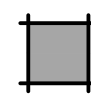


# ALTIS SERENITY CLUBHOUSE

Hartnett County, North Carolina 28207



DIRECTORY						PROJECT DATA *	
OWNER : TRI POINTE HOMES			STRUCTURAL ENGINEER : TYNDALL ENGINEERING			OWNER : TRI POINTE HOMES	
CONTACT : KRISTI DILLARD E-MAIL : kristi.dillard@tripointehomes.com			CONTACT : SCOTT PYRCH E-MAIL : spyrch@tyndallengineering.com			PROJECT ADDRESS : 325 STREAMSIDE TERRACE, FUQUAY-VARINA, NC 27526	
ARCHITECT : BASSENIAN LAGONI ARCHITECTS			MECHANICAL ENGINEER : WEST KEY CONSULTING			ZONING / TAX PARCEL NO. : PARCEL ID: 080655 0034 04 PIN: 0645-84-979.000	
CONTACT : Gary Penman E-MAIL : gpenman@bassenianlagoni.com			CONTACT : DENNIS NIELD E-MAIL : dnield@westkeyconsulting.com			BUILDING CLASSIFICATION: CLUB HOUSE A-3, POOL EQUIPMENT BLDG. U, MAIL BOX BLDG. B	
CIVIL ENGINEER : WITHERS RAVENEL			PLUMBING ENGINEER : WEST KEY CONSULTING			FIRE SPRINKLER: CLUB HOUSE ONLY FIRE SPRINKLERS PER NFPA 13	
CONTACT : KYLE FREEHART E-MAIL : kfreehart@withersravenel.com			CONTACT : DENNIS NIELD E-MAIL : dnield@westkeyconsulting.com			TYPE OF CONSTRUCTION : TYPE V-B	
LANDSCAPE ARCHITECT : WITHERS RAVENEL			ELECTRICAL ENGINEER : WEST KEY CONSULTING			CODES : 2018 NORTH CAROLINA STATE BUILDING CODE 2018 NORTH CAROLINA STATE BUILDING CODE - ENERGY CONSERVATION CODE 2018 NORTH CAROLINA STATE BUILDING CODE - MECHANICAL CODE 2018 NORTH CAROLINA STATE BUILDING CODE - PLUMBING CODE 2018 NORTH CAROLINA STATE BUILDING CODE - FUEL GAS CODE 2018 NORTH CAROLINA STATE BUILDING CODE - FIRE PREVENTION CODE 2020 NORTH CAROLINA STATE BUILDING CODE - ELECTRICAL CODE 2009 ICC/ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ALL LOCAL CODES, AMENDMENTS AND ORDINANCES	
CONTACT : DANIEL WHATLEY E-MAIL : dwhatley@withersravenel.com			CONTACT : DENNIS NIELD E-MAIL : dnield@westkeyconsulting.com			GOVERNING BODY : HARTNETT COUNTY, NORTH CAROLINA	
POOL DESIGNER : SHULTZ ENGINEERING			INTERIOR DESIGNER: MARY COOK & ASSOCIATES			*SEE SHEETS APD.1 OR COMPLETE CODE ANALYSIS SUMMARY.	
CONTACT : TAMMY ELLIS E-MAIL : tellis@shultzeg.com			CONTACT : TARA HOUSTON E-MAIL : thouston@marycook.com				

SEQUENCE OF DRAWINGS							
SHEET	DESCRIPTION	SHEET	DESCRIPTION	SHEET	DESCRIPTION	SHEET	DESCRIPTION
		ACover	SHEET INDEX, VICINITY MAP, PROJECT INFORMATION	STRUCTURAL			
		AGN.1	GENERAL NOTES	S0.0	STRUCTURAL NOTES		
		AGN.2	GENERAL NOTES	S1	CLUB HOUSE - FOUNDATION PLAN		
		APD.1	PROJECT DATA, EXITING DIAGRAMS	S2	CLUB HOUSE - 1ST FLOOR HDR / 1ST FLOOR CEILING FRAMING PLAN		
		ARS.1	ARCHITECTURAL REFERENCE SITE PLAN	S2.1	CLUB HOUSE - BRACING PLAN		
				S3	CLUB HOUSE - ROOF PLAN		
		CLUB HOUSE		S4	MAIL STRUCTURE - FOUND. & ROOF PLAN / FIRST FLOOR CLG FRAMING		
		A1.1	CLUB HOUSE SLAB PLAN	S5	POOL BUILDING - FOUND. & ROOF PLAN / FIRST FLOOR CLG FRAMING		
		A1.2	CLUB HOUSE FLOOR PLAN	D1	STANDARD DETAILS		
		A1.3	CLUB HOUSE REFLECTED CEILING PLAN				
		A1.4	CLUB HOUSE ROOF PLAN	ELECTRICAL			
		A1.5	CLUB HOUSE BUILDING SECTIONS	E1.1	ELECTRICAL NOTES AND DETAILS		
		A1.6	CLUB HOUSE BUILDING SECTIONS	E2.1	LIGHTING PLAN		
		A1.7	CLUB HOUSE BUILDING SECTIONS	E3.1	POWER PLAN		
		A1.8	CLUB HOUSE BUILDING EXTERIOR ELEVATIONS	E4.1	ELECTRICAL SITE/POOL DECK AREA PLAN, ELECTRICAL PLAN - MAIL BLDG., ELECTRICAL PLAN - POOL BLDG.		
		A1.9	CLUB HOUSE BUILDING EXTERIOR ELEVATIONS	E5.1	ELECTRICAL SCHEDULES, RISER DIAGRAM, DETAILS		
		POOL EQUIPMENT BUILDING		E5.2	PANEL SCHEDULES		
		A2.1	POOL EQUIPMENT BUILDING SLAB PLAN	FIRE ALARM SYSTEM			
		A2.2	POOL EQUIPMENT BUILDING FLOOR PLAN	FA1.1	FIRE ALARM PLAN / FIRE ALARM RISER DIAGRAM / MOUNTING DETAIL		
		A2.3	POOL EQUIPMENT BUILDING REFLECTED CEILING PLAN				
		A2.4	POOL EQUIPMENT BUILDING ROOF PLAN	MECHANICAL			
		A2.5	POOL EQUIPMENT BUILDING SECTIONS	M.1	FLOOR PLANS - HVAC		
		A2.6	POOL EQUIPMENT BUILDING EXTERIOR ELEVATIONS	M.2	HVAC SCHEDULES / GAS RISER DIAGRAMS / CALCULATIONS		
		MAIL BUILDING		M.3	GENERAL NOTES AND DETAILS		
		A3.1	MAIL BUILDING SLAB PLAN	PLUMBING			
		A3.2	MAIL BUILDING FLOOR PLAN	P.1	CLUBHOUSE FLOOR PLAN - S, W, + V		
		A3.3	MAIL BUILDING REFLECTED CEILING PLAN	P.2	CLUBHOUSE FLOOR PLAN - WATER		
		A3.4	MAIL BUILDING ROOF PLAN	P.3	RISER - S, W, + V / RISER - WATER / ELECTRIC WATER HEATER DETAIL		
		A3.5	MAIL BUILDING SECTIONS PLAN	CIVIL			
		A3.6	MAIL BUILDING EXTERIOR ELEVATIONS PLAN	C.1	CIVIL COVER SHEET - FOR REFERENCE ONLY		
		ENLARGED ACCESSIBILITY PLANS AND INTERIOR ELEVATIONS		C2.00	CIVIL SITE PLAN - FOR REFERENCE ONLY		
		A4.0	CLUB HOUSE ENLARGED ACCESSIBILITY PLANS	C3.00	CIVIL UTILITY PLAN - FOR REFERENCE ONLY		
		A4.1	CLUB HOUSE ENLARGED ACCESSIBILITY PLANS				
		A4.2	CLUB HOUSE INTERIOR ELEVATIONS				
		A4.3	CLUB HOUSE INTERIOR ELEVATIONS				
		A4.4	CLUB HOUSE INTERIOR ELEVATIONS				
		A4.5	MAIL BUILDING ACCESSIBILITY PLAN AND INTERIOR ELEVATIONS				
		SCHEDULES					
		A5.0	FINISH SCHEDULE				
		A5.1	DOOR SCHEDULE				
		A5.2	WINDOW SCHEDULE				
		ARCHITECTURAL DETAILS					
		AD.1	DETAILS				
		AD.1.1	DETAILS				
		AD.2	DETAILS				
		AD.2.1	DETAILS				
		AD.3	DETAILS				
		AD.4	DETAILS				
		AD.5	DETAILS				

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## 1st PLAN CHECK

Date: 02-21-25

## REVISIONS



**ALTIS SERENITY  
CLUB HOUSE**  
HARTNETT COUNTY  
NORTH CAROLINA



**SHEET INDEX  
VICINITY MAP  
PROJECT INFO**

# ACover

JOB NUMBER: 667-24126  
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BASSENIAN LAGONI ARCHITECTS

PLOT DATE: 2-21-25

FILE NAME: 4126\_01 COVER







GENERAL NOTES

DIVISION 6  
CARPENTRY

( CONTINUED )

ATTIC VENTILATION

ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF FRAMING MEMBERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN AND SNOW. BLOCKS AND BRIDGES SHALL BE ARRANGED SO AS NOT TO INTERFERE WITH THE MOVEMENT OF AIR. A MINIMUM OF 1 INCH OF AIRSPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING. NET FREE VENTILATION AREA SHALL COMPLY WITH I.B.C. 1209.2

- NET FREE VENTING AREA PROVIDED BY EACH VENT IS BASED ON ASSUMED VENT SIZE AND FREE AREAS. FIELD VERIFY THAT THE MINIMUM "REQUIRED VENTING" AS LISTED IN THE ATTIC VENT CALCULATIONS IS PROVIDED WHEN THE FREE VENTING FOR INDIVIDUAL VENTS IS DIFFERENT THAN THOSE LISTED IN THE ATTIC VENT CALCULATIONS.
- ALL VENT OPENINGS SHALL BE COVERED WITH CORROSION-RESISTANT WIRE CLOTH SCREENING, HARDWARE CLOTH, PERFORATED VINYL OR SIMILAR MATERIAL THAT WILL PREVENT THE ENTRY OF BIRDS, SQUIRRELS, RODENTS, SNAKES AND OTHER SIMILAR CREATURES. THE OPENINGS THEREIN SHALL BE A MINIMUM OF 1/16 INCH AND SHALL NOT EXCEED 1/4 INCH.
- FRAMER SHALL BE RESPONSIBLE FOR COORDINATING W/ TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.
- ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WEATHER-PROOF AND WALL MOUNTED LOVERS SHALL BE SEALED AND FLASHED IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATIONS.
- PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION.

DIVISION 7  
THERMAL & MOISTURE PROTECTION

FLASHING AND COUNTERFLASHING

- EXTERIOR OPENINGS EXPOSED TO THE WEATHER SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WEATHER-PROOF. FLASHING AND COUNTERFLASHING SHALL BE PROVIDED AT THE JUNCTION OF THE ROOF AND VERTICAL SURFACES (WALLS, ETC.). ALL PARAPETS SHALL BE PROVIDED WITH COPING OF APPROVED MATERIALS. ALL FLASHING, COUNTERFLASHING AND COPING, WHEN OF METAL, SHALL BE OF NOT LESS THAN NO. 26 U.S. GAUGE CORROSION-RESISTANT METAL.

ROOF VALLEY FLASHING SHALL BE PROVIDED FOR SHINGLES AS FOLLOWS:

- ASPHALT SHINGLES: THE ROOF VALLEY FLASHING SHALL BE THE SAME AS REQUIRED FOR WOOD SHINGLES OR SHALL BE OF LACED ASPHALT SHINGLES APPLIED IN AN APPROVED MANNER WITH AN UNDERLAYMENT OF NOT LESS THAN TYPE I FELT. EXTENDING 18 INCHES FROM THE CENTER LINE EACH WAY, OR SHALL BE OF TWO LAYERS OF 40-POUND MINERAL SURFACING CAP SHEET CEMENTED TOGETHER WITH THE BOTTOM LAYER NOT LESS THAN 12 INCHES WIDE LAID FACE DOWN AND THE TOP LAYER NOT LESS THAN 24 INCHES WIDE LAID FACE UP.
- SLATE SHINGLES AND GLAY AND CONCRETE TILE: THE ROOF VALLEY FLASHING SHALL BE PROVIDED OF NOT LESS THAN NO. 26 GALVANIZED STEEL GAUGE CORROSION-RESISTANT METAL APPLIED OVER AN UNDERLAYMENT OF NOT LESS THAN 20# ASPH. FELT. THE METAL SHALL EXTEND AT LEAST 12 INCHES FROM THE CENTERLINE EACH WAY AND SHALL HAVE A SPLASH DIVERTER RIB NOT LESS THAN 4 INCHES. FLASH AND COUNTERFLASH AT ALL ROOF TO WALL CONDITIONS. G. FLASH AND CAULK WOOD BEAMS AND OUTLOOKERS PROJECTED THROUGH EXTERIOR WALLS OR ROOF SURFACES, WHERE EXPOSED TO WEATHER, FLASH ALL HORIZONTAL WOOD TRIM BUTTING TO EXTERIOR FINISH.

SKYLIGHTS

- SKYLIGHTS ARE TO BE CONSTRUCTED AND INSTALLED AS PER MANUFACTURERS SPECIFICATIONS AND I.B.C. 2405

WEATHERPROOFING WEATHER-EXPOSED AREAS

BALCONIES, LANDINGS, EXTERIOR STAIRWAYS, OCCUPIED ROOFS AND SIMILAR SURFACES EXPOSED TO THE WEATHER AND SEALED UNDERNEATH SHALL BE WEATHERPROOFED AND SLOPED A MINIMUM OF 1/4 INCH VERTICAL IN 12 UNITS HORIZONTAL (2% SLOPE) FOR DRAINAGE.

DAMP-PROOFING FOUNDATION WALLS

- UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL FOUNDATION WALLS ENCLOSING A BASEMENT BELOW FINISHED GRADE SHALL BE DAMPROOFED OUTSIDE BY APPROVED METHODS AND MATERIALS.

INSULATION

SEE ENERGY COMPLIANCE CALCULATIONS FOR ENERGY EFFICIENCY REQUIREMENTS.

- THE FOLLOWING OPENINGS IN THE BUILDING ENVELOPE MUST BE CAULKED, SEALED, CAULKED, SEALED OR WEATHERSTRIPPED:
  - EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALL PANELS, WALL SOLE PLATES AND FLOORS.
  - OPENINGS FOR PLUMBING, ELECTRICAL AND GAS LINES IN EXTERIOR AND INTERIOR WALLS, CEILING AND FLOORS.
  - OPENINGS IN THE ATTIC FLOOR (SUCH AS WHERE CEILING PANELS MEET INTERIOR AND EXTERIOR WALLS AND MASONRY FIREPLACES).
  - AND ALL OTHER SUCH OPENING IN THE BUILDING ENVELOPE.

ALTERNATIVE APPROVED TECHNIQUES MAY BE USED TO MEET THE STANDARD CAULKING REQUIREMENTS FOR EXTERIOR WALLS, INCLUDING BUT NOT LIMITED TO: CONTINUOUS STUCCO, CAULKING OR TAPING OF ALL JOINTS BETWEEN WALL COMPONENTS (E.G. BETWEEN SLATS IN WOOD SLAT WALLS), BUILDING WRAPS, OR RIGID WALL INSULATION.

- BUILDER AND INSULATION INSTALLER ARE TO PROVIDE A CERTIFICATE OF INSULATION AND POST IN THE BUILDING IN A CONSPICUOUS LOCATION.
- SEE PLANS FOR PARTY WALL CONDITIONS.

DIVISION 7  
THERMAL & MOISTURE PROTECTION

EXTERIOR WALL COVERINGS

- WEATHER RESISTIVE BARRIER - PROVIDE ONE (1) LAYER 60 MINUTE GRADE 'D' PAPER MINIMUM UNDER ALL EXTERIOR FINISHES. (2 LAYERS OVER WOOD BASE SHEATHING BEHIND EXTERIOR PLASTER).

MATERIALS

- ALL EXTERIOR MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, APPLICABLE EDITION, STATE AND LOCAL CODES.
- SIDING: SOLID WOOD SIDING SHALL HAVE AN AVERAGE THICKNESS OF 3/8 INCH UNLESS FLAKED OVER SHEATHING PERMITTED BY I.B.C. SIDING PATTERNS KNOWN AS RUSTIC DROP SIDING OR SHIP LAP SHALL HAVE AN AVERAGE THICKNESS IN PLACE OF NOT LESS THAN 1/32 INCH AND SHALL HAVE A MINIMUM THICKNESS OF NOT LESS THAN 3/8 INCH. BEVEL SIDING SHALL HAVE A MINIMUM THICKNESS MEASURED AT THE BUTT JOINT SECTION OF NOT LESS THAN 7/16 INCH AND A TIP THICKNESS OF NOT LESS THAN 3/16 INCH. ALL WEATHERBOARDING OR SIDING SHALL BE SECURELY NAILED TO EACH STUD WITH NOT LESS THAN ONE NAIL OR 16/22 INCH WOOD STRUCTURAL PANEL SHEATHING OR 1/2 INCH PARTICLE BOARD SHEATHING WITH NOT LESS THAN ONE LINE OF NAILS SPACED NOT MORE THAN 24 INCHES ON CENTER IN EACH PIECE OF THE WEATHERBOARDING OR SIDING.
- WHERE HARDBOARD SIDING IS USED FOR COVERING THE OUTSIDE OF EXTERIOR WALLS, IT SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE, APPLICABLE EDITION, STATE AND LOCAL CODES. LAP SIDING SHALL BE INSTALLED HORIZONTALLY AND APPLIED TO SHEATHED OR UNSHEATHED WALLS. CORNER BRACING SHALL BE INSTALLED TO CONFORM WITH I.B.C. REQUIREMENTS.
- VINYL SIDING MAY BE INSTALLED ON EXTERIOR WALLS ACCORDING TO THE REQUIREMENTS OF I.B.C. SECTION 1409.14 AND SHALL BE SECURED TO THE BUILDING SO AS TO PROVIDE WEATHER PROTECTION FOR THE EXTERIOR WALLS.
- GRADE 'D' PAPER SHALL BE INSTALLED UNDER LAP SIDING. ALL FASTENERS USED FOR THE ATTACHMENT OF SIDING SHALL BE OF A CORROSION-RESISTANT TYPE, NAIL SIZE AND SPACING SHALL MEET I.B.C. REQUIREMENTS AND SHALL PENETRATE FRAMING 1/2". LAP SIDING SHALL OVERLAP 1 INCH MINIMUM AND BE NAILED THROUGH BOTH COVERS AND INTO FRAMING MEMBERS WITH NAILS LOCATED 1/2 INCH FROM BOTTOM OF THE OVERLAPPED COURSE, OR TO MANUFACTURERS SPECIFICATIONS.

ASPHALT COMPOSITION SHINGLES

- ASPHALT COMPOSITION SHINGLES TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS AND I.B.C. 1212. HEIGHT, COLOR AND MATERIAL TO BE APPROVED BY ARCHITECT AND/OR OWNER.

GLAY TILE / CONCRETE TILE

- ROOF TILE SHALL BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS AND I.B.C. 1207.3. COLOR AND SHAPE TO BE APPROVED BY ARCHITECT AND/OR OWNER.
- PROVIDE NAILING AND WIND CLIPS PER MANUFACTURERS PUBLISHED INSTALLATION PROCEDURES.

BUILT-UP ROOFING MATERIALS

- EACH PACKAGE OF FELTS, CEMENTS, AND BASE, FLY COMBINATION OR CAP SHEETS SHALL BEAR THE LABEL OF AN APPROVED TESTING LABORATORY HAVING A SERVICE FOR THE INSPECTION OF MATERIAL AND FINISHED PRODUCTS DURING MANUFACTURE FOR SUCH BUILT-UP ROOFING MATERIAL.
- BUILT-UP ROOFING SHALL BE APPLIED TO SOLID ROOF SHEATHINGS AS SPECIFIED IN DIVISION 6 OF THESE GENERAL NOTES.
- BASE SHEETS SHALL BE NAILED USING NOT LESS THAN ONE NAIL PER EACH 1-1/2 SQUARE FOOT WITH NAILS OF THE TYPE REQUIRED BY THE MANUFACTURER FOR THE TYPE OF DECK. SUCCESSIVE LAYERS SHALL BE CEMENTED TO THE BASE SHEETS USING 20 POUNDS OF HOT ASPHALT FOR SOLID WORKING (20 POUNDS PER SPOT OR STRIP-MORPHING), OR NOT LESS THAN TWO GALLONS OF COLD BITUMINOUS COMPOUND IN ACCORDANCE WITH MANUFACTURERS PUBLISHED SPECIFICATIONS, OR 30 POUNDS OF HOT COAT TAR PITCH PER ROOFING SQUARE.
- MINERAL AGGREGATE SURFACED ROOFS SHALL BE SURFACED WITH NOT LESS THAN 60 POUNDS OF HOT ASPHALT OR OTHER CEMENTING MATERIAL IN WHICH IS IMBEDDED NOT LESS THAN 400 POUNDS OF GRAVEL OR OTHER APPROVED SURFACING MATERIAL OR 500 POUNDS OF CRUSHED SLAG PER ROOFING SQUARE. COLOR TO BE APPROVED BY ARCHITECT.
- CAP SHEETS SHALL BE CEMENTED TO THE BASE SHEETS USING NOT LESS CEMENTING MATERIAL THAN THAT SPECIFIED FOR SOLIDLY CEMENTED BASE SHEETS.

MEMBRANE WATER RESISTIVE BARRIER

- MEMBRANE "WATERPROOFING" SHALL BE INSTALLED TO PREPARED SURFACES BY SKILLED AND QUALIFIED MECHANICS AND SHALL CONFORM TO THE FOLLOWING:

MATERIALS

- ASPHALT PRIMER: CONFORM TO ASTM D41.
- ASPHALT EMULSION: CONFORM TO ASTM D181. FLINTKOTE G-15 OR EQUAL.
- GLASS CLOTH: CONFORM TO FS H-4-4668. FLINTKOTE YELLOW JACKET OR EQUAL.
- PROTECTION COURSE: CONFORM TO FS H-1-5286. FLINTKOTE FLINTGLAS OR MINIMUM 3/8 INCH THICK GYPSUM BOARD. SUMMARY OF MATERIALS PER 100 SQUARE FEET:

Asphalt emulsion primer (1-1/2 gallons)	15 lbs.
First course G-15-E (3 gallons)	30 lbs.
Second course glass fabric	1 lbs.
Third course G-15-E	30 lbs.
Fourth course G-15-E (3 gallons)	30 lbs.
Approximate total weight (wet)	106 lbs.

BALCONY AND DECK COATING

- ELASTOMERIC OR MEMBRANE DECK COATINGS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS. COLOR AND FINISH AND DETAILING TO BE APPROVED BY ARCHITECT AND/OR OWNER.

EXTERIOR DECKS

- DECKS, BALCONIES, LANDINGS, EXTERIOR STAIRWAYS AND SIMILAR SURFACES EXPOSED TO THE WEATHER AND SEALED UNDERNEATH SHALL BE WEATHERPROOFED.
- ALL EXTERIOR DECKS AND BALCONIES EXPOSED TO WEATHER SHALL BE CONSTRUCTED WITH SUFFICIENT SLOPE (MINIMUM 1/4" PER FOOT) TO ENSURE ADEQUATE DRAINAGE.
- UNLESS DESIGNED TO DRAIN OVER DECK EDGES, DRAINS AND OVERFLOWS OF ADEQUATE SIZE SHALL BE INSTALLED AT THE LOW POINTS OF THE DECK.
- PROVIDE MINIMUM 2 INCHES (N.O.D.) DROP FROM FINISHED INTERIOR FLOOR TO THE HIGHEST FLOOR LEVEL ON ANY ADJOINING DECK OR BALCONY.

DIVISION 8  
DOORS & WINDOWS

WINDOWS AND DOORS

- SEE FLOOR PLANS FOR SIZE AND TYPE. COLOR SHALL BE AS APPROVED BY ARCHITECT.
- ALUMINUM SURFACES TO BE PLACED IN CONTACT WITH WOOD, CONCRETE OR MASONRY CONSTRUCTION EXCEPT WHERE THE ALUMINUM IS TO BE EMBEDDED IN CONCRETE. SHALL BE PROTECTED AGAINST WEATHER AND SNOW BLOCKING AND BRIDGING SHALL BE INSTALLED. THE BITUMINOUS PAINT USED SHALL MEET THE REQUIREMENTS OF UNITED STATES MILITARY SPECIFICATION MIL-P-8883. THE PAINT SHALL BE APPLIED AS IT IS RECEIVED FROM THE MANUFACTURER WITH THE ADDITION OF ANY THINNER.
- ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE, ORDINARILY NEED NOT BE PAINTED UNLESS CORROSIVE COMPONENTS ARE ADDED TO THE CONCRETE IS SUBJECTED FOR EXTENDED PERIODS TO EXTREMELY CORROSIVE CONDITIONS, IN SUCH CASES, ALUMINUM SURFACES SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT, OR SHALL BE WRAPPED WITH A SUITABLE PLASTIC TAPE APPLIED IN SUCH A MANNER AS TO PROVIDE ADEQUATE PROTECTION AT THE OVERLAP.

GARAGE DOORS

- SPRING MUST BE CONTAINED WITH A RESTRAINT DEVICE TO ANCHOR THE SPRING OR ANY PART THEREOF IN THE EVENT IT FRACTURES.
- ALL GARAGE DOOR OPENERS REQUIRE THE INCLUSION OF A PHOTO-ELECTRIC SENSOR, EDGE SENSOR, OR SOME OTHER SIMILAR DEVICE FOR REMOTE OPERATION.

GLASS AND GLAZING (SAFETY GLAZING)

GLAZING INSTALLED IN HAZARDOUS LOCATIONS, SUBJECT TO HUMAN IMPACT SHALL COMPLY WITH I.B.C. 2406.4, (SAFETY GLASS), APPLICABLE EDITION AND STATE AND LOCAL CODES. THE FOLLOWING ARE CONSIDERED AS HAZARDOUS LOCATIONS FOR THE PURPOSE OF GLAZING:

- GLAZING IN ENTRANCE AND EXIT DOORS.
- GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES AND PANELS IN SWINGING DOORS OTHER THAN AN ALKALI-RESISTANT STAINLESS PAINT BEFORE INSTALLATION.
- GLAZING IN STORM DOORS.
- GLAZING IN ALL UNFRAMED SWINGING DOORS.
- GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHUBS AND SHOWERS, GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A STANDING SURFACE AND DRAIN INLET.
- GLAZING IN FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
- GLAZING IN FIXED PANELS WHICH HAVE A GLAZED AREA IN EXCESS OF 4 SQUARE FEET AND THE LOWEST EDGE IS LESS THAN 18 INCHES ABOVE THE FINISHED FLOOR LEVEL, OR WALKING SURFACE WITHIN 50 INCHES OF SUCH GLAZING, IN LIEU OF SAFETY GLAZING, SUCH GLAZED PANELS MAY BE PROTECTED WITH A HORIZONTAL MEMBER NOT LESS THAN 1-1/2 INCHES IN WIDTH WHEN LOCATED BETWEEN 24 AND 36 INCHES ABOVE THE WALKING SURFACE.
- GLAZING IN THE RAILINGS REGARDLESS OF HEIGHT ABOVE A WALKING SURFACE. THIS INCLUDES STRUCTURAL BALUSTER PANELS AND NON-STRUCTURAL IN-FILL PANELS.
- GLAZING IN WALLS AND FENCES USED AS THE BARRIER FOR INDOOR AND OUTDOOR SWIMMING POOLS AND SPAS WHEN ALL OF THE FOLLOWING CONDITIONS ARE FULFILLED:
  - THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE POOL SIDE OF THE GLAZING.
  - THE GLAZING IS WITHIN 5 FEET OF A SWIMMING POOL OR SPA DECK AREA.
- GLAZING IN WALLS ENCLOSING A STAIRWAY LANDINGS OR WITHIN 5 FEET OF THE BOTTOM AND TOP OF STAIRWAYS WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE.
- GLAZING IN HARDPORE DOORS SHALL MEET THE IMPACT TEST REQUIREMENTS FOR SAFETY GLAZING AS SET FORTH IN C.B.C. STANDARD NO. 24-2, PART II. LAMINATED GLASS SHALL ALSO MEET THE BOIL TEST REQUIREMENTS OF THE SAME STANDARD. MIRROR PANELS SHALL BE SAFETY GLAZED TO CONFORM WITH ANSI Z87.1.
- HINGED SHOWER DOORS SHALL OPEN OUTWARD.

WEATHER STRIPPING

- ALL SLIDING SWINGING DOORS AND WINDOWS OPENING TO THE EXTERIOR OR TO UNCONDITIONED AREAS SHALL BE FULLY WEATHER STRIPPED, GASKETED OR OTHERWISE TREATED TO LIMIT AIR INFILTRATION.
- ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHALL MEET THE AIR INFILTRATION STANDARDS OF THE CURRENT AMERICAN NATIONAL STANDARDS INSTITUTE ASTM E288-13 WITH A PRESSURE DIFFERENTIAL OF 151 POUNDS PER SQUARE FOOT AND SHALL BE CERTIFIED AND LABELED.

EXITS AND EMERGENCY ESCAPES

- BASEMENTS IN DWELLING UNITS AND EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE WINDOW OR DOOR APPROVED FOR EMERGENCY ESCAPE OR RESCUE WHICH SHALL OPEN DIRECTLY INTO A PUBLIC STREET, PUBLIC ALLEY, YARD OR EXIT COURT. THE UNITS SHALL BE OPERABLE FROM THE INSIDE TO PROVIDE A FULL CLEAR OPENING WITHOUT THE USE OF SEPARATE TOOLS.
- ALL ESCAPE OR RESCUE WINDOWS SHALL HAVE A MINIMUM NET CLEAR OPERABLE AREA OF 5.7 SQUARE FEET. THE MINIMUM NET CLEAR OPERABLE HEIGHT DIMENSION SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPERABLE WIDTH DIMENSION SHALL BE 20 INCHES. WHEN WINDOWS ARE PROVIDED AS A MEANS OF ESCAPE OR RESCUE THEY SHALL HAVE A FINISHED SILL HEIGHT NOT MORE THAN 44 INCHES ABOVE THE FLOOR.

DIVISION 9  
FINISHES

GYPSUM WALLBOARD

- ALL GYPSUM WALLBOARD SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE I.B.C., APPLICABLE EDITION, STATE AND LOCAL CODES.
- GYPSUM WALLBOARD SHALL NOT BE INSTALLED UNTIL WEATHER PROTECTION FOR INSTALLATION IS PROVIDED.
- ALL EDGES AND ENDS OF GYPSUM WALLBOARD SHALL OCCUR ON THE FRAMING MEMBERS EXCEPT THOSE EDGES AND ENDS WHICH ARE PERPENDICULAR TO THE FRAMING MEMBERS. ALL EDGES AND ENDS OF GYPSUM WALLBOARD SHALL BE IN MODERATE CONTACT EXCEPT IN CONCEALED SPACES WHERE FIRE-RESISTIVE CONSTRUCTION OR DIAPHRAGM ACTION IS NOT REQUIRED.
- THE SIZE AND SPACING OF FASTENERS SHALL COMPLY WITH I.B.C., APPLICABLE EDITION, STATE AND LOCAL CODES. FASTENERS SHALL BE SPACED NOT LESS THAN 3/8 INCH FROM EDGES AND ENDS OF GYPSUM WALLBOARD. FASTENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES, OR THE EDGES AND ENDS OF HORIZONTAL ASSEMBLIES PERPENDICULAR TO SUPPORTS, AND AT THE WALL LINE MAY BE OMITTED EXCEPT ON SHEAR-RESISTING ELEMENTS OR FIRE-RESISTIVE ASSEMBLIES. FASTENERS SHALL BE APPLIED IN SUCH A MANNER AS NOT TO FRACTURE THE FACE PAPER WITH THE FASTENER HEAD.

BASE FOR TILE

- CEMENT, FIBER-CEMENT OR GLASS MAT GYPSUM BACKERS IN COMPLIANCE WITH ASTM C 1178, C 1288 OR C 1325 AND INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS SHALL BE USED AS A BASE FOR WALL TILE IN TUB AND SHOWER AREAS AND WALL AND CEILING PANELS IN SHOWER AREAS.
- WATER-RESISTANT GYPSUM BACKING BOARD SHALL BE USED AS A BASE FOR TILE IN WATER CLOSET COMPARTMENT WALLS WHEN INSTALLED IN ACCORDANCE WITH GA-216 OR ASTM C 840 AND MANUFACTURER RECOMMENDATIONS.
- REGULAR GYPSUM WALLBOARD IS PERMITTED UNDER TILE OR WALL PANELS IN OTHER WALL AND CEILING AREAS WHEN INSTALLED IN ACCORDANCE WITH GA-216 OR ASTM C 840.
- WATER-RESISTANT GYPSUM BACKING BOARD SHALL NOT BE USED IN THE FOLLOWING LOCATIONS:
  - OVER A VAPOR RETARDER IN SHOWER OR BATHTUB COMPARTMENTS.
  - WHERE THERE WILL BE DIRECT EXPOSURE TO WATER OR IN AREAS SUBJECT TO CONTINUOUS HIGH HUMIDITY.
  - ON CEILING WHERE FRAME SPACING EXCEEDS 12 INCHES O.C. FOR 1/2 INCH THICK WATER-RESISTANT GYPSUM BACKING BOARD AND MORE THAN 16 INCHES O.C. FOR 5/8 INCH THICK WATER-RESISTANT GYPSUM BACKING BOARD.

DIVISION 9  
FINISHES

LATH AND PLASTER

- ALL LATH AND PLASTER SHALL CONFORM TO LOCAL CODES AND I.B.C. (CHAPTER 25), APPLICABLE EDITION, STATE AND LOCAL CODES AND REQUIREMENTS.
- COLOR AND FINISH TO BE APPROVED BY ARCHITECT AND/OR OWNER.

RESAWN AND ROUGH-SAWN LUMBER

- ALL ROUGH-SAWN AND RESAWN SURFACES TO RECEIVE PRIME AND PAINT, COLOR AND FINISH TO BE APPROVED BY CONTRACTOR.
- ALL WOOD EXPOSED TO WEATHER TO BE PRIMED PRIOR TO ASSEMBLY.

FLOORING, COUNTERTOPS AND PAINTING

- SEE FINISH SCHEDULES, COLOR AND MATERIAL TO BE APPROVED BY ARCHITECT.
- INSTALLATION OF GROUTED TILE FLOORING IS NOT RECOMMENDED OVER WOOD FRAMED FLOOR SYSTEMS.

DIVISION 10  
SPECIALTY ITEMS

INSTALLATION

- INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT THE TIME OF INSPECTION.

DIVISION 11  
EQUIPMENT

DIVISION 12  
MECHANICAL AND PLUMBING

WATER PIPING

- COPPER TUBE FOR WATER PIPING SHALL HAVE A WEIGHT OF NOT LESS THAN THAT OF COPPER WATER TUBE TYPE L. EXCEPTION: TYPE M COPPER TUBING MAY BE USED FOR WATER PIPING WHEN PIPING IS ABOVE GROUND, AS PER I.P.C. STANDARDS.
- NO WATER, SOIL OR WASTE PIPE SHALL BE INSTALLED OR PERMITTED OUTSIDE OF A BUILDING OR IN AN EXTERIOR WALL, UNLESS WHERE NECESSARY, ADEQUATE PROVISION IS MADE TO PROTECT SUCH PIPE FROM FREEZING.
- PIPING SUBJECT TO UNDE CORROSION, EROSION OR MECHANICAL DAMAGE SHALL BE PROTECTED IN AN APPROVED MANNER.

WATER HEATER

- WATER HEATER SHALL BE STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION. STRAPPING SHALL BE AT POINTS WITHIN THE UPPER 1/3 AND LOWER 1/3 OF ITS VERTICAL DIMENSIONS. AT THE LOWER POINT, A MAXIMUM DISTANCE OF 4 INCHES SHALL BE MAINTAINED ABOVE THE CONTROLS WITH THE STRAPPING.
- WATER HEATER TO BE PROVIDED WITH TEMPERATURE AND PRESSURE RELIEF VALVE HAVING A FULL-SIZED DRAIN OF GALVANIZED STEEL OR HARD DRAIN COPPER TO OUTSIDE OF BUILDING WITH END OF PIPE NOT MORE THAN 2 FEET AND NOT LESS THAN 6 INCHES ABOVE THE GRADE, POINTING DOWNWARD, THE TERMINAL END BEING UNTHREADED. (PER I.P.C.)

GAS VENTS

- GAS VENTS SHALL TERMINATE NOT LESS THAN 2 FEET ABOVE THE HIGHEST POINT WHERE THEY PASS THROUGH THE ROOF AND AT LEAST 2 FEET HIGHER THAN ANY PORTION OF A BUILDING WITHIN 10 FEET.

GAS PIPING

- ALL PIPE USED FOR THE INSTALLATION OF ANY GAS PIPING SHALL BE STANDARD WEIGHT MROUGHT IRON OR STEEL (GALVANIZED OR BLACK), YELLOW BRASS (CONTAINING NOT MORE THAN SEVENTY-FIVE (75) PERCENT COPPER), OR INTERNALLY TINNED OR EQUIVALENTLY TREATED COPPER OF IRON PIPE SIZE.
- ALL FITTINGS USED IN CONNECTION WITH THE ABOVE PIPING SHALL BE OF MALLEABLE IRON OR YELLOW BRASS (CONTAINING NOT MORE THAN SEVENTY-FIVE (75) PERCENT COPPER).
- NO GAS PIPING SHALL BE INSTALLED IN OR ON THE GROUND, UNDER ANY BUILDING OR STRUCTURE. ALL EXPOSED GAS PIPING SHALL BE KEPT AT LEAST SIX (6) INCHES ABOVE GRADE OR STRUCTURE (PER I.P.C.)

WASTE PIPING

- ALL WASTE PIPING WHICH PENETRATES FIRE-RESISTIVE ASSEMBLIES SHALL COMPLY WITH THE REQUIREMENTS FOR TROUGH PENETRATIONS AND/OR MEMBRANE PENETRATIONS PER THE INTERNATIONAL BUILDING CODE, APPLICABLE EDITION, STATE & LOCAL CODES.
- RAPID FIT WASTE AND OVERFLOW FITTINGS SHALL BE USED IN LIEU OF ACCESS PANEL AS PER I.A.P.M.O. FILE NO. 496.

COMBUSTION AIR VENTS

- COMBUSTION AIR VENTS AND DUCTS SHALL BE PROVIDED WITH MINIMUM UNOBSTRUCTED COMBUSTION AIR OPENINGS AS REQUIRED BY I.M.G.

COOKING APPLIANCES

- COOKING APPLIANCES THAT ARE DESIGNED FOR PERMANENT INSTALLATION, INCLUDING RANGES, OVENS, STOVES, BROILERS, GRILLS, FRYERS, GRIDDLE AND BARBECUES, SHALL BE LISTED, LABELED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS. COMMERCIAL ELECTRIC COOKING APPLIANCES SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 101. HOUSEHOLD ELECTRIC RANGES SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 898. MICROWAVE COOKING APPLIANCES SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 423. OIL BURNING STOVES SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 896. SOLID-FUEL-FIRED OVENS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 2162. PER I.M.G. 4711.

GAS METERS

- GAS METER SHALL BE LOCATED IN A VENTILATED SPACE READILY ACCESSIBLE FOR EXAMINATION, READING, REPLACEMENT, OR NECESSARY MAINTENANCE. THE GAS METERS SHALL NOT BE PLACED WHERE THEY ARE SUBJECT TO DAMAGE.

DIVISION 16  
ELECTRICAL

MATERIALS

- ALL MATERIALS USED FOR WIRING SHALL CONFORM TO THE APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE.

WIRING MANSHIP

- ALL WORK SHALL BE IN ACCORDANCE WITH ALL CODES, RULES AND REGULATIONS OF GOVERNING AGENCIES AND SHALL COMPLY WITH THE REQUIREMENTS OF THE SERVING POWER AND TELEPHONE COMPANIES.

INSTALLATION

- ALL EQUIPMENT INSTALLED OUTDOORS AND EXPOSED TO WEATHER SHALL BE "WEATHER-PROOF".
- RECEPTACLES IN KITCHEN AND BATHROOM SHALL BE INSTALLED ABOVE WORK TOP UNLESS OTHERWISE NOTED ON PLANS.
- RECEPTACLES SHALL BE INSTALLED VERTICALLY AT 12 INCHES (APPROX.) ABOVE FLOOR.
- WALL SWITCHES TO BE ABOVE FLOOR AS DETERMINED BY THE ARCHITECT. (42 INCHES ABOVE FLOOR, UNLESS NOTED OTHERWISE).
- PROVIDE TWO 20-AMPERE SMALL APPLIANCE CIRCUITS AT THE KITCHEN, PANTRY, DINING ROOM AND BREAKFAST AREAS.
- PROVIDE A SEPARATE 20-AMPERE LAUNDRY CIRCUIT.
- PROVIDE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION AT ALL BATHROOMS, POWDER ROOMS, OUTDOOR RECEPTACLES, GARAGES AND ALL KITCHEN RECEPTACLES SERVING THE COUNTERTOP SURFACES, ALSO AT LAUNDRY UTILITY, AND KET BAR SINKS WHERE THE RECEPTACLES ARE INSTALLED WITHIN 6 FEET OF THE OUTSIDE EDGE OF THE SINK.
- RECEPTACLES SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET, MEASURED HORIZONTALLY, FROM AN OUTLET IN THAT SPACE.
- IN KITCHEN AND DINING AREAS A RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH COUNTERTOP NIDER THAN 12 INCHES AND SO THAT NO POINT ALONG THE WALL LINE IS MORE THEN 24 INCHES FROM A RECEPTACLE IN THAT SPACE.
- A RECEPTACLE OUTLET SHALL BE INSTALLED IN ANY USABLE WALL SPACE 2 FEET OR MORE IN WIDTH.
- ALL EQUIPMENT AND MATERIALS FURNISHED AND INSTALLED UNDER THIS SECTION SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY THE OWNER.
- PROVIDE TWO METHODS OF ELECTRICAL GROUNDING:
  - CLAMP AT HOSE BIB.
  - ONE ADDITIONAL #4 BAR-20" LONG IN FOOTING AT ELECTRICAL METER LOCATION FOR UFER GROUND.
- BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY A MINIMUM OF ONE 20-AMPERE BRANCH CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS BUT MAY SERVE MORE THAN ONE BATHROOM.
- ALL 120-VOLT, SINGLE PHASE, 15- & 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLINGS UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DINES, BEDROOMS, SUNROOMS, REAR PORCHES, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER (AFCI). COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. THIS INCLUDES LIGHTS, RECEPTACLES, FANS AND SMOKE DETECTORS.

EXCEPTION I: WHERE RMC, IMC, EMT OR STEEL ARMORED CABLE, TYPE AC, MEETING THE REQUIREMENTS OF N.E.C. 250.10 USING METAL OUTLET AND JUNCTION BOXES IS INSTALLED FOR THE PORTION OF THE BRANCH CIRCUIT BETWEEN THE BRANCH CIRCUIT OVERCURRENT DEVICE AND THE FIRST OUTLET, IT SHALL BE PERMITTED TO INSTALL A COMBINATION AFCI AT THE FIRST OUTLET TO PROVIDE PROTECTION FOR THE REMAINING PORTION OF THE BRANCH CIRCUIT. N.E.C. 2012

- KITCHEN AND APPLIANCE CIRCUITS ARE LIMITED TO SUPPLYING WALL AND COUNTER SPACE OUTLETS ONLY AND CANNOT SERVE DISHWASHER, MICROWAVE, RANGE HOOD, GARBAGE DISPOSAL OR APPLIANCE, LOCATED WITHIN CABINETS OR CUBBOARDS, OR LOCATED MORE THAN 5-1/2 FEET ABOVE THE FLOOR.
- BATHROOM LIGHTING SHALL NOT BE ON AN OUTLET CIRCUIT.
- HIGH EFFICACY LUMINAIRES MUST BE PHASED.
- OCCUPANT SENSOR AND MOTION SENSORS SHALL BE CAPABLE OF AUTOMATICALLY TURNING OFF ALL THE LIGHTS IN AN AREA NO MORE THAN 30 MINUTES AFTER THE AREA HAS BEEN VACATED.
- ALL 125-VOLT, 15- AND 20- AMPERE OUTLETS IN DWELLING UNITS SHALL BE LISTED TAMPER-RESISTANT PER N.E.C. 406.1 AND 2012

SMOKE ALARMS

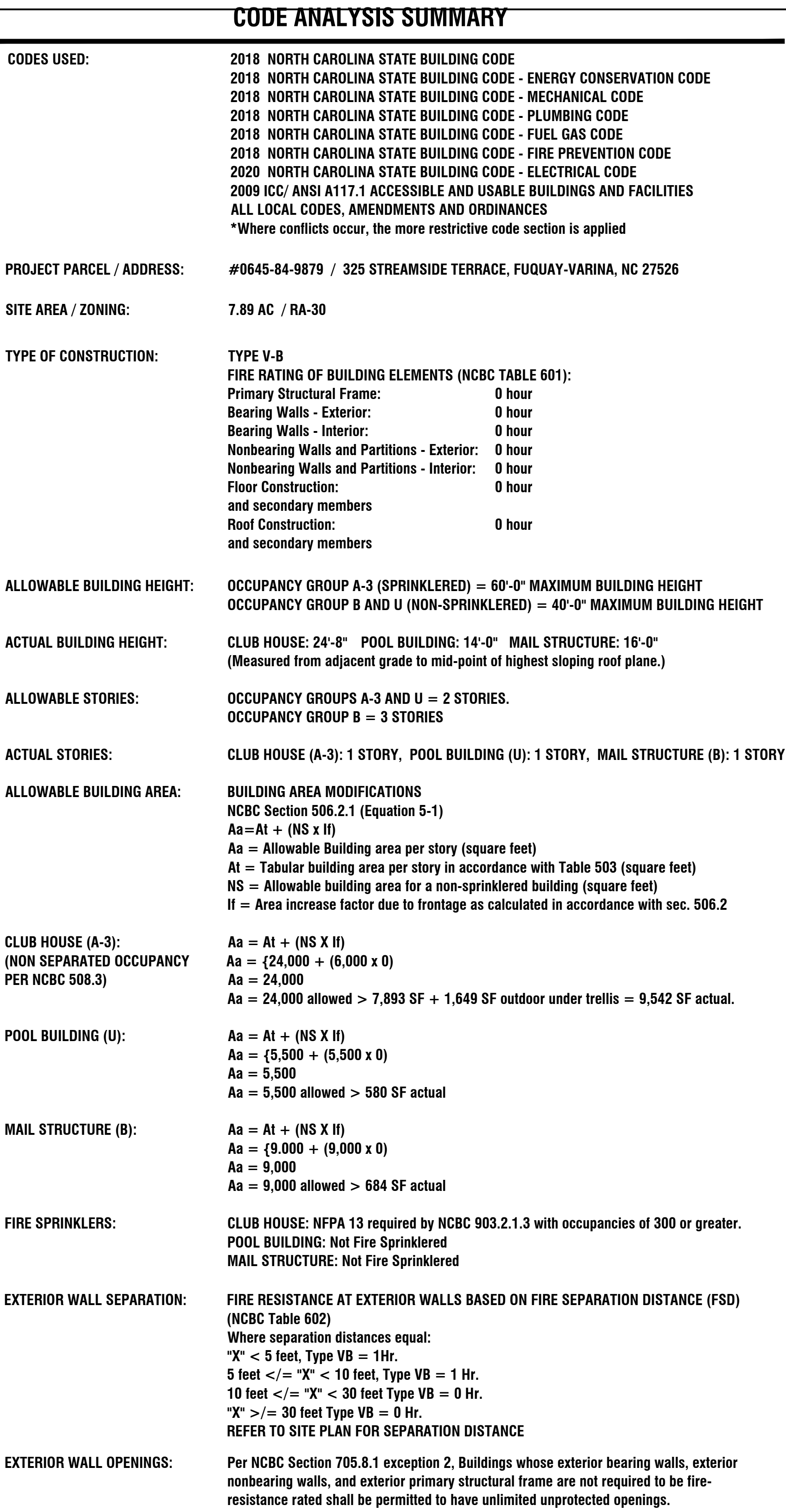
- POWER SOURCE: IN NEW CONSTRUCTION, REQUIRED SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHEN SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH A BATTERY BACKUP. SMOKE ALARMS WITH INTEGRAL STROBES THAT ARE NOT EQUIPPED WITH BATTERY BACKUP SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM. SMOKE ALARMS SHALL EMIT A SIGNAL WHEN THE BATTERIES ARE LOW. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THEN THOSE REQUIRED FOR OVER-CURRENT PROTECTION. I.B.C. 907.2.1.4
- LOCATION WITHIN DWELLING UNITS: IN DWELLING UNITS, A SMOKE ALARM SHALL BE INSTALLED IN EACH SLEEPING ROOM AND ON THE CEILING OR WALL OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF BEDROOMS. WHEN THE DWELLING UNIT HAS MORE THEN ONE STORY AND IN DWELLINGS WITH BASEMENTS, A SMOKE ALARM SHALL BE INSTALLED ON EACH STORY AND IN THE BASEMENT. IN DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL, PROVIDED THE LOWER IS LESS THAN ON FULL STORY BELOW THE UPPER LEVEL.
- SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. THE ALARM SHALL BE CLEARLY AUDIBLE IN ALL BEDROOMS OVER BACKGROUND NOISE LEVELS WITH ALL INTERVENING DOORS CLOSED.
- WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. I.B.C. 907.2.1.3
- ALL SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL217 AND INSTALLED IN ACCORDANCE WITH I.B.C. SECTIONS 907.2.1.1.1 THROUGH 907.2.1.1.4 AND NFPA 72.

CARBON MONOXIDE ALARMS

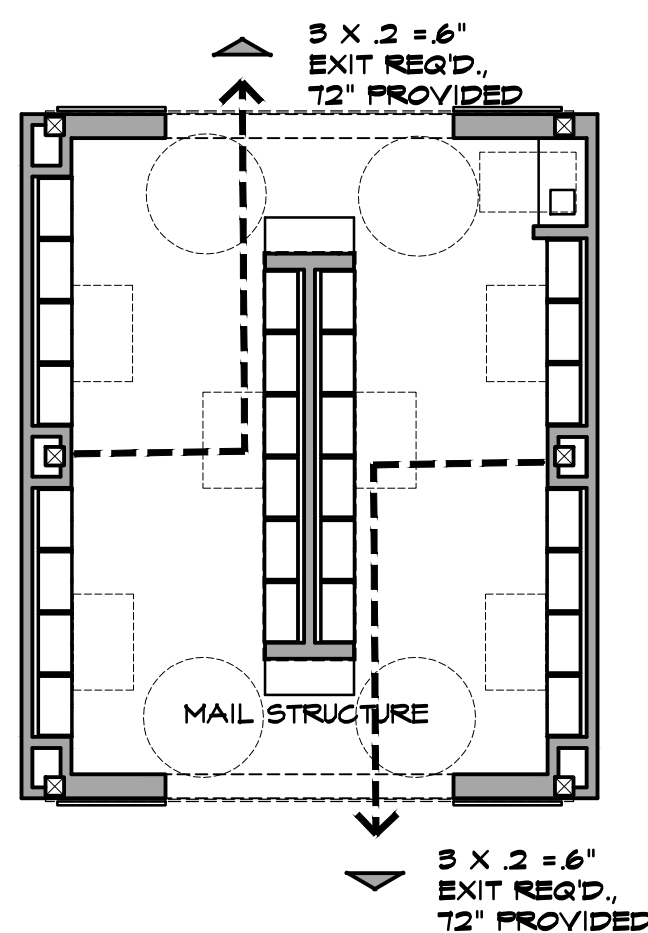
- A CARBON MONOXIDE ALARM COMPLYING WITH UL 2034 AND FOR CARBON MONOXIDE DETECTORS COMPLYING WITH UL 2075 SHALL BE INSTALLED PER NFPA 720 REQUIRED IN DWELLING UNITS WITHIN WHICH FUEL-BURNING APPLIANCES ARE INSTALLED AND/OR WITH ATTACHED GARAGES). OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF BEDROOMS PER I.B.C. 908.1
- CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH A BATTERY BACKUP AND EMIT A SIGNAL WHEN THE BATTERY IS LOW. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN AS REQUIRED FOR OVER-CURRENT PROTECTION.
- WHERE MORE THAN ONE SMOKE DETECTOR IS REQUIRED TO BE INSTALLED THEY SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT.

MISCELLANEOUS





## ACCESSIBILITY SUMMARY



<b>BUILDING DESIGN:</b>	PER NCBC SECTION 1101.2 BUILDINGS AND FACILITIES SHALL BE DESIGNED AND CONSTRUCTED TO BE ACCESSIBLE IN ACCORDANCE WITH THE NORTH CAROLINA STATE BUILDING CODE AND NORTH CAROLINA ACCESSIBILITY CODE (ICC A117.1 2009).
<b>ACCESSIBLE PARKING:</b>	PARKING SERVING THE BUILDINGS AND FACILITIES UNDER THIS PERMIT SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH NCBC SECTION 1106 AND CHAPTER 5 OF THE NORTH CAROLINA ACCESSIBILITY CODE (ICC A117.2009).

<u>CLUB HOUSE ROOM NAME</u>	<u>ROOM AREA / OCC.FACTOR</u>	<u>OCCUPANT LOAD</u>
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<u>MAIL STRUCTURE ROOM NAME</u>	<u>ROOM AREA / OCC.FACTOR</u>	<u>OCCUPANT LOAD</u>
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**ALTIS SERENITY  
CLUB HOUSE  
HARTNETT COUNTY  
NORTH CAROLINA**

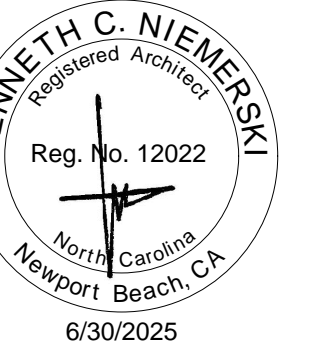
## PROJECT DATA

### BUILDING CODE ANALYSIS

### EXITING DIAGRAMS

**JOB NUMBER: 667-24126**  
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**BASSENIAN LAGONI ARCHITECTS**





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2031 ORCHARD DRIVE | NEWPORT BEACH, CA 92660  
T 949.553.9100 F 949.553.0548

## PLAN CHECK

te: 02-21-25

## VISIONS

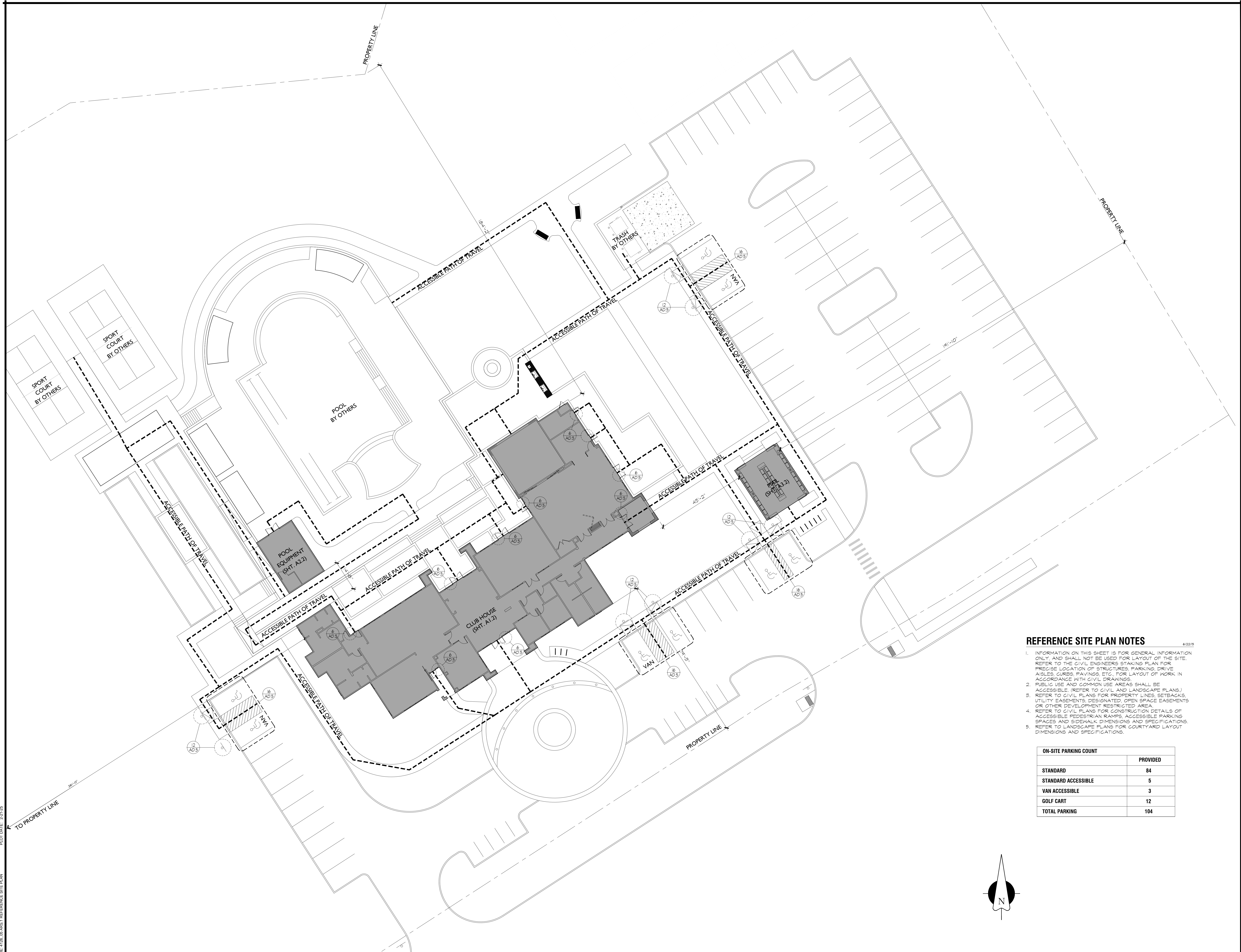
**ALTIS SERENITY  
CLUB HOUSE**  
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NORTH CAROLINA

tri pointe<sup>®</sup>  
HOMES

## ARCHITECTURAL SITE PLAN

## ARS.1

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### REFERENCE SITE PLAN NOTES

1. INFORMATION ON THIS SHEET IS FOR GENERAL INFORMATION ONLY, AND SHALL NOT BE USED FOR LAYOUT OF THE SITE. REFER TO THE CIVIL ENGINEERS STAKING PLAN FOR ACCESSIBLE LOCATIONS, INCLUDING CURBS, POSITIVE RAMP, CURBS, PAVING, ETC. FOR LAYOUT OF WORK IN ACCORDANCE WITH CIVIL DRAWINGS.
2. PUBLIC USE AND COMMON USE AREAS SHALL BE ACCESSIBLE. REFER TO THE ACCESSIBLE PLANS.
3. REFER TO CIVIL PLANS FOR PROPERTY LINES, SETBACKS, UTILITY EASEMENTS, DESIGNATED OPEN SPACE EASEMENTS OR OTHER DEVELOPMENT RESTRICTIONS.
4. REFER TO CIVIL PLANS FOR CONSTRUCTION DETAILS OF ACCESSIBLE PEDESTRIAN RAMPS, ACCESSIBLE PARKING SPACES AND SIDEWALK DIMENSIONS AND SPECIFICATIONS. REFER TO LANDSCAPE ARCHITECT'S COURTYARD LAYOUT DIMENSIONS AND SPECIFICATIONS.

ON-SITE PARKING COUNT	
	PROVIDED
STANDARD	84
STANDARD ACCESSIBLE	5
VAN ACCESSIBLE	3
GOLF CART	12
TOTAL PARKING	104

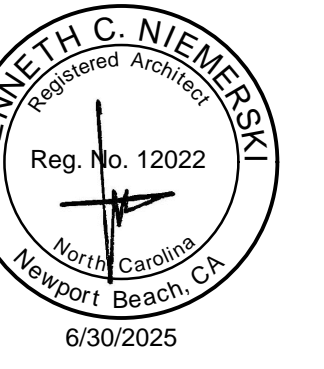
## ARCHITECTURAL REFERENCE SITE PLAN

SCALE: 1" = 10'-0"

1

FILE NAME: 4126\_05 ARS.1 REFERENCE SITE PLAN





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### PLAN CHECK

te: 02-21-25

## REVISIONS

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HARTNETT COUNTY  
NORTH CAROLINA**

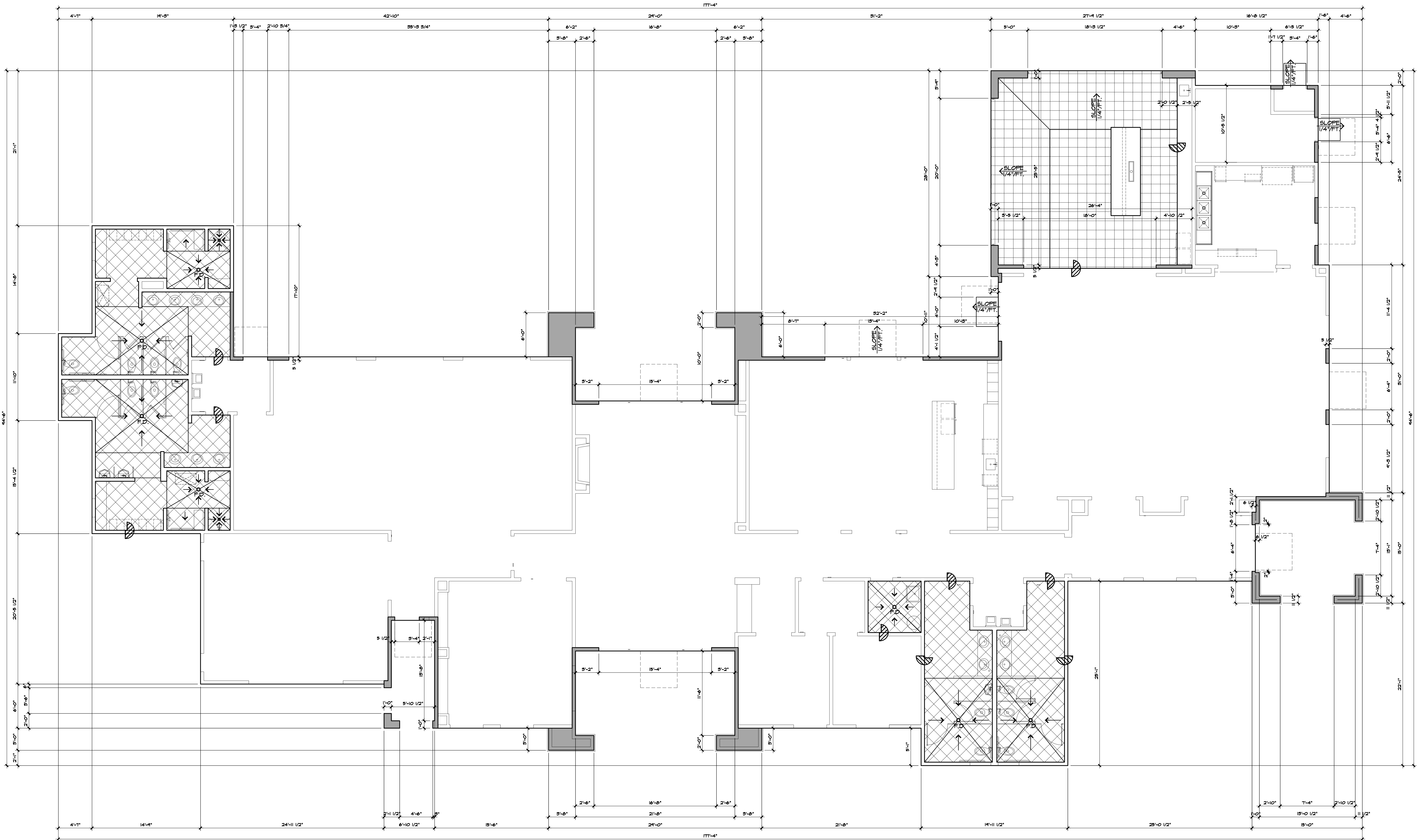
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## CLUBHOUSE

### FIRST FLOOR SLAB PLAN

## A1.1

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




## SLAB INTERFACE PLAN

SCALE: 3/16"=1'-0"

1

### SLAB INTERFACE LEGEND

02/15/17

-  INDICATES DROP IN SLAB.
-  INDICATES AREA OF 2' DEPRESSED SLAB TO RECEIVE TILE FLOORING OVER SETTING BED. SEE INTERIOR DESIGN PLANS AND SPECIFICATIONS FOR TILE.
-  INDICATES AREA OF 3' DEPRESSED SLAB TO RECEIVE PAVERS AND MORTAR BED. REFER TO LANDSCAPE ARCHITECT / CIVIL DRAWINGS TO CONFIRM THE DEPTH OF PAVERS, MORTAR BED AND DEPTH OF SLAB DEPRESSION.
-  INDICATES 6" RAISED CURB ABOVE FINISH FLOOR. VERIFY LOCATIONS W/ SITE GRADING PLANS, SEE ELEVATIONS.
-  INDICATES LOCATION OF LEVEL ACCESSIBLE LANDING REQUIRED AT EXTERIOR ENTRY DOORS.
- INDICATES DOWNSPOUT LOCATION, VERIFY WITH CIVIL/ LANDSCAPE.

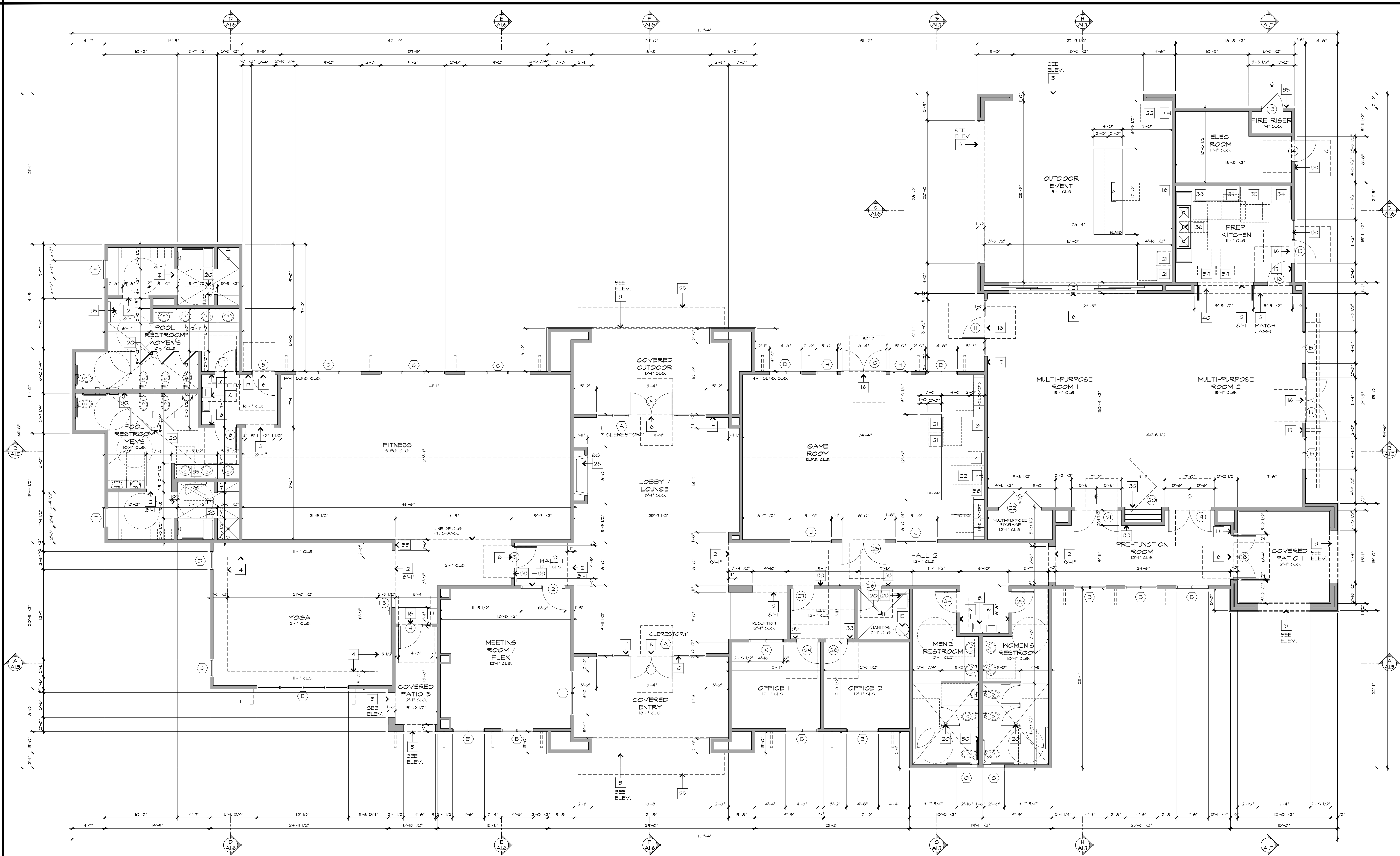
## GENERAL SLAB INTERFACE NOTES

04/20/17

- A. VERIFY MINIMUM FOUNDATION DEPTH, WIDTH, REINFORCING STEEL AND ADDITIONAL EXPANSIVE SOIL REQUIREMENTS WITH THE SOILS REPORT.
  - B. REFER TO STRUCTURAL ENGINEERING DRAWINGS FOR INFORMATION RELATED TO FLOOR SLAB NOT SHOWN HERE.
  - C. FOR HARDCAPE INFORMATION REFER TO LANDSCAPE PLANS.
  - D. COVERED ENTRIES: PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS/ TO SURFACE AREA DRAINS.
  - E. EXTERIOR PARAPETS: TO BE DETERMINED BY CIVIL ENGINEER. SEE PRECISE GRADING PLANS FOR LOCATIONS, WHEN REQUIRED BY SOILS ENGINEER OR OTHERS, THE COURTYARD DRAINS AND ROOF DRAINS ARE TO BE SITE AREA DRAINS.
  - F. PRIOR TO POURING SLAB COORDINATE RISER SLEEVE WITH STRUCTURAL ENGINEER'S DRAWINGS.
- REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION THAT MAY IMPACT THE SLAB INTERFACE NOT SHOWN HERE.

FILE NAME: 4126\_A1\_01 CLUB HOUSE SLAB PLAN





## BUILDING PLAN

SCALE: 3/16"=1'-0"

### BUILDING PLAN LEGEND

1/1/22

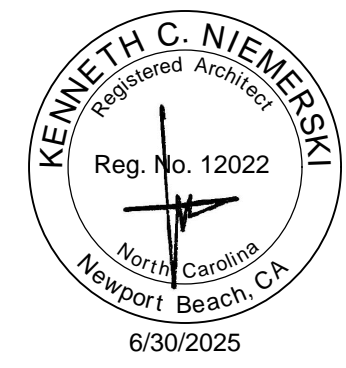
TYPICAL 2X6 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.  
REFER TO STRUCTURAL DRAWINGS.

- (I) INDICATES DOOR SYMBOL NUMBER. REFER TO DOOR SCHEDULE SHEET A3.I FOR ADDITIONAL INFORMATION.
- (A) INDICATES WINDOW SYMBOL LETTER. REFER TO WINDOW SCHEDULE SHEET A3.II FOR ADDITIONAL INFORMATION.

### BUILDING PLAN NOTES

12/30/22

1. SINK W/ GARBAGE DISPOSAL.
2. SOFFIT, SEE PLAN FOR HEIGHT.
3. EXTERIOR SOFFIT, SEE EXTERIOR ELEVATIONS FOR HEIGHT.
4. LINE OF CEILING HEIGHT CHANGE OF COFFERED CEILING. REFER TO REFLECTED CEILING PLANS.
5. MILLWORK, REFER TO INTERIOR ELEVATIONS.
6. TOILET/ BATHING ROOM IDENTIFICATION SYMBOL PER DETAIL 5/AD.5.
7. FLUSH 24" X 36" (UNO) WIN. ATTIC ACCESS W/ OYP. BD. FINISH.
8. HI-LO HI-LO DRINKING FOUNTAIN PROVIDE A 30" X 48" CLEAR SPACE POSITIONED FOR A FORWARD APPROACH CENTERED TO THE DRINKING FOUNTAIN. SPOUT OUTLETS OF A WHEELCHAIR ACCESSIBLE DRINKING FOUNTAIN SHALL BE 36" MAXIMUM ABOVE THE FLOOR. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 36" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR. THE SPOUT LOCATION SHALL BE LOCATED 15" MINIMUM FROM THE VERTICAL SUPPORT AND 5" MAXIMUM FROM THE FRONT EDGE OF THE DRINKING FOUNTAIN, INCLUDING BUMPERS. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" MINIMUM IN HEIGHT. THE ANGLE OF THE WATER STREAM FROM SPOUTS WITHIN 3' OF THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 30 DEGREES MAXIMUM. AND FROM SPOUTS BETWEEN 3' AND 5' FROM THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 15 DEGREES MAXIMUM MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE DRINKING FOUNTAIN. ICC A117.1 602. PER 15/D.5. CARD READER REFER TO SECURITY PLANS.
9. INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ICC A117.1 FIGURE 109.6.5.I. SEE DETAIL 6/AD.5.
10. CLASS "A" FIRE EXTINGUISHER WITH CABINET. SERVICE PERSONNEL PROVIDING OR CONDUCTING MAINTENANCE SHALL POSSESS A VALID CERTIFICATE ISSUED BY AN APPROVED GOVERNMENTAL AGENCY, OR OTHER APPROVED ORGANIZATION FOR THE TYPE OF WORK PERFORMED. THE CLEARANCE BETWEEN FLOOR AND
11. THE BOTTOM OF INSTALLED HAND-HELD PORTABLE EXTINGUISHERS SHALL BE NO LESS THAN 4". PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 LBS. SHALL BE INSTALLED SO THAT THEIR TOPS ARE NOT MORE THAN 5' ABOVE FLOOR (35' ABOVE FLOOR WHEN EXCEEDING 40 LBS.). VERIFY LOCATION AND QUANTITY WITH THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
12. FIRE DEPARTMENT KNOX KEY SWITCH (PER FIRE DEPT. SPECIFICATIONS). INSTALL IN ACCORDANCE WITH FIRE DEPARTMENT STANDARDS.
13. ROOM CAPACITY SIGN POSTED SIGN SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN, AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNERS AUTHORIZED AGENT. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY. I.B.C. 1004.4.
14. MIRRORING WALL - SEE INTERIOR ELEVATION SHEET.
15. WATER HEATER, REFER TO PLUMBING DRAWINGS.
16. EXIT SIGN, LOCATED READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. EXIT SIGNS NOT REQUIRED IN ROOMS OR AREAS THAT REQUIRE ONLY ONE EXIT OR EXIT ACCESS. (B.C. 1005).
17. TACTILE EXIT SIGN, A SIGN STATING "EXIT" PER I.B.C. 1013.4 & ICC-A117.1 703. SHALL BE PROVIDED ADJACENT TO EACH EXIT DOOR. SEE DETAIL 2/AD.5.
18. CABINETS, SEE INTERIOR ELEVATION FOR HEIGHT.
19. 30"X48" CLEARANCE SPACE.
20. FLOOR DRAIN, SEE PLUMBING DRAWINGS. SLOPE ADJACENT FLOORING 2%.
21. UNDER COUNTER REFRIGERATOR.
22. BAR SINK.
23. JANITOR SINK, REFER TO PLUMBING DRAWINGS.
24. 60" DIA. CLEAR TURNAROUND SPACE.
25. LINE OF METAL FINISH WITH DECORATIVE METAL ROOF PANEL. SEE ELEVATIONS AND DETAIL 15/AD.1-I.
26. LINE OF EYEBROW CANOPY. SEE ELEVATIONS.
27. STEEL TUBE POST. SEE PLAN AND STRUCTURAL DRAWINGS.
28. APPLIANCE FIREPLACE. VERIFY WITH INTERIOR DESIGNER.
29. DOUBLE STUD WALL.
30. 2X6 STUD WALL.
31. 30" X 30" ROOF ACCESS HATCH WITH PERMANENTLY AFFIXED LADDER TO ROOF.
32. 50'-0" WIDE X 12'-0" HIGH 6 PANEL FOLDING PARTITION WALL. BASIS OF DESIGN IS "MODERNFOLD ACOUSTI-SEAL ENCORE".
33. ROOM IDENTIFICATION SIGNAGE PER ICC-A117.1 703. PER DETAIL 4/AD.5.
34. 30" DOUBLE OVEN.
35. 48" REFRIGERATOR / FREEZER.
36. TRIPLE BASIN PREP SINK.
37. MICROWAVE DRAINER.
38. TRASH COMPACTOR.
39. WARMING DRAWER.
40. PASS-THROUGH COUNTERTOP.
41. DISH WASHER (UNDER 34" COUNTERTOP).
42. WASTE PAPER HOLE IN COUNTERTOP ABOVE WASTE PAPER BASKET.



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### 1st PLAN CHECK

Date: 02-21-25

### REVISIONS

NO.	DESCRIPTION	DATE

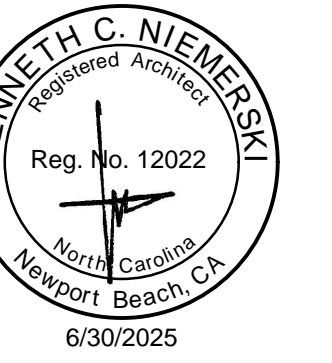
**ALTIS SERENITY  
CLUB HOUSE**  
HARTNETT COUNTY  
NORTH CAROLINA

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HOMES  
CLUBHOUSE  
FLOOR PLAN

**A1.2**

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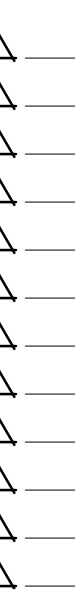


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1st PLAN CHECK

Date: 02-21-25

REVISIONS



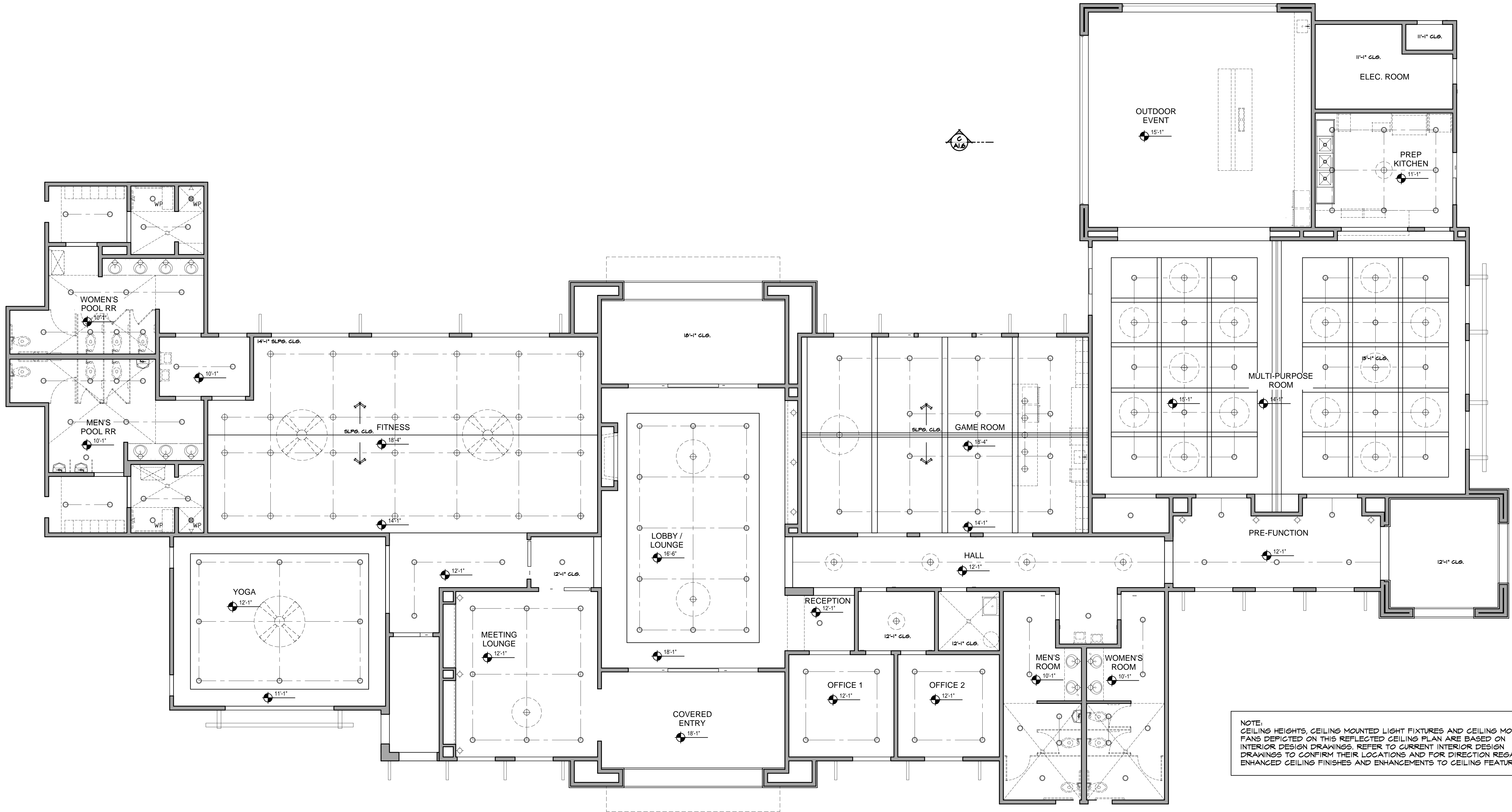
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NORTH CAROLINA

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HOMES

**CLUBHOUSE  
FIRST FLOOR  
REFLECTED  
CEILING PLAN**

**A1.3**

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NOTE:  
CEILING HEIGHTS, CEILING MOUNTED LIGHT FIXTURES AND CEILING MOUNTED FANS DEPICTED ON THIS REFLECTED CEILING PLAN ARE BASED ON INTERIOR DESIGN DRAWINGS. REFER TO CURRENT INTERIOR DESIGN DRAWINGS TO CONFIRM THEIR LOCATIONS AND FOR DIRECTION REGARDING ENHANCED CEILING FINISHES AND ENHANCEMENTS TO CEILING FEATURES.

**REFLECTED CEILING PLAN**

SCALE: 3/16"=1'-0"

**BUILDING REFLECTED CEILING LEGEND**

- SURFACE MOUNTED LED CEILING LIGHT FIXTURE
- RECESSED LED LIGHT FIXTURE
- CEILING FAN
- SMOKE ALARM, CEILING MOUNTED, HARD WIRED AND W/ BATTERY BACKUP, ICC AND SFM APPROVED
- COMBINATION SMOKE/CARBON MONOXIDE ALARM, CEILING MOUNTED, HARD WIRED AND W/ BATTERY BACKUP, ICC APPROVED
- EMERGENCY LIGHT
- EXHAUST FAN, SEE MECHANICAL PLAN
- MECHANICAL CEILING REGISTER, SEE MECHANICAL PLANS
- MECHANICAL CEILING REGISTER, SEE MECHANICAL PLANS
- INDICATES DROPPED CEILING

**REFLECTED CEILING GENERAL NOTES**

- FOR ADDITIONAL INFORMATION REGARDING CEILING MOUNTED FIXTURES, REFER TO ELECTRICAL PLANS, MECHANICAL PLANS AND FIRE SPRINKLER PLANS.
- TYPICAL CEILING FINISH: CLUB HOUSE, PAINTED GYPSUM BOARD REFER TO INTERIOR DESIGN DRAWINGS FROM SPECIAL CEILING FINISHES.
- TYPICAL CEILING FINISH: POOL EQUIPMENT BUILDING, EXPOSED STRUCTURE / NO FINISH, EXCEPT WHERE NOTED OTHERWISE.
- TYPICAL CEILING FINISH MAIL STRUCTURE: 2X6 T & G CEILING FINISH.





## VISIONS

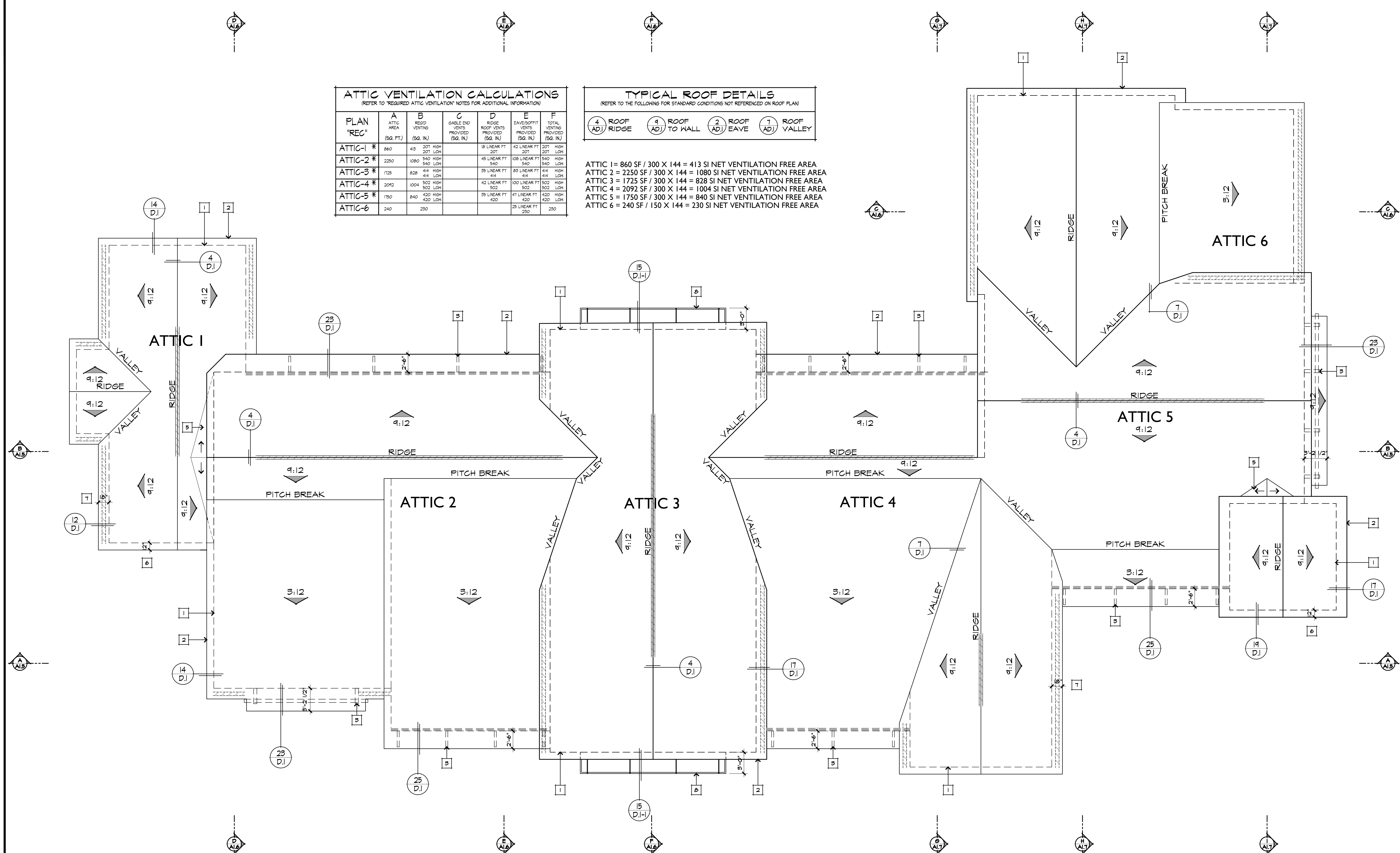
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## A1.4

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TYPICAL ROOF DETAILS			
(REFER TO THE FOLLOWING FOR STANDARD CONDITIONS NOT REFERENCED ON ROOF PLAN)			
4 ADJ	ROOF RIDGE	9 ADJ	ROOF TO WALL
2 ADJ	ROOF EAVE	7 ADJ	ROOF VALLEY

ATTIC 1 = 860 SF / 300 X 144 = 413 SI NET VENTILATION FREE AREA  
ATTIC 2 = 1225 SF / 300 X 144 = 1080 SI NET VENTILATION FREE AREA  
ATTIC 3 = 1750 SF / 300 X 144 = 828 SI NET VENTILATION FREE AREA  
ATTIC 4 = 2092 SF / 300 X 144 = 1004 SI NET VENTILATION FREE AREA  
ATTIC 5 = 1750 SF / 300 X 144 = 840 SI NET VENTILATION FREE AREA  
ATTIC 6 = 240 SF / 150 X 144 = 230 SI NET VENTILATION FREE AREA



SCALE: 3/16"=1'-0"

PER IBC 1208.2.1 EXTERIOR OPENINGS INTO THE ATTIC SPACE OF ANY BUILDING INTENDED FOR HUMAN OCCUPANCY SHALL BE PROTECTED TO PREVENT THE ENTRY OF BIRDS, SQUIRRELS, RODENTS, SNAKES AND OTHER SIMILAR CREATURES. OPENINGS FOR VENTILATION HAVING A LEAST DIMENSION OF NOT LESS THAN 1/16" AND NOT MORE THAN 1/4" SHALL BE PROVIDED WITH CORROSION RESISTANT WIRE CLOTH SCREENING, HARDWARE CLOTH, PERFORATED VINYL OR SIMILAR MATERIAL. OPENINGS HAVING A LEAST DIMENSION OF NOT LESS THAN 1/8" AND NOT MORE THAN 1/4", WHERE COMBUSTION AIR IS OBTAINED FROM AN ATTIC AREA, IT SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE IMC.

 = SOFFIT VENT = 9 SQUARE INCHES OF FREE VENTILATION AREA / FOOT  
 = RIDGE VENT = 12 SQUARE INCHES OF FREE VENTILATION AREA / FOOT  
 = EAVE VENT = 5 SQUARE INCHES OF FREE VENTILATION AREA / FOOT

1. BUILDING LINE.
2. ROOF LINE.
3. ROOF BRACE AT EAVE. SEE DETAILS 23/D1 AND 25/D1.
4. PROPOSED LOCATION OF ROOF GUTTER AND DOWNSPOUT. CONFIRM LAYOUT IN FIELD.
5. G1. FLASHING AND SADDLE/ CRICKET.
6. ROOF RAKE, 12" OVERHANG, TYPICAL.
7. ROOF EAVE: 18" OVERHANG, UNLESS NOTED OTHERWISE.
8. LINE OF CANOPY BELOW. SEE DETAIL 15/D1-I.
9. ROOF VENT. REFER TO ROOF CALCS FOR ADDITIONAL INFORMATION.

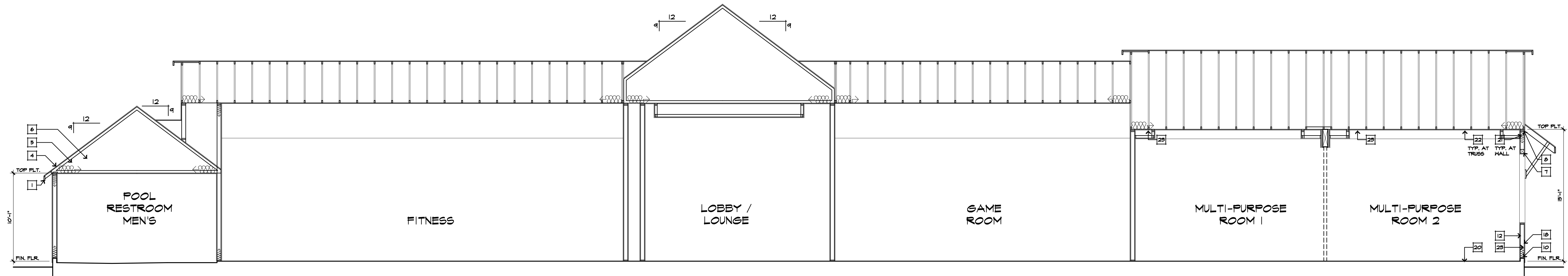
INDICATES ROOF SLOPE DIRECTION.  
INDICATES RATE OF ROOF SLOPE.

INDICATES DIRECTION OF ROOF SLOPE AT CRICKET.


 HIGH DEFINITION COMPOSITION ASPHALT SHINGLES  
 MANUFACTURER AND MODEL TO BE SELECTED  
 BY TRIPOLITE HOMES

A. REFER TO ROOF PLAN FOR ROOF OVERHANG DIMENSIONS.  
B. PROVIDE 1/4" NON-CORROSIVE SCREENS AT GUTTERS.





SCALE: 3/16"=1'-0"

This architectural section drawing illustrates a building's internal structure and room layout. The drawing is oriented horizontally, with the 'FIN. FLR.' (Finish Floor) at the bottom and the 'TOP PLT.' (Top Plate) at the top. The building features a central 'COVERED ENTRY' with a gabled roof, flanked by 'OFFICE 1' and 'OFFICE 2'. To the left of the entry is a 'MEETING ROOM / FLEX' space, and further left is a 'COVERED PATIO 3'. The far left section includes a 'YOGA' room. On the right side, there are 'MEN'S RESTROOM' and 'WOMEN'S RESTROOM' facilities. The drawing includes numerous structural details, such as walls, floors, and rooflines, and is annotated with various callouts and dimensions. Key dimensions include a total width of 13'-1" and a height of 12'-0" for the main structure. The drawing also shows a 'TYP. AT TRUSS' and 'TYP. AT WALL' detail, indicating typical construction at those locations. The overall layout suggests a functional, multi-purpose building with a mix of open-plan and enclosed spaces.

SCALE: 3/16"=1'-0"

M2

- A. REFER TO STRUCTURAL ENGINEERS DRAWINGS, DETAILS AND NOTES FOR INFORMATION NOT SHOWN HERE.
- B. REFER TO TRUSS DRAWINGS FOR INFORMATION NOT SHOWN HERE.
- C. ROOF SLOPE(S) AND OVERHANG(S) MAY VARY PER PLAN. REFER TO THE ROOF NOTES AND ROOF PLANS FOR MORE INFORMATION.
- D. TYPICAL DIMENSIONS FOR A HEEL TRUSS. ( DIMENSION FROM TOP PLATE TO THE TOP OF TOP CHORD ).







1st PLAN CHECK

Date: 02-21-25

REVISIONS

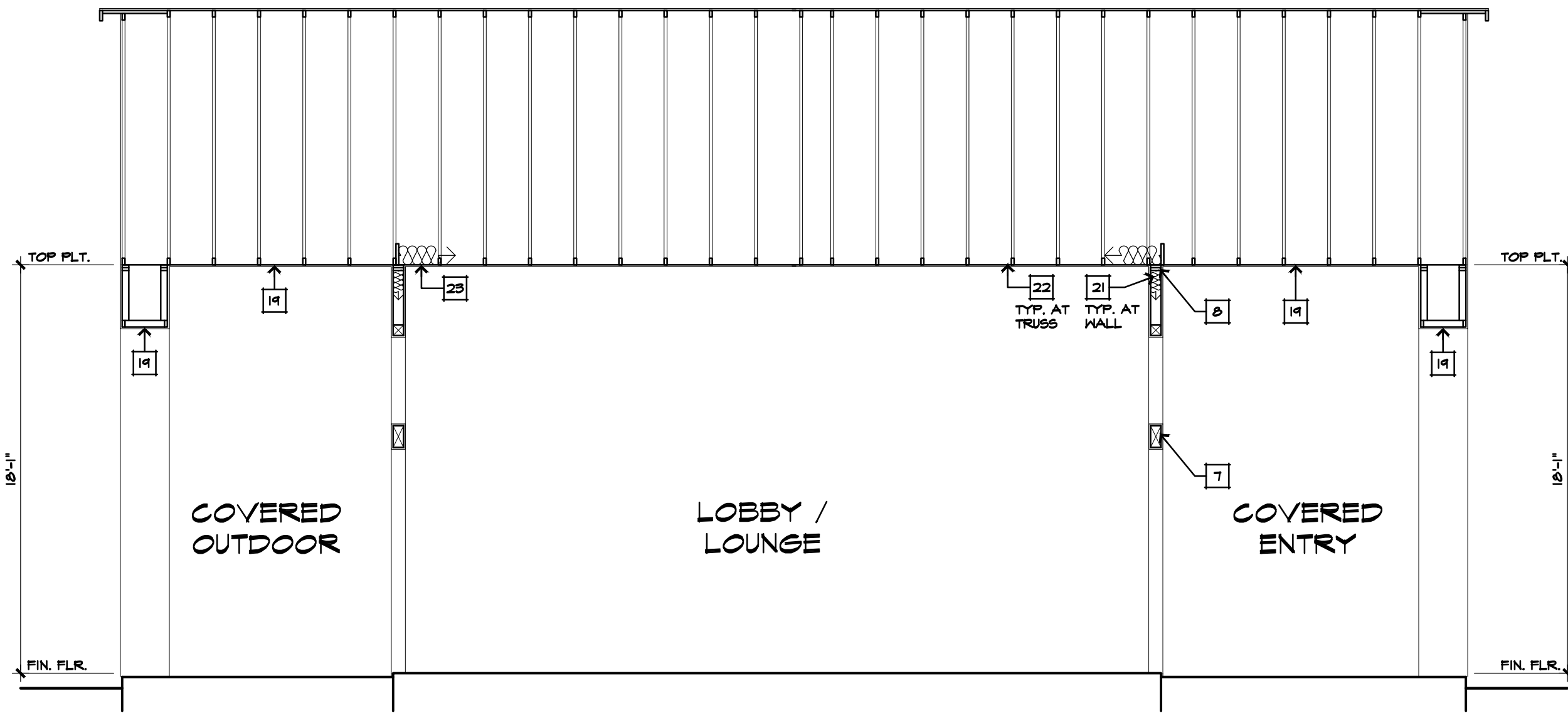

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**CLUBHOUSE  
BUILDING  
SECTIONS**

**A1.6**

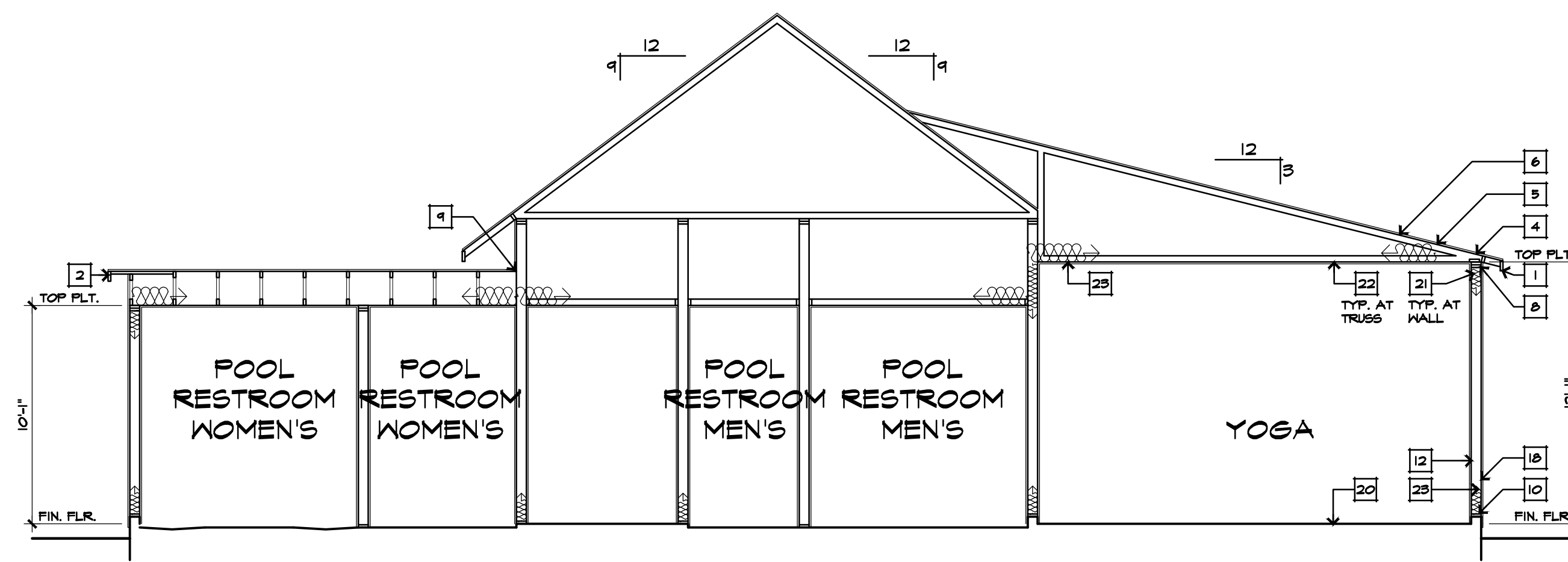
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**BUILDING SECTION**

SCALE: 3/16"=1'-0"

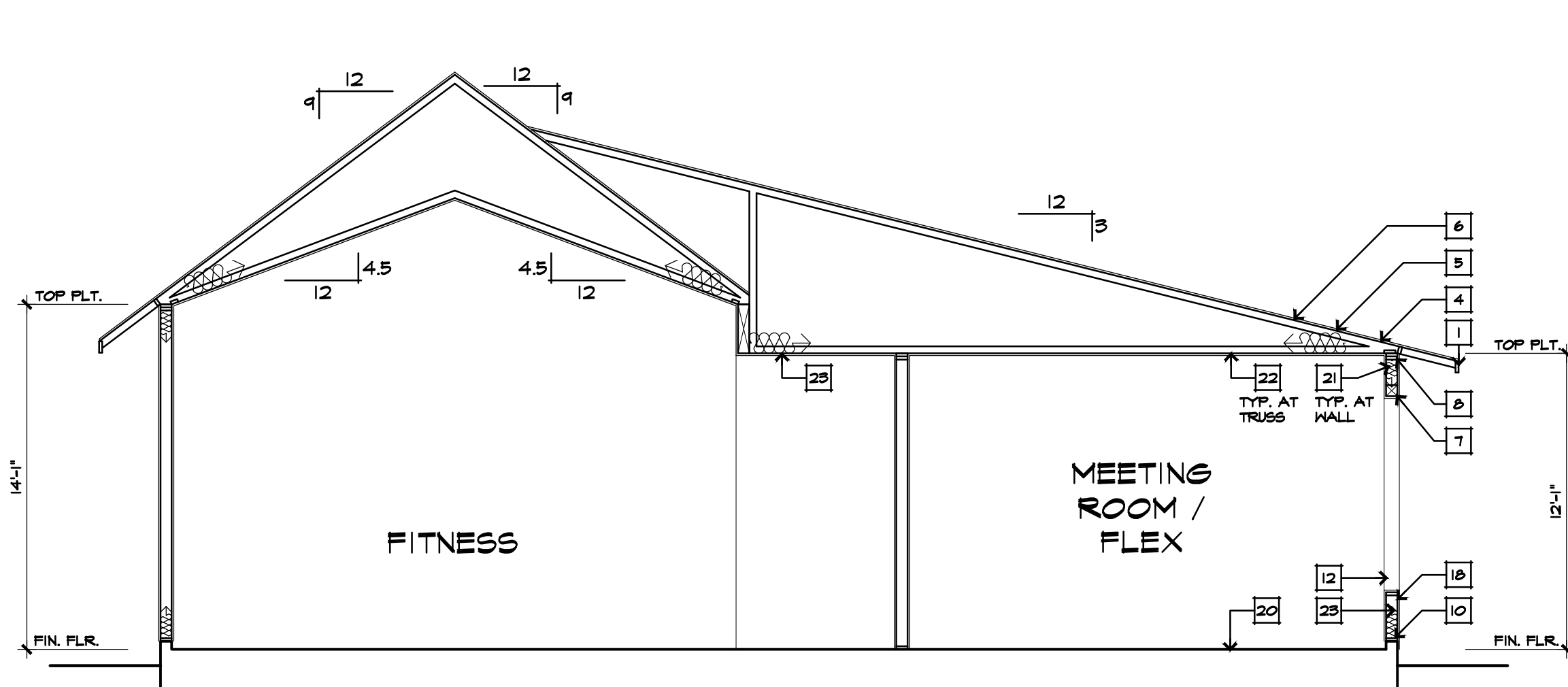
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**BUILDING SECTION**

SCALE: 3/16"=1'-0"

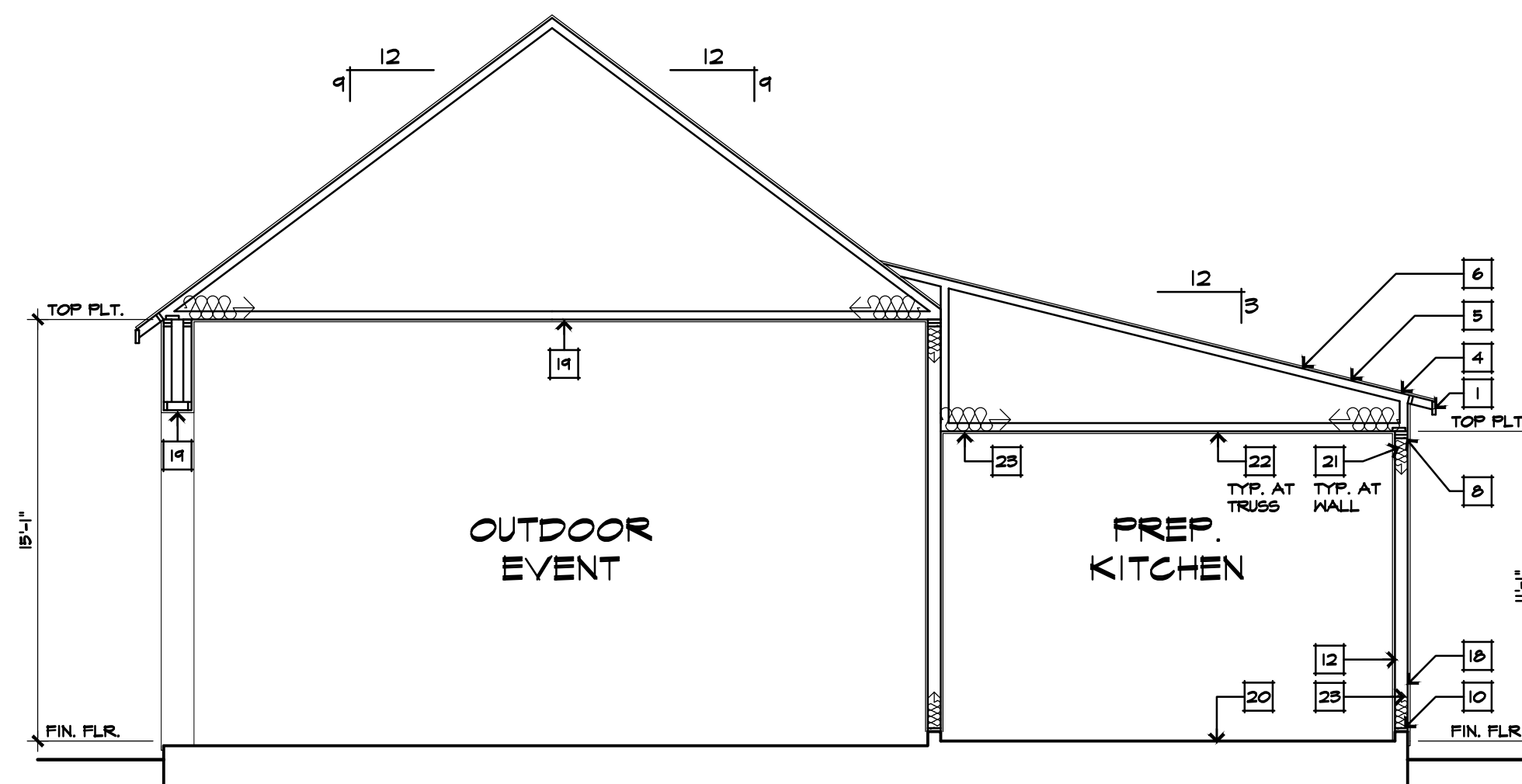
**D**



**BUILDING SECTION**

SCALE: 3/16"=1'-0"

**E**



**BUILDING SECTION**

SCALE: 3/16"=1'-0"

**C**

**SECTION NOTES**

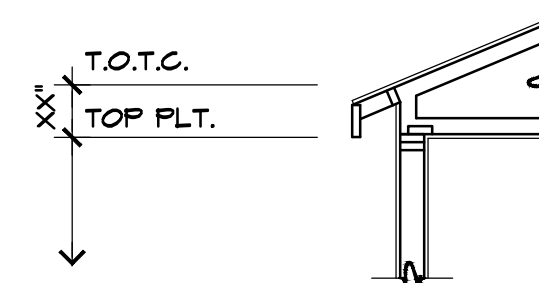
6/2017

1. FASCIA BOARD. (SEE ELEVATION).
2. BARGE BOARD. (SEE ELEVATION).
3. ROOFING MATERIAL, REFER TO ROOF PLAN NOTES.
4. ROOF SHEATHING.
5. DESIGNED WOOD ROOF TRUSSES.
6. DROPPED BEAM.
7. HEADER.
8. DOUBLE 2X TOP PLATE.
9. G.I. FLASHING AT ROOF TO WALL.
10. 2X P.T.D.F. SILL PLATE.
11. 2X4 STUDS.
12. 2X6 STUDS.
13. 2X8 STUDS.
14. 2X CEILING FURRINS.
15. 2X BLOCKING.
16. PONY WALL. SEE PLAN FOR HEIGHT.
17. BALLOON FRAMED WALLS. SEE STRUCTURAL FRAMING PLANS, STRUCTURAL CALCULATIONS AND GENERAL NOTES.
18. EXTERIOR FINISH, REFER TO ELEVATIONS.
19. EXTERIOR CEILING / SOFFIT (SEE PLAN / ELEVATION).
20. CONCRETE FLOOR SLAB.
21. 1/2" GYPSUM WALL BOARD.
22. 5/8" GYPSUM WALL BOARD.
23. FIBERGLASS INSULATION-SEE ENERGY COMPLIANCE SHEET.
24. LOUVERED VENT.
25. UNENCLOSED, NON CONDITIONED ATTIC.
26. UNPAVED PAVING OVER DEPRESSURED STRUCTURAL SLAB.
27. COVERED OUTDOOR SPACES IN CLUB HOUSE AND MAIL STRUCTURE TO MATCH EXTERIOR WALL FINISHES.
28. MAIL STRUCTURE CEILING FINISH TO BE 2X6 T&G WOOD PER REFLECTED CEILING PLAN.

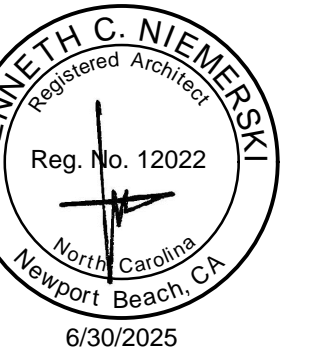
**GENERAL SECTION NOTES**

5/17/12

- A. REFER TO STRUCTURAL ENGINEERS DRAWINGS, DETAILS AND NOTES FOR INFORMATION NOT SHOWN HERE.
- B. REFER TO TRUSS DRAWINGS FOR INFORMATION NOT SHOWN HERE.
- C. ROOF SLOPE(S) AND OVERHANG(S) MAY VARY PER PLAN, REFER TO THE ROOF NOTES AND ROOF PLANS FOR MORE INFORMATION.
- D. TYPICAL DIMENSIONS FOR A HEEL TRUSS, ( DIMENSION FROM TOP PLATE TO THE TOP OF TOP CHORD ) .







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ate: 02-21-25

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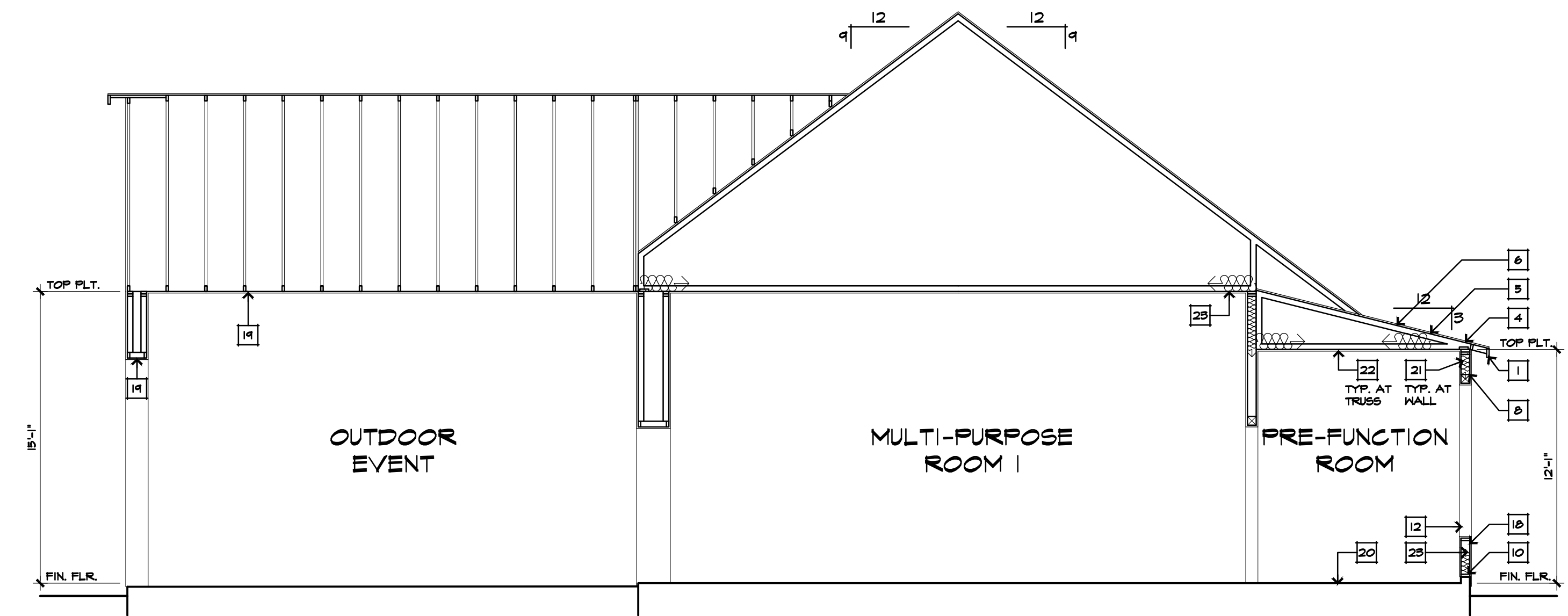
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## LUBHOUSE

### BUILDING SECTIONS

## A1.7

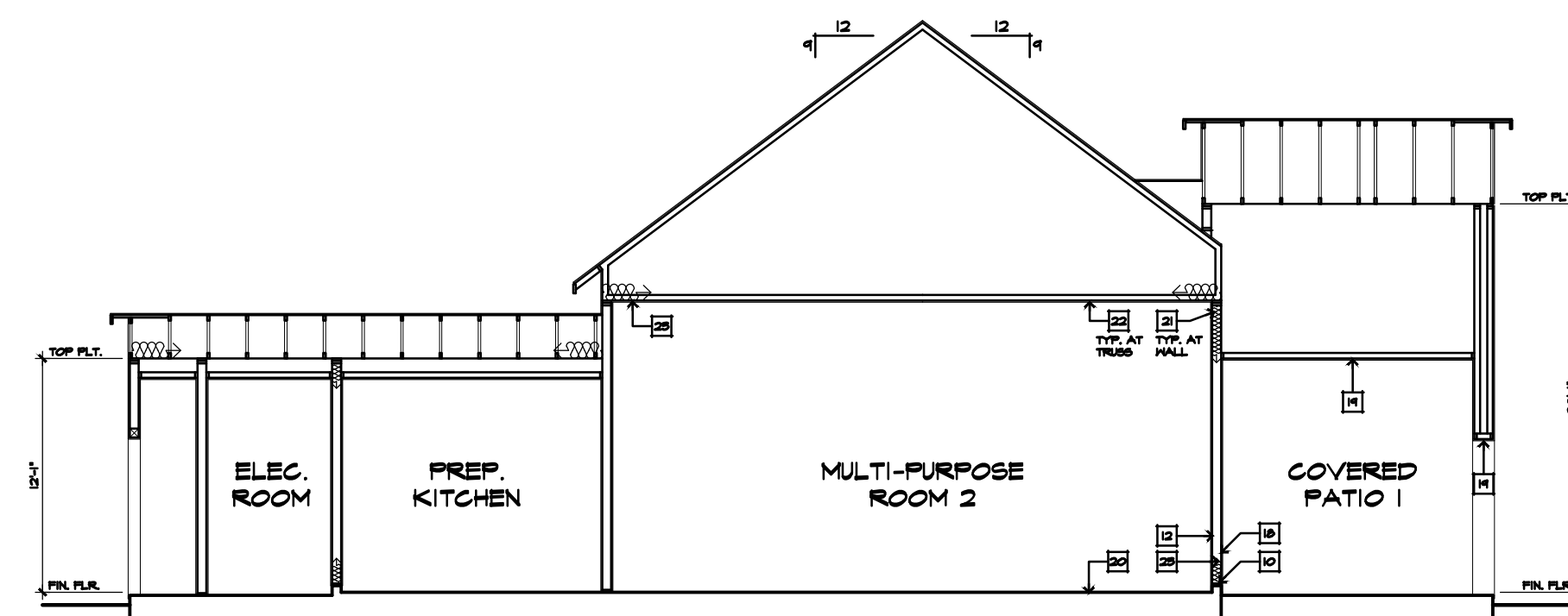
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## BUILDING SECTION

SCALE: 3/16"=1'-0"

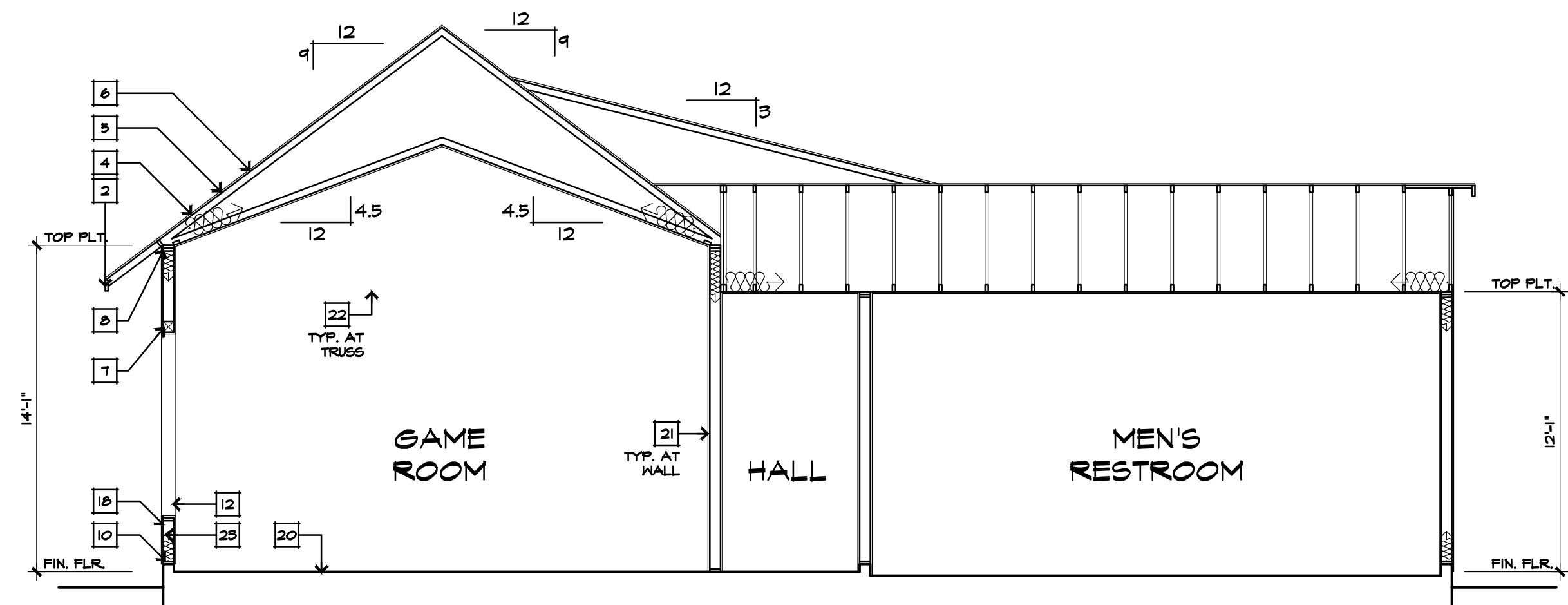
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## BUILDING SECTION

SCALE: 3/16"=1'-0"

1



## BUILDING SECTION

SCALE: 3/16"=1'-0"

## G

## SECTION NOTES

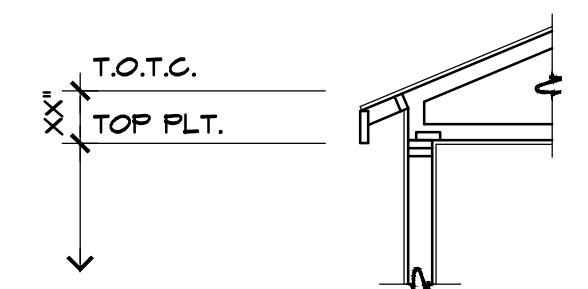
01/20/17

1. FASCIA BOARD. (SEE ELEVATION)
2. BARGE BOARD. (SEE ELEVATION)
3. ROOFING MATERIAL. REFER TO ROOF PLAN NOTES.
4. ROOF SHEATHING.
5. DESIGNED WOOD ROOF TRUSSES.
6. ROOFTOP BEAM
7. HEADER.
8. DOUBLE 2X10 TOP PLATE
9. 2X1 FLASHING AT ROOF TO WALL.
10. 2X P.T.D.F. SILL PLATE.
11. 2X6 STUDS.
12. 2X6 STUDS.
13. 2X6 STUDS.
14. 2X GELING FURNISH.
15. 2X BLOCKING.
16. PONY WALL. SEE PLAN FOR HEIGHT.
17. BALLGOLF FRAMED WALLS. SEE STRUCTURAL FRAMING PLANS, STRUCTURAL CALCULATIONS AND GENERAL NOTES.
18. EXTERIOR FINISH. REFER TO ELEVATIONS.
19. EXTERIOR CEILING. (SCOTTIE SEE PLAN.) (ELEVATION)
20. CONCRETE FLOOR SLAB.
21. 5/8" GYPSUM WALL BOARD.
22. 5/8" GYPSUM WALL BOARD.
23. FIBERBATT INSULATION-SEE ENERGY COMPLIANCE SHEET.
24. 12" OVER VENT.
25. UNENGLOUSED NON CONDITIONED ATTIC
26. ENHANCED PAVING OVER DEPRESSIONED STRUCTURAL SLAB.
27. GOLF COURSE OUTDOOR SPACES IN GOLF HOUSE AND WALL STRUCTURE TO MATCH EXTERIOR WALL FINISHES.
28. WALL STRUCTURE CEILING FINISH TO BE 2X6 T&G WOOD PIER

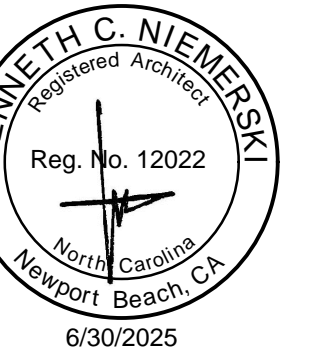
### GENERAL SECTION NOTES

M2

- A. REFER TO STRUCTURAL ENGINEERS DRAWINGS, DETAILS AND NOTES FOR INFORMATION NOT SHOWN HERE.
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- D. TYPICAL DIMENSIONS FOR A HEEL TRUSS. ( DIMENSION FROM TOP PLATE TO THE TOP OF TOP CHORD ) .



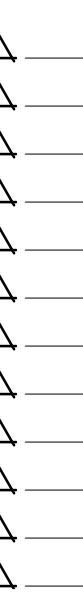




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Date: 02-21-25

REVISIONS



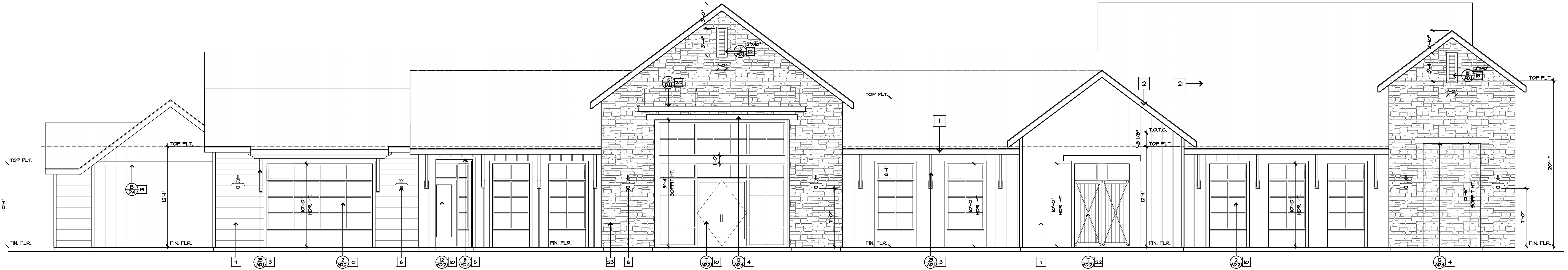
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HARTNETT COUNTY  
NORTH CAROLINA

**tri pointe**  
HOMES

**CLUBHOUSE  
BUILDING  
ELEVATIONS**

**A1.8**

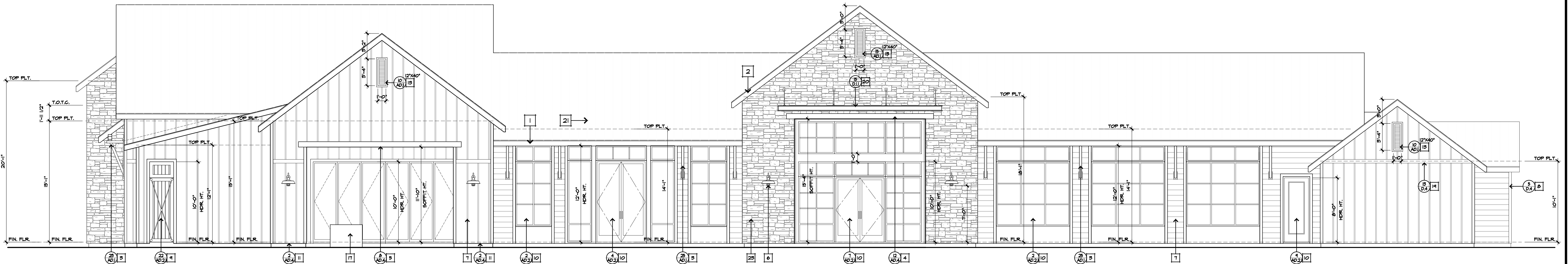
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ELEVATION (FRONT)

SCALE: 3/16"=1'-0"

1



ELEVATION (REAR)

SCALE: 3/16"=1'-0"

2

ELEVATION NOTES

01/20/11

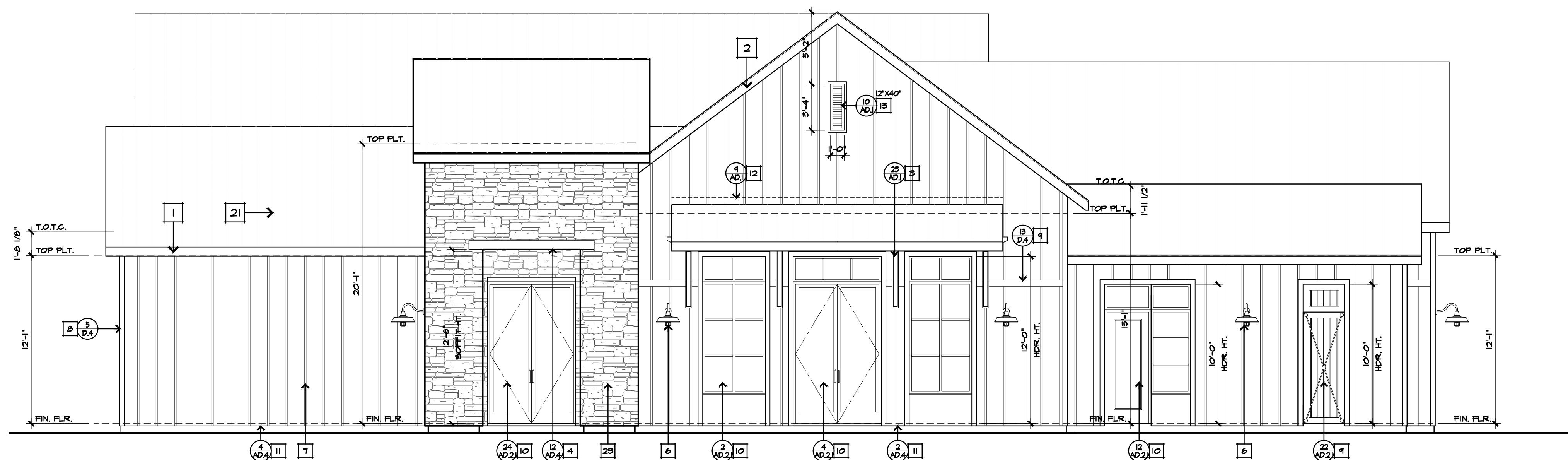
1. FASCIA SEE ROOF PLAN.
2. BARGE SEE ROOF PLAN.
3. ROOF OVERHANGS KICKER SEE DETAIL.
4. FOAM TRIM HEADERS AT FAUX STONE.
5. CEMENTITIOUS WOOD TRIM HEADERS AT SIDING.
6. EXTERIOR LIGHT FIXTURE REFER TO ELECTRICAL PLANS.
7. CEMENTITIOUS SIDING SEE EXTERIOR FINISH NOTES.
8. EXTERIOR CEMENTITIOUS TRIM BOARD AT CORNER.
9. CUSTOM BARN DOOR.
10. STOREFRONT WINDOW/DOOR.
11. CONTINUOUS G.I. SCREED SEE DETAIL.
12. G.I. FLASHING ROOF TO WALL.
13. DECORATIVE LOUVERED VENT SEE ELEVATION FOR SIZE.
14. ALUMINUM LOUVERED VENT FOR POOL EQUIPMENT SEE POOL EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
15. G.I. GUTTER AND DOWNSPOUTS GUTTER LAYOUT AND DOWNSPOUT LOCATIONS TO BE FIELD VERIFIED.
16. STUCCO CANOPY SEE DETAIL.
17. OUTDOOR EVENT ROOM ISLAND BEYOND.
18. BUILDING ADDRESS LOCATION.
19. CEMENTITIOUS WALL SHEATHING PANEL CONTROL JOINT.
20. METAL TRELLIS.
21. ROOF FINISH PER ROOF PLAN.
22. CUSTOM BARN DOOR FIXED IN PLACE.
23. ADHERED SYNTHETIC STONE VENEER BY EL DORADO, ESR-125.
24. CUSTOM ROOF TRUSSES.

EXTERIOR FINISHES

1/1/14

- A. ALL EXPOSED WOOD TRIM, PLYWOOD, POSTS AND COREELS TO BE "RESAWN" AND SHALL BE PRIMED ON ALL SIDES PRIOR TO INSTALLATION/ASSEMBLY.
- B. TYPICAL BOARD AND BATTEN SIDING TO BE : SMOOTH FINISH CEMENTITIOUS SIDING PANELS WITH SMOOTH FINISH CEMENTITIOUS VERTICAL BATTENS AT 16" OC, TYPICAL. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS. HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- C. TYPICAL HORIZONTAL LAP SIDING TO BE : SMOOTH FINISH CEMENTITIOUS LAP SIDING WITH 8" EXPOSURE TYPICAL. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS. HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- D. STONE VENEER : MANUFACTURED STONE VENEER PER CLIENT.

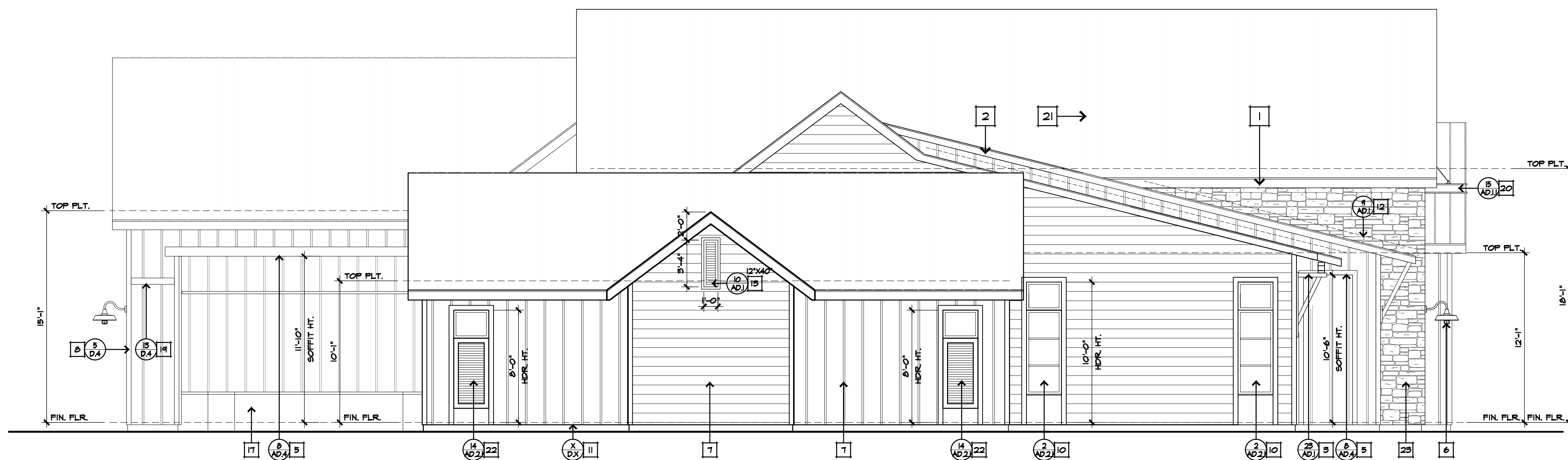




ELEVATION (RIGHT)

SCALE: 3/16"=1'-0"

3



ELEVATION (LEFT)

SCALE: 3/16"=1'-0"

4

ELEVATION NOTES

01/20/11

1. FASCIA SEE ROOF PLAN.
2. BARGE SEE ROOF PLAN.
3. ROOF OVERHANG KICKER SEE DETAIL.
4. FOAM TRIM HEADER AT FAUX STONE.
5. CEMENTITIOUS WOOD TRIM HEADER AT SIDING.
6. EXTERIOR LIGHT FIXTURE. REFER TO ELECTRICAL PLANS.
7. CEMENTITIOUS SIDING. SEE EXTERIOR FINISH NOTES.
8. EXTERIOR CEMENTITIOUS TRIM BOARD AT CORNER.
9. CUSTOM BARN DOOR.
10. STOREFRONT WINDOW/DOOR.
11. CONTINUOUS G.I. SCREED. SEE DETAIL.
12. G.I. FLASHING ROOF TO WALL.
13. DECORATIVE LOUVERED VENT. SEE ELEVATION FOR SIZE.
14. ALUMINUM LOUVERED VENT FOR POOL EQUIPMENT. SEE POOL EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
15. G.I. GUTTER AND DOWNSPOUTS. GUTTER LAYOUT AND DOWNSPOUT LOCATIONS TO BE FIELD VERIFIED.
16. STUCCO CANOPY. SEE DETAIL.
17. OUTDOOR EVENT ROOM ISLAND BEYOND.
18. BUILDING ADDRESS LOCATION.
19. CEMENTITIOUS WALL SHEATHING PANEL CONTROL JOINT.
20. METAL TRELLIS.
21. ROOF FINISH PER ROOF PLAN.
22. CUSTOM BARN DOOR. FIXED IN PLACE.
23. ADHERED SYNTHETIC STONE VENEER BY EL DORADO, ESR-1215.
24. CUSTOM ROOF TRUSSES.

EXTERIOR FINISHES

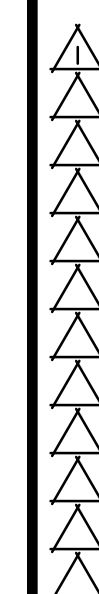
10/04

- A. ALL EXPOSED WOOD TRIM, PLYWOOD, POSTS AND CORBELS TO BE "RESAWN" AND SHALL BE PRIMED ON ALL SIDES PRIOR TO INSTALLATION/ASSEMBLY.
- B. TYPICAL BOARD AND BATTEN SIDING TO BE : SMOOTH FINISH CEMENTITIOUS SIDING PANELS WITH SMOOTH FINISH CEMENTITIOUS VERTICAL BATTENS AT 16" OC, TYPICAL. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS. HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- C. TYPICAL HORIZONTAL LAP SIDING TO BE : SMOOTH FINISH CEMENTITIOUS LAP SIDING WITH 8" EXPOSURE TYPICAL. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS. HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- D. STONE VENEER : MANUFACTURED STONE VENEER PER CLIENT.

1st PLAN CHECK

Date: 02-21-25

REVISIONS



ALTIS SERENITY  
CLUB HOUSE  
HARTNETT COUNTY  
NORTH CAROLINA

tri pointe  
HOMES

CLUBHOUSE  
BUILDING  
ELEVATIONS

A1.9

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REVISIONS

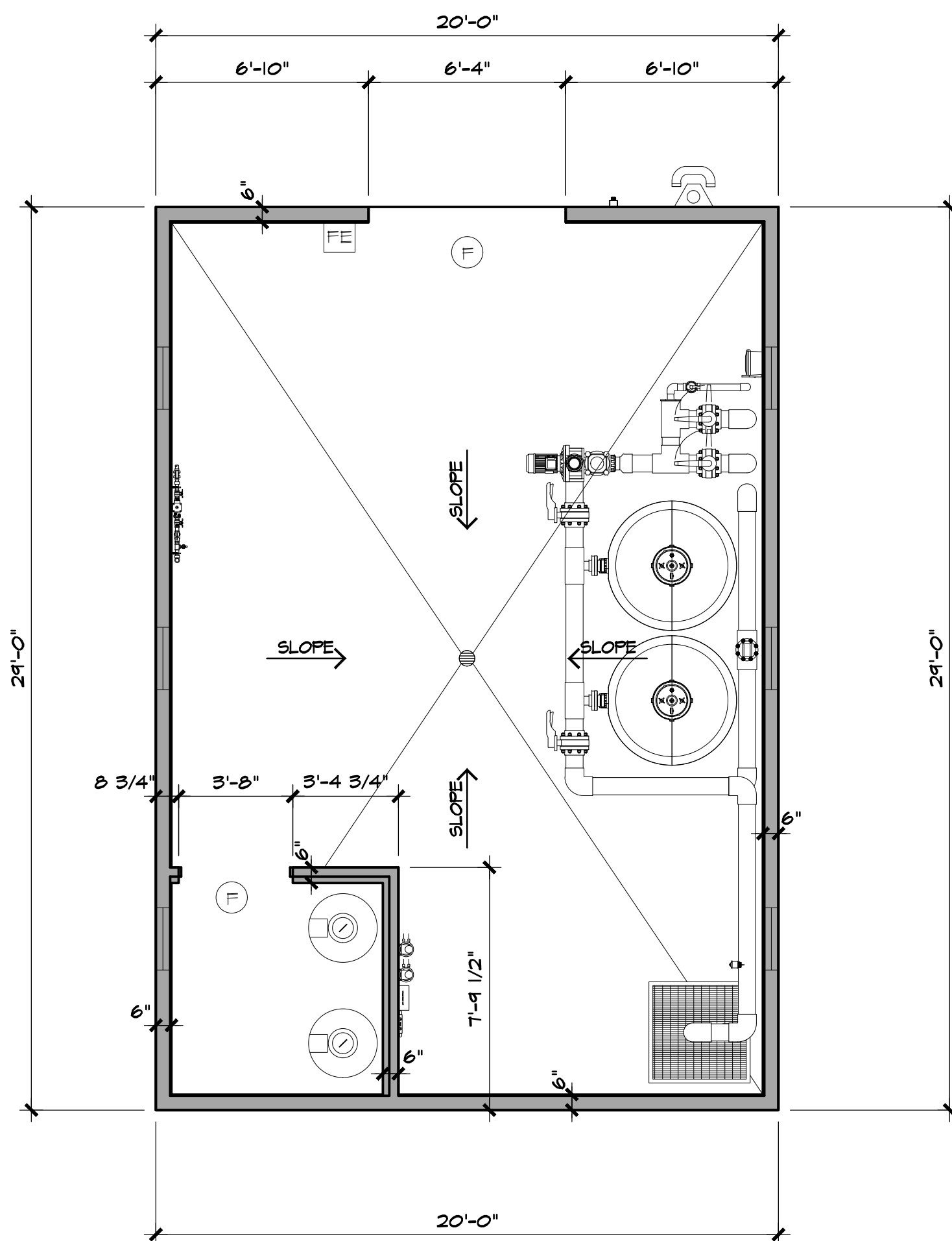

**ALTIS SERENITY  
CLUB HOUSE**  
HARTNETT COUNTY  
NORTH CAROLINA

**tri pointe**  
HOMES

**POOL EQUIPMENT  
FIRST FLOOR  
SLAB PLAN**

**A2.1**

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REFER TO POOL EQUIPMENT DRAWINGS  
PREPARED BY SHULTZ ENGINEERING FOR  
INFORMATION REGARDING ALL POOL  
EQUIPMENT REQUIREMENTS.

**SLAB INTERFACE PLAN**

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

**1**

**SLAB INTERFACE LEGEND**

02/19/21

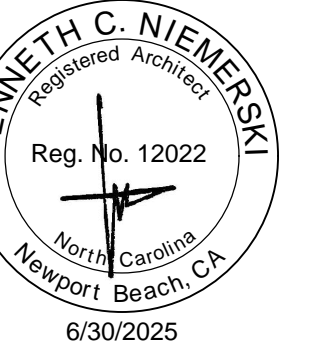
- INDICATES DROP IN SLAB.
- INDICATES AREA OF 2' DEPRESSED SLAB TO RECEIVE TILE FLOORING OVER SETTING BED. SEE INTERIOR DESIGN PLANS AND SPECIFICATIONS FOR TILE.
- INDICATES AREA OF 3' DEPRESSED SLAB TO RECEIVE PAVERS AND MORTAR BED. REFER TO LANDSCAPE ARCHITECT / CIVIL DRAWINGS TO CONFIRM THE DEPTH OF PAVERS, MORTAR BED AND DEPTH OF SLAB DEPRESSION.
- INDICATES 6" RAISED CURB ABOVE FINISH FLOOR. VERIFY LOCATIONS W/ SITE GRADING PLANS. SEE ELEVATIONS.
- INDICATES LOCATION OF LEVEL ACCESSIBLE LANDINGS REQUIRED AT EXTERIOR ENTRY DOORS.
- INDICATES DOWNSPOUT LOCATION. VERIFY WITH CIVIL/ LANDSCAPE.

**GENERAL SLAB INTERFACE NOTES**

01/20/21

- A. VERIFY MINIMUM FOUNDATION DEPTH, WIDTH, REINFORCING STEEL AND ADDITIONAL EXPANSIVE SOIL REQUIREMENTS WITH THE SOILS REPORT.
  - B. REFER TO STRUCTURAL ENGINEERING DRAWINGS FOR INFORMATION RELATED TO FLOOR SLAB NOT SHOWN HERE.
  - C. FOR HARDSCAPE INFORMATION REFER TO LANDSCAPE PLANS.
  - D. COVERED ENTRIES: PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING(S) TO SURFACE AREA DRAINS.
  - E. EXTERIOR DRAIN LOCATIONS TO BE DETERMINED BY CIVIL ENGINEER. SEE PRECISE GRADING PLANS FOR LOCATIONS.
  - F. WHEN REQUIRED BY SOILS ENGINEER OR OTHERS, TIE COURTYARD DRAINS AND ROOF DOWNSPOUTS INTO SITE AREA DRAINS.
  - G. PRIOR TO POURING SLAB COORDINATE RISER SLEEVE WITH STRUCTURAL ENGINEER'S DRAWINGS.
- REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION THAT MAY IMPACT THE SLAB INTERFACE NOT SHOWN HERE.





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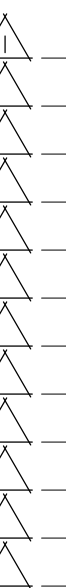
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### PLAN CHECK

te: 02-21-25

## REVISIONS



# ALTIS SERENITY CLUB HOUSE

HARTNETT COUNTY  
NORTH CAROLINA

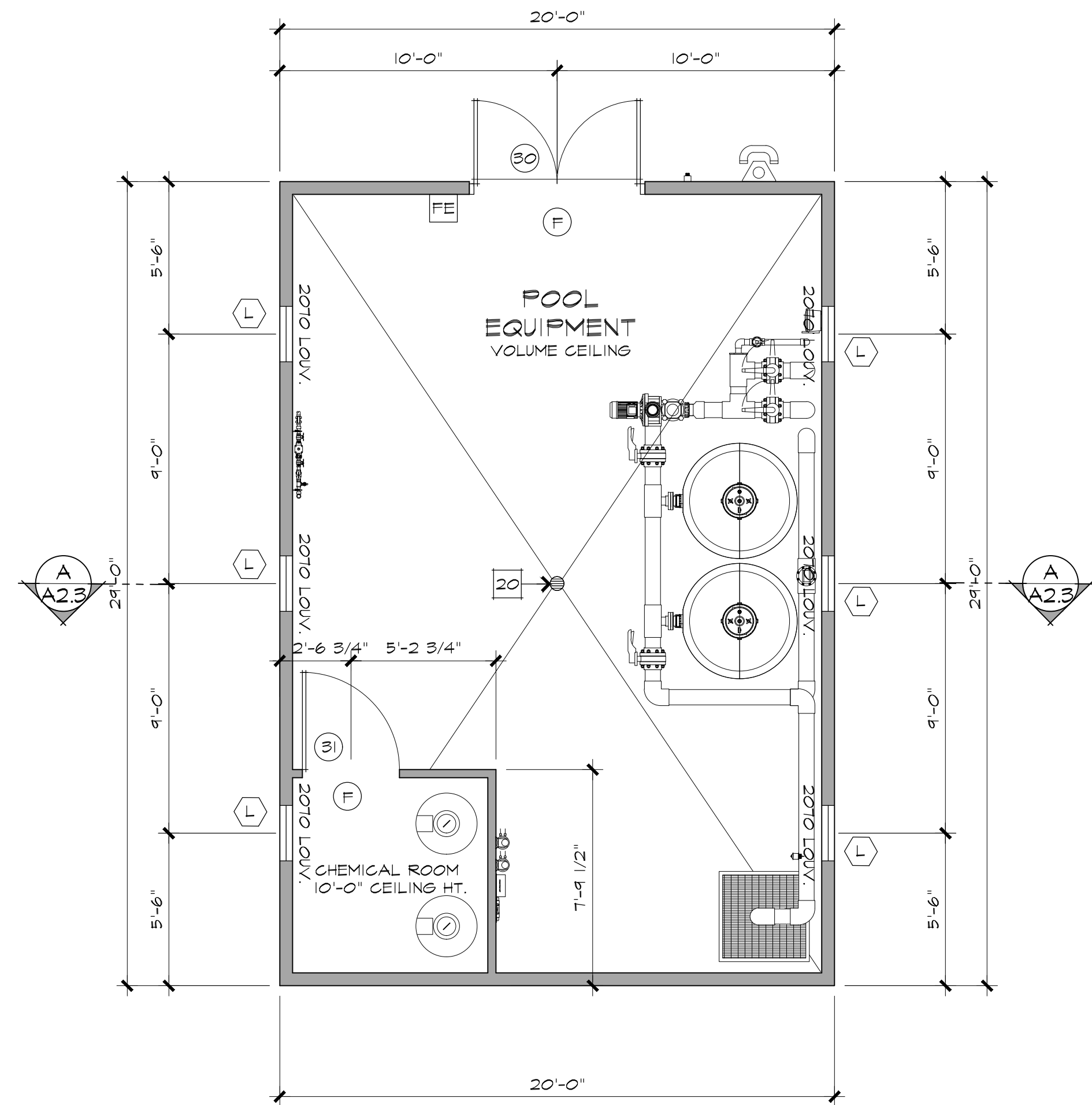
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## POOL EQUIPMENT

FIRST FLOOR  
BUILDING PLAN

## A2.2

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REFER TO POOL EQUIPMENT DRAWINGS  
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INFORMATION REGARDING ALL POOL  
EQUIPMENT REQUIREMENTS.

## BUILDING PLAN

### BUILDING PLAN LEGEND

IVT/22

- ===== TYPICAL 2X6 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.  
REFER TO STRUCTURAL DRAWINGS.

- ① INDICATES DOOR SYMBOL NUMBER, REFER TO DOOR SCHEDULE SHEET A3.1 FOR ADDITIONAL INFORMATION
- Ⓐ INDICATES WINDOW SYMBOL LETTER, REFER TO WINDOW SCHEDULE SHEET A3.1-I FOR ADDITIONAL INFORMATION

## BUILDING PLAN NOTES

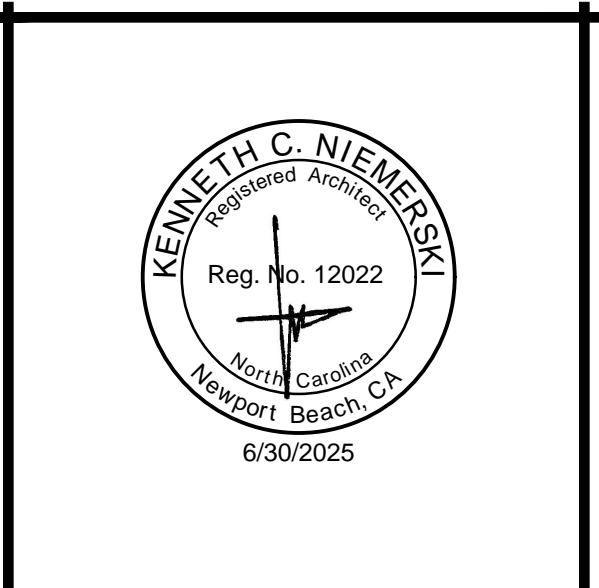
12/20/22

2. SINK W/ GARBAGE DISPOSAL.
  3. BIFOLD SEE PLAN FOR HEIGHT.
  4. EXTERIOR SLOTTING AND EXTERIOR ELEVATIONS FOR HEIGHT.
  5. LINE OF CEILING HEIGHT CHANGE OF COFFERED CEILING, REFER TO REFLECTED CEILING PLANS.
  6. MILLWORK, REFER TO INTERIOR ELEVATIONS.
  7. TOILET/ BATHING ROOM IDENTIFICATION SYMBOL PER DETAIL 5/0/5.
  8. FLUSH 2'4" X 36" (MIN.) I/O ACCESS W/ GYP. DB. FINISH.
  9. H/H/O H/LD DRINKING FOUNTAIN, PROVIDE A 50" X 48" CLEAR SPACE FOR ACCESS. A FORWARD ACCESS CENTERED TO THE DRINKING FOUNTAIN SHALL BE 36" MAXIMUM ABOVE THE FLOOR. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR HANDY PERSONS SHALL BE 36" MAXIMUM ABOVE THE FLOOR. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR THE FLOOR. THE SPOUT LOCATION SHALL BE LOCATED 15" MINIMUM FROM THE VERTICAL SUPPORT AND 5" MAXIMUM FROM THE FRONT EDGE OF THE DRINKING FOUNTAIN. THE SPOUTS SHALL BE 36" MAXIMUM ABOVE THE FLOOR. 4" MINIMUM IN HEIGHT, THE ANGLE OF THE WATER STREAM FROM SPOUTS WITHIN 3" OF THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 30 DEGREES MAXIMUM. AND THE SPOUTS SHALL BE 36" MAXIMUM ABOVE THE FLOOR. THE SPOUT FOUNTAIN SHALL BE 15 DEGREES MAXIMUM MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE DRINKING FOUNTAIN. (ICC A111 602, PER 15/0/5).
  10. HANDY PERSONS REFER TO INTERIOR ELEVATIONS.
  11. INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ICC A111. (SEE TOP 6/3.1) SEE DETAIL 6/AD.5.
  12. FIRE EXTINGUISHER WITH GADGET. SERVICE PERSONNEL PROVIDING GLASS OR CONDUCTING MAINTENANCE SHALL POSSESS A VALID CERTIFICATE ISSUED BY AN APPROVED GOVERNMENTAL AGENCY OR OTHER APPROVED ORGANIZATION FOR THE TYPE OF WORK PERFORMED. THE CLEARANCE BETWEEN FLOOR AND THE BOTTOM OF INSTALLED HAND-HELD PORTABLE EXTINGUISHERS SHALL BE NO LESS THAN 4" PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 LBS. SHALL BE INSTALLED SUCH THAT THEIR TOP SURFACES ARE MORE THAN 5' ABOVE FLOOR (35" ABOVE FLOOR WHEN EXCEEDING 40 LBS.). VERIFY LOCATION AND QUANTITY WITH THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
  13. FIRE DEPARTMENT KNOX KEY SWITCH PER FIRE DEPT. SPECIFICATIONS. INSTALL IN ACCORDANCE WITH FIRE DEPARTMENT STANDARDS.
  14. ROOM CAPACITY SIGN. POSTED SIGN SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNERS AUTHORIZED REPRESENTATIVE. THE SIGN SHALL BE PLACED IN AN EASY ACCESS OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS TO THE ROOM OR SPACE. (ICC 1015.4 & ICC-A111 103).
  15. MIRRORRED WALL - SEE INTERIOR ELEVATION SHEET.
  16. WATER HEATER, REFER TO PLUMBING DRAWINGS.
  17. EGRESS DOOR LOCATED TO THE RIGHT OF THE DIRECTION OF EGRESS.
  18. TRAVEL, EXIST SIGNS NOT REQUIRED IN ROOMS OR AREAS THAT REQUIRE ONLY ONE EXIT OR EXIT ACCESS. (IBC 1031).
  19. TAGS SHALL BE 12" X 18" MINIMUM PER IBC 1015.4 & ICC-A111 103.
  20. SIGN SHALL BE PROVIDED ADJACENT TO EACH EXIT DOOR. SEE DETAIL 2/AD.5.
  21. CABINETS, SEE INTERIOR ELEVATION FOR HEIGHT.
  22. 50"X48" CLEARANCE.
  23. FLOOR DRAIN, SEE PLUMBING DRAWINGS. SLOPE ADJACENT FLOORING 2%.
  24. UNDER COUNTER REFRIGERATOR.
  25. BAR SINK.
  26. JANITOR SINK, REFER TO PLUMBING DRAWINGS.
  27. 60" DIA. CLEAR TURNAROUND SPACE.
  28. LINE OF METAL ROOF PAVING WITH DECORATIVE METAL ROOF PANEL. SEE ELEVATIONS FOR DETAIL 5/AD/1.

- 26. LINE OF EYEBROW CANOPY. SEE ELEVATIONS.
- 27. STEEL TUBE POST. SEE PLAN AND STRUCTURAL DRAWINGS.
- 28. APPLIANCE FIREPLACE. VERIFY WITH INTERIOR DESIGNER.
- 29. DOUBLE STUD WALL.
- 30. 2x8 STUD WALL.
- 31. 30" X 30" ROOF ACCESS HATCH WITH PERMANENTLY AFFIXED LADDER TO ROOF.
- 32. 30"-0" WIDE X 12"-0" HIGH 6 PANEL FOLDING PARTITION WALL. BASIS OF DESIGN IS "MODERNFOLD ACOUSTI-SILK ENCORE".
- 33. ROOM IDENTIFICATION SIGNAGE PER ICC-AHJ1.103. PER DETAIL 4/AD.5.
- 34. 30" DOUBLE OVEN
- 35. 48" REFRIGERATOR / FREEZER
- 36. TRIPLE BASIN PREP SINK
- 37. MICROWAVE DRAWER
- 38. TRASH COMPACTOR.
- 39. WARMING DRAWER
- 40. PASS-THROUGH COUNTERTOP
- 41. DISH WASHER (UNDER 34" COUNTERTOP).
- 42. WASTE PAPER HOLE IN COUNTERTOP ABOVE WASTE PAPER BASKET.

FILE NAME: 4126\_A2\_02 POOL EQUIPMENT FLOOR PLAN





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**1st PLAN CHECK**

Date: 02-21-25

**REVISIONS**

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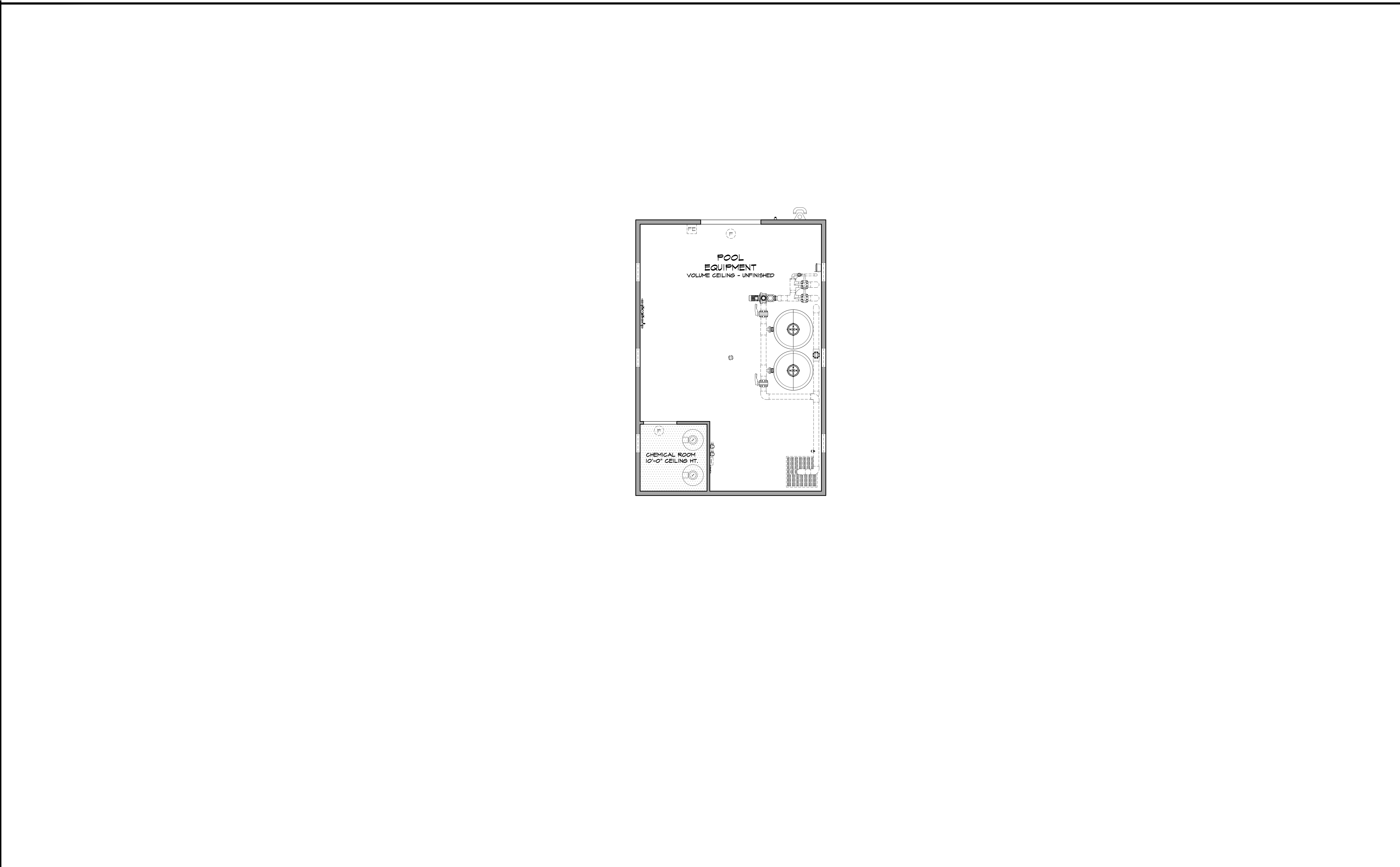
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NORTH CAROLINA

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**POOL EQUIPMENT**  
**FIRST FLOOR**  
**REFLECTED**  
**CEILING PLAN**  
**A2.3**










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REFLECTED CEILING PLAN		SCALE: 1/4"=1'-0"
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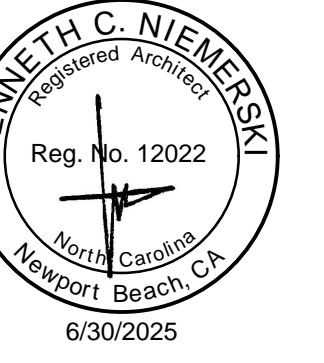
## BUILDING REFLECTED CEILING LEGEND

- |   |   |
|---|---|
|  | SURFACE MOUNTED LED CEILING LIGHT FIXTURE   |
|  | RECESSED LED LIGHT FIXTURE  |
|  | CEILING FAN   |
|  | SMOKE ALARM, CEILING MOUNTED, HARD WIRED AND W/ BATTERY BACKUP, ICC AND SFM APPROVED                      |
|  | COMBINATION SMOKE/CARBON MONOXIDE ALARM, CEILING MOUNTED, HARD WIRED AND W/ BATTERY BACK UP, ICC APPROVED |
|   | EMERGENCY LIGHT   |
|  | EXHAUST FAN, SEE MECHANICAL PLAN  |
|  | MECHANICAL CEILING REGISTER, SEE MECHANICAL PLANS   |
|  | MECHANICAL CEILING REGISTER, SEE MECHANICAL PLANS   |
|  | INDICATES DROPPED CEILING   |

REFLECTED CEILING GENERAL NOTES 5/11/12

1. FOR ADDITIONAL INFORMATION REGARDING CEILING MOUNTED FIXTURES, REFER TO ELECTRICAL PLANS, MECHANICAL PLANS AND FIRE SPRINKLER PLANS.
2. TYPICAL CEILING FINISH: CLUB HOUSE: PAINTED GYPSUM BOARD REFER TO INTERIOR DESIGN DRAWINGS FROM SPECIAL CEILING FINISHES.
3. TYPICAL CEILING FINISH: POOL EQUIPMENT BUILDING: EXPOSED STRUCTURE / NO FINISH, EXCEPT WHERE NOTED OTHERWISE.
4. TYPICAL CEILING FINISH MAIL STRUCTURE: 2X6 T & G CEILING FINISH.





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## REVISIONS

# ALTIS SERENITY CLUB HOUSE

HARTNETT COUNTY  
NORTH CAROLINA

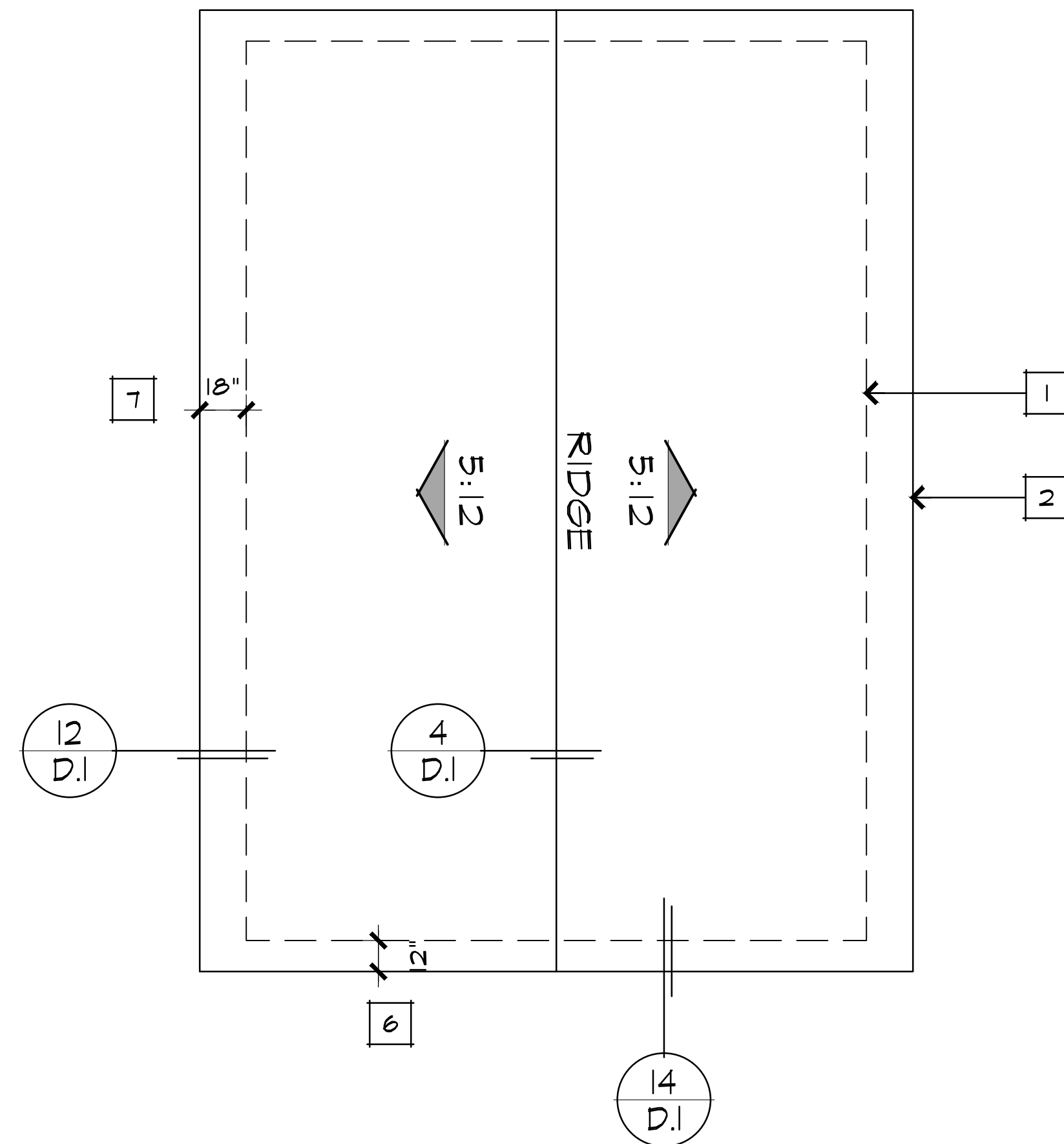
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## POOL EQUIPMENT

### ROOF PLAN

## A2.4

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## ROOF PLAN

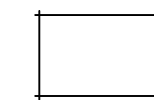
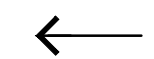
SCALE: 1/4"=1'-0"

### ROOF PLAN LEGEND

1/20/17



	INDICATES ROOF SLOPE DIRECTION. INDICATES RATE OF ROOF SLOPE.
	INDICATES DIRECTION OF ROOF SLOPE AT CRICKET.



HIGH DEFINITION COMPOSITION ASPHALT SHINGLES  
MANUFACTURER AND MODEL TO BE SELECTED  
BY TRIPOINTE HOMES

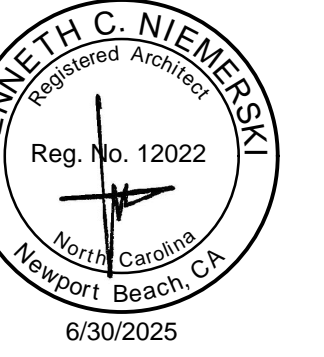
A. REFER TO ROOF PLAN FOR ROOF OVERHANG DIMENSIONS.  
B. PROVIDE 1/4" NON-CORROSIVE SCREENS AT GUTTERS.

### ROOF PLAN NOTES

01/20/17

1. BUILDING LINE.
2. ROOF LINE.
3. ROOF BRACE AT EAVE. SEE DETAILS 23/D, 1 AND 25/D, 1.
4. PROPOSED LOCATION OF ROOF GUTTER AND DOWNSPOUT. CONFIRM LAYOUT IN FIELD.
5. G.I. FLASHING AND SADDLE/ CRICKET.
6. ROOF EAVE: 12" OVERHANG. TYPICAL.
7. ROOF RAKE: 18" OVERHANG, UNLESS NOTED OTHERWISE.
8. LINE OF CANOPY BELOW. SEE DETAIL 15/D, 1-1.
9. ROOF VENT. REFER TO ROOF CALCS FOR ADDITIONAL INFORMATION.





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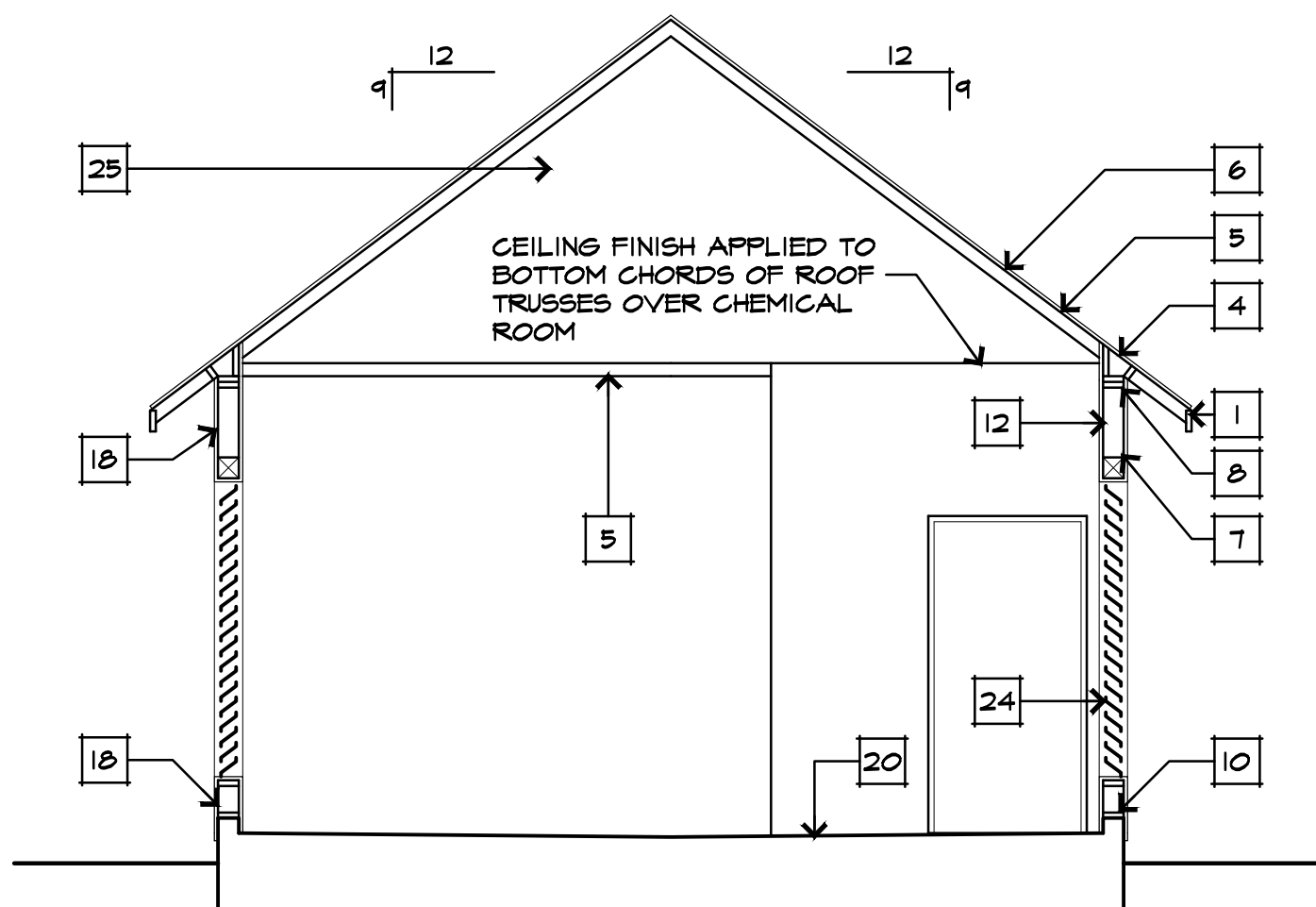
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## POOL EQUIPMENT

### BUILDING SECTIONS

## A2.5

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## BUILDING SECTION

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

A

## SECTION NOTES

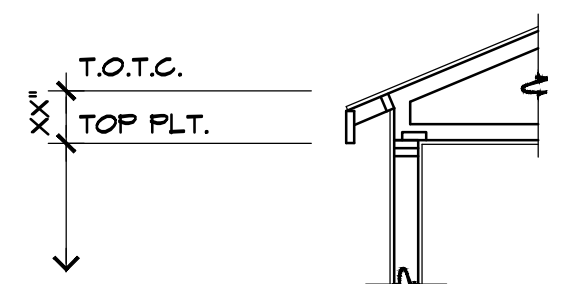
01/20/17

3. FASCIA BOARD. (SEE ELEVATION)
2. BARGE BOARD. (SEE ELEVATION)
1. ROOFING MATERIAL. REFER TO ROOF PLAN NOTES.
4. ROOF SHEATHING.
5. DESIGNED AJOOD ROOF TRUSSES.
6. DROPPED BEAM
7. HEADER.
8. DOUBLE 2X6 TOP PLATE.
9. G1 FLASHING AT ROOF TO WALL.
10. 2X P.T.D. SILL PLATE.
11. 2X4 STUDS.
12. 2X6 STUDS.
13. 2X8 STUDS.
14. 2X GELLING FURRING.
15. 2X BLOCKING.
16. PONY WALL. SEE PLAN FOR HEIGHT.
17. BALLOON FRAMED WALL. (SEE STRUCTURAL FRAMING PLANS).
18. STRUCTURAL CALCULATIONS AND GENERAL NOTES.
19. EXTERIOR FINISH REFR. CEILING ELEVATIONS.
20. EXTERIOR CEILING / SOFFIT (SEE PLAN / ELEVATION).
21. CONCRETE FLOOR SLAB.
22. 6" GYPSUM WALL BOARD.
23. 5/8" GYPSUM WALL BOARD.
24. FIBERBATT INSULATION-SEE ENERGY COMPLIANCE SHEET.
25. LOW VENTED ROOF.
26. UNENCLOSED, NON CONDITIONED ATTIC.
27. ENHANCED PAVING OVER DEPRESSIONED STRUCTURAL SLAB.
28. EXTERIOR OUTDOOR STAGES IN GUILD HOUSE AND WALL STRUCTURE TO MATCH EXTERIOR WALL FINISHES.
29. EXTERIOR CEILING FINISH TO BE 2X6 T4S WOOD PER REFLECTED FINISH PLAN.

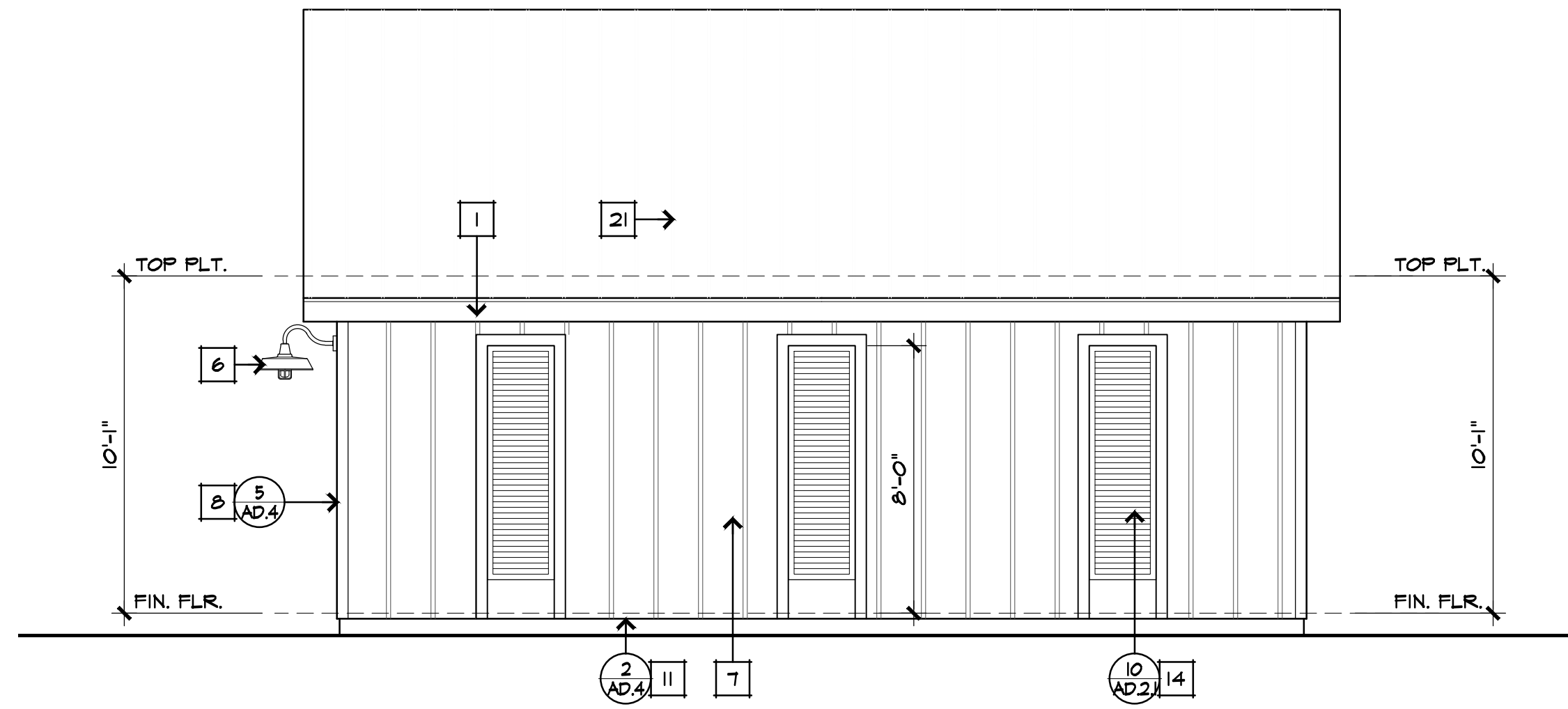
### GENERAL SECTION NOTES

M2

- A. REFER TO STRUCTURAL ENGINEERS DRAWINGS, DETAILS AND NOTES FOR INFORMATION NOT SHOWN HERE.
- B. REFER TO TRUSS DRAWINGS FOR INFORMATION NOT SHOWN HERE.
- C. ROOF SLOPE(S) AND OVERHANG(S) MAY VARY PER PLAN. REFER TO THE ROOF NOTES AND ROOF PLANS FOR MORE INFORMATION.
- D. TYPICAL DIMENSIONS FOR A HEEL TRUSS. ( DIMENSION FROM TOP PLATE TO THE TOP OF TOP CHORD ).







# 3



## 214

- A. ALL EXPOSED WOOD TRIM, PLYWOOD, POSTS AND CORBELS TO BE "RESAVN" AND SHALL BE PRIMED ON ALL SIDES PRIOR TO INSTALLATION/ASSEMBLY.
- B. TYPICAL HORIZONTAL LAP SIDING TO BE: SMOOTH FINISH CEMENTITIOUS SIDING PANELS WITH SMOOTH FINISH CEMENTITIOUS VERTICAL BATTENS AT 16" OC. TYPICAL UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS.  
HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- C. TYPICAL HORIZONTAL LAP SIDING TO BE: SMOOTH FINISH CEMENTITIOUS LAP SIDINGS WITH 8" EXPOSURE TYPICAL. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS.  
HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- D. STONE VENEER : MANUFACTURED STONE VENEER PER CLIENT.





1st PLAN CHECK

Date: 02-21-25

REVISIONS

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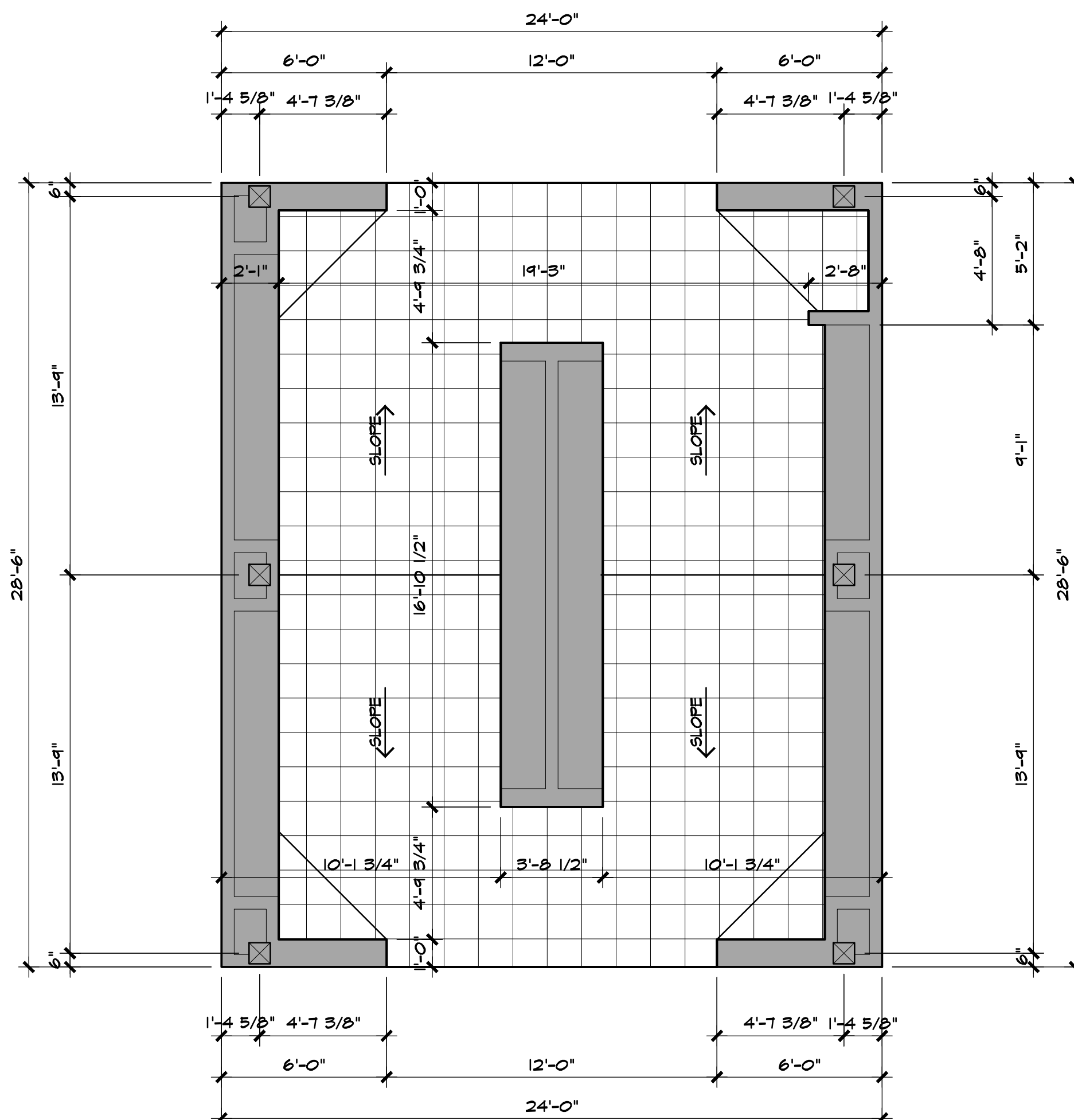
**ALTIS SERENITY  
CLUB HOUSE**  
HARTNETT COUNTY  
NORTH CAROLINA

**tri**pointe  
HOMES

**MAIL BUILDING  
SLAB PLAN**

**A3.1**

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**SLAB INTERFACE PLAN**

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

**1**

**SLAB INTERFACE LEGEND**

02/19/21

- INDICATES DROP IN SLAB.
- INDICATES AREA OF 2" DEPRESSED SLAB TO RECEIVE TILE FLOORING OVER SETTING BED. SEE INTERIOR DESIGN PLANS AND SPECIFICATIONS FOR TILE.
- INDICATES AREA OF 3" DEPRESSED SLAB TO RECEIVE PAVERS AND MORTAR BED. REFER TO LANDSCAPE ARCHITECT / CIVIL DRAWINGS TO CONFIRM THE DEPTH OF PAVERS, MORTAR BED AND DEPTH OF SLAB DEPRESSION.
- INDICATES 6" RAISED CURB ABOVE FINISH FLOOR. VERIFY LOCATIONS W/ SITE GRADING PLANS. SEE ELEVATIONS.
- INDICATES LOCATION OF LEVEL ACCESSIBLE LANDINGS REQUIRED AT EXTERIOR ENTRY DOORS.
- INDICATES DOWNSPOUT LOCATION. VERIFY WITH CIVIL/ LANDSCAPE.

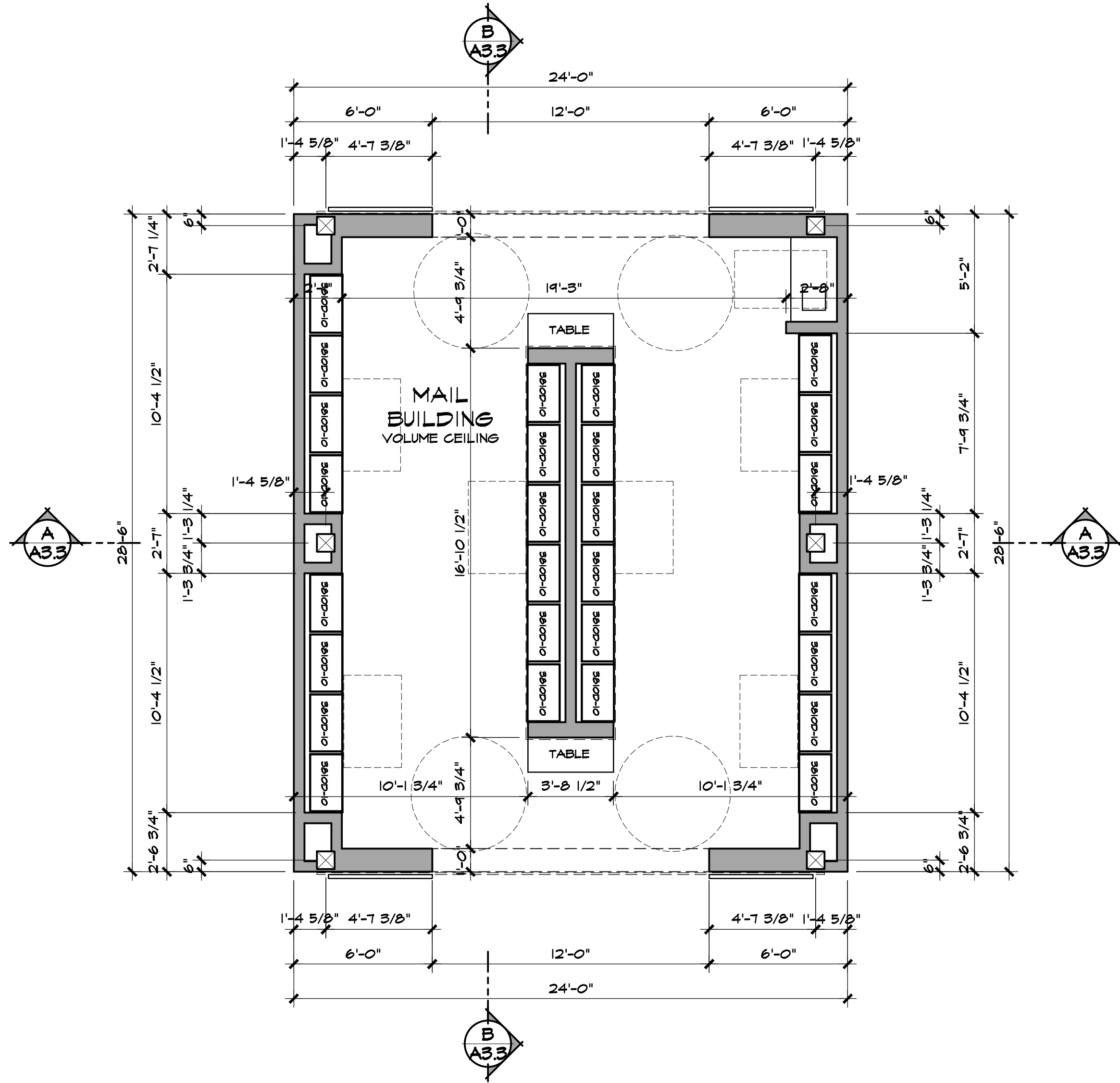
**GENERAL SLAB INTERFACE NOTES**

01/20/21

- VERIFY MINIMUM FOUNDATION DEPTH, WIDTH, REINFORCING STEEL AND ADDITIONAL EXPANSIVE SOIL REQUIREMENTS WITH THE SOILS REPORT.
  - REFER TO STRUCTURAL ENGINEERING DRAWINGS FOR INFORMATION RELATED TO FLOOR SLAB NOT SHOWN HERE.
  - FOR HARDSCAPE INFORMATION REFER TO LANDSCAPE PLANS.
  - COVERED ENTRIES: PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING(S) TO SURFACE AREA DRAINS.
  - EXTERIOR DRAIN LOCATIONS TO BE DETERMINED BY CIVIL ENGINEER. SEE PRECISE GRADING PLANS FOR LOCATIONS.
  - WHEN REQUIRED BY SOILS ENGINEER OR OTHERS, TIE COURTYARD DRAINS AND ROOF DOWNSPOUTS INTO SITE AREA DRAINS.
  - PRIOR TO POURING SLAB COORDINATE RISER SLEEVE WITH STRUCTURAL ENGINEER'S DRAWINGS.
- REFER TO CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION THAT MAY IMPACT THE SLAB INTERFACE NOT SHOWN HERE.



FILE NAME: 41261\_A3\_02 MAIL BUILDING FLOOR PLAN  
PLOT DATE: 2-20-25



## BUILDING PLAN

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

### BUILDING PLAN LEGEND

1/17/22

TYPICAL 2X6 STUDS AT 16" O.C. UNLESS OTHERWISE NOTED. REFER TO STRUCTURAL DRAWINGS.

- INDICATES DOOR SYMBOL NUMBER. REFER TO DOOR SCHEDULE SHEET A3.I FOR ADDITIONAL INFORMATION
- INDICATES WINDOW SYMBOL LETTER. REFER TO WINDOW SCHEDULE SHEET A3.II FOR ADDITIONAL INFORMATION

### BUILDING PLAN NOTES

12/30/22

1. SINK W/ GARBAGE DISPOSAL.
2. SOFFIT, SEE PLAN FOR HEIGHT.
3. EXTERIOR SOFFIT, SEE EXTERIOR ELEVATIONS FOR HEIGHT.
4. LINE OF CEILING HEIGHT CHANGE OF COFFERED CEILING. REFER TO REFLECTED CEILING PLANS.
5. MILLWORK, REFER TO INTERIOR ELEVATIONS.
6. TOILET/ BATHING ROOM IDENTIFICATION SYMBOL PER DETAIL 5/AD.5.
7. FLUSH 24" X 36" (UNO.) MIN. ATTIC ACCESS W/ GYP. BD. FINISH.
8. HI-LO HI-LO DRINKING FOUNTAIN PROVIDE A 30" X 48" CLEAR SPACE POSITIONED FOR A FORWARD APPROACH CENTERED TO THE DRINKING FOUNTAIN. SPOUT OUTLETS OF A WHEELCHAIR ACCESSIBLE DRINKING FOUNTAIN SHALL BE 36" MAXIMUM ABOVE THE FLOOR. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38" MINIMUM AND 48" MAXIMUM ABOVE THE FLOOR. THE SPOUT LOCATION SHALL BE LOCATED 15" MINIMUM FROM THE VERTICAL SUPPORT AND 5" MAXIMUM FROM THE FRONT EDGE OF THE DRINKING FOUNTAIN, INCLUDING BUMPERS. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" MINIMUM IN HEIGHT. THE ANGLE OF THE WATER STREAM FROM SPOUTS WITHIN 3" OF THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 30 DEGREES MAXIMUM, AND FROM SPOUTS BETWEEN 3" AND 5" FROM THE FRONT OF THE DRINKING FOUNTAIN SHALL BE 15 DEGREES MAXIMUM, MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE DRINKING FOUNTAIN. ICC A117.1 602. PER 15/D.5. CARD READER REFER TO SECURITY PLANS.
9. INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ICC A117.1 FIGURE 108.6.5.1. SEE DETAIL 6/AD.5.
10. CLASS "A" FIRE EXTINGUISHER WITH CABINET. SERVICE PERSONNEL PROVIDING OR CONDUCTING MAINTENANCE SHALL POSSES A VALID CERTIFICATE ISSUED BY AN APPROVED GOVERNMENTAL AGENCY, OR OTHER APPROVED ORGANIZATION FOR THE TYPE OF WORK PERFORMED. THE CLEARANCE BETWEEN FLOOR AND THE BOTTOM OF INSTALLED HAND-HELD PORTABLE EXTINGUISHERS SHALL BE NO LESS THAN 4". PORTABLE FIRE EXTINGUISHERS HAVING A GROSS HEIGHT NOT EXCEEDING 40 LBS. SHALL BE INSTALLED SO THAT THEIR TOPS ARE NOT MORE THAN 5' ABOVE FLOOR (35' ABOVE FLOOR WHEN EXCEEDING 40 LBS.). VERIFY LOCATION AND QUANTITY WITH THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
11. FIRE DEPARTMENT KNOX KEY SWITCH (PER FIRE DEPT. SPECIFICATIONS). INSTALL IN ACCORDANCE WITH FIRE DEPARTMENT STANDARDS.
12. ROOM CAPACITY SIGN POSTED SIGN SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN, AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNERS AUTHORIZED AGENT. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY. I.B.C. 1004.4
13. MIRRORRED WALL - SEE INTERIOR ELEVATION SHEET.
14. WATER HEATER, REFER TO PLUMBING DRAWINGS.
15. EXIT SIGN, LOCATED READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL, EXIT SIGNS NOT REQUIRED IN ROOMS OR AREAS THAT REQUIRE ONLY ONE EXIT OR EXIT ACCESS. (I.B.C. 1005.1)
16. TACTILE EXIT SIGN, A SIGN STATING "EXIT" PER I.B.C. 1015.4 & ICC-A117.1 703. SHALL BE PROVIDED ADJACENT TO EACH EXIT DOOR. SEE DETAIL 2/AD.5.
17. CABINETS, SEE INTERIOR ELEVATION FOR HEIGHT.
18. 30"X48" CLEARANCE SPACE.
19. UNDER COUNTER REFRIGERATOR.
20. BAR SINK.
21. JANITOR SINK. REFER TO PLUMBING DRAWINGS.
22. 60" DIA. CLEAR TURNAROUND SPACE.
23. LINE OF METAL AWNING WITH DECORATIVE METAL ROOF PANEL. SEE ELEVATIONS AND DETAIL 15/AD.14.
24. LINE OF EYEBROW CANOPY. SEE ELEVATIONS.
25. STEEL TUBE POST. SEE PLAN AND STRUCTURAL DRAWINGS.
26. APPLIANCE FIREPLACE. VERIFY WITH INTERIOR DESIGNER.
27. DOUBLE STUD WALL.
28. 2X6 STUD WALL.
29. 30" X 30" ROOF ACCESS HATCH WITH PERMANENTLY AFFIXED LADDER TO ROOF.
30. 30"X12" WIDE X 12'-0" HIGH 6 PANEL FOLDING PARTITION WALL. BASIS OF DESIGN IS "MODERNFOLD ACOUSTI-SEAL ENCORE".
31. ROOM IDENTIFICATION SIGNAGE PER ICC -A117.1 703. PER DETAIL 4/AD.5.
32. 30" DOUBLE OVEN.
33. 48" REFRIGERATOR / FREEZER.
34. TRIPLE BASIN PREP SINK.
35. MICROWAVE DRAWER.
36. TRASH COMPACTOR.
37. WARMING DRAWER.
38. PASS-THROUGH COUNTERTOP.
39. DISH WASHER (UNDER 34" COUNTERTOP).
40. WASTE PAPER HOLE IN COUNTERTOP ABOVE WASTE PAPER BASKET.



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### 1st PLAN CHECK

Date: 02-21-25

### REVISIONS



**ALTIS SERENITY  
CLUB HOUSE**  
HARTNETT COUNTY  
NORTH CAROLINA

**tri pointe**  
HOMES

**MAIL BUILDING  
BUILDING PLAN**

**A3.2**

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ate: 02-21-25

## REVISIONS

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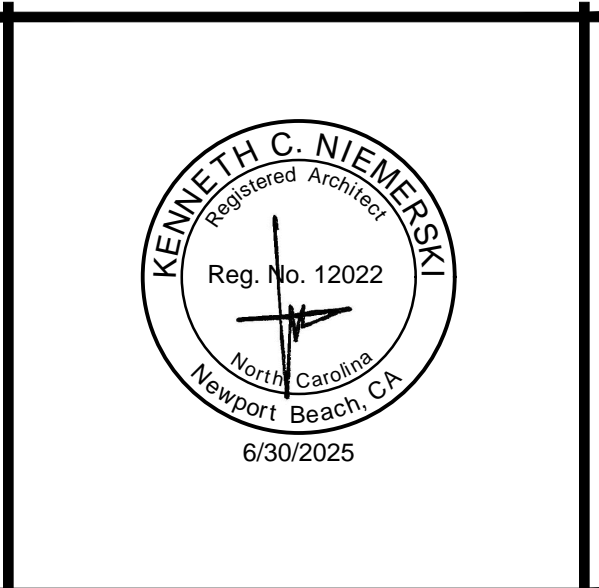
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SCALE: 1/4"=1'-0"

1. FOR ADDITIONAL INFORMATION REGARDING CEILING MOUNTED FIXTURES, REFER TO ELECTRICAL PLANS, MECHANICAL PLANS AND FIRE SPRINKLER PLANS.
2. TYPICAL CEILING FINISH: CLUB HOUSE: PAINTED GYPSUM BOARD REFER TO INTERIOR DESIGN DRAWINGS FROM SPECIAL CEILING FINISHES.
3. TYPICAL CEILING FINISH: POOL EQUIPMENT BUILDING: EXPOSED STRUCTURE / NO FINISH, EXCEPT WHERE NOTED OTHERWISE.
4. TYPICAL CEILING FINISH MAIL STRUCTURE: 2X6 T & G CEILING FINISH.





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**ALTIS SERENITY  
CLUB HOUSE  
HARTNETT COUNTY  
NORTH CAROLINA**

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**HOMES**

**MAIL BUILDING**  
**ROOF PLAN**

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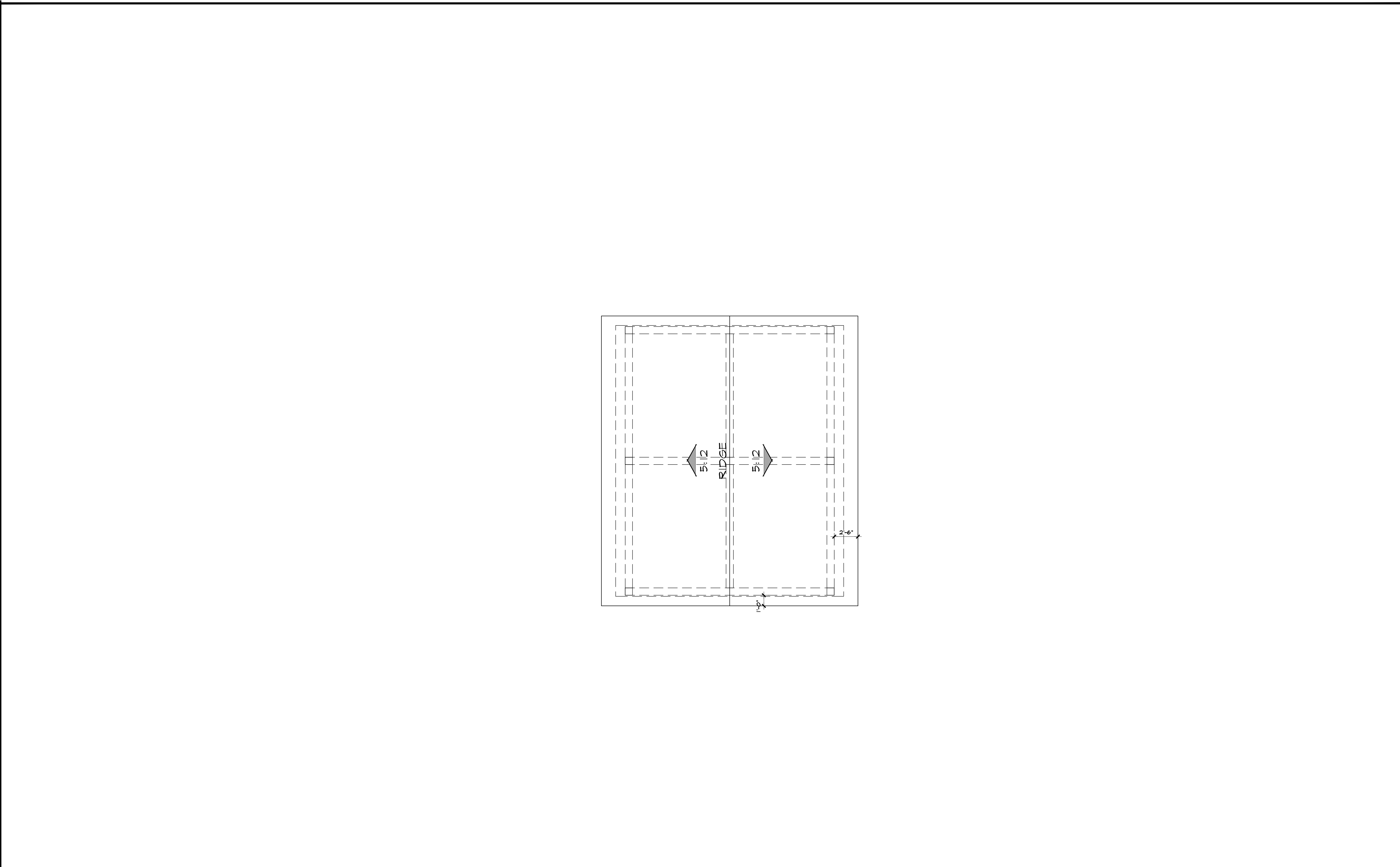
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<b>ROOF PLAN</b>		SCALE: 1/4"=1'-0"
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ROOF PLAN NOTES		ROOF PLAN LEGEND	
<ol style="list-style-type: none"> <li>BUILDING LINE.</li> <li>ROOF LINE.</li> <li>ROOF BRACE AT EAVE. SEE DETAILS 23/D.1 AND 23/D.1.</li> <li>PROPOSED LOCATION OF ROOF GUTTER AND DOWNSPOUT. CONFIRM LAYOUT IN FIELD.</li> <li>G.I. FLASHING AND SADDLE/ CRICKET.</li> <li>ROOF RAKE: 12" OVERHANGS, TYPICAL.</li> <li>ROOF EAVE: 18" OVERHANGS, UNLESS NOTED OTHERWISE.</li> <li>LINE OF CANOPY BELOW SEE DETAIL 19/D.1-H.</li> <li>ROOF VENT. REFER TO ROOF CALC'S FOR ADDITIONAL INFORMATION.</li> </ol>	<div>01/2017</div>	 6/12	<div>01/2017</div> <p>INDICATES ROOF SLOPE DIRECTION.</p> <p>INDICATES RATE OF ROOF SLOPE.</p> <p>← INDICATES DIRECTION OF ROOF SLOPE AT CRICKET.</p> <p> HIGH DEFINITION COMPOSITION ASPHALT SHINGLES MANUFACTURER AND MODEL TO BE SELECTED BY TRIPOINTE HOMES</p>

**ROOF PLAN NOTES**

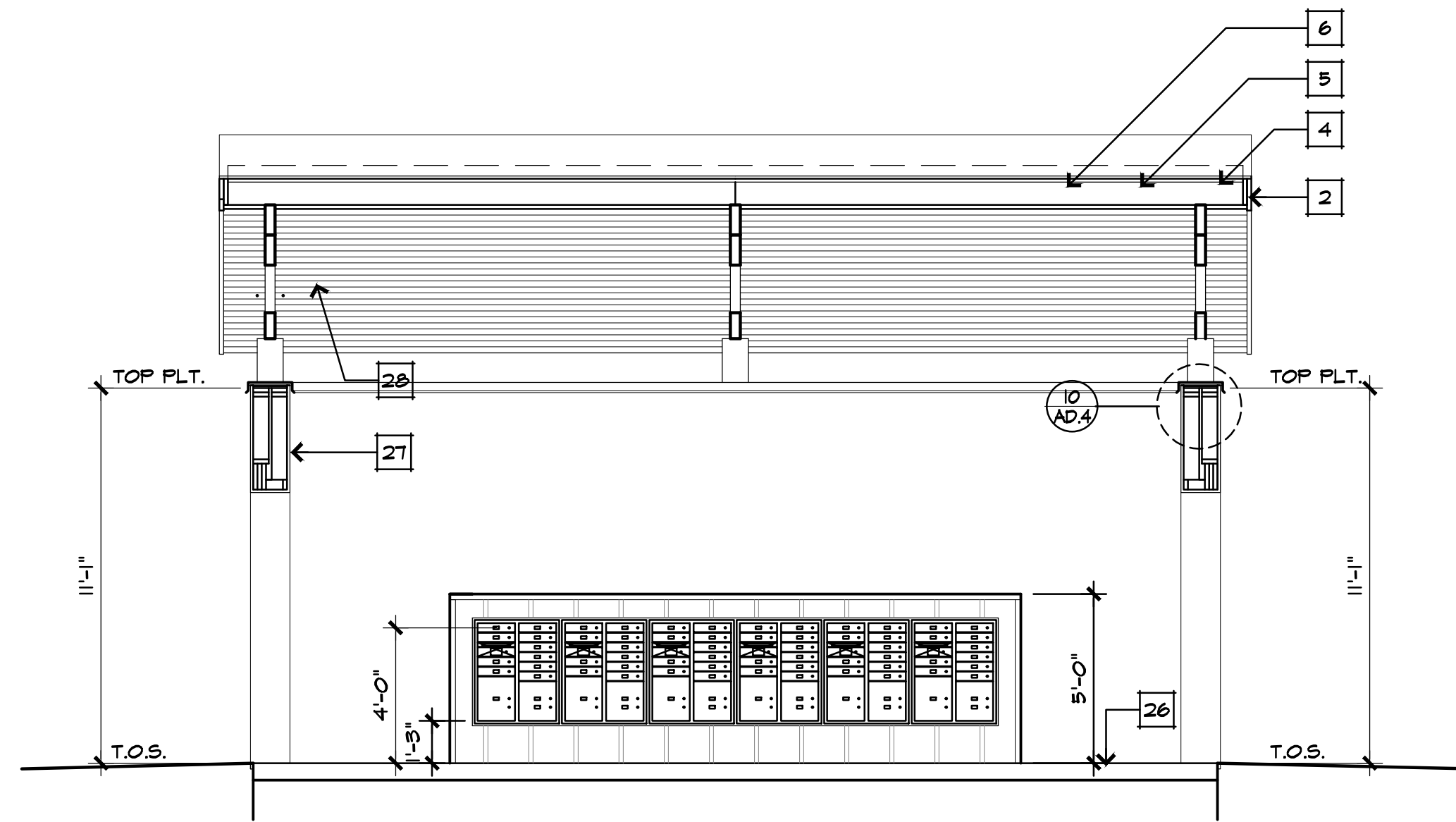
1. BUILDING LINE.
2. ROOF LINE.
3. ROOF BRACE AT EAVE. SEE DETAILS 28/D.1 AND 28/D.1.
4. PROPOSED LOCATION OF ROOF GUTTER AND DOWNSPOUT. CONFIRM LAYOUT IN FIELD.
5. G.I. FLASHING AND SADDLE/ CRICKET.
6. ROOF RAKE: 12' OVERHANG, TYPICAL.
7. ROOF EAVE: 18' OVERHANG, UNLESS NOTED OTHERWISE.
8. LINE OF CANOPY BELOW. SEE DETAIL 19/D.1-1.
9. ROOF VENT. REFER TO ROOF CALC. FOR ADDITIONAL INFORMATION.

**ROOF PLAN LEGEND**



- A. REFER TO ROOF PLAN FOR ROOF OVERHANG DIMENSIONS.  
B. PROVIDE 1/4" NON-CORROSIVE SCREENS AT GUTTERS.



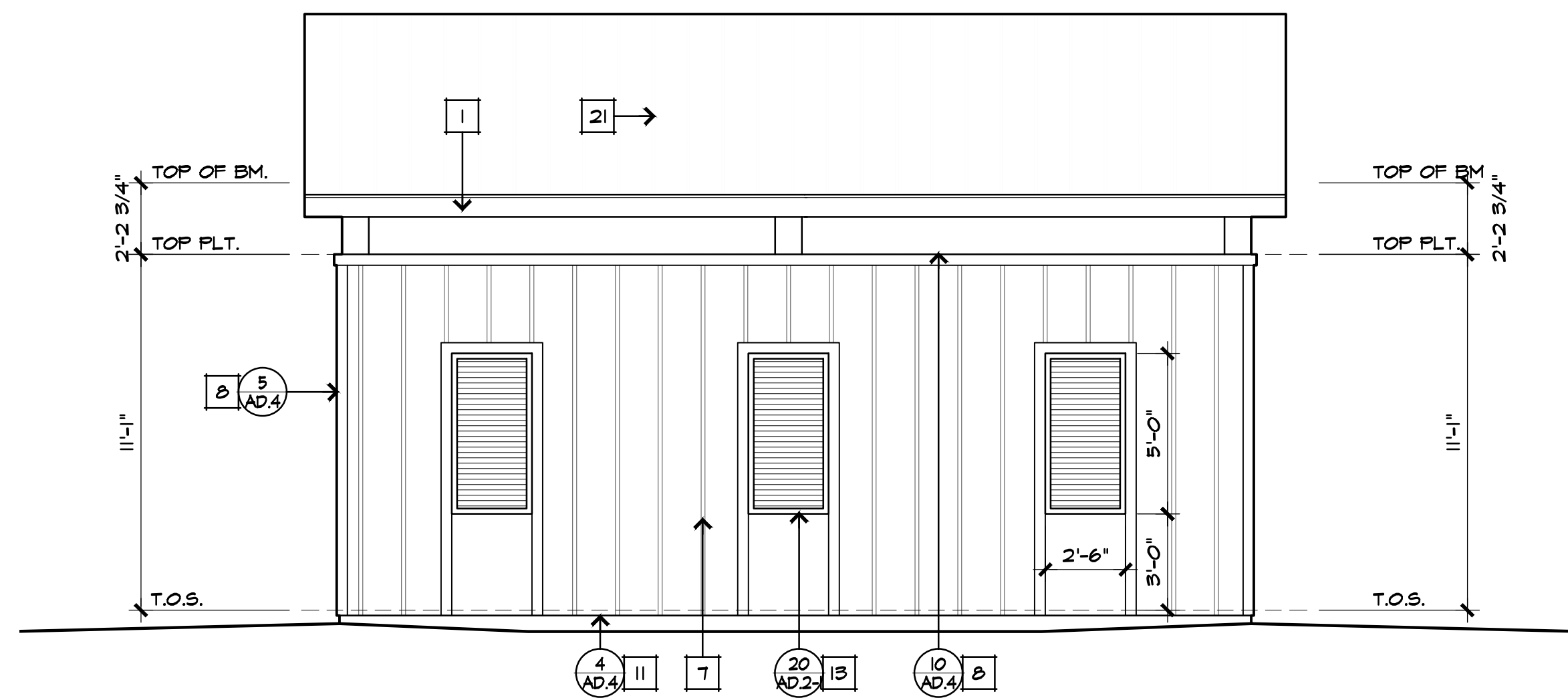


SCALE: 1/4"=1'-0"

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

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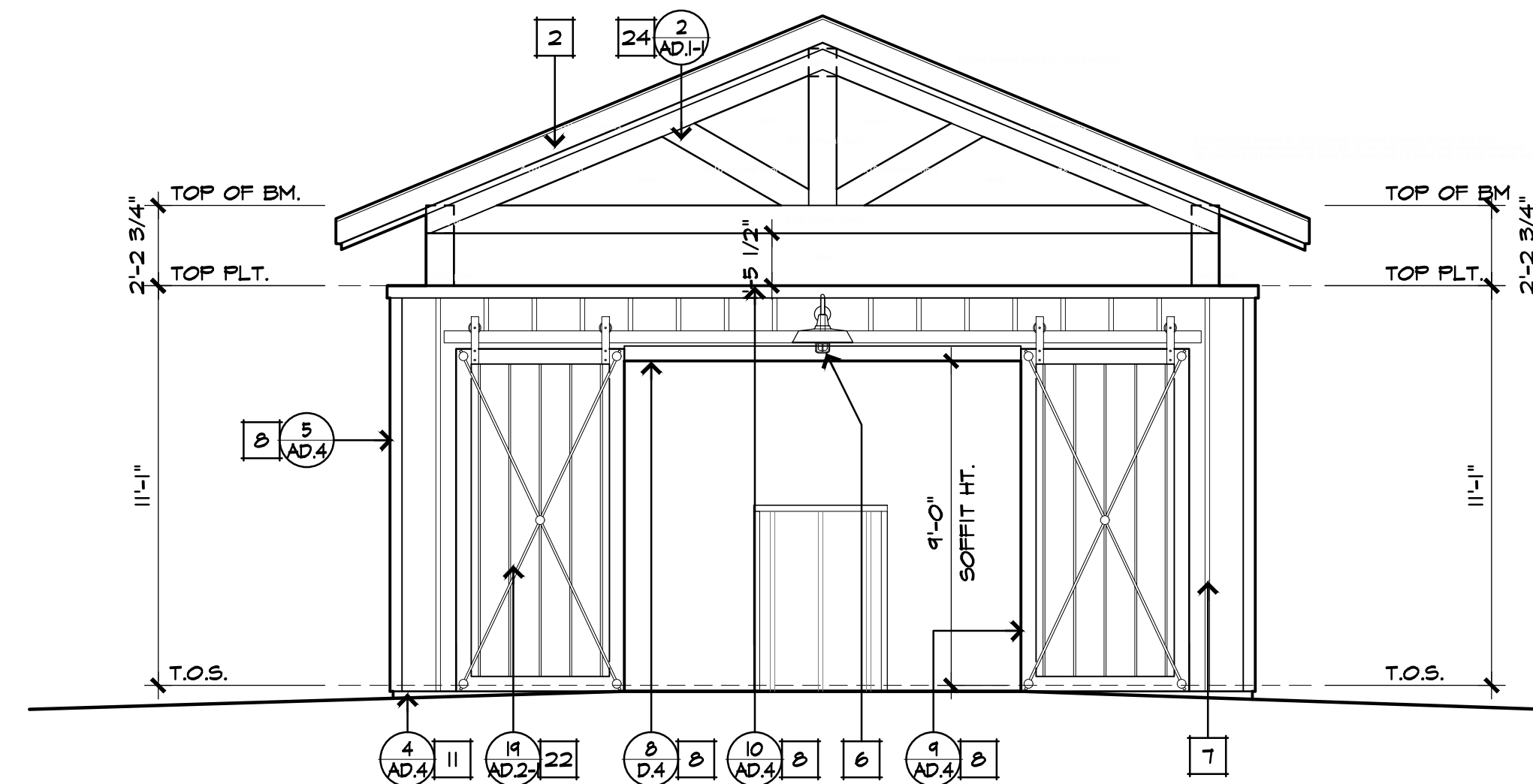




### ELEVATION (RIGHT)

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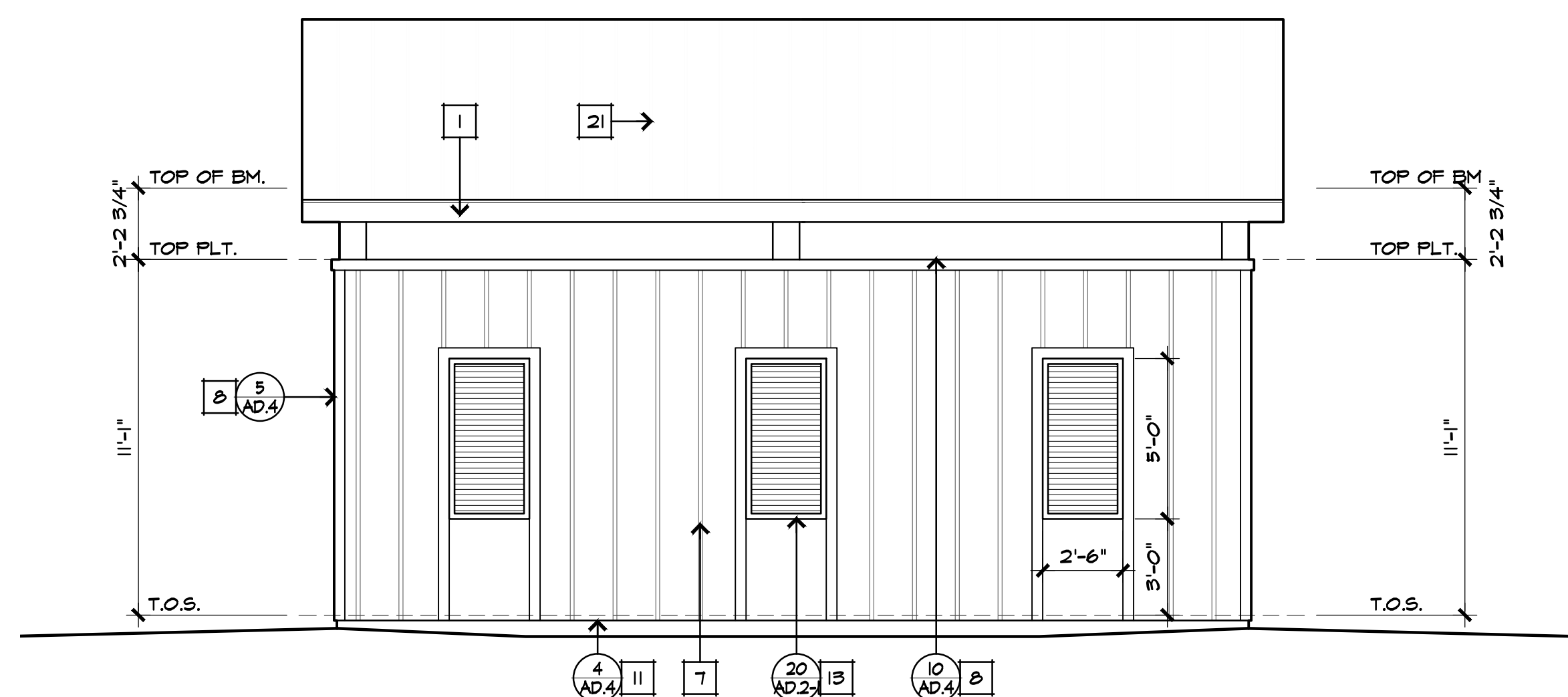
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### ELEVATION (FRONT)

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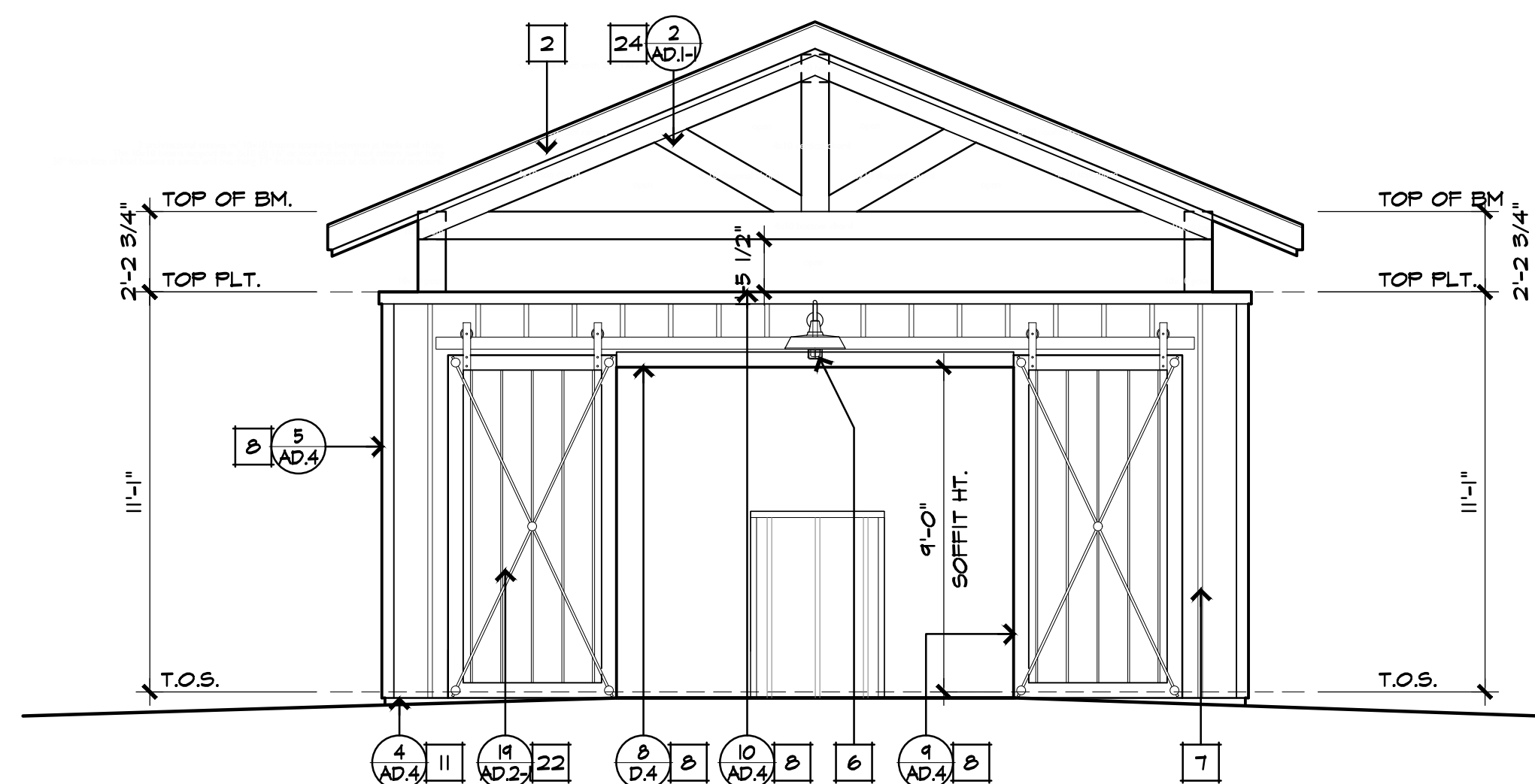
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**ELEVATION (LEFT)**

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

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### ELEVATION (REAR)

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

2

### ELEVATION NOTES

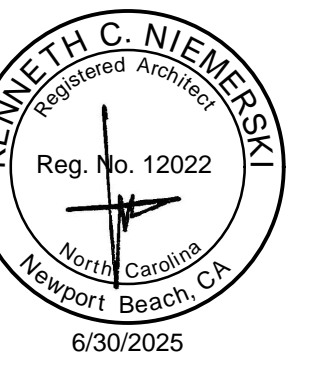
9/20/17

1. FASCIA SEE ROOF PLAN.
2. BARGE, SEE ROOF PLAN.
3. ROOF OVERHANG KICKER, SEE DETAIL.
4. FOAM TRIM HEADER AT RAFTR STAKE.
5. CEMENTITIOUS WOOD TRIM HEADER AT SIDING.
6. EXTERIOR LIGHT FIXTURE REFER TO ELECTRICAL PLANS
7. CEMENTITIOUS SIDING REFER TO EXTERIOR FINISH SCHEDULE
8. EXTERIOR CEMENTITIOUS TRIM BOARD AT CORNER.
9. CUSTOM BARN DOOR.
10. STOREFRONT WINDOW/DOOR.
11. CONTINUOUS G/1. SCREED, SEE DETAIL.
12. G/1 FLASHING ROOF TO WALL.
13. DEFENSIVE LOGS, SEE ELEVATION FOR SIZE.
14. ALUMINUM LOVERED VENT FOR POOL EQUIPMENT, SEE POOL EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
15. DOWNSPOUTS AND 5/8" DIA. DRAINAGE WATER LAYOUT AND DOWNSPOUT LOCATIONS TO BE FIELD VERIFIED.
16. STUCCO GYPSUM, SEE DETAIL.
17. OUTDOOR EVENT ROOM AND BEYOND.
18. BUILDING ADDRESS LOCATION.
19. CEMENTITIOUS WALL SHEATHING PANEL CONTROL JOINT
20. MED. TRILLIS
21. ROOF FINISH PER ROOF PLAN.
22. CUSTOM BARN DOOR, FIXED IN PLACE.
23. HANDCRAFTING STONE VENEER BY EL DORADO, ESR-1215.
24. CUSTOM ROOF TRUSS.

## EXTERIOR FINISHES

1214

- A. ALL EXPOSED WOOD TRIM, PLYWOOD POSTS AND CORBELS TO BE RESAWED AND SHALL BE PRIMED ON ALL SIDES PRIOR TO INSTALLATION/ASSEMBLY.
- B. TYPICAL BOARD AND BATTEN SIDING TO BE: SMOOTH FINISH CEMENTITIOUS SLID SIDING WITH FINISH CEMENTITIOUS VERTICAL BATTENS AT 16" OC. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS.
- C. HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- D. TYPICAL HORIZONTAL PLID SIDING TO BE: SMOOTH FINISH CEMENTITIOUS PLID SIDING WITH 8" EXPOSURE TYPICAL. UTILIZE VERTICAL CEMENTITIOUS BATTENS AT EXTERIOR AND INTERIOR CORNERS.
- E. HORIZONTAL AND VERTICAL GALVANIZED METAL EXPANSION JOINTS PRIMED AND PAINTED AS RECOMMENDED BY MANUFACTURER.
- F. STONE VENEER: MANUFACTURED STONE VENEER PER CLIENT.



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## POOL EQUIPMENT BUILDING ELEVATIONS

### A3.6

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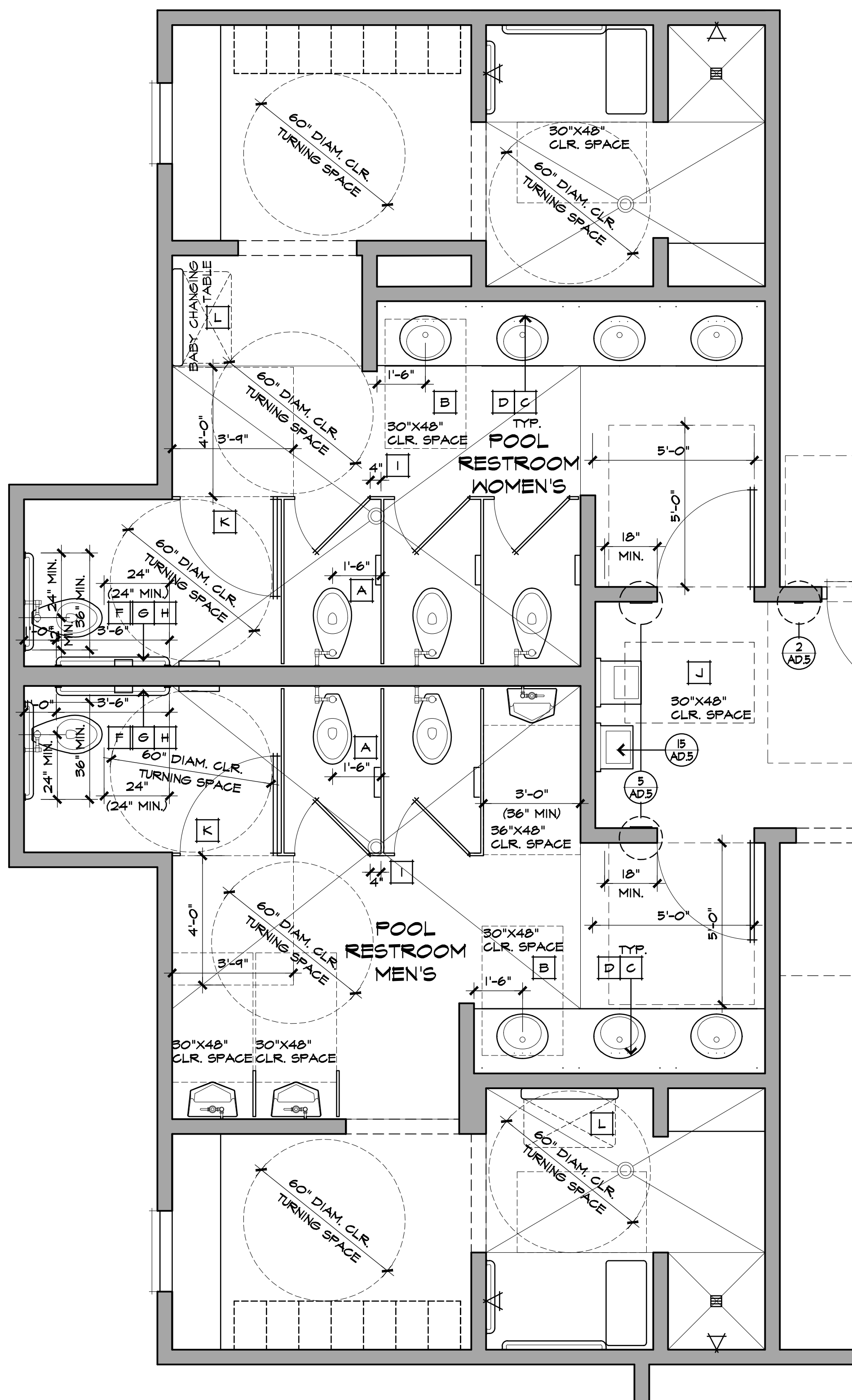
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**CLUBHOUSE  
ENLARGED  
ACCESSIBLE PLANS**

**A4.0**

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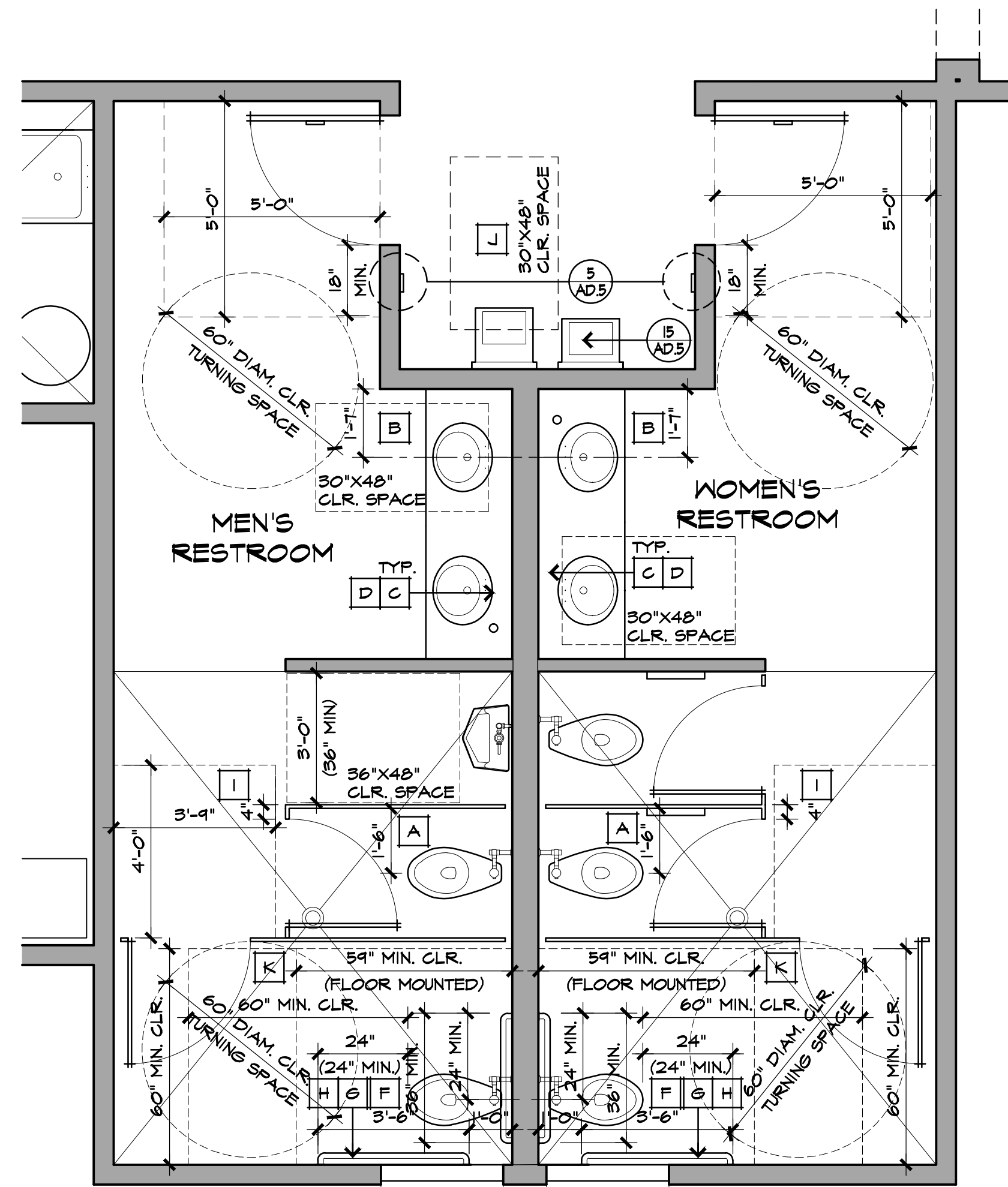


FOR MORE INFORMATION, SEE INTERIOR  
ELEVATION 1, 2 & 3 ON SHEET A4.2

**REC BLDG POOL RESTROOMS**

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

**1**



FOR MORE INFORMATION, SEE INTERIOR  
ELEVATION 1, 2 & 3 ON SHEET A4.3

**REC BLDG RESTROOMS**

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

**2**

**INTERIOR ELEVATION NOTES**

01/20/17

1. SINK WITH GARBAGE DISPOSAL.
2. BASE CABINET (SEE ELEVATION FOR DEPTH).
3. UPPER CABINET (SEE ELEVATION FOR DEPTH).
4. 4" TOE SPACE (UNLESS NOTED OTHERWISE).
5. COUNTERTOP AND BACKSPLASH.
6. DOOR, SEE SCHEDULE.
7. WINDOW, SEE SCHEDULE.
8. BASE, REFER TO INTERIOR DESIGNER DRAWINGS.
9. CASING, REFER TO INTERIOR DESIGNER DRAWINGS.
10. TILE BASE, REFER TO INTERIOR DESIGNER DRAWINGS.
11. TILE FLOOR, REFER TO INTERIOR DESIGNER DRAWINGS.
12. TILE MAINSLOT, REFER TO INTERIOR DESIGNER DRAWINGS.
13. WALL TILE, REFER TO INTERIOR DESIGNER DRAWINGS.
14. TOILET PARTITION: BOBRICK SERIES 1041 OR APPROVED EQUAL.
15. URINAL PARTITION: BOBRICK SERIES 1045 OR APPROVED EQUAL.
16. COUNTER MOUNTED SOAP DISPENSER: BOBRICK B-823 OR APPROVED EQUAL.
17. SEMI-RECESSED PAPER TOWEL DISPENSER W/ WASTE RECEPTACLE: BOBRICK B-3442 OR EQUAL.
18. RECESSED MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER: BOBRICK B-5888 OR APPROVED EQUAL.
19. SURFACE MOUNTED SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER: BOBRICK B-3574 OR APPROVED EQUAL.
20. PARTITION MOUNTED SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER: BOBRICK B-3571 OR APPROVED EQUAL.
21. MIRROR, REFER TO INTERIOR DESIGNER DRAWINGS.
22. HIGH/LOW DRINKING FOUNTAINS.
23. 1 1/2" DIA. GRAB BAR, SEE PLAN FOR LENGTH.
24. SURFACE MOUNTED SEAT COVER AND TOILET TISSUE DISPENSER.

25. BOBRICK B-3474 OR APPROVED EQUAL.
26. RECESSED SEAT COVER DISPENSER: BOBRICK B-301 OR APPROVED EQUAL.
27. FLEXIBLE HAND HELD SPRAYER UNIT, HANDLE TO BE SET AT 48" MAX.
28. CONTROL AREA.
29. FOLDING SHOWER SEAT: BOBRICK B-5142 OR APPROVED EQUAL.
30. FOLDING SHOWER SEAT: BOBRICK B-5143 OR APPROVED EQUAL.
31. SHOWER HEAD.
32. FLUSH CONTROL LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
33. RECESSED MOUNTED SANITARY NAPKIN DISPOSAL: BOBRICK B-555 OR APPROVED EQUAL.
34. FLOOR MOUNTED TOILET, SEE PLUMBING PLANS.
35. WALL MOUNTED URINAL, SEE PLUMBING PLANS.
36. EXTERIOR OR PLASTER, SEE ELEVATIONS.
37. UNDER COUNTER REFRIGERATOR (UNDER 34" COUNTERTOP).
38. REAR LOADING MAILBOXES.
39. DISHWASHER (UNDER 34" COUNTERTOP).
40. FLOOR SINK.
41. COUNTER MOUNTED LAVATORY.
42. KOALA KARE KB 300 HORIZONTAL SURFACE MOUNTED FOLD DOWN BABY CHANGING STATION OR APPROVED EQUAL.
43. SHOWER SEAT, SEE PLAN FOR HEIGHT.
44. BAR SINK.
45. REFRIGERATOR SPACE.
46. UTILITY SINK.
47. FIREPLACE.
48. DOORS AND HARDWARE SHALL PROVIDE FOR ACCESSIBLE ENTRY WHEN OPENED. TOE KICK SHALL BE INTEGRAL WITH DOORS. HOT

- WATER AND DRAIN PIPES EXPOSED UNDER SINK SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE SINK. THE FINISHED FLOOR BENEATH THE SINK SHALL BE EXTENDED TO THE WALL.
49. 30" BUILT-IN OVEN.
  50. TRASH COMPACTOR (UNDER 34" COUNTERTOP).
  51. NINE STORAGE UNITS.
  52. 12" X 12" WASTE PAPER OPENING IN COUNTERTOP ABOVE WASTE PAPER BASKET.
  53. BASIS OF DESIGN FOR USPS POSTAL COLLECTION/DELIVERY MODULE: SALSBUURY INDUSTRIES SB10D-10.
  54. BUILT-IN TABLE.
  55. WOOD FRAMED POSTAL BOX ENCLOSURE.

**GENERAL INTERIOR NOTES**

01/20/17

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- B. REFER TO INTERIOR DESIGN DRAWINGS FOR INFORMATION NOT SHOWN HERE.





## REVISIONS

tri pointe<sup>®</sup>  
HOMES

## A4.1

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1



2



3

1. SINK WITH GARBAGE DISPOSAL.
2. BASE CABINET (SEE ELEVATION FOR DEPTH).
3. UPPER CABINET (SEE ELEVATION FOR DEPTH).
4. 4" TOP SPACE (UNLESS NOTED OTHERWISE).
5. COUNTERTOP AND BACKSPLASH.
6. DISH DRY SHELF.
7. WINDOW SEE SCHEDULE.
8. BASE REF. TO INTERIOR DESIGNER DRAWINGS.
9. CASHIER REF. TO INTERIOR DESIGNER DRAWINGS.
10. TILE BASE REF. TO INTERIOR DESIGNER DRAWINGS.
11. TILE FLOOR REF. TO INTERIOR DESIGNER DRAWINGS.
12. TILE WALL REF. TO INTERIOR DESIGNER DRAWINGS.
13. WALL TILE REF. TO INTERIOR DESIGNER DRAWINGS.
14. GULLY DRAIN REF. TO INTERIOR DESIGNER DRAWINGS.
15. URINAL PARTITION BOBICK SERIES 1045 OR APPROVED EQUAL.
16. COUNTER MOUNTED SOAP DISPENSER: BOBICK B-825 OR APPROVED EQUAL.
17. SEMI-RECEPSED PAPER TOWEL DISPENSER W/ NEST RECEPTACLE: BOBICK B-3442 OR EQUAL.
18. RECEPTION AREA: 18" HIGL TOILET TISSUE DISPENSER.
19. BOBICK B-3488 OR APPROVED EQUAL.
20. PARKING LOT: 18" HIGL SEAT COVER DISPENSER, SANITARY NAPKIN DISPENSAL AND TOILET TISSUE DISPENSER: BOBICK B-3574 OR APPROVED EQUAL.
21. PARKING LOT: 18" HIGL SEAT COVER DISPENSER, SANITARY NAPKIN DISPENSAL AND TOILET TISSUE DISPENSER: BOBICK B-357 OR APPROVED EQUAL.
22. WIRE CLOSET REF. TO INTERIOR DESIGNER DRAWINGS.
23. HIGH LOH DRINKING FOUNTAIN.
24. 1 1/2" DIA. GRAB BAR SEE ELEVATION FOR LENGTH.
25. 18" HIGL MOUNTED SEAT COVER AND TOILET TISSUE DISPENSER.

- 20. BOBBICK B-341H OR APPROVED EQUAL.
- 21. SOFFIT (SEE PLAN FOR DEPTH).
- 22. RECESSED UNDER COUNTER DISPENSER. BOBBICK B-301 OR APPROVED EQUAL.
- 23. FLEXIBLE HAND HELD SPRAYER UNIT, HANDLE TO BE SET AT 45°.
- 24. CONTROL AREA.
- 25. FOLDING SHOWER SEAT. BOBBICK B-5152 OR APPROVED EQUAL.
- 26. SHOWER SEAT. BOBBICK B-5143 OR APPROVED EQUAL.
- 27. SHOWER HEAD.
- 28. LUST. CLOSET LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
- 29. RECESSED MOUNTED SANITARY NAPKIN DISPOSAL. BOBBICK B-358 OR APPROVED EQUAL.
- 30. FLOOR MOUNTED TOILET. SEE PLUMBING PLANS.
- 31. WALL MOUNTED URINAL. SEE PLUMBING PLANS.
- 32. EXTERIOR PLASTIC STEEL ELEVATIONS.
- 33. UNDER COUNTER REFRIGERATOR (UNDER 34" COUNTERTOP).
- 34. NEAR LOADING MALIBUOS DISHWASHER UNDER 34" COUNTERTOP).
- 40. FLOOR SINK.
- 41. COUNTER MOUNTED LAVATORY.
- 42. KOALA KARE KB 300 HORIZONTAL SURFACE MOUNTED FOLD DOWN BABY CHANGING STATION OR APPROVED EQUAL.
- 43. SHOWER SEAT, SEE PLAN FOR HEIGHT.
- 44. BAR SINK.
- 45. REFRIGERATOR SPACE.
- 46. UTILITY SINK.
- 47. FIREPLACE.
- 48. HARDWARE SHALL PROVIDE FOR ACCESSIBLE ENTRY WHEN OPENED. TOE KICK SHALL BE INTEGRAL WITH DOORS. HOT

WATER AND DRAIN PIPES EXPOSED UNDER SINK SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE SINK. THE FINISHED FLOOR BENEATH THE SINK SHALL BE EXTENDED TO THE WALL.

49. 30" BUILT-IN OVEN.

50. TRASH COMPACTOR (UNDER 34" COUNTERTOP).

51. WINE STORAGE UNITS.

52. 12" X 12" WASTE PAPER OPENING IN COUNTERTOP ABOVE WASTE PAPER BASKET.

53. BASIC DESIGN FOR USPS POSTAL COLLECTION/DELIVERY MODULE. SALSBUURY INDUSTRIES 38010-10.

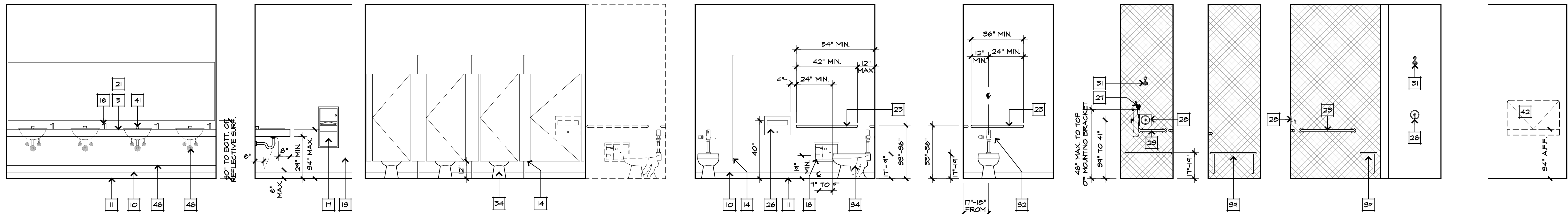
54. BUILT-IN TABLE.

55. WOOD FRAMED POSTAL BOX ENCLOSURE.

A. CABINET DRAWINGS ARE FOR SCHEMATIC USE ONLY. REFER TO BUILDER SPECIFICATIONS AND SHOP DRAWINGS BY CABINET MANUFACTURER FOR FURTHER INFORMATION.

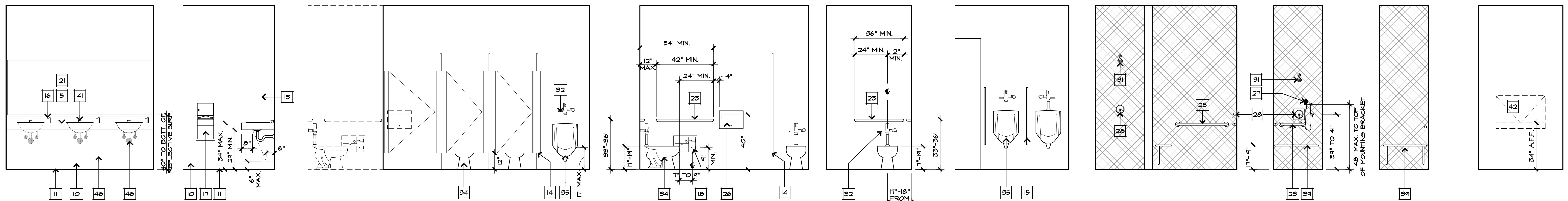
B. REFER TO INTERIOR DESIGN DRAWINGS FOR INFORMATION NOT SHOWN HERE.





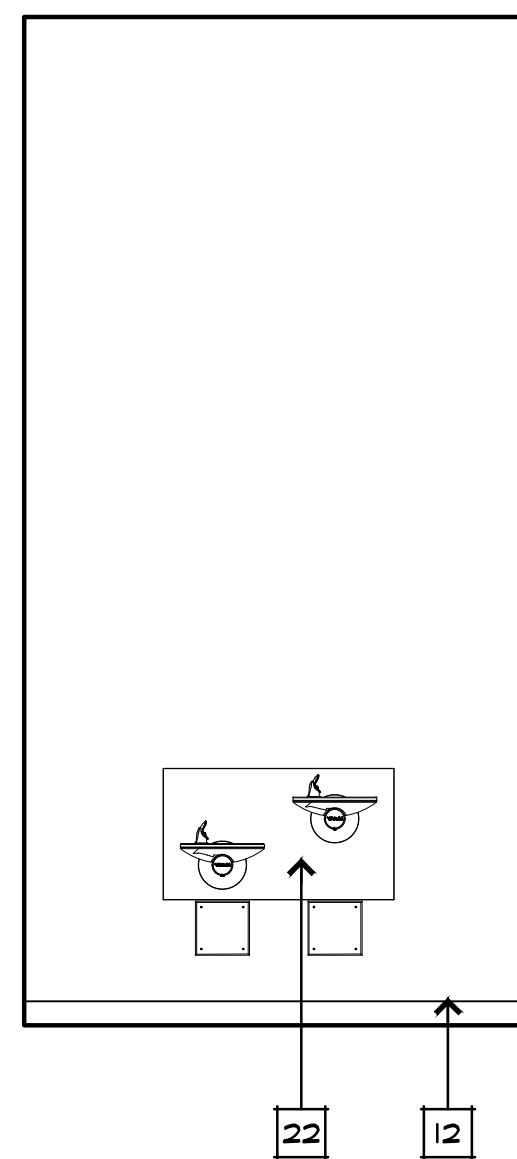
SCALE: 3/8"=1'-0"

1



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

# 3



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

# 3

## 01/20/11

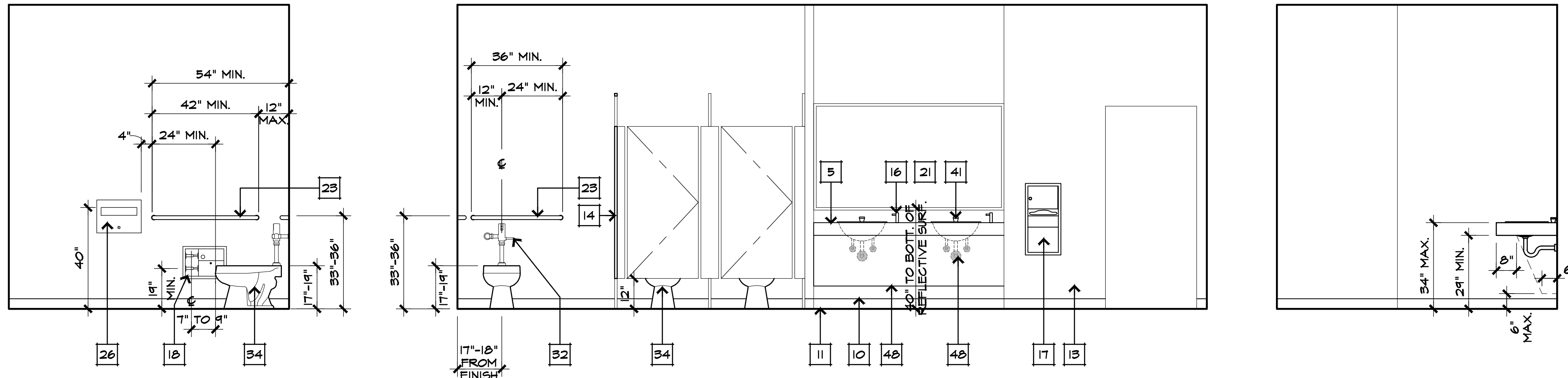
23. BOBBICK B-3474 OR APPROVED EQUAL.
25. SOFFIT (SEE PLAN FOR DEPTH).
26. RECESSED SHOWER SPRAY DISPENSER, BOBBICK B-501 OR APPROVED EQUAL.
27. FLEXIBLE HAND HEID COVER/STAY UNIT, HANDLE TO BE SET AT 48"
28. CONTROL AREA.
29. FOLDING SHOWER SEAT, BOBBICK B-5192 OR APPROVED EQUAL.
30. FOLDING SHOWER SEAT, BOBBICK B-5193 OR APPROVED EQUAL.
31. SHOWER HEAD.
32. FLUSH CONTROL LOCATED ON THE OPEN SIDE OF THE WATER CLOSURE.
33. RECESSED MOUNTED SANITARY NIPPLE DISPOSAL, BOBBICK B-5195 OR APPROVED EQUAL.
34. FLOOR MOUNTED TOILET, SEE PLUMBING PLANS.
35. WALL MOUNTED URINAL, SEE PLUMBING PLANS.
36. EXTERIOR PLASTER, SEE PLUMBING PLANS.
37. UNDER COUNTER REFRIGERATOR (UNDER 34" COUNTERTOP).
38. REAR LOADING MAILBOXES.
39. DISHWASHER (UNDER 34" COUNTERTOP).
40. FLOOR SINK.
41. COUNTERMOUNTED LAVATORY.
42. KOALA KARE KB 300 HORIZONTAL SURFACE MOUNTED FOLD DOWN SHOWER SEAT OR APPROVED EQUAL.
43. SHOWER SEAT, SEE PLAN FOR HEIGHT.
44. BAR SINK.
45. REFRIGERATOR SPACE.
46. UTILITY SINK.
47. FIREPLACE.
48. HARDWARE HARDWARE SHALL PROVIDE FOR ACCESSIBLE ENTRY WHEN OPENED, TO KICK SHALL BE INTEGRAL WITH DOORS, HOT

49. 30" BUILT-IN OVEN.
50. TRASH COMPACTOR (UNDER 34" COUNTERTOP).
51. WINE STORAGE UNITS.
52. 12" X 12" WASTE PAPER OPENING IN COUNTERTOP ABOVE WASTE PAPER BASKET.
53. BASIS OF DESIGN FOR USPS POSTAL COLLECTION/DELIVERY MODULE; SALSBUURY INDUSTRIES 3810D-10.
54. BUILT-IN TABLE.
55. WOOD FRAMED POSTAL BOX ENCLOSURE.

## 01/20/17

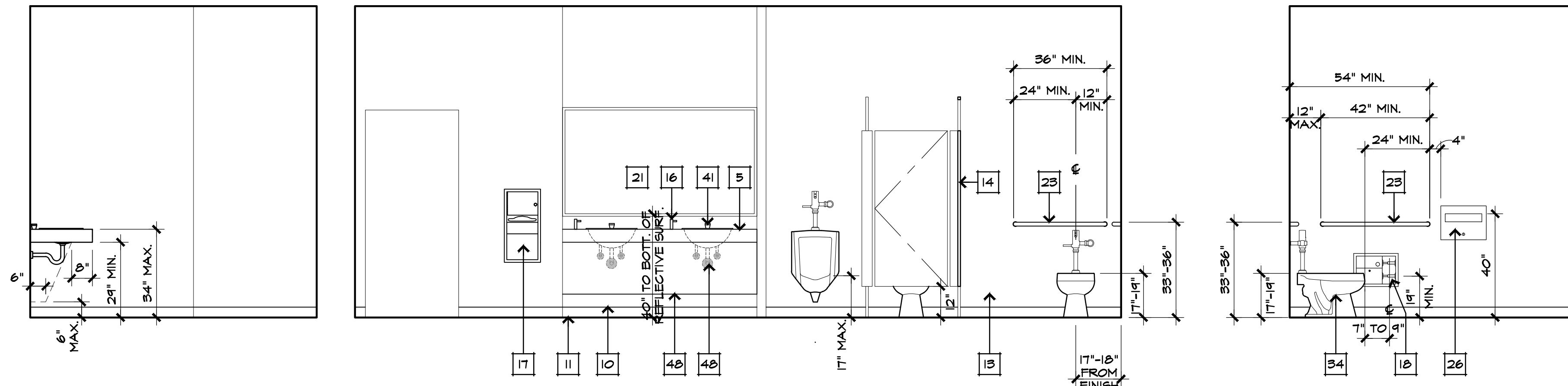
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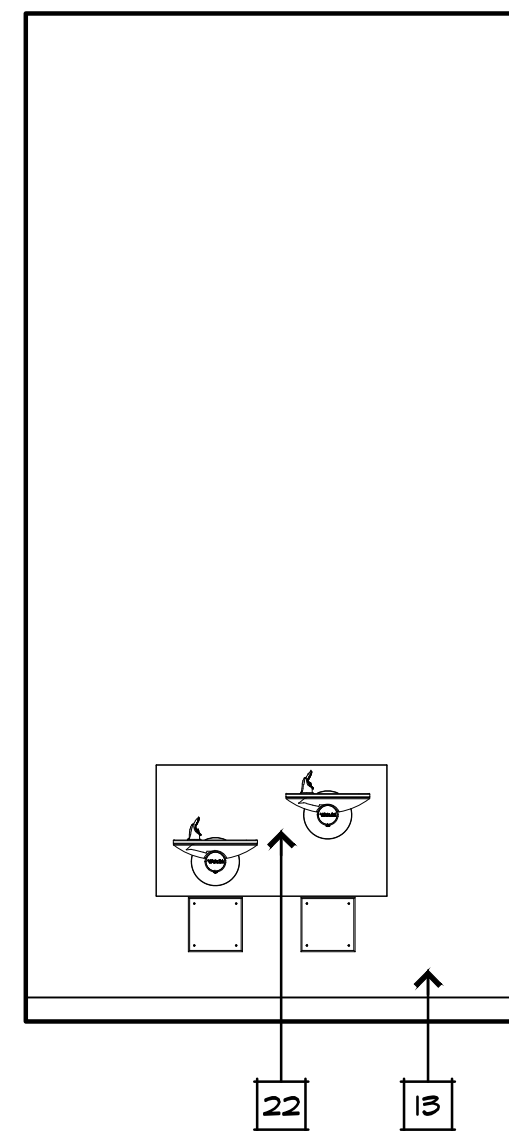
SCALE: 3/8"=1'-0"

# 1



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

# 2



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

# 3

## 0U20/T

25. BOBBICK B-547H OR APPROVED EQUAL.
26. SOFFIT (SEE PLAN FOR DEPTH).
27. RECESSED SINK OVER DISPENSER. BOBBICK B-501 OR APPROVED EQUAL.
28. FLEXIBLE HAND HELD SPRAYER UNIT, HANDLE TO BE SET AT 45°.
29. CONTROL AREA.
30. FOLDING SHOWER SEAT. BOBBICK B-582 OR APPROVED EQUAL.
31. FOLDING SHOWER SEAT. BOBBICK B-548 OR APPROVED EQUAL.
32. SHOWER HEAD.
33. FLUSH CONTROL LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
34. RECESSED MOUNTED SANITARY NAPKIN DISPOSAL. BOBBICK B-595 OR APPROVED EQUAL.
35. FLOOR MOUNTED TOILET. SEE PLUMBING PLANS.
36. WALL MOUNTED URINAL. SEE PLUMBING PLANS.
37. EXTERIOR FLUSHER. SEE PLUMBING PLANS.
38. UNDER COUNTER REFRIGERATOR (UNDER 34" COUNTERTOP).
39. REAR LOADING WALDBLOND.
40. DISHWASHER (UNDER 34" COUNTERTOP).
41. FLOOR SINK.
42. COUNTER MOUNTED LAVATORY.
43. KOALA KARE KB 300 HORIZONTAL SURFACE MOUNTED FOLD DOWN BARING CHANGING STATION OR APPROVED EQUAL.
44. SHOWER SEAT, SEE PLAN FOR HEIGHT.
45. BAR SINK.
46. REFRIGERATOR SPACE.
47. UTILITY SINK.
48. FIRE PLACE.
49. HARDWARE. HARDWARE SHALL PROVIDE FOR ACCESSIBLE ENTRY WHEN OPENED. TO KICK SHALL BE INTEGRAL WITH DOORS. HOT

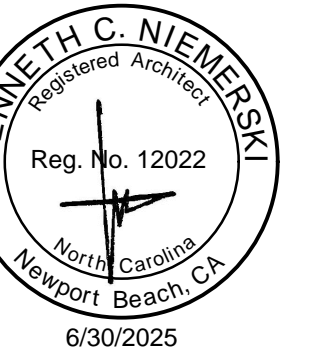
49. BENCH/TAKE THE SIGN SHALL BE EXTENDED TO THE WALL.
50. 30" BUILT-IN OVEN.
51. TRASH COMPACTOR (UNDER 34" COUNTERTOP).
52. WINE STORAGE UNITS.
53. 12" X 12" WASTE PAPER OPENING IN COUNTERTOP ABOVE WASTE PAPER BASKET.
54. BASIS OF DESIGN FOR USPS POSTAL COLLECTION/DELIVERY MODULE; SALSBUURY INDUSTRIES 3810D-10.
55. BUILT-IN TABLE.
56. WOOD FRAMED POSTAL BOX ENCLOSURE.

## 01/20/17

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- B. REFER TO INTERIOR DESIGN DRAWINGS FOR INFORMATION NOT SHOWN HERE.

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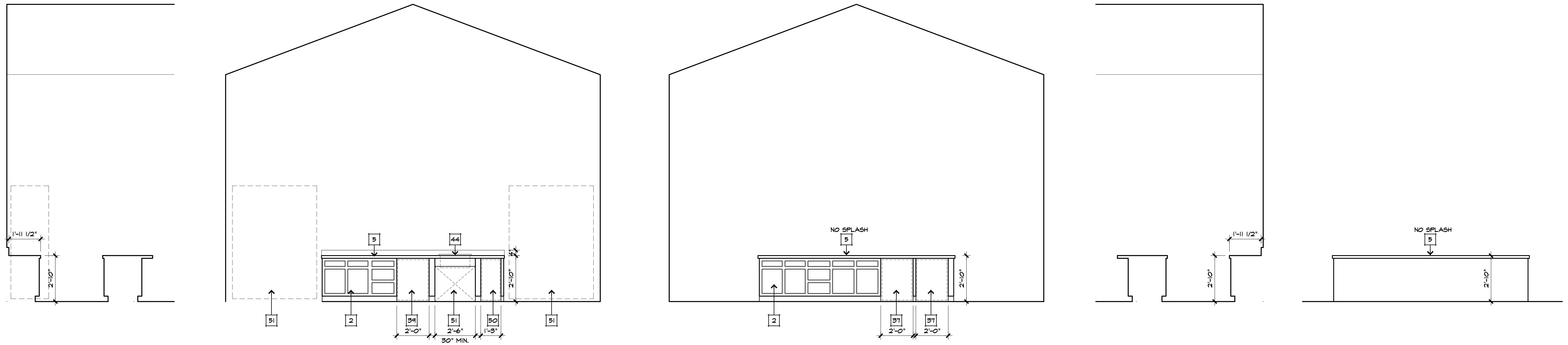




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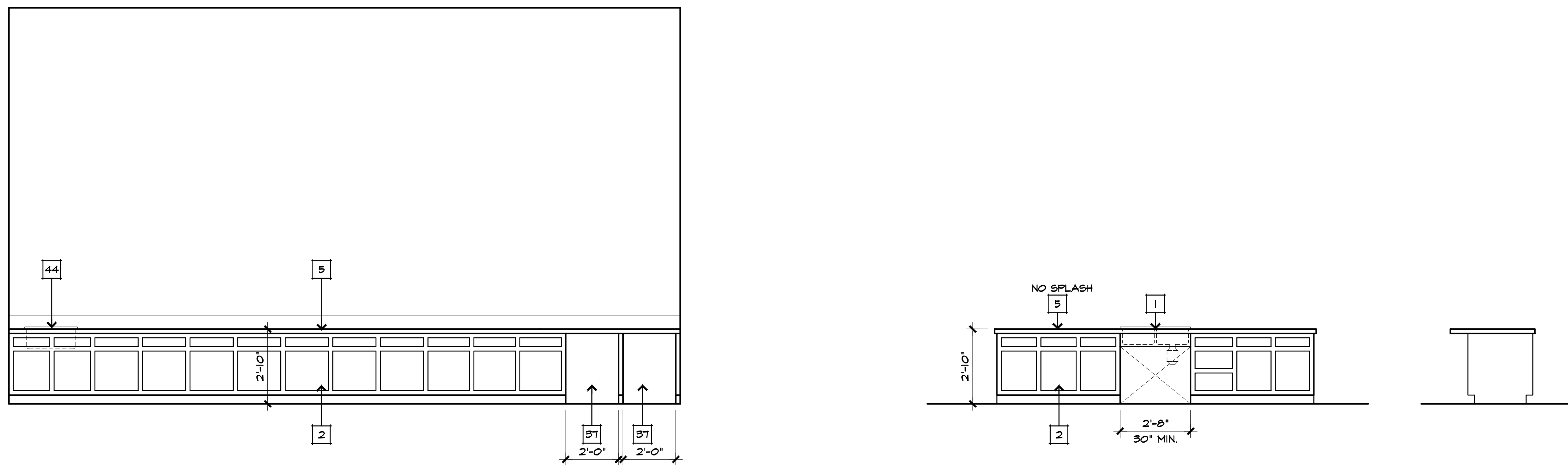
2007 100% מוצגים מוגנים | יצרן מוצגים מוגנים



## GAME ROOM KITCHEN

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

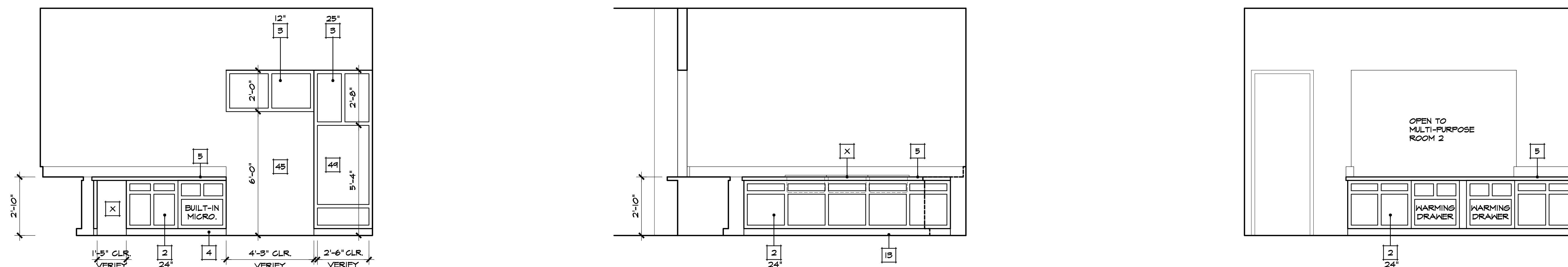
# 1



## OUTDOOR EVENT KITCHEN

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

2



## PREP KITCHEN

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

# 3

## INTERIOR ELEVATION NOTES

QV20/T

- |     |   |     |   |
|-----|---|-----|---|
| 2.  | SINK WITH GARAGEB DISPOSAL.   | 25. | BOBBICK B-3474 OR APPROVED EQUAL.   |
| 3.  | BASE CABINET (SEE ELEVATION FOR DEPTH).   | 26. | SOFFIT (SEE PLAN FOR DEPTH).  |
| 4.  | UPPER CABINET (SEE ELEVATION FOR DEPTH).  | 26. | RECESSED SINK COVER DISPENSER: BOBBICK B-301 OR APPROVED EQUAL.   |
| 5.  | 4" TOE SPACE (UNLESS NOTED OTHERWISE)   | 27. | FLEXIBLE HAND HELD SPRAYER UNIT, HANDLE TO BE SET AT 45°.   |
| 6.  | COUNTERTOP AND BACKSPLASH.  | 28. | CONTROL AREA.   |
| 7.  | DOOR SET SCHEDULE.  | 29. | FOLDING SHOWER SEAT: BOBBICK B-542 OR APPROVED EQUAL.   |
| 8.  | WINDOW SET SCHEDULE.  | 30. | FOLDING SHOWER SEAT: BOBBICK B-543 OR APPROVED EQUAL.   |
| 9.  | BASE REFER TO INTERIOR DESIGNER DRAWINGS.   | 31. | SHOWER HEAD.  |
| 10. | GASING REFER TO INTERIOR DESIGNER DRAWINGS.   | 32. | FLUSH CONTROL LOCATED ON THE OPEN SIDE OF THE WATER   |
| 11. | TILE BASE REFER TO INTERIOR DESIGNER DRAWINGS.  | 33. | B-555 OR APPROVED EQUAL.  |
| 12. | TILE FLOOR REFER TO INTERIOR DESIGNER DRAWINGS.   | 34. | FLOOR MOUNTED TOILET, SEE PLUMBING PLANS.   |
| 13. | TILE MAINS/COT REFER TO INTERIOR DESIGNER DRAWINGS.   | 35. | HALL MOUNTED URINAL, SEE PLUMBING PLANS.  |
| 14. | HALL TILE REFER TO INTERIOR DESIGNER DRAWINGS.  | 36. | EXTERIOR FLASING AND FINISHING.   |
| 15. | PAINT PARTITION: BOBBICK SERIES 1045 OR APPROVED EQUAL.   | 37. | UNDER COUNTER REFRIGERATOR (UNDER 34" COUNTERTOP).  |
| 16. | URINAL PARTITION: BOBBICK SERIES 1045 OR APPROVED EQUAL.  | 38. | REAR LANDING HOOKS.   |
| 17. | COUNTER MOUNTED SOAP DISPENSER: BOBBICK B-623 OR APPROVED EQUAL.  | 39. | DISHWASHER (UNDER COUNTERTOP).  |
| 18. | SEMI-RECESSED PAPER TOWEL DISPENSER W/ WASTE RECEPTACLE: BOBBICK B-3942 OR EQUAL.   | 40. | FLOOR SINK.   |
| 19. | RECESSED MOUNTED M-ROLL TOILET TISSUE DISPENSER: BOBBICK B-3848 OR APPROVED EQUAL.  | 41. | KOALA KARE KB 300 HORIZONTAL SURFACE MOUNTED FOLD DOWN SHOWER SEAT OR APPROVED EQUAL.                         |
| 20. | RECESSED MOUNTED M-ROLL TOILET TISSUE DISPENSER: BOBBICK B-3848 OR APPROVED EQUAL.  | 42. | SHOWER SEAT, SEE PLAN FOR HEIGHT.   |
| 21. | PARTITION MOUNTED SOAP DISPENSER, SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER: BOBBICK B-3574 OR APPROVED EQUAL. | 43. | BK SINK.  |
| 22. | PARTITION MOUNTED SOAP DISPENSER, SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER: BOBBICK B-3574 OR APPROVED EQUAL. | 44. | REFRIGERATOR SPACE.   |
| 23. | MIRROR, REFER TO INTERIOR DESIGNER DRAWINGS.  | 45. | UTILITY SINK.   |
| 24. | HIGH LOW DRINKING FOUNTAINS.  | 46. | FIREPLACE.  |
| 25. | 1 1/2" DIA. GRAB BAR, SEE PLAN FOR LENGTH.  | 47. | DOORS AND HARDWARE SHALL PROVIDE FOR ACCESSIBLE ENTRY WHEN OPENED. THE KICK SHALL BE INTEGRAL WITH DOORS. NOT |
| 26. | SURFACE MOUNTED SEAT COVER AND TOILET TISSUE DISPENSER.   |     |   |

### GENERAL INTERIOR NOTES

01/20/17

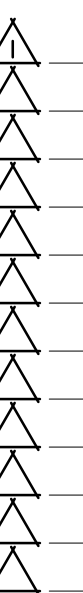
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49. 30" BUILT-IN OVEN.
50. TRASH COMPACTOR (UNDER 34" COUNTERTOP).
51. WINE STORAGE UNITS.
52. 12" X 12" WASTE PAPER OPENING IN COUNTERTOP ABOVE WASTE PAPER BASKET.
53. BASIS OF DESIGN FOR USPS POSTAL COLLECTION/DELIVERY MODULE: SALSBUURY INDUSTRIES 3810D-10.
54. BUILT-IN TABLE.
55. WOOD FRAMED POSTAL BOX ENCLOSURE.

## 1st PLAN CHECK

Date: 02-21-25

## REVISIONS



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CLUB HOUSE  
HARTNETT COUNTY  
NORTH CAROLINA**

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HOMES

## CLUB HOUSE

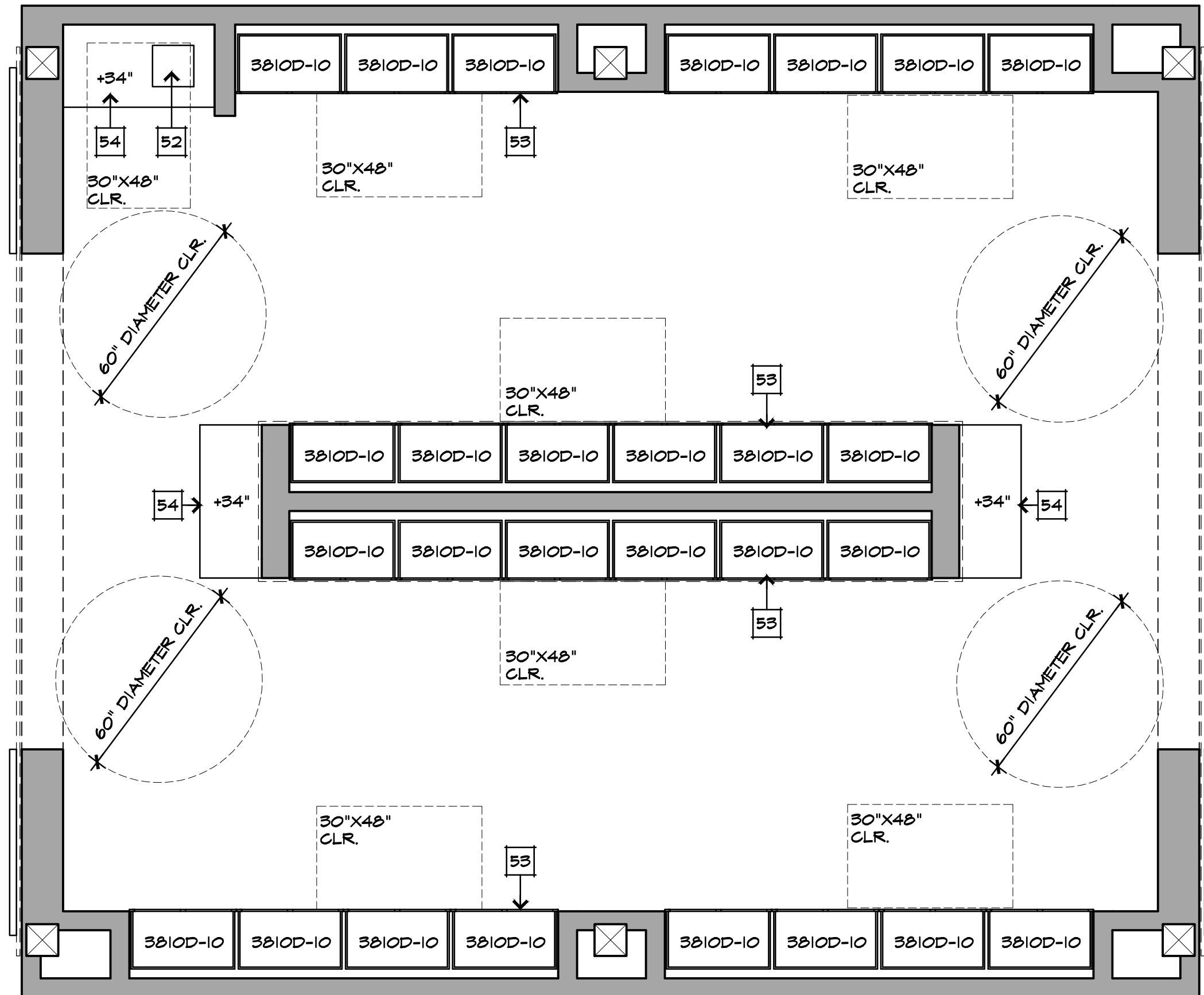
### INTERIOR ELEVATIONS

## A4.4

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FILE NAME: 4126\_A4\_01 INTE ELEVATIONS

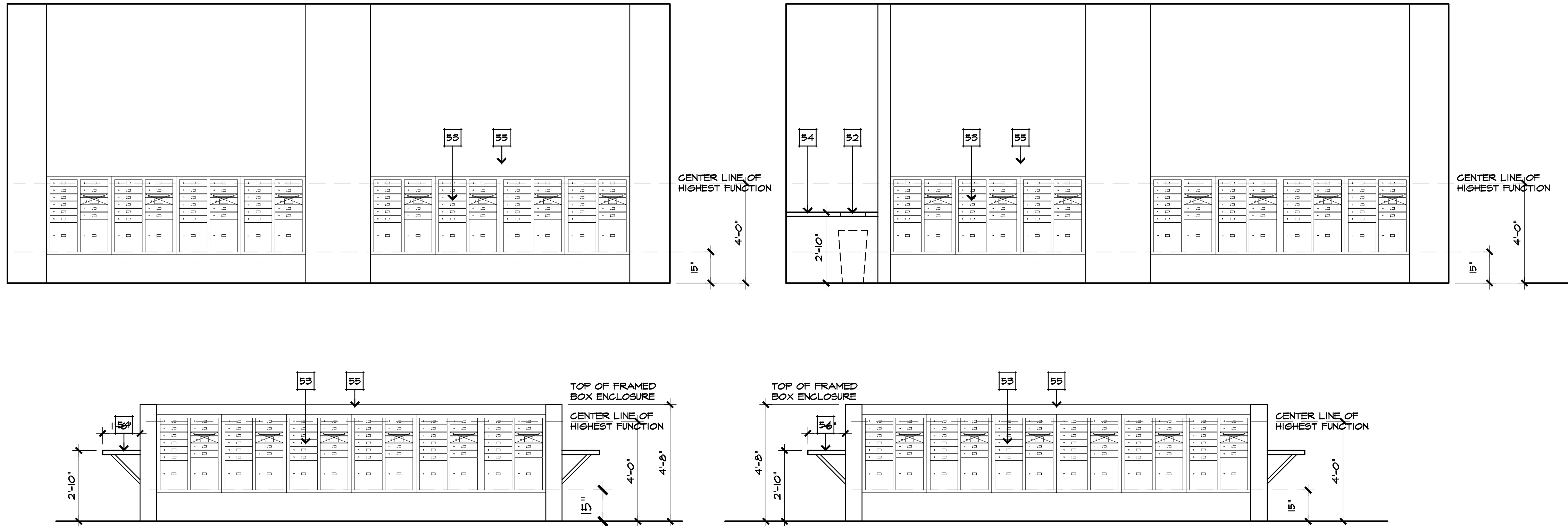




MAIL BLDG PLAN

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

1



MAIL BLDG ELEVATIONS

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

2

INTERIOR ELEVATION NOTES

01/20/17

1. SINK WITH GARBAGE DISPOSAL.
2. BASE CABINET (SEE ELEVATION FOR DEPTH).
3. UPPER CABINET (SEE ELEVATION FOR DEPTH).
4. 4" TOE SPACE (UNLESS NOTED OTHERWISE).
5. COUNTERTOP AND BACKSPLASH.
6. DOOR, SEE SCHEDULE.
7. WINDOW, SEE SCHEDULE.
8. BASE, REFER TO INTERIOR DESIGNER DRAWINGS.
9. CASING, REFER TO INTERIOR DESIGNER DRAWINGS.
10. TILE BASE, REFER TO INTERIOR DESIGNER DRAWINGS.
11. TILE FLOOR, REFER TO INTERIOR DESIGNER DRAWINGS.
12. TILE MAINSLOT, REFER TO INTERIOR DESIGNER DRAWINGS.
13. WALL TILE, REFER TO INTERIOR DESIGNER DRAWINGS.
14. TOILET PARTITION: BOBRICK SERIES 1041 OR APPROVED EQUAL.
15. URINAL PARTITION: BOBRICK SERIES 1045 OR APPROVED EQUAL.
16. COUNTER MOUNTED SOAP DISPENSER: BOBRICK B-823 OR APPROVED EQUAL.
17. SEMI-RECESSED PAPER TOWEL DISPENSER W/ WASTE RECEPTACLE: BOBRICK B-3442 OR EQUAL.
18. RECESSED MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER: BOBRICK B-5808 OR APPROVED EQUAL.
19. SURFACE MOUNTED SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER: BOBRICK B-3574 OR APPROVED EQUAL.
20. PARTITION MOUNTED SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER: BOBRICK B-3571 OR APPROVED EQUAL.
21. MIRROR, REFER TO INTERIOR DESIGNER DRAWINGS.
22. HIGH/ LOW DRINKING FOUNTAINS.
23. 1 1/2" DIA. GRAB BAR, SEE PLAN FOR LENGTH.
24. SURFACE MOUNTED SEAT COVER AND TOILET TISSUE DISPENSER.

25. BOBRICK B-3474 OR APPROVED EQUAL.
26. SOFFIT (SEE PLAN FOR DEPTH).
26. RECESSED SEAT COVER DISPENSER: BOBRICK B-301 OR APPROVED EQUAL.
27. FLEXIBLE HAND HELD SPRAYER UNIT, HANDLE TO BE SET AT 48" MAX.
28. CONTROL AREA.
29. FOLDING SHOWER SEAT: BOBRICK B-5142 OR APPROVED EQUAL.
30. FOLDING SHOWER SEAT: BOBRICK B-5143 OR APPROVED EQUAL.
31. SHOWER HEAD.
32. FLUSH CONTROL LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
33. RECESSED MOUNTED SANITARY NAPKIN DISPOSAL: BOBRICK B-555 OR APPROVED EQUAL.
34. FLOOR MOUNTED TOILET, SEE PLUMBING PLANS.
35. WALL MOUNTED URINAL, SEE PLUMBING PLANS.
36. EXTERIOR PLASTER, SEE ELEVATIONS.
37. UNDER COUNTER REFRIGERATOR (UNDER 34" COUNTERTOP).
38. REAR LOADING MAILBOXES.
39. DISHWASHER (UNDER 34" COUNTERTOP).
40. FLOOR SINK.
41. COUNTER MOUNTED LAVATORY.
42. KOALA KARE KB 300 HORIZONTAL SURFACE MOUNTED FOLD DOWN BABY CHANGING STATION OR APPROVED EQUAL.
43. SHOWER SEAT, SEE PLAN FOR HEIGHT.
44. BAR SINK.
45. REFRIGERATOR SPACE.
46. UTILITY SINK.
47. FIREPLACE.
48. DOORS AND HARDWARE SHALL PROVIDE FOR ACCESSIBLE ENTRY WHEN OPENED. TOE KICK SHALL BE INTEGRAL WITH DOORS. HOT

WATER AND DRAIN PIPES EXPOSED UNDER SINK SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE SINK. THE FINISHED FLOOR BENEATH THE SINK SHALL BE EXTENDED TO THE WALL.

44. 30" BUILT-IN OVEN.- 45. TRASH COMPACTOR (UNDER 34" COUNTERTOP).
- 51. NINE STORAGE UNITS.
- 52. 12" X 12" WASTE PAPER OPENING IN COUNTERTOP ABOVE WASTE PAPER BASKET.
- 53. BASIS OF DESIGN FOR USPS POSTAL COLLECTION/DELIVERY MODULE: SALISBURY INDUSTRIES 3810D-10.
- 54. BUILT-IN TABLE.
- 55. WOOD FRAMED POSTAL BOX ENCLOSURE.

GENERAL INTERIOR NOTES

01/20/17

- A. CABINET DRAWINGS ARE FOR SCHEMATIC USE ONLY. REFER TO BUILDER SPECIFICATIONS AND SHOP DRAWINGS BY CABINET MANUFACTURER FOR FURTHER INFORMATION.
- B. REFER TO INTERIOR DESIGN DRAWINGS FOR INFORMATION NOT SHOWN HERE.

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Date: 02-21-25

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**ALTIS SERENITY  
CLUB HOUSE**  
HARTNETT COUNTY  
NORTH CAROLINA

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**MAIL BUILDING  
ACCESSIBILITY PLAN AND  
INTERIOR ELEVATIONS**

**A4.5**

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NORTH CAROLINA**

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HOMES

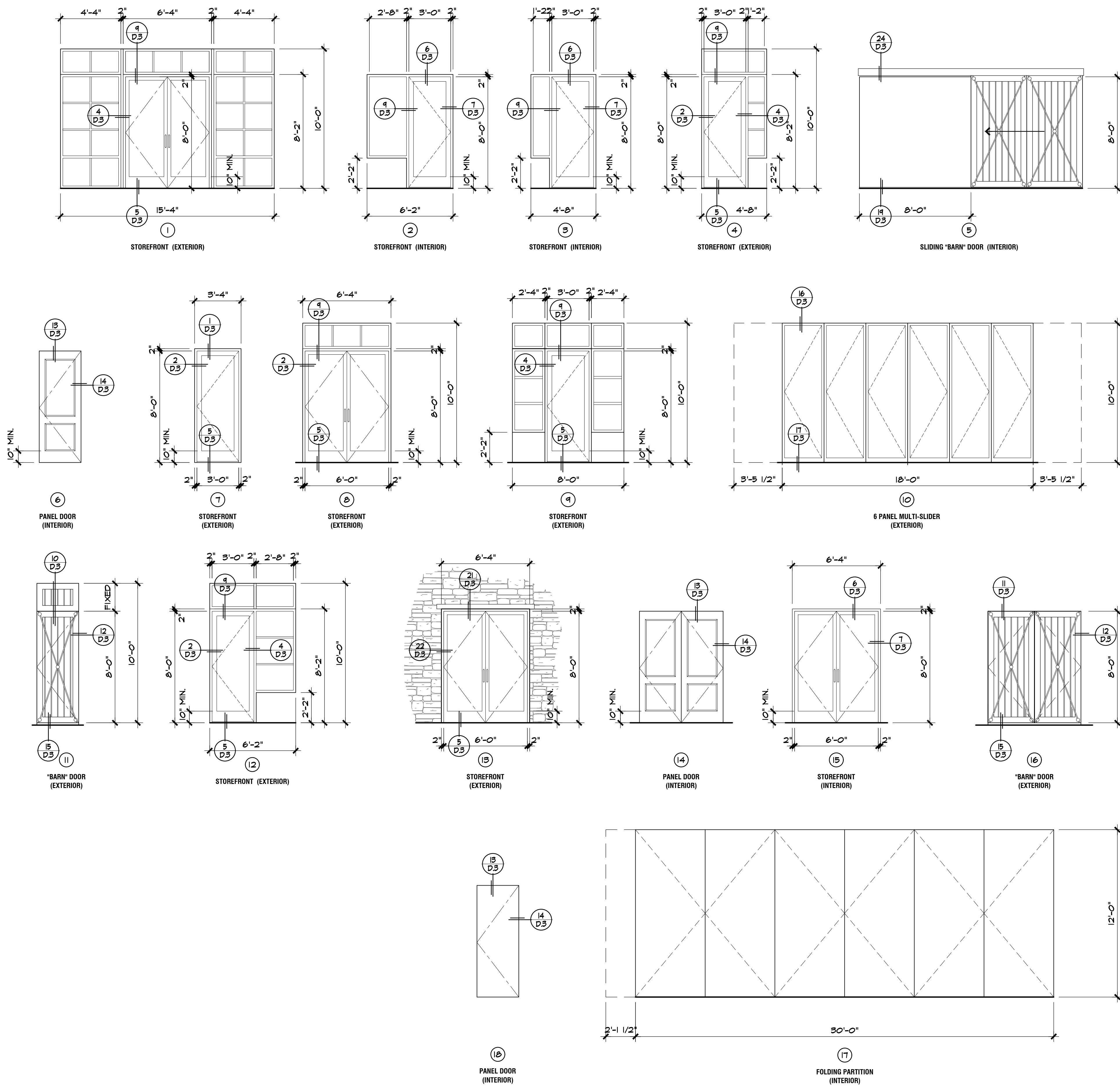
## SCHEDULES FINISH

## A5.0

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## DOOR TYPES



DOOR OPENING WIDTH AND HEIGHT:  
THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD THEREOF AND SHALL PROVIDE A MINIMUM CLEAR OPENING WIDTH OF 32 INCHES. THE MINIMUM CLEAR OPENING HEIGHT OF DOORS SHALL BE NOT LESS THAN 80 INCHES. (I.B.C. 1010.1.1)

**LOCKS AND LATCHES**

A MAIN EXIT OF GROUP 'A' OCCUPANCY SHALL BE PERMITTED TO BE LOCKING IN ACCORDANCE WITH I.B.C. 1001.9.4 ITEM 2. LOCKING SHALL BE LIMITED TO OCCUPANCY GROUP 'A' HAVING AN INSTANT LOAD OF 800 OR LESS. THE MAIN DOOR OR DOOR FRAME SHALL BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICE FROM EGRESS SIDE PROVIDED:

- 2.1. THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED.
- 2.2. A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING:  
"THIS DOOR TO REMAIN UNLOCKED WHEN THE LOCKED SIGN IS ON THE DOOR"

THE SIGN SHALL BE IN LETTERS 1 INCH (25 MM) HIGH ON A CONTRASTING BACKGROUND.

NOTES:

- 1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. (I.B.C. 1010.1.9)
- 2. DOOR HANDLES, PULLS, LEVERS, LOOKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINGCH OR TWISTING OF THE WRIST TO OPERATE. (I.B.C. 1010.1.1)
- 3. DOOR HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES AND 48 INCHES ABOVE THE FLOOR.
- 4. INTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 5 lbf.
- 5. SAFETY GLazing SHALL BE IDENTIFIED WITH PERMANENT IDENTIFICATION PER I.B.C. 2403.1.
- 6. ALL GLAZING IN DOORS TO BE TEMPERED.
- 7. WHERE REQUIRED BY CODE, SIDE-LITES AND WINDOWS ADJACENT TO A DOOR SHALL BE TEMPERED.

## DOOR SCHEDULE

DOOR NO.		REFER TO FLOOR PLAN		DOOR				FRAME			HARDWARE SET		FIRE RATED		PANIC HARDWARE		U-FACTOR		SHGC		VT		REMARKS													
				SIZE		MATERIAL		DETAILS		MATERIAL																										
				WIDTH	HEIGHT	THICKNESS	DOOR TYPE	STOREFRONT	HOLLOW METAL	SOLID CORE WOOD																	CUSTOM "BARN"	MULTI-SLIDER	FOLDING PARTITION	HEAD	JAMB	THRESHOLD	ALUMINUM	HOLLOW METAL	WOOD	CUSTOM "BARN"
1	15'-4"	10'-0"	1-3/4"	1	●					4/D3	4/D3	4/D3	●								●															
2	6'-2"	8'-2"	1-3/4"	2	●					6/D3	2/D3	--	●								●															
3	4'-8"	8'-2"	1-3/4"	3	●					6/D3	2/D3	--	●								●															
4	4'-8"	10'-0"	1-3/4"	4	●					4/D3	2/D3	5/D3	●								●															
5	8'-0"	8'-0"	1-3/4"	5				●		24/D3	--	14/D3					●																			
6	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--		●								●														
7	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--		●								●														
8	3'-4"	8'-2"	1-3/4"	7	●					1/D3	2/D3	5/D3		●							●	●														
9	15'-4"	10'-0"	1-3/4"	1	●					4/D3	4/D3	4/D3		●							●															
10	6'-4"	10'-0"	1-3/4"	8	●					4/D3	2/D3	5/D3		●							●															
11	8'-0"	10'-0"	1-3/4"	4	●					4/D3	4/D3	5/D3		●							●															
12	18'-0"	10'-0"	1-3/4"	10						6/D3	--	17/D3		●							●															
13	3'-0"	10'-0"	1-3/4"	11			●			10/D3	12/D3	5/D3		●																						
14	3'-0"	10'-0"	1-3/4"	11			●			10/D3	12/D3	5/D3		●																						
15	6'-2"	10'-0"	1-3/4"	12	●					4/D3	2/D3	5/D3		●							●															
16	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
17	6'-4"	10'-0"	1-3/4"	8	●					4/D3	2/D3	5/D3		●							●															
18	6'-4"	8'-2"	1-3/4"	13	●					21/D3	22/D3	5/D3		●			●				●															
19	6'-0"	8'-0"	1-3/4"	14			●			13/D3	4/D3	--				●																				
20	12'-0"	30'-0"	1-3/4"	17					●					●																						
21	6'-0"	8'-0"	1-3/4"	14			●			13/D3	4/D3	--				●																				
22	6'-0"	8'-0"	1-3/4"	14			●			13/D3	4/D3	--				●																				
23	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●						●														
24	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●						●														
25	6'-4"	8'-0"	1-3/4"	15	●					11/D4	12/D4	15/D4		●							●															
26	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
27	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
28	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
29	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
RECREATION BUILDING																																				
1	15'-4"	10'-0"	1-3/4"	1	●					4/D3	4/D3	4/D3	●								●															
2	6'-2"	8'-2"	1-3/4"	2	●					6/D3	2/D3	--	●								●															
3	4'-8"	8'-2"	1-3/4"	3	●					6/D3	2/D3	--	●								●															
4	4'-8"	10'-0"	1-3/4"	4	●					4/D3	2/D3	5/D3	●								●															
5	8'-0"	8'-0"	1-3/4"	5				●		24/D3	--	14/D3					●																			
6	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--		●								●														
7	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--		●								●														
8	3'-4"	8'-2"	1-3/4"	7	●					1/D3	2/D3	5/D3		●							●	●														
9	15'-4"	10'-0"	1-3/4"	1	●					4/D3	4/D3	4/D3		●							●															
10	6'-4"	10'-0"	1-3/4"	8	●					4/D3	2/D3	5/D3		●							●															
11	8'-0"	10'-0"	1-3/4"	4	●					4/D3	4/D3	5/D3		●							●															
12	18'-0"	10'-0"	1-3/4"	10						6/D3	--	17/D3		●							●															
13	3'-0"	10'-0"	1-3/4"	11			●			10/D3	12/D3	5/D3		●																						
14	3'-0"	10'-0"	1-3/4"	11			●			10/D3	12/D3	5/D3		●																						
15	6'-2"	10'-0"	1-3/4"	12	●					4/D3	2/D3	5/D3		●							●															
16	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
17	6'-4"	10'-0"	1-3/4"	8	●					4/D3	2/D3	5/D3		●							●															
18	6'-4"	8'-2"	1-3/4"	13	●					21/D3	22/D3	5/D3		●			●				●															
19	6'-0"	8'-0"	1-3/4"	14			●			13/D3	4/D3	--				●																				
20	12'-0"	30'-0"	1-3/4"	17					●					●																						
21	6'-0"	8'-0"	1-3/4"	14			●			13/D3	4/D3	--				●																				
22	6'-0"	8'-0"	1-3/4"	14			●			13/D3	4/D3	--				●																				
23	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●						●														
24	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●						●														
25	6'-4"	8'-0"	1-3/4"	15	●					11/D4	12/D4	15/D4		●							●															
26	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
27	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
28	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
29	3'-0"	8'-0"	1-3/4"	6			●			13/D3	4/D3	--				●																				
POOL EQUIPMENT BUILDING																																				
30	6'-0"	8'-0"	1-3/4"	16				●		11/D3	12/D3	15/D3				●						●														
31	3'-6"	7'-0"	1-3/4"	18			●			13/D3	4/D3	--				●						●														



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## 1st PLAN CHECK

Date: 02-21-25

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CLUB HOUSE  
HARTNETT COUNTY  
NORTH CAROLINA**

tri pointe<sup>®</sup>  
HOMES

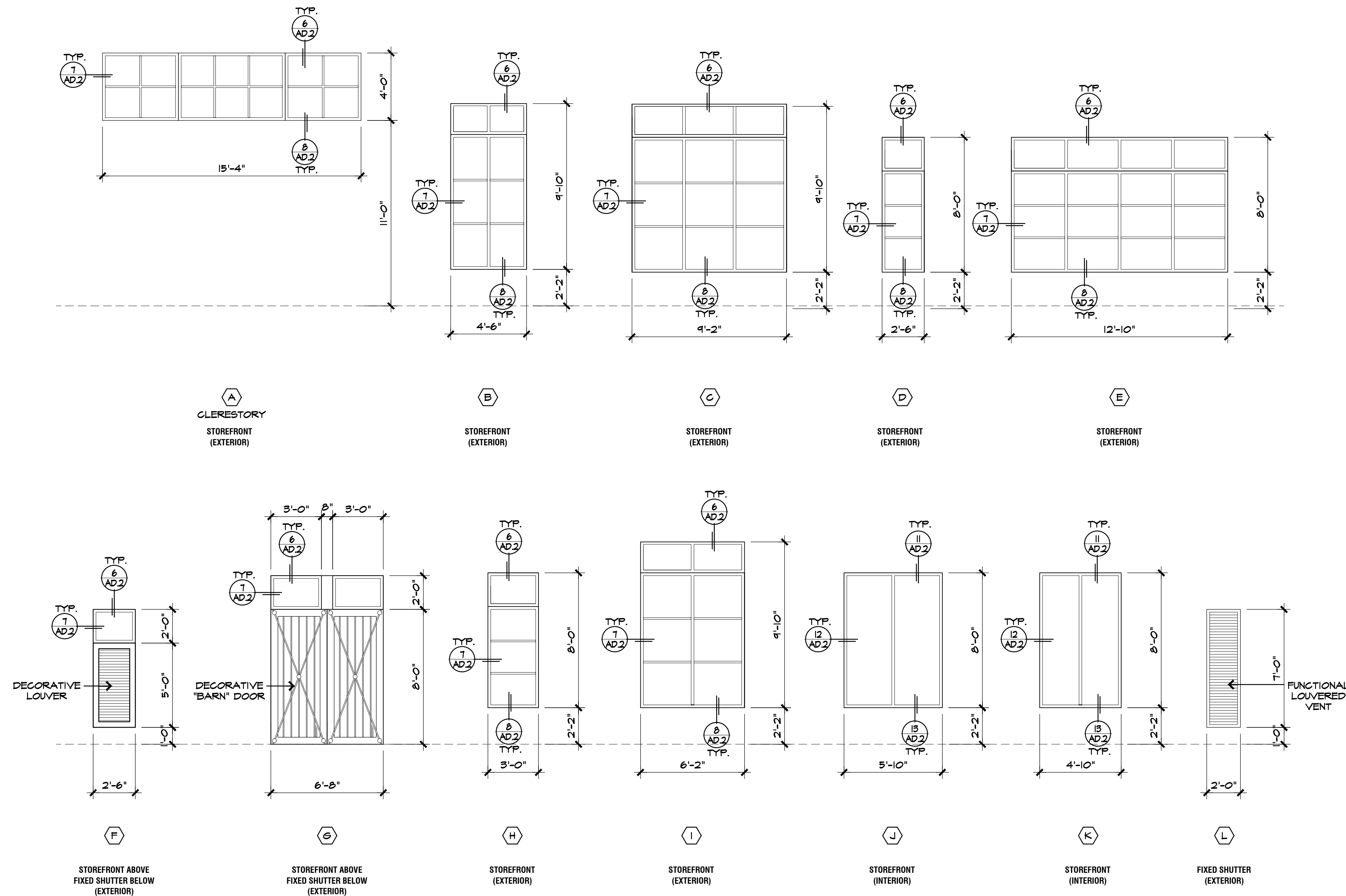
## SCHEDULES

## A5.1

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## WINDOW TYPES



## WINDOW SCHEDULE

[illegible]

NOTE:  
1. SAFETY GLAZING SHALL BE PROVIDED WITH PERMANENT IDENTIFICATION PER I.B.C. 2403.1.



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## SCHEDULES

### WINDOW SCHEDULE

## A5.2

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Architectural elevation drawing of a building facade. The drawing shows a vertical section with a door and a window. Callouts 6, 9, and 12 point to different parts of the wall and door assembly. Callout A points to a circular feature on the door. The word "ELEVATION" is written at the bottom.

## ROOF BRACE

1 26 GA. G.I. FLASHING

2 EXTERIOR FINISH

3 G.I. GUTTER w/ 1/4" CORROSION RESISTANT WIRE MESH OVER ENTIRE OPEN AREA TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS. MESH MUST BE REMOVABLE FOR CLEANING. PROVIDE G.I. DOWNSPOUT.

4 ROOF FRAMING (SEE STRUCTURAL)

5 2X VERTICAL LEDGER (SEE ELEVATION)

6 4X4 ANGLED KICK BRACE

7 2X BLOCKING

8 1X STARTER BOARD AT OVERHANG

9 "ZIP SYSTEM" EXTERIOR WALL SHEATHING

10 VENTILATION HOLES IN 2X EAVE BLOCKING & LEDGE PER ATTIC VENTILATION NOTE ON ROOF PLAN

2'-6"

**ROOF BRACE** SCALE : 1" = 1'-0"

1 ROOF FRAMING (SEE STRUCTURAL)

2X WALL FRAMING PER STRUCTURAL

3 ROOF MATERIAL, UNDERLAYMENT AND FLASHING-SEE ROOF MATERIAL DETAIL 2/D.1

4 2X EAVE BLOCKING W/ EAVE VENT HOLES PER ROOF PLAN/ VENTILATION NOTES.

5 26 GA. G.I. DRIP EDGE FLASHING

6 2XB FASCIA

7 ADHERED MANUFACTURED STONE VENEER PER EXTERIOR ELEVATIONS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

8 CONTINUOUS SOFFIT W/ PRE-DRILLED ATTIC VENTILATION HOLES AS REQUIRED. SEE ROOF PLAN FOR ADDITIONAL NOTES REGARDING SIZE AND PROTECTION OF OPENINGS. INSTALL PER MFR.

9 WATER RESISTANT PAPER (60 MINUTE GRADE 15' MIN.)

10 ZIP SYSTEM® EXTERIOR WALL SHEATHING

11 CONTINUOUS SOFFIT VENT PROVIDING FREE VENTILATION AREA PER NOTES ON ROOF PLAN.

REFER TO ROOF PLAN

REFER TO STRUCT. DINGS FOR SHEAR REQUIREMENTS.

**EAVE AT WALL** AT STONE VENEER SCALE : 1 1/2" = 1'-0" **17**

- ① DESIGNED WOOD ROOF TRUSSES
- ② WALL BEYOND ( SEE PLANS)
- ③ ROOF MATERIAL, UNDERLAYMENT, AND FLASHING-SEE  
ROOF MATERIAL DETAIL 2/D.1 AT METAL ROOFING  
AND DETAIL 12/D.1 AT COMPOSITION ASPHALT  
SHINGLE ROOFING
- ④ CEMENTITIOUS SOFFIT MATERIAL W/ VENTING HOLES,  
INSTALL PER MFR.
- ⑤ 2X6 BARGE (SEE ELEVATION)
- ⑥ ADHERED MANUFACTURED STONE  
VENISER PER EXTERIOR ELEVATIONS.  
INSTALL PER MANUFACTURER'S  
RECOMMENDATIONS.
- ⑦ 26 GA. G.I. DRIP
- ⑧ INTERIOR WALL FINISH AT INTERIOR SPACES
- ⑨ 'ZIP SYSTEM' EXTERIOR WALL SHEATHING

**RAKE**  
AT METAL ROOF FINISH

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

19

[illegible]

The diagram illustrates the assembly of a roof gable end, showing the roof slope, vertical gable wall, and horizontal siding. Numbered callouts 1 through 11 indicate the sequence of components to be installed, from the structural framing to the final exterior finish. The components include roof framing, wall framing, roof material, underlayment, flashing, eave blocking, drip edge, cementitious siding, cementitious soffit, water-resistant paper, and ZIP system exterior wall sheathing. A dimension line indicates the roof pitch, and a note refers to the roof plan for further details.

- 1 ROOF FRAMING (SEE STRUCTURAL)
- 2 X1 WALL FRAMING PER STRUCTURAL
- 3 ROOF MATERIAL, UNDERLAYMENT, AND FLASHING-SEE ROOF MATERIAL DETAIL 2/D.1
- 4 2X EAVE BLOCKING W/ EAVE VENT HOLES PER ROOF PLAN VENTILATION NOTES.
- 5 26 GA. G.I. DRIP EDGE FLASHING
- 6 2XB FASCIA
- 7 CEMENTITIOUS SIDING PER EXTERIOR ELEVATIONS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 8 CEMENTITIOUS SOFFIT W/ PRE-DRILLED ATTIC VENTILATION HOLES AS REQUIRED. SEE ROOF PLAN FOR ADDITIONAL NOTES REGARDING SIZE AND PROTECTION OF OPENINGS. INSTALL PER MFR.
- 9 WATER RESISTANT PAPER (60 MINUTE GRADE 'D' MIN)
- 10 'ZIP SYSTEM' EXTERIOR WALL SHEATHING.
- 11 CONTINUOUS SOFFIT VENT PROVIDING FREE VENTILATION AREA PER NOTES ON ROOF PLAN.

REFER TO ROOF PLAN

REFER TO STRUCT. DWGS. FOR SHEAR REQUIREMENTS.

**EAVE AT WALL** AT CEMENTITIOUS SIDING SCALE : 1 1/2" = 1'-0" **12**

- 1 DESIGNED WOOD ROOF TRUSSES
- 2 WALL BEYOND (SEE PLANS)
- 3 ROOF MATERIAL, UNDERLAYMENT, AND FLASHING-SEE  
ROOF MATERIAL DETAIL 2/D AT METAL ROOFING  
AND DETAIL 12/D AT COMPOSITION ASPHALT  
SHINGLE ROOFING
- 4 CEMENTITIOUS SOFFIT MATERIAL W/ VENTING HOLES,  
INSTALL PER MFR.
- 5 2X6 BARGE (SEE ELEVATION)
- 6 CEMENTITIOUS SIDING,  
OVER 60 MIN. BUILDING PAPER,  
INSTALL PER MFR.
- 7 26 GA. G.I. DRIP
- 8 CEMENTITIOUS TRIM BOARD AT MATERIAL TRANSITIONS
- 9 INTERIOR WALL FINISH AT INTERIOR SPACES
- 10 1"PI SYSTEM EXTERIOR WALL S/ SHIFTING

**RAKE**  
AT METAL ROOF FINISH

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

**14**

① FALSE GABLE END VENT  
(SEE ELEV. FOR SIZE)

② SYNTHETIC STONE  
VENIER, INSTALL PER  
MFR.

③ LINE OF ROOF SHEATHING

④ 2X2 CEMENTITIOUS TRIM

SEE ELEV.

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


**15**

- ① 24 GA. G.I. VALLEY FLASHING MIN. 1/2" CRIMPED EDGES (EXTEND 1" PAST EAVE), APPLY SEALANT BETWEEN LAPS
- ② LAYERS ROOFING UNDERLAYMENT
- ③ 30# SWEAT SHEET UNDER FLASHING MIN. 36" WIDE.
- ④ SECURE VALLEY FLASHING AT MAX. 24" O.C. W/CLIPS FABRICATED OF SIMILAR OR COMPATIBLE MATERIAL. DO NOT NAIL FELT BATTENS OR ROOFING THROUGH VALLEY FLASHING. APPLY ROOFING CEMENT OVER EXPOSED FASTENERS
- ⑤ SHEET METAL ROOF  
INSTALL PER MANUF. APPLICATION MANUAL

ALL CORNER PIECES TO BE MECHANICALLY FASTENED AND FULLY SOLDERED

VALLEY FLASHING METAL ROOF SCALE: 1/2"=1'-0" 7

- ① D2 LAYERS UNDERLAYMENT (30lb.  
ASTM F87 MIN.)
- ② WATER-RESISTANT PAPER (60  
MINUTE, GRADE D' MIN/MIN)
- ③ 24 GA. CORROSION RESISTANT  
METAL ROOF TO WALL FLASHING  
SYSTEM PER MANUF. APPLICATION  
MANUAL.
- ④ HARDIE VERTICAL SIDING
- ⑤ MIN. 24 GA. STANDING SEAM SHEET METAL  
ROOF SYSTEM INSTALLED PER MANUFACTURER'S  
APPLICATION MANUAL. (SEE ROOF PLAN NOTES  
FOR ADD'L INFORMATION)

AT HEAD WALL	
<b>ROOF TO WALL FLASHING</b> METAL ROOF AT BOARD AND BATTEN	SCALE: 1/2" = 1'-0" <div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; font-size: 24px; font-weight: bold;">9</div>

**STANDARD EAVE**

**STANDARD RAKE**

1. MIN. 24 GA. STANDING SEAM SHEET METAL ROOF SYSTEM INSTALLED PER MANUFACTURER'S APPLICATION MANUAL (SEE ROOF PLAN NOTES FOR ADD'L INFORMATION)

2. 12" LAYERS 30LB A.S.T.M. ROOFING UNDERLAYMENT SELF-ADHERED

3. 3/4" ROOF EDGE METAL AND DRIP SYSTEM INSTALLED PER MANUF. APPLICATION MANUAL

4. PANEL CLIPS AND FASTENERS INSTALLED PER MANUF. APPLICATION MANUAL

5. 6/1. GUTTER AND DOWNSPOUT

6. REFER TO SPECIFIC EAVE AND RAKE DETAILS FOR ROOF SHEATHING AND OVERHANG INFORMATION

18" (U.N.O. ON ROOF PLAN)

12" (U.N.O. ON ROOF PLAN)

REFER TO SPECIFIC ROOFING DETAILS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.

<b>GENERAL ROOF ASSEMBLY</b> METAL ROOF	<b>2</b> SCALE : 1 1/2" = 1'-0"
--	------------------------------------

- ① VENTED RIDGE CAP INSTALLED PER MANUF. APPLICATION SPECIFICATIONS (SEE ROOF PLAN NOTES FOR ADDITIONAL INFORMATION)
- ② LAYERS UNDERLAYMENT (MIN. 30 LB. A.S.T.M. FELT)-SELF-ADHERED
- ③ ROOF SHEATHING HELD BACK TO ALLOW FOR ATTIC VENTILATION. VERIFY OFFSET PER MANUF. RECOMMENDATION. (SEE STRUCTURAL)
- ④ MIN. 24 GA. STANDING SEAM SHEET METAL ROOF SYSTEM INSTALLED PER MANUFACTURER'S APPLICATION MANUAL. (SEE ROOF PLAN NOTES FOR ADD'L INFORMATION)

**RIDGE CAP**  
METAL ROOF

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

**4**

- ① PIPE, SEE PLUMBING DRAWINGS
- ② SEALANT
- ③ BACKER ROD
- ④ RUBBERIZED FOOT FLASHING  
INSTALLED PER MANUF.  
RECOMMENDATIONS
- ⑤ METAL ROOF PANEL SEE ROOF NOTES
- ⑥ LAYERS ROOFING UNDERLAYMENT
- ⑦ PLYWOOD DECK, SEE STRUCTURAL  
DRAWINGS
- ⑧ VENT GAP, ATTACH TO PIPE DO NOT  
FASTEN TO METAL PIPE FLASHING TO  
ALLOW FOR BUILDING SHRINKAGE  
MOVEMENT
- ⑨ FASTENERS SET ON APPROVED  
SEALANT INSTALL PER MANUF.  
RECOMMENDATIONS DO NOT PENETRATE  
SUBSTRATE

① PIPE, SEE PLUMBING DRAWINGS

② SEALANT

③ BACKER ROD

④ RUBBERIZED FOOT FLASHING  
INSTALLED PER MANUF.  
RECOMMENDATIONS

⑤ METAL ROOF PANEL SEE ROOF NOTES

⑥ LAYERS ROOFING UNDERLAYMENT


⑦ PLYWOOD DECK, SEE STRUCTURAL  
DRAWINGS

⑧ VENT GAP, ATTACH TO PIPE DO NOT  
FASTEN TO METAL PIPE FLASHING TO  
ALLOW FOR BUILDING SHRINKAGE  
MOVEMENT

⑨ FASTENERS SET ON APPROVED  
SEALANT INSTALL PER MANUF.  
RECOMMENDATIONS DO NOT PENETRATE  
SUBSTRATE

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

5



**Bassenian | Lagoni**  
ARCHITECTURE • PLANNING • INTERIORS  
2031 ORCHARD DRIVE | NEWPORT BEACH, CA 92660  
T 949.553.5100 F 949.553.0548

## 1st PLAN CHECK

Date: 02-21-25

**REVISIONS**

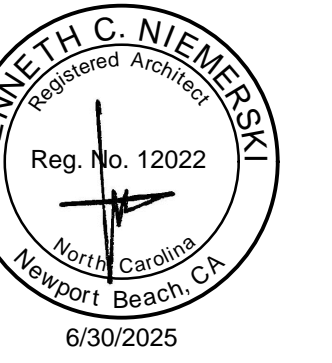
**ALTIS SEREN  
CLUB HOUS  
HARTNETT COUN  
NORTH CAROLIN**

tri point  
HOM

**DETAILS**  
NOTE: REFER TO  
GENERAL NOTES SHEET  
FOR FURTHER INFORMATION

**AD.1**  
JOB NUMBER: 667-24126  
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BASSENIAN LAGONI ARCHITECTS





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ARCHITECTURE • PLANNING • INTERIORS  
2031 ORCHARD DRIVE | NEWPORT BEACH, CA 92660  
T 949.553.9100 F 949.553.0548

**PLAN CHECK**  
Date: 02-21-25  
**REVISIONS**

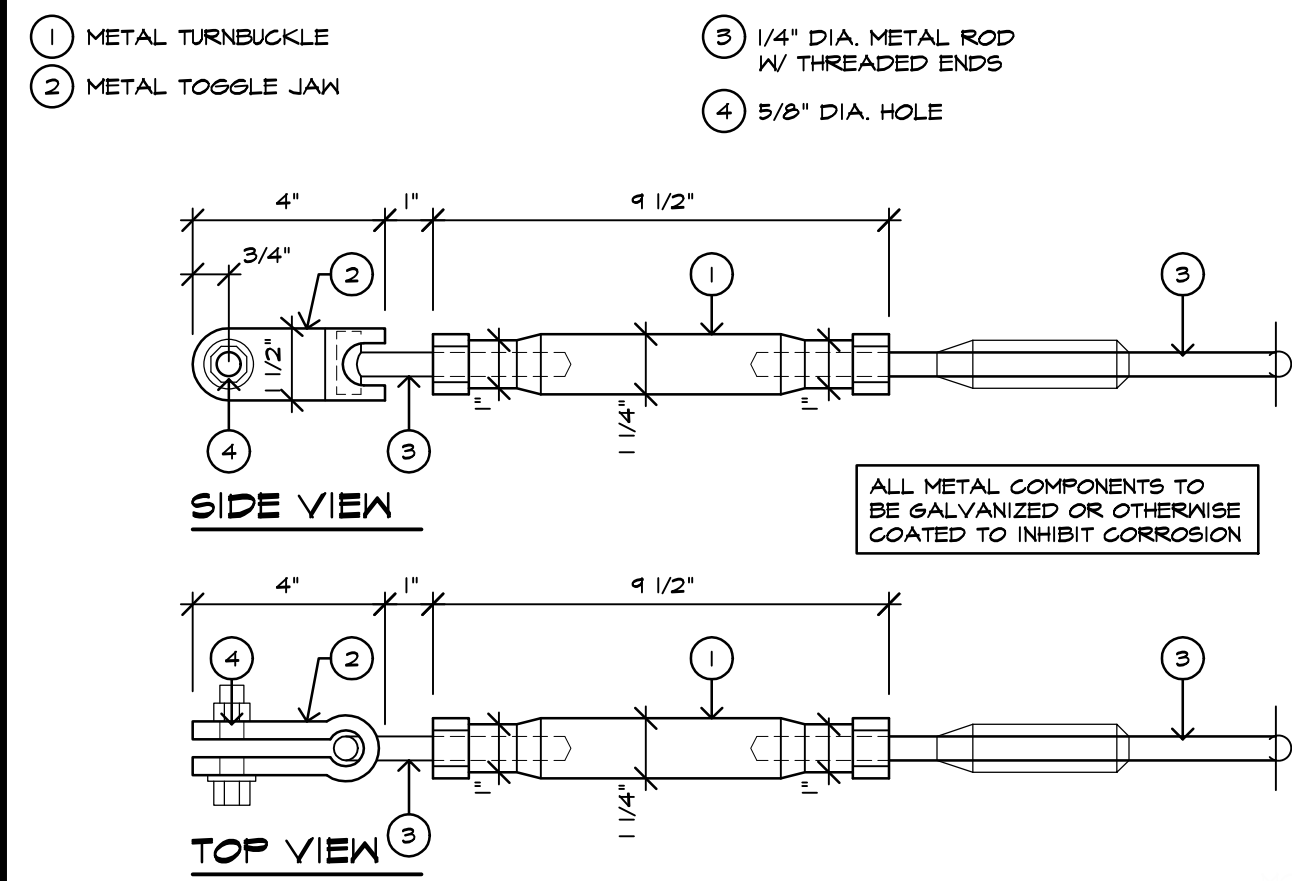
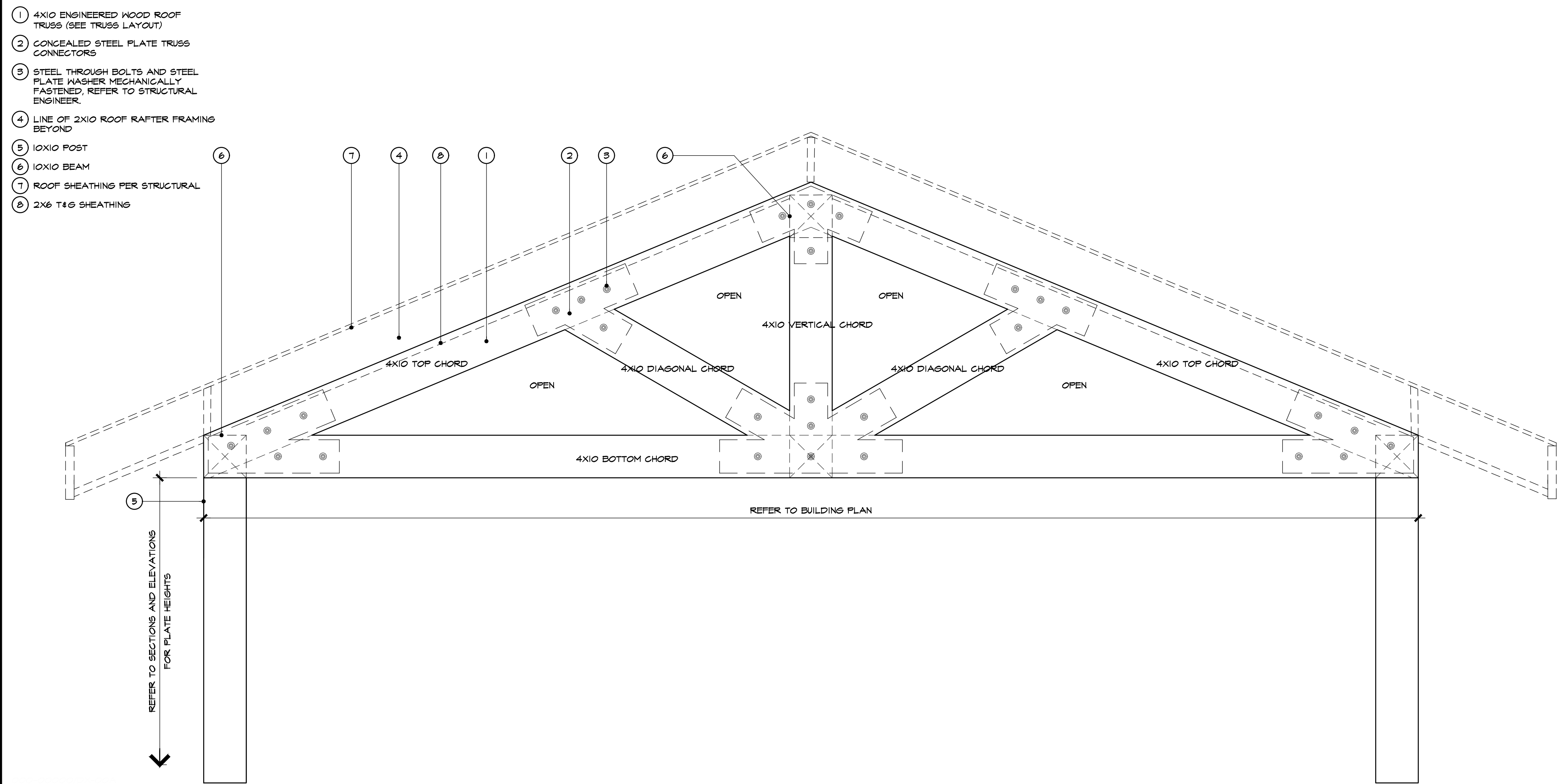
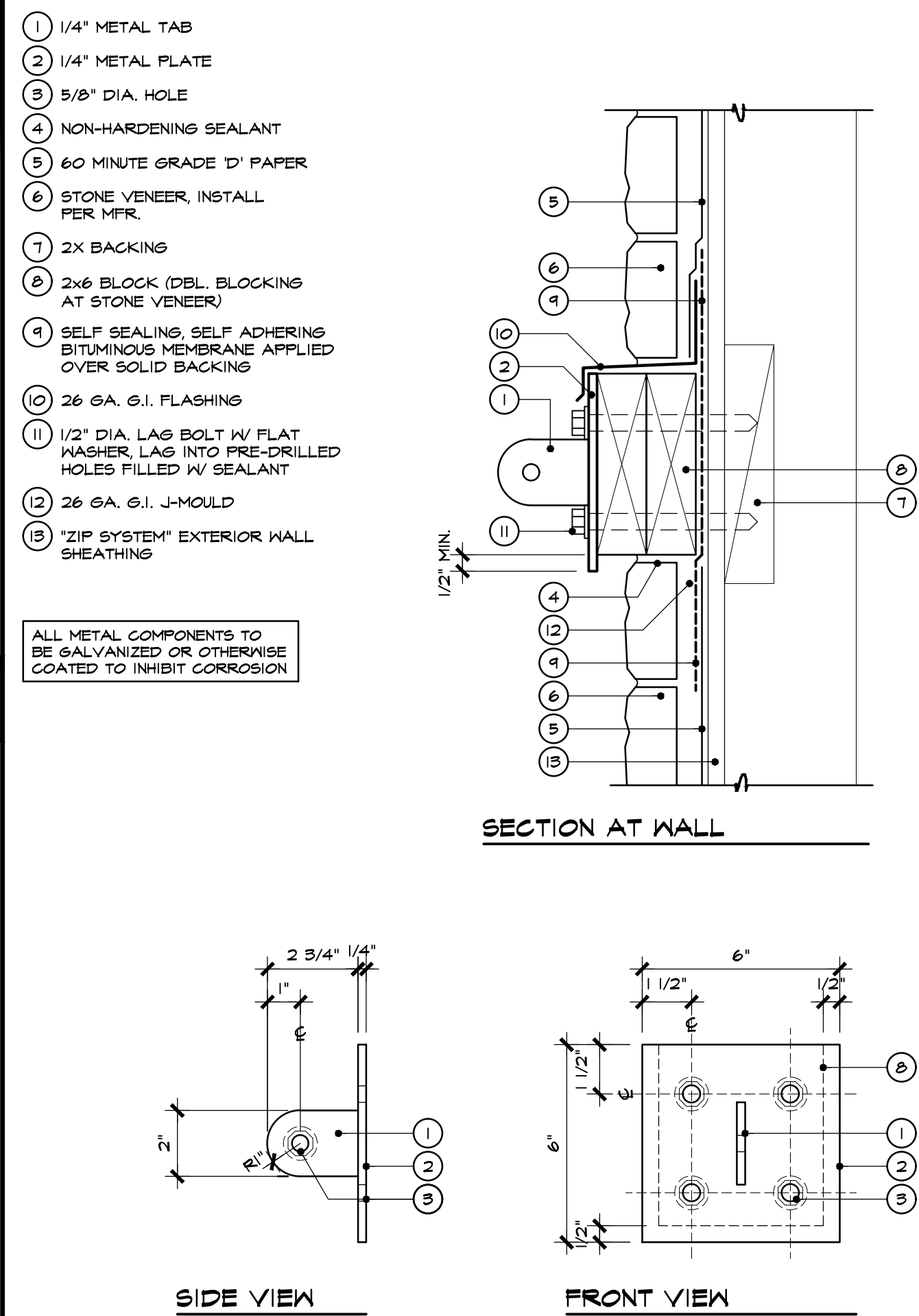
**LTIS SERENITY  
CLUB HOUSE  
HARTNETT COUNTY  
NORTH CAROLINA**

tri pointe<sup>®</sup>  
HOMES

**DETAILS**  
NOTE: REFER TO  
GENERAL NOTES SHEETS  
FOR FURTHER INFORMATION

## AD.1.1

JOB NUMBER: 667-24126  
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 BASSENIAN LAGONI ARCHITECTS



## TOGGLE JAW ASSEMBLY

21

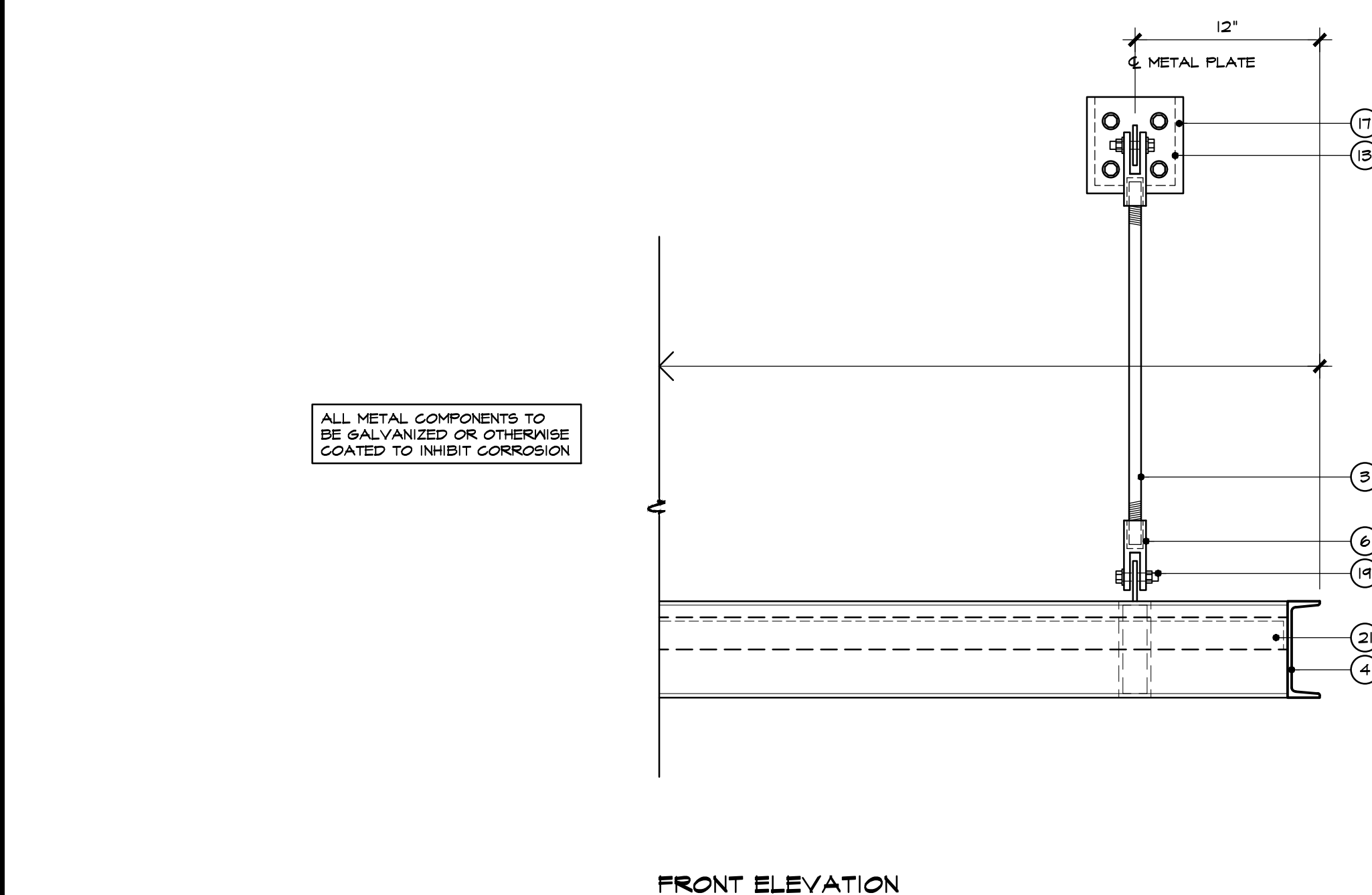
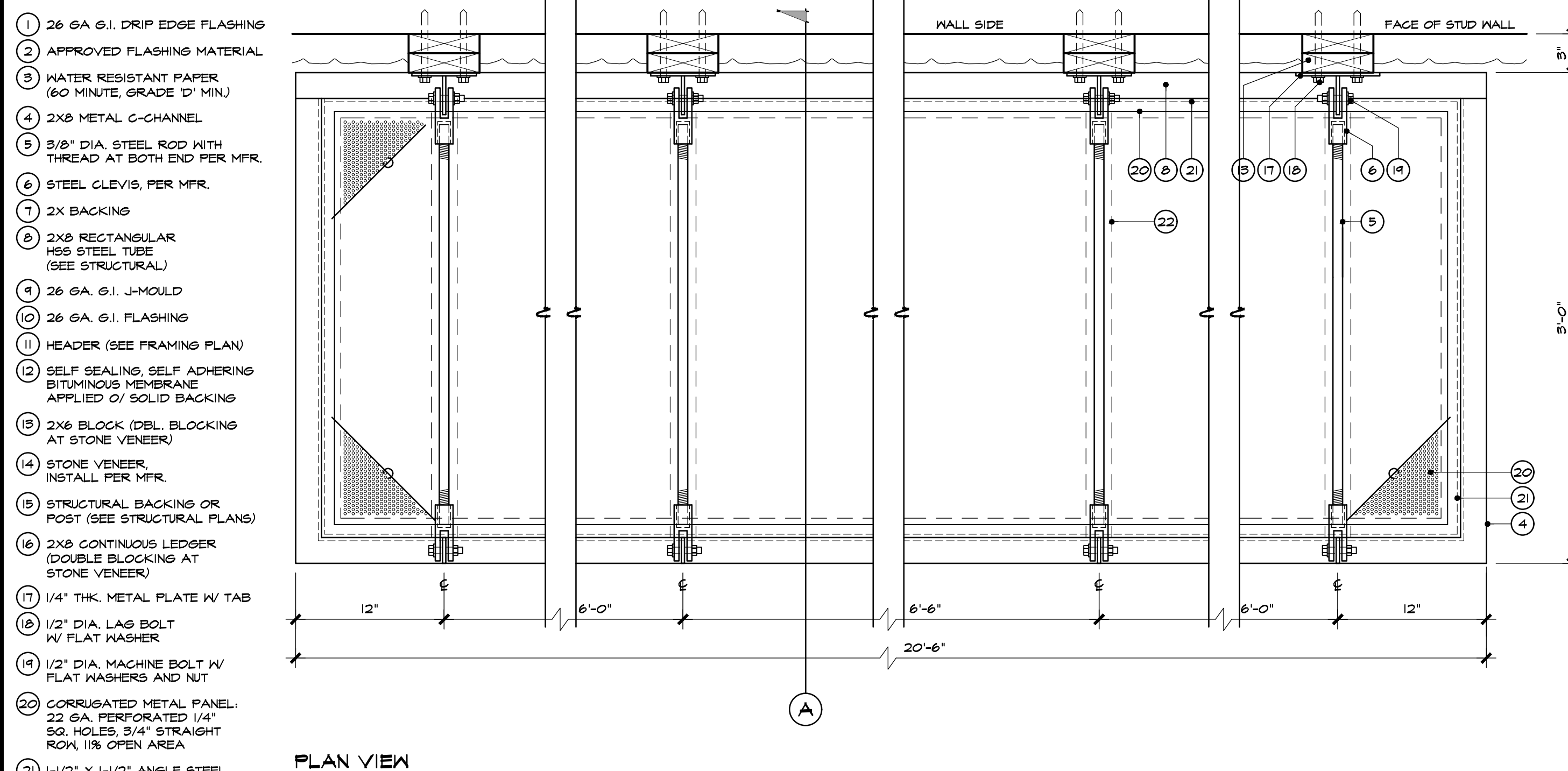
METAL PLATE W/ TAB

19

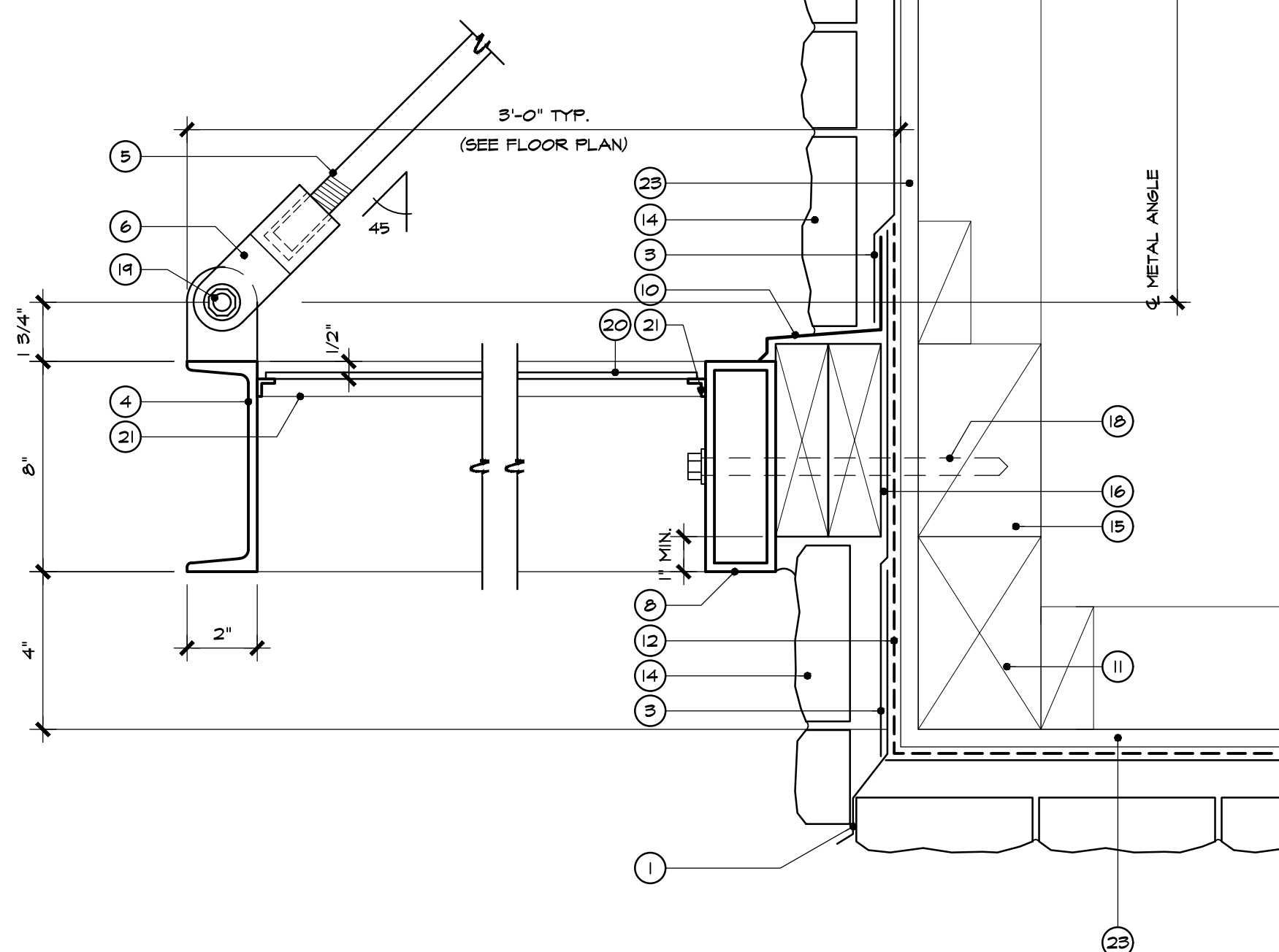
## TRUSS PROFILE

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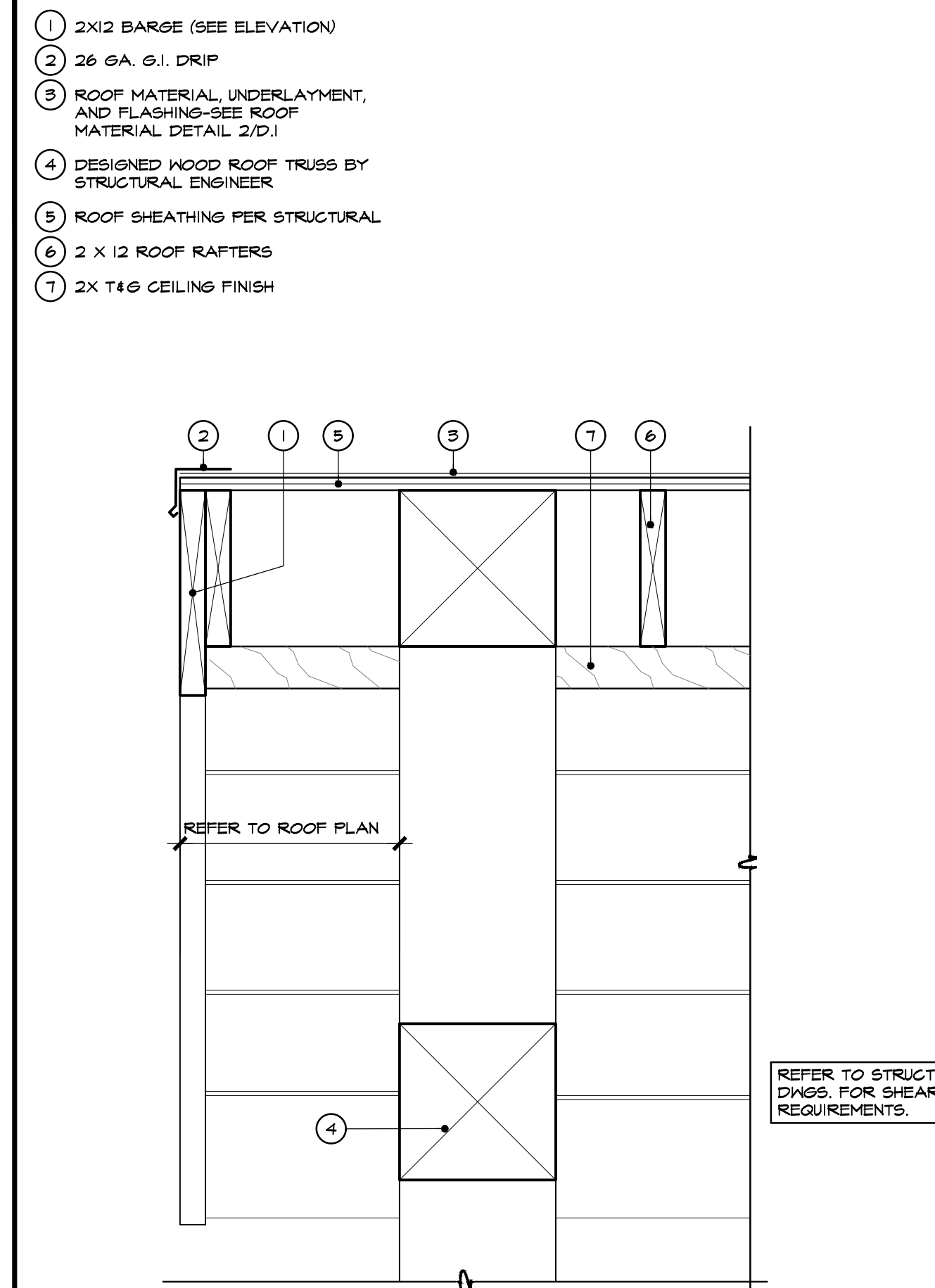
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## HORIZONTAL METAL AWNING



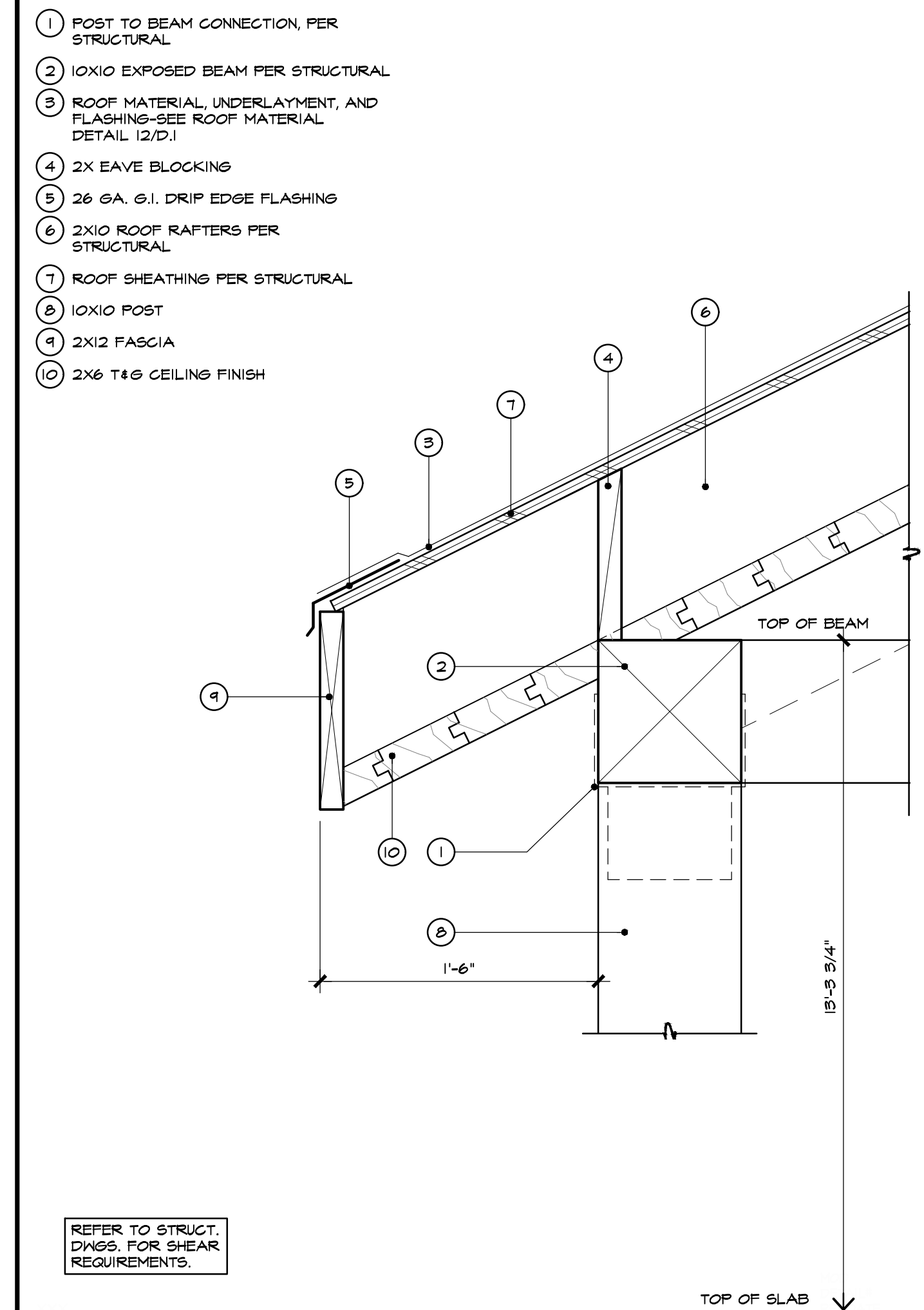
SECTION A



## RAKE @ CUSTOM TRUSS

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

15



EAVE / EXTENDED RAFTER TAIL

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

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**4**



















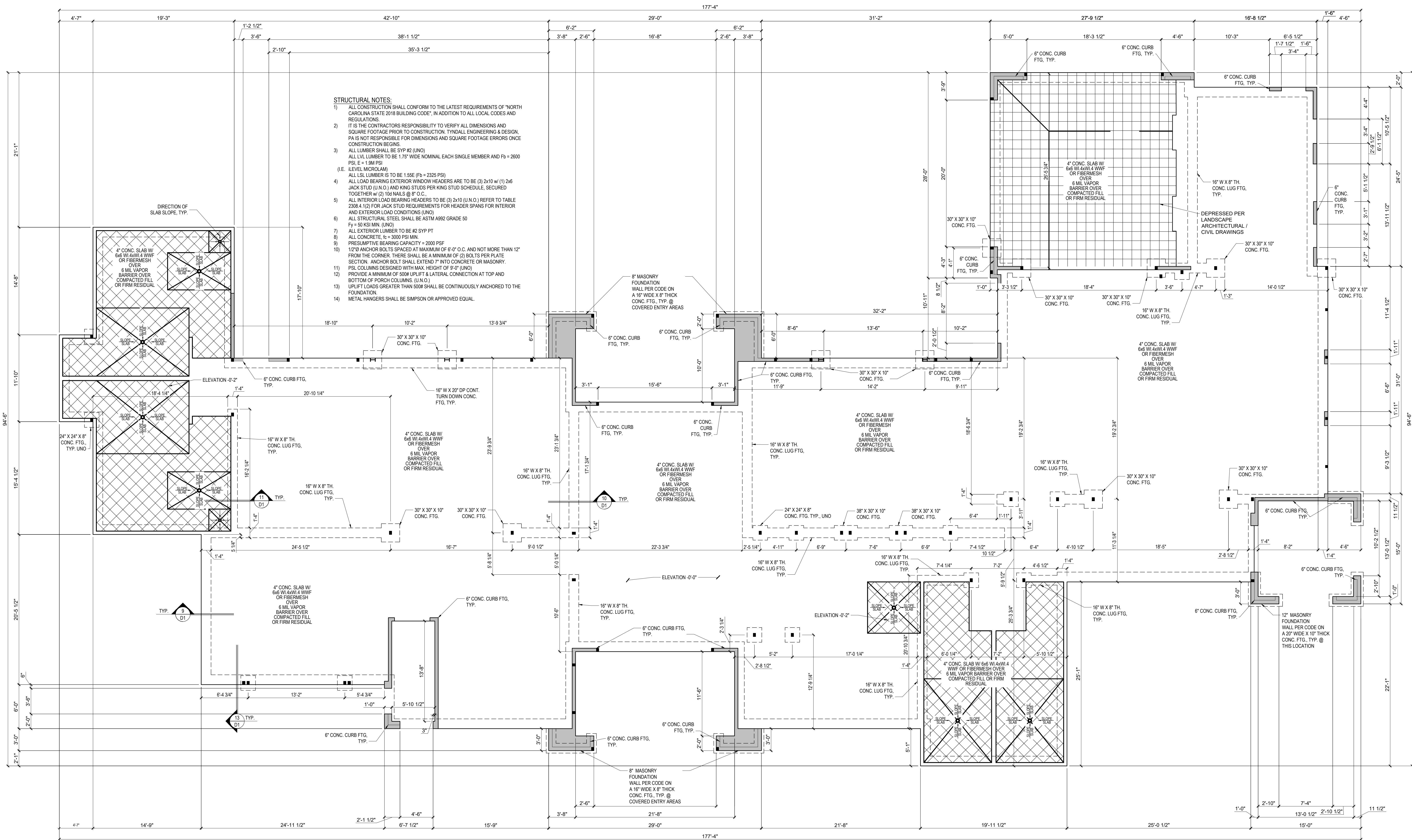








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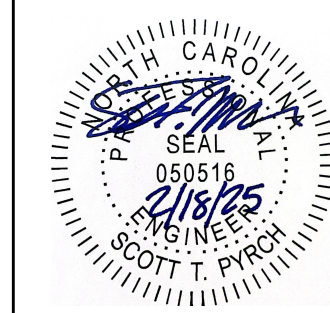


- INDICATES AREA OF 2" DEPRESSED SLAB TO RECEIVE FINISHED FLOORING OVER SETTING BED. REFER TO ARCHITECTURAL DRAWINGS.
- INDICATES AREA OF DEPRESSED SLAB TO RECEIVE OVER POUR (FLATWORK). REFER TO LANDSCAPE ARCHITECTURAL / CIVIL DRAWINGS
- INDICATES 6" RAISED CURB ABOVE FINISH FLOOR. VERIFY LOCATIONS W/ SITE GRADING PLANS. SEE ARCHITECTURAL ELEVATIONS DRAWINGS

### FOUNDATION PLAN

3/16" = 1'-0"

Engineers and does not include construction means, methods, techniques, sequences, procedures or safety precautions. Any deviations or discrepancies in plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A. Failure to do so will void Tyndall Engineering & Design, P.A. liability. Please review these documents carefully. Tyndall Engineering & Design, P.A. will interpret but not guarantee, recommendations, or presented in these documents were deemed acceptable once construction begins.



Client: **TRIPOINTE HOMES**

Project: **ALDIS SERENITY AMENITY BUILDING REC BUILDING**

## FOUNDATION PLAN

Project #: 2401-010249

Date: 2/18/2025

Engineered By: VA

DWG. Checked By: PAT

Scale: SEE PLAN

REVISIONS		
No.	Date	Remarks
1		
2		
3		
4		

Sheet Number

S1



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## G PLAN

Project #:  
2401-010249

Date:  
2/18/2025

Engineered By:  
VA

DWG. Checked By:  
PAT

Scale:  
SEE PLAN

Sheet Number

S2

3 of 8

**NOTE:**  
ALL EXTERIOR LOAD BEARING  
HEADERS ARE TO BE (3)2 X 10 W/  
(1)JACK STUD EACH END, UNLESS  
NOTED OTHERWISE

**NOTE: SEE ARCHITECTURAL  
PLANS PLATE HEIGHTS**

KING STUD SCHEDULE				
	MIN. # OF FULL HEIGHT 2X6 STUDS (KING) E.E. OF OPENING PER WALL DEPTH			
HEADER SPAN (FT)	10' WALLS	12' WALLS	16' WALLS	20' WALLS
UP TO 3'-0"	1	2	2	3
3'-1" TO 6'-0"	1	3	3	4
6'-1" TO 9'-0"	2	3	4	4
9'-1" TO 12'-0"	3	3	5	5
12'-1" TO 15'-0"	3	4	5	5
15'-1" TO 18'-0"	3	4	--	--

NOTES:

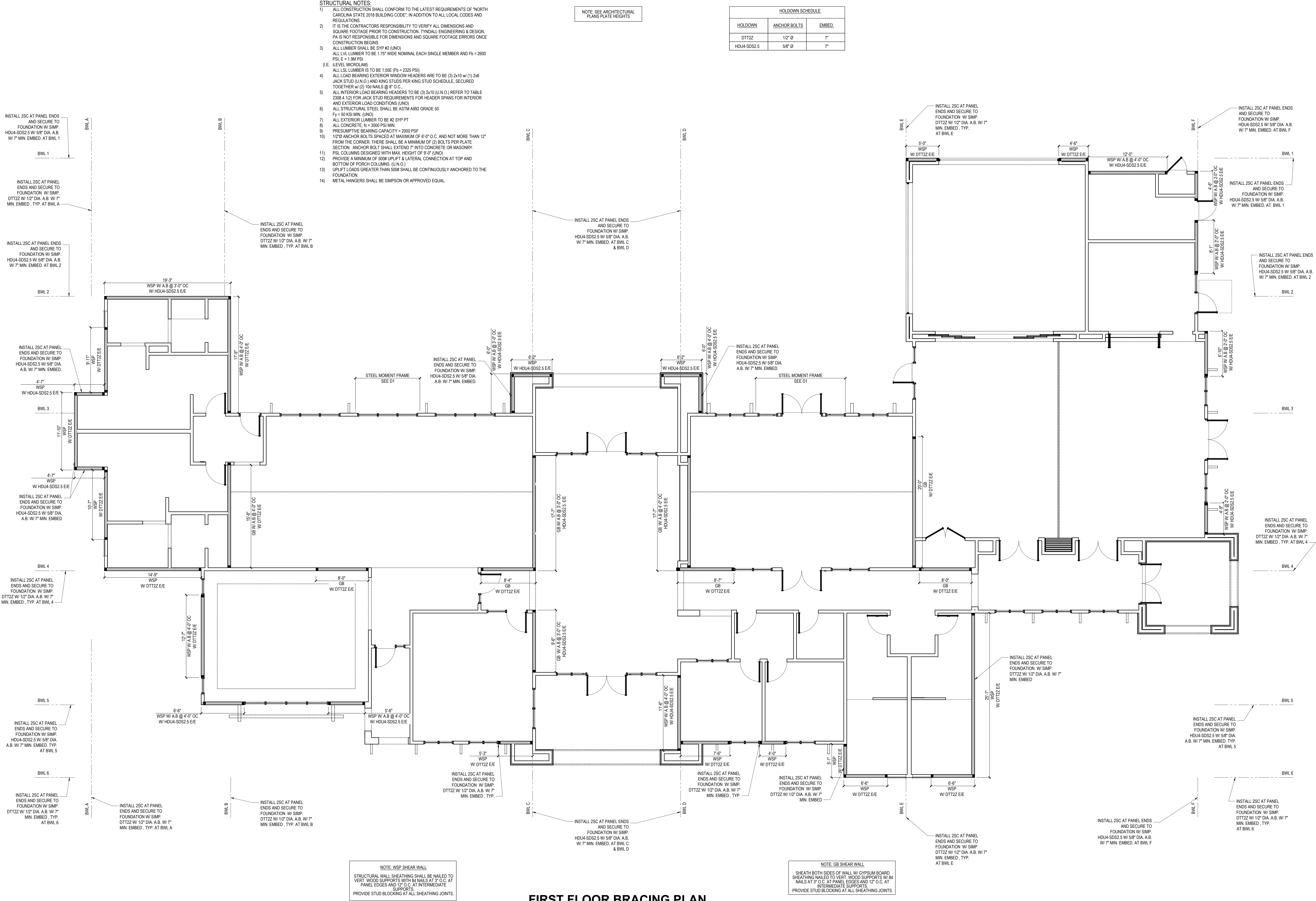
- TABLE DENOTES REQUIRED MINIMUM NUMBER OF STUDS EE OF EACH HEADER, TYPICAL UNIFORM PLANS
- NUMBER OF KING STUDS LISTED ABOVE ARE BASED NOMINAL WALL HEIGHT NOTED, STUD SPACING OF 16" O.C. AND ULTIMATE WIND SPEED OF 120 MPH (EXPOSURE B)
- HEADER SPANS IN TABLE ARE BASED ON ROUGH OPENINGS. INTERPOLATION BETWEEN SPAN VALUES IS PERMITTED. ROUND UP NUMBER OF KING STUDS. EXTRAPOLATION IS PROHIBITED. CONTACT TYNDAL ENGINEERING AND DESIGN IF HEADER SPANS EXCEED TABLE VALUES

[illegible]

**3/16" = 1'-0"**



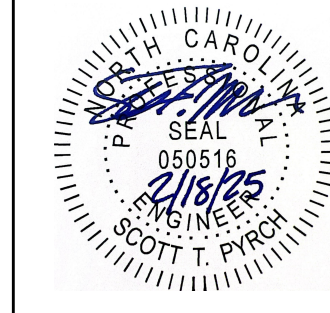
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## FIRST FLOOR BRACING PLAN

3/16" = 1'-0"

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Client: TRIPROTE HOMES

Project: ALTIS SERENITY AMENITY BUILDING REC BUILDING

## BRACING PLAN

Project #: 2401-010249  
Date: 2/18/2025  
Engineered By: VA  
DWG. Checked By: PAT  
Scale: SEE PLAN

REVISIONS		
No.	Date:	Remarks
1		
2		
3		
4		

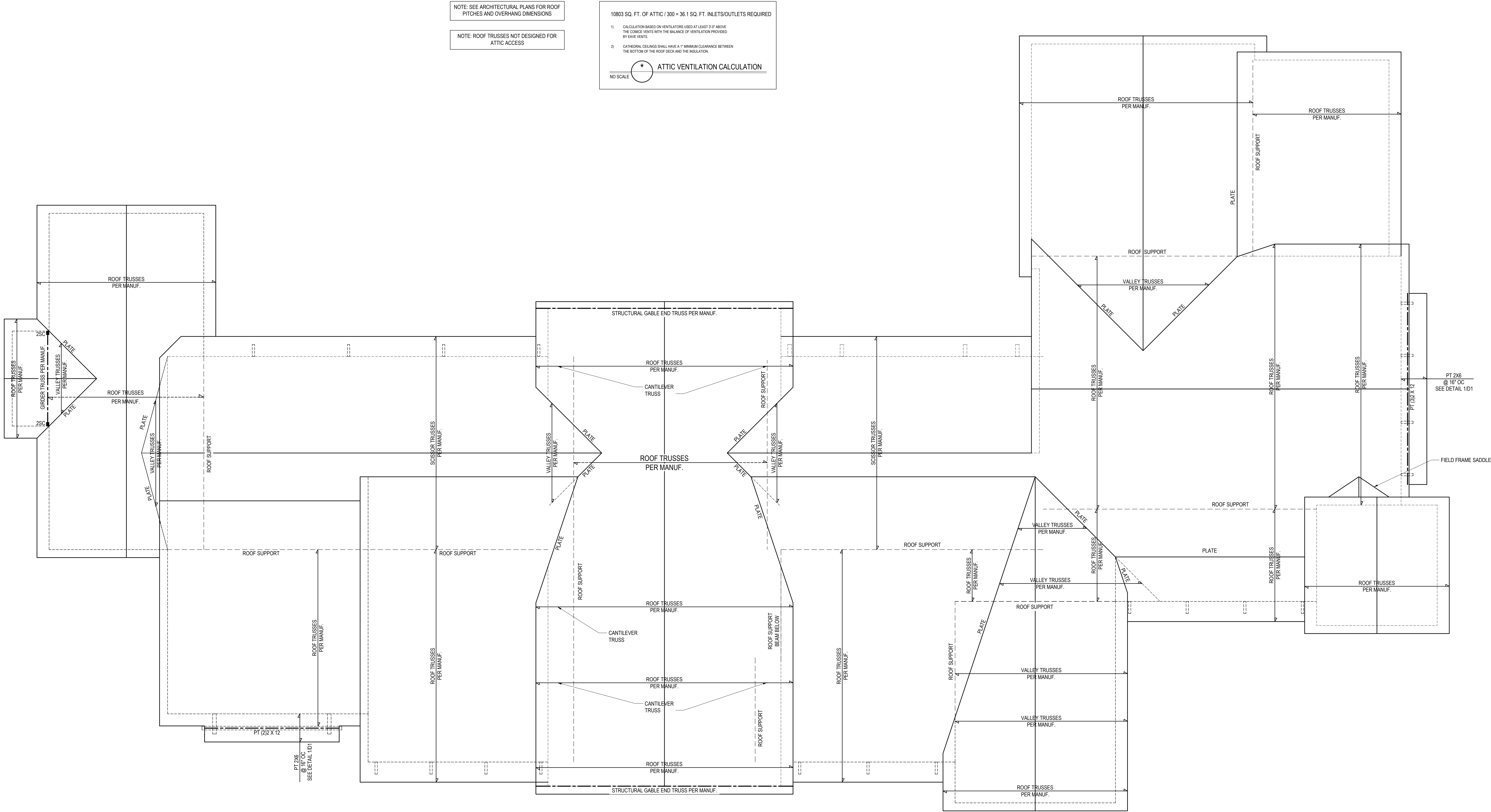
Sheet Number

S2.1

4 of 8



FILENAME: \\192.168.1.5\\DATA\\ALEXIA OFFICE\\RESIDENTIAL\\ENGINEERING\\2024\\STRUCTURAL\\PROJECTS\\2401-010249 - TRIPONTI HOMES - ALTIS SERENITY CLUBHOUSE\\2401-010249\\CADD FILES\\2401-010249\\FULLSET\\DWG\\SMD BD\\WSSSSA LAST PLOT DATE: 7/9/2025 5:08 PM



NOTE: SEE ARCHITECTURAL PLANS FOR ROOF PITCHES AND OVERHANGS DIMENSIONS

NOTE: ROOF TRUSSES NOT DESIGNED FOR ATTIC ACCESS

10803 SQ. FT. OF ATTIC / 300 = 36.1 SQ. FT. INLETS/OUTLETS REQUIRED

1) CALCULATION BASED ON VENTILATORS USED AT LEAST 2 FT ABOVE THE CORNER VENTS WITH THE BALANCE OF VENTILATION PROVIDED BY GABLE VENTS.

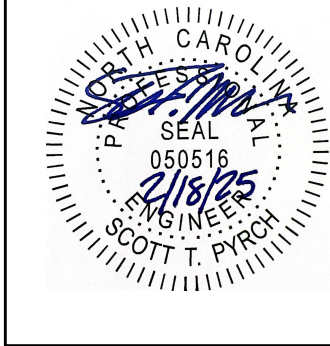
2) CATHEDRAL CEILING SHALL HAVE A 7" MINIMUM CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

NO SCALE

ATTIC VENTILATION CALCULATION

ROOF PLAN  
3/16" = 1'-0"

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ENGINEERING & DESIGN, P.A.

417 W. 10th St. • 1st Fl. • Tallahassee, FL 32301  
240 Shiloh Drive • Quincy • North Carolina • 27350  
www.tyndallengineering.com

Client: **TRIPONTI HOMES**

Project: **ALTIS SERENITY AMENITY BUILDING REC BUILDING**

ROOF PLAN

Project #:	2401-010249
Date:	2/18/2025
Engineered By:	VA
DWG. Checked By:	PAT
Scale:	SEE PLAN

REVISIONS		
No.	Date:	Remarks
1		
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Sheet Number

S3



FILENAME: \\192.168.1.15\DATA\VALECO OFFICE\RESIDENTIAL ENGINEERING\2024 STRUCTURAL PROJECTS\2401-010249 - ALTIS SERENITY CLUBHOUSE - TRIPOINTE HOMES - 2401-010249\DWG FILES\2401-010249-FULLSET.LDW, SAVED BY: WANESSA, LAST PLOT DATE: 7/8/2025 5:08 PM

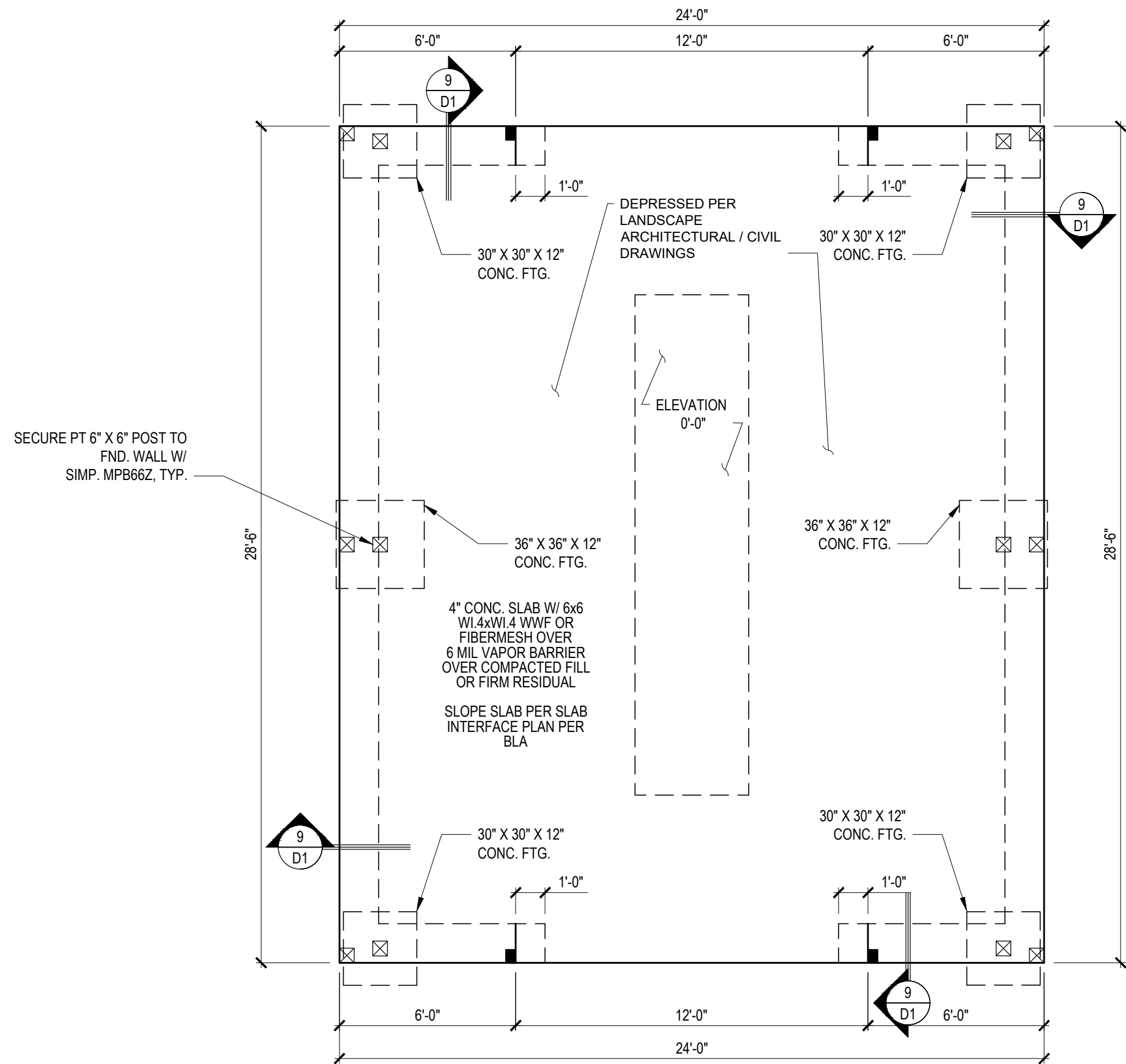
DESIGN LOADS	
1. BUILDING CODES	
a. NORTH CAROLINA BUILDING CODE 2018 EDITION	
b. MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES, ASCE 7-10	
2. ROOF DEAD LOAD	20 PSF
3. ROOF LIVE LOAD	20 PSF
4. ROOF SNOW LOAD	
a. FLAT-ROOF SNOW LOAD, P <sub>f</sub>	15 PSF
b. SNOW EXPOSURE FACTOR, C <sub>e</sub>	0.9
c. SNOW IMPORTANCE FACTOR, I <sub>s</sub>	1.0
d. THERMAL FACTOR, C <sub>t</sub>	1.0
5. FLOOR DEAD LOAD	15 PSF
a. TYPICAL FLOOR	
6. FLOOR LIVE LOADS	100 PSF
a. SLAB-ON-GRADE	
7. WIND LOADS DATA	
a. BASIC WIND SPEED (3 SECOND GUST)	120 MPH
b. RISK CATEGORY	II
c. EXPOSURE	B
d. INTERNAL PRESSURE COEFFICIENT, GC <sub>pi</sub>	+/-0.18
e. TOPOGRAPHY FACTOR, K <sub>zt</sub>	1.00
f. APPLIED DIRECTIONALITY FACTOR, K <sub>d</sub>	0.85
g. WIND BASE SHEAR	
W <sub>x</sub>	8.3 KIPS
W <sub>y</sub>	10.0 KIPS
8. SEISMIC LOADS DATA	
a. ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
b. SITE CLASS	D
c. SEISMIC IMPORTANCE FACTOR, I <sub>e</sub>	1.0
f. SITE COEFFICIENT, F <sub>a</sub>	1.6
g. SITE COEFFICIENT, F <sub>v</sub>	2.4
h. SPECTRAL RESPONSE COEFFICIENT, S <sub>ds</sub>	0.145
i. SPECTRAL RESPONSE COEFFICIENT, S <sub>d1</sub>	0.106
BASIC STRUCTURAL SYSTEM	LIGHT FRAMED WOOD WALL W/ WOOD STRUCTURAL PANELS
j. RESPONSE MODIFICATION FACTOR, R	6.5
k. SEISMIC RESPONSE COEFFICIENT, C <sub>s</sub>	0.022
q. SEISMIC BASE SHEARS	
S <sub>x</sub>	0.45 KIPS
S <sub>y</sub>	0.45 KIPS

- STRUCTURAL NOTES:
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
  - IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL ENGINEERING & DESIGN, P.A. IS NOT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
  - ALL LUMBER SHALL BE SYP #2 (UNO)  
ALL LVL LUMBER TO BE 1.75" WIDE NOMINAL EACH SINGLE MEMBER AND F<sub>b</sub> > 2600 PSI, E = 1.9M PSI  
(I.E. I-LEVEL MICROLAM)  
ALL LVL LUMBER IS TO BE 1.65E (F<sub>b</sub> = 2325 PSI)
  - ALL LOAD BEARING EXTERIOR WINDOW HEADERS ARE TO BE (3) 2x10 w/ (1) 2x6 JACK STUD (U.N.O.) AND KING STUDS PER KING STUD SCHEDULE, SECURED TOGETHER w/ (2) 10s NAILS @ 8" O.C.
  - ALL INTERIOR LOAD BEARING HEADERS TO BE (3) 2x10 (U.N.O.) REFER TO TABLE 2308.4.1(2) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS (UNO)
  - ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50  
F<sub>y</sub> = 50 KSI MIN. (UNO)
  - ALL EXTERIOR LUMBER TO BE #2 SYP PT
  - ALL CONCRETE, I<sub>c</sub> = 3000 PSI MIN.
  - PRESUMPTIVE BEARING CAPACITY = 2000 PSF
  - 1/2"Ø ANCHOR BOLTS SPACED AT MAXIMUM OF 6'-0" O.C. AND NOT MORE THAN 12" FROM THE CORNER. THERE SHALL BE A MINIMUM OF (2) BOLTS PER PLATE SECTION. ANCHOR BOLT SHALL EXTEND 7" INTO CONCRETE OR MASONRY.
  - PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO)
  - PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
  - UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION.
  - METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.

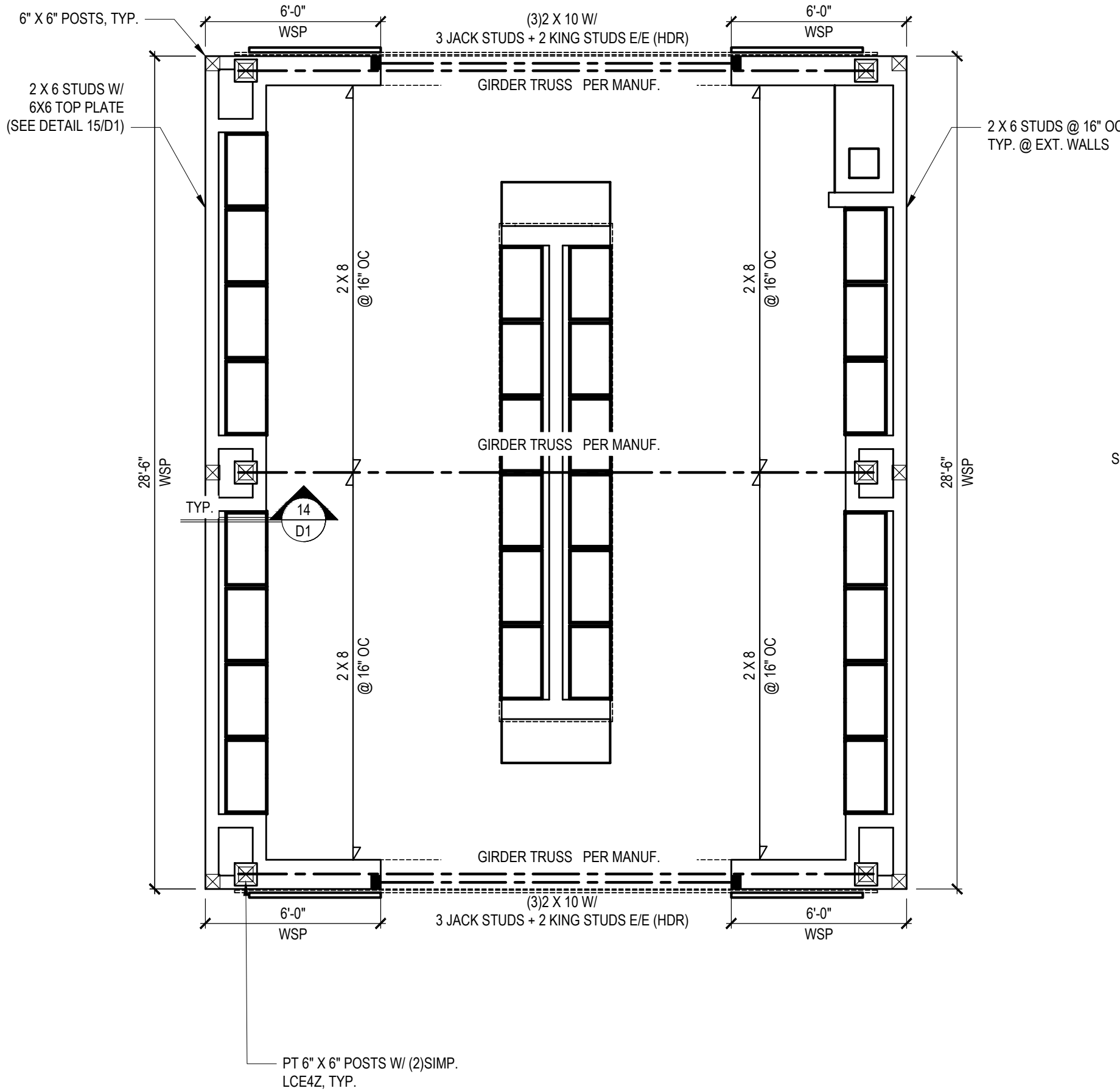
NOTE:  
ALL EXTERIOR HEADERS ARE TO BE (3)2 X 10 W/ (1)JACK STUD EACH END, UNLESS NOTED OTHERWISE

- ALL EXTERIOR WALLS TO BE 2 X 6 SYP #2 STUDS SPACED @ 16" O.C., UNO.

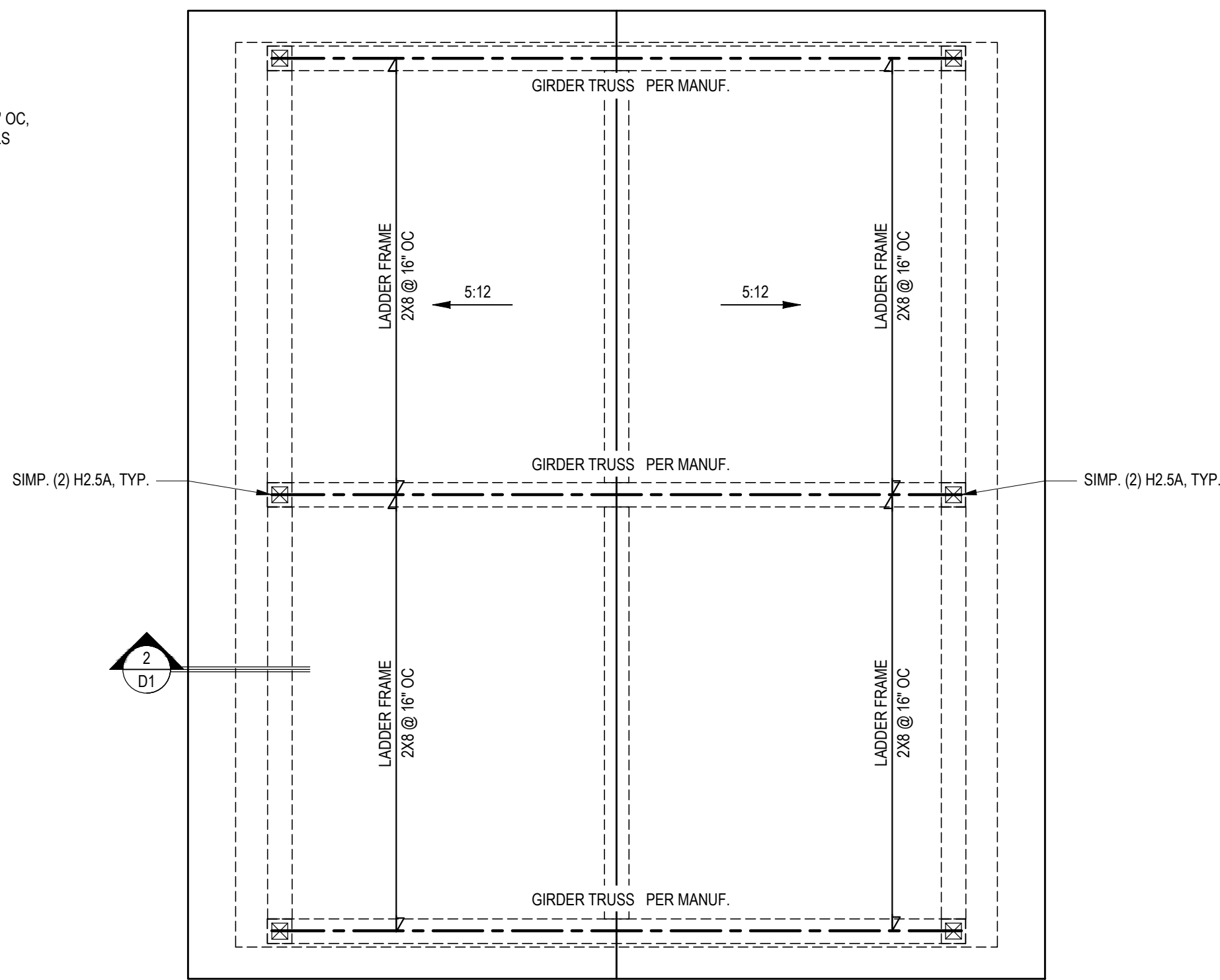
TRUSS LOADING  
TOP CHORD DL = 10 psf  
TOP CHORD LL = 20 psf  
BOTT CHORD DL = 10 psf  
LIVE LOAD REDUCTION DUE TO AREA SUPPORTED BY COMPONENT IS NOT PERMITTED  
LIVE LOAD REDUCTION DUE TO SLOPE OF ROOF TRUSS IS PERMITTED  
WIND LOADS = 120 mph ZONE PER NC BUILDING CODE  
(TRUSSES TO BE DESIGNED FOR A LATERAL LOAD OF 200 PLF)



FOUNDATION PLAN  
1/4" = 1'-0"



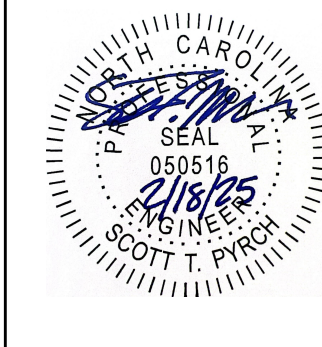
FIRST FLOOR PLAN  
1/4" = 1'-0" PLT = 11'-1"



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

MAIL BUILDING

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Client: TRIPOINTE HOMES  
Project: 2401-010249  
Date: 2/18/2025  
Engineered By: VA  
DWG. Checked By: PAT  
Scale: SEE PLAN  
Sheet Number: S4

FOUNDATION & ROOF PLAN  
FIRST FLOOR CLG FRAMING

Project #:	2401-010249
Date:	2/18/2025
Engineered By:	VA
DWG. Checked By:	PAT
Scale:	SEE PLAN

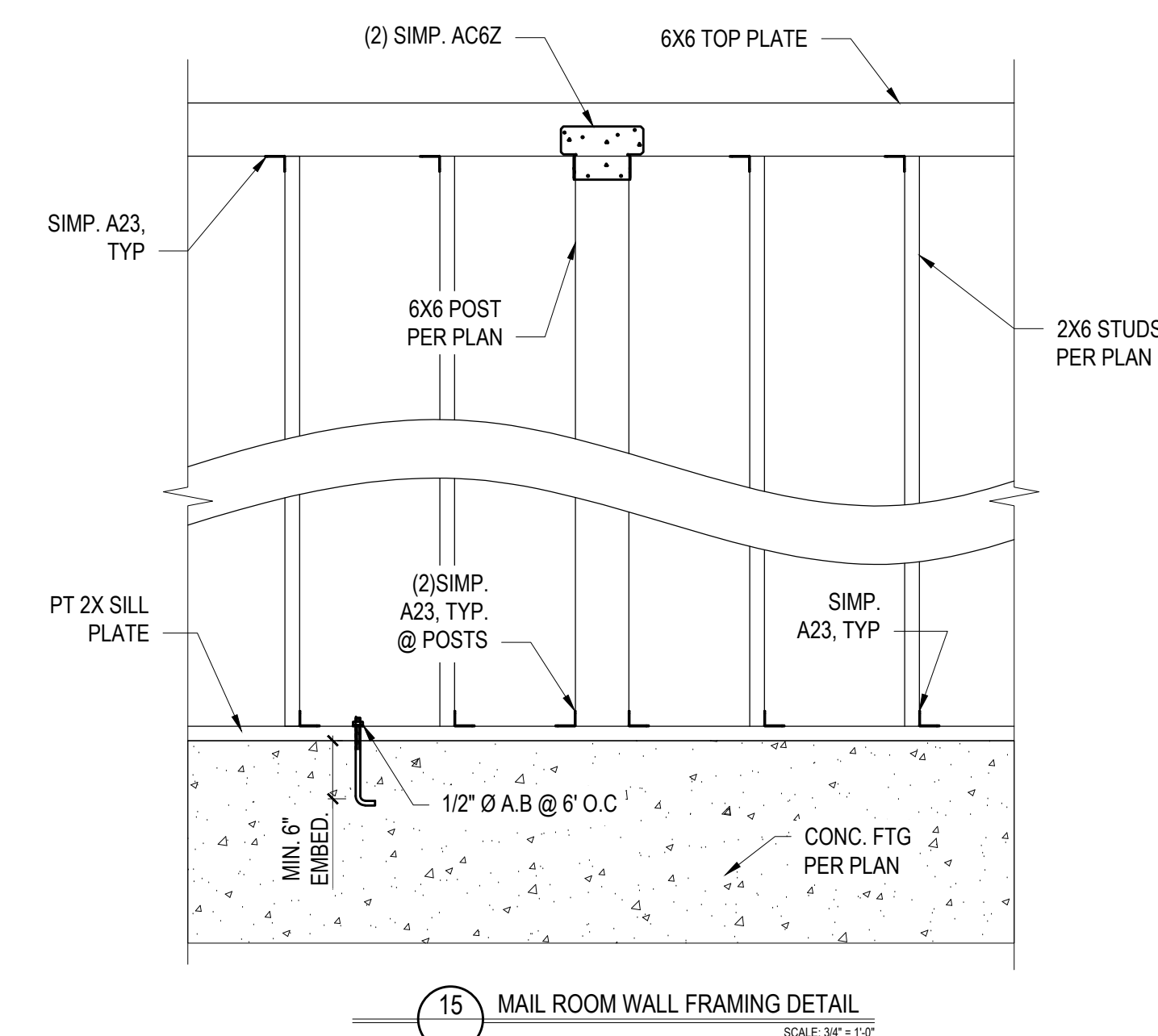
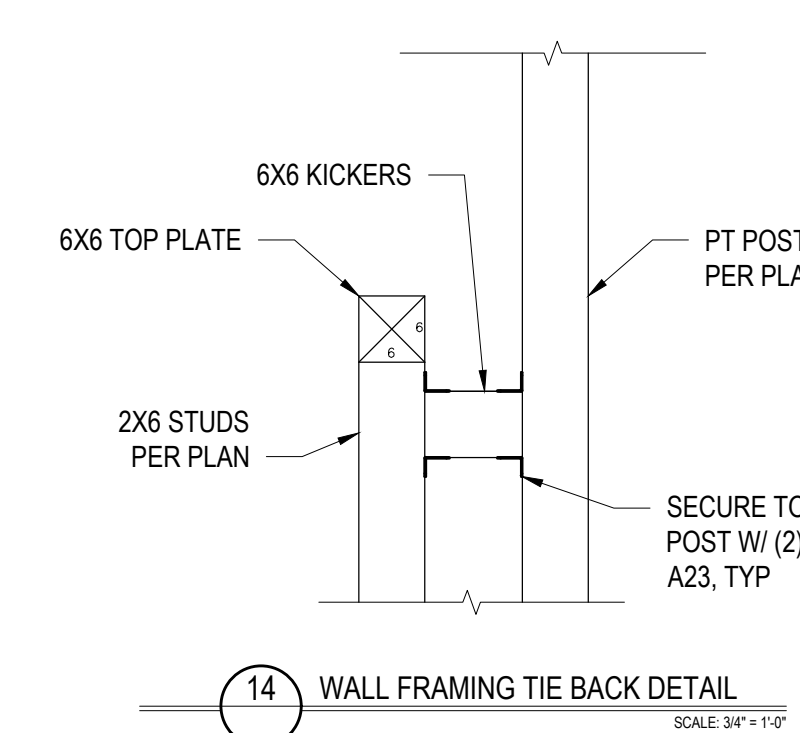
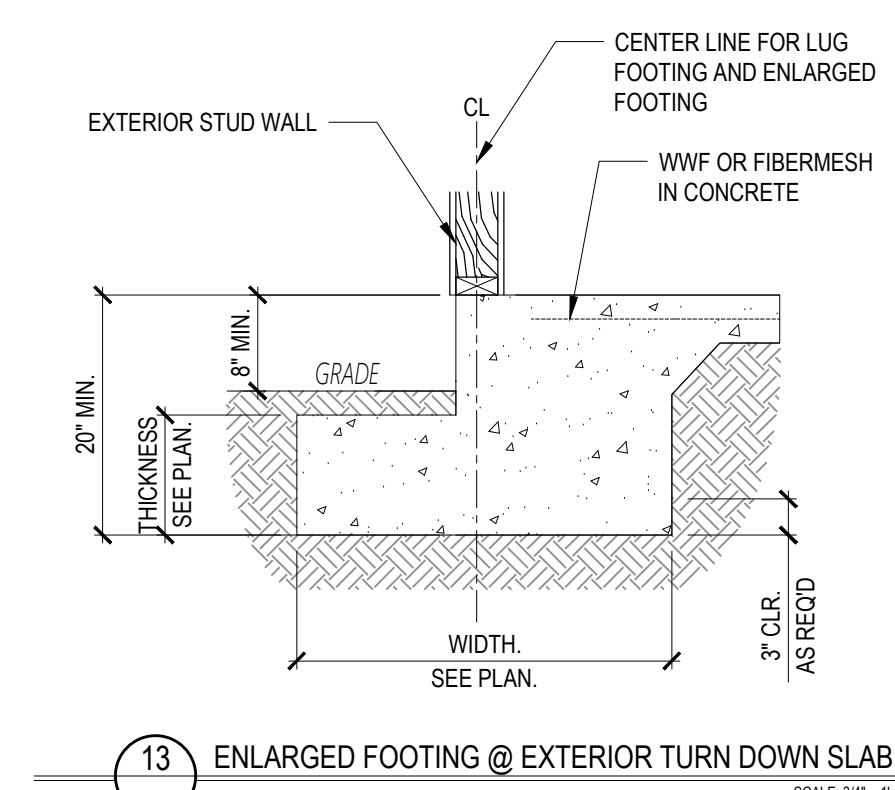
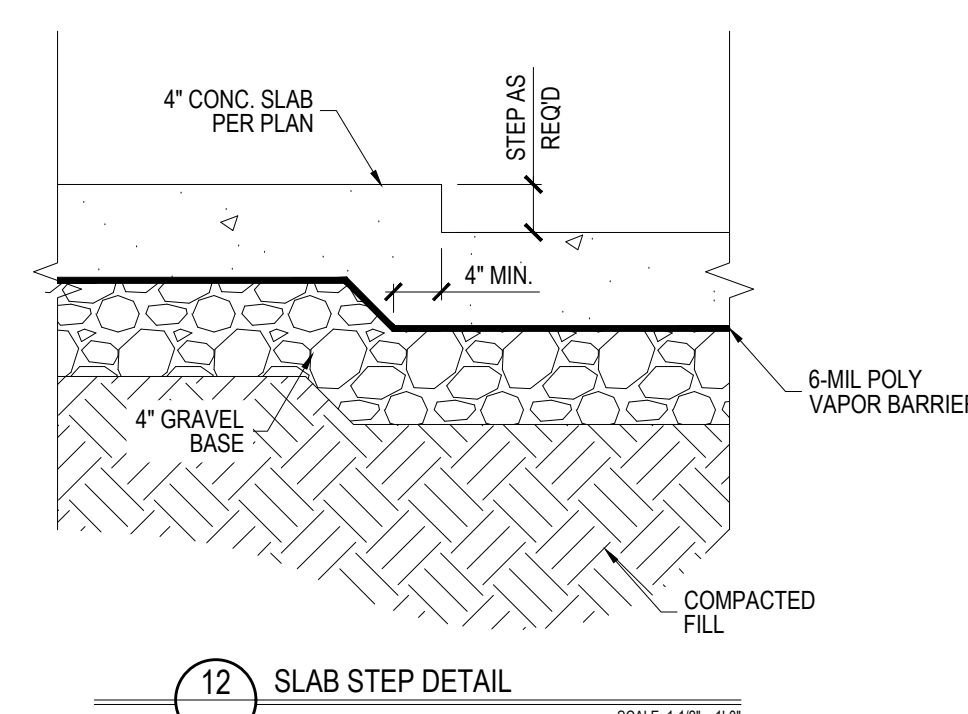
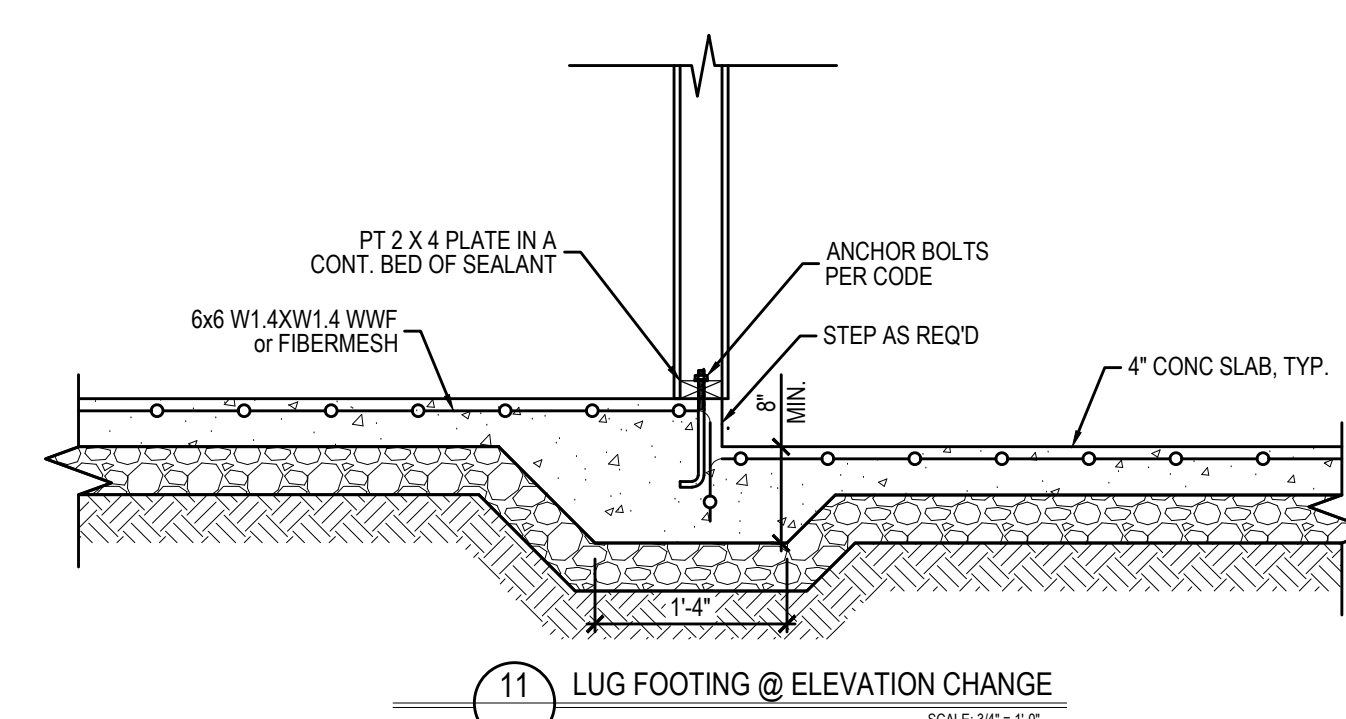
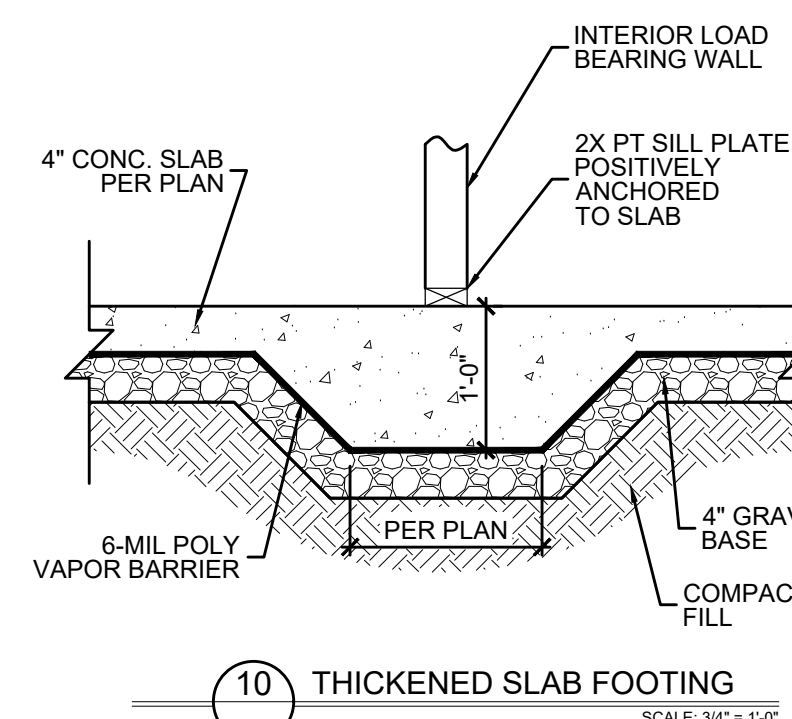
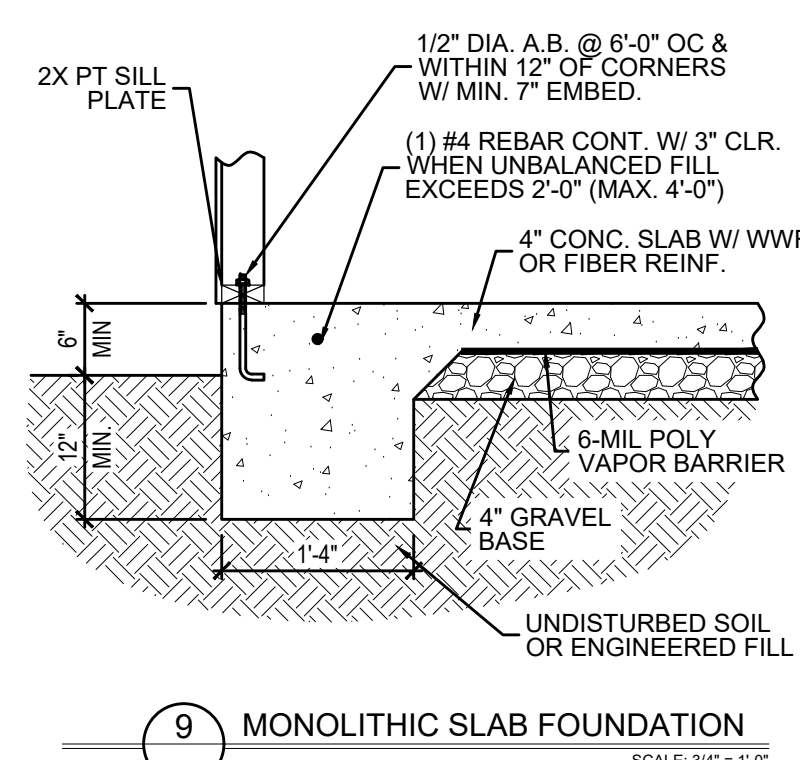
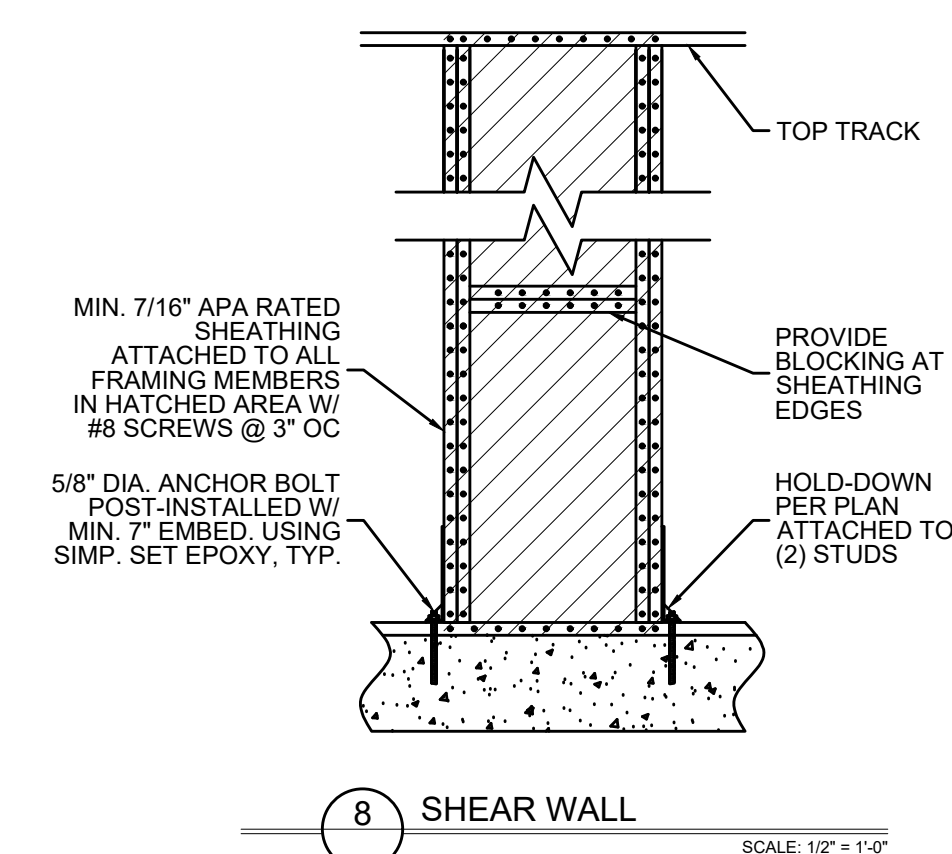
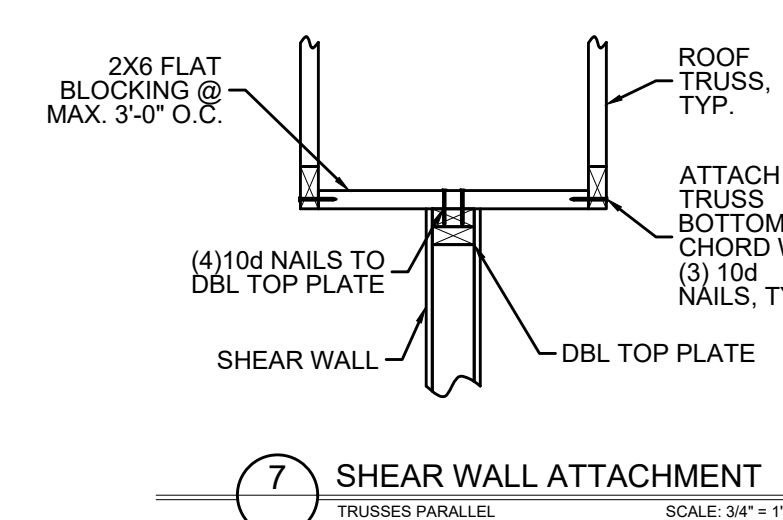
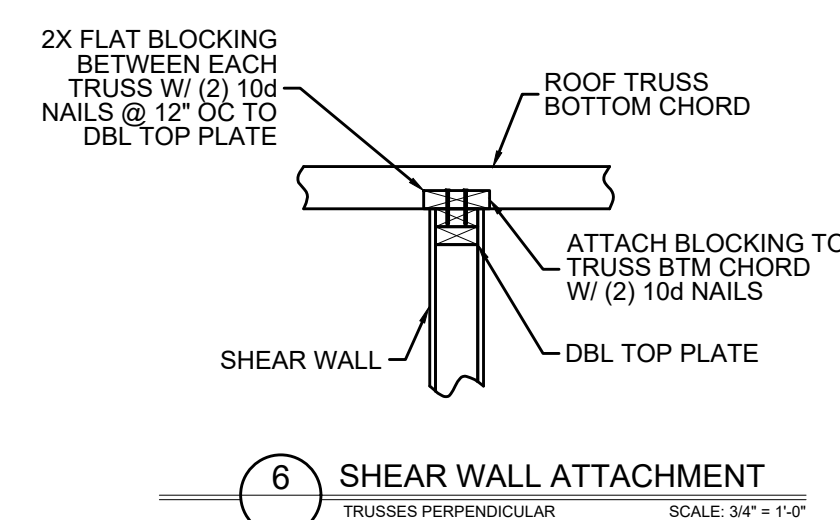
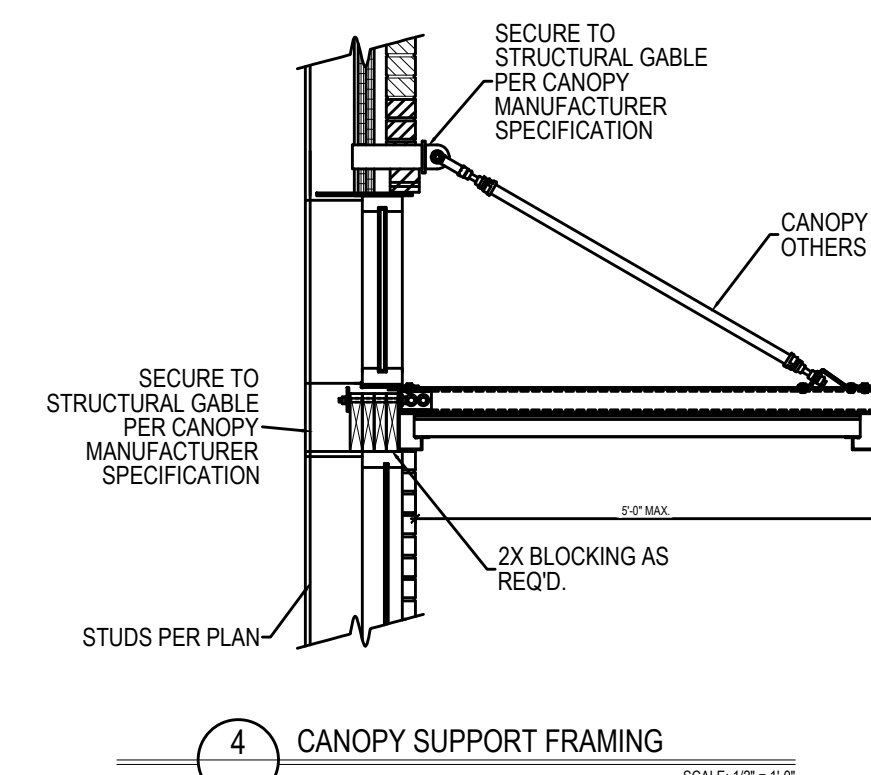
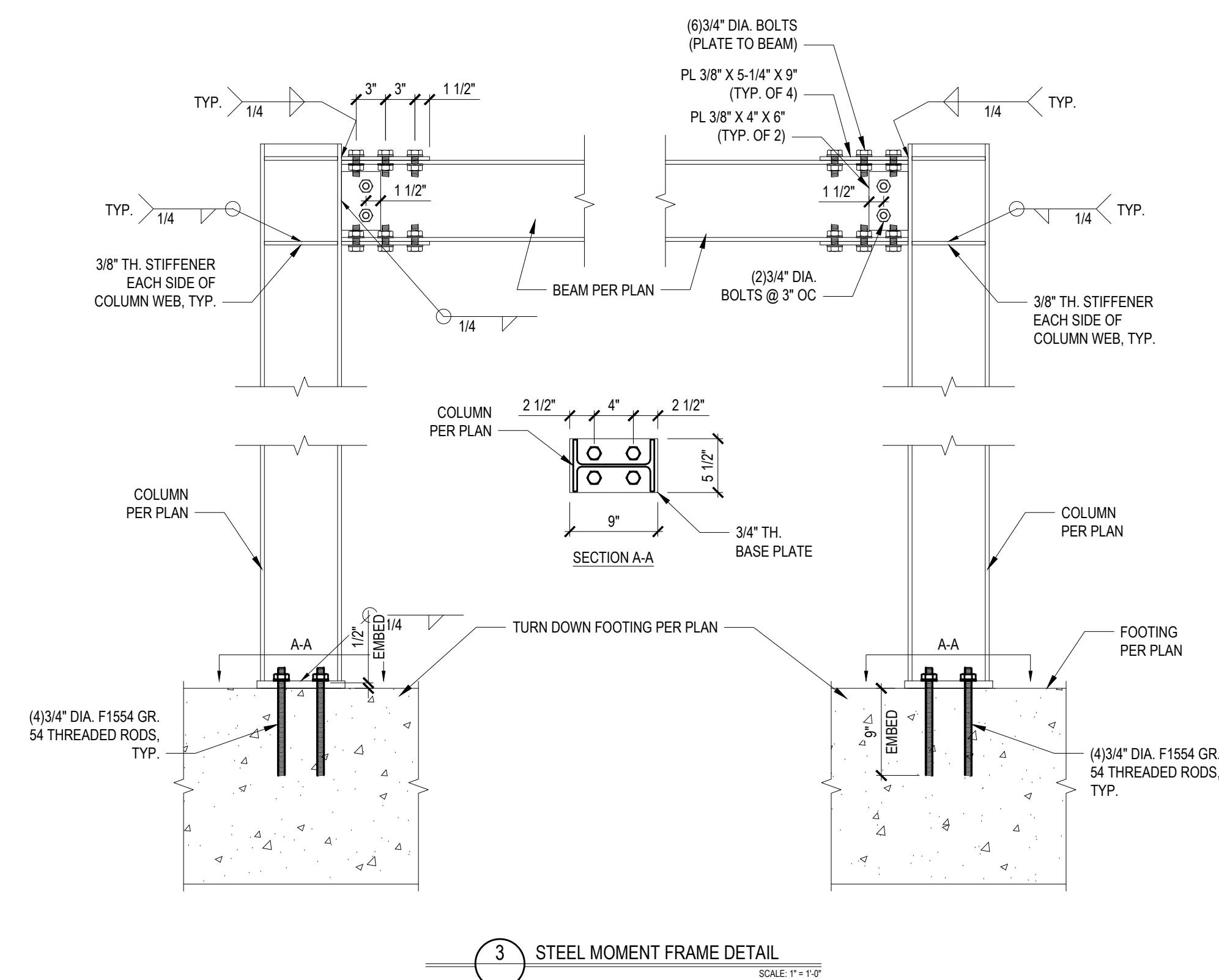
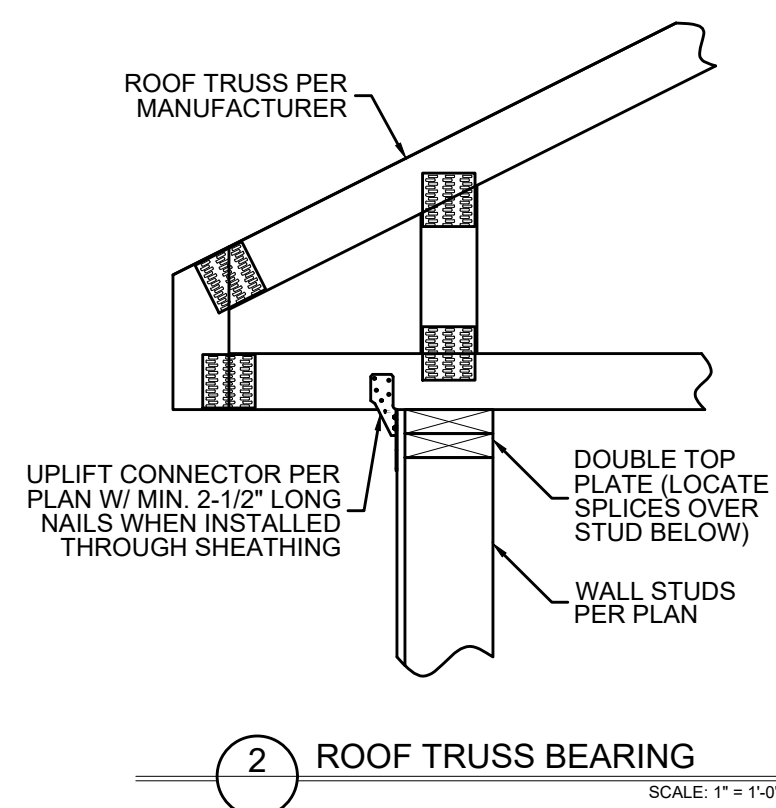
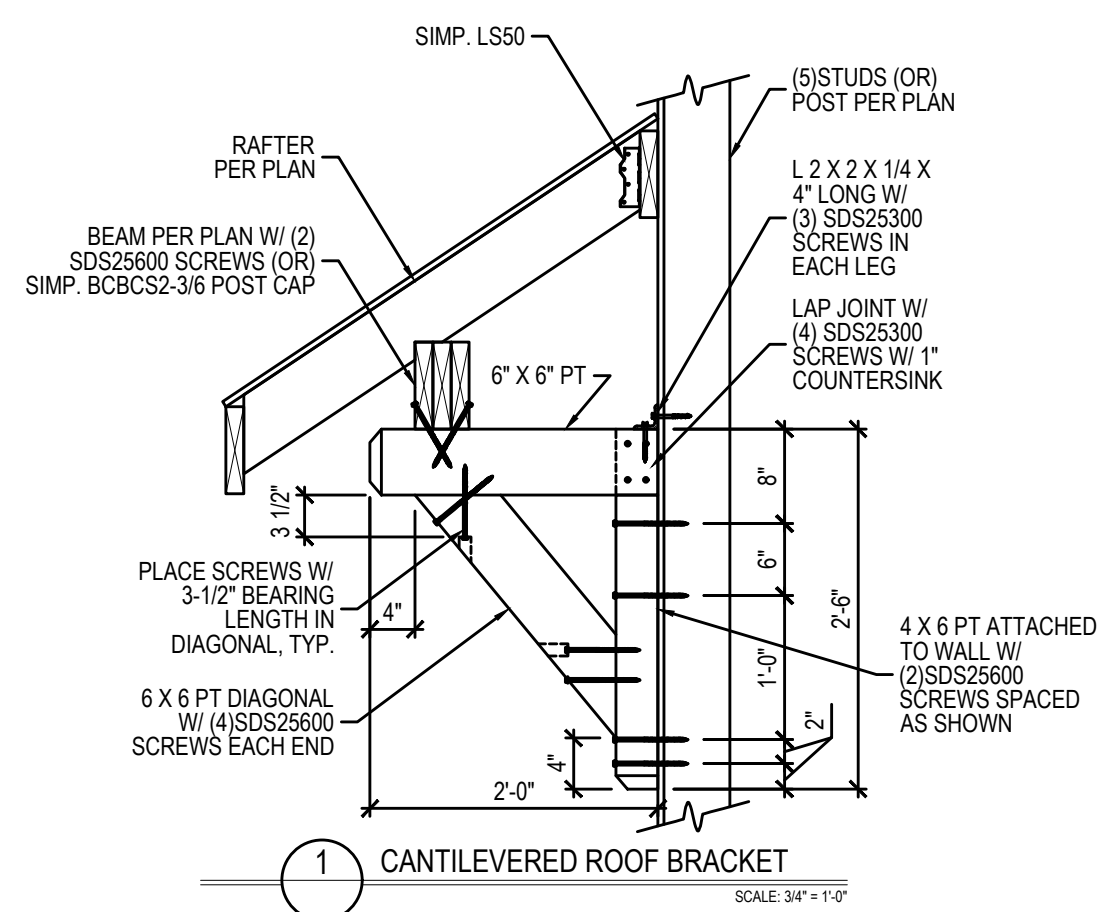
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S4  
6 of 8

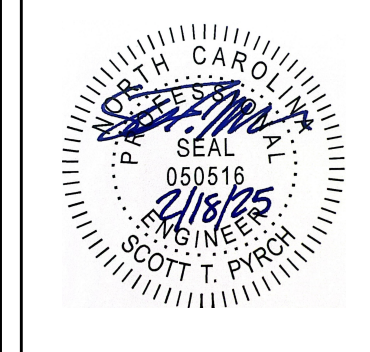








\*Please review these documents carefully. Tyndall Engineering & Design, P.A. will interpret that all dimensions, recommendations, etc. presented in these documents were deemed acceptable once construction began.



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240 Shipmuth Drive •

Client:	TRIPOINTE HOMES
Plant:	ALTIS SERENITY AMENITY BUILDING REC BUILDING

## STANDARD DETAILS

<u>Project #:</u>	2401-010249
<u>Date:</u>	2/18/2025
<u>Engineered By:</u>	VA
<u>DWG. Checked By:</u>	PAT
<u>Scale:</u>	SEE PLAN

<b>REVISIONS</b>		
<b>No.</b>	<b>Date:</b>	<b>Remarks</b>
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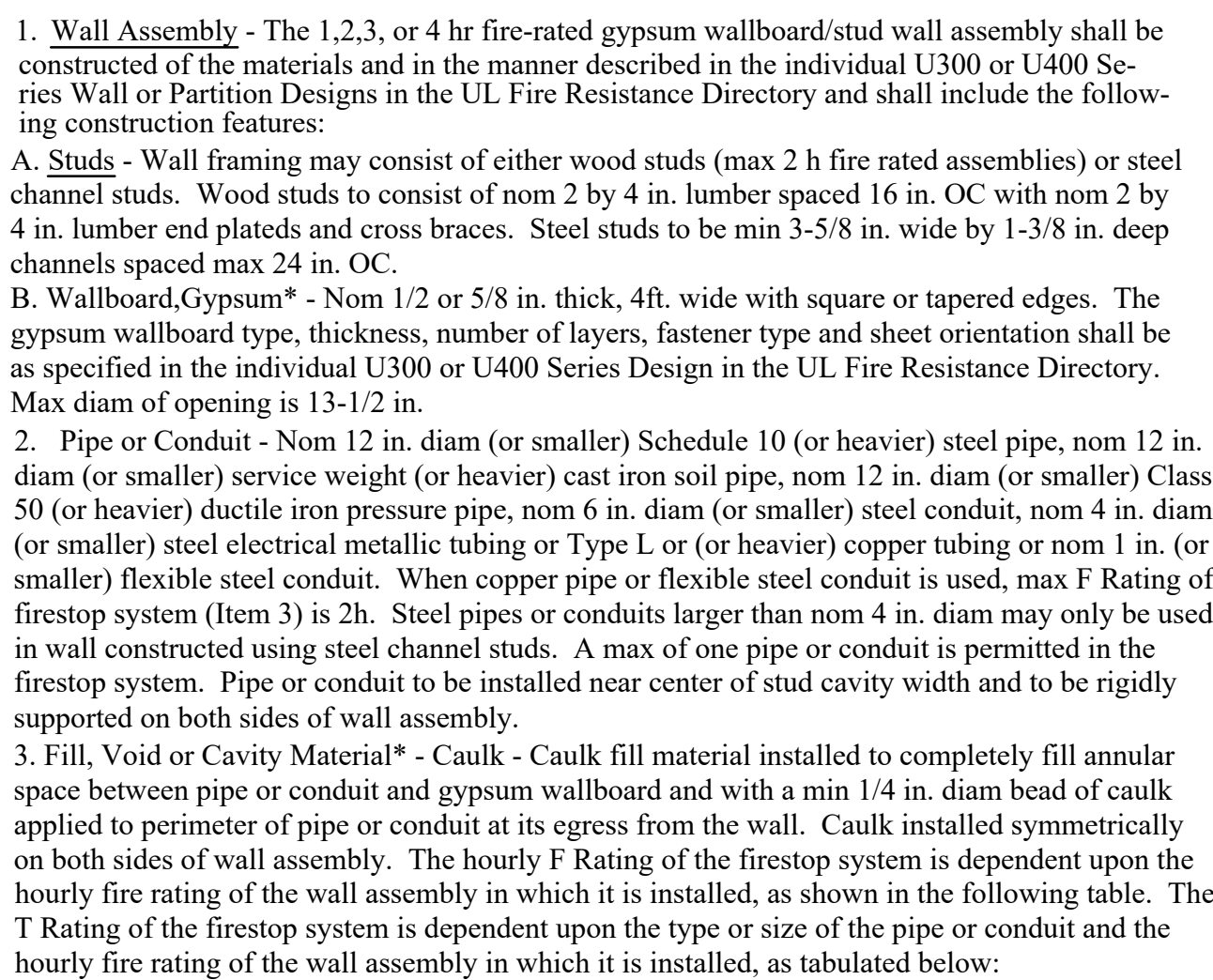
Sheet Number

D1

8 of 8



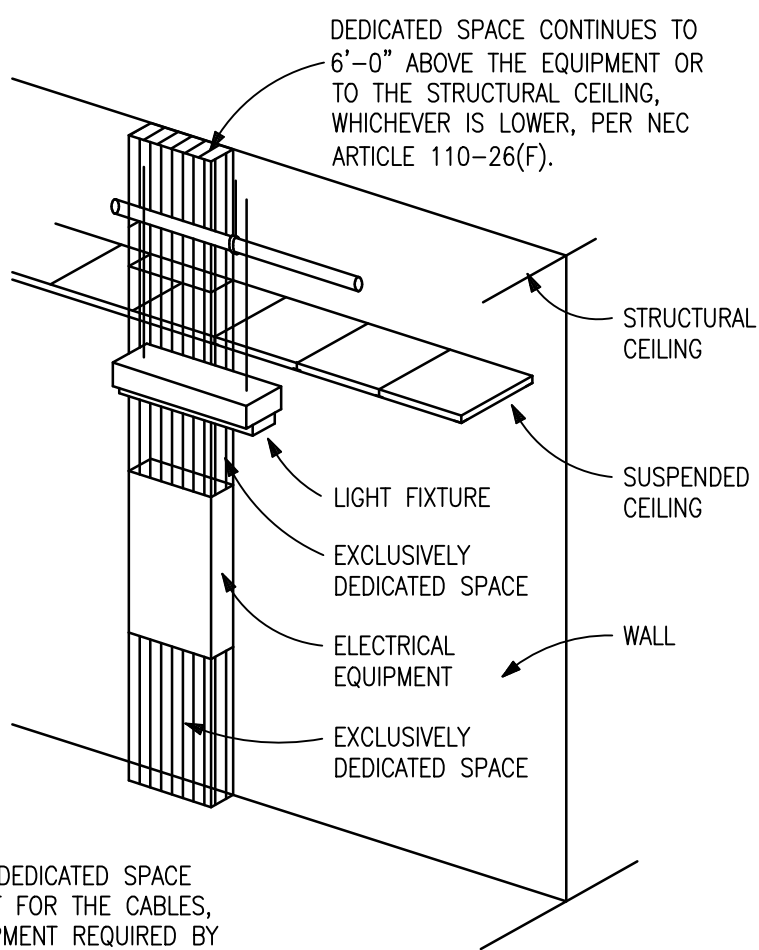
1. WORKSHIP SHALL CONFORM TO NECA PUBLISHED "STANDARDS OF INSTALLATION".
2. INSTALLATION SHALL COMPLY WITH NATIONAL ELECTRICAL CODE, STATE BUILDING CODE, AND ALL REQUIREMENTS OF THE LOCAL INSPECTOR (FURNISH INSPECTION CERTIFICATE). ALL WORK SHALL BE BY LICENSED ELECTRICAL CONTRACTOR.
3. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THE PROJECT, PRIOR TO INSTALLATION OF ELEC. EQUIPMENT, SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW FOR OPTIMUM MAINTENANCE AND WORKING SPACE.
5. ALL BRANCH CIRCUITS SHALL BE IN ZINC-COATED EMT, OR RIGID CONDUIT AS PERMITTED OR REQUIRED BY THE NATIONAL ELECTRICAL CODE. CONDUIT SHALL BE USED ONLY IF PERMITTED BY THE NATIONAL ELECTRICAL CODE. SCHEDULE 40 PVC CONDUIT MAY BE USED EXM. FOR THE SECONDARY UNDERGROUND SERVICE. THE UNDERGROUND TELEPHONE SERVICE CONDUIT, AND BRANCH TELEPHONE SYSTEM CONDUITS LOCATED BELOW THE FINISH FLOOR ON GRADE, SHALL BE LOCATED ON THE EXTERIOR OF THE BUILDING, OR IN CONCRETE BLOCK WALLS. ALL CONDUIT SHALL BE 1/2" MINIMUM SIZE. EMT FITTINGS SHALL BE STEEL COMPRESSION TYPE.
6. PROVIDE 4" WIDE PLASTIC TAPE, MAGNETIC DETECTABLE TYPE, COLORED RED WITH SUITABLE WARNING LEGEND DESCRIBING BURIED ELECTRICAL LINES OR ORANGE DESCRIBING BURIED TELEPHONE LINES.
7. ALL CONDUCTORS SHALL BE COPPER TYPE THIN, OR XHHW, SOLID FOR #10 AWG OR #12 AWG, AND STRANDED FOR ALL LARGER SIZES.
8. ALL WIRING SHALL BE CONCEALED IN BASES, UNDER SLAB, OR ABOVE SUSPENDED CEILING SPACE.
9. ALL WIRE AND CONDUIT SIZES ARE BASED ON 75°C THIN WIRE UNLESS OTHERWISE NOTED.
10. CONDUITS MAY BE RUN EXPOSED IN MECHANICAL AREAS, CONDUITS SHALL BE RUN PARALLEL OR PERPENDICULAR TO STRUCTURAL ELEMENTS AND SHALL BE RUN IN GROUPS. SEAL ALL PENETRATIONS THRU AROUND ALL CONDUITS WHEN PASSING INTO MECHANICAL ROOMS.
11. ALL LIGHT FIXTURES SHALL BE SUPPORTED INDEPENDENTLY OF THE SUSPENDED CEILING SYSTEM.
12. WHERE FIRST OUTLET ON BRANCH CIRCUIT IS GREATER THAN FIFTY (50) FEET FROM THE PANELBOARD, USE #10 AWG MINIMUM TO THE FIRST OUTLET.
13. ALL MOUNTING HEIGHTS ARE GIVEN TO THE CENTERLINE OF THE DEVICE UNLESS OTHERWISE NOTED. LIGHT SWITCHES, RECEPTACLES, AND TELEPHONE OUTLETS SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED. LIGHT SWITCHES TO BE MOUNTED 48" AFFX UNLESS OTHERWISE NOTED.
14. THE LOCATION OF ALL WALL MOUNTED DEVICES, INCLUDING MOUNTING HEIGHTS, SHALL BE FIELD VERIFIED WITH THE ARCHITECT PRIOR TO INSTALLATION.
15. ALL FUSES, DISCONNECT SWITCHES, AND BREAKER SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED BEFORE THE PURCHASE OR INSTALLATION OF SAID EQUIPMENT, WITH THE EQUIPMENT SUPPLIER AND THE MECHANICAL CONTRACTOR.
16. ALL DISCONNECT SWITCHES ARE TO BE FUSIBLE TYPE, FUSE IN ACCORDANCE WITH THE NAMEPLATE DATA WITH DUAL ELEMENT TYPE FUSES BY Bussman or Equal.
17. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DISCONNECTS, SWITCHES, AND RECEPTACLES UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDED BY ALL SUPPLIERS, UNLESS NOTED OTHERWISE BY OTHER DISCIPLINES.
18. COORDINATE CLOSELY.
19. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED SO THAT ALL CODE-REQUIRED AND MANUFACTURER-RECOMMENDED SERVING CLEARANCES ARE MAINTAINED. INSTALLATIONS SHALL FULLY COMPLY WITH NEC 110-26 FOR CLEARANCE REQUIREMENTS.
20. COORDINATE LOCATIONS OF ALL LIGHT FIXTURES WITH THE REFLECTED CEILING PLANS. LIGHT FIXTURES INSTALLED IN MECHANICAL AREAS SHALL HAVE MECHANICAL PIPING, EQUIPMENT, DUCTWORK, ETC.
21. GROUND SHALL BE RUN IN NEC 70 PER PROVIDE SEPARATE GROUNDING CONDUCTOR FOR ALL CIRCUITS. PROVIDE BONDING AND GROUNDING FOR WATER GROUND FOR MAIN SERVICE.
22. GROUND TELEPHONE EQUIPMENT PER NEC.
23. THE ELECTRICAL CONTRACTOR SHALL PATCH ANY WALL, CEILING, OR FLOOR OPENINGS AND PENETRATIONS RESULTING FROM REMOVAL OR NEW WORK IN ALL AREAS.
24. ALL WIRING SHALL BE CONCEALED IN METALLIC CONDUIT.
25. COMBINE HOMERUNS IN CONDUIT AS DESIGNED (3 ON 3-PHASE, 2 ON SINGLE PHASE). DO NOT OVERLOAD NEUTRALS.
26. ALL CIRCUITS SHALL BE TESTED WITH 500 VOLT TESTER PRIOR TO ENERGIZING.
27. ALL WALL OUTLET BOXES SHALL BE STEEL CITY OR RACO
28. RECEPTACLES, SWITCHES, COVERPLATES, ETC. SHALL BE HUBBELL, LEVITON, OR LEGRAND EXCEPT AS SPECIFIED. COLOR SPECIFIED BY ARCHITECT, VENDOR COLOR PRIOR TO PURCHASE.
29. PROVIDE PULL WIRE IN ALL EMPT CONDUIT.
30. CONDUIT SHALL BE LABELED EVERY TEN FEET.
31. ALL RECEPTACLE AND SWITCH PLATES SHALL BE LEGIBLY MARKED WITH LABEL MARKER TO CLEARLY INDICATE PANELBOARD CIRCUIT AND CIRCUIT NUMBER. IF LABEL SHOULD BE ON THE INSIDE OR OUTSIDE FACE OF PLATE COORDINATE WITH OWNERS/ARCHITECT.
32. PROVIDE PHENOLIC LABELS ON ALL MAJOR EQUIPMENT INCLUDING SWITCHBOARDS, MOTOR CONTROL CENTERS, PANELBOARDS, WHERE OF RECEPTACLES ARE NOT ACCESSIBLE, PROVIDE OF BREAKER.
33. THREE-LAYER LAMINATED PLASTIC, WHITE LETTERS ON BLACK BACKGROUND.
34. ALL CIRCUIT BREAKERS IN PANEL SHALL BE SERIES RATED WITH MAIN BREAKER OR FULLY RATED FOR THE SYSTEM.
35. CONTRACTOR SHALL PROVIDE ENGINEER A MINIMUM OF 3 COPIES OF SHOP DRAWINGS FOR LIGHTS, SWITCHGEAR, PANELS, ETC.
36. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE W/ ALL OTHER TRADES REGARDING FLOODING, LOADS, CIRCUIT BREAKERS, ETC. PRIOR TO BEGINNING ANY WORK.
37. AS USED ON THESE DOCUMENTS, THE WORD "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL THE ITEM OR EQUIPMENT AND MAKE THE FINAL CONNECTION AS REQUIRED.
38. PANELS SHALL BE BY SQUARE "D", C.E. AND SIEMENS. PANELS SHALL BE SQUARE "D" TYPE NODD OR "T"-LINE" AS REQUIRED.
39. FOR NEW OR MODIFIED SERVICES, PRIOR TO ENERGIZATION AND AFTER UTILITY FULT CURRENT CONFIRMATION AT THE DELIVERY POINT, PROVIDE PLAQUE AT SERVICE EQUIPMENT STATING MAXIMUM AVAILABLE FAULT CURRENT AND DATE OF CALCULATION PER NEC 110.24.
40. OPERABLE DEVICES SHALL BE ACCESSIBLE IN COMPLIANCE WITH ANS A17.1, SECTION 309, OPERABLE PANELS, WHERE OF RECEPTACLES ARE NOT ACCESSIBLE, PROVIDE OF BREAKER.
41. RECESSED LIGHTING FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE I RATED AND LABELED AS MEETING ASTM E283. OR SHALL BE TESTED TO REMOVE THEM FROM THE THERMAL ENVELOPE.
42. BRANCH CIRCUITS SERVING EAT & EMERGENCY FIXTURES SHALL BE CLEARLY LABELED ON THE PANELBOARD DIRECTORY PER NEC 110.22(A), 408.4 & 700.12(I).
43. UPON PROJECT COMPLETION, THE EC SHALL PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL NEW AND ALTERED PANELBOARDS WITH CIRCUIT DESIGNATIONS COMPLYING WITH THE REQUIREMENTS OF NEC 408.4(A).
44. ALL EXIT AND EMERGENCY BATTERY BACKUP BE FED FROM LOCAL BRANCH CIRCUIT, UNSWITCHED AND HAVE A MINIMUM OF 90 MINUTE BATTERY BACKUP PER NEC 700.12(J)(2).
45. ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LABELED AND LISTED BY A UL AND PARTIALLY LISTED BY A THIRD PARTY. THE LABEL SHALL BE AMONG THOSE ACCEPTABLE TO THE NEC BUILDING CODE COUNCIL, TO LABEL ELECTRICAL AND MECHANICAL EQUIPMENT.



Max Pipe or Conduit Diam., In	Annular Space, In	F Rating, Hr	T Rating, Hr
1	0 to 3/16	1 or 2	0+, 1 or 2
1	1/4 to 1/2	3 or 4	3 or 4
4	0 to 1/4	1 or 2	0
4	0 to 1-1/2#	1 or 2	0
6	1/4 to 1/2	3 or 4	0
12	3/16 to 3/8	1 or 2	0

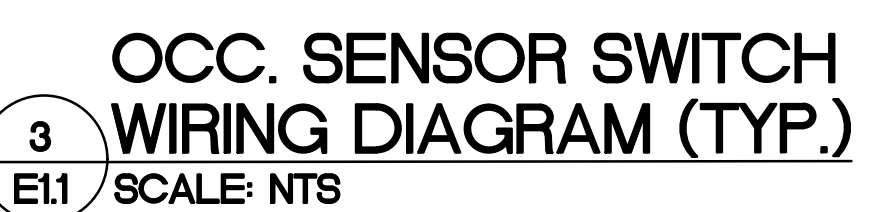
+ When copper pipe is used, T Rating is 0 h  
# 0 to 1-1/2 in. annular space applies only when Type CP-25 WB+ caulk is used

Minnesota Mining & Mfg. Co. - Types CP-25 S/L, CP-25 N/S, CP-25 WB, CP-25 WB+.  
(NOTE: L Rating apply only when Type CP-25 WB+ caulk is used).  
\*Bearing the UL Classification Marking



NOTE:  
THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE  
REQUIRED OVER AND UNDER THE ELECTRICAL EQUIPMENT FOR THE CABLES,  
RACEWAYS, ETC... TO AND FROM THE ELECTRICAL EQUIPMENT REQUIRED BY  
SECTION 110.26(F) OF THE NATIONAL ELECTRICAL CODE.

**E1.1 / SCALE: NTS**



### OCC. SENSOR SWITCH WIRING DIAGRAM (TYP.)

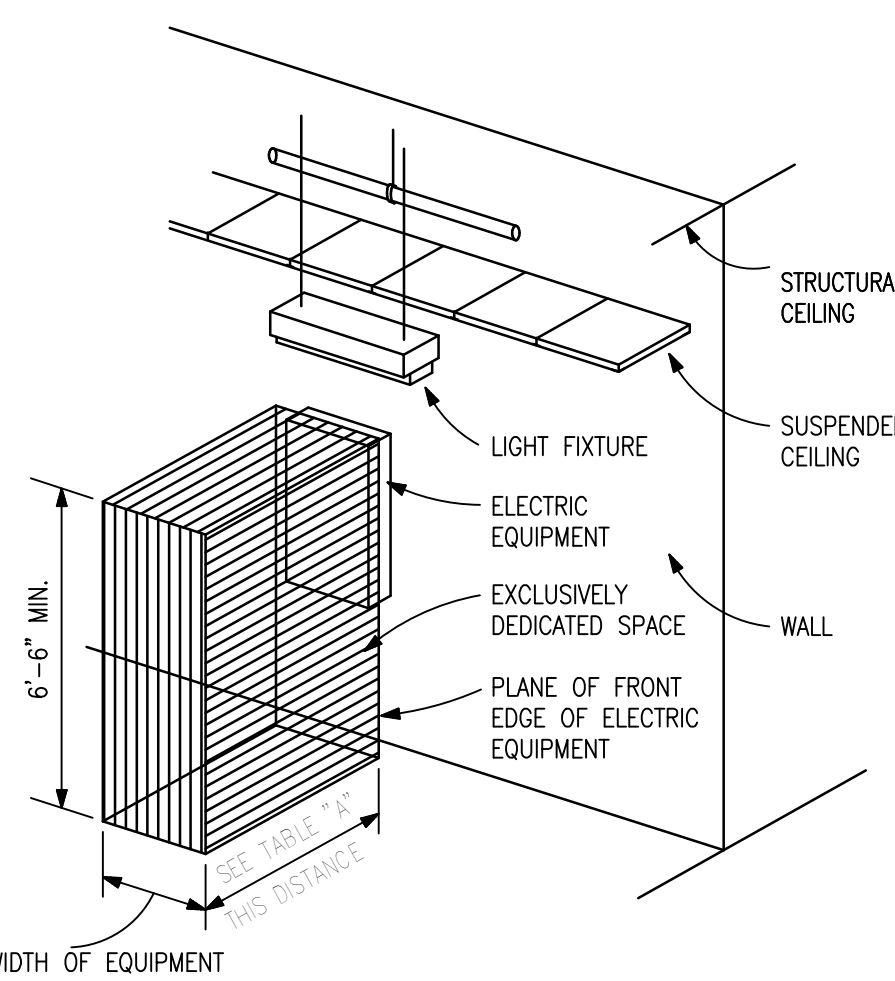
TABLE "A"				
WORKING CLEARANCES				
VOLTAGE TO GROUND, NOMINAL	MINIMUM CLEAR DISTANCE (FEET)			
	CONDITION:	1	2	3
0-150		3	3	3
151-600		3	3 1/2	4

WHERE THE "CONDITIONS" ARE AS FOLLOWS:


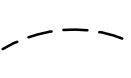
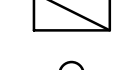
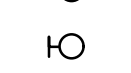
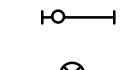





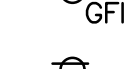

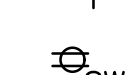






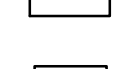

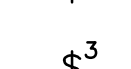
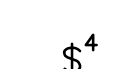
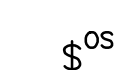

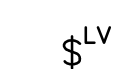
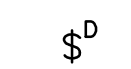
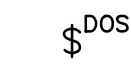
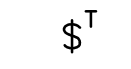








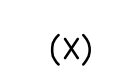
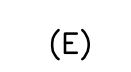
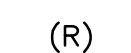




1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS, INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.
2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE
3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

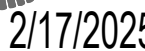
NOTE:  
THIS FIGURE ILLUSTRATES THE  
WORKING SPACE IN FRONT OF  
ELECTRIC EQUIPMENT REQUIRED  
BY SECTION 110.26 OF THE  
NATIONAL ELECTRICAL CODE.

**E1.1 / SCALE: NTS**



(ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT)

- |   |   |
|---|---|
|    | HOMERUN TO POWER SOURCE, 2#12, #12G 1/2" CUN  |
|    | BRANCH CIRCUIT WIRING CONCEALED IN WALLS AND CEILINGS   |
|    | BRANCH CIRCUIT WIRING CONCEALED UNDER FLOOR OR UNDERGROUND  |
|    | RECESSED LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE   |
|    | DOWNLIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE  |
|    | WALL MOUNTED LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE   |
|    | SURFACE MOUNTED LIGHT FIXTURE, REFER TO LUMINAIRE SCHEDULE  |
|    | EXIT SIGN, DIRECTIONAL ARROWS AS INDICATED, REFER TO LUMINAIRE SCHEDULE   |
|    | EMERGENCY LIGHT, REFER TO LUMINAIRE SCHEDULE  |
|    | EXIT/EMERGENCY LIGHT COMBINATION, REFER TO LUMINAIRE SCHEDULE   |
|    | DUPLEX RECEPTACLE   |
|    | QUADRUPLX RECEPTACLE  |
|    | SIMPLEX RECEPTACLE, AMP RATING AS NOTED, OR MATCH BREAKER SIZE  |
|    | GFCI RECEPTACLE   |
|    | WEATHERPROOF WHILE N USE GFCI RECEPTACLE  |
|    | TAMPER RESISTANT RECEPTACLE   |
|    | SHOW WINDOW RECEPTACLE MOUNTED 18" MAX ABOVE WINDOW   |
|    | FLUSH MOUNTED FLOOR RECEPTACLE, CLOSED COVER WHILE-IN-USE   |
|    | FLUSH MOUNTED RECEPTACLE AND DATA, CLOSED COVER WHILE-IN-USE  |
|    | JUNCTION BOX FOR POWER CONNECTION   |
|    | EQUIPMENT POWER CONNECTION  |
|    | FUSED DISCONNECT SWITCH   |
|    | NON-FUSED DISCONNECT SWITCH   |
|    | PANELBOARD  |
|    | DRY TYPE TRANSFORMER  |
|   | SINGLE POLE SWITCH  |
|  | THREE WAY SWITCH  |
|  | FOUR WAY SWITCH   |
|  | WALL MOUNTED DUAL TECH OCCUPANCY SENSOR SWITCH (LINE VOLTAGE)   |
|  | CEILING OR WALL MOUNTED DUAL TECH OCCUPANCY SENSOR (LINE VOLTAGE)   |
|  | LOW VOLTAGE LIGHTING CONTROL SWITCH   |
|  | DIMMER SWITCH. 1500W SLIDER TYPE  |
|  | DIMMER SWITCH WITH DUAL TECHNOLOGY OCCUPANCY SENSOR   |
|  | WALL MOUNTED DECORATOR DIGITAL TIMER SWITCH WITH ON/OFF BUTTON, 48" AFF, 120/277V PROGRAMMABLE - INTERMATIC E1400 SERIES OR EQUAL.  |
|  | LIGHTING CONTACTOR, MECHANICALLY HELD   |
|  | LIGHTING CONTROL PANEL  |
|  | COMBINATION TELEPHONE/DATA OUTLET, EMPTY SINGLE GANG BOX WITH 3/4" STUDDED ABOVE CEILING.   |
|  | CABLE TV OUTLET, EMPTY SINGLE GANG BOX WITH 3/4" STUDDED ABOVE CEILING. COORDINATE CABLE MOUNTING HEIGHT WITH GC PRIOR TO ROUGH-IN. |
|  | CARD READER ROUGH-IN, WITH EMPTY 3/4" STUDDED ABOVE CEILING   |
|  | BUILDING GROUND CONNECTION POINT, 3/8" COPPER STUD WITH #6 WIRE ROUTED TO GROUND BUS AT SERVICE DISCONNECT                          |
|  | PHOTOCELL, MOUNT WITH SENSOR FACING NORTH, EXACT LOCATION TO BE DETERMINED  |
|  | EXISTING EQUIPMENT TO BE REMOVED  |
|  | EXISTING EQUIPMENT TO REMAIN  |
|  | EXISTING EQUIPMENT TO BE RELOCATED  |



### CONSTRUCTION SET

Date: 2.17.25

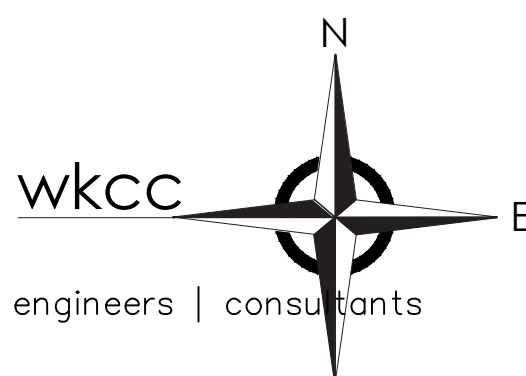
## REVISIONS

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**ALTIS SERENITY  
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NORTH CAROLINA**



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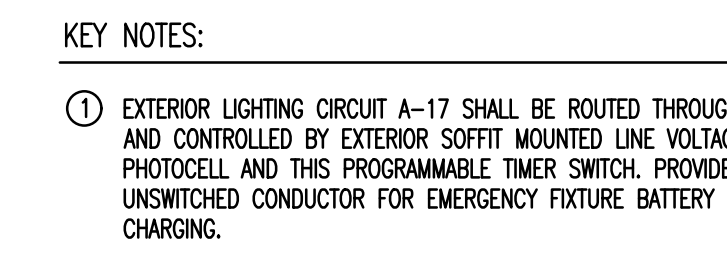


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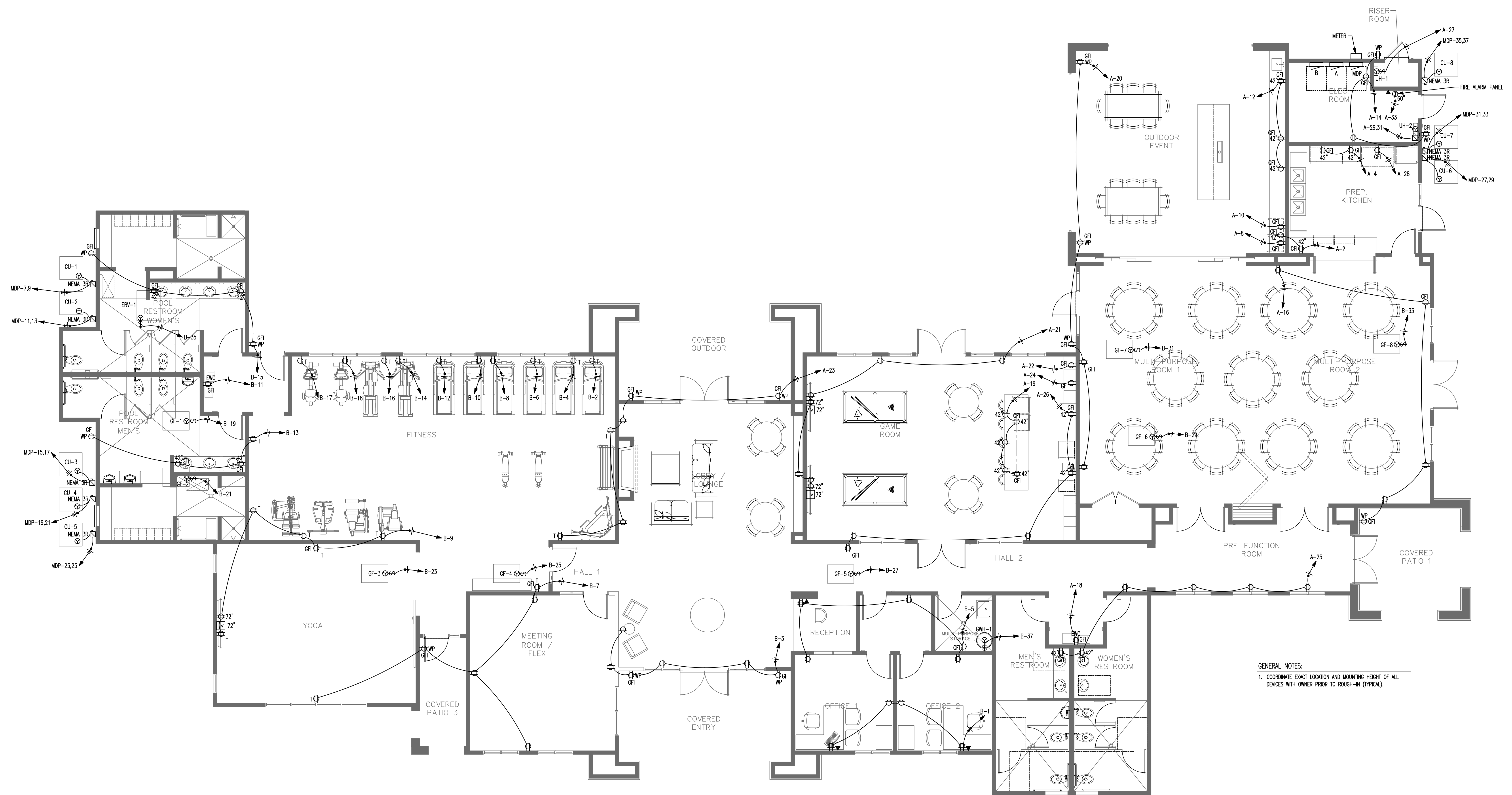
## E1.1





**1 LIGHTING PLAN**  
E21 SCALE: 3/16" = 1'-0"





GENERAL NOTES:  
1. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES WITH OWNER PRIOR TO ROUGH-IN (TYPICAL).

**1 POWER PLAN**  
E3.1 SCALE: 3/16" = 1'-0"

CONSTRUCTION SET

Date: 2-17-25

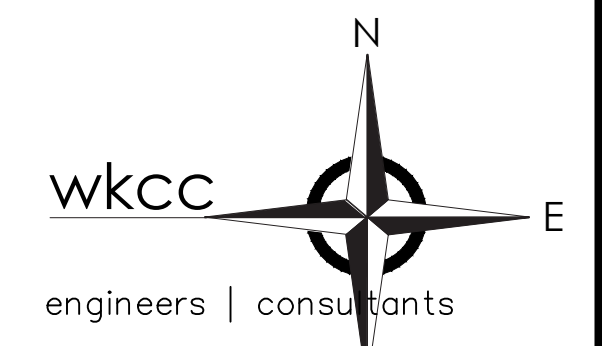
REVISIONS


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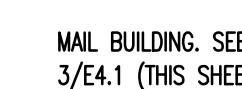
**E3.1**

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- THE EC SHALL BARE THE POOL EQUIPMENT DRAWINGS AND CONDUCT A PRE-INSTALLATION MEETING WITH THE POOL EQUIPMENT SUPPLIER (SCHEDULED THROUGH THE GC). THIS DRAWING SHOWS ELECTRICAL CONNECTIONS AND CIRCUIT SIZES BASED ON POOL EQUIPMENT DRAWINGS PROVIDED DURING DESIGN. THE EC SHALL REVIEW THE POOL DRAWINGS FOR ADDITIONAL ELECTRICAL INFORMATION PRIOR TO BIDDING. IF EQUIPMENT SIZES OR ROUGH-IN LOCATIONS CHANGE POST BID, THE EC SHALL ADJUST FUSE, BREAKER AND CIRCUIT SIZES IN COORDINATION WITH THE EQUIPMENT SUPPLIER/GC. IF FIELD CONDITIONS REDUCE LINE OF SIGHT BETWEEN PANEL "P" AND THE EQUIPMENT, DISCONNECT SWITCHES SHALL BE ADDED. POOL EQUIPMENT CONNECTIONS SHALL COMPLY WITH NEC ARTICLE 680.



## EQUIPMENT SCHEDULE

CALLOUT	SYMBOL	NEMA	VOLTAGE	BREAKER	CIRCUIT	MCA	MOCP	WIRING	NOTE 1
CHEM. PUMPS & CONTROLLER			120V 1P	20/1	P-7			1#12, #12N, #12G	
CU-1		NEMA 3R	208/120V 2P	20/2	MDP-7,9	13.8	20	1/2" C, 2#10, #10N, #10G	
CU-2		NEMA 3R	208/120V 2P	20/2	MDP-11,13	13.8	20	1/2" C, 2#10, #10N, #10G	
CU-3		NEMA 3R	208/120V 2P	15/2	MDP-15,17	8.7	15	1/2" C, 2#10, #10N, #10G	
CU-4		NEMA 3R	208/120V 2P	30/2	MDP-19,21	19.8	30	1/2" C, 2#10, #10N, #10G	
CU-5		NEMA 3R	208/120V 2P	20/2	MDP-23,25	13.8	20	1/2" C, 2#10, #10N, #10G	
CU-6		NEMA 3R	208/120V 2P	15/2	MDP-27,29	8.7	15	1/2" C, 2#12, #12N, #12G	
CU-7		NEMA 3R	208/120V 2P	30/2	MDP-31,33	19.8	30	1/2" C, 2#12, #12N, #12G	
CU-8		NEMA 3R	208/120V 2P	30/2	MDP-35,37	19.8	30	1/2" C, 2#12, #12N, #12G	
EF-1			120V 1P	20/1	A-35			1#10, #10N, #10G	
EF-2			120V 1P	20/1	A-35			1#10, #10N, #10G	
EF-3			120V 1P	20/1	A-35			1#10, #10N, #10G	
EF-4		WP	120V 1P	20/1	P-6			1#12, #12N, #12G	
EF-5		WP	120V 1P	20/1	P-8			1#12, #12N, #12G	
ERY-1			120V 1P	25/1	B-35	20.3	25	1/2" C, 1#10, #10N, #10G	
EWI-1			208/120V 2P	30/2	P-10,12			1/2" C, 2#10, #10N, #10G	
FIRE ALARM PANEL			120V 1P	20/1	A-33			1#12, #12N, #12G	
GF-1			120V 1P	15/1	B-19	7.1	15	1/2" C, 1#10, #10N, #10G	
GF-2			120V 1P	15/1	B-21	7.1	15	1/2" C, 1#10, #10N, #10G	
GF-3			120V 1P	15/1	B-23	7.3	15	1/2" C, 1#10, #10N, #10G	
GF-4			120V 1P	20/1	B-25	13.2	20	1/2" C, 1#10, #10N, #10G	
GF-5			120V 1P	15/1	B-27	7.1	15	1/2" C, 1#10, #10N, #10G	
GF-6			120V 1P	15/1	B-29	7.3	15	1/2" C, 1#10, #10N, #10G	
GF-7			120V 1P	20/1	B-31	13.2	20	1/2" C, 1#10, #10N, #10G	
GF-8			120V 1P	20/1	B-33	13.2	20	1/2" C, 1#12, #12N, #12G	
GWH-1			120V 1P	20/1	B-37			1#10, #10N, #10G	
POOL FILTRATION PUMP			208V 3P	40/3	P-1,3,5			3/4" C, 3#8, #8N, #10G	
POOL LTG		WP	120V 1P	20/1	P-9			1#12, #12N, #12G	
UH-1			120V 1P	20/1	A-27			1#12, #12N, #12G	
UH-2			208/120V 2P	20/2	A-29,31			2#12, #12N, #12G	
UH-3			208/120V 2P	20/2	P-13,15			2#12, #12N, #12G	
UH-4			208/120V 2P	20/2	P-17,19			2#12, #12N, #12G	

GENERAL NOTE: VERIFY BREAKER & WIRE SIZES WITH EQUIPMENT NAMEPLATES.

## LED LUMINAIRE SCHEDULE

CALLOUT	SYMBOL	DESCRIPTION	MODEL	LAMP	MOUNTING	INPUT WATTS	VOLTS	NOTE 1
A1		RECESSED 6" LED CAN	WILLIAMS 60R-TL-L15-8-35-DIM-UNV-O-W-OF-CS-IC-F1	LED	RECESSED	14	120V 1P 2W	
A2		6" ROUND LED DOWN - MEDIUM CEILINGS	WILLIAMS 60R-TL-L40-8-35-DIM-UNV-O-W-OF-CS-IC-F1	(1) LED	RECESSED	37	120V 1P 2W	
A3		6" ROUND LED DOWN - HIGHER CEILINGS	WILLIAMS 60R-TL-L60-8-35-DIM-UNV-O-W-OF-CS-IC-F1	(1) LED	RECESSED	54	120V 1P 2W	
A4		6" ROUND LED DOWN - HIGHER CEILINGS - SLOPED CEILINGS	WILLIAMS 60R-TL-L60-8-35-SCA-DIM-UNV-O-W-OF-CS-IC-F1	(1) LED	RECESSED	54	120V 1P 2W	
A5		RECESSED 6" LED CAN - WET LOCATION/SOWER	WILLIAMS 60R-TL-L15-8-35-DIM-UNV-S-M-OF-CS-WET/CC-IC-F1	LED	RECESSED	14	120V 1P 2W	
A6		6" ROUND LED DOWN - HIGHER CEILINGS - WET LOCATION	WILLIAMS 60R-TL-L60-8-35-DIM-UNV-L-W-OF-CS-WET/CC-IC-F1	(1) LED	RECESSED	54	120V 1P 2W	
ABE		6" ROUND LED DOWN - HIGHER CEILINGS - WET LOCATION - EMERGENCY BATTERY	WILLIAMS 60R-TL-L60-8-35-EM/10W/RTS-UNV-L-W-OF-CS-WET/CC-IC-F1	(1) LED	RECESSED	54	120V 1P 2W	
D		4' LENSED STRIPLIGHT	COLUMBIA LCL-4-35-ML-ED-U	(1) LED	SURFACE	42	120V 1P 2W	
D1		4' LENSED STRIPLIGHT - FIBERGLASS, WET LABEL, NEMA 4X CORROSION RESISTANT	LITHONIA DMW2-L24-4000LM-ACL-MD-MVOLT-GZ10-35K-BOCRI	(1) LED	PENDANT/SURFACE	40	120V 1P 2W	
FAN		CEILING FAN	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC		PENDANT/SURFACE	50	120V 1P 2W	
P1		SURFACE MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	PENDANT/SURFACE	40	120V 1P 2W	
P2		SURFACE MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	PENDANT/SURFACE	15	120V 1P 2W	
P3		SURFACE MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	PENDANT/SURFACE	25	120V 1P 2W	
P4		SURFACE MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	PENDANT/SURFACE	25	120V 1P 2W	
P5		SURFACE MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	PENDANT/SURFACE	25	120V 1P 2W	
P6		SURFACE MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	PENDANT/SURFACE	30	120V 1P 2W	
S1		WALL MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	WALL	10	120V 1P 2W	
S2		WALL MOUNTED FIXTURE	SELECTED BY OWNER, PROVIDED/INSTALLED BY EC	(1) LED	WALL	10	120V 1P 2W	
SL1		12' POLE MOUNTED LED FIXTURE	LITHONIA RAD1 LED P3 35K-ASY-MVOLT-RPA	(1) LED	POLE	54	120V 1P 2W	12' POLE: RSS-12-48-DM19RAD-DOBXD. INSTALL PER MFG INSTRUCTIONS.
WP		EXTERIOR FIXTURE - GOOSENECK WALL SCONCE - PHOTOCELL, FIELD SELECTABLE WATTAGE/COLOR	PLT LIGHTING #PLT-13203	(1) LED	WALL	50	120V 1P 2W	
XC		EXIT / EMERGENCY LIGHT	COMPASS COR	(1) LED	WALL/CEILING	4	MULTIPLE	UNSWITCHED
XRH		EMERGENCY LIGHT (REMOTE HEAD)	COMPASS COR	(1) LED	WALL/CEILING	2	MULTIPLE	UNSWITCHED
XX		EMERGENCY LIGHT	COMPASS CUZ	(1) LED	WALL/CEILING	1	MULTIPLE	UNSWITCHED

### GENERAL LIGHTING FIXTURE SCHEDULE NOTES:

1. FIXTURES OF EQUAL QUALITY MAY BE SUBMITTED. ALL FINAL FIXTURE TYPES, FINISHES AND ANY SUBSTITUTIONS SHALL BE REVIEWED/APPROVED BY ARCHITECT PRIOR TO RELEASE.
2. ALL EXIT, EMERGENCY & NIGHT LIGHTS (NL) SHALL BE CONNECTED "UNSWITCHED" TO LIGHTING CIRCUIT SERVING ROOM WHERE THEY ARE LOCATED.
3. COORDINATE EXACT LOCATION & MOUNTING HEIGHT WITH PLUMBING & MECHANICAL CONTRACTORS SO THAT FIXTURE IS SUSPENDED BELOW PIPING & DUCTWORK.
4. SEE ARCHITECTURAL ELEVATIONS & COORDINATE WITH GC FOR MOUNTING HEIGHTS.

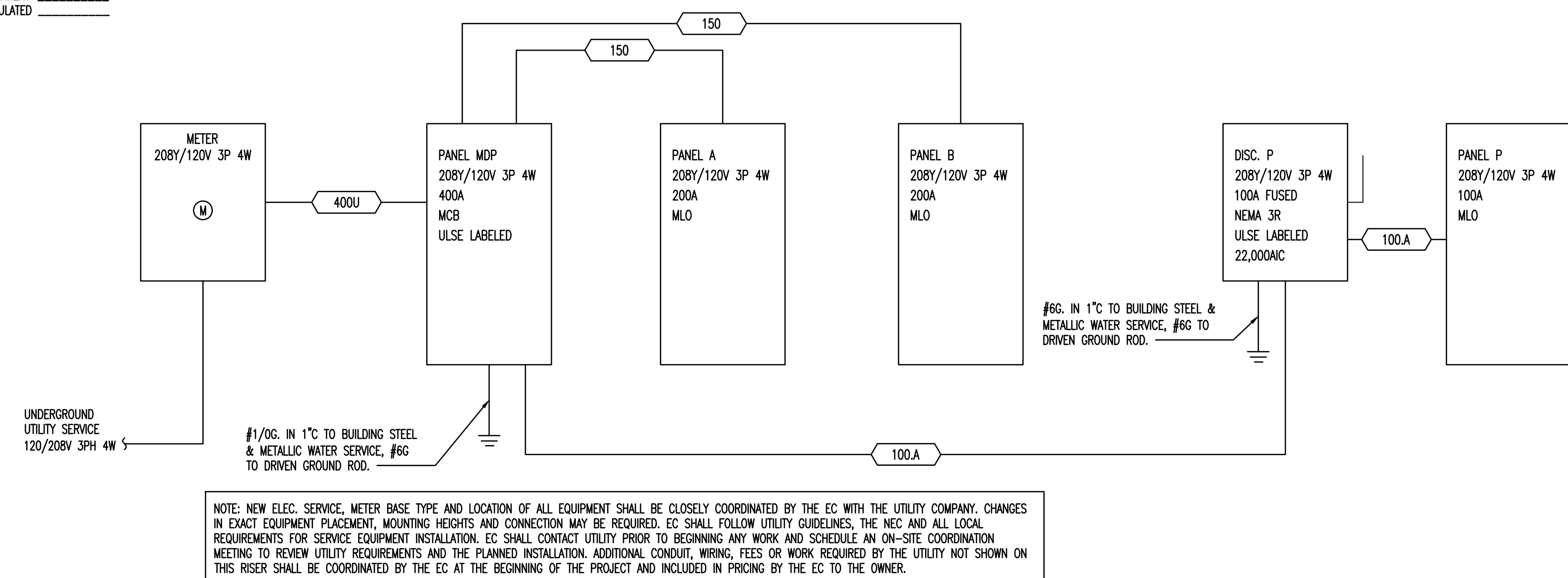
PER NEC 110.24, THE SERVICE EQUIPMENT ENCLOSURE(S) SHALL BE LEGIBLY MARKED IN THE FIELD TO INDICATE THE AVAILABLE FAULT CURRENT. THE ELECTRICAL CONTRACTOR SHALL OBTAIN FROM THE POWER COMPANY, THE ACTUAL AVAILABLE FAULT CURRENT AT THE POINT OF DELIVERY. THE CONTRACTOR SHALL CONTACT THE ENGINEER WITH THIS VALUE AND THE VERIFIED LENGTH OF CONDUCTORS RUN FROM THE POINT OF DELIVERY TO THE SERVICE ENCLOSURE FOR CALCULATIONS OF THE AVAILABLE FAULT CURRENT. THE RESULTING CALCULATED VALUE SHALL BE MARKED ON THE EXTERIOR OF THE SERVICE ENCLOSURE ON AN ENGRAVED PLACARD THAT SHALL READ AS FOLLOWS:

AVAIL. FAULT CURRENT \_\_\_\_\_  
DATE CALCULATED \_\_\_\_\_

## FEEDER SCHEDULE

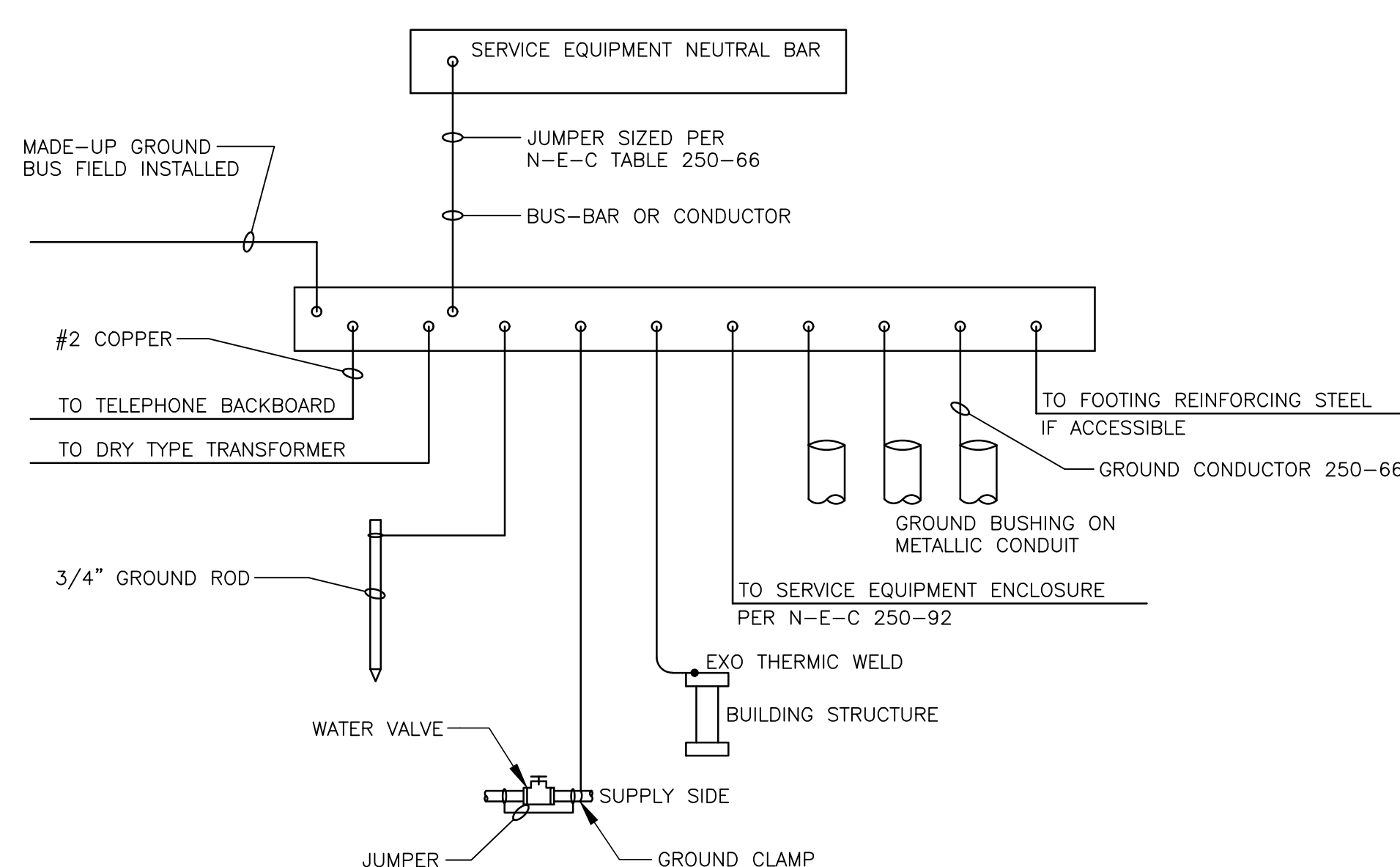
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
100A	100	1-1/2" C, 3#1, #1N, #6G	DISC. P, P
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	A, B
400U	400	(2) 2" C, 3#3/0, #3/0N	MDP

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C 1/0 AND ABOVE

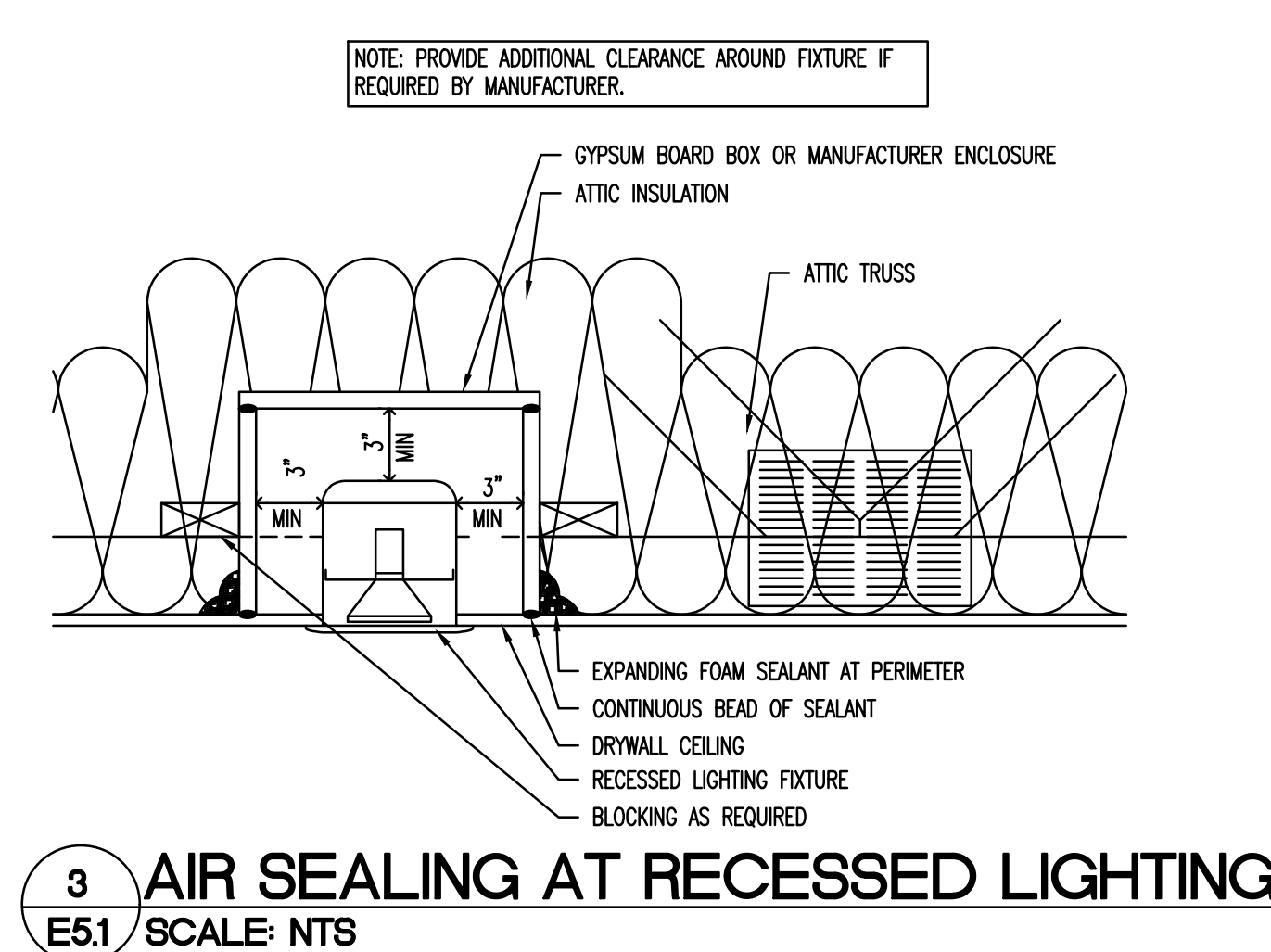


## 1 RISER DIAGRAM E5.1 SCALE: NTS

NOTE: UPON PROJECT COMPLETION, THE EC SHALL PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL NEW AND ALTERED PANELBOARDS WITH CIRCUIT DESIGNATIONS COMPLYING WITH THE REQUIREMENTS OF NEC 408.4(A).



## 2 SERVICE EQUIPMENT GROUNDING DETAIL E5.1 SCALE: NTS



## 3 AIR SEALING AT RECESSED LIGHTING E5.1 SCALE: NTS

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RALEIGH, NC 27607  
919.881.8000  
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C-1474

CONSTRUCTION SET  
Date: 2-17-25  
REVISIONS

ALTIS SERENITY  
CLUB HOUSE  
HARNETT COUNTY  
NORTH CAROLINA

tri pointe  
HOMES

E5.1



MDP														
ROOM MOUNTING SURFACE			VOLTS 208Y/120V 3P 4W			AIC 65,000			BUS AMPS 400			MAIN BKR 400		
FED FROM METER			NEUTRAL 100%						LUGS STANDARD					
NOTE ULSE LABELED														
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA					
			A	B	C				A	B	C			
1	150/3	PANEL A	8.38			2	150/3	PANEL B	9.80	8.97				
3				8.54		4								
5					8.44	6								
7	20/2	CU-1	1.44			8	100/3	FUSED DISCONNECT DISC. P	7.88		9.57			
9				1.44		10				8.99				
11	20/2	CU-2			1.44	12					8.11			
13			1.44			14	-/1	SPACE	0.00	0.00				
15	15/2	CU-3		0.90		16	-/1	SPACE						
17					0.90	18	-/1	SPACE			0.00			
19	30/2	CU-4	2.06			20	-/1	SPACE	0.00					
21				2.06		22	-/1	SPACE		0.00				
23	20/2	CU-5			1.44	24	-/1	SPACE	0.00		0.00			
25			1.44			26	-/1	SPACE						
27	15/2	CU-6		0.90		28	-/1	SPACE		0.00				
29					0.90	30	-/1	SPACE			0.00			
31	30/2	CU-7	2.06			32	-/1	SPACE	0.00					
33				2.06		34	-/1	SPACE		0.00				
35	30/2	CU-8			2.06	36	-/1	SPACE			0.00			
37			2.06			38	-/1	SPACE	0.00					
39	20/1	LIGHTING, RECEPTACLE		0.42		40	-/1	SPACE		0.00				
41	-/1	SPACE			0.00	42	-/1	SPACE			0.00			
TOTAL CONNECTED KVA BY PHASE									36.54	34.28	32.86			
			CONN KVA	CALC KVA					CONN KVA	CALC KVA				
LIGHTING			9.87	12.33	(125%)	CONTINUOUS			4.70	5.88	(125%)			
LARGEST MOTOR			11.53	2.88	(25%)	NONCONTINUOUS			14.40	14.40	(100%)			
MOTORS			13.72	13.72	(100%)	HEATING			44.08	44.08	(100%)			
RECEPTACLES			16.92	13.46	(50%-10)	COOLING			36.08	0.00	(0%)			
TOTAL LOAD									106.75					
BALANCED 3-PHASE LOAD									296.30 A					

A														
ROOM MOUNTING SURFACE			VOLTS 208Y/120V 3P 4W			AIC 22,000			BUS AMPS 200			MAIN BKR MLO		
FED FROM MDP			NEUTRAL 100%			LUGS STANDARD								
NOTE														
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA					
			A	B	C				A	B	C			
1	20/1	LIGHTING	0.93			2	20/1	RECEPTACLE	0.36					
3	20/1	LIGHTING		1.21		4	20/1	RECEPTACLE		0.36				
5	20/1	LIGHTING			0.86	6	-/1	SPACE			0.00			
7	-/1	SPACE	0.00			8	20/1	REFRIG UNDER COUNTER	0.70					
9	20/1	LIGHTING		1.15		10	20/1	REFRIG UNDER COUNTER		0.70				
11	20/1	LIGHTING			1.08	12	20/1	RECEPTACLE			0.54			
13	20/1	LIGHTING	0.88			14	20/1	RECEPTACLE	0.72					
15	20/1	CLG FAN		0.15		16	20/1	RECEPTACLE		0.90				
17	20/1	LIGHTING			1.24	18	20/1	WATER COOLER			0.70			
19	20/1	RECEPTACLE	0.90			20	20/1	RECEPTACLE	0.90					
21	20/1	RECEPTACLE		1.26		22	20/1	REFRIG UNDER COUNTER		0.70				
23	20/1	RECEPTACLE			1.08	24	20/1	REFRIG UNDER COUNTER			0.70			
25	20/1	RECEPTACLE	1.08			26	20/1	RECEPTACLE	0.90					
27	20/1	UH-1		1.00		28	20/1	REFRIG		1.00				
29	20/2	UH-2			1.00	30	-/1	SPACE			0.00			
31			1.00			32	-/1	SPACE	0.00					
33	20/1	(HL) FIRE ALARM PANEL		0.10		34	-/1	SPACE		0.00				
35	20/1	EF-1, EF-2, EF-3, LIGHTING			1.24	36	-/1	SPACE			0.00			
37	-/1	SPACE	0.00			38	-/1	SPACE	0.00					
39	-/1	SPACE		0.00		40	-/1	SPACE		0.00				
41	-/1	SPACE			0.00	42	-/1	SPACE			0.00			
TOTAL CONNECTED KVA BY PHASE									8.38	8.54	8.44			
			CONN KVA	CALC KVA					CONN KVA	CALC KVA				
LIGHTING			8.46	10.58	(125%)	RECEPTACLES			9.00	9.00	(50%>10)			
LARGEST MOTOR			0.11	0.03	(25%)	CONTINUOUS			0.10	0.13	(125%)			
MOTORS			0.30	0.30	(100%)	NONCONTINUOUS			4.50	4.50	(100%)			
						HEATING			3.00	3.00	(100%)			
TOTAL LOAD									27.53					
BALANCED 3-PHASE LOAD									76.40 A					

P														
ROOM MOUNTING SURFACE			VOLTS 208Y/120V 3P 4W						AIC 22,000					
FED FROM DISC. P			BUS AMPS 100						MAIN BKR MLO					
NOTE			NEUTRAL 100%						LUGS STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA					
			A	B	C				A	B	C			
1	40/3	(ST) POOL FILTRATION PUMP	3.84			2	20/1	LIGHTING	0.34	0.90				
3				3.84		4	20/1	RECEPTACLE						
5					3.84	6	20/1	EF-4			0.70			
7	20/1	(ST) CHEM. PUMPS & CONTROLLER	0.50			8	20/1	EF-5	0.70					
9	20/1	POOL LTG		0.50		10	30/2	EWB-1		2.25				
11	20/1	LIGHTING			0.32	12					2.25			
13	20/2	UH-3	1.50			14	-/1	SPACE	0.00					
15				1.50		16	-/1	SPACE		0.00				
17	20/2	UH-4			1.00	18	-/1	SPACE	0.00		0.00			
19			1.00			20	-/1	SPACE						
21	-/1	SPACE		0.00		22	-/1	SPACE		0.00				
23	-/1	SPACE			0.00	24	-/1	SPACE			0.00			
TOTAL CONNECTED KVA BY PHASE									7.88	8.99	8.11			
			CONN KVA	CALC KVA					CONN KVA	CALC KVA				
LIGHTING			1.16	1.46	(125%)	RECEPTACLES			0.90	0.90	(50%>10)			
LARGEST MOTOR			11.53	2.88	(25%)	CONTINUOUS			4.50	5.63	(125%)			
MOTORS			13.42	13.42	(100%)	HEATING			5.00	5.00	(100%)			
TOTAL LOAD									29.28					
BALANCED 3-PHASE LOAD									81.28 A					

GENERAL PANELBOARD NOTES:

- EXISTING LOADS ACCOUNTED FOR BY METERED DEMAND.
- \*LH

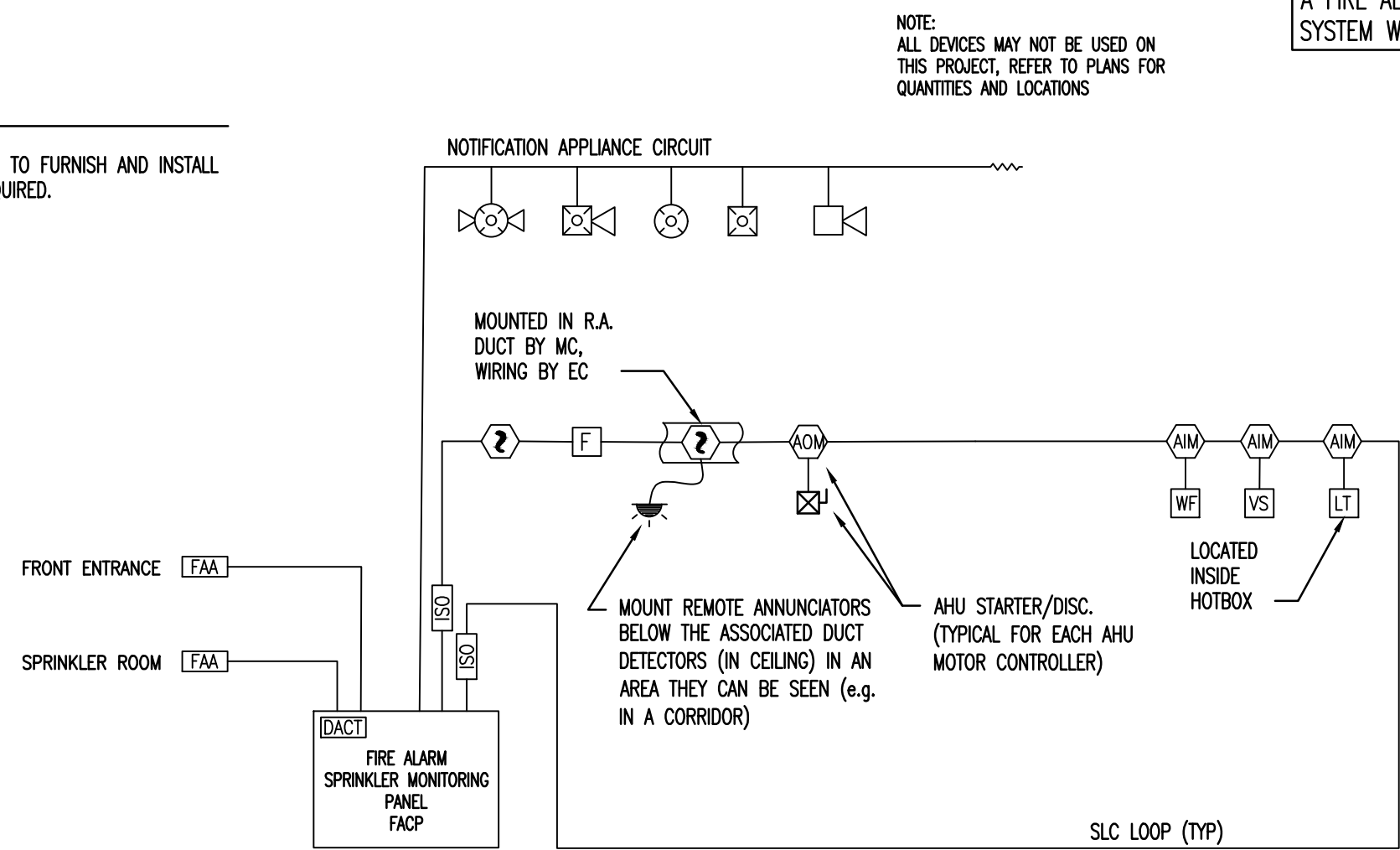


FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX SPRINKLER MONITORING ONLY													SYSTEM OUTPUTS																																																																																																																																																																																																																																																						
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ABBREVIATIONS	
AFG	ABOVE FINISHED GRADE
AFU	ABOVE FINISHED FLOOR
BLDG	BUILDING
C	CONDUIT
CLG	CEILING
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EX	EXISTING TO REMAIN
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
GC	GENERAL CONTRACTOR
G	GROUND
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
NA	NOT APPLICABLE
NAC	NOTIFICATION APPLIANCE CIRCUIT
NCBSC	NORTH CAROLINA STATE BUILDING CODE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOC.
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
MC	MECHANICAL CONTRACTOR
R	RELOCATED
SLC	SIGNAL LINE CIRCUIT
UL	UNDERWRITER'S LABORATORIES
UNO	UNLESS OTHERWISE NOTED
W	WIRE
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF

#### FIRE ALARM GENERAL NOTES

- AS USED ON THESE DOCUMENTS, THE WORD "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL THE ITEM OR EQUIPMENT AND MAKE THE FINAL CONNECTION AS REQUIRED.

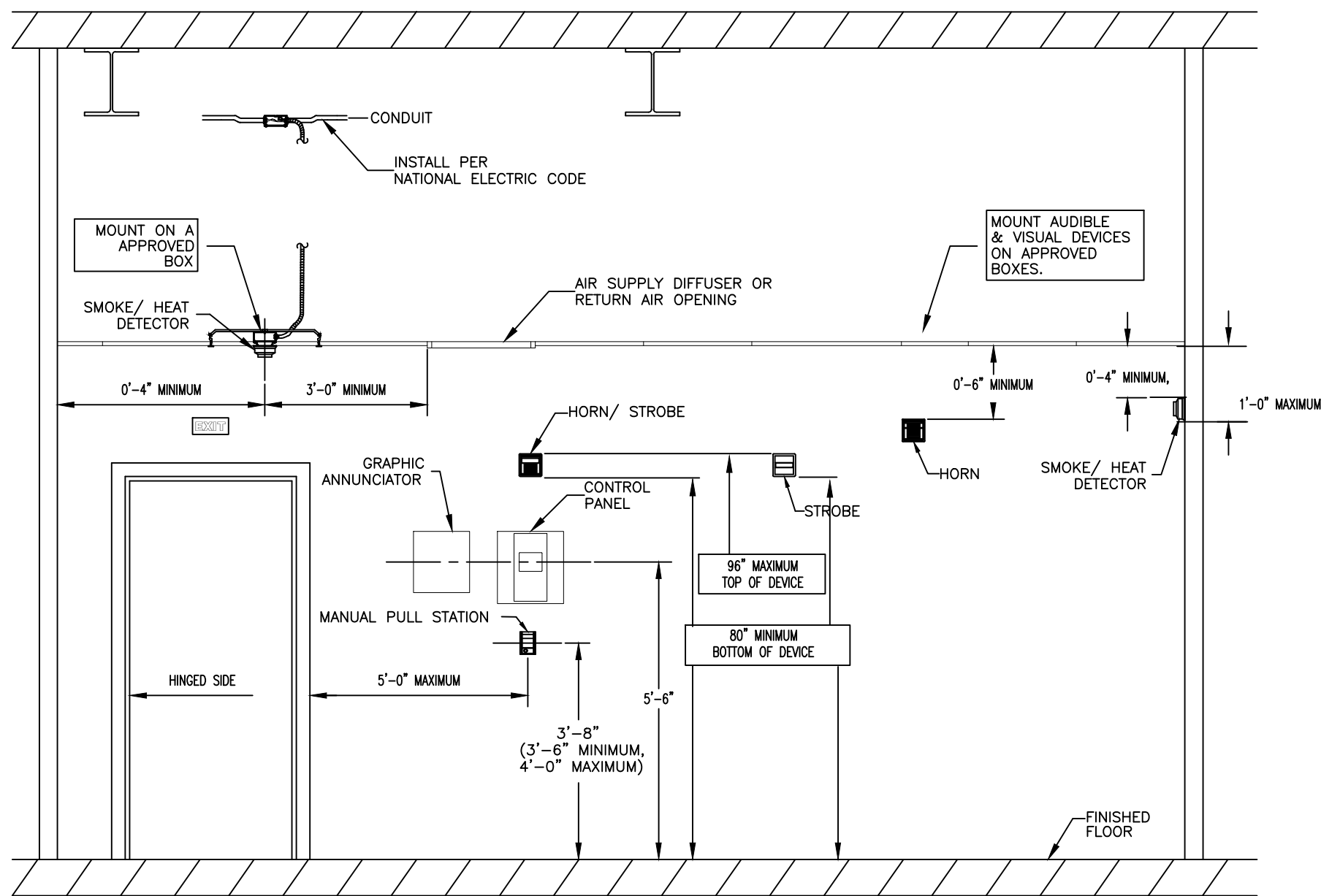


#### 1 FIRE ALARM RISER DIAGRAM FA11 SCALE: NTS

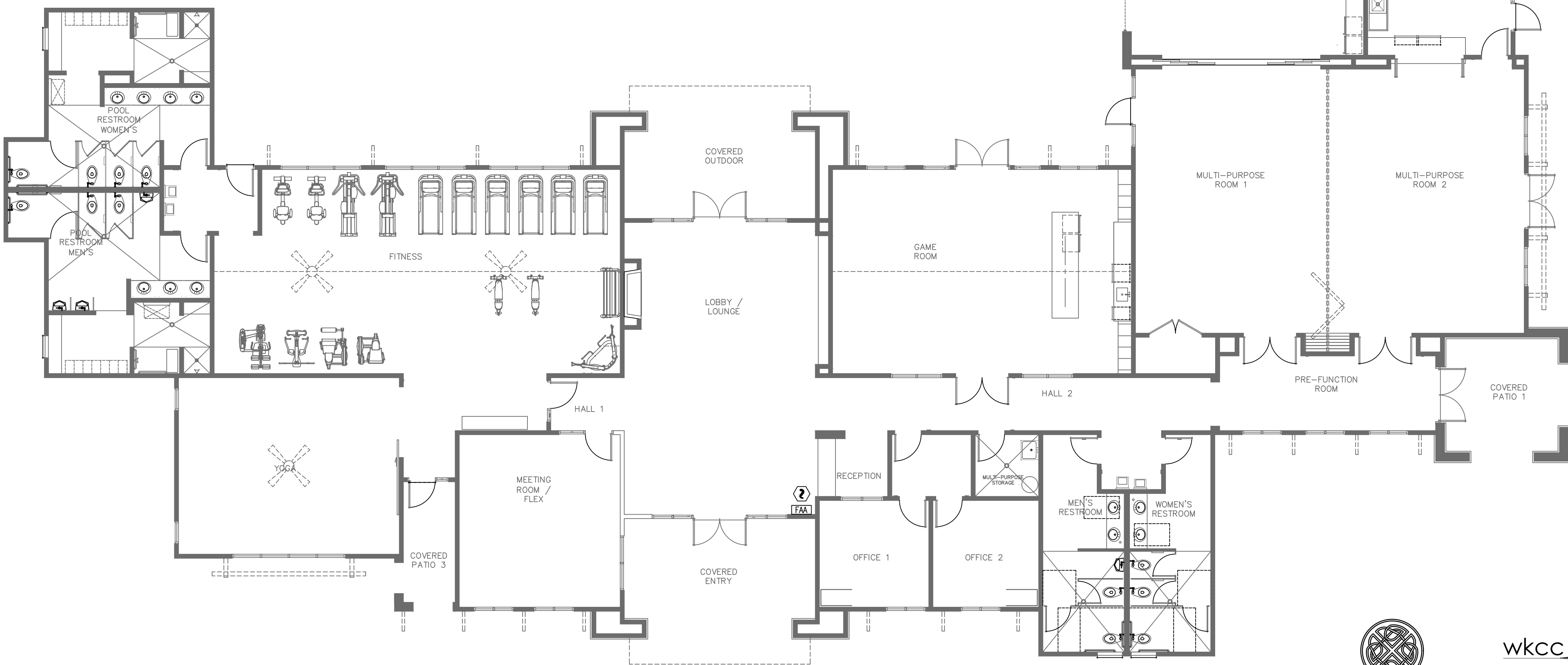
##### FIRE ALARM RISER NOTES

- PROVIDE "ADDRESSABLE" FIRE ALARM SYSTEM AS SHOWN. ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 72. ALL WIRING SHALL BE SIZED AS REQUIRED BY THE MANUFACTURER.
- SEE FIRE ALARM PLAN FOR LOCATION AND NUMBER OF DEVICES. THE DRAWINGS INDICATE THE SUGGESTED LOCATIONS FOR INITIATING, NOTIFICATION, AND OTHER MISCELLANEOUS DEVICES INDIRECTLY CONNECTED TO THE FIRE ALARM SYSTEM. MISCELLANEOUS REQUIREMENTS ARE FOR THE GENERAL INFORMATION OF THE CONTRACTOR EXACT LOCATIONS, INSTALLATIONS, AND CONNECTIONS SHALL BE PER FIRE ALARM MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS FOR A COMPLETED SYSTEM. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL BOXES, JUNCTION BOXES, AND MISCELLANEOUS REQUIREMENTS AS REQUIRED BY FIRE ALARM EQUIPMENT SUPPLIER.
- PROVIDE BATTERY CALCULATIONS FOR THE DEVICES REQUIRED. ALLOW 25% ADDITIONAL CAPACITY FOR FUTURE DEVICES.
- FIRE SEAL ALL CONDUIT PENETRATIONS.
- PROVIDE GRAPHIC ANNUNCIATOR CHART AT THE MAIN LOBBY TO INDICATE ALL DEVICE POINT ASSIGNMENTS AND LOCATIONS.
- ALL COMPONENTS SHALL BE COMPATIBLE. PROVIDE ALL NECESSARY CONTROL WIRING AND CONDUIT PER MANUFACTURER'S REQUIREMENTS.
- INITIATION OF FIRE ALARM SHALL CAUSE ALL AIR HANDLING UNITS TO SHUT DOWN.
- ALL DEVICES/SUBMITTALS SHALL BE APPROVED BY THE FIRE MARSHALL PRIOR TO ORDERING/INSTALLATION.
- COORDINATE QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES WITH SPRINKLER CONTRACTOR.

#### NFPA 72 AND ADA DEVICE INSTALLATION REQUIREMENTS

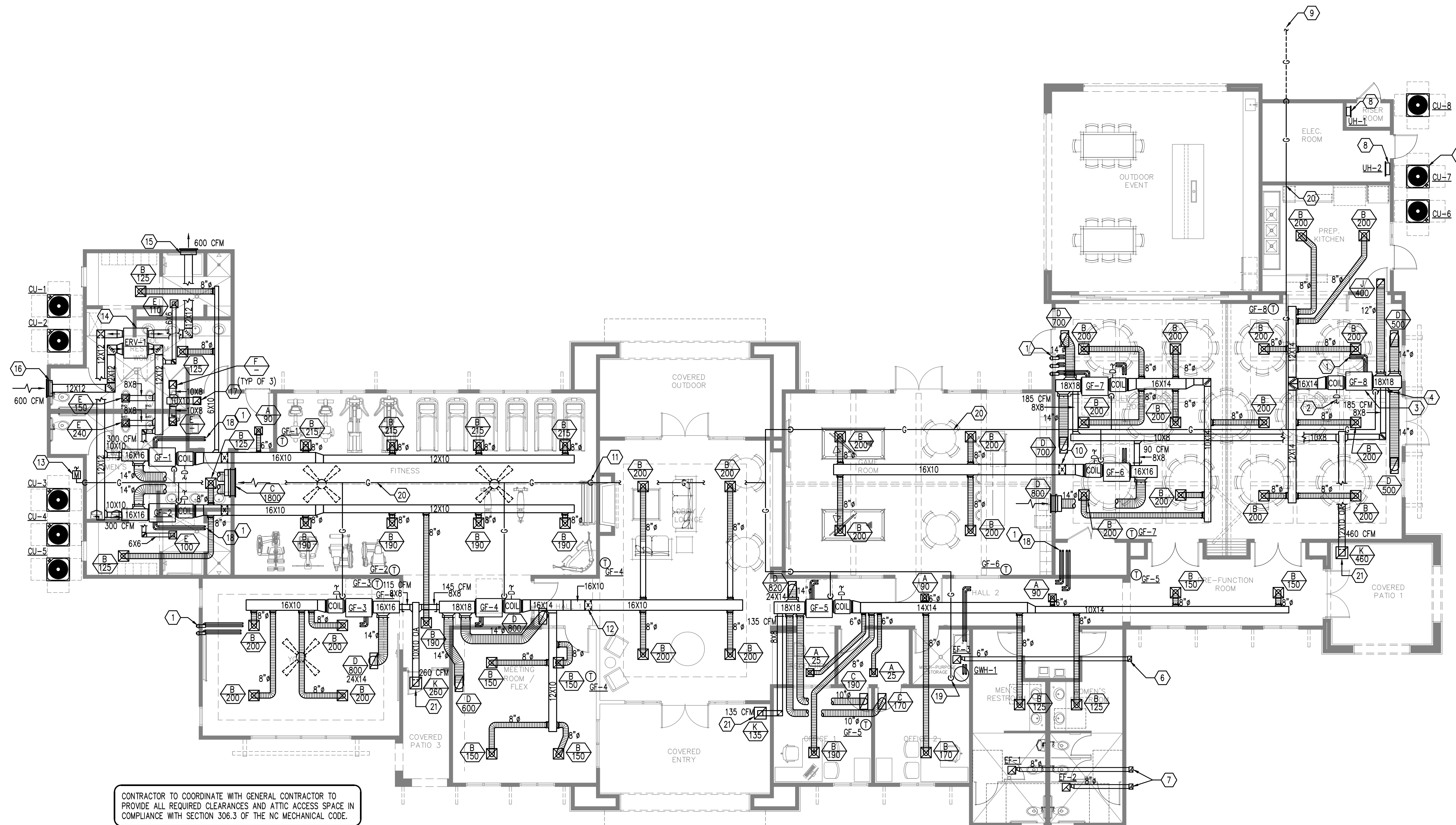


#### 2 FIRE ALARM DEVICE MOUNTING DETAIL FA11 SCALE: NTS



#### 3 FIRE ALARM PLAN FA11 SCALE: 1/8"=1'-0"

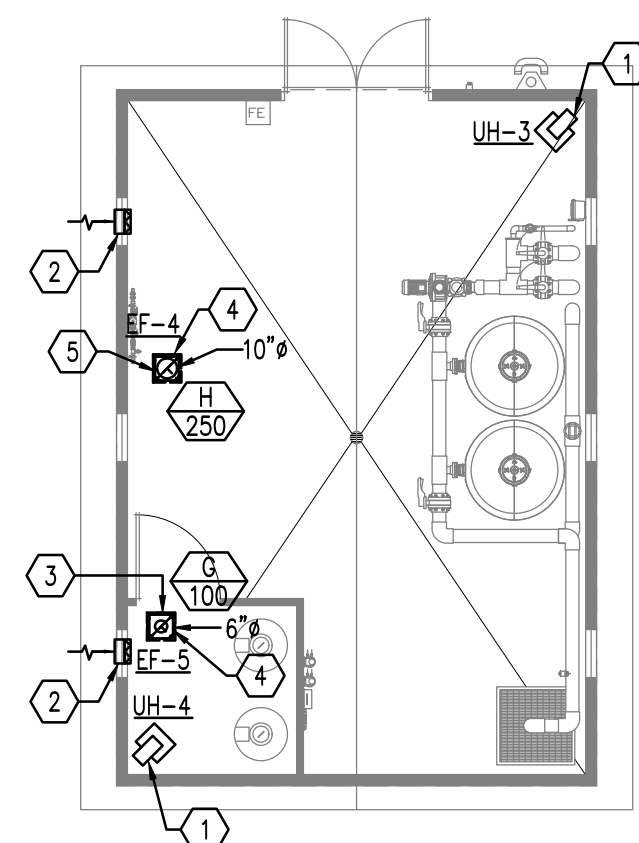




CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE ALL REQUIRED CLEARANCES AND ATTIC ACCESS SPACE IN COMPLIANCE WITH SECTION 306.3 OF THE NC MECHANICAL CODE.

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

- 1/M PLAN NOTES**
- 1 ROUTE COMBUSTION AIR INTAKE AND GAS VENT TO CONCENTRIC VENT AT ROOF OR EXTERIOR WALL. LOCATE VENT A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR TO LOCATE CONCENTRIC VENT AS HIDDEN AS FEASIBLY POSSIBLE. (TYPICAL)
  - 2 PROVIDE GAS FURNACE WITH AUX. DRAIN PAN AND FLOAT SWITCH. FIELD ROUTE DRAIN LINE TO DRY WELL. (TYPICAL)
  - 3 SUSPEND GAS FURNACE FROM STRUCTURE IN ATTIC. MOUNT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE REQUIRED CLEARANCES AND ACCESS. COORDINATE WITH BUILDING STRUCTURE. (TYPICAL)
  - 4 OUTSIDE AIR DUCT CONNECTION TO GAS FURNACE RETURN. PROVIDE MANUAL VOLUME DAMPER IN DUCT. SEE GAS FURNACE SCHEDULE FOR MINIMUM CFM. (TYPICAL)
  - 5 MOUNT OUTDOOR CONDENSING UNIT ON 4" THICK CONCRETE PAD. ALLOW FOR CLEARANCES. MOUNT PER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY ACTUAL LOCATION OF OUTDOOR CONDENSING UNIT. (TYPICAL)
  - 6 ROUTE 6" EXHAUST DUCT TO EAVES VENT. LOCATE EXHAUST DISCHARGE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE.
  - 7 ROUTE 8" EXHAUST DUCT TO EAVES VENT. LOCATE EXHAUST DISCHARGE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE. (TYPICAL)
  - 8 ELECTRIC WALL HEATER. MOUNT 12" A.F.F. INSTALL OUTSIDE EXIT EGRESS PATH. (TYPICAL)
  - 9 ROUTE GAS PIPING UNDERGROUND TO TWO GAS GRILLS LOCATED IN ADJACENT PATIO AREA. FIELD COORDINATE EXACT LOCATIONS. PROVIDE SHUTOFF VALVE FOR EACH GRILL.
  - 10 TURN 16X10 SUPPLY DUCT UP AND ROUTE THROUGH TRUSS OPENINGS. COORDINATE WITH BUILDING STRUCTURE.
  - 11 TURN GAS PIPING UP TO ROUTE IN ATTIC SPACE ABOVE LOBBY AREA.
  - 12 TURN 16X10 SUPPLY DUCT UP. ROUTE TO ABOVE LOBBY AREA. COORDINATE WITH BUILDING STRUCTURE.
  - 13 GAS METER BY GAS COMPANY. COORDINATE ACTUAL LOCATION WITH GAS COMPANY.
  - 14 ERV UNIT (ERV-1) TO BE MOUNTED IN ATTIC. SUPPORT FROM STRUCTURE. ALLOW FOR ALL REQUIRED ACCESS AND CLEARANCES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. FIELD COORDINATE ALL DUCT ROUTING AND UNIT CONNECTIONS. UNIT SHOWN OFFSET FOR CLARITY.
  - 15 PROVIDE DOWCO MODEL DBE 24X18 DRAINABLE EXHAUST LOUVER IN EXTERIOR WALL. COORDINATE WITH BUILDING STRUCTURE. PROVIDE WITH 6" DEEP INSULATED SHEET METAL PLENUM ON BACK OF LOUVER. VERIFY LOUVER IS LOCATED A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE. CONNECT 12X12 EXHAUST DUCT TO PLENUM.
  - 16 PROVIDE DOWCO MODEL DBE 24X18 DRAINABLE INTAKE AIR LOUVER IN EXTERIOR WALL. COORDINATE WITH BUILDING STRUCTURE. PROVIDE WITH 6" DEEP INSULATED SHEET METAL PLENUM ON BACK OF LOUVER. VERIFY LOUVER IS LOCATED A MINIMUM OF 10 FEET FROM ANY VENT OR EXHAUST DISCHARGE. CONNECT 12X12 OUTSIDE AIR DUCT TO PLENUM.
  - 17 PROVIDE TRANSFER DUCTS AND CEILING MOUNTED GRILLES AS INDICATED TO ALLOW FOR MAKE-UP AIR FOR RESTROOMS. PROVIDE WITH BACKDRAFT DAMPER.
  - 18 TURN COMBUSTION AIR INTAKE AND GAS VENT PIPING UP AND ROUTE TO CONCENTRIC VENT AT EXTERIOR WALL. SECTION ABOVE.
  - 19 TURN GAS PIPING DOWN TO SERVE GAS WATER HEATER.
  - 20 GAS PIPING TO BE ROUTED IN ATTIC SPACE. COORDINATE WITH BUILDING STRUCTURE. (TYPICAL)
  - 21 OUTSIDE AIR INTAKE GRILLE MOUNTED IN CEILING OF PATIO/ENTRY. PROVIDE WITH TRANSITION AS REQUIRED. LOCATED A MINIMUM OF 10 FEET FROM ANY VENT OR EXHAUST DISCHARGE. COORDINATE WITH BUILDING STRUCTURE. (TYPICAL)

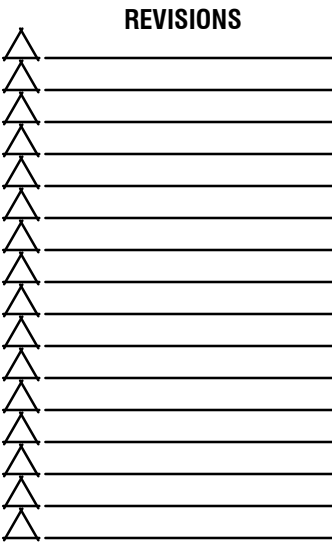


2 POOL BUILDING FLOOR PLAN - HVAC  
MI SCALE: 1/8" = 1' - 0"

- 2/M PLAN NOTES**
- 1 UNIT HEATER MOUNTED ON WALL. MOUNT A MINIMUM OF 7' A.F.F. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
  - 2 INTAKE LOUVER. DOWCO MODEL DBE-06, 12X12, WITH DAMPER. PROVIDE DAMPER WITH GRAVITY ACTUATOR. LOUVER TO HAVE A MINIMUM FREE AREA OF .3 SF. PROVIDE WITH KYNAR FINISH. (TYPICAL)
  - 3 EXHAUST GRILLE MOUNTED IN CEILING. ROUTE 6" EXHAUST DUCT TO FAN ON ROOF. PROVIDE WITH 1 HOUR FIRE WRAP FROM RATED CEILING TO FAN. DUCTWORK TO BE GALVANIZED 22 GAUGE MINIMUM.
  - 4 EXHAUST FAN TO BE MOUNTED ON ROOF. PROVIDE WITH ROOF CURB AND MANUFACTURER'S ROOF MOUNTING KIT. FIELD VERIFY ACTUAL LOCATION. ALLOW FOR REQUIRED CLEARANCES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. VERIFY FAN CAN BE SERVICED FROM PORTABLE EXTERIOR LADDER. VERIFY ACCESSIBILITY OF SERVICE REQUIREMENTS WITH LOCAL AUTHORITY PRIOR TO INSTALLATION. (TYPICAL)
  - 5 EXHAUST GRILLE MOUNTED IN CEILING. ROUTE 10" EXHAUST DUCT TO FAN ON ROOF. DUCTWORK TO BE GALVANIZED 20 GAUGE MINIMUM.

REVISIONS





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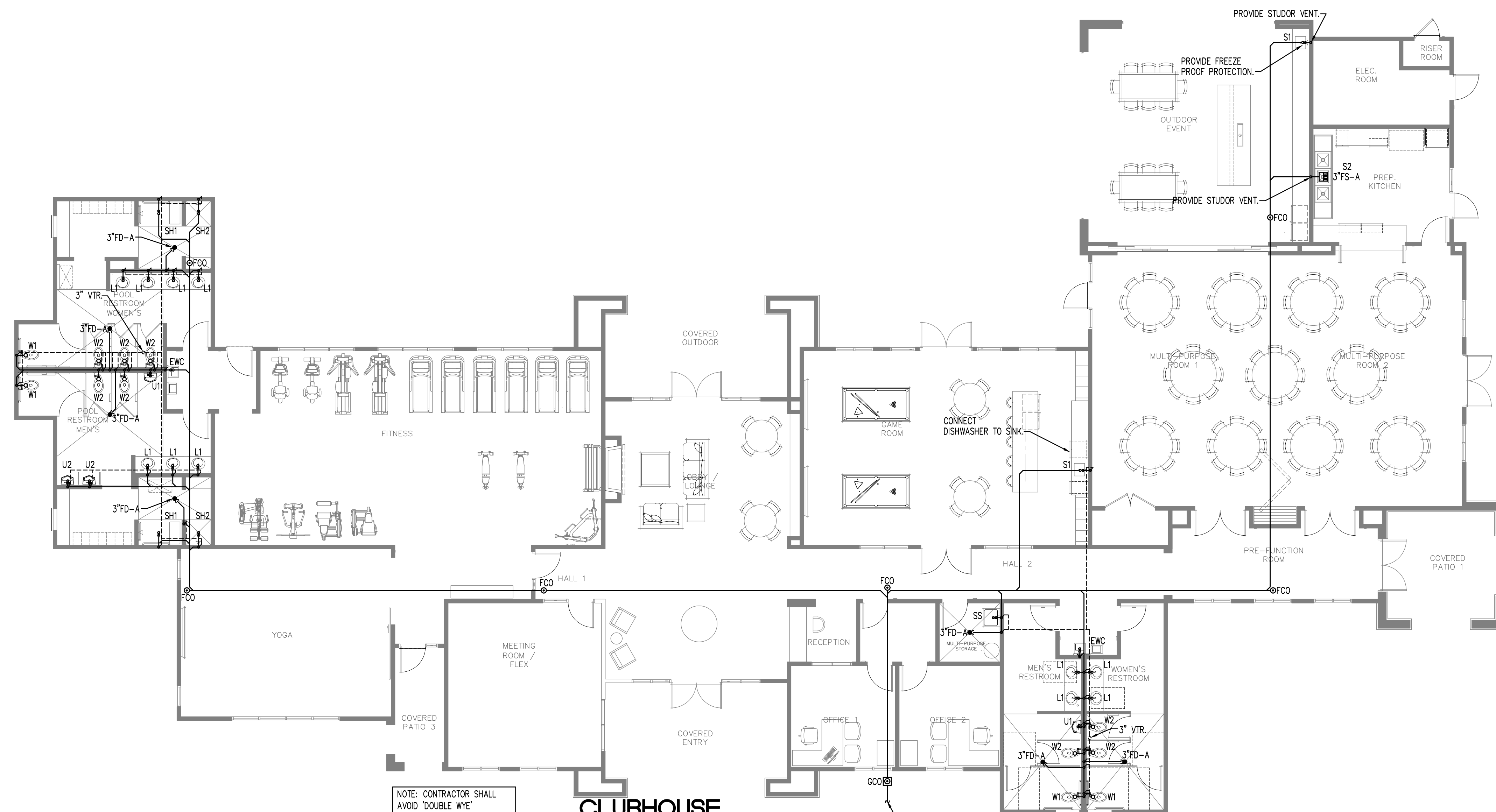
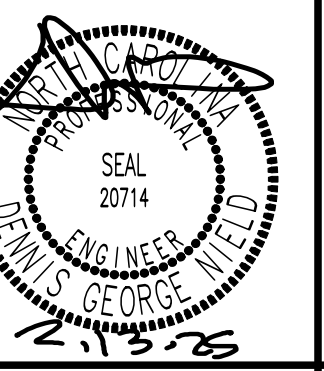
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M2

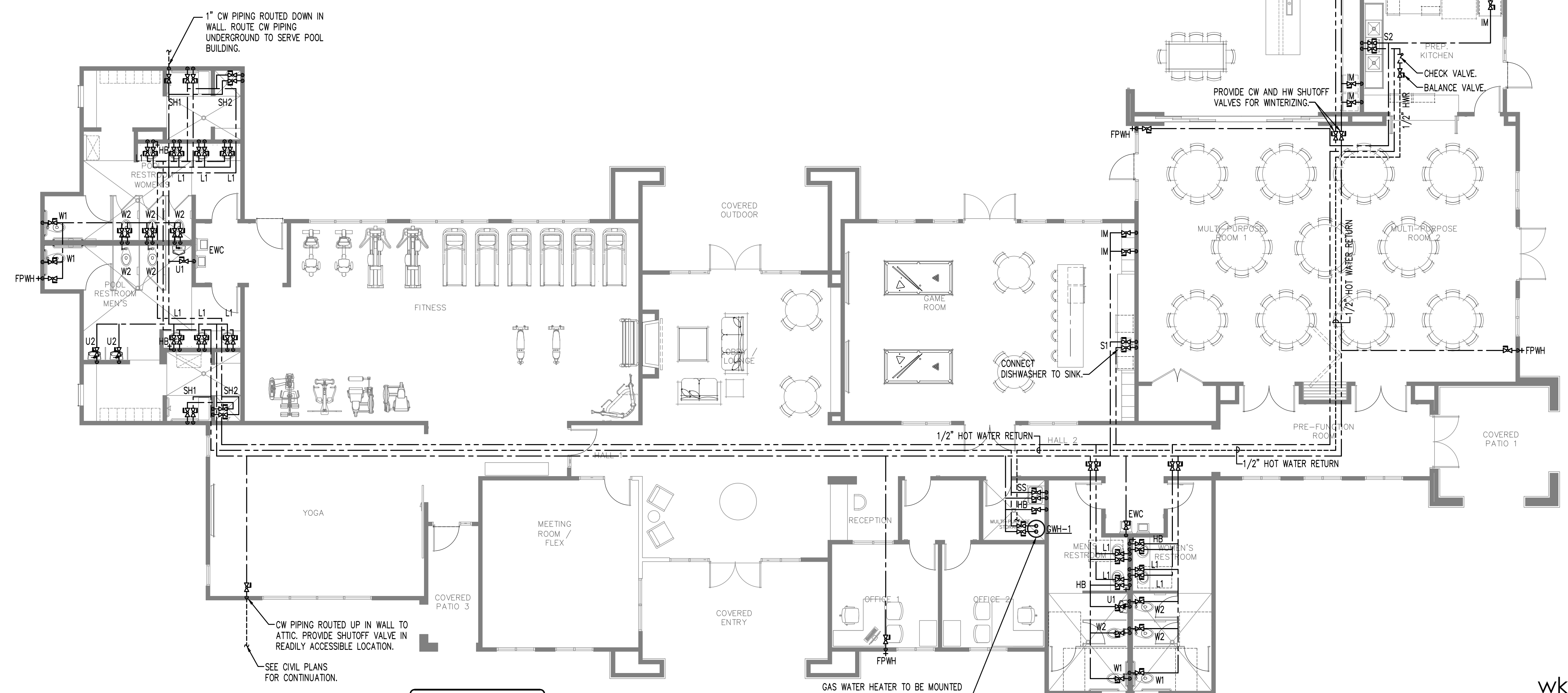




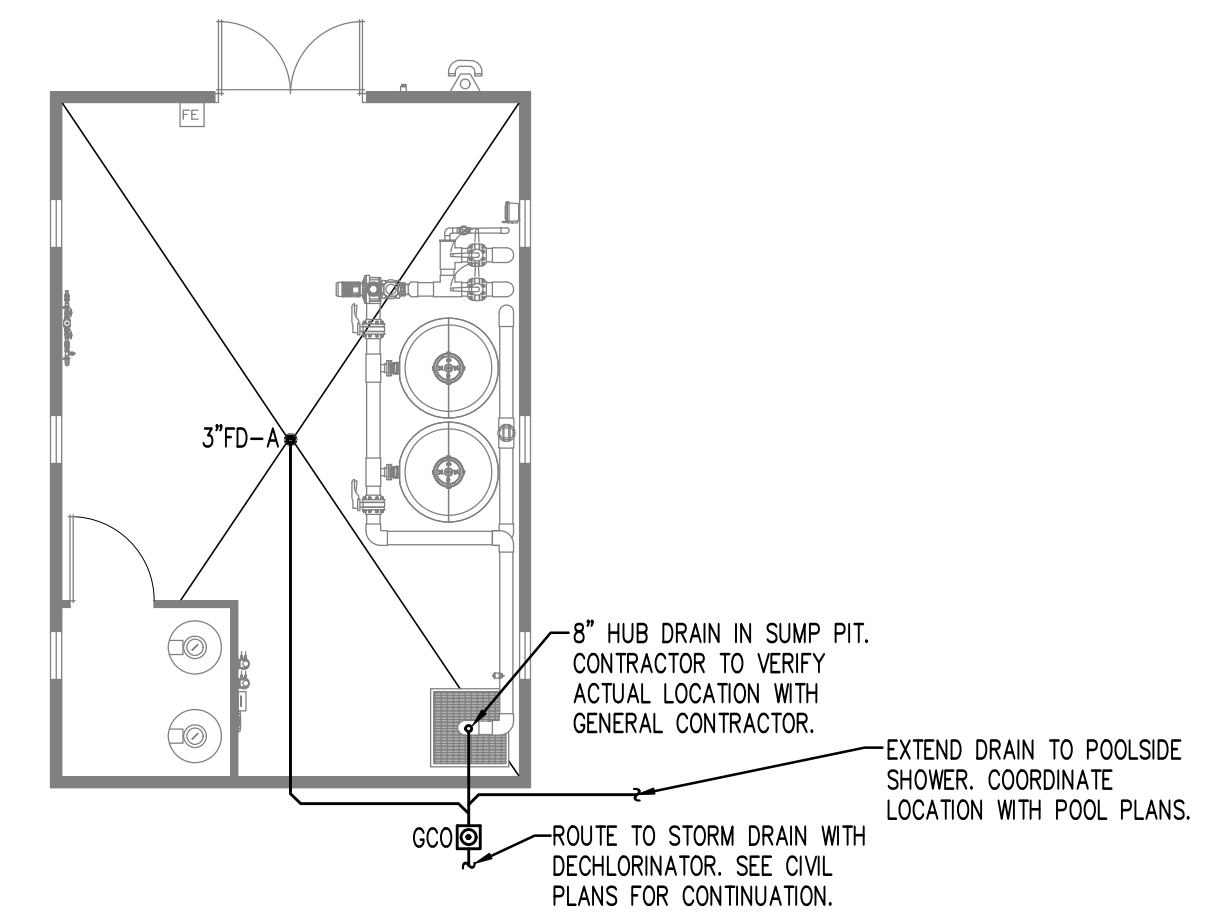




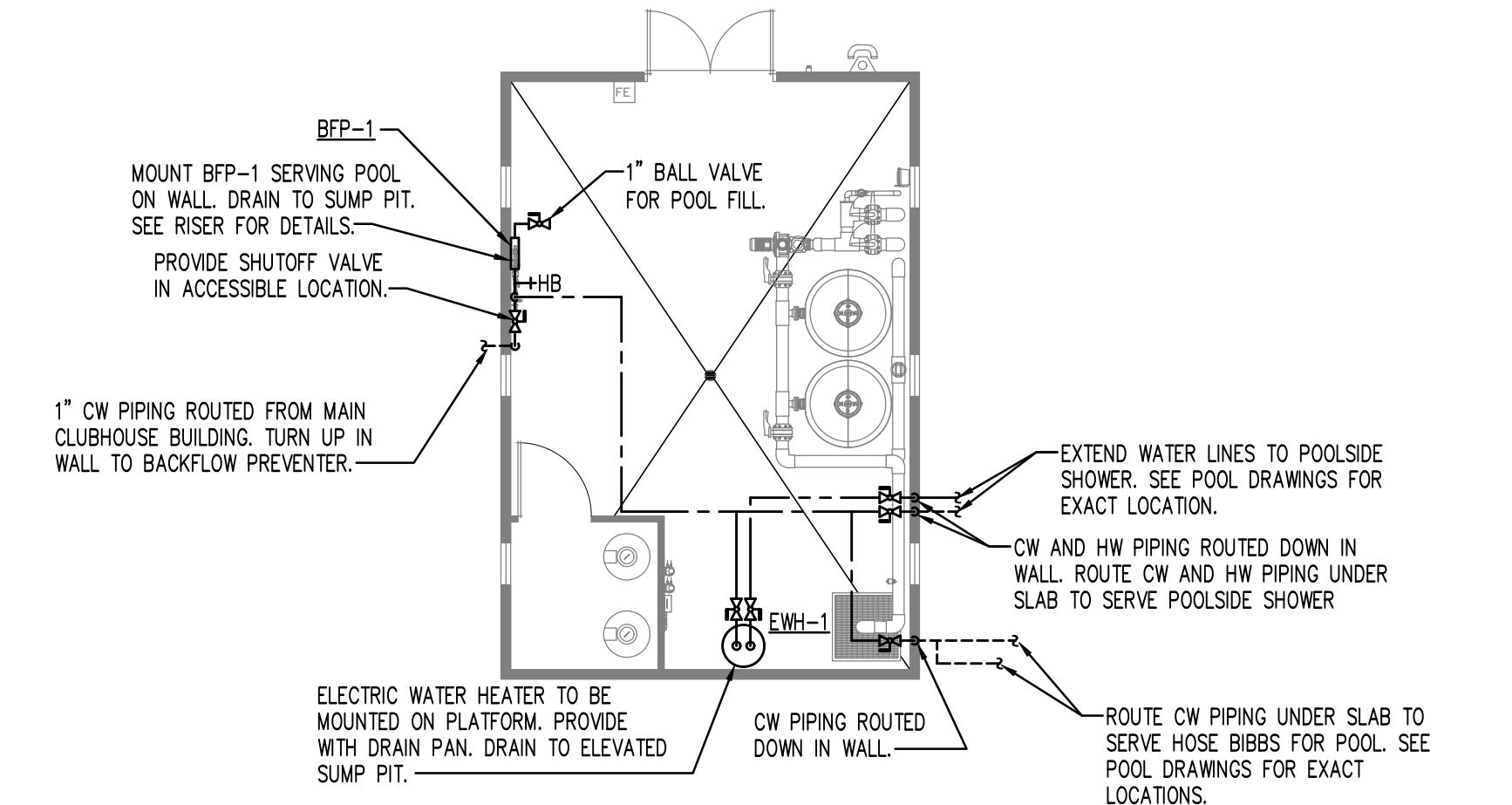
**1 CLUBHOUSE FLOOR PLAN - S.W. + V**  
PI SCALE: 1/8" = 1' - 0"



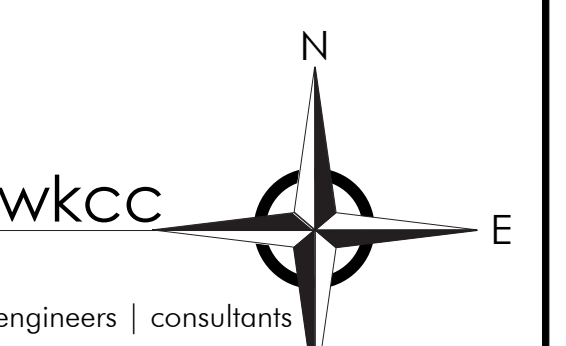
**4 CLUBHOUSE FLOOR PLAN - WATER**  
PI SCALE: 1/8" = 1' - 0"



**2 POOL EQUIPMENT FLOOR PLAN - S.W. + V**  
PI SCALE: 1/8" = 1' - 0"



**3 POOL EQUIPMENT FLOOR PLAN - WATER**  
PI SCALE: 1/8" = 1' - 0"



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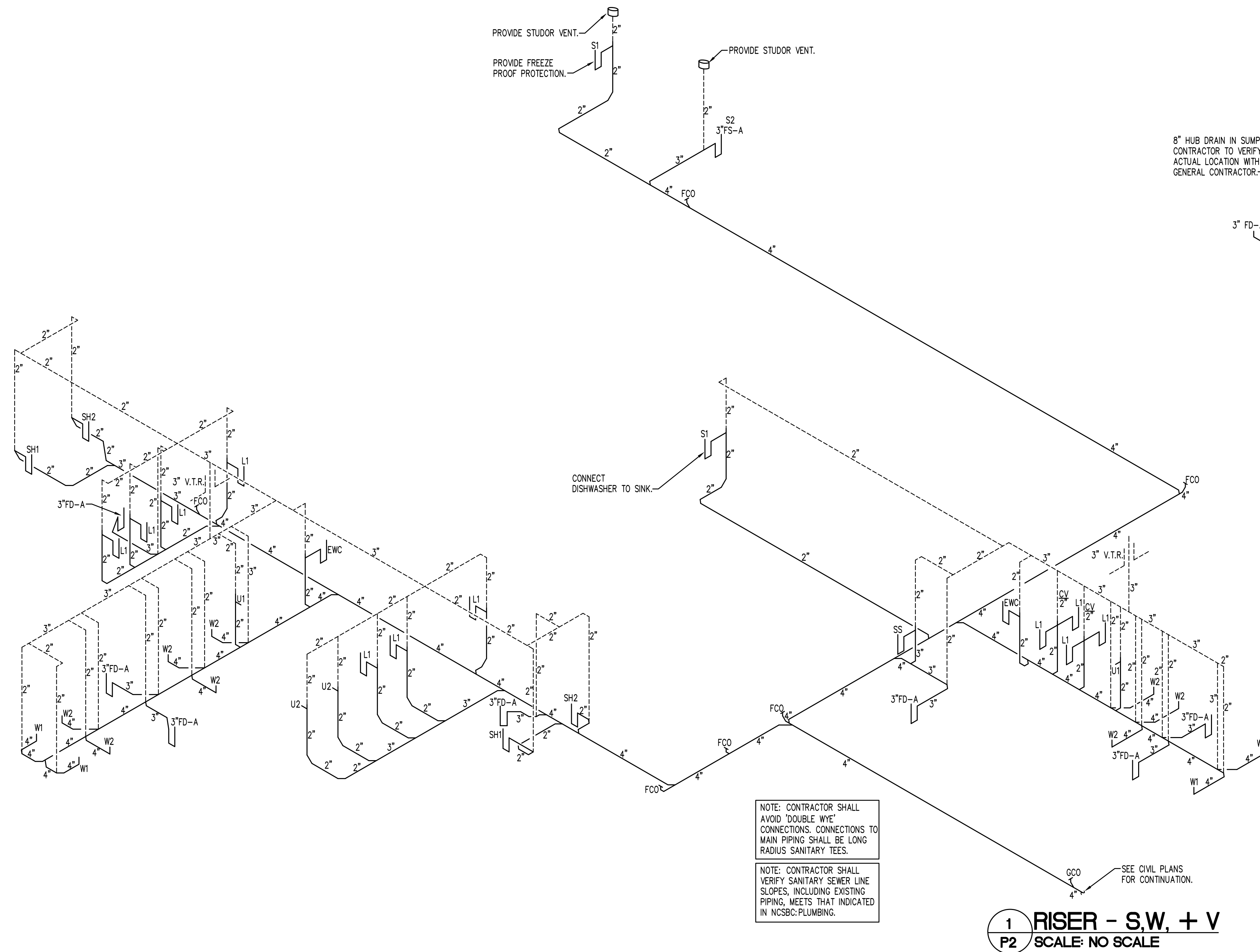
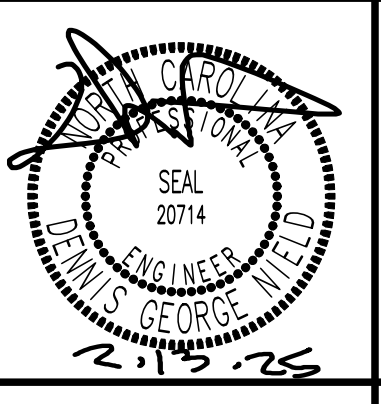
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ALTIS SERENITY CLUB HOUSE  
HARNETT COUNTY  
NORTH CAROLINA

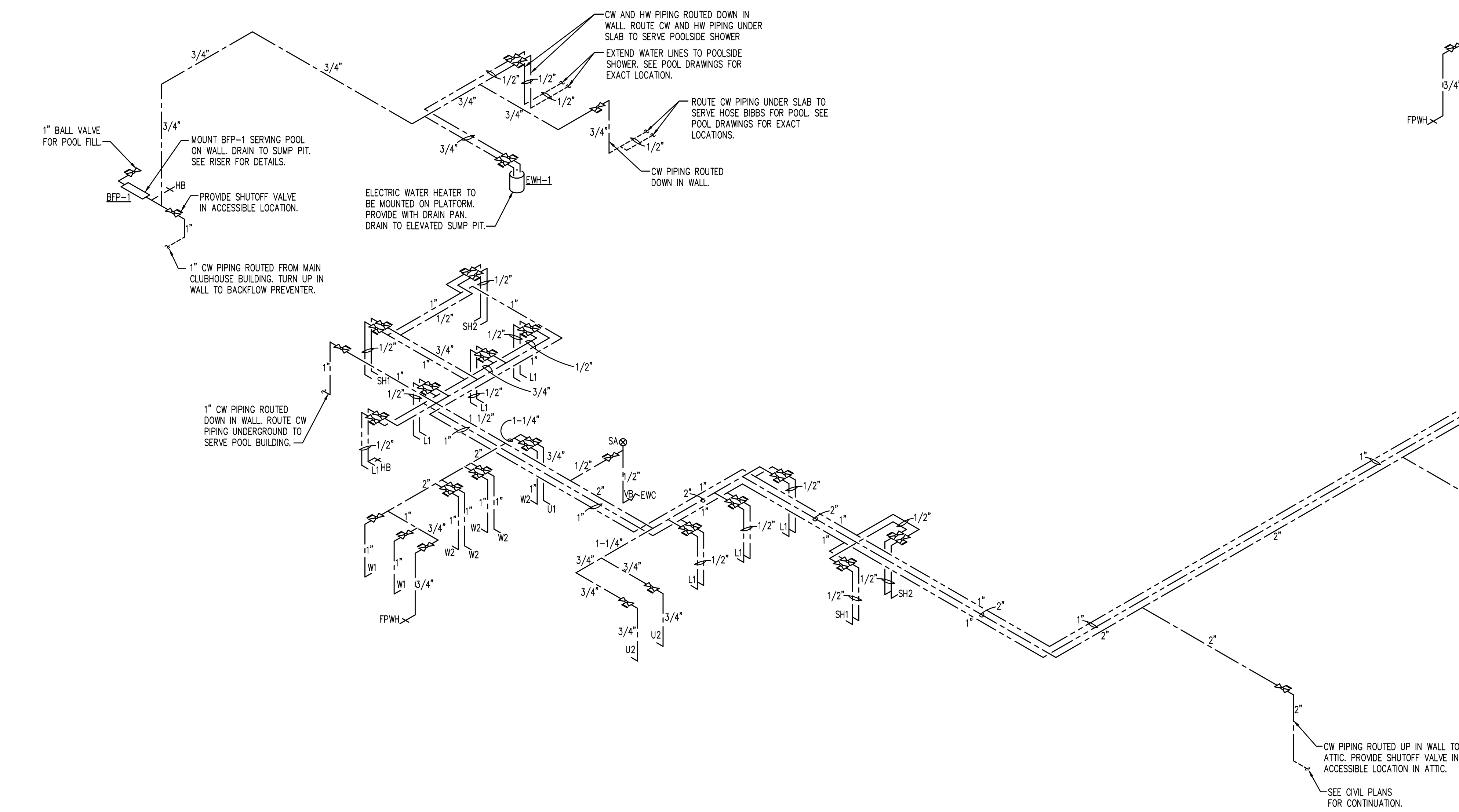
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PLUMBING FLOOR PLANS

P1



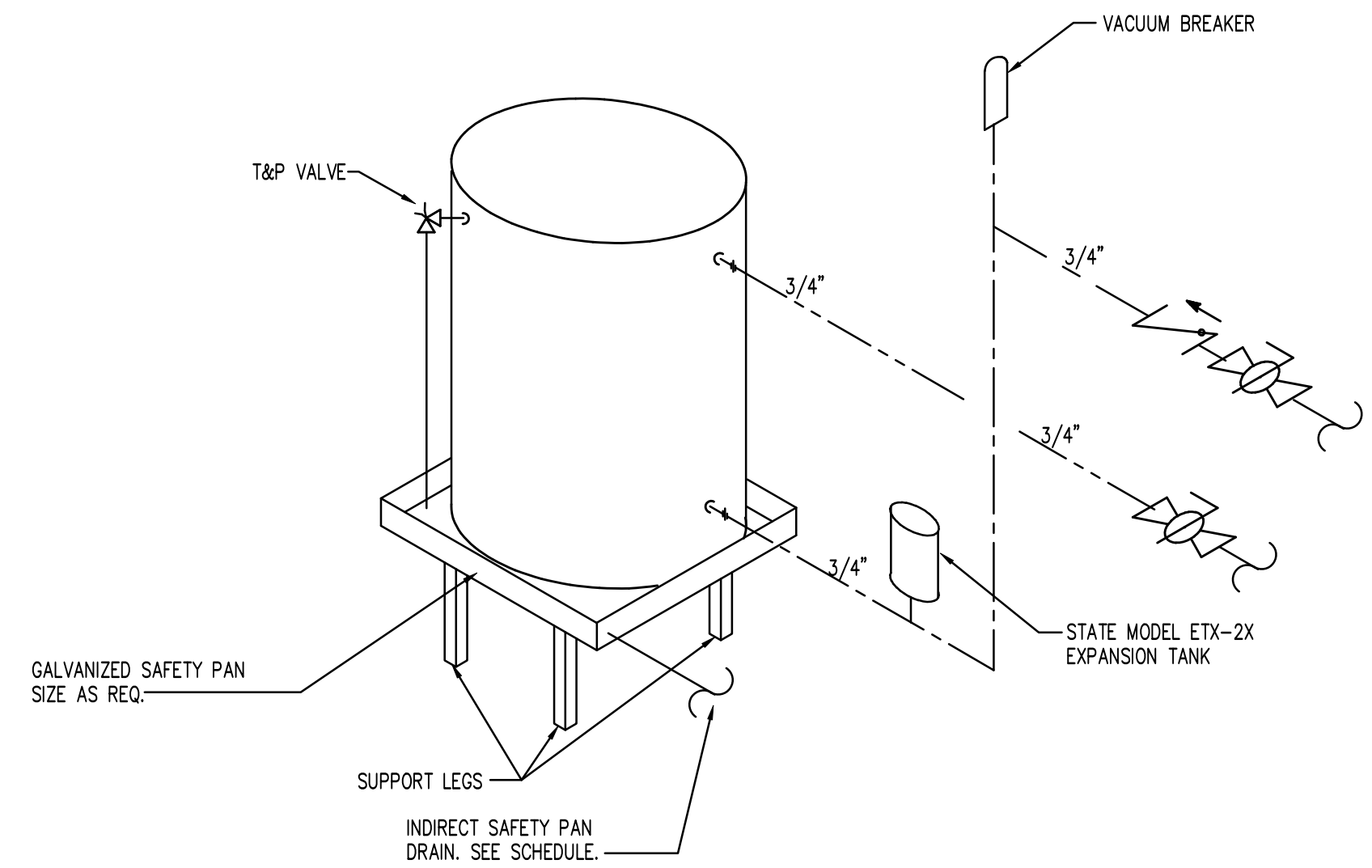
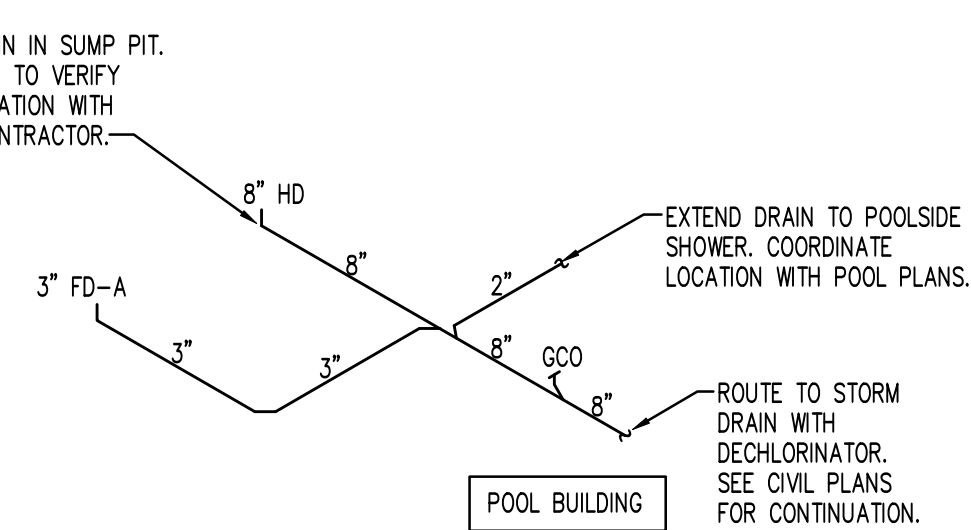


1 RISER - S.W. + V  
P2 SCALE: NO SCALE



2 RISER - WATER  
P2 SCALE: NO SCALE

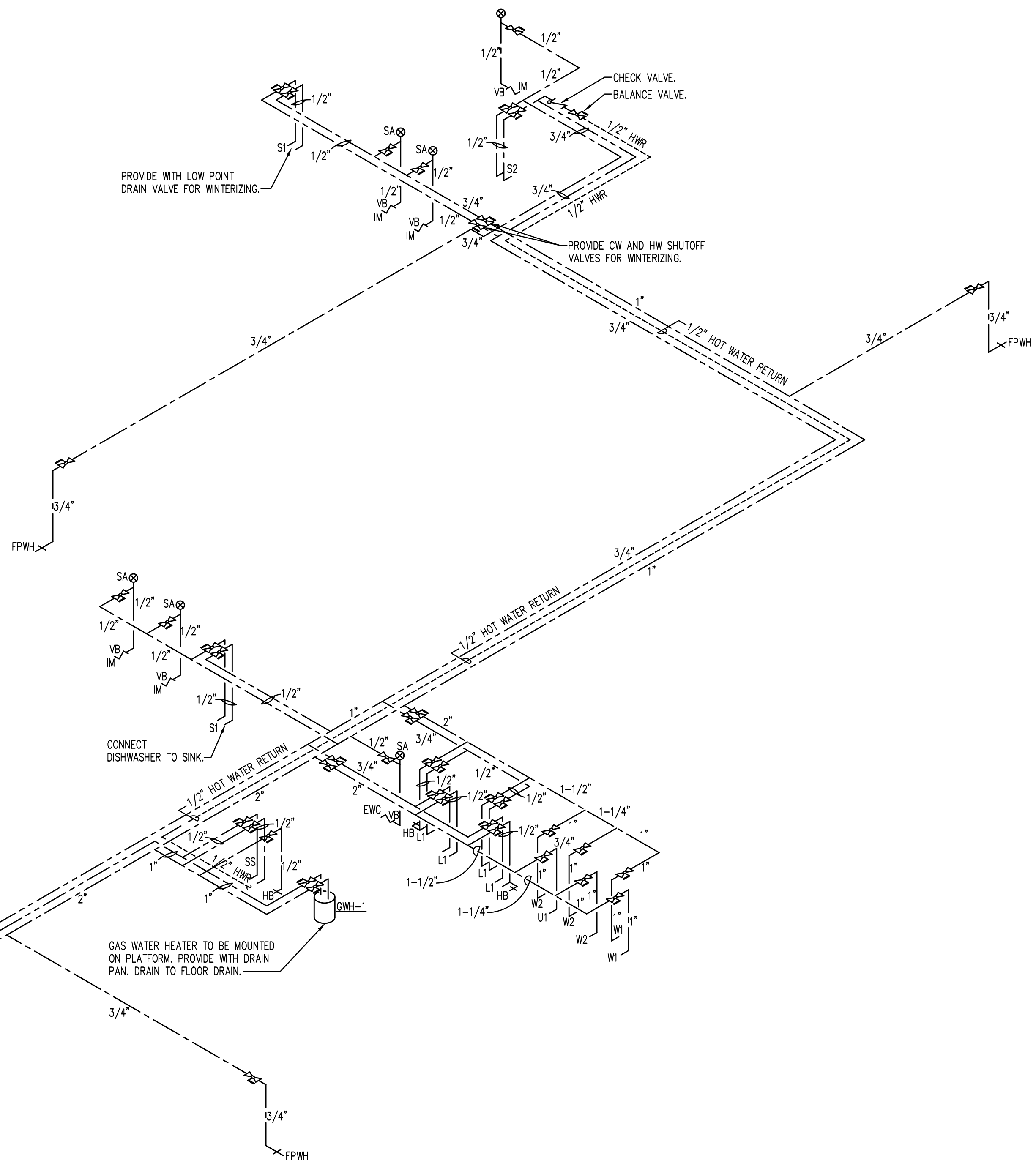
NOTE: CONTRACTOR TO VERIFY BUILDING IS SERVED BY AN EXTERIOR BACKFLOW PREVENTER.



3 ELECTRIC WATER HEATER DETAIL  
P2 SCALE: NO SCALE

ELECTRIC WATER HEATER SCHEDULE							
MARK	MANUFACTURER	MODEL	CAPACITY (GAL)	RECOVERY 100% RISE (GPH)	ELEMENT WATTS	VOLTS/Φ	HEIGHT (IN)
EWH-1	STATE	PCE 40 20LSA	40	18	4500	208/1	32-1/4

- ① EQUALS BY RUUD/RHEEM, A.O. SMITH ACCEPTABLE.  
② INDIRECT DRAIN SAFETY PAN TO SUMP PIT.



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PLUMBING RISERS

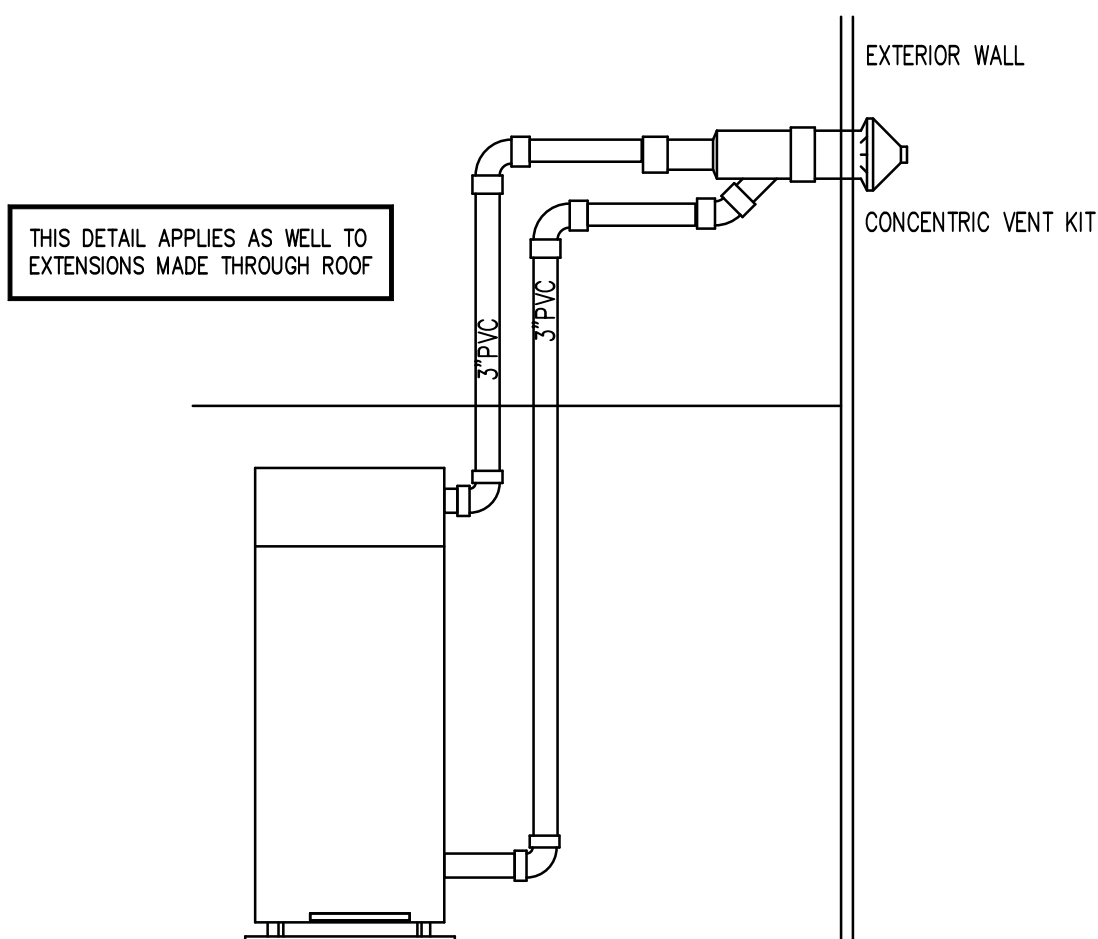
P2



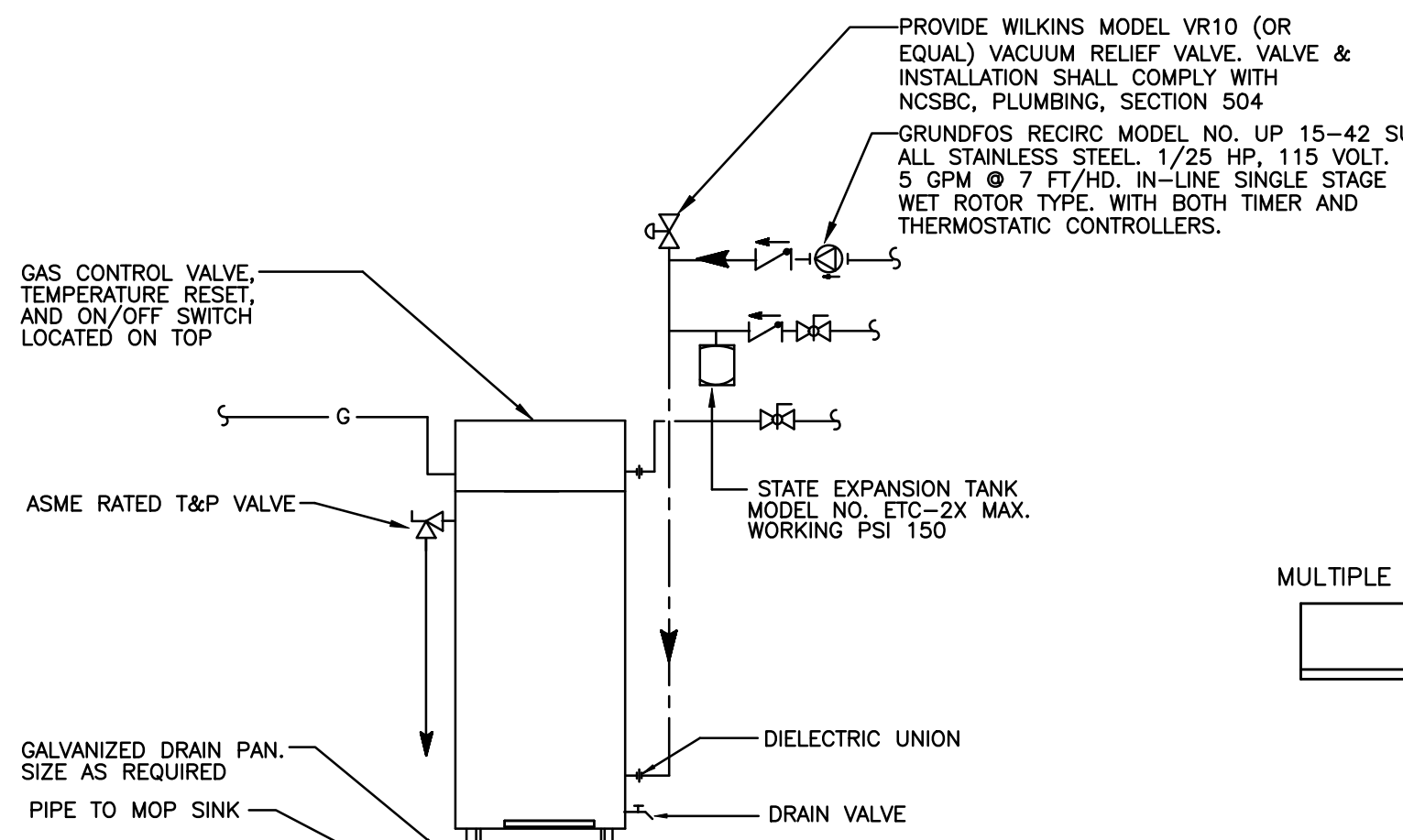
PLUMBING SPECIFICATIONS	
PLUMBING SPECIFICATIONS:	
1.) THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH 2018 NORTH CAROLINA PLUMBING CODE AND LOCAL PLUMBING INSPECTOR.	
2.) ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.	
3.) THESE PLANS ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE ALL NECESSARY OFFSET, TEES, ELBOWS, ETC. FOR A COMPLETE WORKING PLUMBING SYSTEM.	
4.) THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, TAPS, ETC.	
5.) CONTRACTOR SHALL COORDINATE ANY PLUMBING SYSTEM REQUIRING SHUTDOWN WITH THE OWNER 48 HOURS PRIOR TO BEGINNING WORK.	
6.) ALL DOMESTIC WATER PIPING SHOWN IS ABOVE CEILING/WITHIN WALLS UNLESS NOTED OTHERWISE.	
7.) ALL DOMESTIC WATER PIPING (ABOVE SLAB) SHALL BE TYPE "L" COPPER WITH 95/5 LEAD FREE SOLDER. ABOVE SLAB, OUTSIDE OF PLENUM SPACES, <u>PEX PIPING IS ACCEPTABLE</u> . ALL WATER PIPING (BELOW SLAB) SHALL BE TYPE "K" SOFT COPPER. COMPLY W/ ASTM B-88-88A.	
8.) ALL WATER PIPING SHALL BE INSULATED WITH CLOSED CELL (ARMAFLEX) TYPE INSULATION WITH THE FLAME DENSITY RATING NOT EXCEEDING 25 & THE SMOKE DENSITY RATING NOT EXCEEDING 50. THICKNESS FOR COLD WATER PIPING SHALL BE 1/2" THICK. THICKNESS FOR HOT WATER & RETURN PIPING SHALL BE 1" THICK.	
9.) ALL BRANCH LINES SHALL HAVE SHUT-OFF VALVES. ALL DOMESTIC WATER BALL VALVES SHALL BE BRASS BODY, FULL PORT, CHROME PLATED BALL, TEFLON SEATS, 150# WSP. FOR SIZES 1/2" THRU 2". SIZES ABOVE 2" SHALL BE BRONZE GATE VALVE, NRS SOLID DISC, SCREW OVER BONNET, 125# WSP. PROVIDE VALVE HANDLE EXTENSIONS AS REQUIRED FOR INSULATION.	
10.) ALL PLUMBING FIXTURES AND KITCHEN EQUIPMENT SHALL HAVE A PISTON TYPE WATER HAMMER ARRESTOR SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS & FDI STANDARDS.	
11.) ALL SANITARY SEWER PIPING SHOWN IS BELOW SLAB/WITHIN WALLS UNLESS NOTED OTHERWISE. ALL SANITARY VENT PIPING SHOWN IS ABOVE CEILING/WITHIN WALLS UNLESS NOTED OTHERWISE.	
12.) ALL WASTE & VENT PIPING (ABOVE SLAB) SHALL BE PVC-DWV WITH PIPING AND FITTINGS CONFORMING TO ASTM D-2665. PLENUM SPACE WASTE & VENT PIPING (ABOVE SLAB) SHALL BE SERVICE WEIGHT CAST IRON WITH NO-HUB FITTINGS CONFORMING TO CISPI 301. JOINTS SHALL BE ONE-PIECE NEOPRENE GASKET WITH STAINLESS STEEL BAND AND BOLTS CONFORMING TO ASTM C564-85.	
13.) ALL WASTE & VENT PIPING (BELOW SLAB) SHALL BE PVC-DWV WITH PIPING AND FITTINGS CONFORMING TO ASTM D-2665.	
14.) ALL PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY 2018 NORTH CAROLINA PLUMBING CODE & MANUFACTURER'S RECOMMENDATIONS.	
15.) ALL PIPING PENETRATIONS THRU NEW/EXISTING WALLS/FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE NEW/EXISTING WALL OR FLOOR.	
16.) ALL PLUMBING SYSTEMS SHALL BE TESTED AS REQUIRED BY 2018 NORTH CAROLINA PLUMBING CODE.	
17.) THE PLUMBING CONTRACTOR SHALL COORDINATE ALL UNDERSLAB PLUMBING PIPING WITH ALL STRUCTURAL FOUNDATIONS. P.C. SHALL COORDINATE ALL UNDERSLAB PLUMBING PIPING ELEVATION INVERTS WITH SITE UTILITY ELEVATION INVERTS.	
18.) P.C. SHALL COORDINATE ALL KITCHEN EQUIPMENT REQUIRING PLUMBING CONNECTIONS WITH KITCHEN EQUIPMENT VENDOR. PROVIDE ALL NECESSARY P-T-RAPS, SUPPLY STOPS, INDIRECT PIPING, ETC. REQUIRED FOR COMPLETE HOOK-UP OF KITCHEN EQUIPMENT REQUIRING PLUMBING CONNECTIONS.	
19.) THE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED AS REQUIRED PER LOCAL AUTHORITY.	
20.) THE ENTIRE DOMESTIC WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH 2018 NORTH CAROLINA PLUMBING CODE.	
21.) ALL VENT THRU THE ROOF PENETRATIONS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND SHALL BE CONCEALED BEHIND ROOF RIDGE, WHERE POSSIBLE. P.C. SHALL PROVIDE ALL FLASHING MATERIAL REQUIRED FOR VENT THRU ROOF. ALL VTR'S SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKES.	
22.) ALL GAS PIPING AND GAS FLUE TO GAS WATER HEATER BY PLUMBING CONTRACTOR.	
23.) PLUMBING CONTRACTOR SHALL HAVE RECEIVED APPROVED SHOP DRAWINGS FROM THE ENGINEER PRIOR TO BEGINNING NEW WORK.	

PLUMBING FIXTURES AND EQUIPMENT					
MARK	DESCRIPTION	PIPE SERVICE AND CONN. SIZE			FIXTURE SPECIFICATIONS
		CW	HW	WASTE	
W1	WATER CLOSET FLR. MTD. (ADA)	1"		4"	KOHLER "HIGHCLIFF" K-96057 1.6 GPF WHITE VITREOUS CHINA WATER CLOSET WITH ELONGATED BOWL, SIPHON JET FLUSHING, ANTIMICROBIAL 1-1/2" TOP SPUD, 12" ROUGH-IN, 16-1/2" HIGH, & 2 BOLT CAPS. SEAT: KOHLER LUSTRA MODEL K-4666-C EXTRA HEAVY DUTY ELONGATED WHITE OPEN FRONT SEAT. VALVE: SLOAN REGAL MODEL 111-XL EXPOSED DIAPHRAGM TYPE, WITH 1.6 GPF.
W2	WATER CLOSET FLR. MTD.	1"		4"	KOHLER "WELLCOME" K-96053 1.6 GPF WHITE VITREOUS CHINA WATER CLOSET WITH ELONGATED BOWL, SIPHON JET FLUSHING, 1-1/2" TOP SPUD, 12" ROUGH-IN, 14-3/4" HIGH, & 2 BOLT CAPS. SEAT: KOHLER LUSTRA MODEL K-4666-SC EXTRA HEAVY DUTY ELONGATED WHITE OPEN FRONT SEAT. VALVE: SLOAN REGAL MODEL 111-XL EXPOSED DIAPHRAGM TYPE, WITH 1.6 GPF.
U1	URINAL WALL MTD. (ADA)	3/4"		2"	KOHLER "DEXTER" K-5016-ET 1.0 GPF WHITE VITREOUS CHINA URINAL, SIPHON JET FLUSHING, AND 3/4" TOP SPUD. MOUNT URINAL 17" A.F.F. TO MEET ADA REQUIREMENTS. VALVE: SLOAN REGAL MODEL 186 XL EXPOSED DIAPHRAGM TYPE, WITH 1.0 GPF.
U2	URINAL WALL MTD.	3/4"		2"	KOHLER "DEXTER" K-5016-ET 1.0 GPF WHITE VITREOUS CHINA URINAL, SIPHON JET FLUSHING, AND 3/4" TOP SPUD. MOUNT URINAL 24" A.F.F. VALVE: SLOAN REGAL MODEL 186 XL EXPOSED DIAPHRAGM TYPE, WITH 1.0 GPF.
L1	LAVATORY COUNTER MOUNTED (ADA)	1/2"	1/2"	1-1/2"	KOHLER "PENNINGTON" K-2196, VITREOUS CHINA 20-1/4" X 17-1/4" OVAL LAVATORY WITH SINGLE FAUCET HOLE. MOUNT LAVATORY RIM AT 34" A.F.F. TO MEET ADA REQUIREMENTS. TRAP & SUPPLIES: MCQUIRE NO. 8902 17 GA. 1-1/4" X 1-1/2" P-T-RAP AND NIPPLE. MCQUIRE NO. 2165 ANGLE SUPPLY STOPS. FAUCET: SLOAN EAF-350 BATTERY OPERATED INFRARED WITH MIXER. PROVIDE WITH GRID WASTE ASSEMBLY AND 0.5 GPM FLOW RESTRICTOR. ACCESSORIES: TRUEBRO HAND-LAV GUARD INSULATION MODEL NO. 101 3-PIECE INTERLOCKING TRAP ASSEMBLY AND 2-PIECE INTERLOCKING HOT WATER ANGLE VALVE ASSEMBLY, AND NYLON TYPE FASTENERS. PROVIDE WITH ASSE 1070 COMPLIANT TEMPERATURE LIMITING DEVICE.
S1	SINK (LOUNGE) SINGLE BOWL CTR. MTD. (ADA)	1/2"	1/2"	1-1/2"	JUST MODEL NO. SL-ADA-2225-A-GR, 304 STAINLESS STEEL, 18 GAUGE, SELF-RIMMING SINGLE BOWL, DIM. 22" x 16" x 6-1/2" DEEP, 3 HOLES Ø 4" CENTERS. TRAP & SUPPLIES: MCQUIRE NO. 151 CHROME PLATED FORGED BRASS BASKET STRAINER WITH 1-1/2" X 4" TAILPIECE. MCQUIRE NO. 8912 17 GA. 1-1/2" P-T-RAP AND NIPPLE. MCQUIRE NO. 2165 3/8"X1/2" FLEX RISE ANGLE SUPPLY STOPS. FAUCET: AMERICAN STANDARD 7074-300 GOOSENECK SPOUT WITH SINGLE HANDLE AND 1.5 GPM FLOW RESTRICTOR. PROVIDE WITH ADA COMPLIANT LEVER.
S2	SINK 3-COMPARTMENT	1/2"	1/2"	(3) 1-1/2" TO F.S.	3 COMPARTMENT SINK BY OWNER. COORDINATE WITH GENERAL CONTRACTOR.
EW	ELECTRIC WATER COOLER	1/2"		2"	ELKAY MODEL LZST18WIK TWO-LEVEL WHEEL CHAIR TYPE WALL MOUNTED WATER COOLER WITH HERMETICALLY SEALED AND AIR COOLED REFRIGERATING UNIT, WITH ELECTRIC PUSH BUTTON ON FRONT AND SIDE, COLORED VINYL COVERED STEEL SKIRT, AND STAINLESS STEEL HOOD-RECEPTOR. MOUNT HIGHEST SPOUT AT 36" A.F.F. PROVIDE WITH EDH20 BOTTLE FILLER.
IM	ICE MAKER BOX	1/2"			OATEY MODEL #38681 WALL MOUNTED AT 36" AFF
HB	HOSE BIB	1/2"			WOODFORD MODEL 24 IN POLISHED CHROME WITH VACUUM BREAKER AND LOOSE TEE KEY OPERATION
SH1	TRANSFER-TYPE SHOWER 60X36	1/2"	1/2"	2"	SHOWER TO BE CUSTOM BUILT BY CONTRACTOR. CONFIRM SHOWER HEAD LOCATION. UNIT SHALL COMPLY WITH ANSI 117.1 REQUIREMENTS. ONE (1) 32" x 32" L-SHAPED WRAP AROUND 1-1/2" 18 GAUGE STAINLESS STEEL GRAB BAR MOUNTED ON THE VALVE WALL AND BACK WALL, 34" ABOVE BOTTOM OF SHOWER. ONE (1) 60" L x 1" OD 18 GAUGE STAINLESS STEEL CURTAIN ROD WITH BRASS SHOWER DRAIN & TEXTURED BOTTOM. UNIT IS INTENDED TO BE A TRANSFER-TYPE SHOWER. CONFIRM DRAIN LOCATION PRIOR TO ORDER. SEAT: BOBRICK MODEL B-517 SURFACE-MOUNTED FOLDING SHOWER SEAT. VALVE: DELTA MODEL T13020 PRESSURE-BALANCING SHOWER VALVE (THERMOSTATIC MIXING TYPE) WITH ALSONS MODEL 1551PDSBX PERSONAL HANDHELD SHOWER HEAD. PROVIDE WITH GLIDE RAIL MOUNTING SYSTEM, HAND SHOWER, SWIVEL CONNECTOR, VACUUM BREAKER, SUPPLY ELBOW, SHOWER GLIDE RAIL, AND DOUBLE SPIRAL METAL HOSE. PROVIDE WITH MATCHING TRIM KIT.
SH2	SHOWER 36X36	1/2"	1/2"	2"	SHOWER TO BE CUSTOM BUILT BY CONTRACTOR. CONFIRM SHOWER HEAD LOCATION. PROVIDE ONE (1) 36" L x 1" OD 18 GAUGE STAINLESS STEEL CURTAIN ROD WITH BRASS SHOWER DRAIN & TEXTURED BOTTOM. VALVE: DELTA MODEL T13020 PRESSURE-BALANCING SHOWER VALVE (THERMOSTATIC MIXING TYPE) WITH ALSONS MODEL 1551PDSBX PERSONAL HANDHELD SHOWER HEAD. PROVIDE WITH GLIDE RAIL MOUNTING SYSTEM, HAND SHOWER, SWIVEL CONNECTOR, VACUUM BREAKER, SUPPLY ELBOW, SHOWER GLIDE RAIL, AND DOUBLE SPIRAL METAL HOSE. PROVIDE WITH MATCHING TRIM KIT.
SS	SERVICE SINK	1/2"	1/2"	2"	FIAT MODEL FL-1 FLOOR MOUNTED SERV-A-SINK, SINGLE MOLDED STONE LAUNDRY TUB COMPLETE WITH WHITE BAKED ENAMEL LEGS AND LEVELING FEET. PROVIDE FIAT A-1 DECK MOUNTED FAUCET.
FPWH	FREEZE PROOF WALL HYDRANT	3/4"	-	-	WOODFORD MODEL 65, NON-FREEZE, AUTOMATIC DRAINING WALL HYDRANT WITH ANTI-SIPHON VACUUM BREAKER, AND LOOSE TEE KEY OPERATION.

VERIFY ALL FIXTURES WITH OWNER PRIOR TO ORDERING.



2  
P3  
GWH VENTING DETAIL  
SCALE: NO SCALE



HEATER SHALL BE SUITABLE FOR SEALED COMBUSTION DIRECT VENTING USING A 3" DIAMETER PVC AIR INTAKE AND 3" DIAMETER EXHAUST PIPE. THE WATER HEATER SHALL EXCEED THE RECOVERY EFFICIENCY AND STANDBY LOSS REQUIREMENTS OF ASHRAE 90.1b-1989(1992) FOR ENERGY CONSERVING APPLIANCES. TANK SHALL HAVE A WORKING PRESSURE OF 160 psi AND SHALL BE EQUIPPED WITH A BOILER TYPE HAND HOLE CLEANOUT. WATER HEATER SHALL BE COMPLETELY FACTORY ASSEMBLED, INCLUDING PRESSURE REGULATOR PROPERLY ADJUSTED FOR OPERATION ON 7-14" W.C. GAS AND STAINLESS STEEL BURNERS. CONTROLS WILL BE ARRANGED FOR SAFETY SHUTOFF IN EVENT OF PILOT FAILURE OR BLOCKAGES OF THE VENT OR INTAKE. WATER HEATER SHALL BE COVERED FOR A PERIOD OF (3) THREE YEARS AGAINST ANY LEAKS.

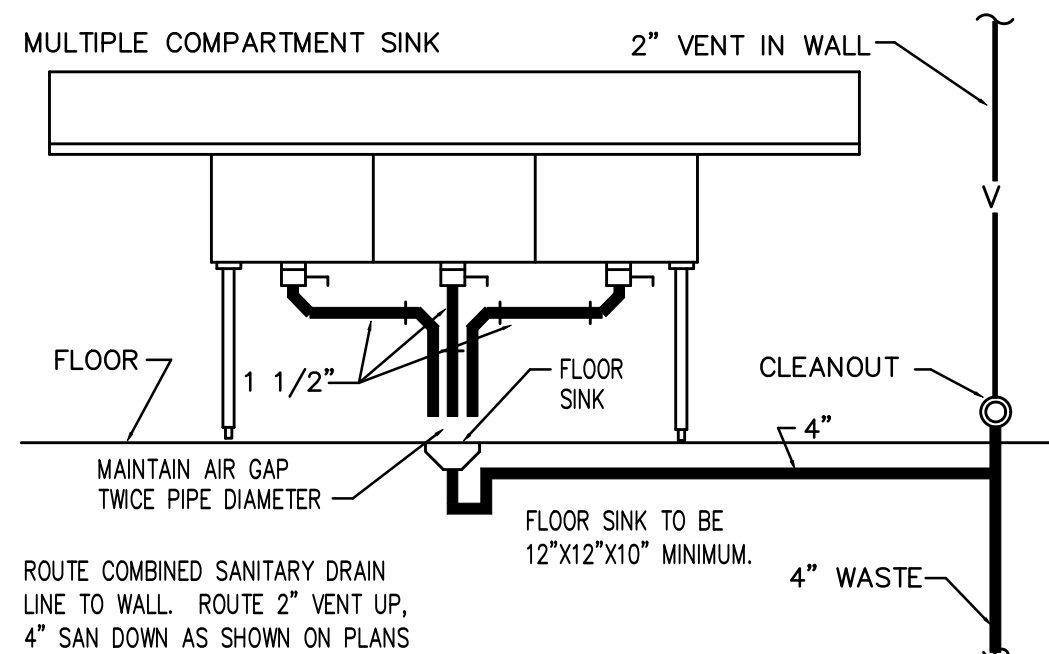
SEE DETAIL 2/P3 ON THIS SHEET FOR DIRECT VENT/SEALED COMBUSTION DETAIL.

EQUALS BY: STATE, LOCHINVAR, RUUD

1  
P3  
GAS WATER HEATER DETAIL  
SCALE: NONE

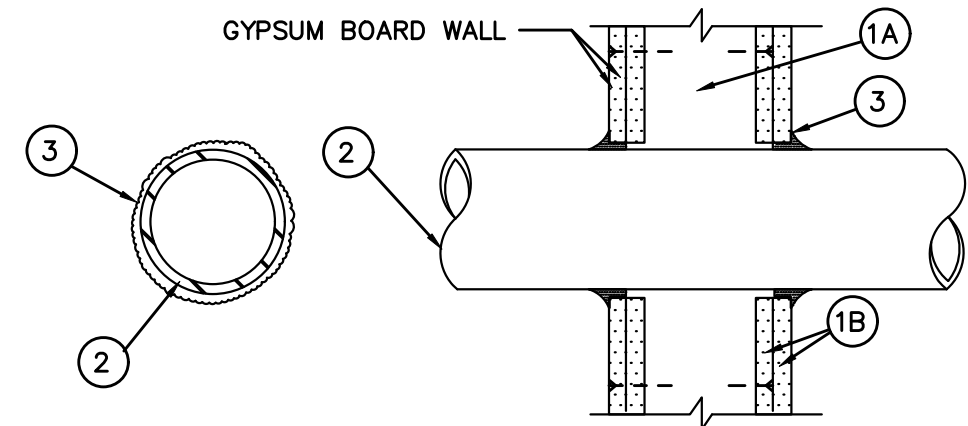
MARK	MANUFACTURER	MODEL	CAPACITY (GAL.)	1ST HR RECOVERY (GAL.)	RECOVERY @ 100°F RISE (GAL.)	GAS INPUT (BTU/Hr)	REMARKS
GWH-1	HEAT TRANS. PROD.	PH100-119	119	189 GPH	116 GPH	100.0	(1)(2)

- ① EQUALS BY STATE, LOCHINVAR, RUUD ACCEPTABLE.
- ② HEATER SHALL HAVE CERAMIC COATED SEAMLESS GLASS LINED TANK WITH ANODE RODS.



ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS OR MEET LOCAL CODE REQUIREMENTS FOR DIRECT OR INDIRECT CONNECTION. HUBLESS CAST IRON PIPE, FITTINGS AND CONNECTORS ALL AROUND SINK AND TRAP. CONNECT TRAP FROM COMPARTMENT.

3  
P3  
3-COMPARTMENT SINK DETAIL  
SCALE: NO SCALE



System No. W-L-1001

June 15, 2005

F Ratings - 1, 2, 3 and 4 Hr (See Items 2 and 3)  
T Ratings - 0, 1, 2, 3, and 4 Hr (See Item 3)  
L Rating At Ambient - less than 1 CFM/sq ft  
L Rating At 450 F - less than 1 CFM/sq ft

1. **Wall Assembly** - The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Slabs** - Wall framing may consist of either wood studs (max 2 hr fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be min 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.

B. **Gypsum Board\*** - Nom 1/2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 26 in. (660 mm).

2. **Through-Penetrant** - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 0 in. (0 mm). (point contact) to max 2 in. (51 mm) Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. **Steel Pipe** - Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Iron Pipe** - Nom 24 in. (610 mm) diam (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in (305 mm) diam (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.

C. **Conduit** - Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in (102 mm) diam (or smaller) steel electrical metallic tubing

D. **Copper Tubing** - Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing

E. **Copper Pipe** - Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.

F. **Through Penetrating Product\*** - Flexible Metal Piping The following types of steel flexible metal gas piping may be used:

1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

OMEGA FLEX INC

2. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

GASTITE, DIV OF TITEXLEX

3. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

WARD MFG INC

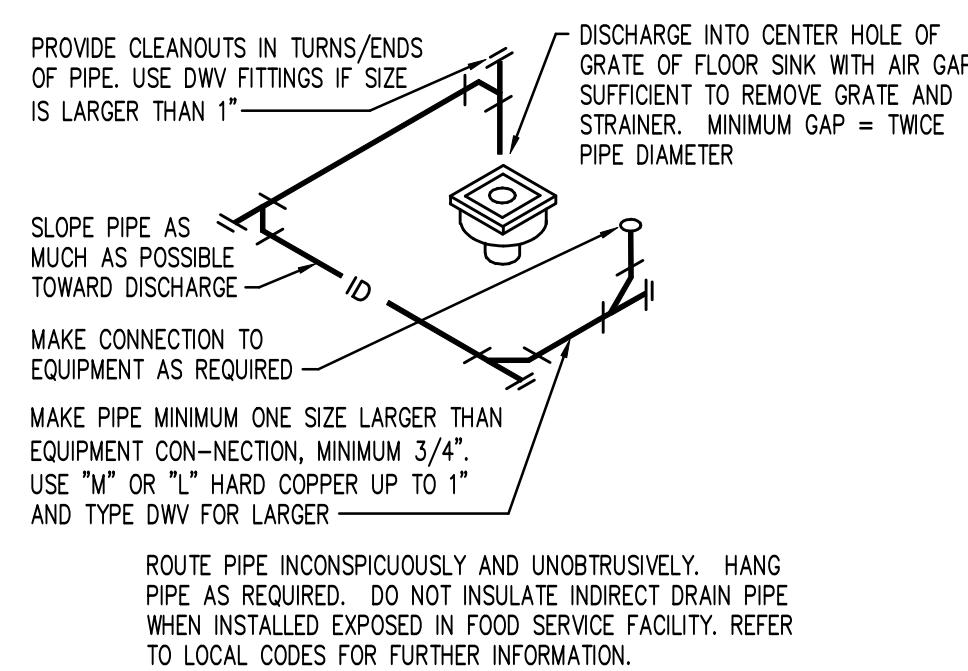
3. **Fill Void or Cavity Material\*** - Caulk or Sealant - Min 5/8 in., 1-1/4"-7/8 and 2-1/2 in. (16, 32, 48 and 64 mm) thickness of caulk for 1, 2, 3 and 4 hr rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min 1/4 in. (6 mm) diam bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly F Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Max Pipe or Conduit Diam in (mm)	Rating Hr	Rating Hr
1 (25)	1 or 2	0+, 1 or 2
1 (25)	3 or 4	3 or 4
4 (102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

+When copper pipe is used, T Rating is 0 hr.

3M COMPANY - CP 25WB+ or FB-3000 WT.

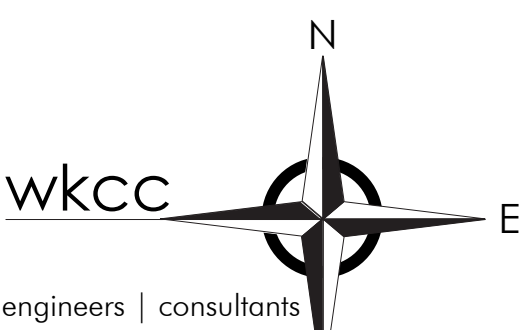
## FOR FRAMED WALL ONLY 1,2,3, OR 4 HOUR PENETRATION 4 P3 FIRESTOP DETAIL SCALE: NTS



5  
P3  
INDIRECT WASTE DETAIL  
SCALE: NO SCALE

PLUMBING SUMMARY		
SYSTEM & MATERIAL	FIXTURE UNITS	MAIN SIZE
WASTE AND VENT SYSTEM		
SCHEDULE 40 PVC-DWV CONFORMING TO ASTM D-2665	100.0	4"
DOMESTIC WATER SYSTEM		
BELOW SLAB: TYPE "K" SOFT COPPER WITH NO JOINTS BELOW SLAB	121.0	2"
ABOVE SLAB: TYPE "L" ANNEALED COPPER WITH 95/5 SOLDER JOINTS.		74.0 GPM

PLUMBING SUMMARY FOR THIS PROJECT ONLY.



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tri  
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PLUMBING  
DETAILS

P3