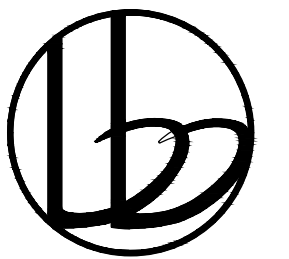


# RENOVATIONS AND ADDITION FOR: COVERED WAGON

607 NORTH MAIN STREET  
UNION, OHIO



BROWN & BILLS  
ARCHITECTS

55 HILLSIDE COURT  
ENGLEWOOD, OH 45322  
937 842 1150

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## VICINITY MAP:

N.T.S.



## GENERAL NOTES:

1. WORK SHALL NOT START UNTIL CONTRACTOR HAS RECEIVED A WRITTEN NOTICE TO PROCEED FROM THE OWNER.
2. CONTRACTOR SHALL OBTAIN AND PAY FOR BUILDING AND TRADE PERMITS.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL BUILDING CODES. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IN WRITING IF DOCUMENTS VARY FROM THESE REGULATIONS.
4. ALL ELECTRICAL WORK SHALL BE INSTALLED PER THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
5. MECHANICAL WORK SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS OF THE LATEST EDITION OF THE OHIO BUILDING CODE - THE OHIO MECHANICAL AND THE OHIO PLUMBING CODE.
6. CONTRACTOR SHALL MAINTAIN A NEAT AND ORDERLY WORK AND STORAGE AREA. OSHA SAFETY REQUIREMENTS SHALL BE IMPLEMENTED AND ENFORCED BY THE CONTRACTOR.
7. THE CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, WATER, HEAT, UTILITIES, TRANSPORTATION, AND OTHER SERVICES NECESSARY FOR COMPLETION OF THE WORK, UNLESS OTHERWISE NOTED IN AGREEMENTS.
8. THE CONTRACTOR SHALL PREPARE AND PRESENT A SCHEDULE FOR THE COMPLETION OF THE WORK PRIOR TO COMMENCING CONSTRUCTION.
9. THE CONTRACTOR SHALL WARRANT ALL LABOR AND MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. THIS REQUIREMENT SHALL NOT SUPERSEDE OTHER SPECIFIC MATERIAL WARRANTIES WHICH MAY BE LONGER.
10. CONTRACTOR TO SUBMIT REVIEWED SHOP DRAWINGS AS APPLICABLE. NO WORK SHALL COMMENCE ON THIS PORTION OF THE WORK UNTIL REVIEWED BY ARCHITECT.
11. IN PREPARATION FOR A SUBSTANTIAL COMPLETION INSPECTION, THE CONTRACTOR SHALL PREPARE A PUNCH LIST. THE CONTRACTOR SHALL COMPLETE THIS WORK WITHIN ONE MONTH OF DATE ISSUED AND PRIOR TO FINAL PAYMENT.
12. CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF MATERIAL DISCREPANCIES FOUND ON THE DRAWINGS FOR ANY EXISTING CONDITIONS FOUND ON THE SITE WHICH CONFLICT WITH CONDITIONS AS SHOWN IN THE CONTRACT DOCUMENTS.
13. DRAWINGS ARE NOT TO BE SCALED. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
14. DIMENSIONS ON FLOOR PLAN ARE INDICATED AS FOLLOWS:  
-AT EXISTING WALLS; TAKEN FROM FACE OF WALL  
-AT NEW WALLS; SHOWN TO FACE OF STUDS, OR TO FACE OF MASONRY, UNLESS NOTED OTHERWISE.
15. PROVIDE SOLID WOOD BLOCKING IN STUD WALLS AS REQUIRED TO SUPPORT WALL-MOUNTED CABINETS, COUNTERS, AND ALL OTHER CABINETS.
16. ALL CONCEALED AND EXPOSED INSULATION SHALL MEET THE MINIMUM FLAME SPREAD AND SMOKE DEVELOPED RATINGS REQUIRED BY THE OHIO BUILDING CODE SECTIONS T20.2 AND T20.3.
17. ALL SUSPENDED ITEMS SUCH AS CEILING, DUCTS, CONDUITS, ETC. SHALL BE SUSPENDED DIRECTLY FROM BUILDING STRUCTURE.
18. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE FABRICATING OR RELOCATING ANY ITEMS TO BE INCORPORATED IN THE WORK.
19. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE ICC/ANSI A117.1 - 2004 EDITION AS REQUIRED PER THE 2017 OBC.

## SHEET INDEX:

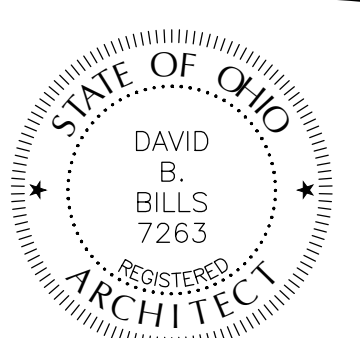
NO.	PLAN NAME	REV.	DATE	NO.	PLAN NAME	REV.	DATE
<b>GENERAL SHEETS</b>				<b>STRUCTURAL DRAWINGS</b>			
G101	TITLE SHEET			S101	FOUNDATION PLAN		
G102	GENERAL INFORMATION			S102	TRUSS FRAMING PLAN		
G103	ACCESSIBILITY GUIDELINES (EXTERIOR)			S103	PURLIN FRAMING PLAN		
G104	ACCESSIBILITY GUIDELINES (INTERIOR)			S201	NORTH FRAMING ELEVATION		
G105	CODE PLANS			S202	SOUTH FRAMING ELEVATION		
<b>CIVIL SHEETS</b>				<b>MECHANICAL DRAWINGS</b>			
C101	DEMOLITION PLAN			S301	STRUCTURAL NOTES		
C102	SITE PLAN			S302	TRUSS AND RAFTER PROFILES		
C103	GRADING & DRAINAGE PLAN			S303	DETAILS		
C104	EROSION CONTROL PLAN			S304	TRUSS ELEVATION		
C105	CONSTRUCTION DETAILS			S305	COVERED WALK & MECHANICAL PLATFORM DETAILS		
C106	CONSTRUCTION DETAILS			<b>ELECTRICAL DRAWINGS</b>			
<b>ARCHITECTURAL SHEETS</b>				<b>PLUMBING DRAWINGS</b>			
D101	FIRST FLOOR DEMOLITION PLAN			P100	PLUMBING ISOMETRIC		
D102	MEZZANINE FLOOR DEMOLITION PLAN			P101	SANITARY PLAN		
A100	PROPOSED ARCHITECTURAL SITE PLAN			P102	PLUMBING PLAN		
A101	FIRST FLOOR PLAN						
A102	MEZZANINE FLOOR PLAN						
A103	ROOF PLAN						
A104	FIRST FLOOR FIXTURE PLAN						
A105	FIRST FLOOR REFLECTED CEILING PLAN						
A201	EXTERIOR ELEVATIONS						
A202	EXTERIOR ELEVATIONS						
A301	BUILDING SECTIONS						
A302	BUILDING SECTIONS						
A401	WALL SECTIONS						
A402	WALL SECTIONS						
A501	RESTROOMS & STAIR DETAILS						
A502	ENTRY & COLUMN DETAILS						
A601	SCHEDULES & DETAILS						

## CONTACTS:

OWNER	BUILDING DEPARTMENT	ARCHITECT	MEP ENGINEERS	STRUCTURAL ENGINEER
COVERED WAGON 607 NORTH MAIN STREET UNION, OHIO 45322 CONTACT: DAN GARBER PHONE: (937) 832-0807	MONTGOMERY COUNTY BUILDING DEPARTMENT 451 WEST THRID ST. DAYTON, OHIO 45422 PHONE: (937) 225-4622	BROWN & BILLS ARCHITECTS 55 HILLSIDE COURT ENGLEWOOD, OHIO 45322 CONTACT: DAVE BILLS OFFICE: (937) 832-1150 FAX: (937) 832-1590 CELL: (937) 371-8836 EMAIL: DAVEBILLS@BROWNBILLS.COM	MOTE & ASSOCIATES, INC. 214 WEST 4TH ST. GREENVILLE, OHIO 45331 CONTACT: MIKE BURNS OFFICE: (937) 548-7511 EMAIL: MBRUNS@MOTEASSOCIATES.COM	MILLER ENGINEERING 27 HEATHER BEND URBANA, OHIO 43078 CONTACT: JON MILLER CELL: (937) 896-9116 EMAIL: JTRUMBULLM@YAHOO.COM

COVERED WAGON

607 NORTH MAIN STREET  
UNION, OHIO



DAVID B. BILLS, LICENSE #7263  
EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
12/23/20

A201265

TITLE SHEET

PERMIT SET

# G101

## ABBREVIATIONS

NOTE: ABBREVIATIONS APPLY TO ARCHITECTURAL DRAWINGS ONLY. IF AN ABBREVIATION IS NOT DEFINED CALL THE ARCHITECT FOR CLARIFICATION.

SYMBOLS	H	S
<p>AT CENTERLINE</p> <p>CH CHANNEL</p> <p>D DIAMETER</p> <p>PERP PERPENDICULAR</p> <p>PLATE</p> <p>R ROUND</p> <p>S SQUARE</p> <hr/> <p><b>A</b></p> <p>A.B. ANCHOR BOLT</p> <p>AC.B. ACOUSTIC BOARD</p> <p>AC.PL. ACOUSTIC PLASTER</p> <p>AC.T. ACOUSTIC TILE</p> <p>A/C. AIR CONDITIONING</p> <p>A.D. AREA DRAIN</p> <p>A.F.F. ABOVE FINISH FLOOR</p> <p>ALT. ALTERNATE</p> <p>ALUM. ALUMINUM</p> <p>ANCH. ANCHOR</p> <p>APPROX. APPROXIMATELY</p> <p>ATTEN. ATTENUATION</p> <hr/> <p><b>B</b></p> <p>B/B. BACK TO BACK</p> <p>BD. BOARD</p> <p>BLDG. BUILDING</p> <p>BI. BUILT-IN CABINETS</p> <p>BLK. BLOCK</p> <p>BLK.G. BLOCKING</p> <p>B.M. BENCH MARK</p> <p>BOT. BOTTOM</p> <p>BRG. BEARING</p> <p>BRK. BRICK</p> <p>BSMT. BASEMENT</p> <hr/> <p><b>C</b></p> <p>CAR. CARPET</p> <p>C.B. CATCH BASIN</p> <p>CAB. CABINET</p> <p>CEM. CEMENT</p> <p>CER.M. CERAMIC MOSAIC</p> <p>CER.T. CERAMIC TILE</p> <p>CLR. CLEAR</p> <p>CHAN. CHANNEL</p> <p>C.I. CAST IRON</p> <p>CLG. CEILING</p> <p>COL. COLUMN</p> <p>CONC. CONCRETE</p> <p>C.M.U. CONCRETE MASONRY UNIT</p> <p>CONST. CONSTRUCTION</p> <p>CONTR. CONTRACTOR</p> <p>C.J. CONTROL JOINT</p> <p>CTG. COATING</p> <p>C.O. CLEAN OUT</p> <hr/> <p><b>D</b></p> <p>DIA. DIAMETER</p> <p>DIM. DIMENSION</p> <p>D.F. DRINKING FOUNTAIN</p> <p>D.L. DEAD LOAD</p> <p>DN. DOWN</p> <p>DS. DOWNSPOUT</p> <p>DTL. DETAIL</p> <p>DW. DRY WALL</p> <p>DWG. DRAWING</p> <p>DBL. DOUBLE</p> <p>DISP. DISPENSER</p> <p>DR. DOOR</p> <p>DWR. DISHWASHER</p> <hr/> <p><b>E</b></p> <p>E. EAST</p> <p>EA. EACH</p> <p>EJ. EXPANSION JOINT</p> <p>E.W. EACH WAY</p> <p>ENAM. ENAMEL</p> <p>ELEC. ELECTRIC</p> <p>ELEV. ELEVATION</p> <p>EPXY. EPOXY</p> <p>EQ. EQUAL</p> <p>EQUIP. EQUIPMENT</p> <p>EXIST. EXISTING</p> <p>EXP. EXPOSED</p> <p>EXPSN. EXPANSION</p> <p>EX.RM. EXISTING TO REMAIN</p> <p>EX.RP. EXISTING TO BE REPAIRED</p> <p>EXT. EXTERIOR</p> <hr/> <p><b>F</b></p> <p>F.D. FLOOR DRAIN</p> <p>FDTN. FOUNDATION</p> <p>F.E. FIRE EXTINGUISHER</p> <p>FIN. FINISH(ED)</p> <p>FLR. FLOOR</p> <p>FLG. FLOORING</p> <p>FTG. FOOTING</p> <p>FND. FOUNTAIN</p> <p>FRM. FRAME</p> <p>FLUOR. FLUORESCENT</p> <p>F.PRG. FIRE PROOFING</p> <p>FPL. FIREPLACE</p> <p>FT. FOOT</p> <hr/> <p><b>G</b></p> <p>GA. GAGE, GAUGE</p> <p>GALV. GALVANIZED</p> <p>GEN. GENERAL</p> <p>G.C. GENERAL CONTRACTOR</p> <p>G.F.I. GROUND FAULT INTERRUPT</p> <p>G.I. GALVANIZED IRON</p> <p>GL. GLASS</p> <p>GL.T. GLAZED TILE</p> <p>GND. GROUND</p> <p>GRT. GROUT</p> <p>GP.DW. GYPSUM DRYWALL</p> <p>GYP. GYPSUM</p>	<p>HDR. HEADER</p> <p>HDW. HARDWARE</p> <p>H.M. HOLLOW METAL</p> <p>HOR. HORIZONTAL</p> <p>HT. HEIGHT</p> <p>HTG. HEATING</p> <p>H.V.A.C. HEATING, VENTILATING, &amp; AIR CONDITIONING</p> <p>H.W.H. HOT WATER HEATER</p> <p>HR. HANDRAIL</p> <p>H.C. HOLLOW CORE</p> <p>HDWD. HARDWOOD</p> <hr/> <p><b>I</b></p> <p>INT. INTERIOR</p> <p>INV. INVERT</p> <p>I.D. INSIDE DIAMETER</p> <p>IN. INCH</p> <p>INSUL. INSULATION</p> <p>INV. INVERT</p> <hr/> <p><b>J</b></p> <p>JT. JOINT</p> <p>JAN. JANITOR</p> <p>J.B. JUNCTION BOX</p> <p>JSTS. JOISTS</p> <hr/> <p><b>L</b></p> <p>LAB. LABORATORY</p> <p>LAM. LAMINATE</p> <p>LAV. LAVATORY</p> <p>L.L. LIVE LOAD</p> <p>LAM. LAMINATE</p> <p>LINO. LINOLEUM</p> <p>LVR. LOWER</p> <hr/> <p><b>M</b></p> <p>MAS. MASONRY</p> <p>MAX. MAXIMUM</p> <p>MBSL. MARBLE</p> <p>MBR. MEMBER</p> <p>MED. MEDIUM</p> <p>MET. METAL</p> <p>MFG. MANUFACTURER</p> <p>MFRD. MANUFACTURED</p> <p>MK. MARK</p> <p>MIN. MINIMUM</p> <p>MISC. MISCELLANEOUS</p> <p>MTL. MATERIAL</p> <p>MT.(G.) (D) MOUNT, MOUNTING, MOUNTED</p> <p>M.O. MASONRY OPENING</p> <p>MACH. MACHINE</p> <p>MECH. MECHANICAL</p> <p>MUL. MULLION</p> <hr/> <p><b>N</b></p> <p>N. NORTH</p> <p>NAT. NATURAL</p> <p>N.I.C. NOT IN CONTRACT</p> <p>NOM. NOMINAL</p> <p>N.T.S. NOT TO SCALE</p> <p>No. NUMBER</p> <hr/> <p><b>O</b></p> <p>O.B.C. OHIO BUILDING CODE</p> <p>O.C. ON CENTER(S)</p> <p>O.D. OUTSIDE DIAMETER</p> <p>OPNG. OPENING</p> <p>OPP. OPPOSITE</p> <p>OH. OVERHEAD</p> <hr/> <p><b>P</b></p> <p>P.C.F. PER CUBIC FT.</p> <p>PLAS. PLASTER</p> <p>PLAST. PLASTIC</p> <p>P.LAM. PLASTIC LAMINATE</p> <p>PLBG. PLUMBING</p> <p>P.L.F. PER LINEAL FT.</p> <p>PLY. PLYWOOD</p> <p>PNT. PAINT</p> <p>PROP. PROPERTY</p> <p>P.S.F. PER SQUARE FOOT</p> <p>P.S.I. PER SQUARE INCH</p> <p>PT. POINT</p> <p>PNT.DW. PAINTED DRYWALL</p> <p>P.V.C. POLYVINYL CHLORIDE</p> <p>PVMT. PAVEMENT</p> <p>PARTN. PARTITION</p> <p>PL. PLATE</p> <hr/> <p><b>Q</b></p> <p>Q.T. QUARRY TILE</p> <hr/> <p><b>R</b></p> <p>R. RISER</p> <p>RAD. RADIUS</p> <p>REF. REFER</p> <p>REFER. REFERENCE</p> <p>REFRIG. REFRIGERATOR</p> <p>REIN.F. REINFORCE(D)(ING)</p> <p>REM. REMOVE</p> <p>RESL. RESILIENT</p> <p>RET. RETURN</p> <p>REV. REVISION(S), REVISED</p> <p>R.D. ROOF DRAIN</p> <p>RM. ROOM</p> <p>R.O. ROUGH OPENING</p> <p>R.T. RUBBER TILE</p> <p>RUB. RUBBER</p> <p>R.O. ROUGH OPENING</p> <p>REC. RECESSED</p> <p>REQD. REQUIRED</p> <p>RES. RESISTANT</p> <hr/> <p><b>T</b></p> <p>T. TREADS</p> <p>T &amp; B. TOP &amp; BOTTOM</p> <p>TEL. TELEPHONE</p> <p>TEMP. TEMPERED</p> <p>TERR. TERRAZZO</p> <p>T. &amp; G. TONGUE &amp; GROOVE</p> <p>THK. THICK</p> <p>T.O.F. TOP OF FOUNDATION</p> <p>T/WALL. TOP OF WALL</p> <p>T/MAS. TOP OF MASONRY</p> <p>T/STL. TOP OF STEEL</p> <p>T/CONC. TOP OF CONCRETE</p> <p>TV. TELEVISION</p> <p>TYP. TYPICAL</p> <hr/> <p><b>U</b></p> <p>U.D. UNIT DIMENSION</p> <p>U.N.O. UNLESS NOTED OTHERWISE</p> <p>UR. URINAL</p> <hr/> <p><b>V</b></p> <p>VAP. VAPOR</p> <p>VAR. VARNISH</p> <p>V.C.T. VINYL COMPOSITION TILE</p> <p>VERT. VERTICAL</p> <p>V.I.F. VERIFY IN FIELD</p> <p>VIN. VINYL</p> <p>V.W.C. VINYL WALL COVERING</p> <p>V.C.P. VITRIFIED CLAY PIPE</p> <p>VIN. VINYL (BY OWNER)</p> <hr/> <p><b>W</b></p> <p>W. WEST</p> <p>W. WITH</p> <p>W.C. WATER CLOSET</p> <p>WD. WOOD</p> <p>WP. WATERPROOF</p> <p>WASCOT. WAINSCOT</p> <p>W/W. WALL TO WALL</p> <p>W.F. WIDE FLANGE</p> <p>W.PNL. WOOD PANELING</p> <p>W.W.F. WELDED WIRE FABRIC</p>	

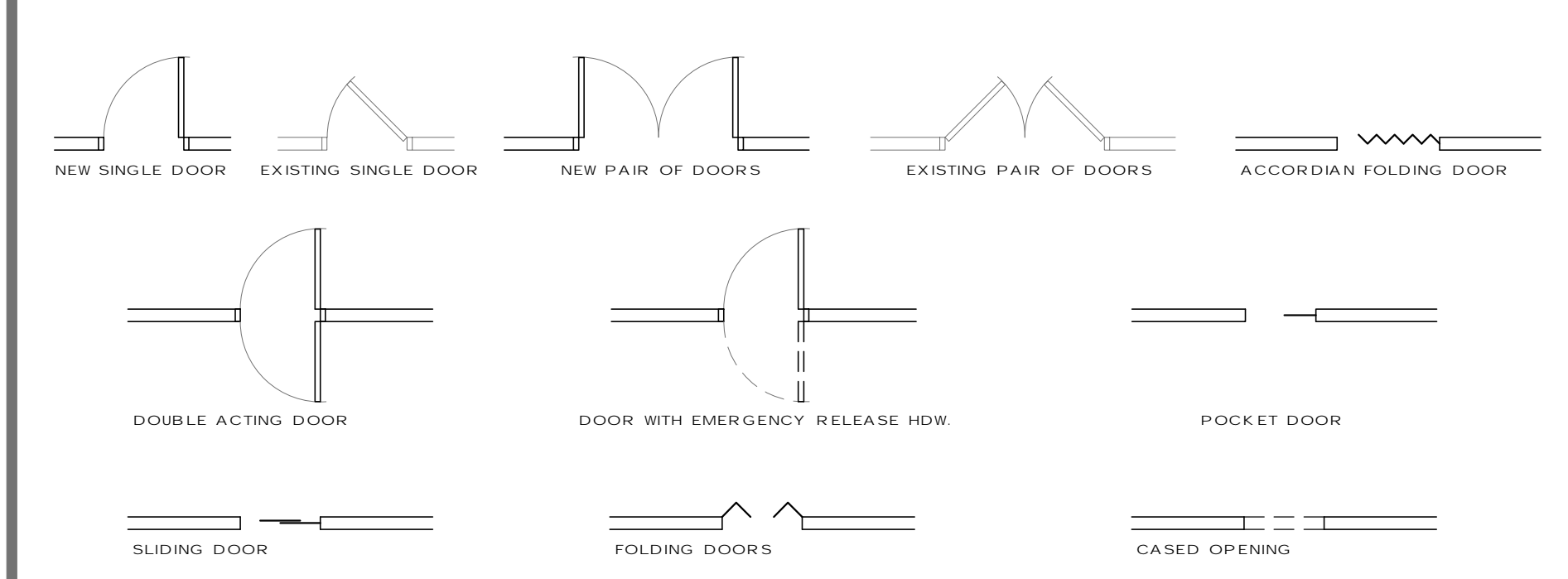
## SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DETAIL NUMBER		ROOM NAME
	SHEET ON WHICH DETAIL IS DRAWN		ROOM ID
	CUT DIRECTION		DOOR / WINDOW TAG
	DETAIL NO.		CONSTRUCTION DRAWING NOTE NUMBER
	SHEET ON WHICH DETAIL IS DRAWN		INTERIOR ACCESSORY
	ENLARGED REFERENCE		WALL TYPE REFERENCE
	ELEVATION NUMBER		REVISION TAG AND CLOUD
	SHEET ON WHICH ELEVATION IS DRAWN		DOOR & WINDOW SWING (ELEVATION)
	ELEVATION NUMBER		STRIKE SIDE
	SHEET ON WHICH ELEVATION IS DRAWN		HINGE SIDE
	ELEVATION REFERENCE (INTERIOR)		FIRE EXTINGUISHER IN SEMI-RECESSED CABINET.
	ELEVATION REFERENCE (EXTERIOR)		FIRE EXTINGUISHER ON WALL BRACKET.
	COLUMNS & STRUCTURAL GRID		FLOOR DRAIN
	ELEVATION REFERENCE		ROOF DRAIN
	ELEVATION HEIGHT		TEST BORING
	MATCH LINE		STAIR DIRECTION
	NORTH ARROW		1 HOUR FIRE RATING
	NORTH ARROW		POINT OF INTERSECTION BETWEEN RADII AND EXTERIOR WALLS

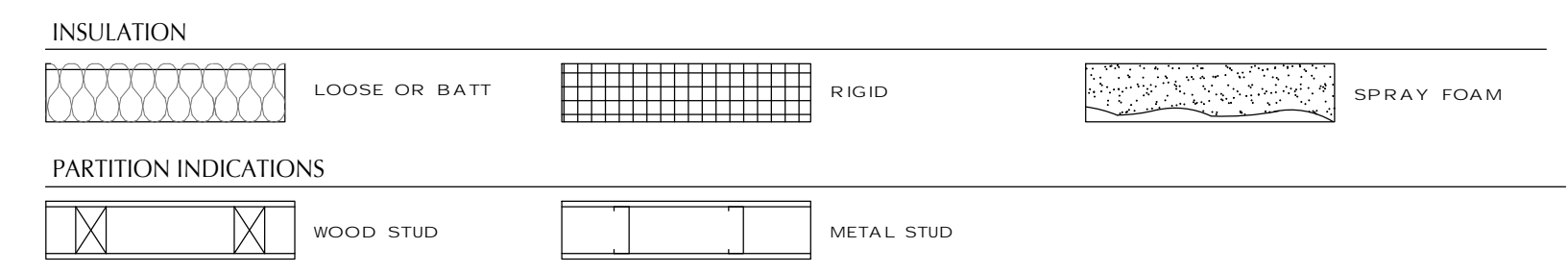
## WALL TYPES



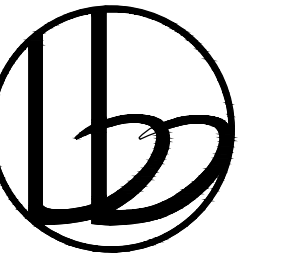
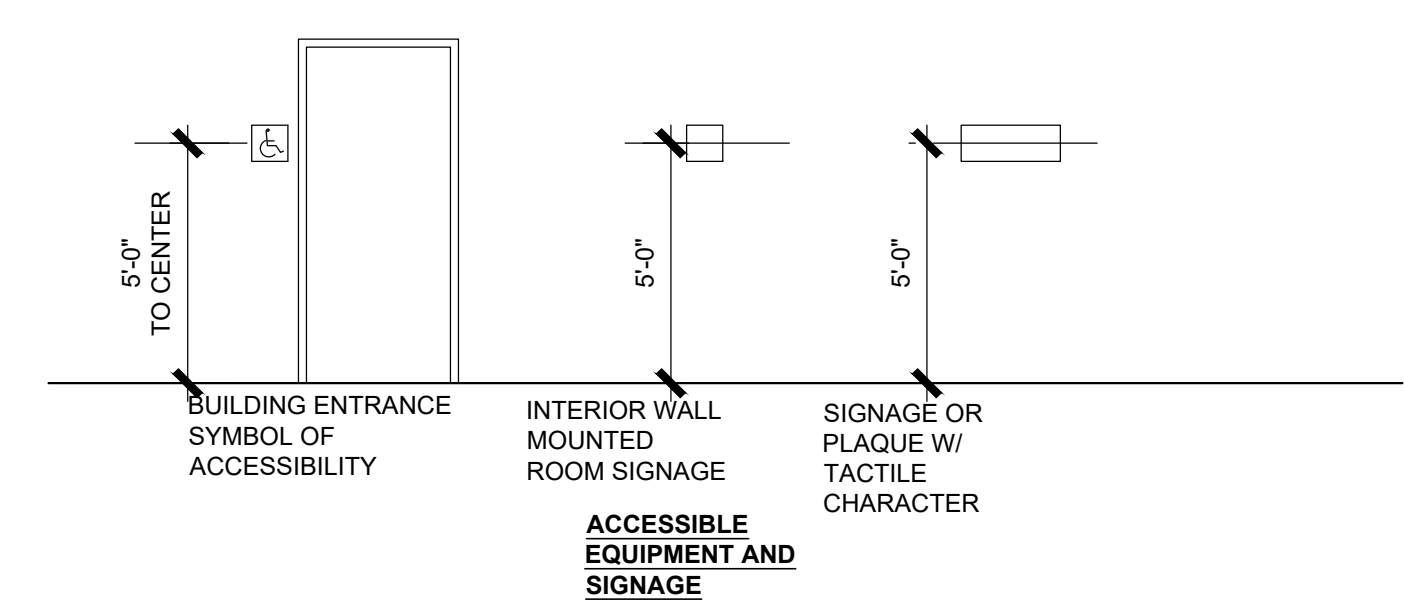
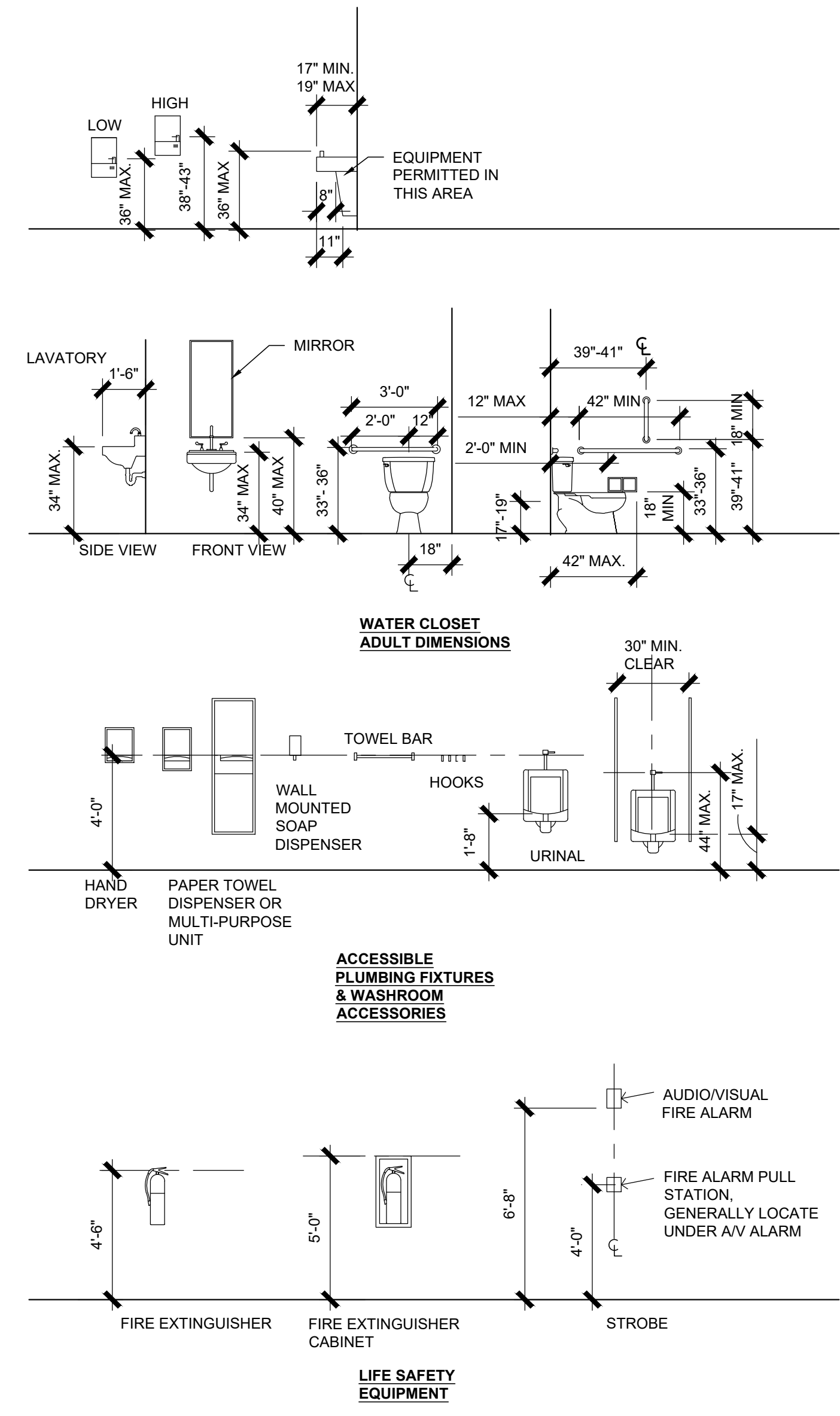
## TYPICAL DOOR CONVENTIONS



## MATERIAL SYMBOLS



## HC REQUIRED DIMENSIONS (SEE ALSO G103 & G104)



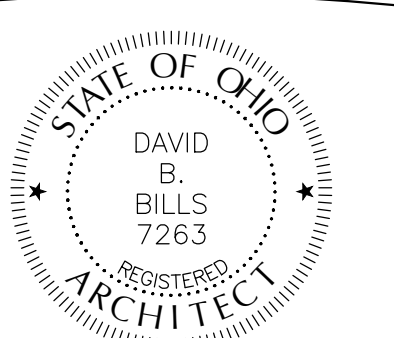
**BROWN & BILLS**  
ARCHITECTS

55 HILLSIDE COURT  
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COVERED WAGON

607 NORTH MAIN STREET  
UNION, OHIO



DAVID B. BILLS, LICENSE #7263  
EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
12/23/2020

A201265

GENERAL  
INFORMATION

**G102**

ANSI-A117.1 2009

402 ACCESSIBLE ROUTES

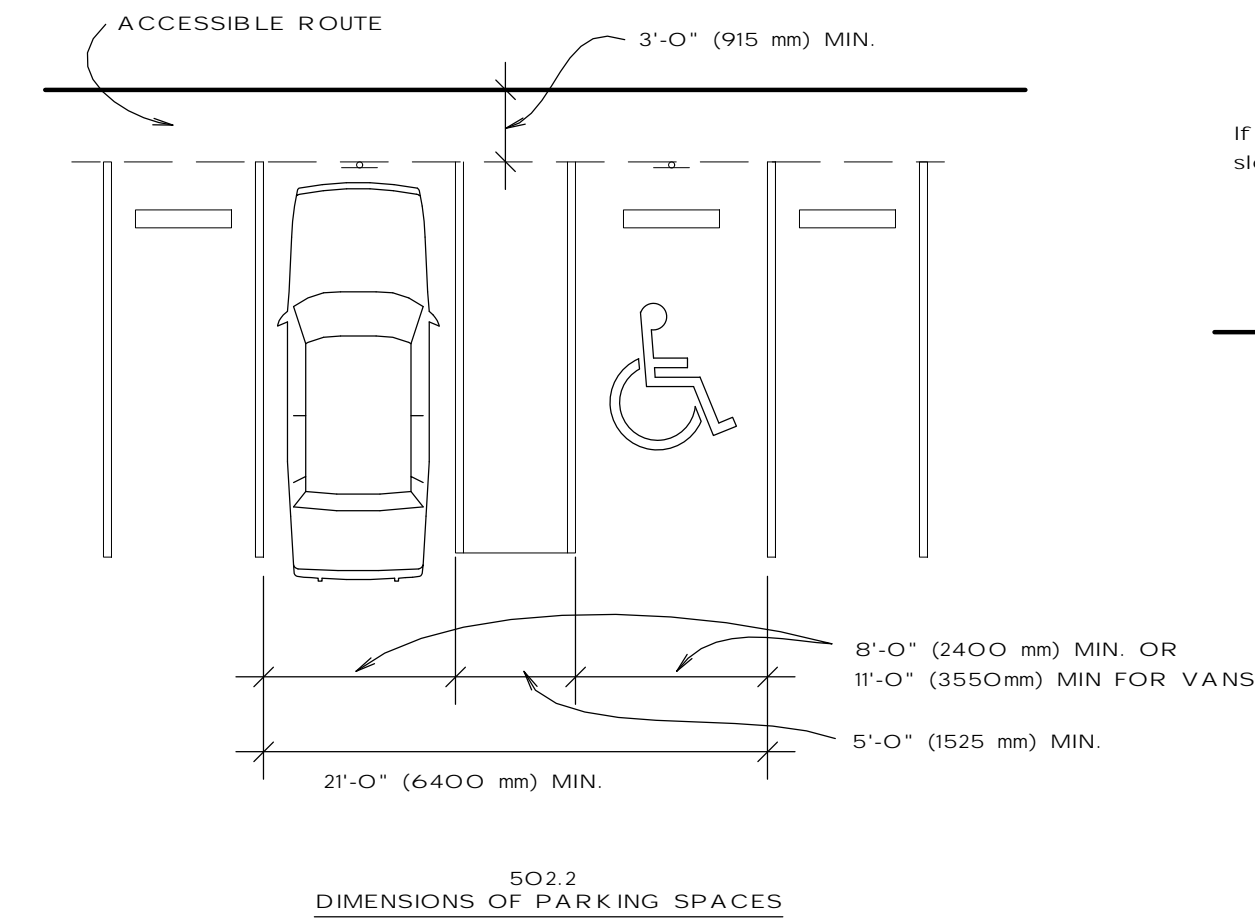
402.1 General. Accessible routes shall comply with Section 402.  
 402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, doors and doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable portions of this standard.

405 RAMPS

405.1 General. Ramps along accessible routes shall comply with Section 405.  
 405.2 Slope. Ramp runs shall have a running slope greater than 1:20 and not steeper than 1:12.  
 405.3 Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.  
 405.4 Floor Surfaces. Floor surfaces of ramp runs shall comply with Section 302.  
 405.5 Clear Width. The clear width of a ramp run shall be 36 inches (915 mm) minimum. Handrails and handrail supports that are provided on the ramp run shall not project into the required clear width of the ramp run.  
 405.6 Rise. The rise for any ramp run shall be 30 inches (760 mm) maximum.  
 405.7 Landings. Ramps shall have landings at the bottom and top of each ramp run. Landings shall comply with Section 405.7.  
 405.7.1 Slope. Landings shall have a slope not steeper than 1:48 and shall comply with Section 302.  
 405.7.2 Width. Clear width of landings shall be at least as wide as the widest ramp run leading to the landing.  
 405.7.3 Length. Landings shall have a clear length of 60 inches (1525 mm) minimum.  
 405.7.4 Change in Direction. Ramps that change direction at ramp landings shall be sized to provide a turning space complying with Section 304.3.  
 405.7.5 Doorways. Where doorways are adjacent to a ramp landing, maneuvering clearances required by Sections 404.2.3 and 404.3.2 shall be permitted to overlap the landing area, where a door that is subject to locking is located adjacent to a ramp landing, the landing shall be sized to provide a turning space complying with Section 304.3.  
 405.8 Handrails. Ramp runs with a rise greater than 6 inches (150 mm) shall have handrails complying with Section 505.

406 CURB RAMPS

406.1 General. Curb ramps on accessible routes shall comply with Sections 406, 405.2, 405.3 and 405.10.  
 406.2 Counter Slope. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters and streets shall be at the same level.  
 406.3 Sides of Curb Ramps. Where provided, curb ramp flares shall comply with Section 406.3.  
 406.3.1 Slope. Flares shall not be steeper than 1:10.  
 406.3.2 Marking. If curbs adjacent to the ramp flares are painted, the painted surface shall extend along the flared portion of the curb.  
 406.4 Width. Curb ramps shall be 36 inches (915 mm) minimum in width, exclusive of flared sides.  
 406.5 Floor Surface. Floor surfaces of curb ramps shall comply with Section 302.  
 406.6 Location. Curb ramps and the flared sides of curb ramps shall be located so they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.



505 HANDRAILS

505.1 General. Handrails required by Section 405.8 for ramps, or Section 504.6 for stairs shall comply with Section 505.  
 505.2 Location. Handrails shall be provided on both sides of stairs and ramps.  
 505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs or ramps shall be continuous between flights or runs. Other handrails shall comply with Sections 505.10 and 307.  
 505.4 Height. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above stair nosings, ramp surfaces and walking surfaces. Handrails shall be at a consistent height above stair nosings, ramp surfaces and walking surfaces.  
 505.5 Clearance. Clearance between handrail gripping surface and adjacent surfaces shall be 1/2 inches (38 mm) minimum.  
 505.6 Gripping Surface. Gripping surfaces shall be continuous, without interruption by reel posts, other construction elements, or obstructions.  
 EXCEPTIONS:  
 1. Handrail brackets or balusters attached to the bottom surface of the handrail shall not be considered obstructions, provided the brackets or balusters comply with the following criteria:  
 a. Not more than 20 percent of the handrail length is obstructed.  
 b. Horizontal projections beyond the sides of the handrail occur 1/2 inches (38 mm) minimum below the bottom of the handrail, and provided that for each 1/2 inch (13 mm) of additional handrail perimeter dimension above 4 inches (100 mm), the vertical clearance dimension of 1/2 inch (38mm) can be reduced by 1/4 inch (3.2 mm), and  
 c. Edges shall be rounded.  
 2. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.

406.10 DIAGONAL CURB RAMPS

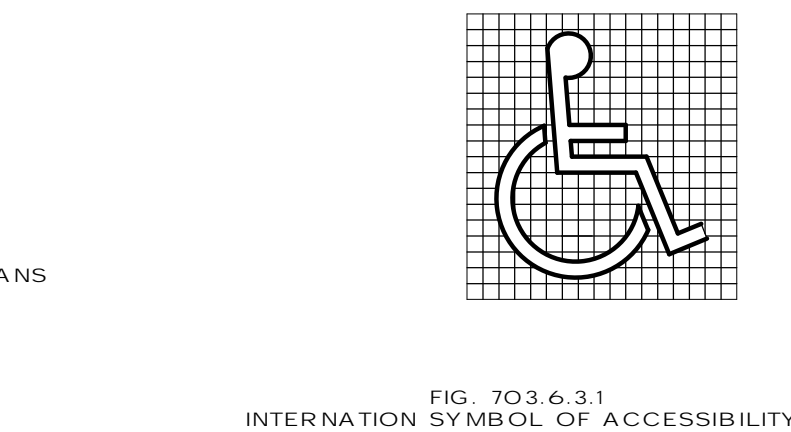
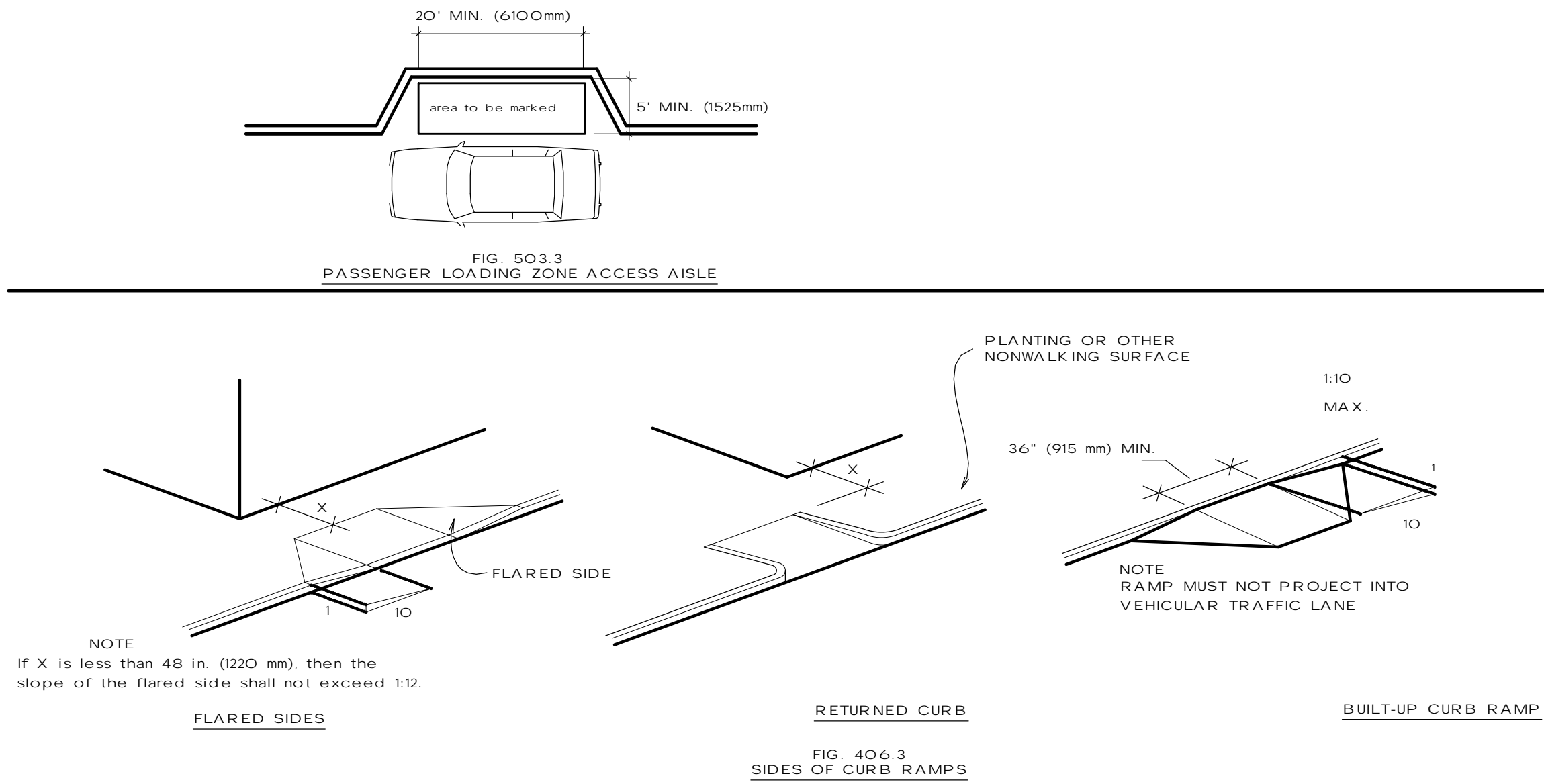
Diagonal or corner type curb ramps with returned curbs or other well defined edges shall have the edges parallel to the direction of pedestrian flow. The bottoms of diagonal curb ramps shall have 48 inches (1220 mm) minimum clear space outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) minimum in length on each side of the curb ramp and within the marked crossing.

406.11 ISLANDS

Raised islands in crossings shall be a cut-through level with the street or have curb ramps at both sides. Each curb ramp shall have a level area 48 inches (1220 mm) minimum in length and 36 inches (915 mm) minimum in width at the top of the curb ramp in the part of the island intersected by the crossings. Each 48-inch (1220 mm) by 36-inch (915 mm) area shall be oriented so the 48-inch (1220 mm) length is in the direction of the running slope of the curb ramp it serves. The 48-inch (1220 mm) by 36-inch (915 mm) areas and the accessible route shall be permitted to overlap.

502 PARKING SPACES

502.1 General. Accessible car and van parking spaces shall comply with Section 502.  
 502.2 Vehicle Space Size. Car parking spaces shall be 96 inches (2440 mm) minimum in width. Van parking spaces shall be 132 inches (3350 mm) minimum in width.  
 502.3 Vehicle Space Marking. Car and van parking spaces shall be marked to define the width. Where parking spaces are marked with lines, the width measurements of parking spaces and adjacent access aisles shall be made from the centerline of the markings.  
 502.4 Access Aisle. Car and van parking spaces shall have an adjacent access aisle complying with Section 502.4.



505.7 Cross Section. Handrails shall have a cross section complying with Section 505.7.1 or 505.7.2.  
 505.7.1 Circular Cross Section. Handrails with a circular cross section shall have an outside diameter of 1 1/2 inches (32 mm) minimum and 2 inches (51 mm) maximum.  
 505.7.2 Noncircular Cross Sections. Handrails with a noncircular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.  
 505.8 Surfaces. Handrails, and any wall or other surfaces adjacent to them, shall be free of any sharp or abrasive elements. Edges shall be rounded.  
 505.9 Fittings. Handrails shall not rotate within their fittings.  
 505.10 Handrail Extensions. Handrails shall extend beyond and in the same direction of stair flights and ramp runs in accordance with Section 505.10.

704 TELEPHONES

704.1 General. Accessible public telephones shall comply with Section 704.  
 704.2 Wheelchair Accessible Telephones. Wheelchair accessible public telephones shall comply with Section 704.2.  
 704.2.1 Clear Floor Space. A clear floor space complying with Section 305 shall be provided. The clear floor space shall not be obstructed by bases, enclosures, or seats.  
 704.2.1.1 Parallel Approach. Where a parallel approach is provided, the distance from the edge of the telephone enclosure to the face of the telephone shall be 10 inches (255 mm) maximum.  
 704.2.1.2 Forward Approach. Where a forward approach is provided, the distance from the front edge of a counter within the enclosure to the face of the telephone shall be 20 inches (510 mm) maximum.  
 704.2.2 Operable Parts. Operable parts shall comply with Section 309. Telephones shall have push button controls where service for such equipment is available.

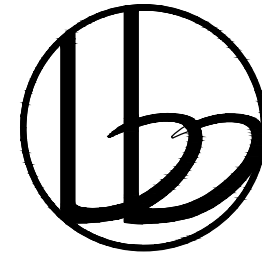
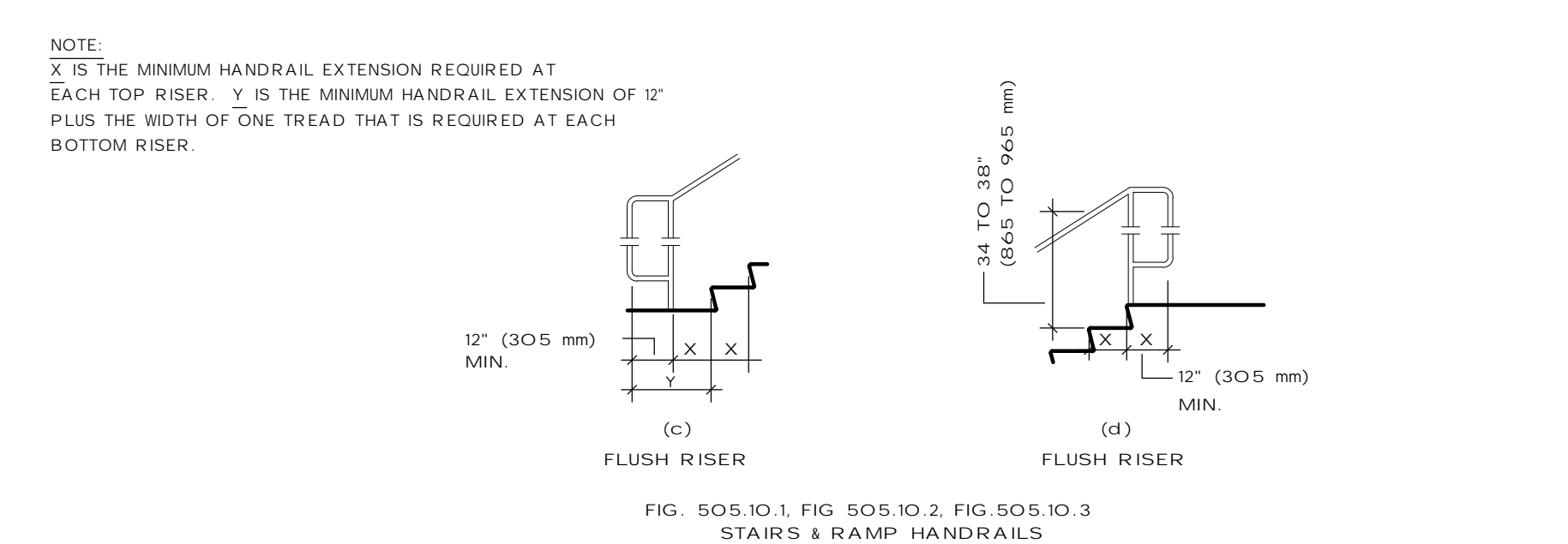
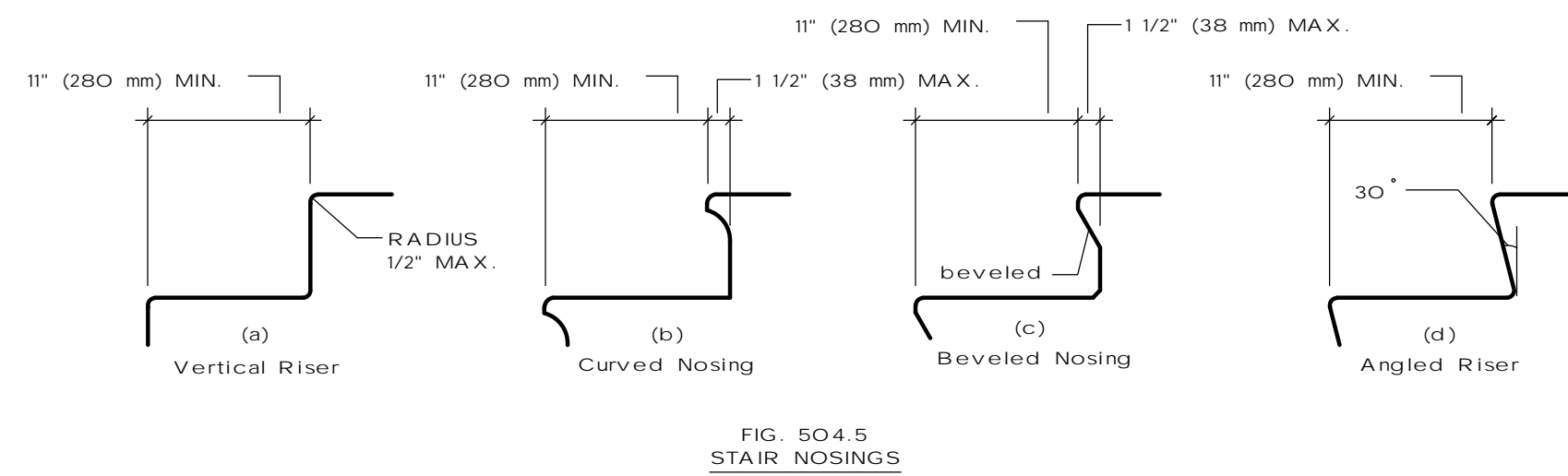
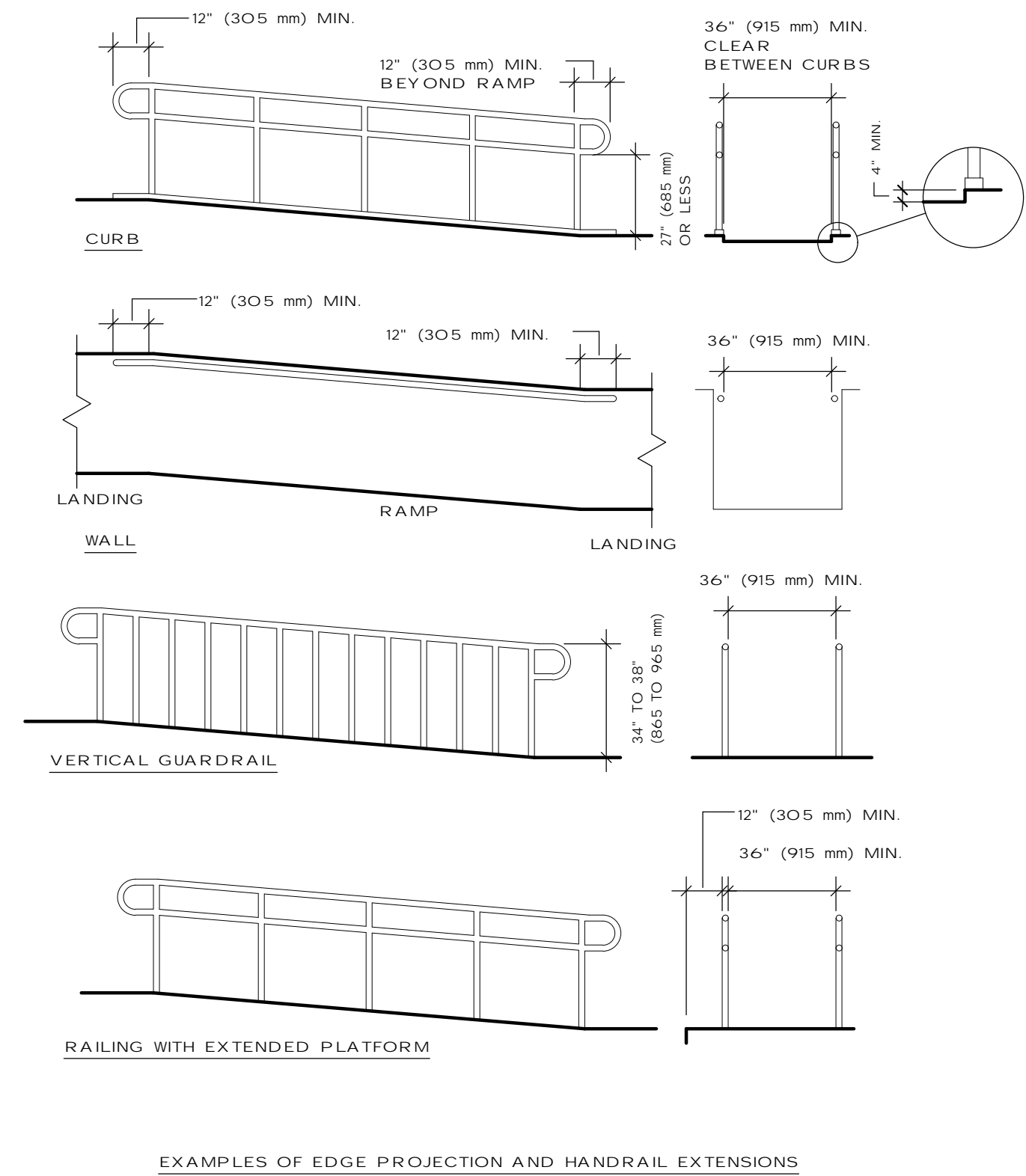
502.4.1 Location. Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Access aisles shall not overlap with the vehicular way. Parking spaces shall be permitted to have access aisles placed on either side of the car or van parking space. Van parking spaces that are angled shall have access aisles located on the passenger side of the parking space.  
 502.4.2 Width. Access aisles serving car and van parking spaces shall be 60 inches (1525 mm) minimum in width.  
 502.4.3 Length. Access aisles shall extend the full length of the parking spaces they serve.  
 502.5 Floor Surfaces. Parking spaces and access aisles shall comply with Section 302 and have surface slopes not steeper than 1:48. Access aisles shall be at the same level as the parking spaces they serve.  
 502.6 Vertical Clearance. A vertical clearance of 78 inches (2490 mm) minimum shall be provided at the following locations:  
 1. Parking spaces for vans.  
 2. The access aisles serving parking spaces for vans.  
 3. The vehicular routes serving parking spaces for vans.  
 502.7 Identification. Where accessible parking spaces are required to be identified by signs, the signs shall include the International Symbol of Accessibility complying with Section 703.6.3.1. Signs identifying van parking spaces shall contain the designation "van accessible". Such signs shall be 60 inches (1525 mm) minimum above the floor of the parking space, measured to the bottom of the sign.

503 PASSENGER LOADING ZONES

503.1 General. Accessible passenger loading zones shall comply with Section 503.  
 503.2 Vehicle Pull-up Space Size. Passenger loading zones shall provide a vehicular pull-up space 96 inches (2440 mm) minimum in width and 20 feet (6095 mm) minimum in length.  
 503.3 Access Aisle. Passenger loading zones shall have an adjacent access aisle complying with Section 503.3.  
 503.3.1 Location. Access aisles shall adjoin an accessible route. Access aisles shall not overlap the vehicular way.  
 503.3.2 Width. Access aisles serving vehicle pull-up spaces shall be 60 inches (1525 mm) minimum in width.

503.3.3 Length. Access aisles shall be 20 feet (6095 mm) minimum in length.  
 503.3.4 Marking. Access aisles shall be marked so as to discourage parking in them.  
 503.4 Floor Surfaces. Vehicle pull-up spaces and access aisles serving them shall comply with Section 302 and shall have slopes not steeper than 1:48. Access aisles shall be at the same level as the vehicle pull-up space they serve.  
 503.5 Vertical Clearance. A vertical clearance of 74 inches (2895 mm) minimum shall be provided at the following locations:  
 1. Vehicle pull-up spaces;  
 2. The access aisles serving vehicle pull-up spaces;  
 3. A vehicular route from an entrance to the passenger loading zone, and;  
 4. A vehicular route from the passenger loading zone to a vehicular exit serving vehicle pull-up spaces.  
 504 STAIRWAYS  
 504.1 General. Accessible stairs shall comply with Section 504.

504.2 Treads and Risers. All steps on a flight of stairs shall have uniform riser height and uniform tread depth. Risers shall be 4 inches (100 mm) minimum and 7 inches (180 mm) maximum in height. Treads shall be 11 inches (280 mm) minimum in depth.  
 504.3 Open Risers. Open risers shall not be permitted.  
 504.4 Tread Surface. Stair treads shall comply with Section 302 and shall have a slope not steeper than 1:48.  
 504.5 Nosings. The radius of curvature at the leading edge of the tread shall be 1/4 inch (3 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall be 1/2 inches (38 mm) maximum over the tread or floor below.  
 504.5.1 Visual Contrast. The leading 2 inches (51 mm) of the tread shall have visual contrast of dark-on-light or light-on-dark from the remainder of the tread.  
 504.6 Handrails. Stairs shall have handrails complying with Section 505.  
 504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.



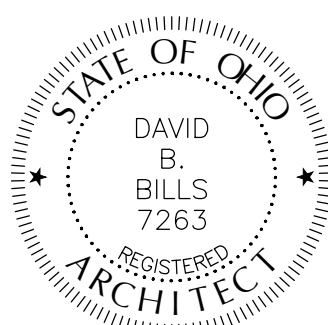
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DAVID B. BILLS, LICENSE #7263  
EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
12/23/20

A201265

ACCESSIBILITY  
GUIDELINES (EXTERIOR)

G103

302 FLOOR SURFACES

302.1 General. Floor surfaces shall be stable, firm, and slip resistant, and shall comply with Section 302. Changes in level in floor surfaces shall comply with Section 303.

302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level, loop, textured loop, level cut pile, or level cut/loop pile texture. The pile shall be 1/2 inch (13 mm) maximum in height. Exposed edges of carpet shall be fastened to the floor and shall have trim along the entire length of the exposed edge. Carpet edge trim shall comply with Section 303.

302.3 Openings. Openings in floor surfaces shall be of a size that does not permit the passage of a 1/2-inch (13 mm) diameter sphere, except as allowed in Sections 401.4.3, 408.4.3, 409.4.3, 410.4, and 805.10. Elongated openings shall be placed so that the long dimension is perpendicular to the predominant direction of travel.

304 TURNING SPACE

304.1 General. A turning space shall comply with Section 304. 304.2 Floor Surface. Floor surfaces of a turning space shall comply with Section 302. Changes in level are not permitted within the turning space.

304.3 Size. Turning spaces shall comply with Section 304.3.1 or 304.3.2.

304.3.1 Circular Space. The turning space shall be a circular space with a 60-inch (1525 mm) minimum diameter. The turning space shall be permitted to include knee and toe clearance complying with Section 306.

304.3.2 T-shaped Space. The turning space shall be a T-shaped space within a 60-inch (1525 mm) minimum square, with arms and base 36 inches (915 mm) minimum in width. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction, and the base shall be clear of obstructions 24 inches (610 mm) minimum. The turning space shall be permitted to include knee and toe clearance complying with Section 306 only at the end of either the base or 304.4 Door Swing. Unless otherwise specified, doors shall be permitted to swing into turning spaces.

305 CLEAR FLOOR SPACE

305.1 General. A clear floor space shall comply with Section 305. 305.2 Floor Surfaces. Floor surfaces of a clear floor space shall comply with Section 302. Changes in level are not permitted within the clear floor space.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted. 305.3 Size. The clear floor space shall be 48 inches (1220 mm) minimum in length and 30 inches (760 mm) minimum in width.

305.4 Knee and Toe Clearance. Unless otherwise specified, clear floor space shall be permitted to include knee and toe clearance complying with Section 306.

305.5 Position. Unless otherwise specified, the clear floor space shall be positioned for either forward or parallel approach to an element.

305.6 Approach. One full, unobstructed side of the clear floor space shall adjoin or overlap an accessible route or adjoin another clear floor space.

305.7 Alcoves. If a clear floor space is in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearances complying with Sections 305.7.1 and 305.7.2 shall be provided, as applicable.

305.7.1 Parallel Approach. Where the clear floor space is positioned for a parallel approach, the alcove shall be 60 inches (1525 mm) minimum in width where the depth exceeds 15 inches (380 mm).

305.7.2 Forward Approach. Where the clear floor space is positioned for a forward approach, the alcove shall be 36 inches (915 mm) minimum in width where the depth exceeds 24 inches (610 mm).

306 KNEE & TOE CLEARANCE

306.1 General. Where space beneath an element is included as part of clear floor space at an element, clearance at an element, or a turning space, the space shall comply with Section 306. Additional space shall not be prohibited beneath an element, but shall not be considered as part of the clear floor space or turning space.

306.2 Toe Clearance

306.2.1 General. Space beneath an element between the floor and 4 inches (230 mm) above the floor shall be considered toe clearance and shall comply with Section 306.2.

306.2.2 Maximum Depth. Toe clearance shall be permitted to extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Depth. Where toe clearance is required at an element as part of a clear floor space complying with Section 305, the toe clearance shall extend 17 inches (430 mm) minimum beneath the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 4 inches (230 mm) above the floor shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) minimum in width.

306.3 Knee Clearance

306.3.1 General. Space beneath an element between 4 inches (230 mm) and 27 inches (685 mm) above the floor shall be considered knee clearance and shall comply with Section 306.3.

306.3.2 Maximum Depth. Knee clearance shall be permitted to extend 25 inches (635 mm) maximum under an element at 4 inches (230 mm) above the floor.

306.3.3 Minimum Depth. Where knee clearance is required beneath an element as part of a clear floor space complying with Section 305, the knee clearance shall be 11 inches (280 mm) minimum in depth at 4 inches (230 mm) above the floor, and 8 inches (205 mm) minimum in depth at 27 inches (685 mm) above the floor.

306.3.4 Clearance Reduction. Between 4 inches (230 mm) and 27 inches (685 mm) above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) minimum in width.

307 PROTRUDING OBJECTS

307.1 General. Protruding objects on circulation paths shall comply with Section 307.

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the floor shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

307.3 Post-Mounted Objects. Objects on posts or pylons shall be permitted to overhang 4 inches (100 mm) maximum where more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches (305 mm) shall have the lowest edge of such object either 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the floor.

EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply with Section 307.3.

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm). The leading edge of such rails or barrier shall be located 27 inches (685 mm) maximum above the floor.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the floor.

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space complying with Section 305 shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum above the floor where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum above the floor, and the reach depth shall be 25 inches (635 mm) maximum.

308.3 Side Reach. 308.3.1 Unobstructed. Where a clear floor space complying with Section 305 allows a parallel approach to an element and the edge of the clear floor space is 10 inches (255 mm) maximum from the element, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the floor.

EXCEPTION: Existing elements that are not altered shall be permitted at 54 inches (1370 mm) maximum above the floor.

308.3.2 Obstructed High Reach. Where a clear floor space complying with Section 305 allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum above the floor and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum above the floor for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum above the floor for a reach depth of 24 inches (610 mm) maximum.

EXCEPTION: At washing machines and clothes dryers, the height of the obstruction shall be permitted to be 36 inches (915 mm) maximum above the floor.

304 OPERABLE PARTS

304.1 General. Operable parts required to be accessible shall comply with Section 304.

304.2 Clear Floor Space. A clear floor space complying with Section 305 shall be provided.

304.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in Section 308.

304.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5.0 pounds (22.2 N) maximum.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

305.3 Size. The clear floor space shall be 48 inches (1220 mm) minimum in length and 30 inches (760 mm) minimum in width.

305.4 Knee and Toe Clearance. Unless otherwise specified, clear floor space shall be permitted to include knee and toe clearance complying with Section 306.

305.5 Position. Unless otherwise specified, the clear floor space shall be positioned for either forward or parallel approach to an element.

305.6 Approach. One full, unobstructed side of the clear floor space shall adjoin or overlap an accessible route or adjoin another clear floor space.

305.7 Alcoves. If a clear floor space is in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearances complying with Sections 305.7.1 and 305.7.2 shall be provided, as applicable.

305.7.1 Parallel Approach. Where the clear floor space is positioned for a parallel approach, the alcove shall be 60 inches (1525 mm) minimum in width where the depth exceeds 15 inches (380 mm).

305.7.2 Forward Approach. Where the clear floor space is positioned for a forward approach, the alcove shall be 36 inches (915 mm) minimum in width where the depth exceeds 24 inches (610 mm).

306 KNEE & TOE CLEARANCE

306.1 General. Where space beneath an element is included as part of clear floor space at an element, clearance at an element, or a turning space, the space shall comply with Section 306. Additional space shall not be prohibited beneath an element, but shall not be considered as part of the clear floor space or turning space.

306.2 Toe Clearance

306.2.1 General. Space beneath an element between the floor and 4 inches (230 mm) above the floor shall be considered toe clearance and shall comply with Section 306.2.

306.2.2 Maximum Depth. Toe clearance shall be permitted to extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Depth. Where toe clearance is required at an element as part of a clear floor space complying with Section 305, the toe clearance shall extend 17 inches (430 mm) minimum beneath the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 4 inches (230 mm) above the floor shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) minimum in width.

306.3 Knee Clearance

306.3.1 General. Space beneath an element between 4 inches (230 mm) and 27 inches (685 mm) above the floor shall be considered knee clearance and shall comply with Section 306.3.

306.3.2 Maximum Depth. Knee clearance shall be permitted to extend 25 inches (635 mm) maximum under an element at 4 inches (230 mm) above the floor.

306.3.3 Minimum Depth. Where knee clearance is required beneath an element as part of a clear floor space complying with Section 305, the knee clearance shall be 11 inches (280 mm) minimum in depth at 4 inches (230 mm) above the floor, and 8 inches (205 mm) minimum in depth at 27 inches (685 mm) above the floor.

306.3.4 Clearance Reduction. Between 4 inches (230 mm) and 27 inches (685 mm) above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) minimum in width.

307 PROTRUDING OBJECTS

307.1 General. Protruding objects on circulation paths shall comply with Section 307.

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the floor shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

307.3 Post-Mounted Objects. Objects on posts or pylons shall be permitted to overhang 4 inches (100 mm) maximum where more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches (305 mm) shall have the lowest edge of such object either 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the floor.

EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply with Section 307.3.

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm). The leading edge of such rails or barrier shall be located 27 inches (685 mm) maximum above the floor.

404 DOORS AND DOORWAYS

404.1 General. Doors and doorways that are part of an accessible route shall comply with Section 404.

404.2 Manual Doors. Manual doors and doorways, and manual gates, including pocket doors, shall comply with Section 404.2.

EXCEPTION: Doors, doorways, and gates designed to be operated only by security personnel shall not be required to comply with Sections 404.2.6, 404.2.7, and 404.2.8.

404.2.1 Double-Leaf Doors and Gates. At least one of the active leaves of doorways with two leaves shall comply with Sections 404.2.2 and 404.2.3.

404.2.2 Clear Width. Doorways shall have a clear opening width of 32 inches (815 mm) minimum. Clear opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) in depth at doors and doorways without doors shall provide a clear opening width of 36 inches (915 mm) minimum. There shall be no projections into the clear opening width lower than 34 inches (865 mm) above the floor. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the floor shall not exceed 4 inches (100 mm).

EXCEPTIONS: 1. Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the floor.

2. In alterations, a projection of 1/8 inch (16 mm) maximum into the required clear opening width shall be permitted for the latch side stop.

404.2.3 Maneuvering Clearances. Minimum maneuvering clearances at doors shall comply with Section 404.2.3.1 and shall include the full clear opening width of the doorway. Required door maneuvering clearances shall not include knee and toe clearance.

404.2.3.1 Floor Surface. Floor surface within the maneuvering clearances shall have a slope not steeper than 1:48 and shall comply with Section 302.

404.2.3.2 Swinging Doors. Swinging doors shall have maneuvering clearances complying with Table 404.2.3.2. 404.2.3.3 Sliding and Folding Doors. Sliding doors and folding doors shall have maneuvering clearances complying with Table 404.2.3.3.

404.2.3.4 Doorways without Doors. Doorways without doors that are less than 36 inches (915 mm) in width shall have maneuvering clearances complying with Table 404.2.3.4.

404.2.3.5 Recessed Doors. Where any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door, maneuvering clearances for a forward approach shall be provided.

404.2.4 Thresholds. If provided, thresholds at doorways shall be 1/2 inch (13 mm) maximum in height. Raised thresholds and changes in level at doorways shall comply with Sections 302 and 303.

EXCEPTION: An existing or altered threshold shall be permitted to be 3/4 inch (19 mm) maximum in height provided that the threshold has a beveled edge on each side with a maximum slope of 1:2 for the height exceeding 1/4 inch (6.4 mm).

404.2.5 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304.

404.2.6 Maneuvering Clearances. Maneuvering clearances at power-assisted doors shall comply with Section 404.2.3.

404.2.8 Thresholds. Thresholds and changes in level at doorways shall comply with Section 404.2.4.

12 min. 305

18 min. 455

60 min. 1525

36 min. 915

12 min. 305

48 min. 1220

42 min. 1065

12 min. 305

42 min. 1065

306 KNEE & TOE CLEARANCE

306.1 General. Where space beneath an element is included as part of clear floor space at an element, clearance at an element, or a turning space, the space shall comply with Section 306. Additional space shall not be prohibited beneath an element, but shall not be considered as part of the clear floor space or turning space.

306.2 Toe Clearance

306.2.1 General. Space beneath an element between the floor and 4 inches (230 mm) above the floor shall be considered toe clearance and shall comply with Section 306.2.

306.2.2 Maximum Depth. Toe clearance shall be permitted to extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Depth. Where toe clearance is required at an element as part of a clear floor space complying with Section 305, the toe clearance shall extend 17 inches (430 mm) minimum beneath the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 4 inches (230 mm) above the floor shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) minimum in width.

306.3 Knee Clearance

306.3.1 General. Space beneath an element between 4 inches (230 mm) and 27 inches (685 mm) above the floor shall be considered knee clearance and shall comply with Section 306.3.

306.3.2 Maximum Depth. Knee clearance shall be permitted to extend 25 inches (635 mm) maximum under an element at 4 inches (230 mm) above the floor.

306.3.3 Minimum Depth. Where knee clearance is required beneath an element as part of a clear floor space complying with Section 305, the knee clearance shall be 11 inches (280 mm) minimum in depth at 4 inches (230 mm) above the floor, and 8 inches (205 mm) minimum in depth at 27 inches (685 mm) above the floor.

306.3.4 Clearance Reduction. Between 4 inches (230 mm) and 27 inches (685 mm) above the floor, the knee clearance shall be permitted to be reduced at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) minimum in width.

307 PROTRUDING OBJECTS

307.1 General. Protruding objects on circulation paths shall comply with Section 307.

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the floor shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

307.3 Post-Mounted Objects. Objects on posts or pylons shall be permitted to overhang 4 inches (100 mm) maximum where more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches (305 mm) shall have the lowest edge of such object either 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the floor.

EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply with Section 307.3.

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm). The leading edge of such rails or barrier shall be located 27 inches (685 mm) maximum above the floor.

404 DOORS AND DOORWAYS

404.1 General. Doors and doorways that are part of an accessible route shall comply with Section 404.

404.2 Manual Doors. Manual doors and doorways, and manual gates, including pocket doors, shall comply with Section 404.2.

EXCEPTION: Doors, doorways, and gates designed to be operated only by security personnel shall not be required to comply with Sections 404.2.6, 404.2.7, and 404.2.8.

404.2.1 Double-Leaf Doors and Gates. At least one of the active leaves of doorways with two leaves shall comply with Sections 404.2.2 and 404.2.3.

404.2.2 Clear Width. Doorways shall have a clear opening width of 32 inches (815 mm) minimum. Clear opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) in depth at doors and doorways without doors shall provide a clear opening width of 36 inches (915 mm) minimum. There shall be no projections into the clear opening width lower than 34 inches (865 mm) above the floor. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the floor shall not exceed 4 inches (100 mm).

EXCEPTIONS: 1. Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the floor.

2. In alterations, a projection of 1/8 inch (16 mm) maximum into the required clear opening width shall be permitted for the latch side stop.

404.2.3 Maneuvering Clearances. Minimum maneuvering clearances at doors shall comply with Section 404.2.3.1 and shall include the full clear opening width of the doorway. Required door maneuvering clearances shall not include knee and toe clearance.

404.2.3.1 Floor Surface. Floor surface within the maneuvering clearances shall have a slope not steeper than 1:48 and shall comply with Section 302.

404.2.3.2 Swinging Doors. Swinging doors shall have maneuvering clearances complying with Table 404.2.3.2. 404.2.3.3 Sliding and Folding Doors. Sliding doors and folding doors shall have maneuvering clearances complying with Table 404.2.3.3.

404.2.3.4 Doorways without Doors. Doorways without doors that are less than 36 inches (915 mm) in width shall have maneuvering clearances complying with Table 404.2.3.4.

404.2.3.5 Recessed Doors. Where any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door, maneuvering clearances for a forward approach shall be provided.

404.2.4 Thresholds. If provided, thresholds at doorways shall be 1/2 inch (13 mm) maximum in height. Raised thresholds and changes in level at doorways shall comply with Sections 302 and 303.

EXCEPTION: An existing or altered threshold shall be permitted to be 3/4 inch (19 mm) maximum in height provided that the threshold has a beveled edge on each side with a maximum slope of 1:2 for the height exceeding 1/4 inch (6.4 mm).

404.2.5 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304.

404.2.6 Maneuvering Clearances. Maneuvering clearances at power-assisted doors shall comply with Section 404.2.3.

404.2.8 Thresholds. Thresholds and changes in level at doorways shall comply with Section 404.2.4.

EXCEPTION: An existing or altered threshold shall be permitted to be 3/4 inch (19 mm) maximum in height provided that the threshold has a beveled edge on each side with a maximum slope of 1:2 for the height exceeding 1/4 inch (6.4 mm).

404.2.9 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304.

404.2.10 Maneuvering Clearances. Maneuvering clearances at power-assisted doors shall comply with Section 404.2.3.

404.2.12 Thresholds. Thresholds and changes in level at doorways shall comply with Section 404.2.4.

EXCEPTION: An existing or altered threshold shall be permitted to be 3/4 inch (19 mm) maximum in height provided that the threshold has a beveled edge on each side with a maximum slope of 1:2 for the height exceeding 1/4 inch (6.4 mm).

404.2.13 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304.

404.2.14 Maneuvering Clearances. Maneuvering clearances at power-assisted doors shall comply with Section 404.2.3.

404.2.16 Thresholds. Thresholds and changes in level at doorways shall comply with Section 404.2.4.

EXCEPTION: An existing or altered threshold shall be permitted to be 3/4 inch (19 mm) maximum in height provided that the threshold has a beveled edge on each side with a maximum slope of 1:2 for the height exceeding 1/4 inch (6.4 mm).

404.2.17 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches (1220 mm) minimum plus the width of any door swinging into the space. The space between the doors shall provide a turning space complying with Section 304.

**COMcheck Software Version 4.1.5.0**  
**Envelope Compliance Certificate**

**Project Information**

Energy Code: 2012 IECC  
 Project Title: Renovations and Addition for: Covered Wagon  
 Location: Union, Ohio  
 Climate Zone: 5a  
 Project Type: Addition  
 Vertical Glazing / Wall Area: 3%

Construction Site: 607 North Main Street, Union, OH 45322  
 Owner/Agent: Dan Garber, Covered Wagon, 607 North Main Street, Union, OH 45322, 937-832-1590, davebills@brownandbills.com  
 Designer/Contractor: David Bills, Brown & Bills Architects, 55 Hillside Court, Englewood, OH 45322, 937-832-1590, davebills@brownandbills.com

Building Area	Floor Area
1-Farmers Market (Retail) - Nonresidential	8942

Envelope Assemblies	Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor
Floor 1: Slab-On-Grade-Heated, Horizontal with vertical 4 ft. [Bldg. Use 1 - Farmers Market] (a)		409	—	10.0	1.130	0.790
Exterior Wall 1: Wood-Framed, 24" o.c., [Bldg. Use 1 - Farmers Market]		6556	19.0	0.0	0.065	0.064
Window 1: VinylFiberglass Frame-Fixed, Perf. Specs.: Product ID NA, SHGC 0.70, [Bldg. Use 1 - Farmers Market] (c)		90	—	—	0.480	0.380
Window 2: VinylFiberglass Frame-Fixed, Perf. Specs.: Product ID NA, SHGC 0.70, [Bldg. Use 1 - Farmers Market] (c)		20	—	—	0.480	0.380
Window 3: VinylFiberglass Frame-Fixed, Perf. Specs.: Product ID NA, SHGC 0.70, [Bldg. Use 1 - Farmers Market] (c)		28	—	—	0.480	0.380
Window 4: VinylFiberglass Frame-Fixed, Perf. Specs.: Product ID NA, SHGC 0.70, [Bldg. Use 1 - Farmers Market] (c)		9	—	—	0.480	0.380
Window 5: VinylFiberglass Frame-Fixed, Perf. Specs.: Product ID NA, SHGC 0.70, [Bldg. Use 1 - Farmers Market] (c)		4	—	—	0.480	0.380
Door 1: Uninsulated Single-Layer Metal, Swinging, [Bldg. Use 1 - Farmers Market]		210	—	—	0.100	0.370
Door 2: Glass (>50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID NA, SHGC: 1.00, [Bldg. Use 1 - Farmers Market] (c)		84	—	—	0.620	0.770
Roof 1: Other Metal Building Roof, [Bldg. Use 1 - Farmers Market] (b)		9310	—	—	0.026	0.035

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.  
 (b) Other components require supporting documentation for proposed U-factors.  
 (c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.  
 (d) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Project Title: Renovations and Addition for: Covered Wagon  
 Data Filename: G:\Projects\Brown & Bills Architects\A201248 thru\A201265 Covered Wagon\_Project Folders\Permit\Covered Wagon.cck  
 Report date: 12/15/20  
 Page 1 of 9

**Envelope PASSES: Design 1% better than code**

**Envelope Compliance Statement**  
 Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.5.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.  
 Name: David B. Bills  
 Signature: [Signature]  
 Date: 12-15-2020

Project Title: Renovations and Addition for: Covered Wagon  
 Data Filename: G:\Projects\Brown & Bills Architects\A201248 thru\A201265 Covered Wagon\_Project Folders\Permit\Covered Wagon.cck  
 Report date: 12/15/20  
 Page 2 of 9

**CODE NOTES:**

**PROJECT DESCRIPTION:** RENOVATION AND ADDITION OF RESTAURANT AND MERCANTILE OF GOODS TO EXISTING MARKET BUILDING.

**APPLICABLE CODE:** 2017 OHIO BUILDING CODE

**USE GROUPS:** (M) MERCANTILE & (A-2) ASSEMBLY, NON-SEPARATED MIXED USE

**CONSTRUCTION TYPE:** VB

**FIRE SUPPRESSION:** SPRINKLERED

**AREA OF WORK:** 8,855 S.F. FIRST FLOOR, 1207 S.F. MEZZANINE; 1,358 S.F. EXISTING SHED; TOTAL 10,062 S.F.

**ALLOWABLE AREA FROM TABLE 506.2 (5-I):** A-2 24,000 S.F.; M 36,000 S.F. PER FLOOR (ACTUAL= 10,213 S.F.)

OCCUPANCY LOAD:	DESCRIPTION	AREA	1004.1.2	OCCUPANTS
	RESTAURANT (TABLES AND CHAIRS)	1,380 SF	1/15	42
	KITCHEN	1,469 SF	1/200	8
	MERCANTILE	3,441 SF	1/60	58
	MECH / STORAGE	1,280 SF	1/300	5
	EXISTING STORAGE SHED	1,358 SF	1/300	5
	TOTAL OCCUPANTS			168

**TRAVEL DISTANCE:** TABLE 1017.2 A, M= 250 FT SPRINKLERED

**FIRE EXTINGUISHERS:** PORTABLE FIRE EXTINGUISHERS SHALL BE PLACED BY THE OWNER AT THE DIRECTION OF THE LOCAL FIRE AUTHORITY.

**THERMAL INSULATION MATERIALS:**  
 EXPOSED INSULATION SHALL HAVE FLAME SPREAD RATING OF 25 OR LESS AND SMOKE DEVELOPMENT RATING OF 450 OR LESS. (OBC 714.3)  
 INSULATION MATERIALS, WHERE CONCEALED, SHALL HAVE FLAME SPREAD RATING OF 25 OR LESS AND SMOKE DEVELOPMENT RATING OF 450 OR LESS. (OBC 714.2)  
 INTEGRAL FACINGS NOT IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL SHALL HAVE FLAME SPREAD RATING OF 25 OR LESS AND SMOKE DEVELOPMENT RATING OF 450 OR LESS. (OBC 714.2)

**MEANS OF EGRESS DOORWAYS:**  
 ALL REQUIRED MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF O.B.C. SECTION 1008, INCLUDING HARDWARE. ALL REQUIRED EGRESS DOORS SHALL BE READILY OPERABLE FROM THE SIDE OF EGRESS WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE.

**PLUMBING FACILITIES (TABLE 2402.1)**  
 168 OCCUPANTS- 84 MALE, 84 FEMALE

	WATER CLOSET MALE	WATER CLOSET FEMALE	LAVATORY MALE	LAVATORY FEMALE	DRINKING FOUNTAIN
A-2	1/75	1/75	1/200	1/200	1/1000
M	1/500	1/500	1/750	1/750	1/1000
MOST RESTRICTIVE REQUIRED	1/75	1/75	1/200	1/200	1/1000
PROVIDED	2	2	1	1	1
	2	2	1	1	2

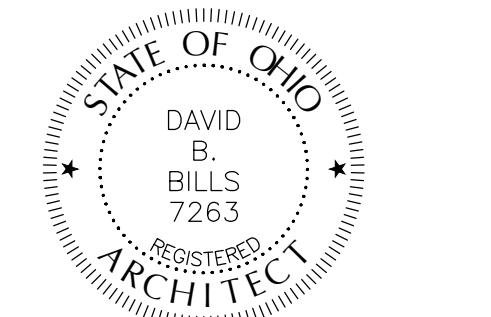
**PHYSICALLY HANDICAPPED & AGED:**  
 THIS PROJECT HAS BEEN DESIGNED TO MEET APPLICABLE PORTIONS OF THE ADAAG REQUIREMENTS.



**BROWN & BILLS ARCHITECTS**  
 55 HILLSIDE COURT  
 ENGLEWOOD, OH 45322  
 937.832.1150

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**COVERED WAGON**  
 607 NORTH MAIN STREET  
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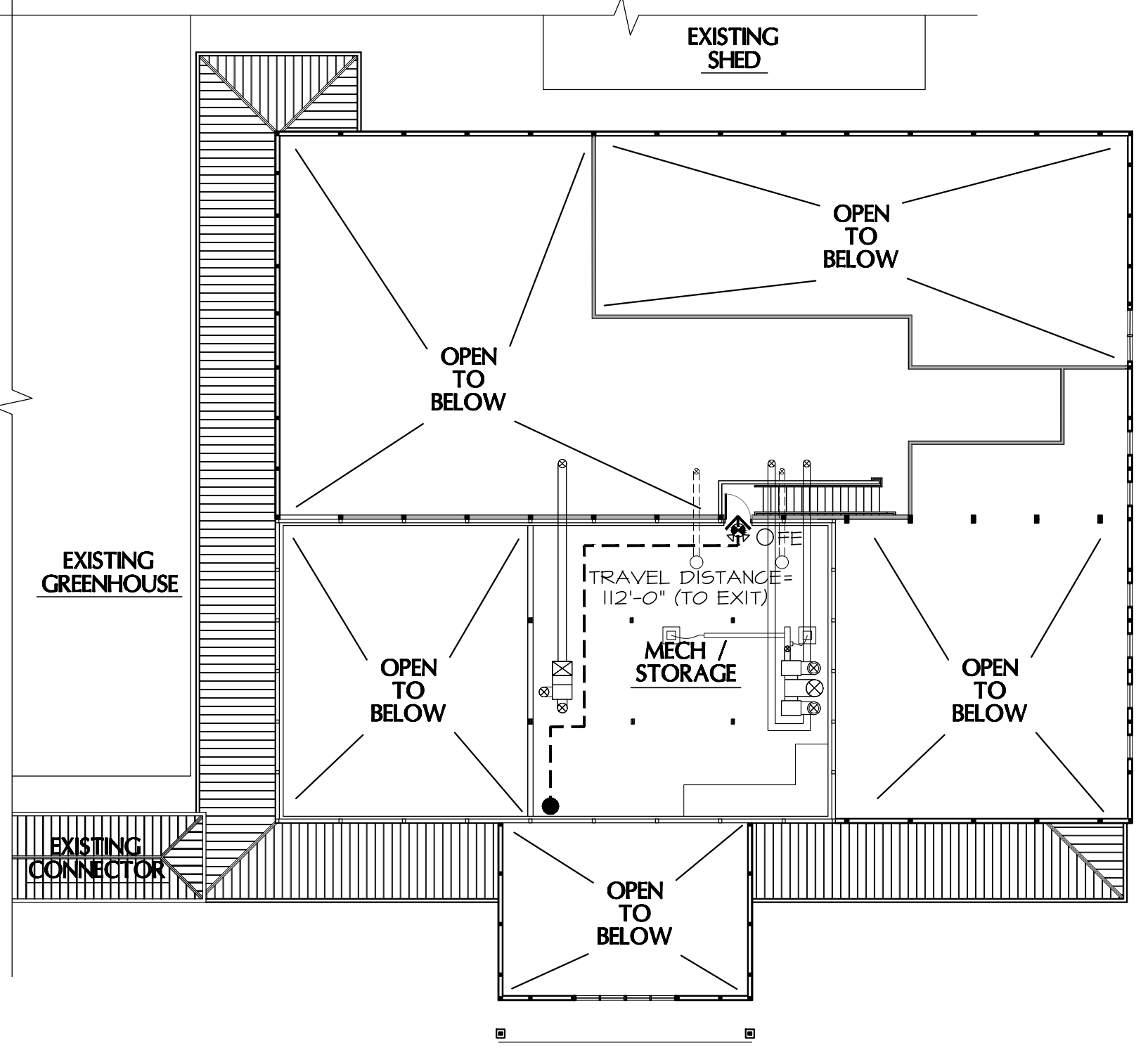
DAVID B. BILLS, LICENSE #7263  
 EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
 12/23/20

A201265

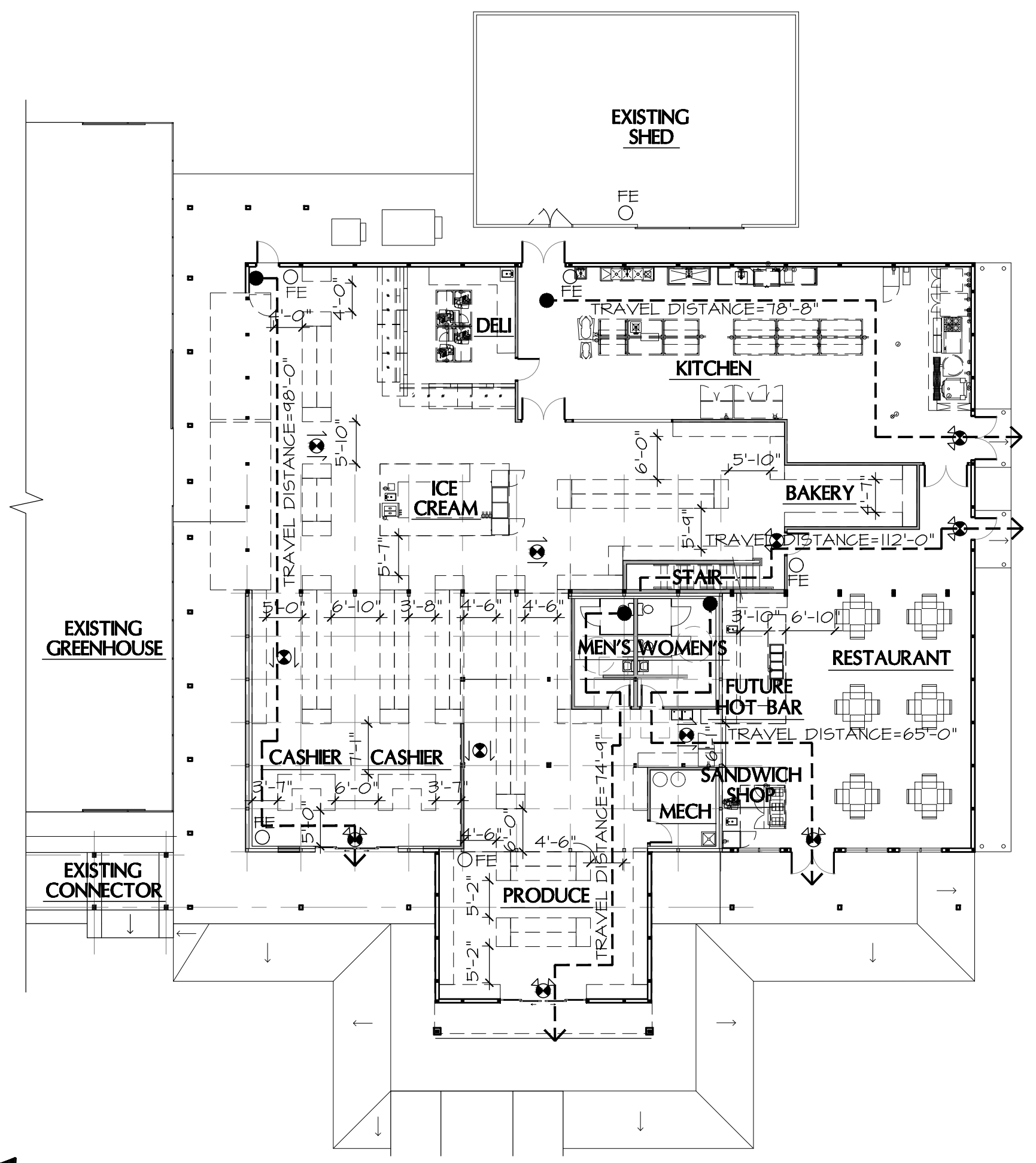
CODE PLANS

**G105**



**2 MEZZANINE CODE PLAN**

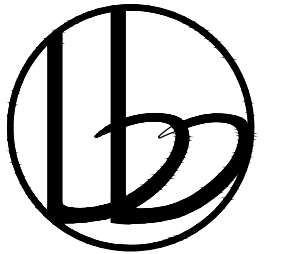
1/16" = 1'-0"



**1 FIRST FLOOR CODE PLAN**

1/16" = 1'-0"

**CODE PLAN LEGEND:**  
 TRAVEL DISTANCE= X'-X"  
 ●——→ EXIT TRAVEL PATH  
 ⚡ EXIT / EMERGENCY LIGHT  
 ↓ DIRECTIONAL EXIT LIGHT  
 FE ○ FIRE EXTINGUISHER



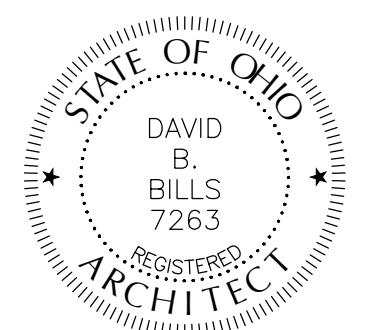
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12/23/20

A201265

FIRST FLOOR  
DEMOLITION PLAN

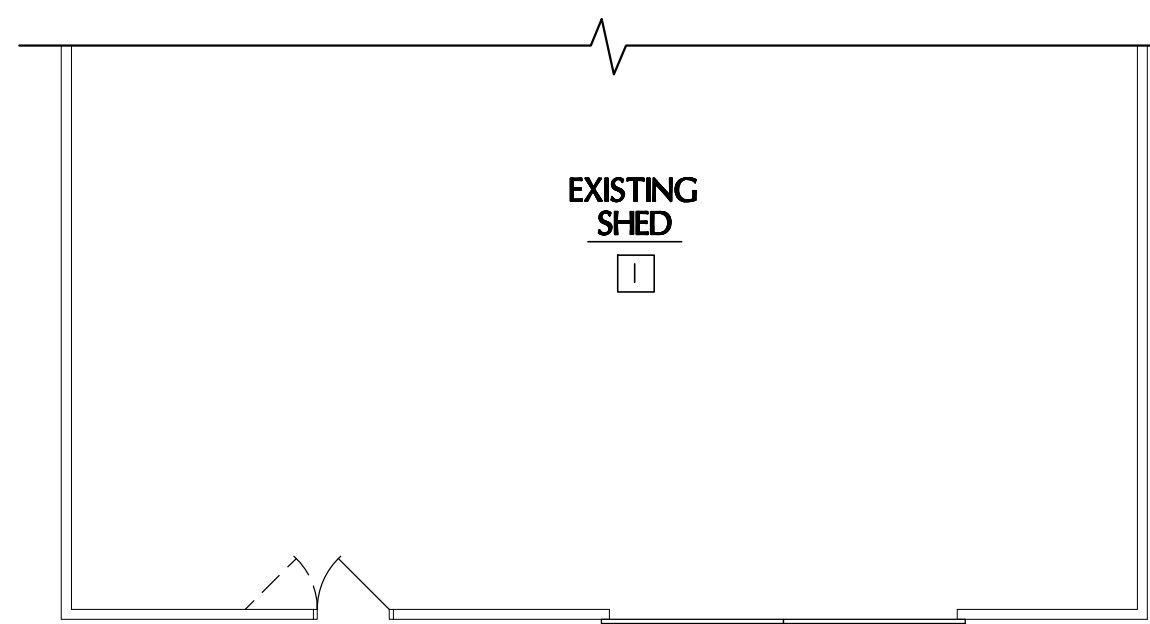
D101

GENERAL NOTES:

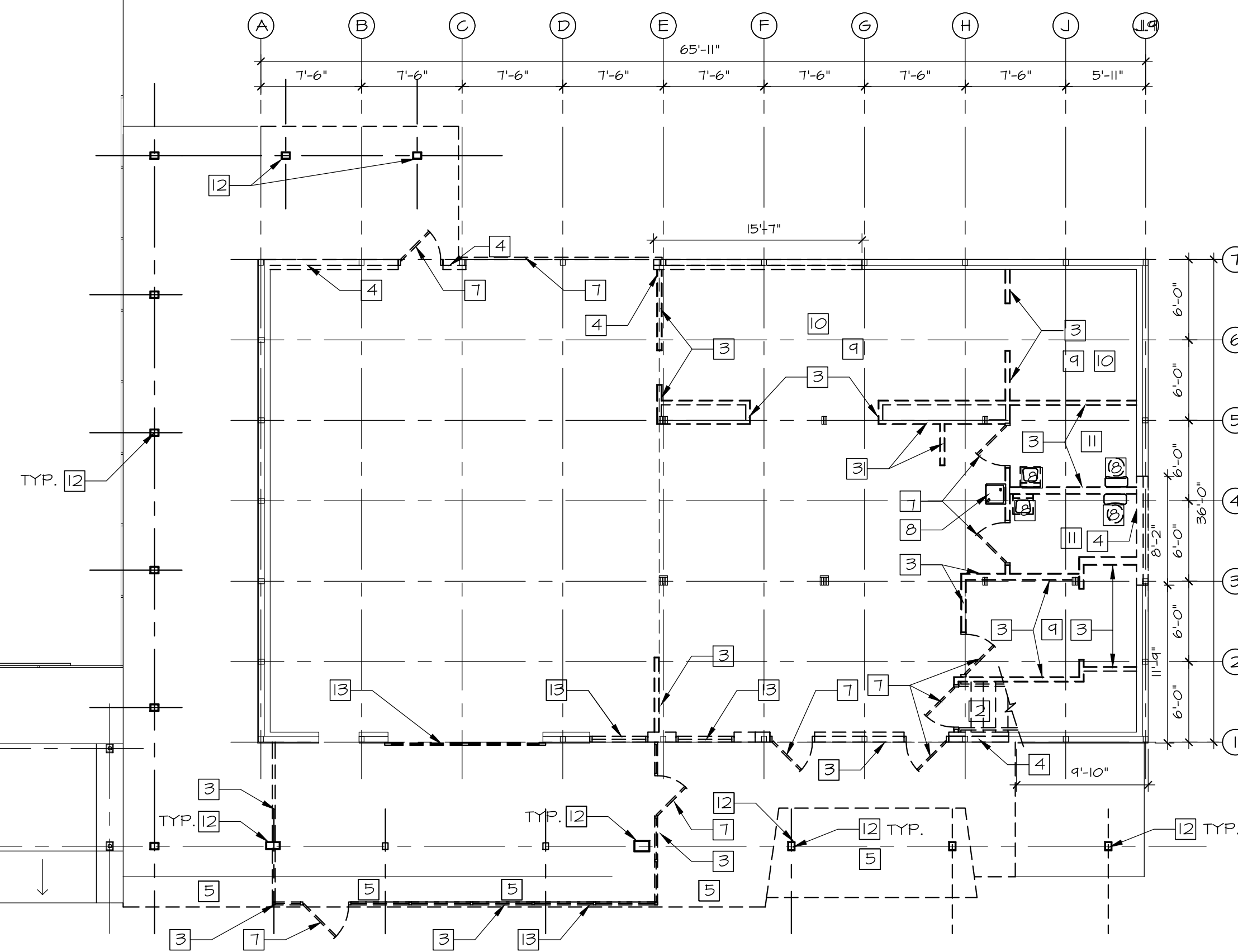
- A. BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. CONTRACTOR TO MAINTAIN ACCESS TO EXISTING BUILDING AND EXITS DURING DEMOLITION AND CONSTRUCTION.
- B. CONTRACTOR TO PROTECT EXISTING FIRE PULL STATIONS AND ALARMS DURING DEMOLITION AND CONSTRUCTION.
- C. INSTALL & MAINTAIN DUST BARRIERS & WALK OFF MATS AT ALL DOORWAYS TO POINTS OF ACCESS TO MAIN CORRIDORS.
- D. WHEN REMOVING ITEMS, PATCH AND REPAIR ADJACENT REMAINING SURFACES TO RECEIVE NEW WORK.
- E. OWNER TO REMOVE ALL LOOSE FURNITURE, EQUIPMENT, ETC. IN WORK AREAS PRIOR TO WORK BEING DONE.
- F. THOROUGHLY REMOVE, CLEAN & PATCH ANY / ALL SURFACES AS REQUIRED TO ACCEPT NEW CONSTRUCTION. SEE FLOOR PLANS & ROOM FINISH SCHEDULE FOR NEW FINISHES.
- G. DEMOLITION AGAINST EXISTING CONSTRUCTION SHALL BE DONE IN A CONTROLLED MANNER TO MINIMIZE DISTURBANCE OF EXISTING CONDITION.

SHEET NOTES:

- 1 EXISTING BUILDING; NO WORK.
- 2 EXISTING STAIRS TO BE REMOVED.
- 3 EXISTING PARTITION TO BE REMOVED.
- 4 PORTION OF EXISTING PARTITION TO BE REMOVED.
- 5 PORTION OF EXISTING CONCRETE TO BE REMOVED.
- 6 PORTION OF EXISTING PARTITION TO BE REMOVED.
- 7 EXISTING DOOR, FRAME & HARDWARE TO BE REMOVED.
- 8 EXISTING PLUMBING FIXTURE TO BE REMOVED AND TURNED OVER TO OWNER.
- 9 EXISTING MECHANICAL, ELECTRICAL & PLUMBING FIXTURES / DEVICES TO BE REMOVED / RELOCATED AS REQUIRED. SEE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS.
- 10 EXISTING KITCHEN FIXTURES / EQUIPMENT TO BE REMOVED OR RELOCATED; SEE KITCHEN EQUIPMENT DRAWINGS.
- 11 EXISTING CASEWORK & RESTROOM ACCESSORIES TO BE REMOVED THIS ROOM AND TURNED OVER TO OWNER.
- 12 EXISTING COLUMN TO BE REMOVED IF REQUIRED FOR NEW COVERED STRUCTURE; SEE STRUCTURAL DRAWINGS FOR EXTENT.
- 13 EXISTING WINDOWS TO BE REMOVED.

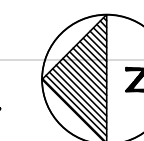


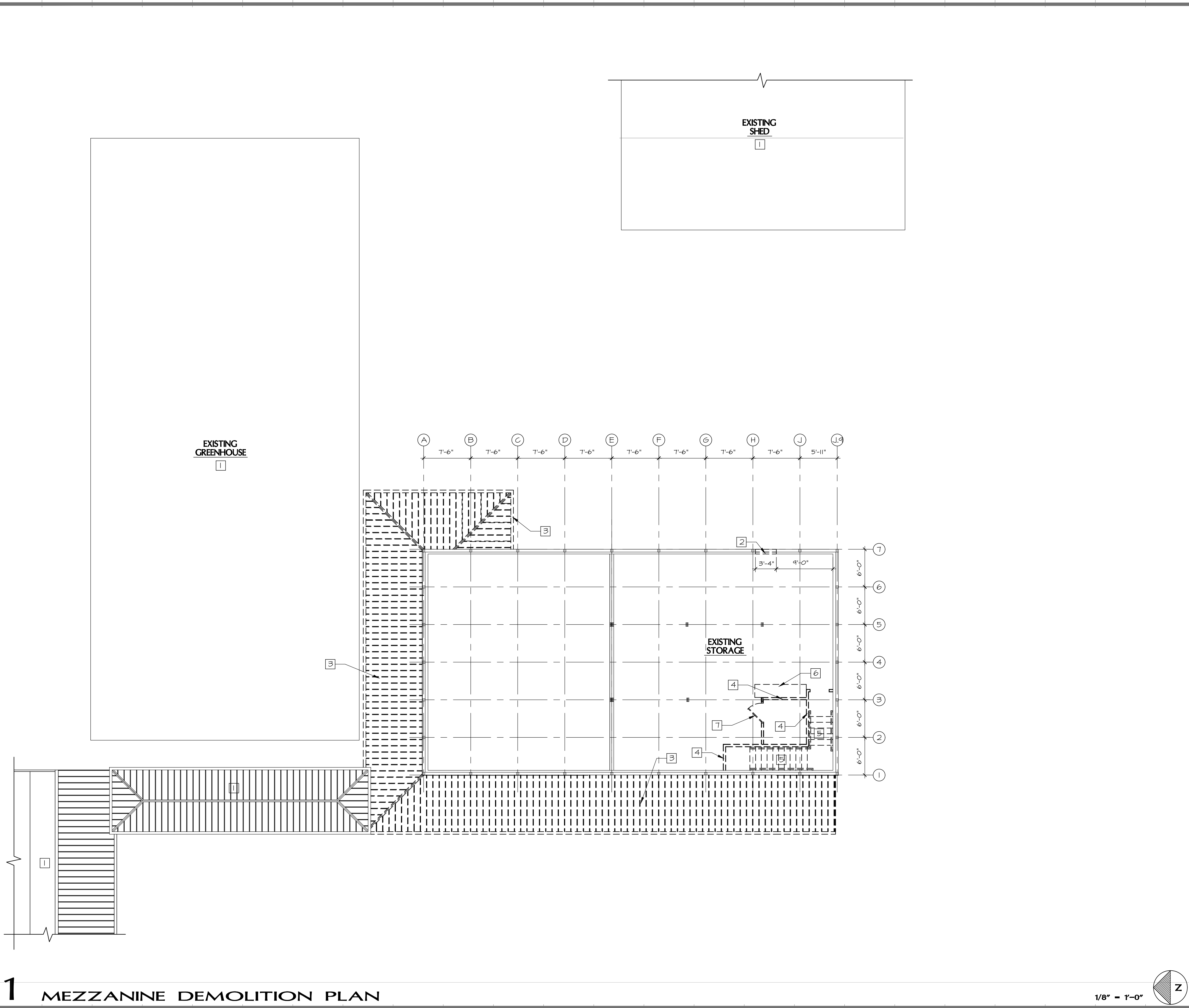
EXISTING GREENHOUSE  
1



1 FIRST FLOOR DEMOLITION PLAN

1/8" = 1'-0"



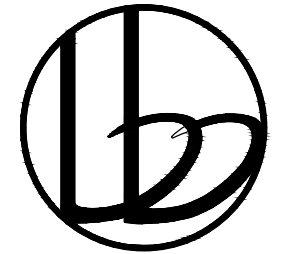


**GENERAL NOTES:**

- A. BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. CONTRACTOR TO MAINTAIN ACCESS TO EXISTING BUILDING AND EXITS DURING DEMOLITION AND CONSTRUCTION.
- B. CONTRACTOR TO PROTECT EXISTING FIRE PULL STATIONS AND ALARMS DURING DEMOLITION AND CONSTRUCTION.
- C. INSTALL & MAINTAIN DUST BARRIERS & WALK OFF MATS AT ALL DOORWAYS TO POINTS OF ACCESS TO MAIN CORRIDORS.
- D. WHEN REMOVING ITEMS, PATCH AND REPAIR ADJACENT REMAINING SURFACES TO RECEIVE NEW WORK.
- E. OWNER TO REMOVE ALL LOOSE FURNITURE, EQUIPMENT, ETC. IN WORK AREAS PRIOR TO WORK BEING DONE.
- F. THOROUGHLY REMOVE, CLEAN & PATCH ANY / ALL SURFACES AS REQUIRED TO ACCEPT NEW CONSTRUCTION. SEE FLOOR PLANS & ROOM FINISH SCHEDULE FOR NEW FINISHES.
- G. DEMOLITION AGAINST EXISTING CONSTRUCTION SHALL BE DONE IN A CONTROLLED MANNER TO MINIMIZE DISTURBANCE OF EXISTING CONDITION.

**SHEET NOTES:**

- 1 EXISTING STRUCTURE, NO WORK.
- 2 PORTION OF EXISTING WALL TO BE REMOVED TO RECEIVE NEW DOOR.
- 3 DEMOLITION OF COVERED WALK AS REQUIRED. ALL METAL ROOF AND CEILING TO BE REMOVED. FOR EXTENT OF REMOVED STRUCTURE AND COLUMNS, SEE STRUCTURAL DRAWINGS.
- 4 EXISTING WALL TO BE REMOVED.
- 5 EXISTING STAIRS TO BE REMOVED.
- 6 EXISTING CASEWORK TO BE REMOVED.
- 7 EXISTING DOOR, FRAME & HARDWARE TO BE REMOVED.



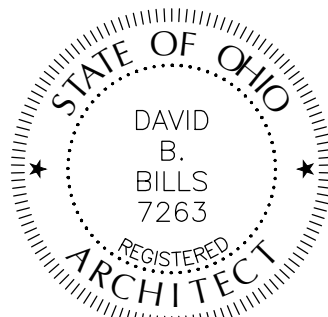
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EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
12/23/20

A201265

MEZZANINE FLOOR  
DEMOLITION PLAN

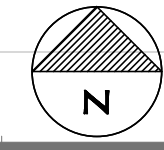
**D102**

**1 MEZZANINE DEMOLITION PLAN**

1/8" = 1'-0"



**1** ARCHITECTURAL SITE PLAN

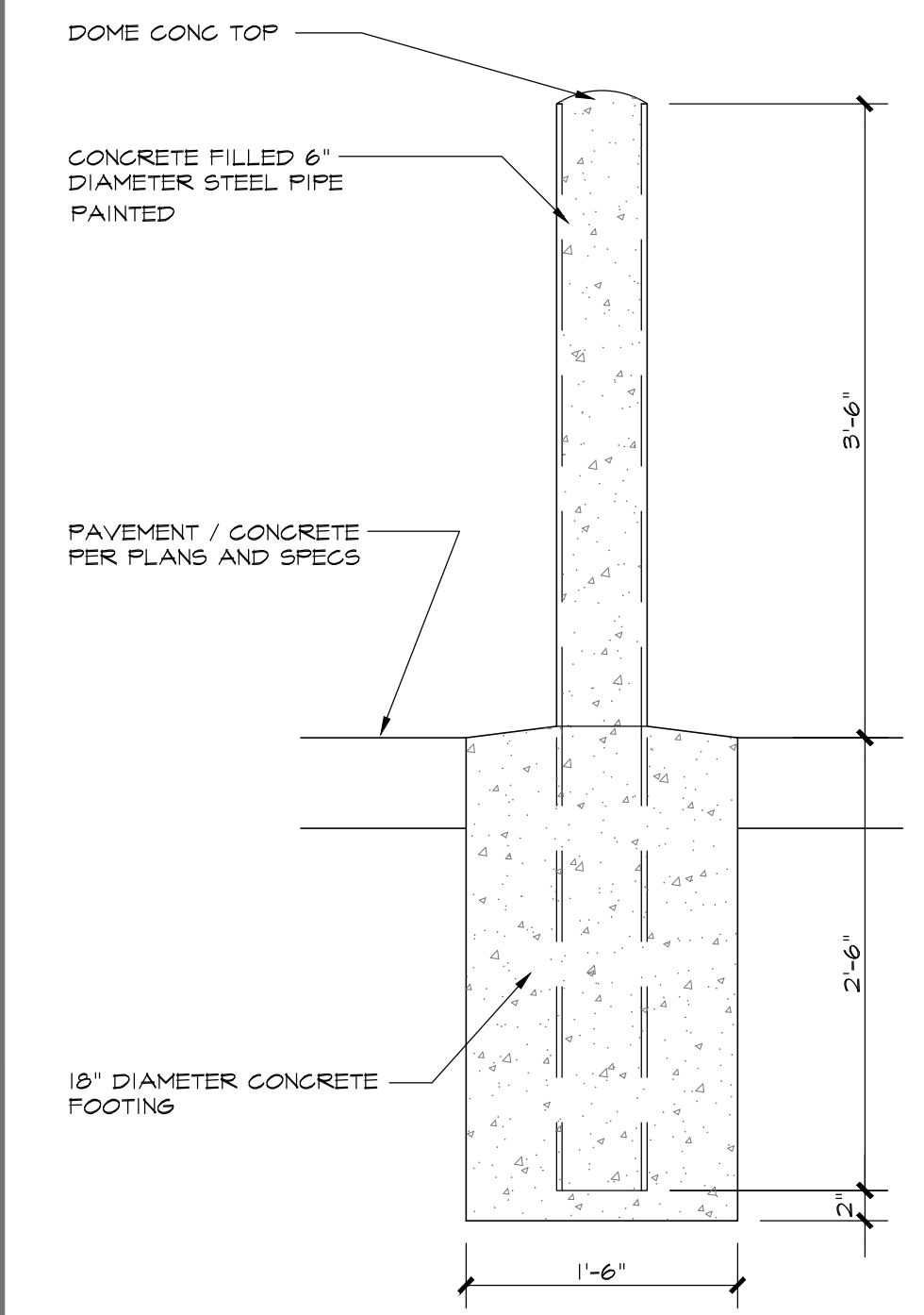
1" = 20'-0" 

**GENERAL NOTES:**

A. SEE CIVIL DRAWINGS FOR MORE SITE INFORMATION.

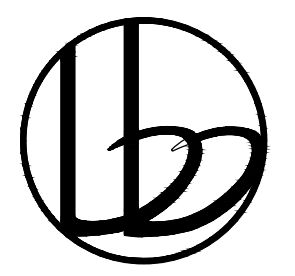
**SHEET NOTES:**

- 1 HC PARKING SPACE; SEE SHEET G103.
- 2 HC VAN PARKING SPACE; SEE SHEET G103.
- 3 CONCRETE RAMP; SEE SHEET G103 & CIVIL DRAWINGS.
- 4 EXISTING LIGHT & POLE; SEE ELECTRICAL DRAWINGS.
- 5 NEW LIGHT & POLE; SEE ELECTRICAL DRAWINGS.
- 6 RELOCATED SIGN.
- 7 NEW HC SIDEWALK; SEE CIVIL DRAWINGS SHEET G103.



**2** BOLLARD DETAIL

1" = 1'-0"



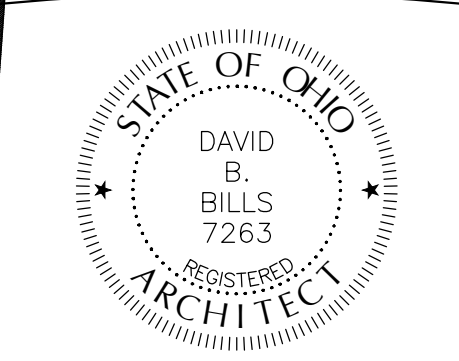
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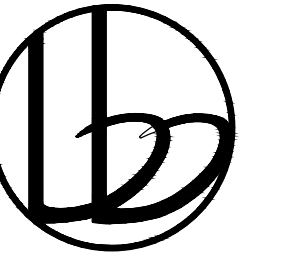
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SUBMITTAL DATE  
**12/23/20**

A201265

PROPOSED  
ARCHITECTURAL  
SITE PLAN

**A100**



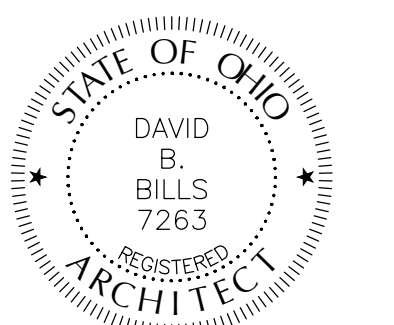
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FIRST FLOOR PLAN

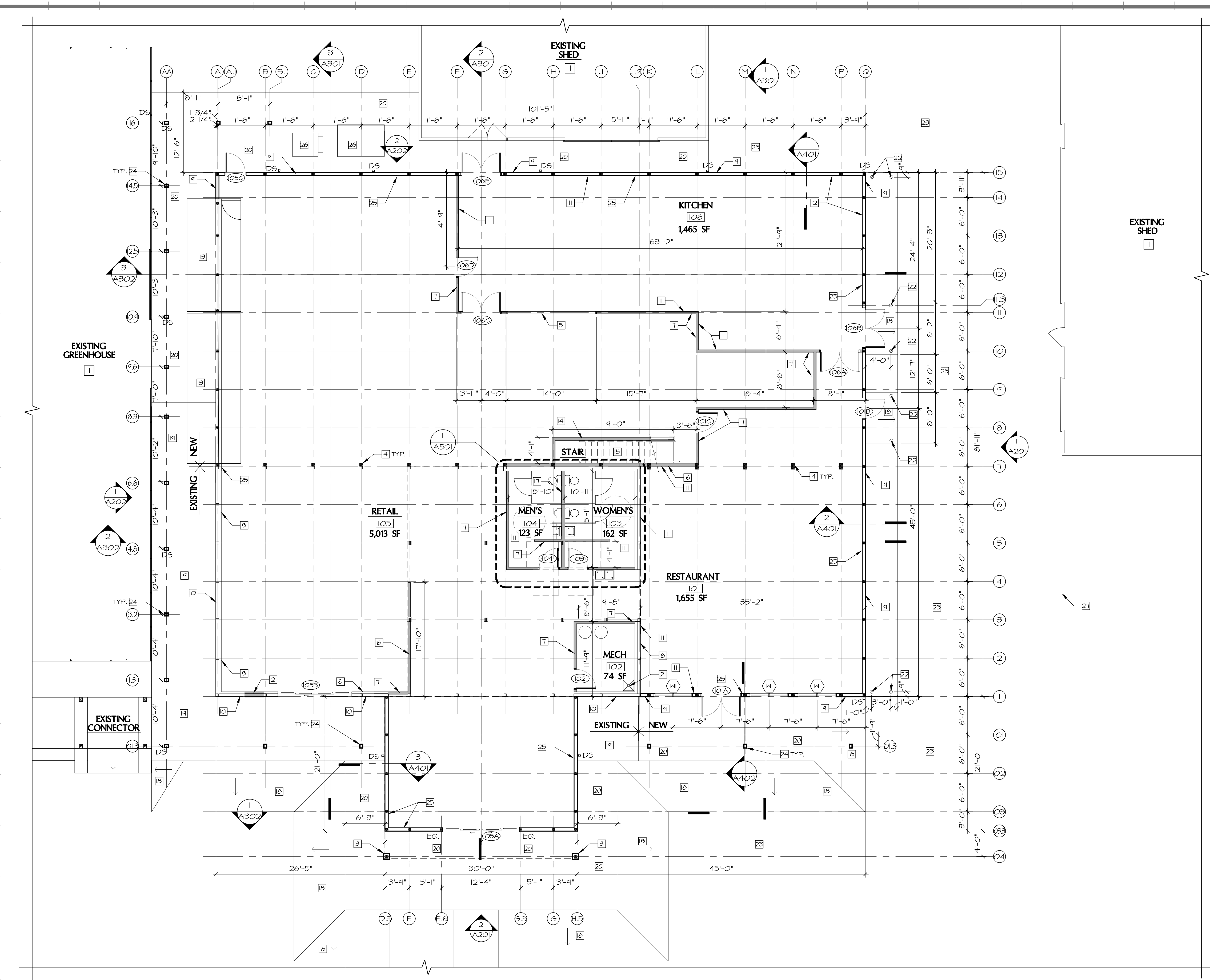
**A101**

**GENERAL NOTES:**

- A. ALL DIMENSIONS ARE TO ROUGH FRAMING UNLESS NOTED OTHERWISE.
- B. ALL DOORS SHALL BE LOCATED 4" AWAY FROM THE ADJACENT WALL UNLESS NOTED OTHERWISE.
- C. TIE-IN NEW DOWNSPOUTS TO STORM; SEE CIVIL DRAWINGS.
- D. FOR SHEAR WALLS; SEE STRUCTURAL DRAWINGS.

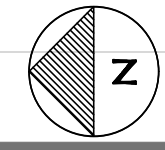
**SHEET NOTES:**

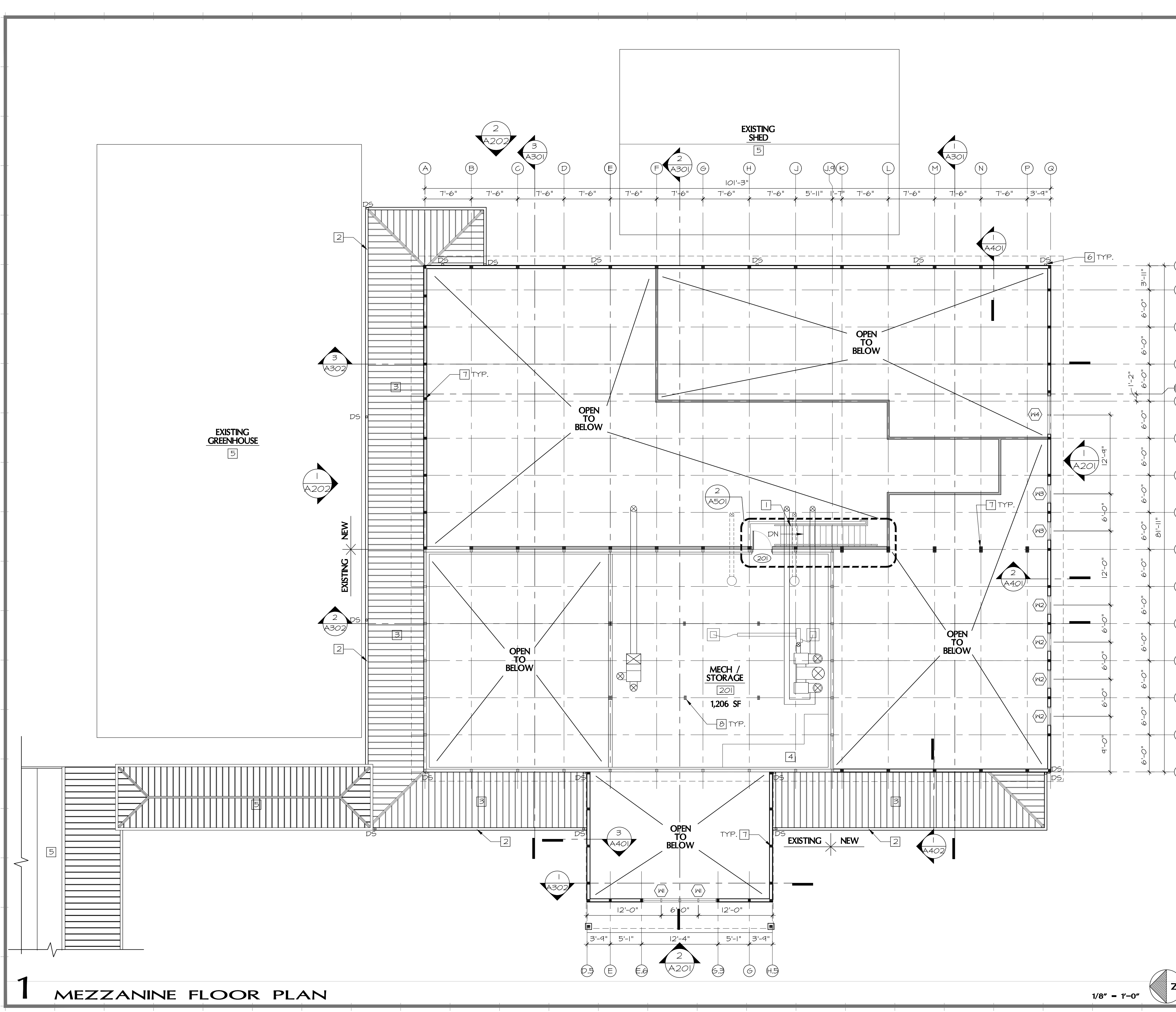
- 1 EXISTING BUILDING - NO WORK.
- 2 INFILL EXISTING OPENING TO MATCH EXISTING ADJACENT STRUCTURE AND FINISH, ALIGN FINISH FACES.
- 3 COLUMN WRAP AND COLUMN; SEE DETAIL 4/A502 & STRUCTURAL DRAWINGS.
- 4 COLUMN; SEE STRUCTURAL DRAWINGS.
- 5 PASS THRU OPENING. FROM 42" A.F.F. AT SILL TO MATCHING HEAD HEIGHT OF ADJACENT DOOR.
- 6 PARTIAL HEIGHT WALL PARTITION OF 2X4 WOOD STUD FRAMING AT 16" O.C. WITH 1/2" GYP. BD. ON EACH SIDE TO TO T-0" A.F.F.
- 7 INTERIOR WALL PARTITION OF 2X4 WOOD STUD FRAMING AT 16" O.C. WITH 1/2" GYP. BD. ON EACH SIDE FLOOR TO DECK.
- 8 EXISTING INTERIOR WALL.
- 9 NEW EXTERIOR WALL.
- 10 EXISTING EXTERIOR WALL WITH NEW METAL CLADDING TO MATCH EXISTING ADJACENT BUILDINGS.
- 11 FRP PANEL THIS SIDE OF WALL.
- 12 STAINLESS STEEL PANEL THIS SIDE OF WALL OVER FRP.
- 13 WALK-IN FREEZER / REFRIGERATOR.
- 14 INTERIOR WALL PARTITION OF 2x6 WOOD STUD FRAMING AT 16" O.C. WITH 1/2" GYP. BD. ON ROOM SIDE FLOOR TO UNDERSIDE OF STAIR.
- 15 NEW STAIR; SEE 2/A501 & STRUCTURAL DRAWINGS.
- 16 INTERIOR WALL PARTITION OF WOOD STUD FRAMING AT 16" O.C. BETWEEN COLUMNS WITH 1/2" GYP. BD. ON OUTSIDE OF COLUMN & STUD FRAMING FLOOR TO DECK.
- 17 INTERIOR WALL PARTITION OF 2x6 WOOD STUD FRAMING AT 16" O.C. WITH 1/2" GYP. BD. ON ROOM SIDE FLOOR TO 6" ABOVE DROP CEILING.
- 18 CONCRETE RAMP. SEE SHEET G103 FOR HC REQUIREMENTS.
- 19 EXISTING CONCRETE SLAB.
- 20 NEW CONCRETE SLAB.
- 21 NEW UTILITY SINK; SEE PLUMBING DRAWINGS
- 22 6" DIA. METAL BOLLARD PAINTED SAFETY YELLOW; SEE DETAIL 2/A100.
- 23 PAVEMENT DRIVE; SEE CIVIL DRAWINGS.
- 24 COLUMN WRAP TO MATCH EXISTING CONNECTOR COLUMN WRAP. COLUMN; SEE DETAIL 3/A502 & STRUCTURAL DRAWINGS.
- 25 INTERIOR FINISH BUILD-OUT BY OWNER.
- 26 MECHANICAL EQUIPMENT; SEE MECHANICAL DRAWINGS.
- 27 NEW EDGE OF PAVEMENT; SEE CIVIL DRAWINGS.



**1 FIRST FLOOR PLAN**

1/8" = 1'-0"



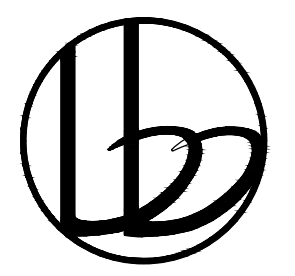


**GENERAL NOTES:**

- A. ALL DIMENSIONS ARE TO ROUGH FRAMING UNLESS NOTED OTHERWISE.
- B. ALL DOORS SHALL BE LOCATED 4" AWAY FROM THE ADJACENT WALL UNLESS NOTED OTHERWISE.
- C. TIE-IN NEW DOWNSPOUTS TO STORM; SEE CIVIL DRAWINGS.
- D. FOR SHEAR WALLS; SEE STRUCTURAL DRAWINGS.

**SHEET NOTES:**

- 1 NEW STAIR ACCESS TO MEZZANINE.
- 2 NEW PREFINISHED ALUMINUM GUTTER.
- 3 NEW STAND IN SEAM METAL ROOF TO MATCH EXISTING (SLOPE +/- 4/12). BOTTOM OF STRUCTURE TO ALIGN W/ EXISTING LOCATION OF EXISTING STRUCTURE; SEE ELEVATIONS.
- 4 INFILL OPENING TO MATCH EXISTING ADJACENT FLOOR / CEILING ASSEMBLY. SEE STRUCTURAL DRAWINGS FOR DETAILS.
- 5 EXISTING ADJACENT STRUCTURE - NO WORK.
- 6 NEW PREFINISHED DOWNSPOUT TO TIE INTO STORM; SEE CIVIL DRAWINGS.
- 7 NEW COLUMN; SEE STRUCTURAL DRAWINGS.
- 8 EXISTING COLUMN.



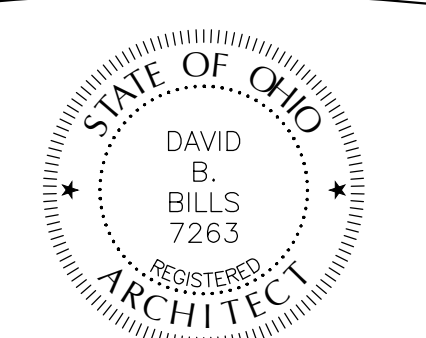
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12/23/20

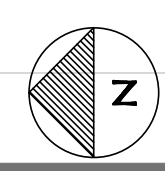
A201265

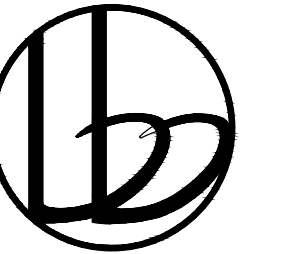
MEZZANINE  
FLOOR PLAN

**A102**

**1** MEZZANINE FLOOR PLAN

1/8" = 1'-0"



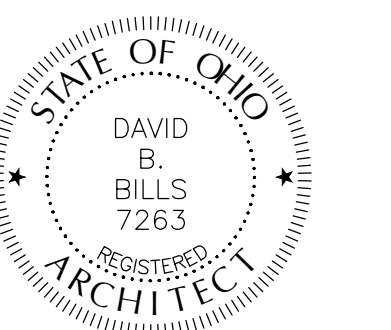


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ROOF PLAN

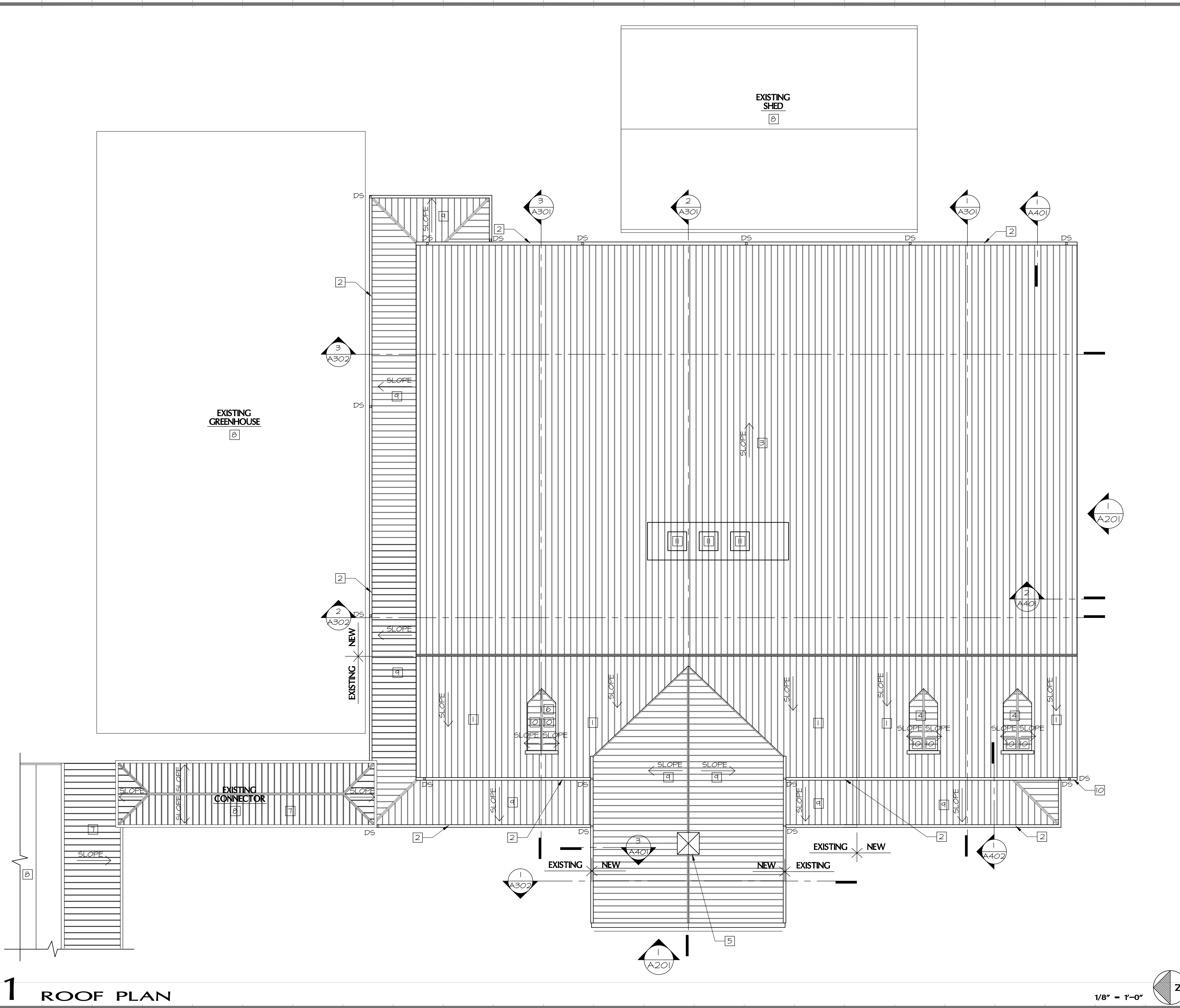
**A103**

**GENERAL NOTES:**

A. VERIFY EXISTING ROOF SLOPES & OVERHANGS FOR NEW TO MATCH EXISTING.

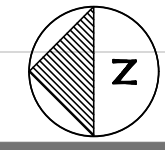
**SHEET NOTES:**

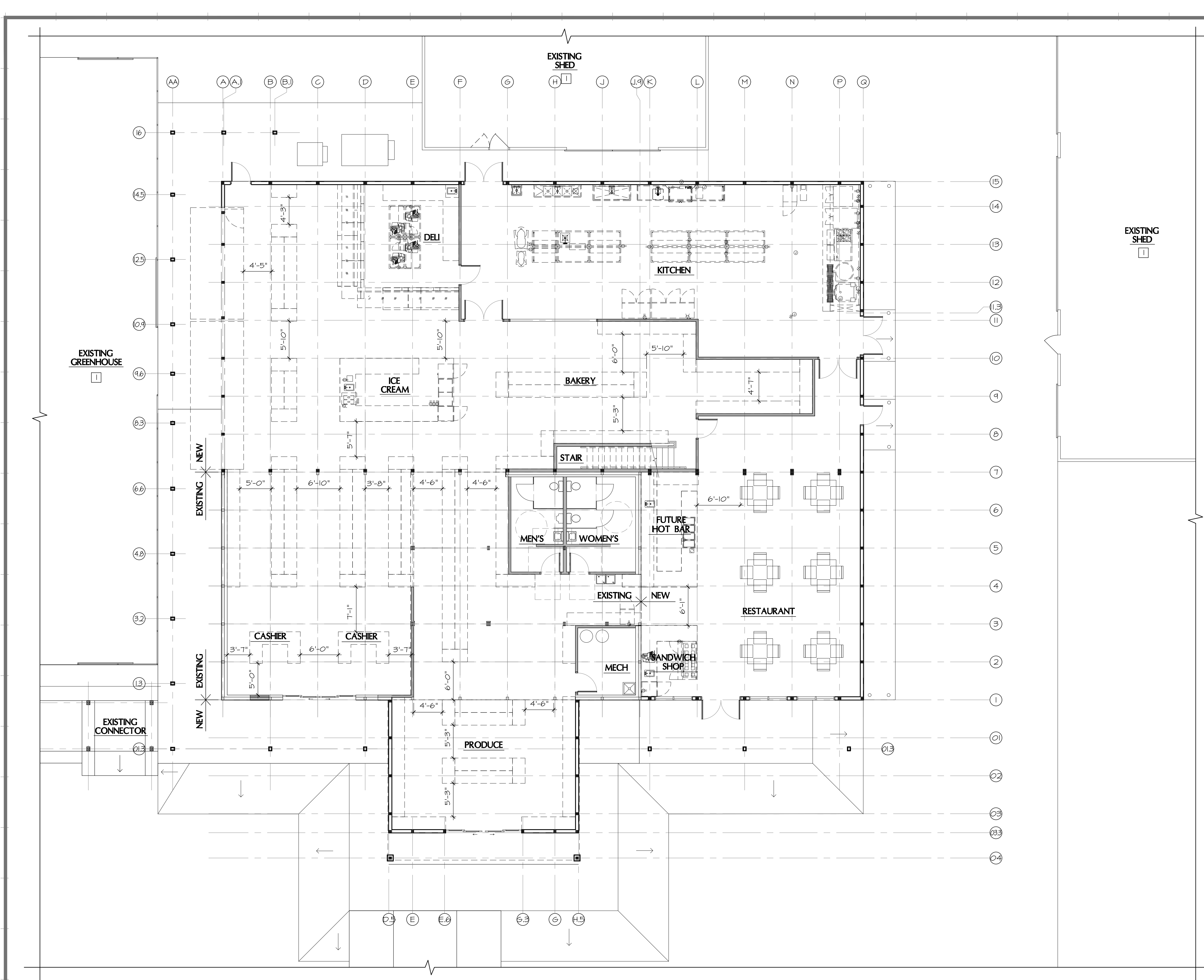
- 1 NEW STAND IN SEAM METAL ROOF. SLOPE TO MATCH EXISTING ADJACENT ROOF (+/- 6/12).
- 2 NEW PREFINISHED ALUMINUM GUTTER.
- 3 NEW STAND IN SEAM METAL ROOF (SLOPE +/- 2/12).
- 4 NEW DORMER WITH STANDING SEAM METAL ROOF; SEE ELEVATIONS.
- 5 RELOCATED CUPOLA.
- 6 EXISTING DORMER WITH NEW STANDING SEAM METAL ROOF; SEE ELEVATIONS.
- 7 EXISTING STANDING SEAM METAL ROOF.
- 8 EXISTING ADJACENT BUILDING - NO WORK.
- 9 NEW STAND IN SEAM METAL ROOF (+/- 4/12).
- 10 NEW STAND IN SEAM METAL ROOF (SLOPE +/- 5.5/12).
- 11 HVAC EQUIPMENT ON ROOF; SEE MECHANICAL & STRUCTURAL DRAWINGS.



**1 ROOF PLAN**

1/8" = 1'-0"



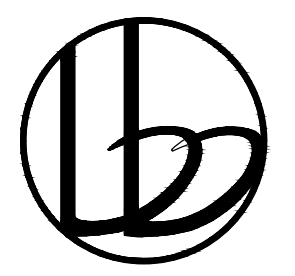


**GENERAL NOTES:**

A.

**SHEET NOTES:**

□ EXISTING BUILDING - NO WORK.

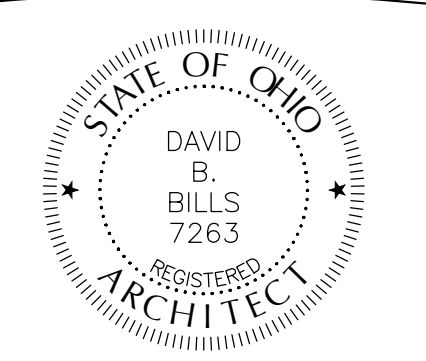


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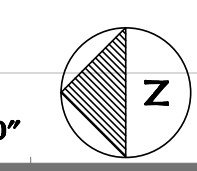
A201265

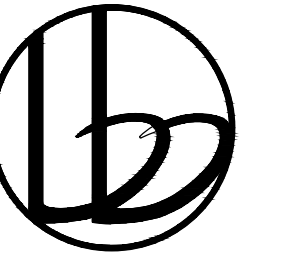
FIRST FLOOR  
FIXTURE PLAN

**A104**

**1** FIRST FLOOR FIXTURE PLAN

1/8" = 1'-0"





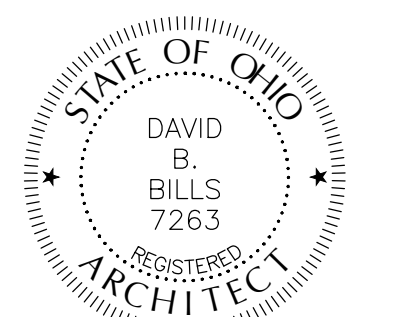
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FIRST FLOOR  
REFLECTED CEILING PLAN

**A105**

**GENERAL NOTES:**

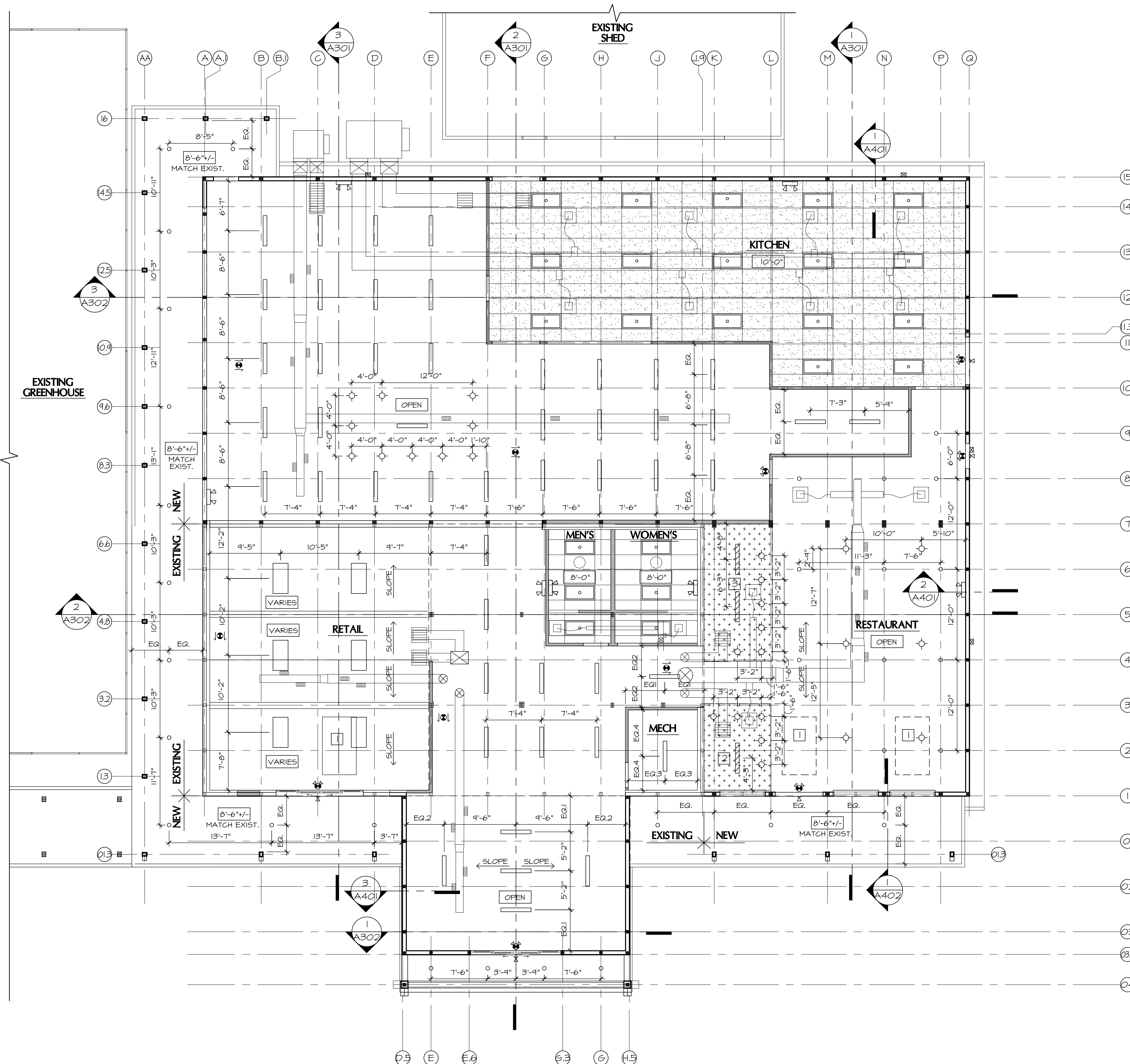
A. SEE MECHANICAL & ELECTRICAL DRAWINGS.

**SHEET NOTES:**

- 1 OPEN TO DORMERS.
- 2 FRP PANEL ATTACHED TO UNDERSIDE OF TRUSS ABOVE FOOD PREP SPACES.
- 3 FUTURE FRP PANEL ATTACHED TO UNDERSIDE OF TRUSS ABOVE FUTURE FOOD PREP SPACES.

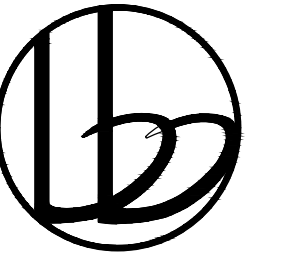
**CEILING LEGEND:**

- CLEANABLE 2X4 ACOUSTICAL TILE & CEILING GRID
- 2X4 ACOUSTICAL TILE & CEILING GRID
- CLEANABLE FRP PANELS SECURED TO UNDERSIDE OF TRUSS ABOVE FOOD PREP SPACES
- 2X4 LED LAY-IN LIGHT
- 1X4 LED SURFACE MOUNTED LIGHT
- 1X4 LED LIGHT
- LED HIGH BAY LIGHT
- EXTERIOR LED RECESSED CAN LIGHT
- PENDANT LIGHT
- CEILING HEIGHT A.F.F.
- LED EMERGENCY REMOTE HEAD LIGHT
- LED EMERGENCY LIGHT
- LED EXIT / EMERGENCY LIGHT
- LED EXIT LIGHT
- LED EXIT LIGHT
- WALL PACK LIGHT
- EXTERIOR WALL MOUNTED LIGHT
- EXTERIOR WALL MOUNTED LIGHT
- AIR RETURN DIFFUSER
- AIR SUPPLY DIFFUSER



**1** FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"



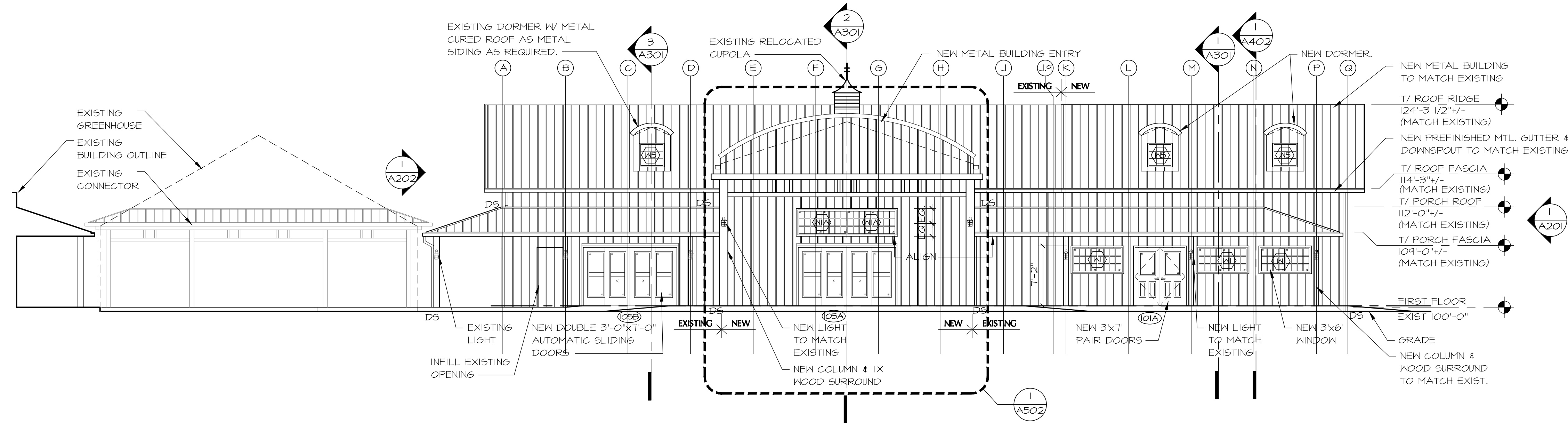
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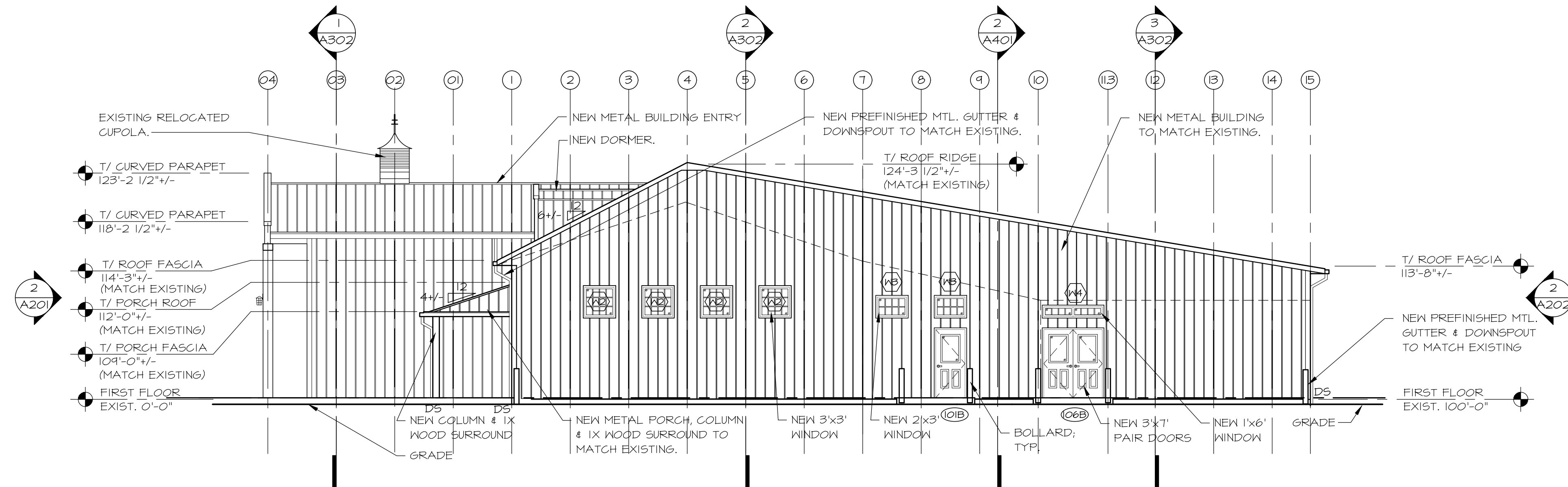
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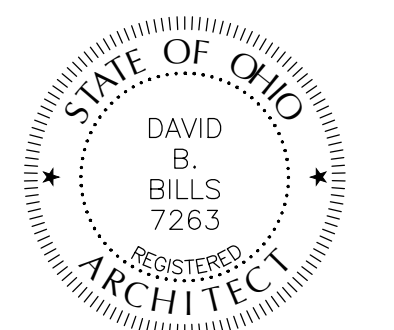
2 WEST EXTERIOR ELEVATION

1/8" = 1'-0"



1 SOUTH EXTERIOR ELEVATION

1/8" = 1'-0"



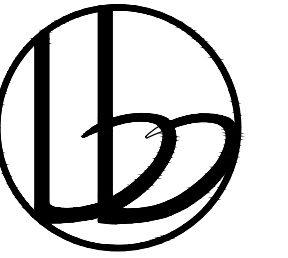
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A201265

EXTERIOR  
ELEVATIONS

A201



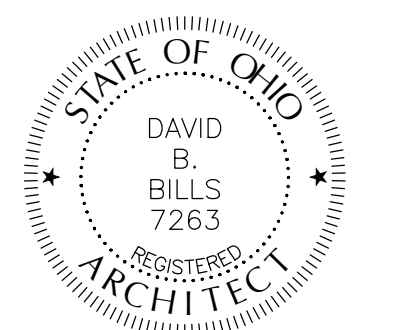
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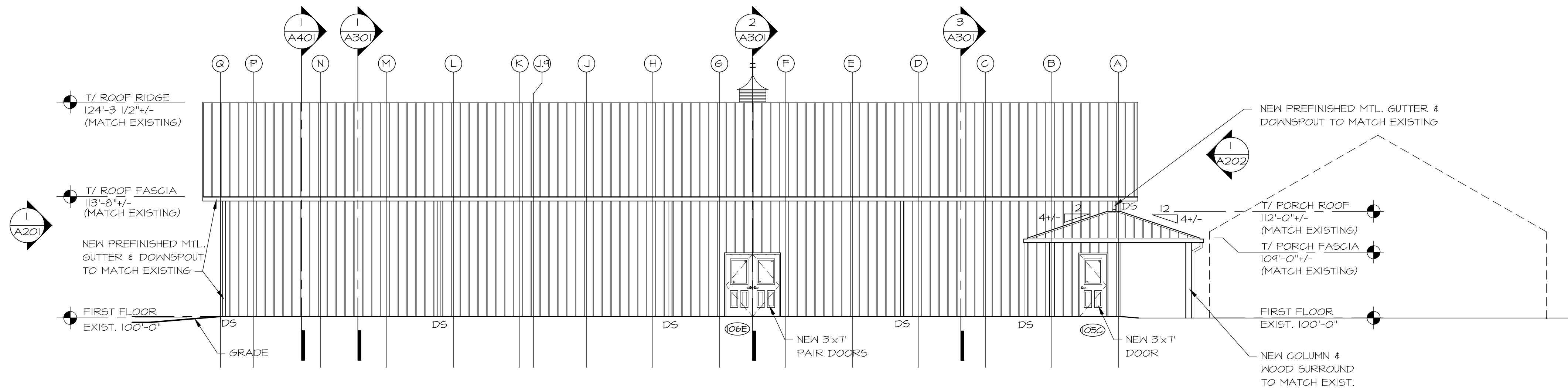
DAVID B. BILLS, LICENSE #7263  
EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
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A201265

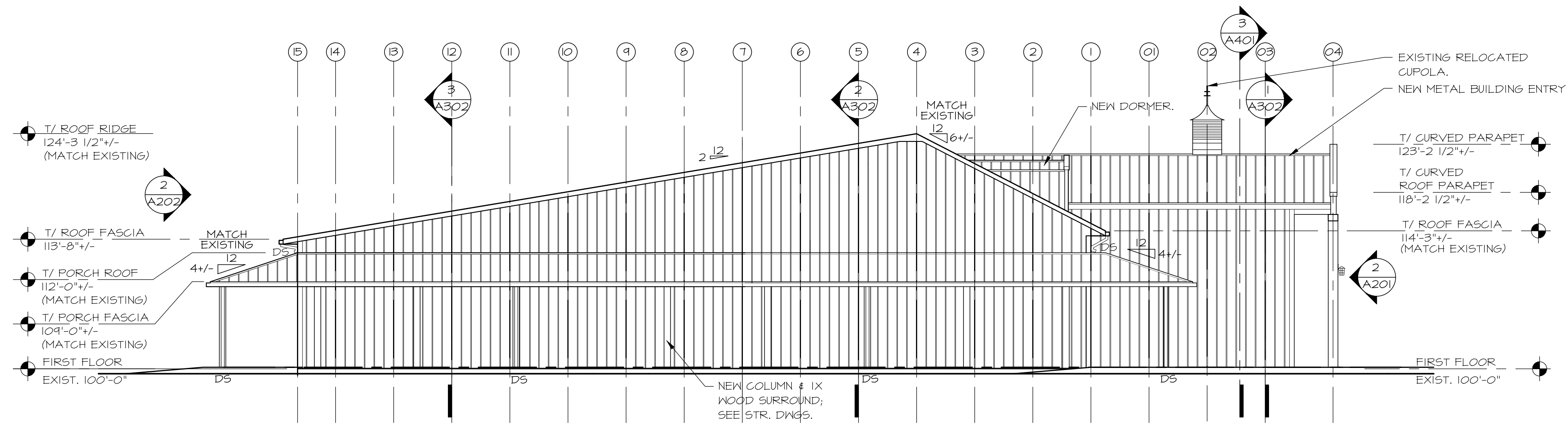
EXTERIOR  
ELEVATIONS

A202



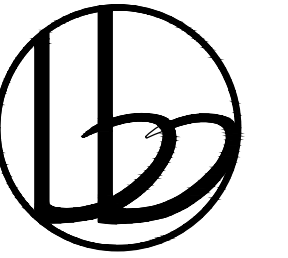
2 EAST EXTERIOR ELEVATION

1/8" = 1'-0"



1 NORTH EXTERIOR ELEVATION

1/8" = 1'-0"



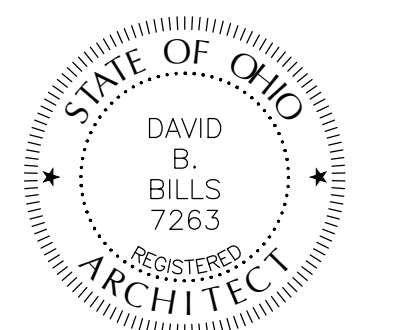
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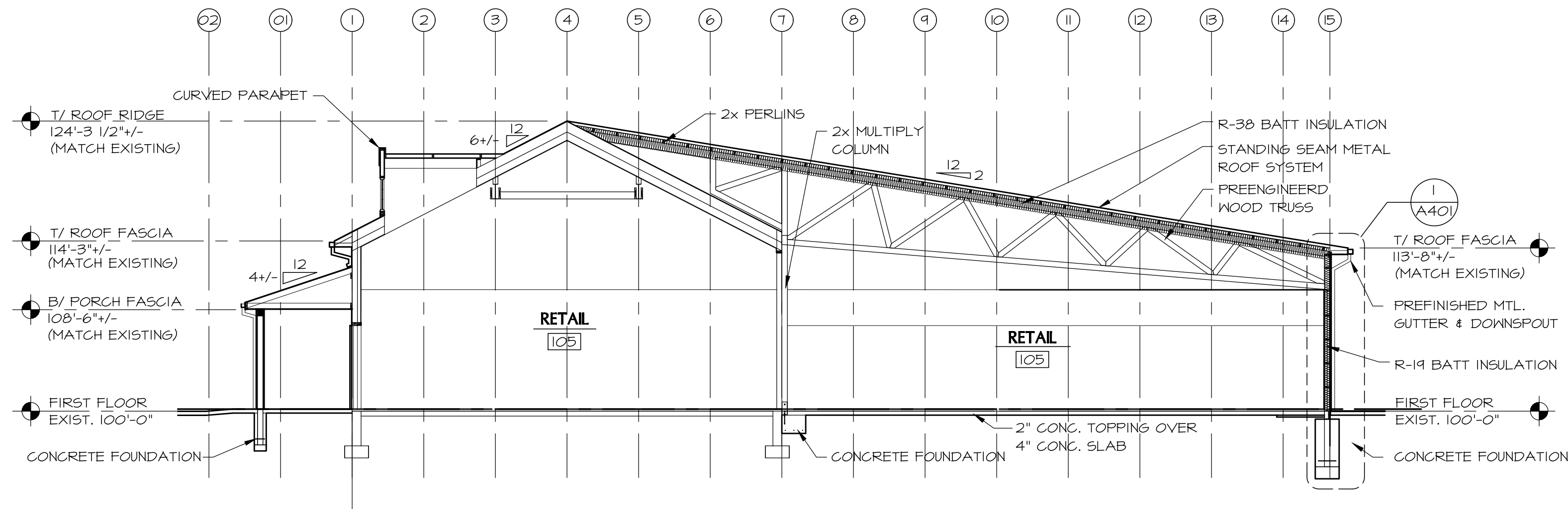
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A201265

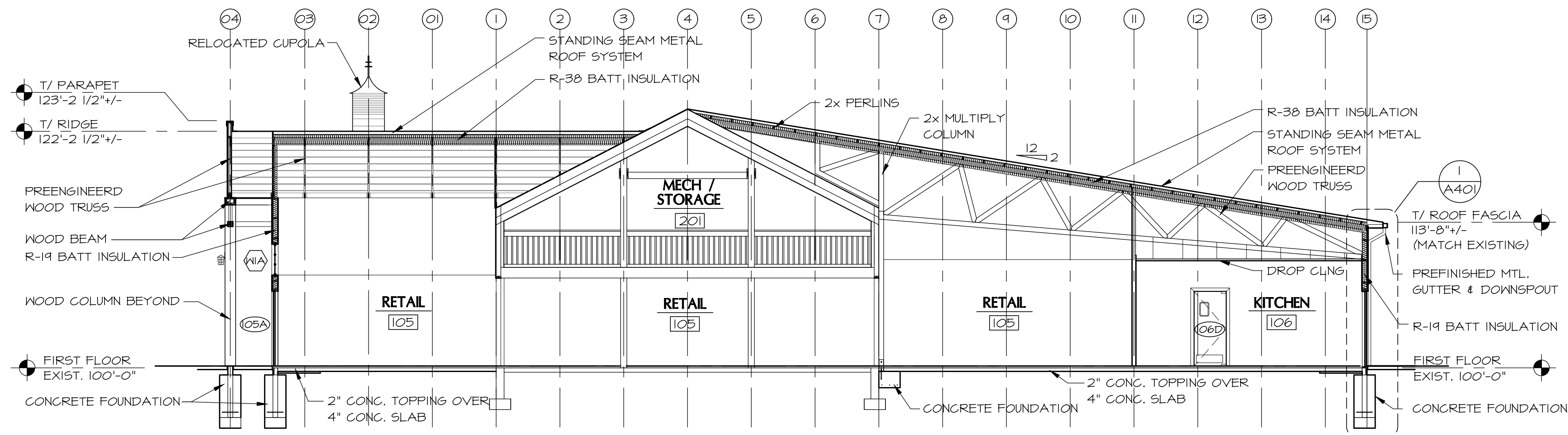
BUILDING  
SECTIONS

A301



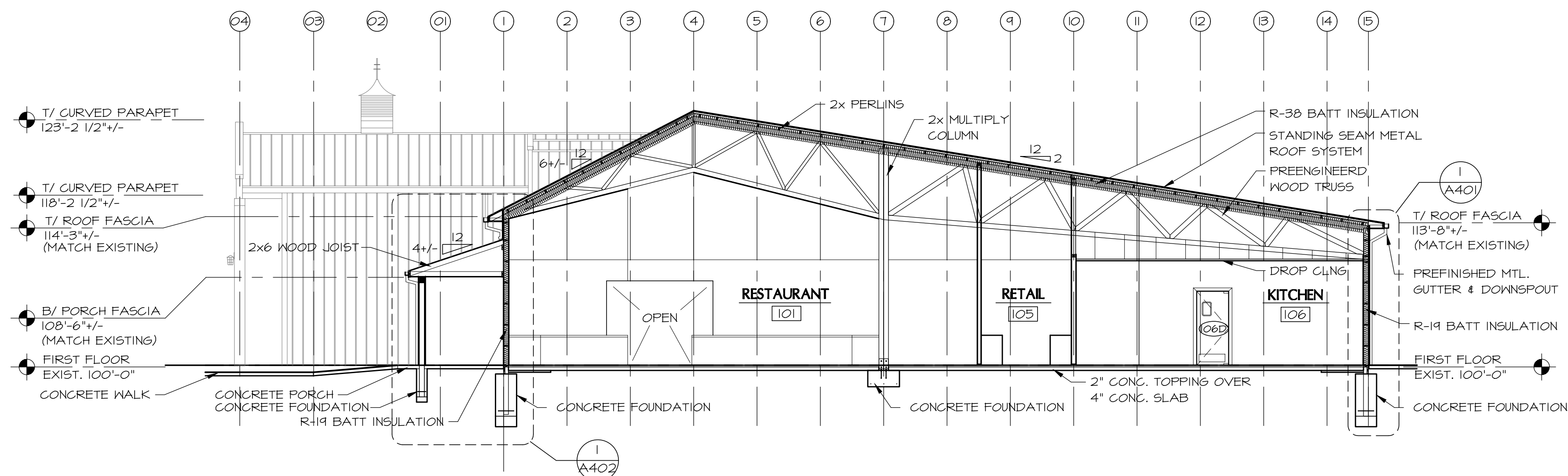
3 BUILDING SECTION

1/8" = 1'-0"



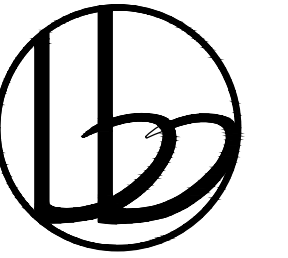
2 BUILDING SECTION

1/8" = 1'-0"



1 BUILDING SECTION

1/8" = 1'-0"

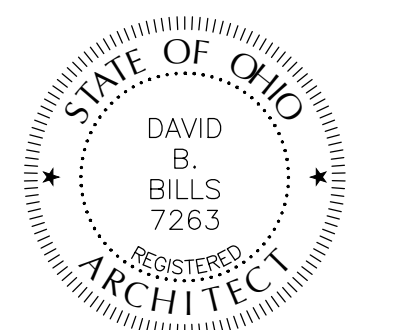


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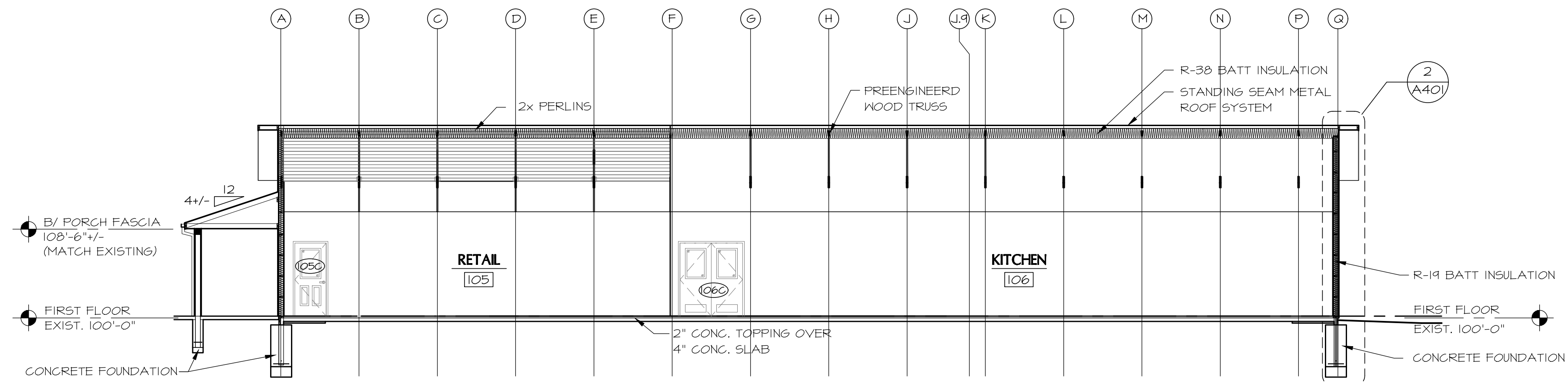
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EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
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A201265

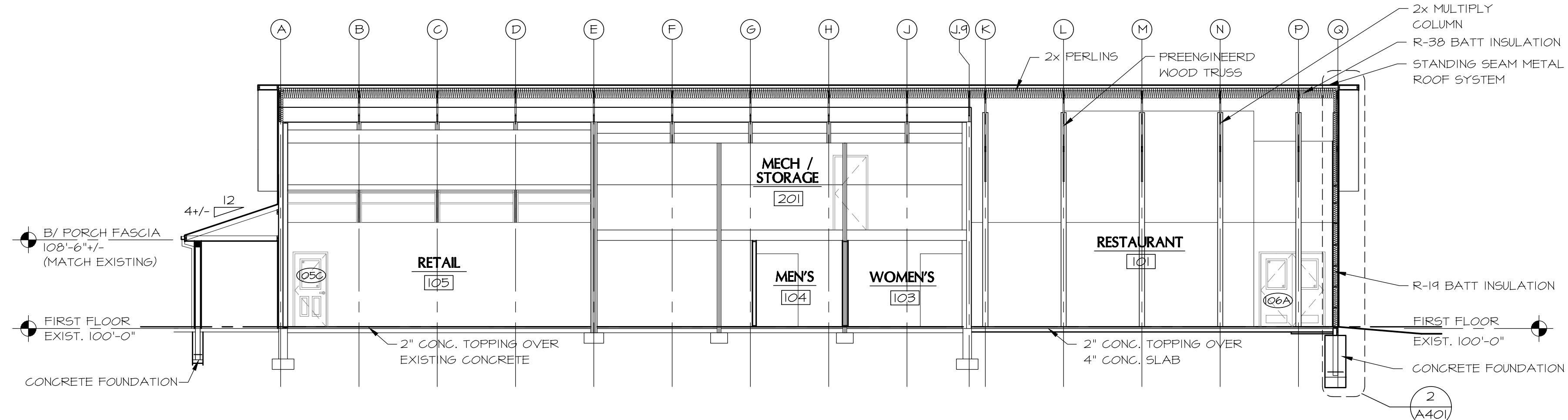
BUILDING  
SECTIONS

A302



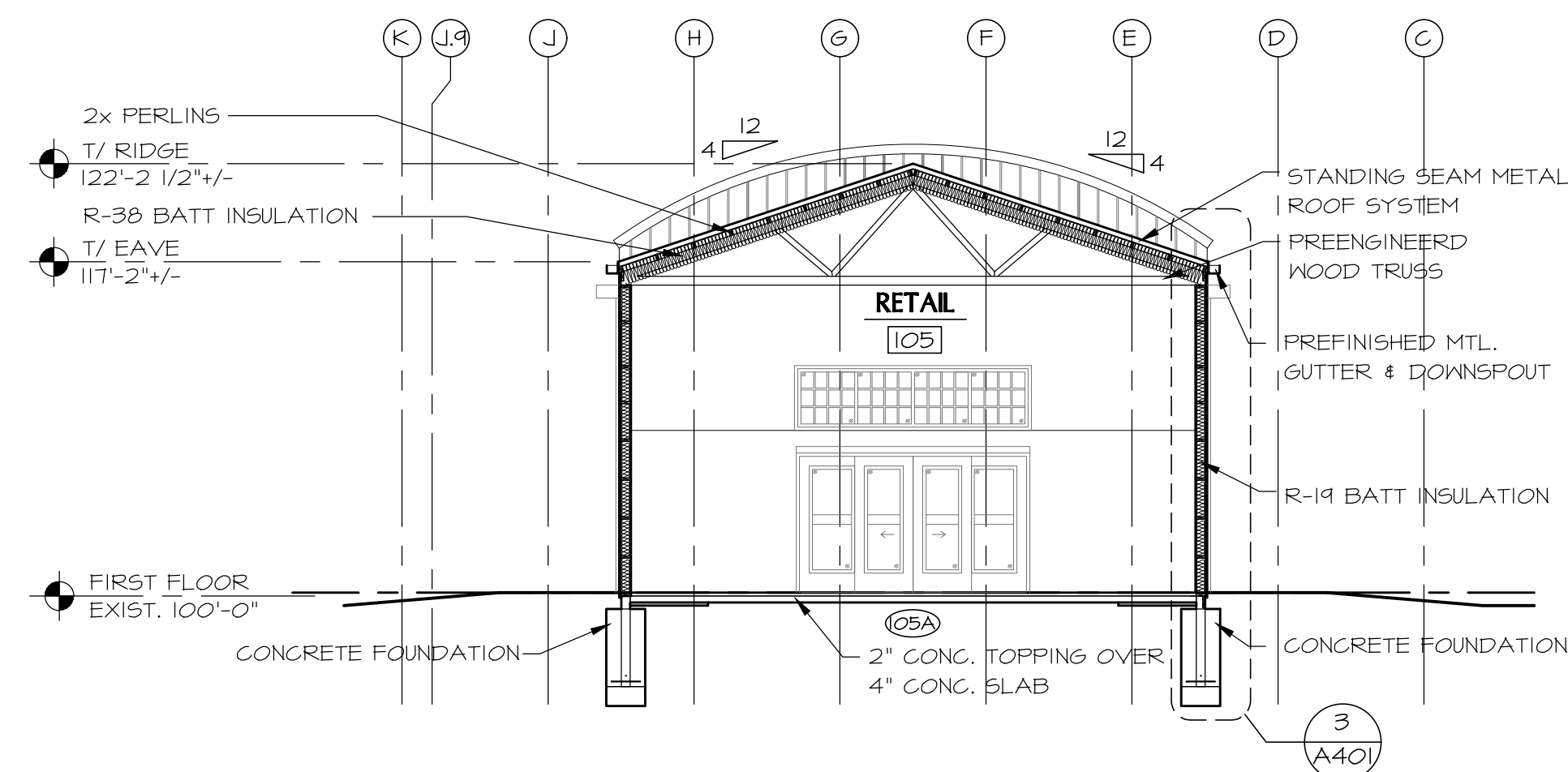
3 BUILDING SECTION

1/8" = 1'-0"



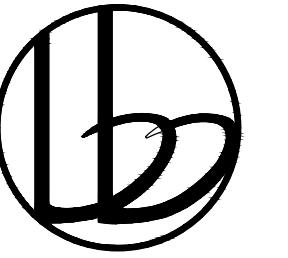
2 BUILDING SECTION

1/8" = 1'-0"



1 BUILDING SECTION

1/8" = 1'-0"



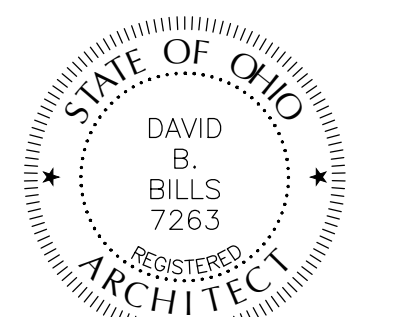
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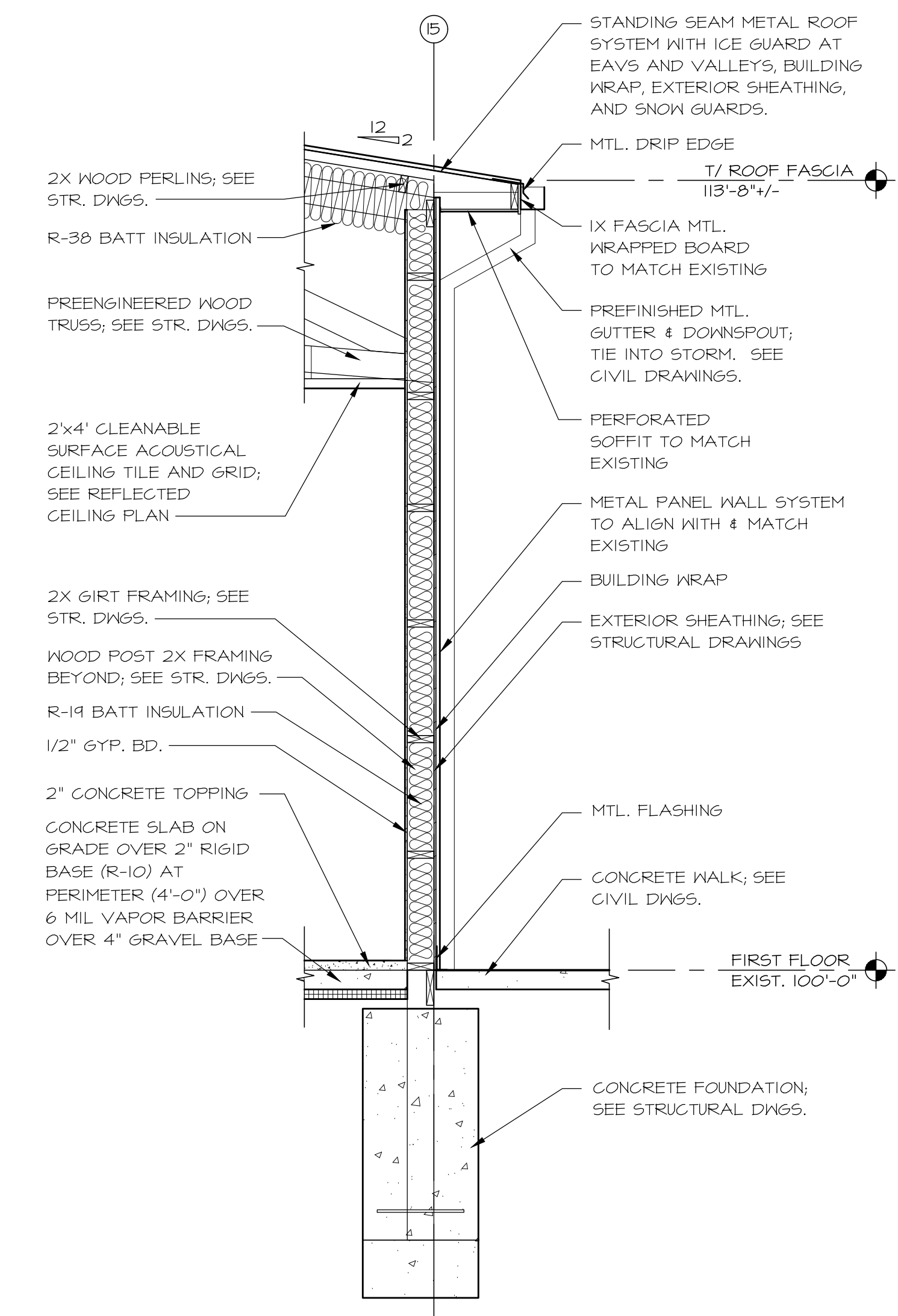
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**12/23/20**

A201265

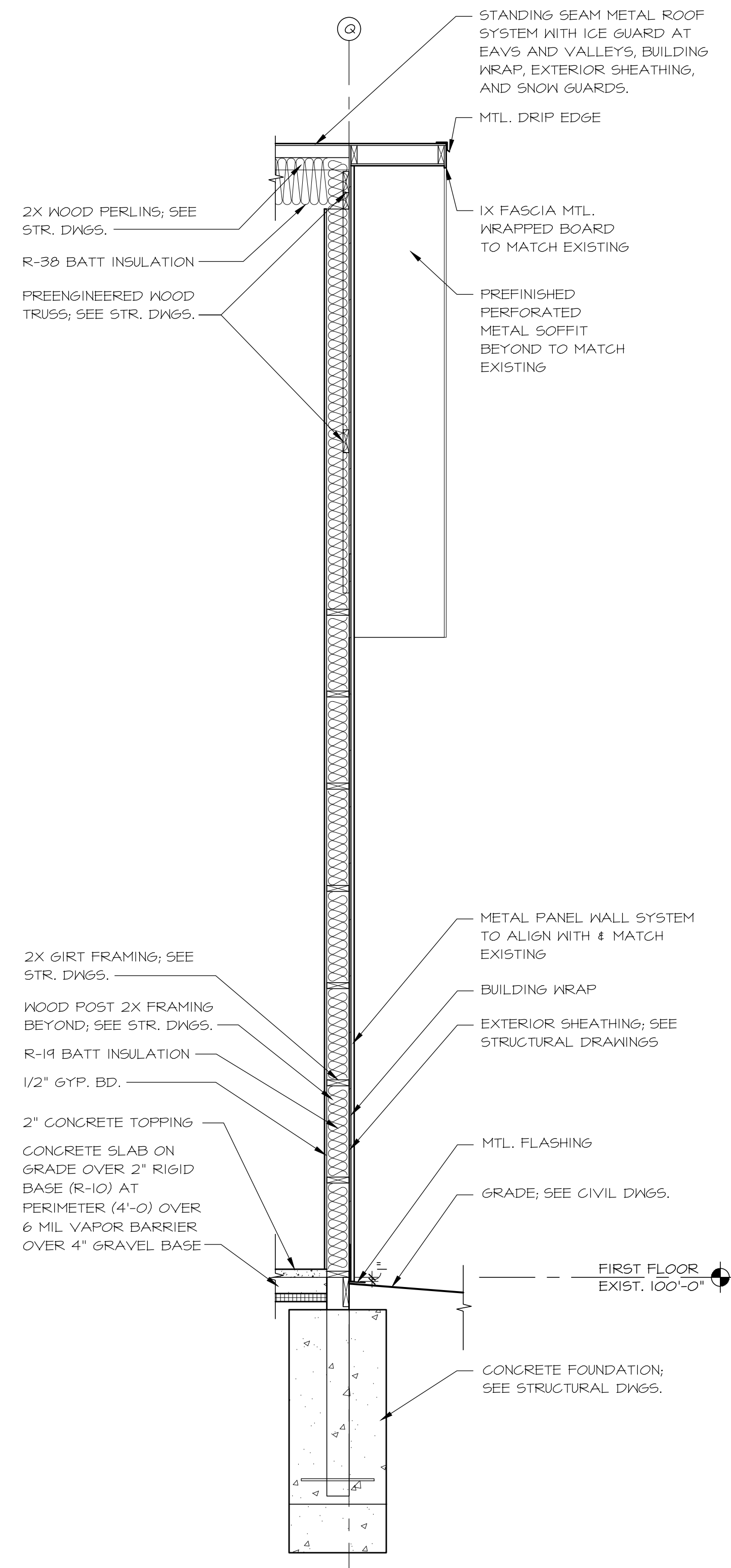
WALL SECTIONS

**A401**



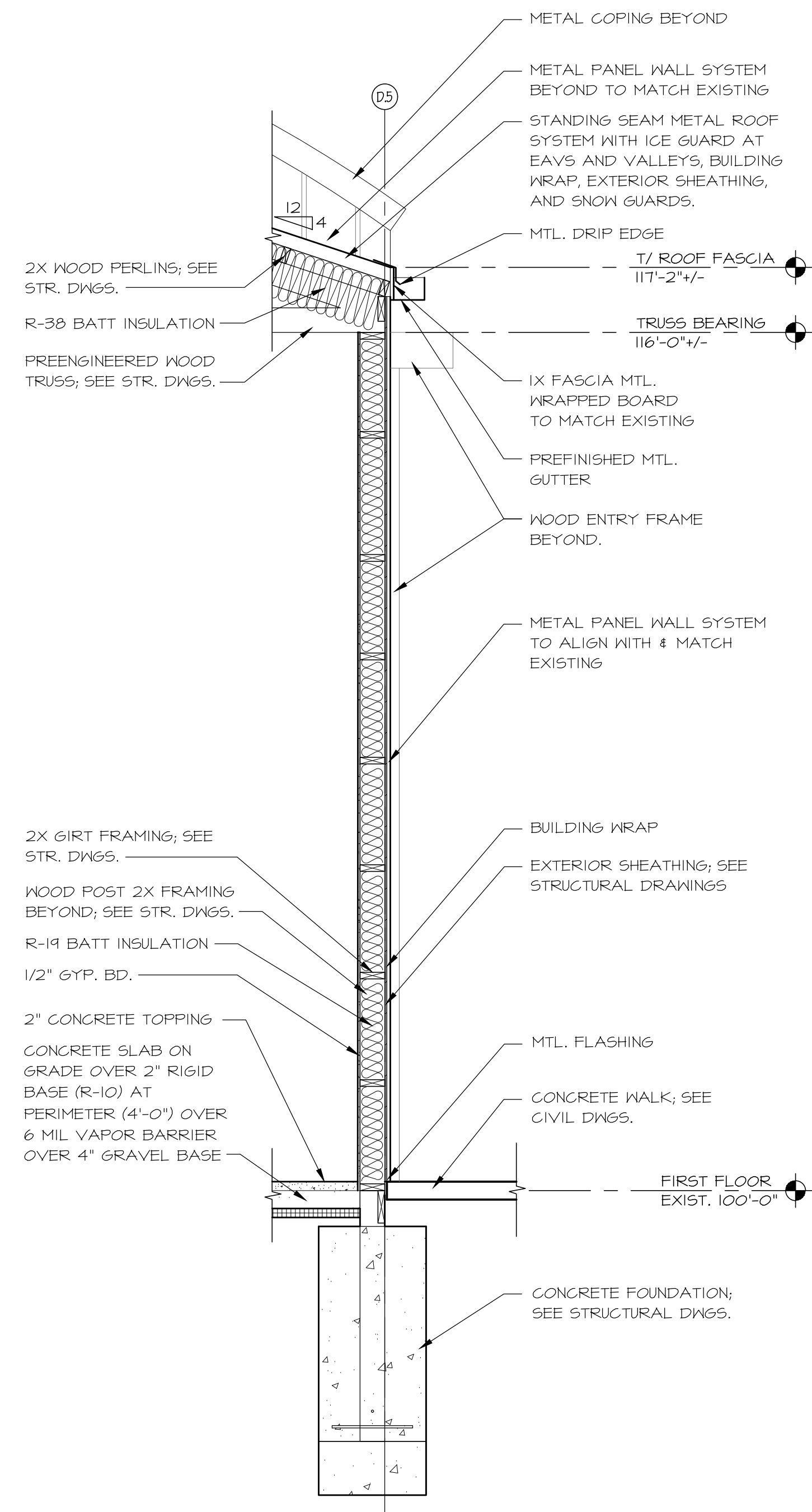
**1** TYPICAL ADDITION REAR WALL SECTION

1/2" = 1'-0"



**2** TYPICAL ADDITION SIDE WALL SECTION

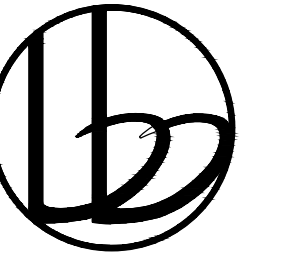
1/2" = 1'-0"



**3** TYPICAL NEW ENTRY SIDE WALL SECTION

1/2" = 1'-0"





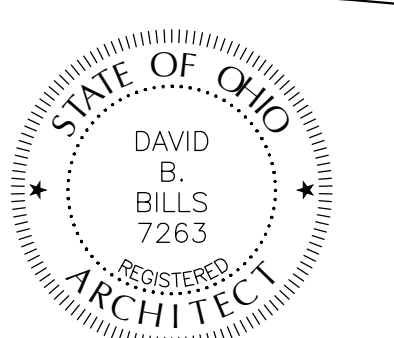
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RESTROOMS &  
STAIR DETAILS

**A501**

**GENERAL NOTES:**

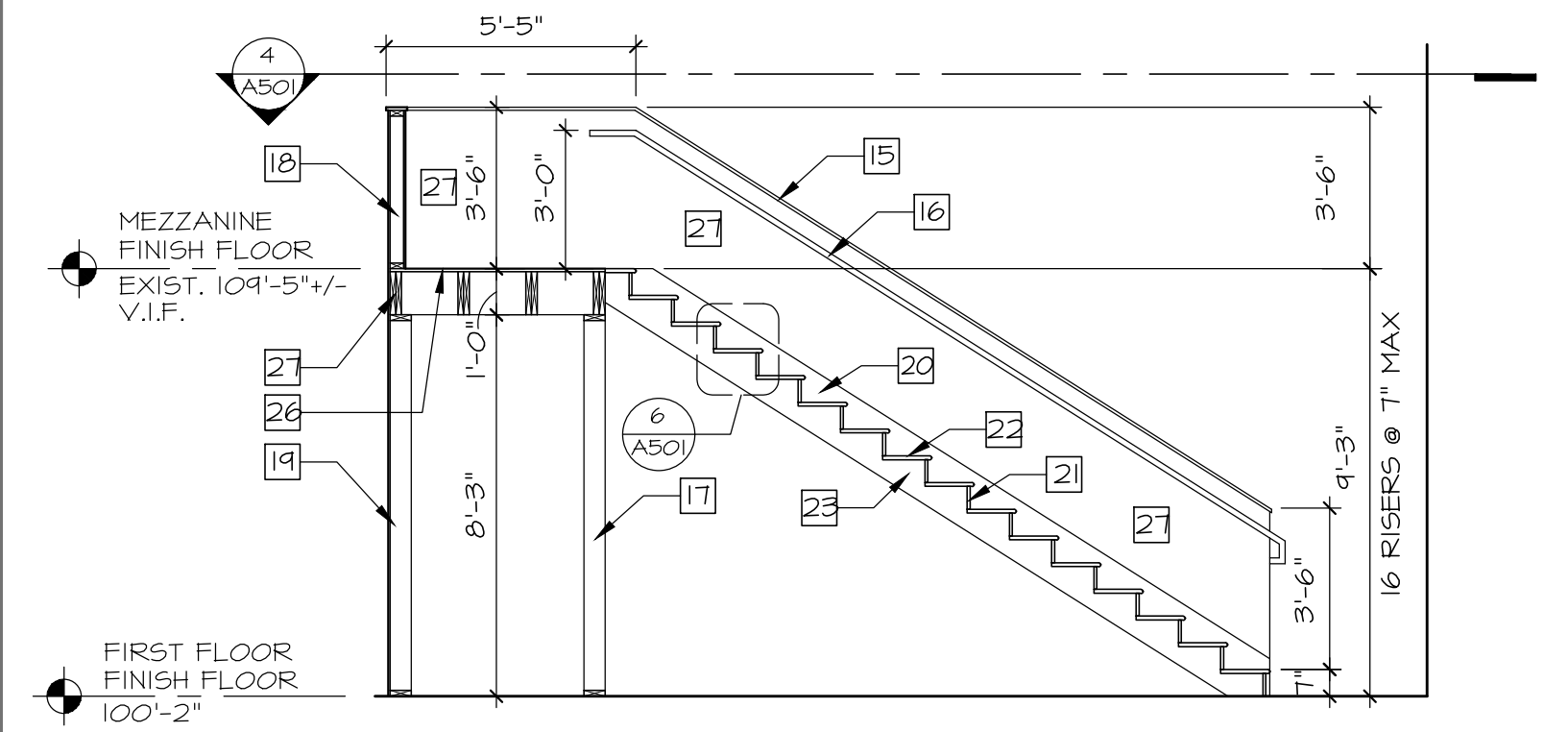
- A. ALL DIMENSIONS ARE TO ROUGH FRAMING UNLESS NOTED OTHERWISE.
- B. ALL DOORS SHALL BE LOCATED 4" AWAY FROM THE ADJACENT WALL UNLESS NOTED OTHERWISE.
- C. TIE-IN NEW DOWNSPOUTS TO STORM; SEE CIVIL DRAWINGS.
- D. FOR SHEAR WALLS; SEE STRUCTURAL DRAWINGS.
- E. FOR HC DIMENSIONS, CLEARANCES & MOUNTING HEIGHTS; SEE SHEET 6003.
- F. FOR STAIR DETAILS AND MORE INFORMATION; SEE STRUCTURAL DRAWINGS.

**SHEET NOTES:**

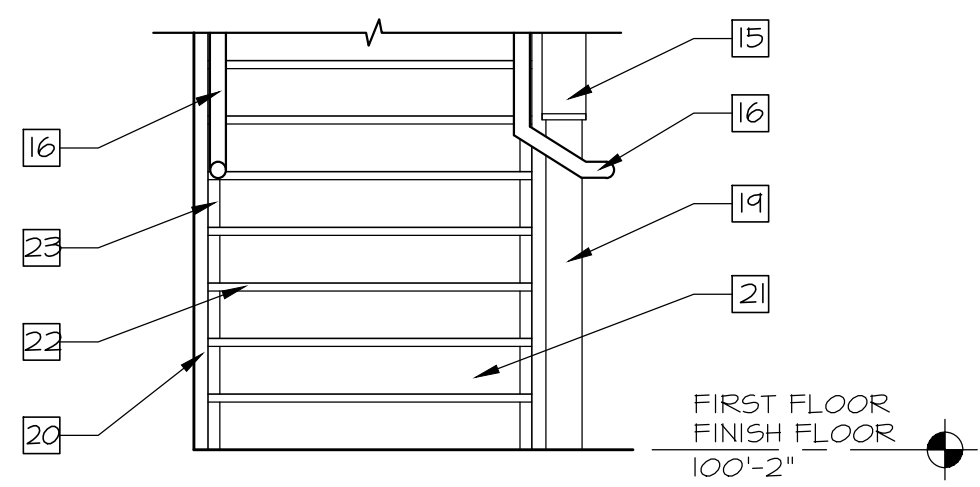
- 1 HC TOILET FIXTURE; SEE PLUMBING DRAWINGS.
- 2 TOILET FIXTURE; SEE PLUMBING DRAWINGS.
- 3 URINAL; SEE PLUMBING DRAWINGS.
- 4 HC SINK FIXTURE; SEE PLUMBING DRAWINGS.
- 5 HC 5" DIA. TURN AROUND CIRCLE.
- 6 HC FIXTURE CLEARANCE.
- 7 HC DOOR CLEARANCE.
- 8 URINAL PARTITION.
- 9 TOILET PARTITION.
- 10 HI LOW DRINKING FOUNTAIN; SEE PLUMBING DRAWINGS.
- 11 FRP BASE.
- 12 FRP PANELS W/ TOP CAP.
- 13 PAINTED GYP. BD.
- 14 NEW COLUMN; SEE STRUCTURAL DRAWINGS.
- 15 1X WD GAP GUARDRAIL; TOP AT 42" ABOVE STAIR NOSING OR LANDING.
- 16 HANDRAIL; TOP @ 36" ABOVE STAIR NOSING OR LANDING.
- 17 2X6" WD STUD FRAMING AT 16" O.C.
- 18 2X4 WD STUD FRAMING AT 16" O.C. TO 42" ABOVE STAIR NOSING OR LANDING W/ 1/2" GYP. BD. ON EA. SIDE.
- 19 2X6" WD STUD FRAMING AT 16" O.C. TO UNDERSIDE OF STAIR FRAMING W/ 1/2" GYP. BD. ROOM SIDE.
- 20 14" LVL
- 21 1X RISER
- 22 2X12 TREAD
- 23 2X12 CUT OUT WD STRINGER
- 24 1X RISER
- 25 1/2" RADIUS
- 26 3/4" PLYWOOD DECKING
- 27 (2) 2X12 FLOOR JOIST FRAMING
- 28 PAINTED 1/2" GYP. BD.

WALL MOUNTED ACCESSORIES LEGEND	
DESCRIPTION	
T-1	18" GRAB BAR
T-2	36" GRAB BAR
T-3	42" GRAB BAR
T-4	SOAP DISPENSER
T-5	SURFACE MOUNTED PAPER TOWEL / WASTE RECEPTACLE
T-6	SURFACE MOUNTED TOILET PAPER HOLDER, 2 ROLL, 19" A.F.F.
T-7	18" x 24" MIRROR
T-8	TOILET SEAT COVER DISPENSER
T-9	SANITARY NAPKIN DISPOSAL
T-10	CHANGING TABLE

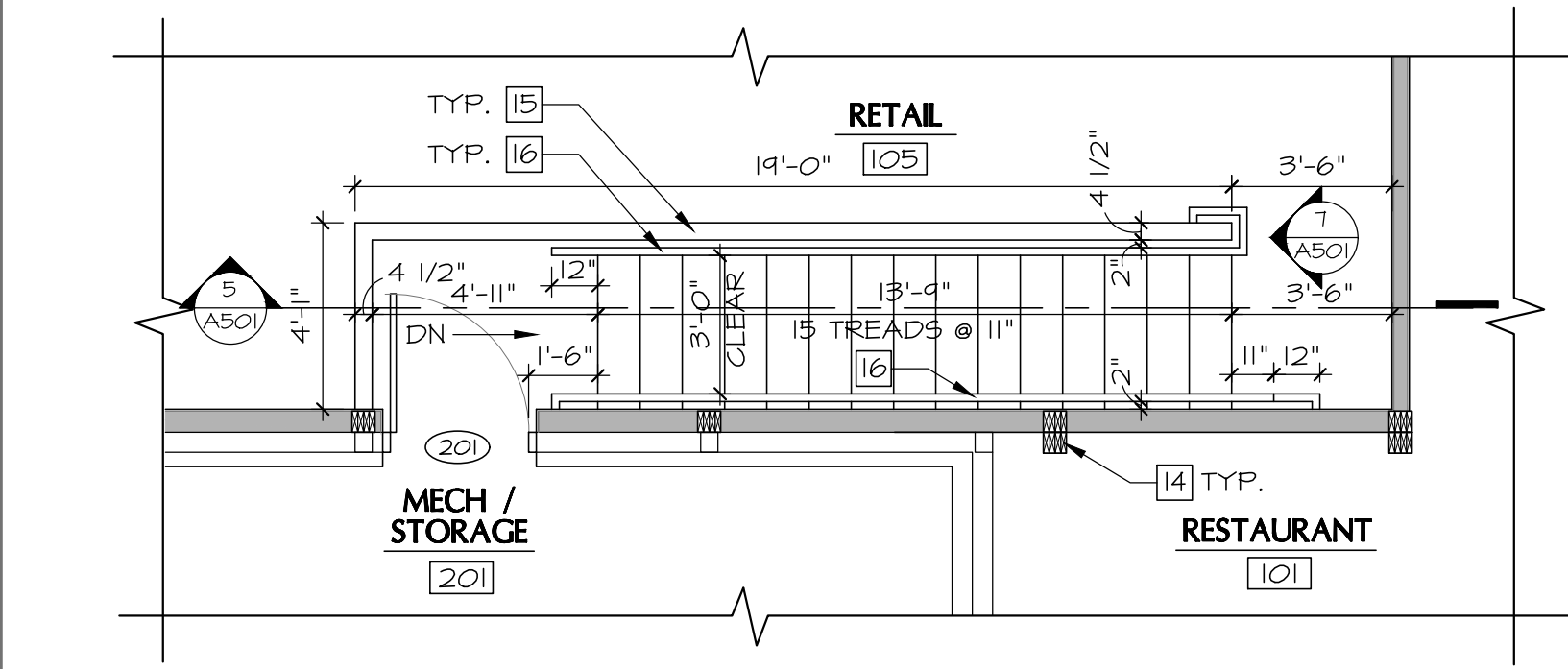
NOTE: FOR MOUNTING HEIGHTS SEE SHEET 6002.



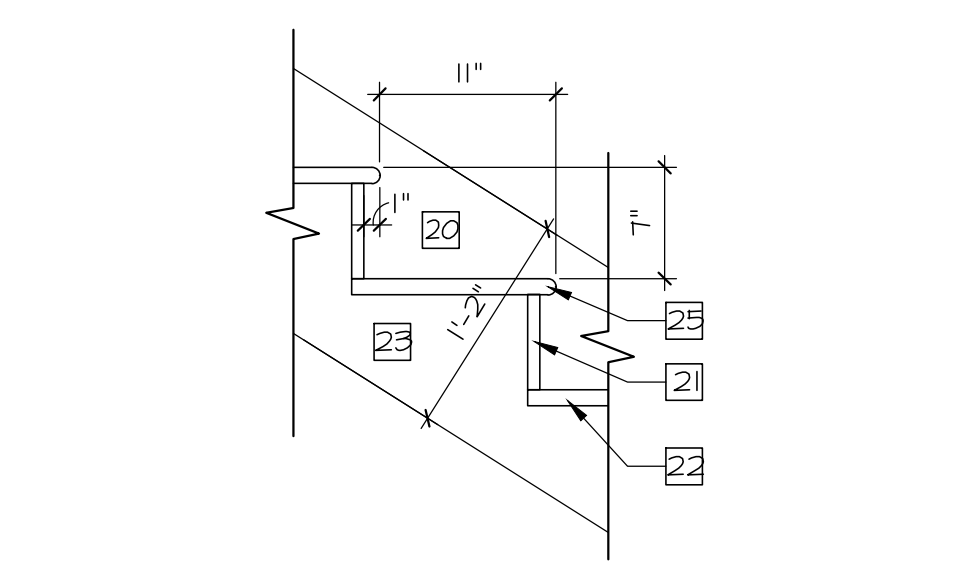
**5 STAIR SECTION** 1/4" = 1'-0"



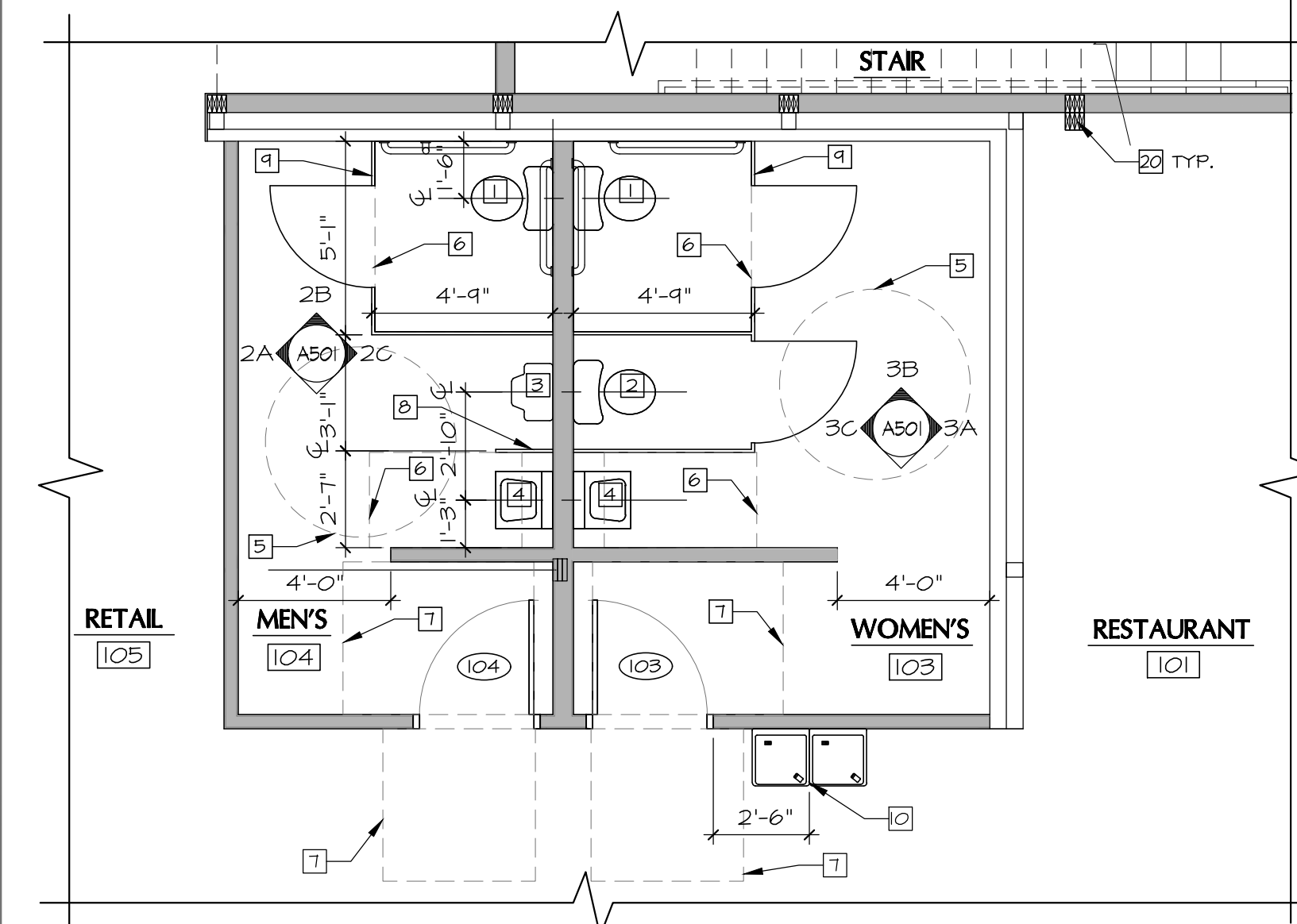
**7 STAIR ELEVATION** 1/2" = 1'-0"



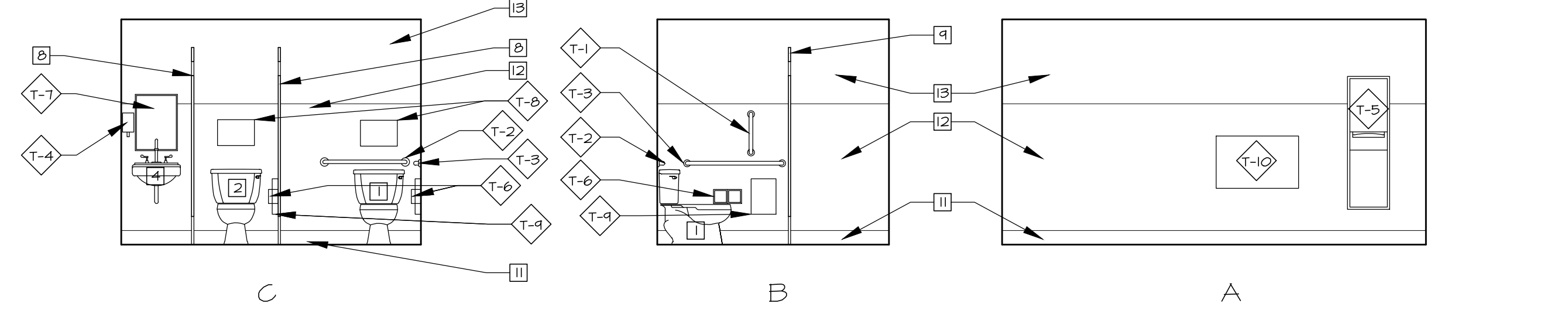
**4 ENLARGED STAIR FLOOR PLAN** 1/4" = 1'-0"



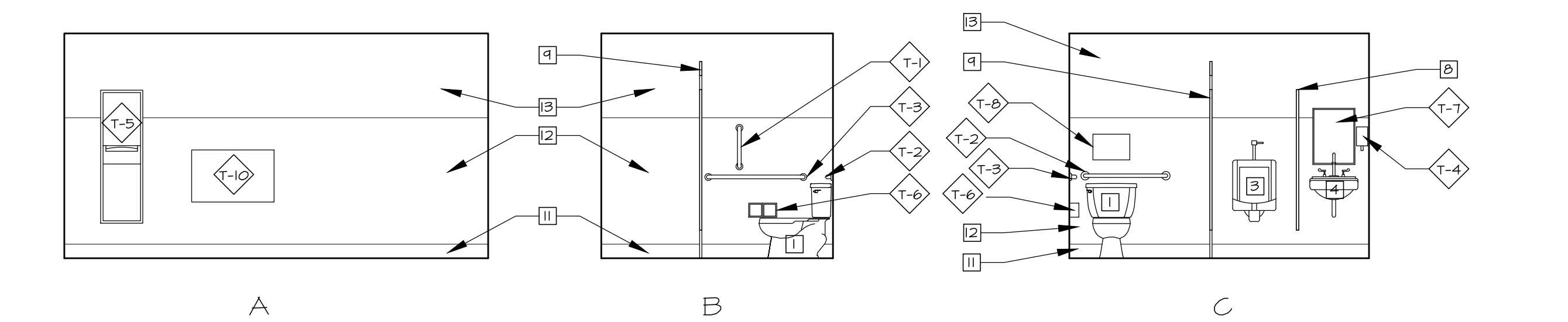
**6 STAIR DETAIL** 1" = 1'-0"



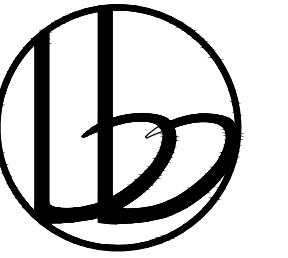
**1 ENLARGED TOILET ROOMS FLOOR PLAN** 1/4" = 1'-0"



**3 WOMEN'S INTERIOR ELEVATIONS** 1/4" = 1'-0"



**2 MEN'S INTERIOR ELEVATIONS** 1/4" = 1'-0"



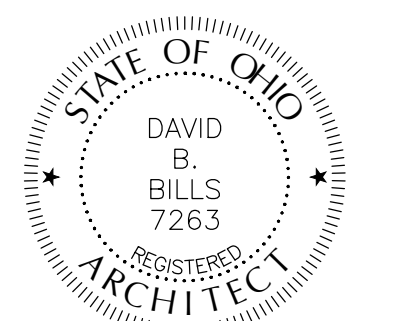
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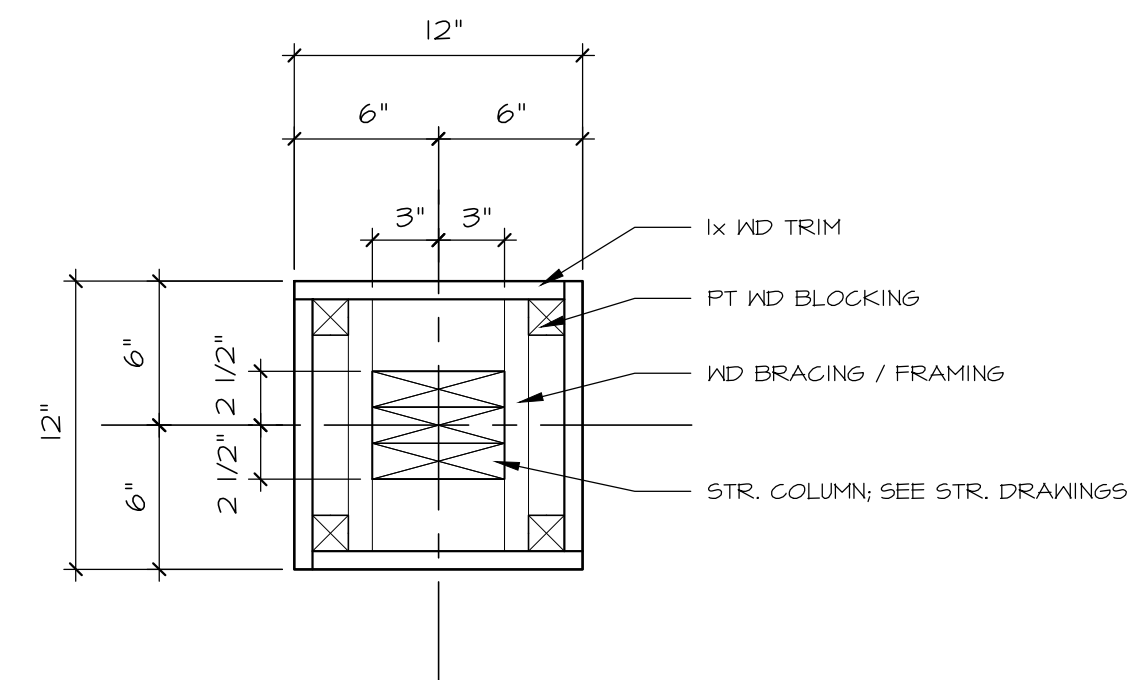
DAVID B. BILLS, LICENSE #7263  
EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
12/23/20

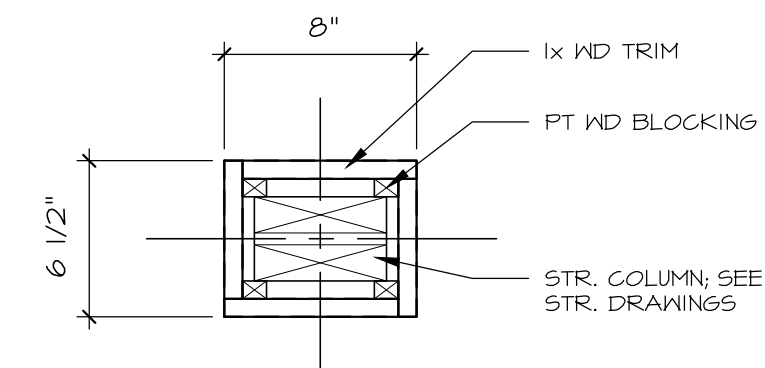
A201265

ENTRY & COLUMN  
DETAILS

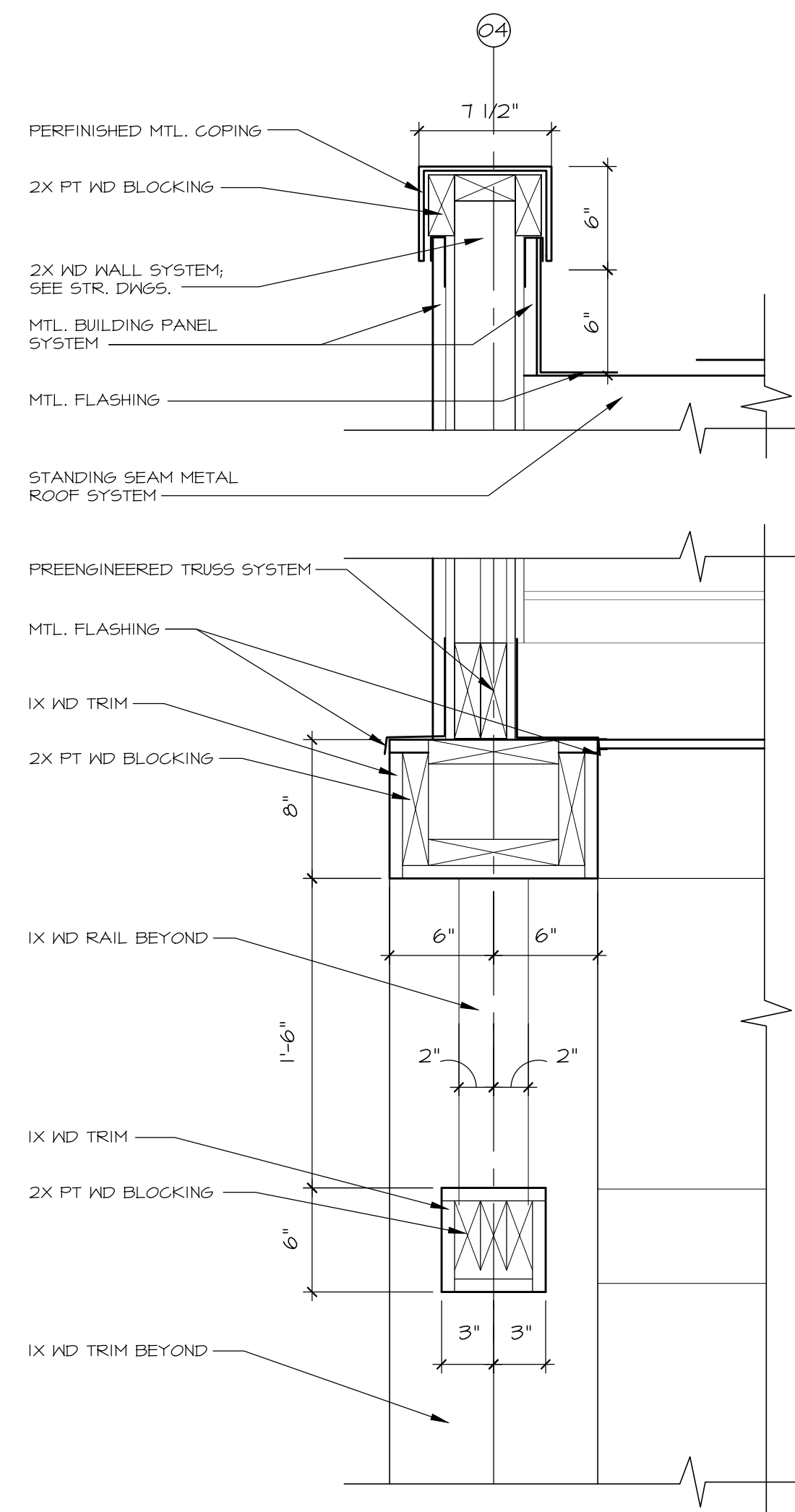
A502



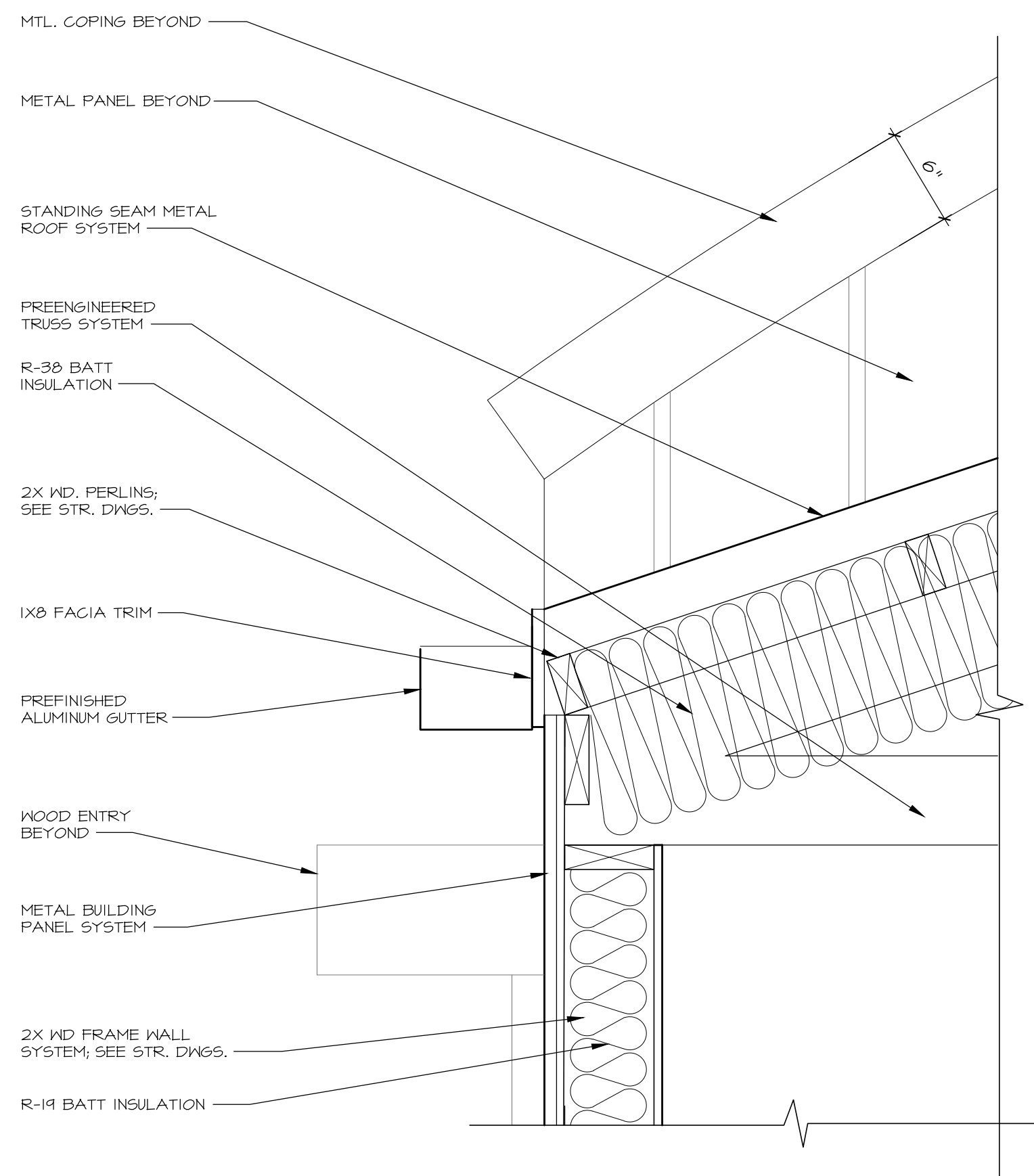
4 COLUMN PLAN DETAIL 1 1/2" = 1'-0"



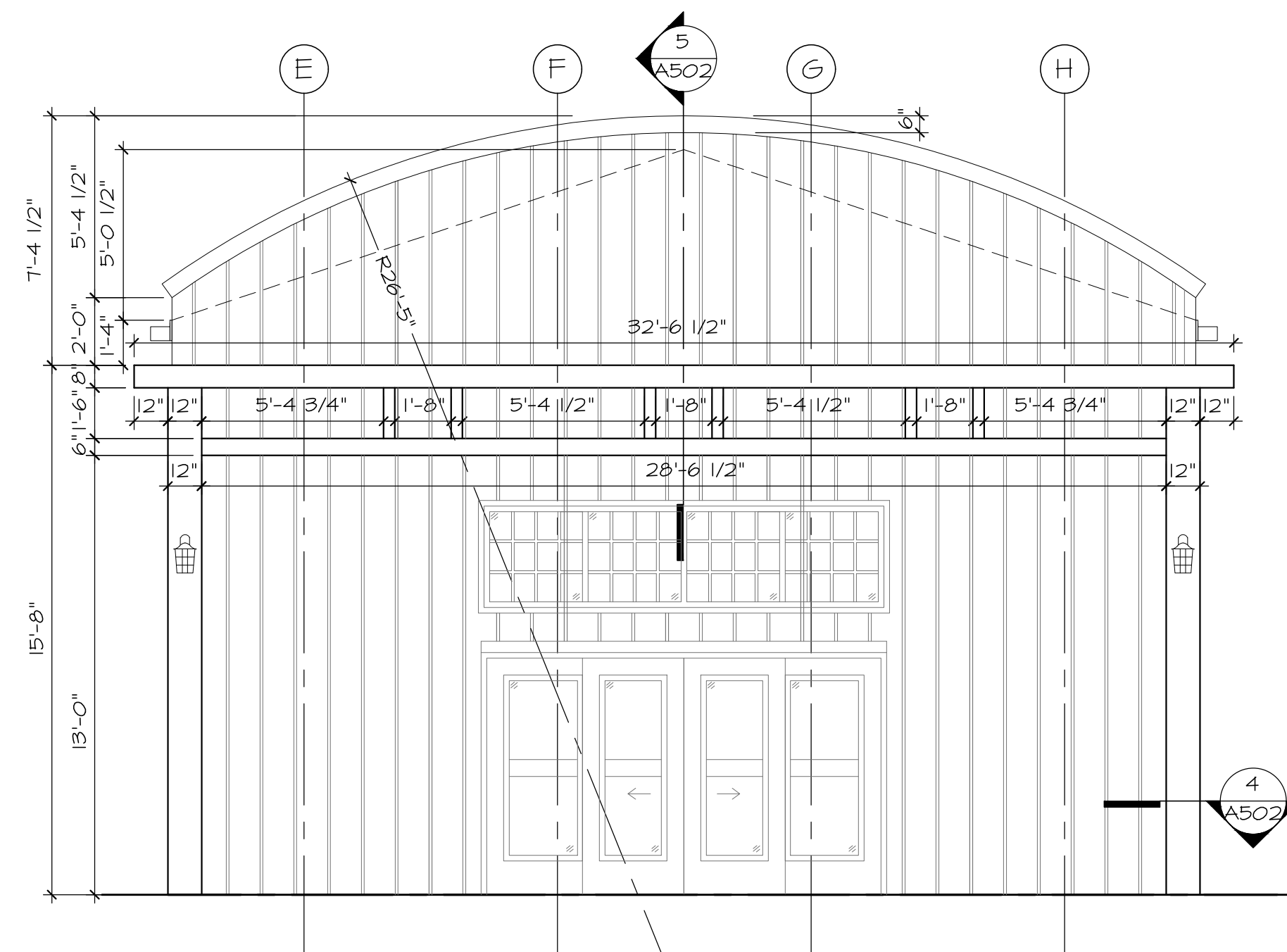
3 COLUMN PLAN DETAIL 1 1/2" = 1'-0"



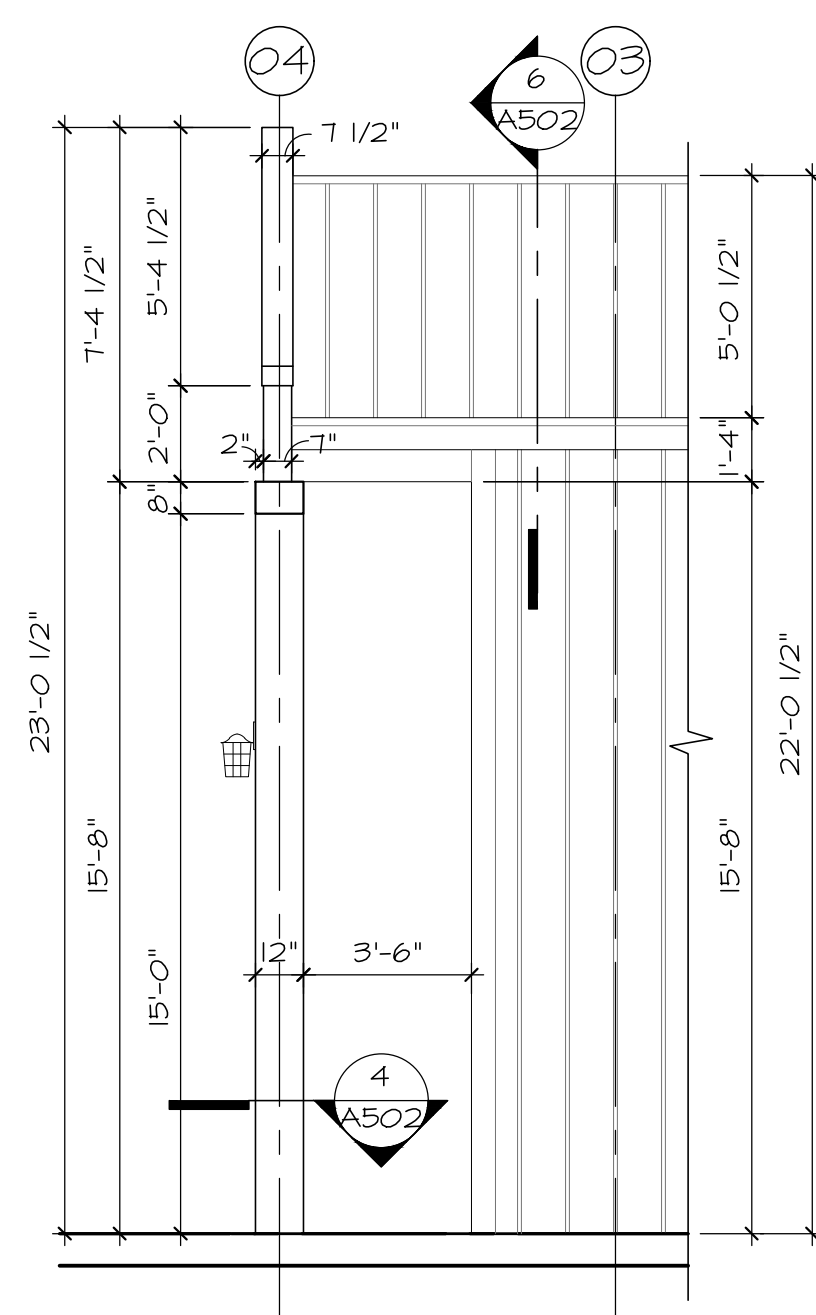
5 SECTION 1 1/2" = 1'-0"



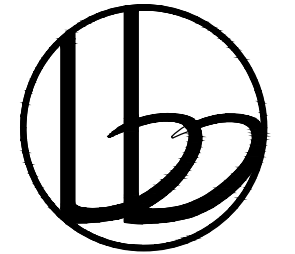
6 SECTION 1 1/2" = 1'-0"



1 ENLARGED ENTRY FRONT ELEVATION 1/4" = 1'-0"



2 ENLARGED ENTRY SIDE ELEVATION 1/4" = 1'-0"

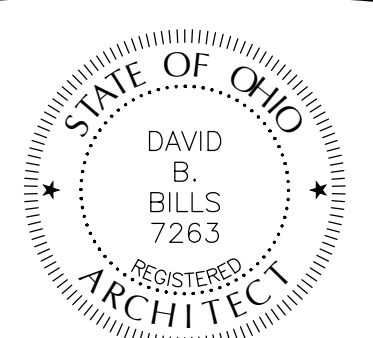


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EXPIRATION DATE 12/31/2021

SUBMITTAL DATE  
12/23/20

A201265

SCHEDULES &  
DETAILS

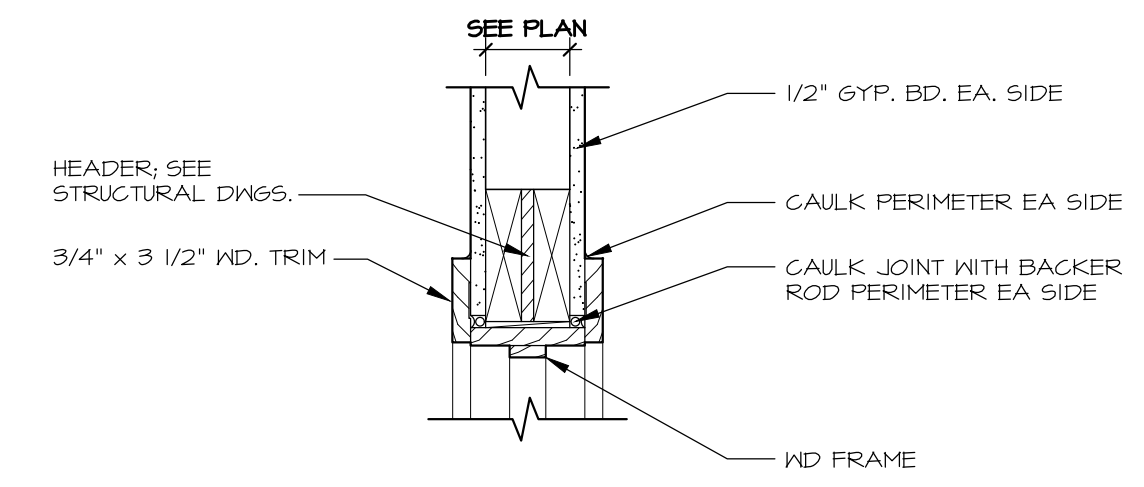
A601

DOOR SCHEDULE

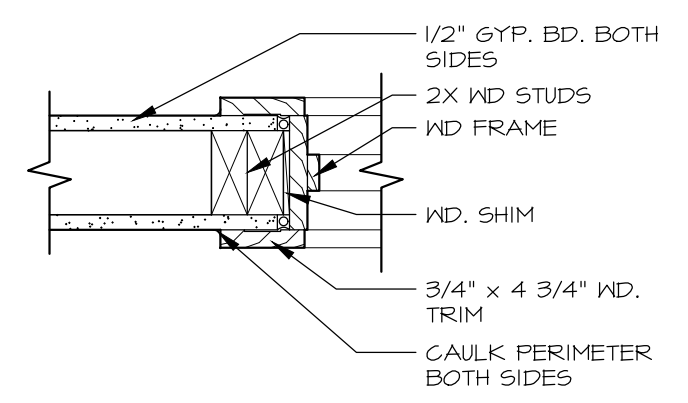
DOOR #	DOOR		FRAME				HARDWARE											REMARKS									
	DOOR SIZE	DOOR THICKNESS	TYPE	MATERIAL	FINISH	MATERIAL	FINISH	TYPE	FIRE RATING	L	PA	PR	CL	DS	DP	US	ST		AD	HS							
101A	(2) 3'-0" x 7'-0"	1 3/4"	2	STEEL	PAINT	H.M.	PAINT			●																	
101B	3'-0" x 7'-0"	1 3/4"	2	STEEL	PAINT	H.M.	PAINT			●																	
101C	3'-0" x 7'-0"	1 3/4"	1	MASONITE	PAINT	WOOD	PAINT			●																	
102	3'-0" x 7'-0"	1 3/4"	1	MASONITE	PAINT	WOOD	PAINT			●																	
103	3'-0" x 7'-0"	1 3/4"	1	MASONITE	PAINT	WOOD	PAINT			●																	
104	3'-0" x 7'-0"	1 3/4"	1	MASONITE	PAINT	WOOD	PAINT			●																	
105A	(2) 3'-0" x 7'-0"	1 3/4"	3	ALUM	FACT	ALUM	FACT																		HARDWARE PROVIDED BY MANUFACTURER.		
105B	(2) 3'-0" x 7'-0"	1 3/4"	3	ALUM	FACT	ALUM	FACT																			HARDWARE PROVIDED BY MANUFACTURER.	
105C	3'-0" x 7'-0"	1 3/4"	2	STEEL	PAINT	H.M.	PAINT			●																	
106A	(2) 3'-0" x 7'-0"	1 3/4"	4	MASONITE	SS	WOOD	PAINT			●																	
106B	(2) 3'-0" x 7'-0"	1 3/4"	2	STEEL	PAINT	H.M.	PAINT			●																	
106C	(2) 3'-0" x 7'-0"	1 3/4"	4	MASONITE	SS	WOOD	PAINT			●																	
106D	3'-0" x 7'-0"	1 3/4"	4	MASONITE	SS	WOOD	PAINT			●																	
106E	(2) 3'-0" x 7'-0"	1 3/4"	2	STEEL	PAINT	H.M.	PAINT			●																	
201	3'-0" x 7'-0"	1 3/4"	1	MASONITE	PAINT	WOOD	PAINT			●																	

GENERAL NOTES:

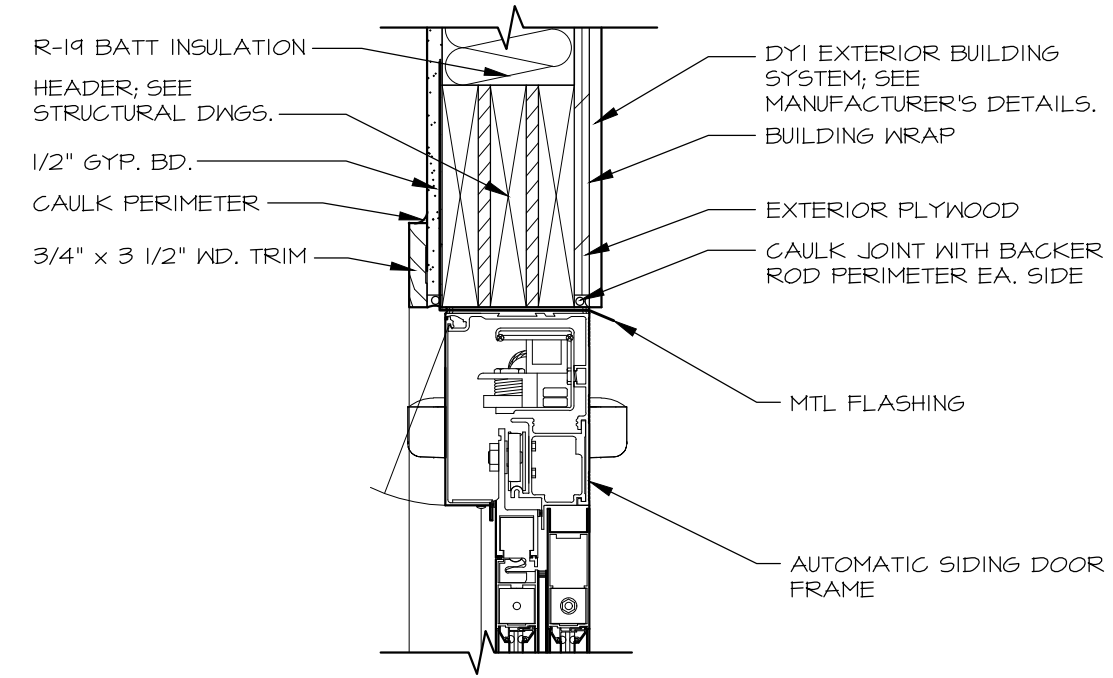
- CONFIRM DOOR FINISHES WITH OWNER.
- CONTRACTOR TO COORDINATE DOOR TYPE WITH MECHANICAL CONTRACTOR. (DOORS SHOULD TO BE UNDERCUT OR HAVE LOUVERS FOR VENTILATION)
- CONTRACTOR TO CONFIRM LOCKING DOOR HARDWARE FOR ALL ROOMS WITH OWNER.
- S.S.= STAINLESS STEEL
- H.M.= HOLLOW METAL
- ALUM= ALUMINUM
- FACT= FACTORY FINISH



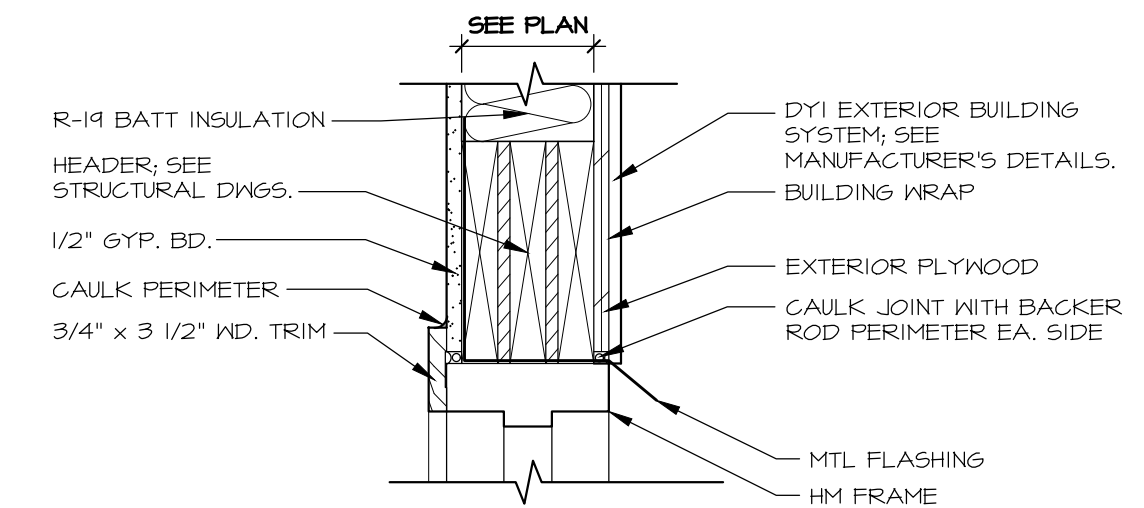
TYPICAL INTERIOR HEAD



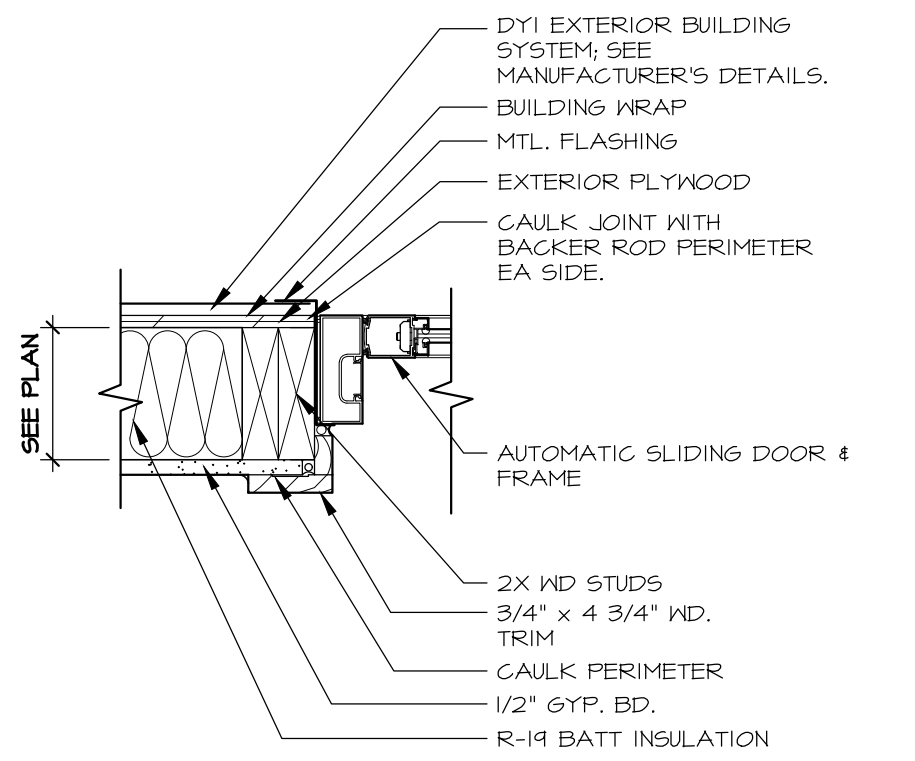
TYPICAL INTERIOR JAMB



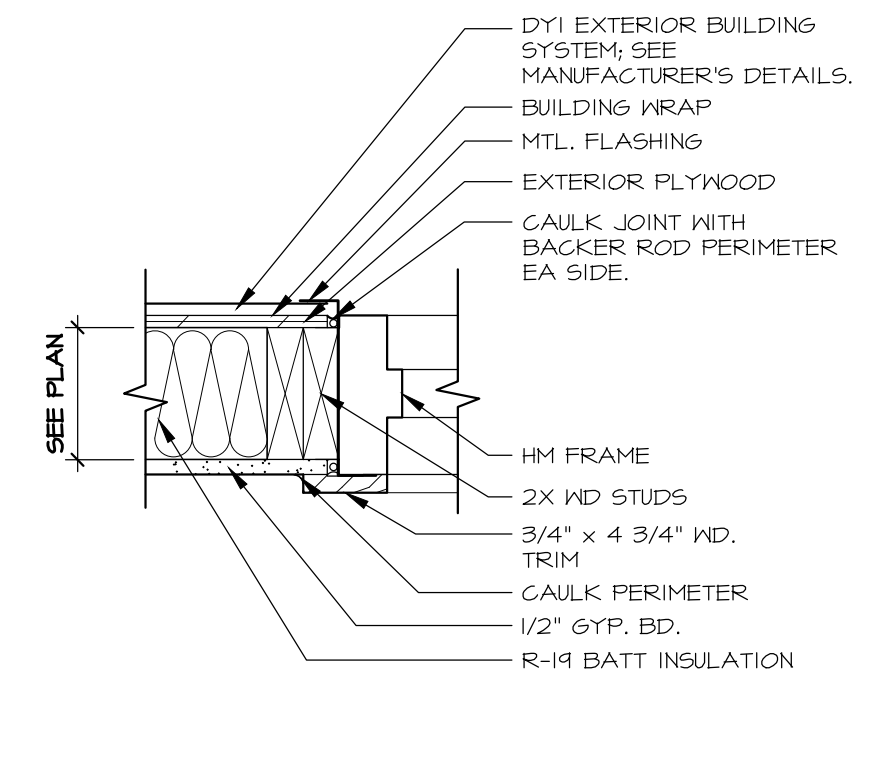
SLIDING DOOR HEAD



TYPICAL EXTERIOR HEAD



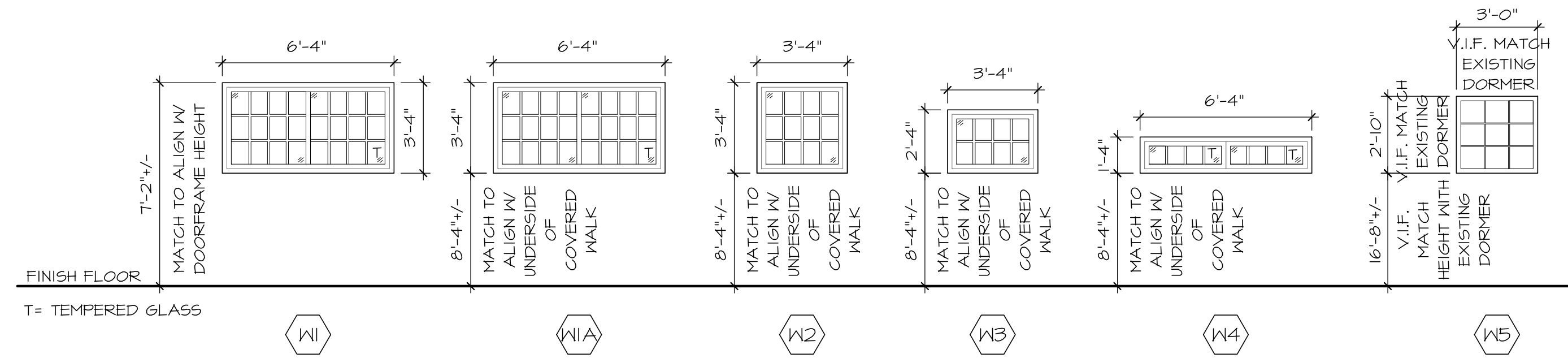
SLIDING DOOR JAMB



TYPICAL EXTERIOR JAMB



3 DOOR TYPES



1 WINDOW TYPES

2 DOOR & JAMB DETAILS

1 1/2" = 1'-0"