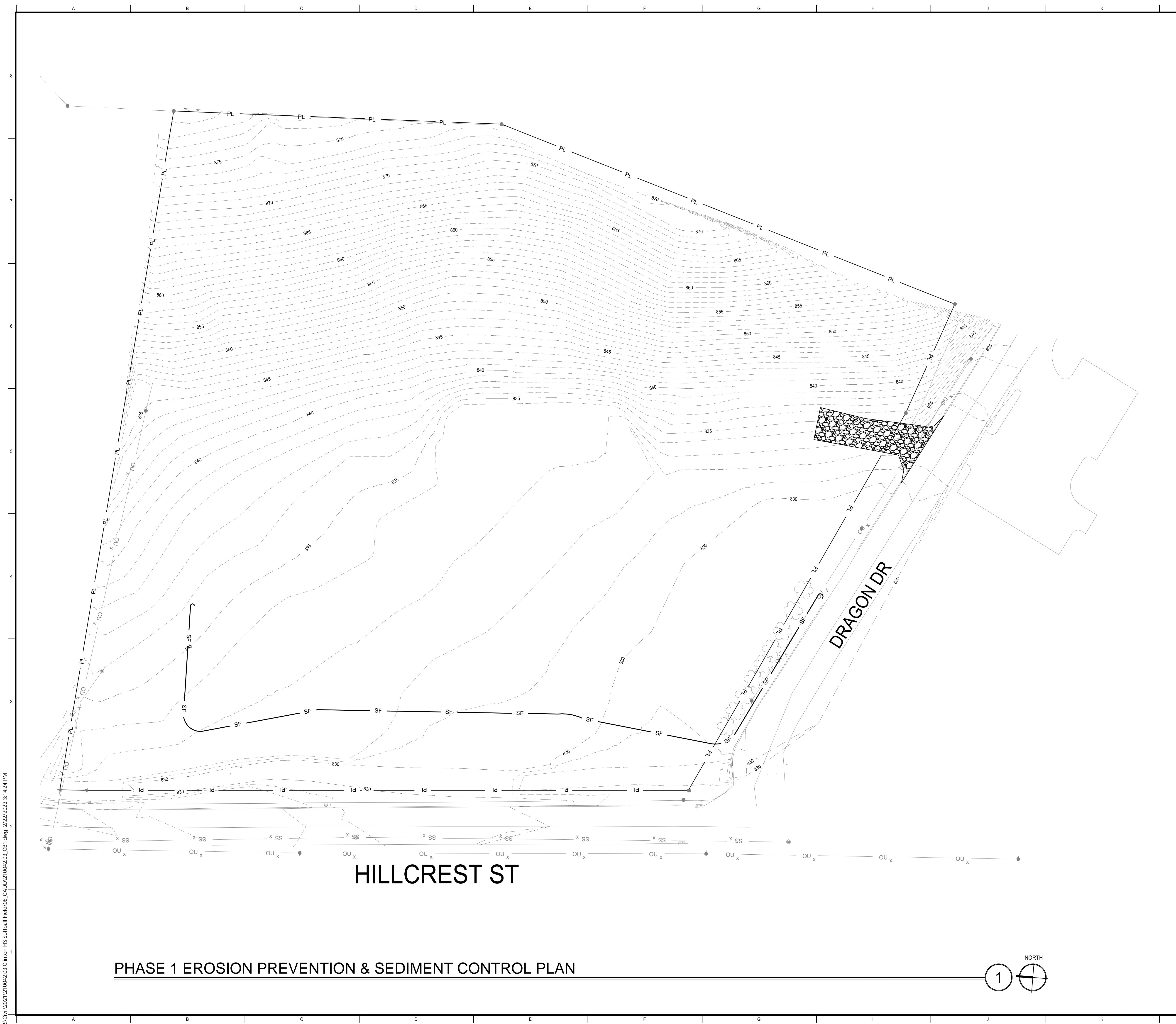


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SHEET DESCRIPTION
HEAT & VENTILATION


M101
PROJECT DATE: 2024-03-01
PROJECT NUMBER: 22021



GENERAL SHEET NOTES
 1. SEE SHEET C001 FOR CIVIL NOTES AND LEGENDS

EROSION CONTROL LEGEND

SF SILT FENCE; SEE DETAIL 2/C800

 CONSTRUCTION ENTRANCE; SEE DETAIL 1/C800

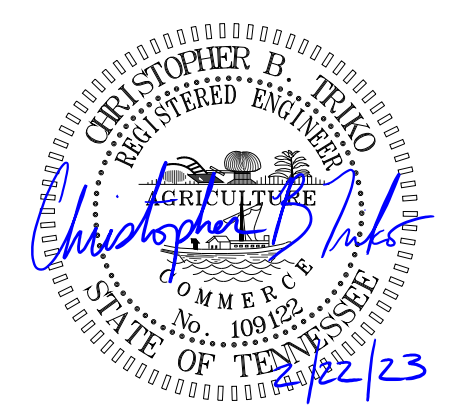
ENGINEER:

MBI COMPANIES INC.
 299 N. WEISGARBER ROAD
 KNOXVILLE, TN 37919

PHONE: (865) 584-0999
 FAX: (865) 584-5213
 WEB: mbicompanies.com

CONSULTANT

SEAL:



CHRISTOPHER B. THACK
 REGISTERED ENGINEER
 No. 1058
 STATE OF TENNESSEE
 2/22/23

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PROJECT INFORMATION

PROJECT:

CLINTON HIGH SCHOOL
 SOFTBALL FIELD

PROJECT ADDRESS:

HILLCREST ST.
 CLINTON, TN 37716

PROJECT NO.: 210042.03

ACTIVE DESIGN PHASE

FOR REVIEW ONLY
 FOR PERMITTING ONLY
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 CONSTRUCTION BIDDING
 CONSTRUCTION DOCUMENTS
 AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED: 02/22/2023
 DESIGNED BY: I.A.J.
 DRAWN BY: I.A.J.
 REVIEWED BY: C.B.T.
 SHEET TITLE:

811 Know what's below.
 Call before you dig.
 In Tennessee call 811 or 1-800-351-1111

GRAPHIC SCALE

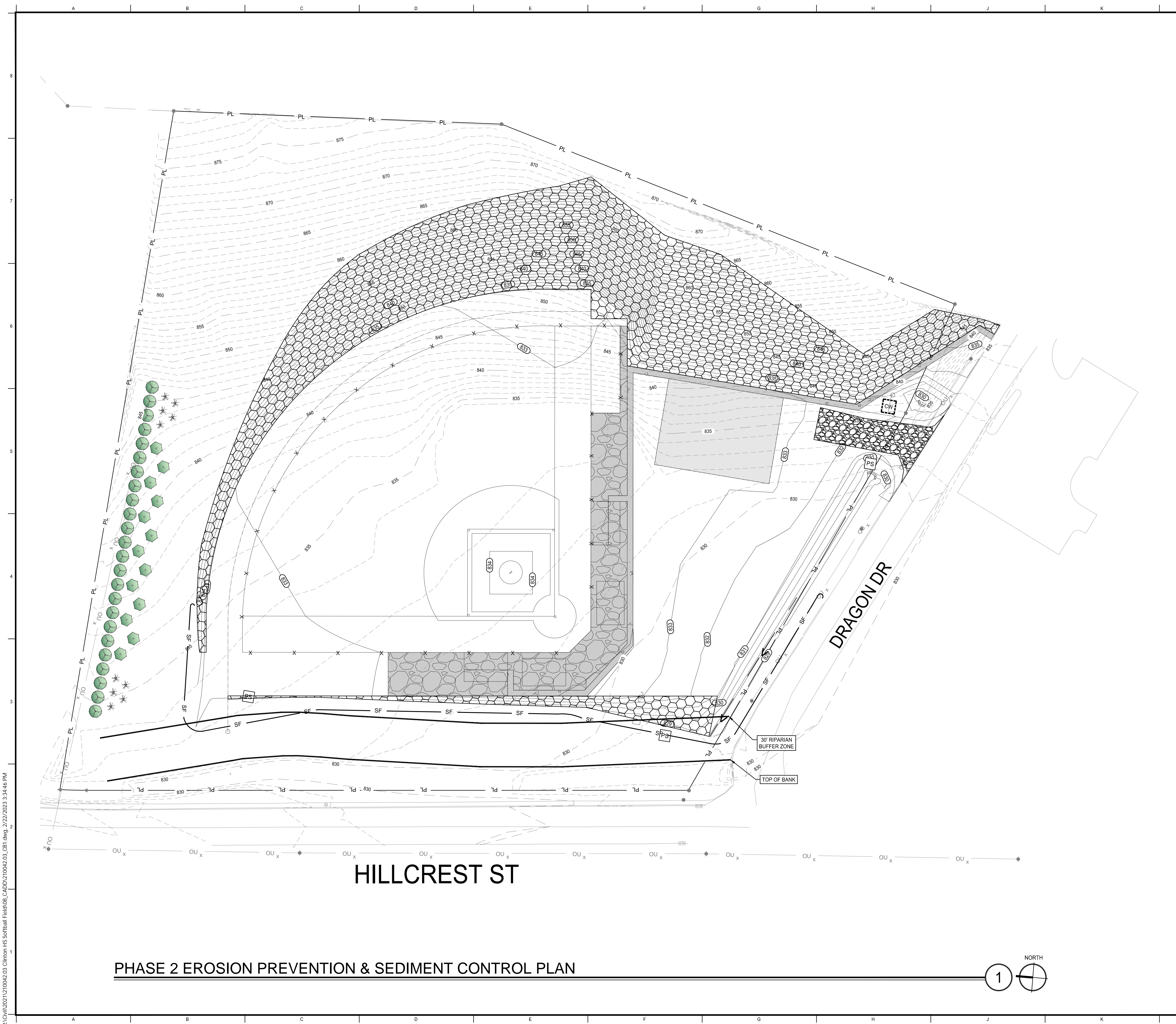
30 0 15 30 60 90
 1 INCH = 30'

MBI

PHASE 1 EROSION PREVENTION & SEDIMENT CONTROL PLAN

SHEET NO.: C100

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GENERAL SHEET NOTES:

1. SEE SHEET C001 FOR CIVIL NOTES AND LEGENDS

EROSION CONTROL LEGEND

- SF SILT FENCE; SEE DETAIL 2/C800
- DRAINAGE SWALE; SEE DETAIL 5/C800
- CONSTRUCTION ENTRANCE; SEE DETAIL 1/C800
- SLOPE MATTING; SEE DETAIL 3/C800
- CONCRETE WASHOUT; SEE DETAIL 4/C800
- PERMANENT STABILIZATION; SCOTT'S CONTRACTOR'S SEEDING MIX OR OWNER APPROVED EQUIVALENT

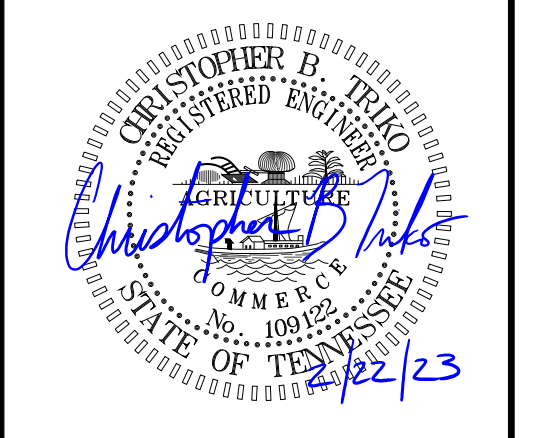


ENGINEER:

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CONSULTANT

SEAL:



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PROJECT INFORMATION

PROJECT:

CLINTON HIGH SCHOOL SOFTBALL FIELD

PROJECT ADDRESS:

HILLCREST ST.
CLINTON, TN 37716

PROJECT NO.: 210042.03

ACTIVE DESIGN PHASE

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- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION BIDDING
- CONSTRUCTION DOCUMENTS
- AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN



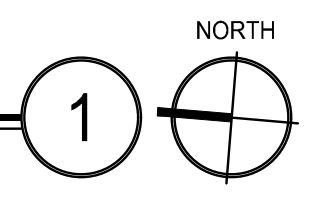
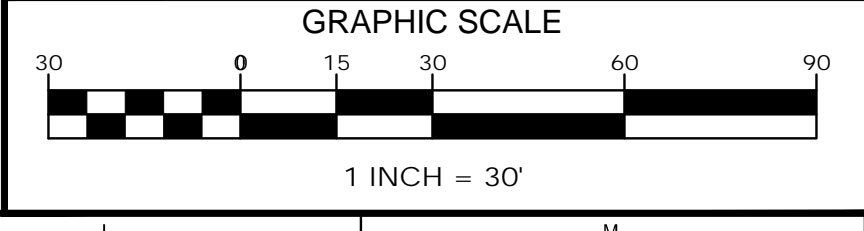
SHEET INFORMATION

SHEET ISSUED: 02/22/2023
DESIGNED BY: I.A.J.
DRAWN BY: I.A.J.
REVIEWED BY: C.B.T.
SHEET TITLE:

PHASE 2 EROSION PREVENTION & SEDIMENT CONTROL PLAN

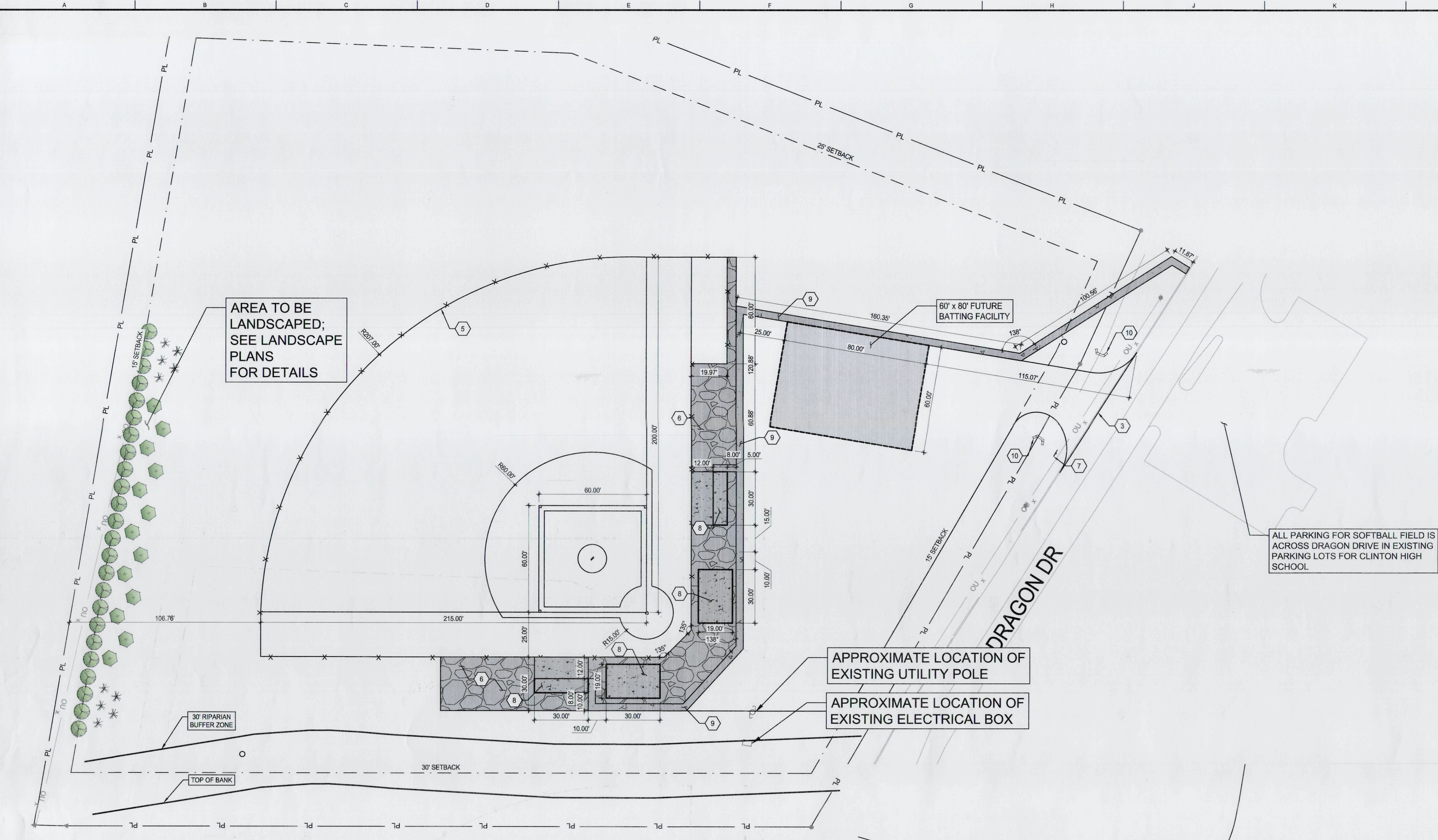
SHEET NO.:

C101



PHASE 2 EROSION PREVENTION & SEDIMENT CONTROL PLAN

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SITE LAYOUT PLAN

CERTIFICATE OF SITE PLAN APPROVAL

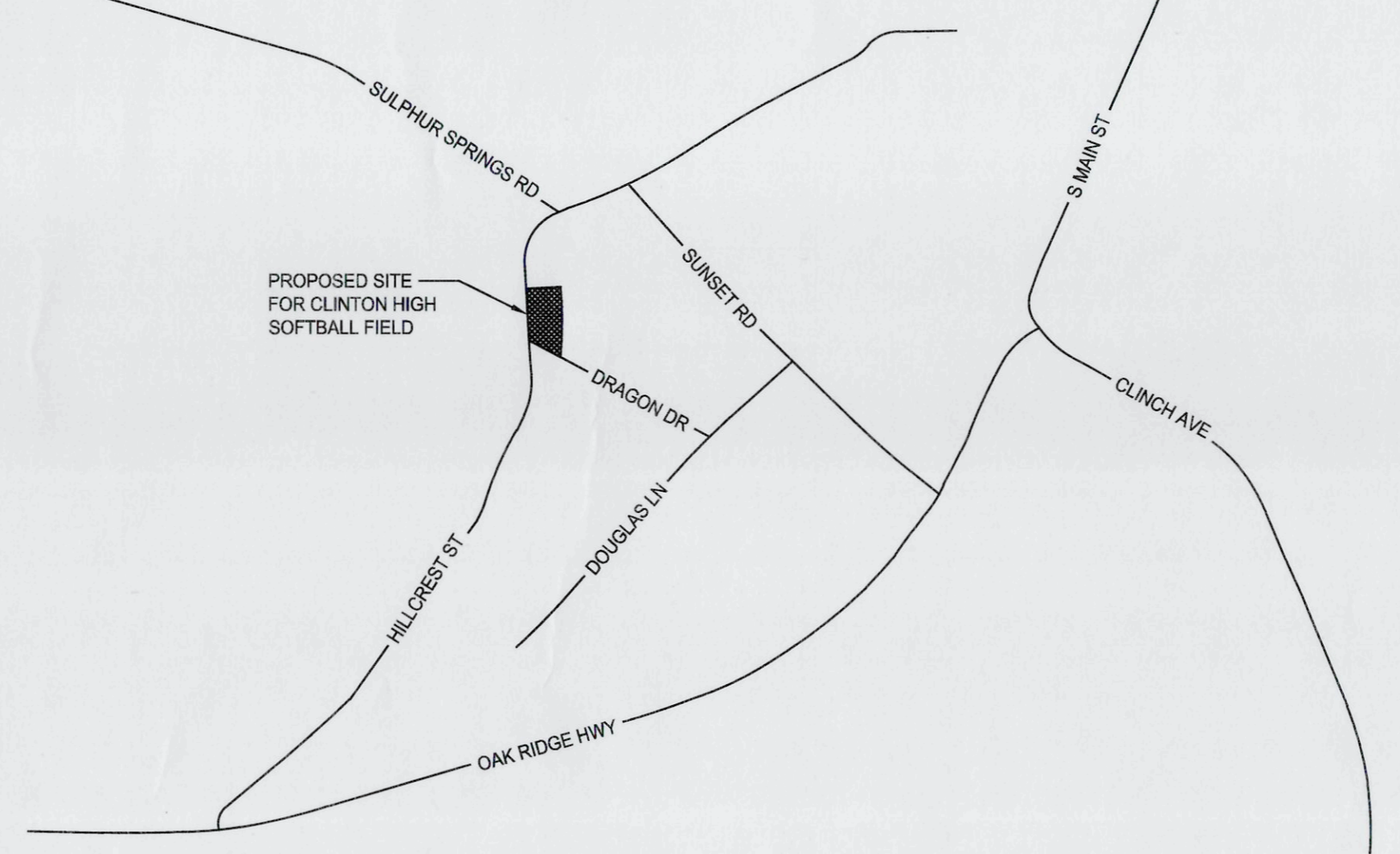
We hereby certify that this site plan has been found to comply with the zoning and site plan regulations of the Clinton Municipal/Regional Planning Commission, with the exception of such variances, if any, as noted in the minutes of the Clinton Board of Zoning Appeals.

Date _____ Chairman Clinton Municipal/Regional Planning Commission
 Date _____ Secretary Clinton Municipal/Regional Planning Commission

CERTIFICATE OF SITE PLAN APPLICATION AND AGREEMENT

I (we) hereby certify that I (we) understand that the approval of a site plan shall expire six (6) months after the date of approval unless a building permit has been issued and substantial progress has been made toward completion of the project.

2/23/23 _____
 Date Applicant
 Date Applicant



VICINITY MAP

GENERAL SHEET NOTES:

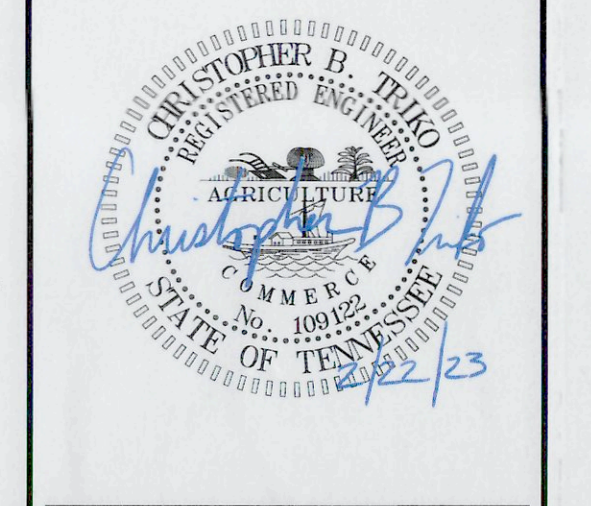
1. SITE AGERAGE = 4.99
2. ALL PARKING FOR SOFTBALL FIELD IS ACROSS DRAGON DRIVE IN EXISTING PARKING LOTS FOR CLINTON HIGH SCHOOL.

(X) SITE KEYED NOTES

- 1 PROPOSED DUGOUT
- 2 METAL BLEACHERS
- 3 PROVIDE SMOOTH TRANSITION TO EXISTING SURFACE
- 4 BACKSTOP
- 5 OUTFIELD FENCE
- 6 GRAVEL; SEE DETAIL 4/C801
- 7 STOP SIGN; SEE DETAIL 3/C801
- 8 CONCRETE PAD
- 9 CONCRETE SIDEWALK; SEE DETAIL 6/C801
- 10 STORM SEWER STRUCTURE; SEE SHEET C400 FOR DETAILS



ENGINEER
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 CONSULTANT



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PROJECT INFORMATION

PROJECT:
 CLINTON HIGH SCHOOL
 SOFTBALL FIELD

PROJECT ADDRESS:
 HILLCREST ST.
 CLINTON, TN 37716
 21042-03

PROJECT NO.: _____

ACTIVE DESIGN PHASE

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<input type="checkbox"/>	FOR PERMITTING ONLY
<input type="checkbox"/>	SCHEMATIC DESIGN
<input type="checkbox"/>	DESIGN DEVELOPMENT
<input type="checkbox"/>	CONSTRUCTION BIDDING
<input checked="" type="checkbox"/>	CONSTRUCTION DOCUMENTS
<input type="checkbox"/>	AS-BUILT RECORD SET

REVISION INFORMATION

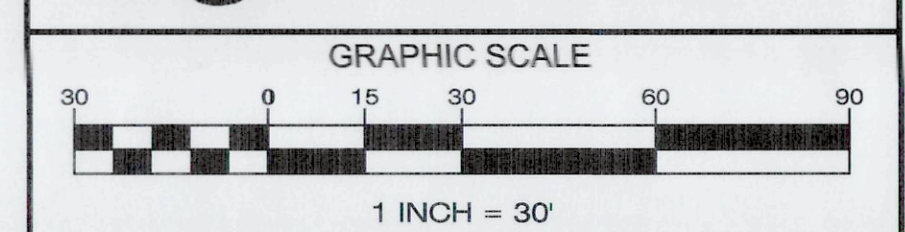
NO.	DATE	DESCRIPTION

KEY PLAN

AREAS & CALCULATIONS

IMPERVIOUS AREA			
EXISTING	PROPOSED	TOTAL INCREASE	
Acres	Acres	Acres	Acres
0.00	0.29	0.29	0.29
0.00	12,723	12,723	12,723
DISTURBED AREA			
TOTAL SITE AREA		DISTURBED AREA	
4.99	Acres	3.17	Acres
217,502	sqft	138,085	sqft

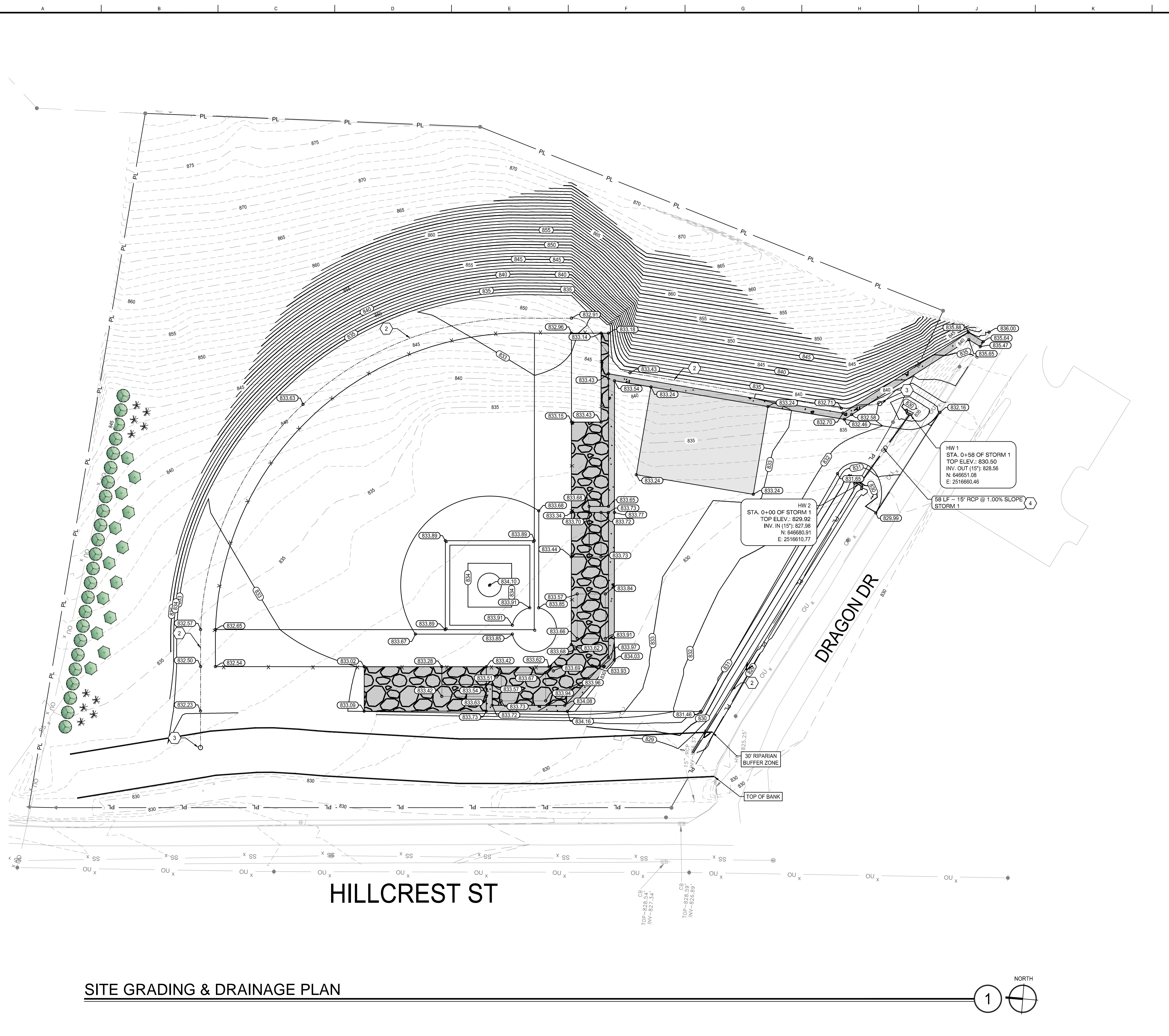
811 Know what's below.
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 In Tennessee call 811 or 1-800-351-1111



SHEET INFORMATION

SHEET ISSUED:	02/22/2023
DESIGNED BY:	I.A.J.
DRAWN BY:	I.A.J.
REVIEWED BY:	C.B.T.
SHEET TITLE:	

SITE LAYOUT PLAN
 SHEET NO.: **C300**



- GENERAL SHEET NOTES:**
- SEE SHEET C001 FOR CIVIL NOTES AND LEGENDS
- DRAINAGE LEGEND**
- HW-HEADWALL
- GRADING KEYED NOTES**
- DRAINAGE SWALE; SEE DETAIL 6/C800
 - FRENCH DRAIN; SEE DETAIL 5/C801
 - CUT PIPE AT AN ANGLE TO MATCH GRADE; PLACE LEADER CAP ON END OF PIPE; SEE DETAIL 2/C801
 - STORM SEWER DRAINAGE PIPE & UTILITY TRENCH; SEE DETAIL 1/C801

ENGINEER:

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KNOXVILLE, TN 37919

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PROJECT INFORMATION

PROJECT: CLINTON HIGH SCHOOL SOFTBALL FIELD

PROJECT ADDRESS: HILLCREST ST. CLINTON, TN 37716

PROJECT NO.: 210042.03

ACTIVE DESIGN PHASE

- FOR REVIEW ONLY
- FOR PERMITTING ONLY
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
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REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED: 02/22/2023

DESIGNED BY: I.A.J.

DRAWN BY: I.A.J.

REVIEWED BY: C.B.T.

SHEET TITLE:

811 Know what's below. Call before you dig. In Tennessee call 811 or 1-800-351-1111

GRAPHIC SCALE

1 INCH = 30'

1 NORTH

SITE GRADING & DRAINAGE PLAN

SHEET NO.: C500

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