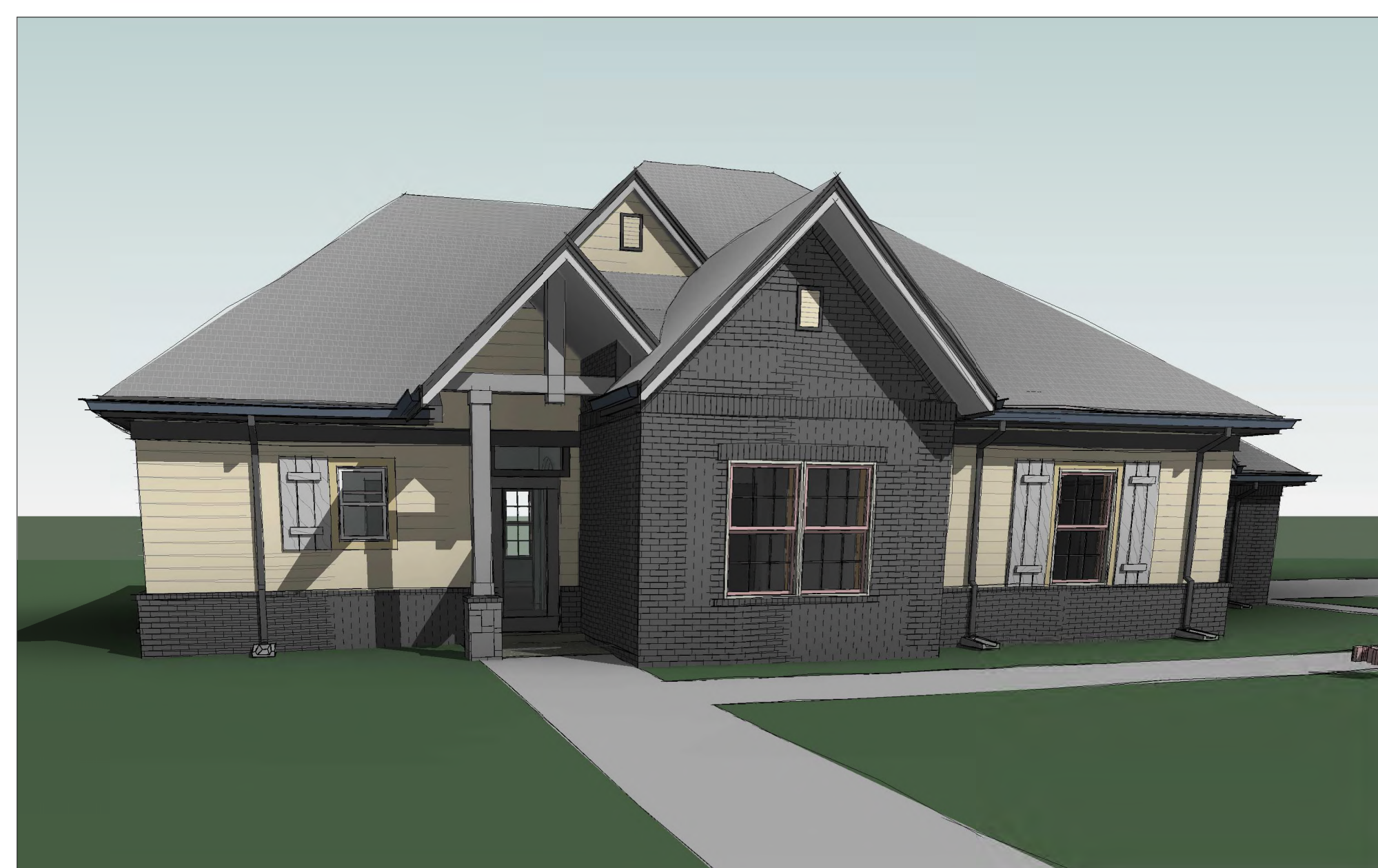
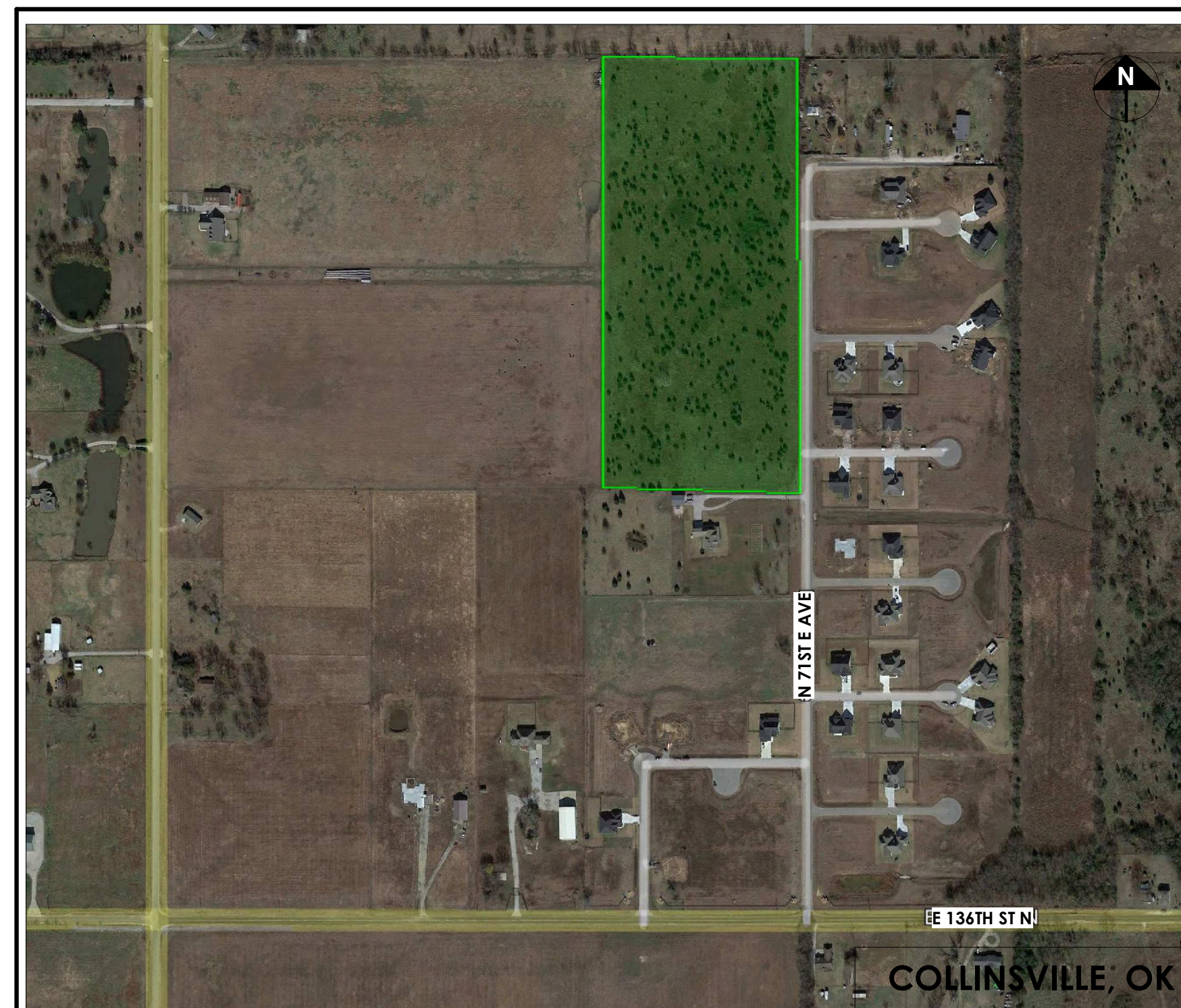


# SINGLE FAMILY RESIDENCE B

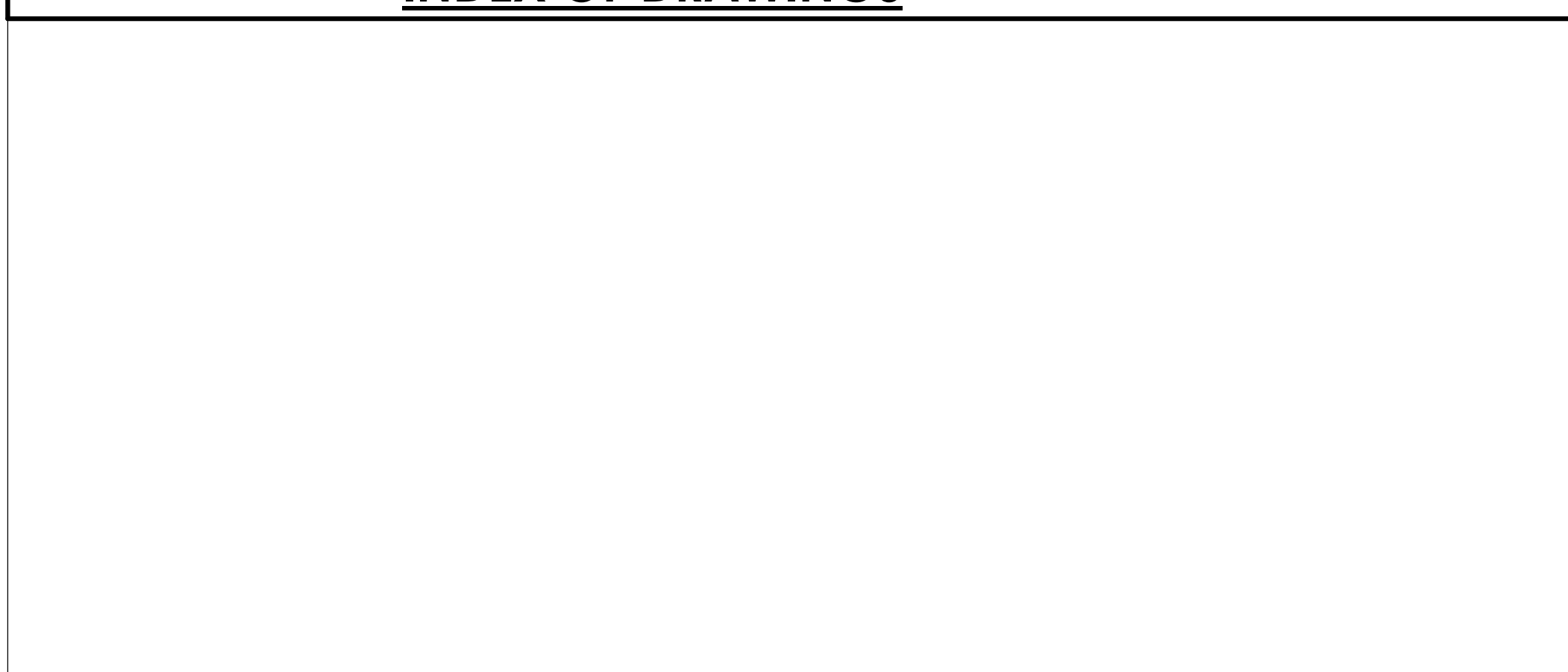
HOUSING AUTHORITY OF THE CHEROKEE NATION  
N. SHERIDAN RD. & E. 136TH ST. N. COLLINSVILLE, OK



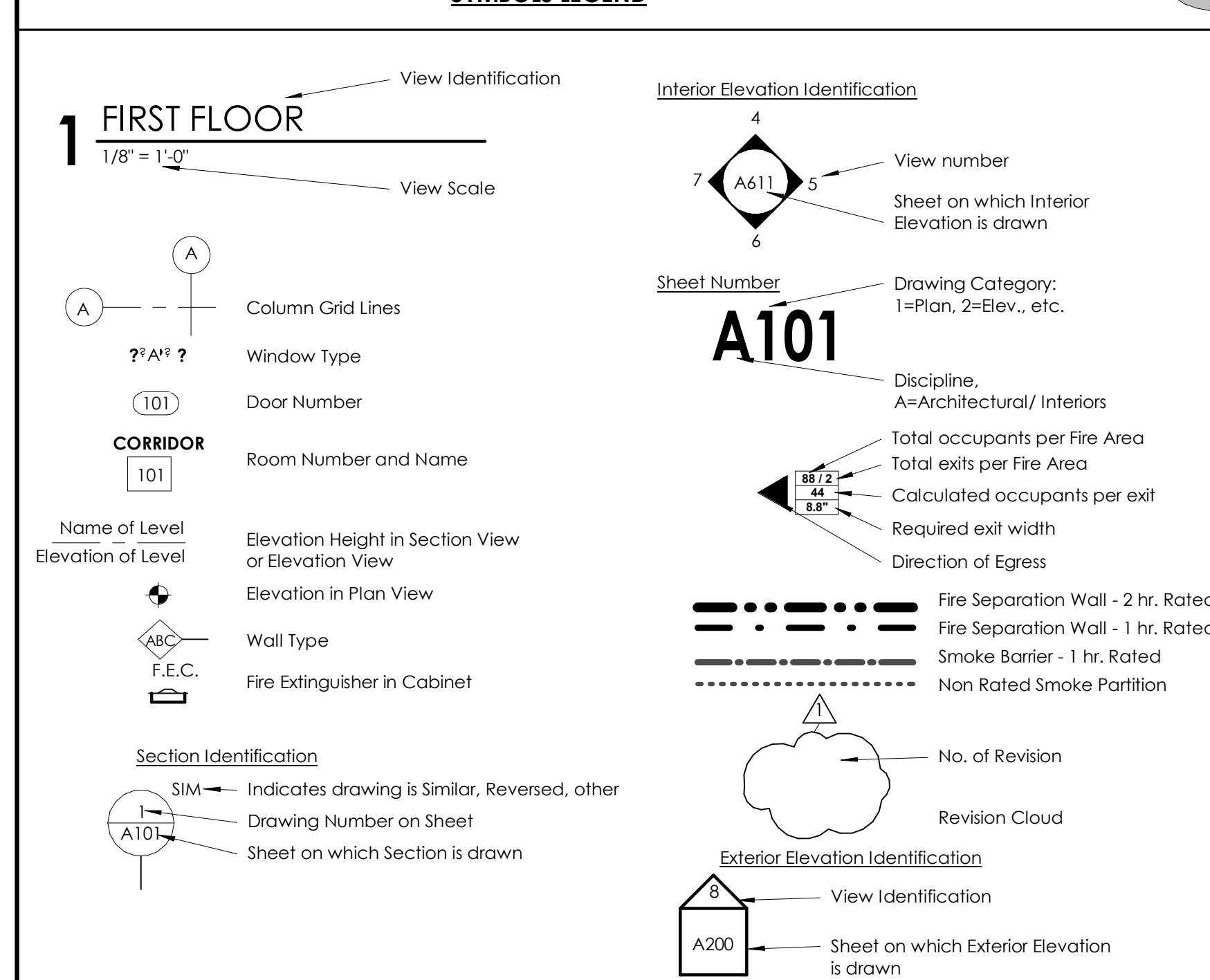
ABOVE IMAGE IS CONCEPTUAL REFER TO ORTHOGRAPHIC DRAWINGS FOR SPECIFIC REQUIREMENTS



## INDEX OF DRAWINGS



## SYMBOLS LEGEND



ABBREVIATIONS																					
<b>A</b> AB A/C ACP ACT AD ADH ADJ AFF AL ALT AMB ANSI AP APPROX ARCH ASPH AUTO  <b>B</b> BD BIT BDLG BL BLKG BM BO BR BRG BTB BUR  <b>C</b> CAB CB CBB  CF CFM CG CGI CIP CJ CL CLG CLR CM CMU COL CONC CONST CONT CORR CPT CSMT CY  <b>D</b> D DBL DEG DEMO DH DIA DIAG DIM DIV DL DOWN DP DR DS DWG DWR  <b>E</b> E EB EJ EL ELEC ENGR EQ ES EW EXH EXP EXT EXIST  <b>F</b> FA FB FD FE FEC FF FFE  PFL FHC FL FOC FOF FOM FOS FRP FRT FSR FT FIG FUR FURN  <b>G</b> GA GALV GB GCMU  GD GL GLASS GR GSU GRNBD GYP  <b>H</b> HB H/C HC HD HDR HDW HK HM HORZ HP HR HT HVAC HWD  <b>I</b> INSUL INT  <b>J</b> JAN JB JOH JOW  <b>K</b> KD KG KIT KO KVA KW  <b>L</b> L LAM LAV LBS LKR LL LH LLV LVR LVT L/G  <b>M</b> MAINT MAX MBR MC MECH MEZZ MFR MH MIN MIR MISC MKBD MLDG MM MO MPU MR MTG MTL MULL  <b>N</b> N NE NIC NOM NIS NW NPS  <b>O</b> OC OD OH OTO OZ  <b>P</b> PBD P/C PC PCF PE PEJ  <b>PF</b> PL PLAM PLUMB PLYWD PNL PR PSF PT PART PVC PVG  <b>Q</b> QT QUARTZ  <b>R</b> R RA RB RD REF REFIN  REQ RES REV RF RFG RM RO ROW RPM RS RTU RV  <b>S</b> S SATB SC SCH SD SE SECT SF SGL SIM SNR SP SPECS SQ SR SS  <b>STD</b> STD STG STL STOR STP STRUC SW SYM SYS  <b>T</b> TB T/C TD TDWR TEL TEMP TG TH THR TLT TOPO TTD TRT T/S T/SL TV T/W TYP T&B T&G  <b>U</b> UC UH UNFIN US UTIL  <b>V</b> VENT VB VCT VERT VIN VJ VOL  <b>W</b> W W/ WC WD WH WM W/O WP WSC WT WFF  <b>Y</b> YD  <b>REVISIONS</b> <table border="1"><thead><tr><th>No.</th><th>Description</th><th>Date</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table> <b>Consultants</b> <table border="1"><thead><tr><th>Name</th><th>Title</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	No.	Description	Date													Name	Title				
No.	Description	Date																			
Name	Title																				

## PROJECT TEAM

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No. Description Date

No.	Description	Date

REVISIONS

Consultants

Name	Title

**CONSTRUCTION DOCUMENTS**  
**SINGLE FAMILY HOME**  
**3 BEDROOM B**  
HOUSING AUTHORITY OF THE CHEROKEE NATION  
N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK

PROJECT NO. 01-2207

SHEET TITLE: COVER SHEET  
DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2 -14-2022  
**G-000**

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No.	Description	Date
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REVISIONS

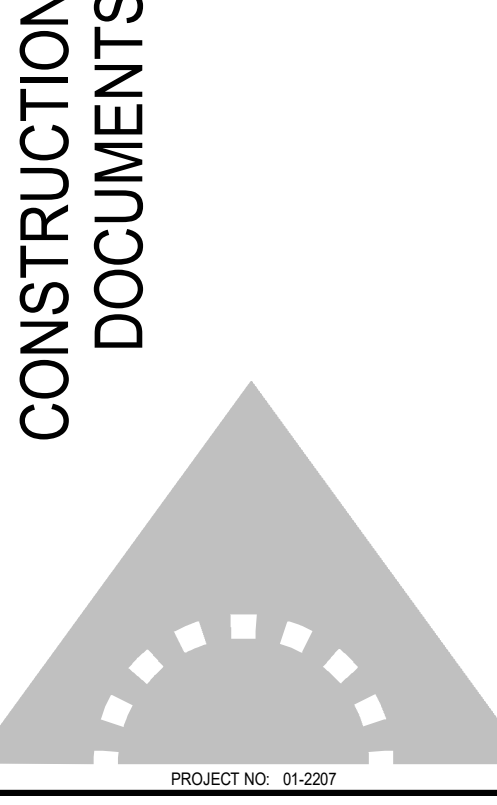
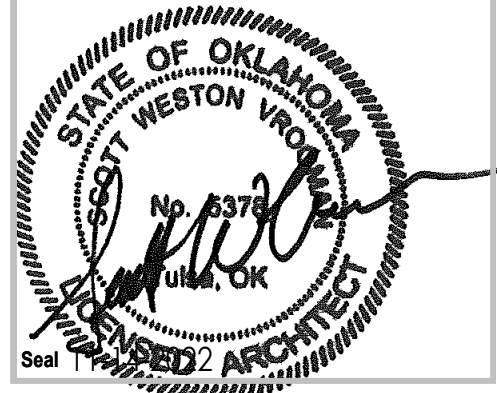
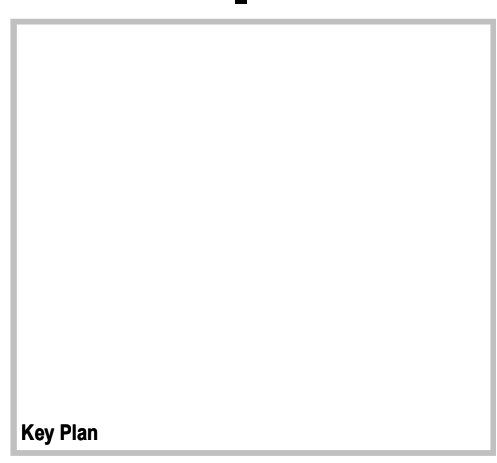
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Consultants

**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
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COLLINSVILLE, OK



SHEET TITLE: PLUMBING SPECIFICATIONS

DRAWN BY: Author  
 CHECKED BY: Checker  
 ISSUE DATE: 2-14-2022

**G-002**

**Plumbing equipment**

Water heaters

Acceptable manufacturers

- A. Fixtures: water closet, urinals, lavatories, seats, flush valves, showers, service sinks, mop basins.
  - Manufacturers: Kohler, American Standard, Zurn, Crane & Ejer, Olsonite, Beneko, Sloan, DeLaney, Flot, and Stern-Williams.
- B. Electric water coolers
  - Manufacturers: Elkay, Halsey And Haws.
- C. Stainless steel sinks (contractor furnished)
  - Manufacturers: Elkay And Just.
- D. Fixtures: carriers
  - Manufacturers: JAY R. SMITH, JOSAM, WADE, ZURN.
- E. Fixtures: hydrant & hose bibs
  - Manufacturers: Jay R. Smith, Chicago, Woodford, Zurn, Josam.

Cathodic protection

Provide dielectric insulation at points where copper or brass pipe comes in contact with ferrous piping, reinforcing steel or other dissimilar metal in structure.

Shock absorbers

Remove shock conditions from all piping. Provide and install shock absorbers on all piping serving flush valve fixtures.

Valves

Main shut off valves shall be installed as shown on the plans. Shut off valves shall be nibco s/f 580 ball valves or equal. Valves shall have blowout proof stem. Ife seats and brass ball. Pressure rating of all main valves shall have a rating of at least 400 psi working pressure.

Valves shall be installed as shown on the plans. When valves are not shown in detail on the plans, the contractor shall furnish and install all valves necessary for the control operation and isolation of equipment. Pitch all pipe to low points and install drain valves.

Gate valves or ball valves shall be used in services requiring the valves to be fully opened or tightly closed. Globe or angle valves shall be used where throttling or flow control is desired, or in by-pass lines. Globe and angle valves shall be equipped with the appropriate disc material for the intended service. Cold water globe valves shall have rubber disc; hot water shall have composition disc.

This contractor shall furnish and install shut-off valves to isolate each fixture, item or unit at the fixture items or unit whether furnished by this contractor or by others.

Fixtures, item or units furnished by the manufacturer with integral stops or stops specified with the fixture are considered to be properly valved off at the fixtures.

Access shall be provided to all valves.

Pipe joints and connection

All cutting and patching of finished construction of building shall be performed by this contractor under the section of specifications covering these materials.

Any minor adjustment in location of alignment of new work or to connect to existing utilities shall be performed as directed by the architect without additional cost to the owner.

The contractor shall be responsible for damages to the grounds, walks, road, building, piping systems, electrical systems, and their equipment and contents, caused by leaks in the piping systems being installed or having been installed by him. He shall repair at his expense all damaged so caused. All repair work shall be done as directed by and in such manner as satisfactory to the architect.

Owner reserves the right to make emergency repairs as required to keep equipment in operation without voiding the contractor's guarantee bond nor relieving the contractor of his responsibilities during the bonding period.

Pipe insulation (Only required in unconditioned & uninsulated locations)

Fiberglass piping insulation: astm c 547, class 1 flexible closed cell elastomeric piping insulation: astm c 534, type I, (equal to amaflex).

Encase pipe fittings insulation with one-piece pre-molded pvc fitting covers.

Vapor barrier material: paper-backed aluminum foil, except as otherwise indicated, strength and permeability rating equivalent to adjoining pipe insulation jacketing.

Staples, bands, wires, and cement: as recommended by insulation manufacturer for applications indicated.

Adhesives, sealers, and protective finishes: as recommended by insulation manufacturer for applications indicated.

Cover all cold water and condensate (if routed inside the building) piping with 1/2" thick flexible closed cell elastomeric insulation, having a "K" value of .25.

Cover all hot water piping with 1" thick jacketed glass fiber preformed insulation with jacket sealed and taped, having a "K" value of .25.

Flexible closed cell elastomeric installation: slit tubular sections onto pipe. On areas where pipe end is open, slide full sections onto pipe. All edges shall be clean cut. Insulation shall be pushed onto pipe, never pulled. All seams and butt joints shall be adhered and sealed using adhesive equal to amaflex 520 adhesive.

Interruption of services

When it is required to interrupt existing services, this contractor shall first notify the architect that an interruption is required. It should be noted that facilities must be kept in operation as much as possible.

This contractor shall advise the architect of the length of time the service will be interrupted and shall get permission from the architect before proceeding with the work.

Warranty

This contractor shall warrant that all work under this section shall be free of defective work, materials and parts for a period of one year after acceptance of the work and shall repair, revise, and replace, at no cost to the owner, any such defects occurring within the warranty period.

General

The general conditions, supplementary conditions and instructions to bidders shall apply to and be part of this specification. Contractor shall comply with all applicable codes, rules and regulations. Contractor shall obtain and pay for all permits, certificates of inspection and approvals required.

Scope of work

- Water piping systems
- Soil, waste, and vent piping systems
- Gas piping (Not Used)
- Plumbing fixtures
- Plumbing equipment
- Painting and electrical work is not part of this contract.

General standards

The applicable provisions of the following standards shall govern:  
 American society for test materials (astm);  
 American standards association (asa);  
 Underwriters laboratories (ul);  
 National fire protection association (nfpa);  
 State building code.

The installation of all plumbing work shall conform to the applicable local plumbing codes and statutes.

Excavation and backfill

Do all excavation and backfilling. Lay sewer and underground piping lines on 6" compacted sand. Backfill under building and all drives, roads and walks with bank-run gravel.

Water piping systems

- Domestic cold-water piping
- Domestic hot-water piping
- Trap primers for floor drains (Not Used)

Interior water piping:

- Tube size 2" and smaller: PEX tube.
- Wall thickness: type I, hard-drawn temper.
- Fittings: PEX, solder-joints.
- Tube size 2-1/2" and larger: PEX tube.
- Wall thickness: type I, hard-drawn temper.
- Fittings: PEX, solder-joints.

Where allowed by codes and owner:  
 Pex distribution system: astm f877, astm f1960, sdr 9 tubing.

Pex tubing fitting tube shall be per astm f1960 and astm 2080, with metal-insert type with copper or stainless-steel crimp rings and matching pex tube dimensions.

Manifold; multiple-outlet, cooper assembly complying with astm f877, with brass or bronze full port ball valve for each outlet.

PEX piping shall not be installed where is exposed to direct sunlight. No joints or unions shall be installed below the building slab. PEX tubing shall be insulated to maintain smoke and fire spread per astm e 84 when installed in return air plenum. Provide tubing with nominal inside diameter in accordance with astm f876.

The domestic water piping system shall be flushed with clean potable water until contaminated water does not appear at the outlet and shall be filled with a solution containing fifty (50) parts per million of chlorine and allowed to stand as required by code before flushing. The system shall be flushed completely with clear water until all residual chlorine content is removed. Chlorination shall be performed after all piping and final connections and pressure testing has been completed.

Testing

Domestic cold water piping systems shall be tested at a hydrostatic pressure of not less than 100 pounds per square inch gauge (before insulation applied) and proved tight at this pressure for not less than 30 minutes in order to permit inspection of all joints. Soil, waste and vent piping shall be tested with water before installing plumbing fixtures.

Soil, waste and vent/gas piping system

Furnish and install a complete soil, waste and vent system in the building and on the site as indicated on the drawings and as specified herein. Above ground soil, waste and vent piping within buildings including soil stacks, vent stacks, horizontal branches, traps, and connections to fixtures and drains.

Underground building drain piping including mains, branches, traps, connections to fixtures and drains, and connections to stacks, terminating at connection to aerobic system.

Interior piping:

Pipe and fittings:  
 Provide sch.40 pvc plastic piping with drainage pattern fittings and solvent-cemented joints per ansi/astm d1789 & d2729.

Piping alignment shall be as indicated on the drawings using approved y branches or eight bands for direction changes and shall be surely supported or secured to maintain such alignment.

Pitch of piping shall be uniform at a minimum of 1/4" per foot for building drains and as indicated on the drawings for sewers.

Protection shall be given all footings, other structural elements during underground work adjacent to such items. Refer to structural drawings.

Vent all fixtures, connect branch vents to main vent risers at least three feet and six inches above vented fixtures. Pitch vent lines back to soil or waste pipe, free of drops and sags.

Cleanouts shall be full size of pipe up to 4", and 4" for larger sizes. For underground and concealed lines, provide cleanouts in accessible positions at each right angle turn and at intervals not to exceed fifty feet. In floors, install flush with finish floor with extension pipe from cleanout "Y".

Hangers and support:

Furnish and install hangers, clamps, inserts, etc. Necessary for the installation of all pipes and equipment. Soil, waste and vent stacks shall be well supported at the base of the riser. Supports for copper pipes shall be placed on 8 foot centers. Support for vertical pipe shall be placed at top and bottom of each floor. Insulation shall run continuous through all hangers and supports.

Floor drains

Refer to schedule on drawings.

(Where shown on plan) the plumbing contractor shall provide and install trap primers for all floor drains. Trap primer shall be equal to PPP inc. Model "Oregon # 1" trap primer valve.

Plumbing fixtures (refer to schedule)

- Water closets.
- Lavatories.
- Service sinks.
- Water coolers.

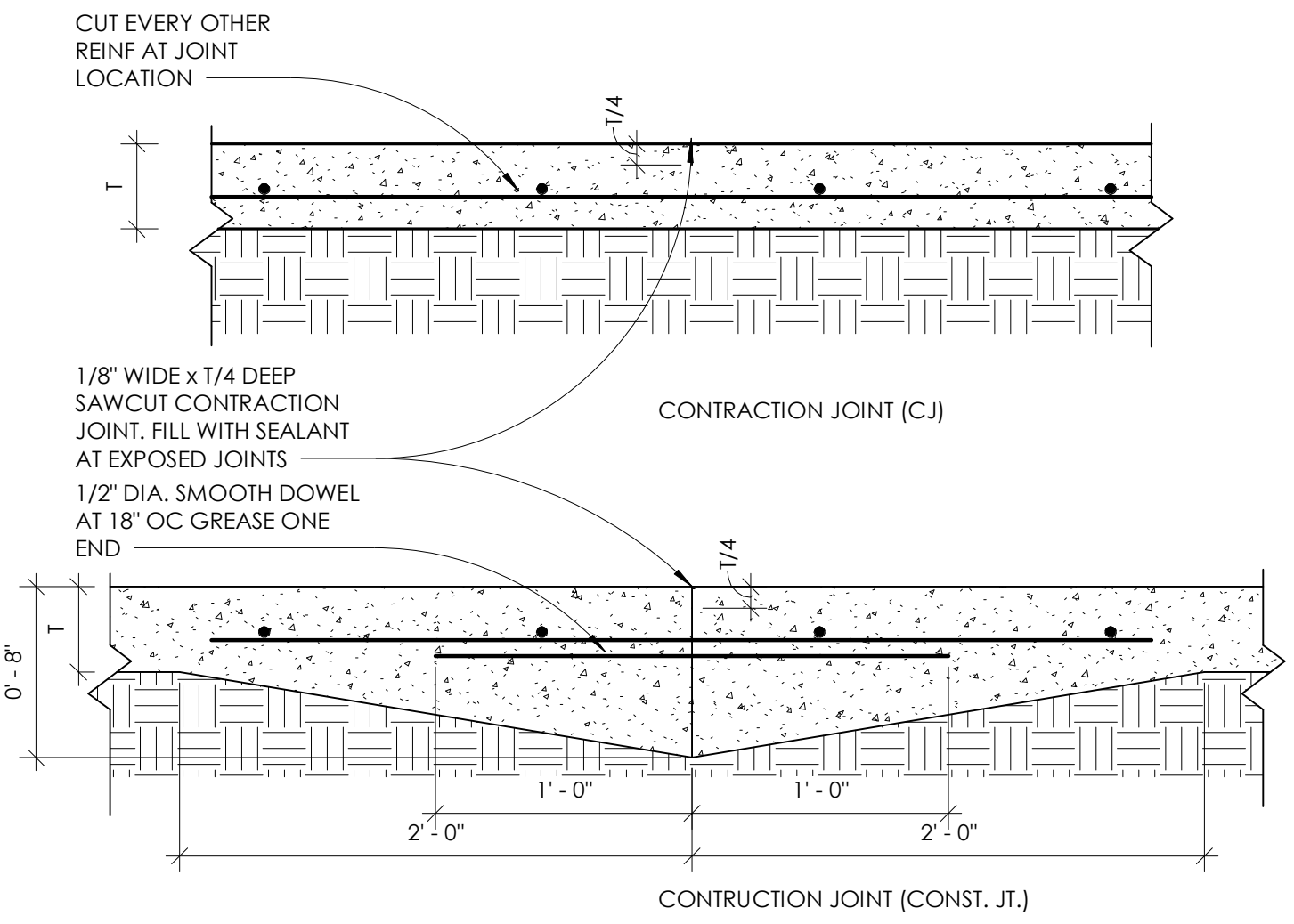
Fixture schedule

See plumbing drawings for fixture schedule.

**PLUMBING LAYOUT AND DESIGN IS DELEGATED TO SUBCONTRACTOR. SUBMIT LAYOUT FOR REVIEW AND COORDINATION WITH OTHER TRADES**

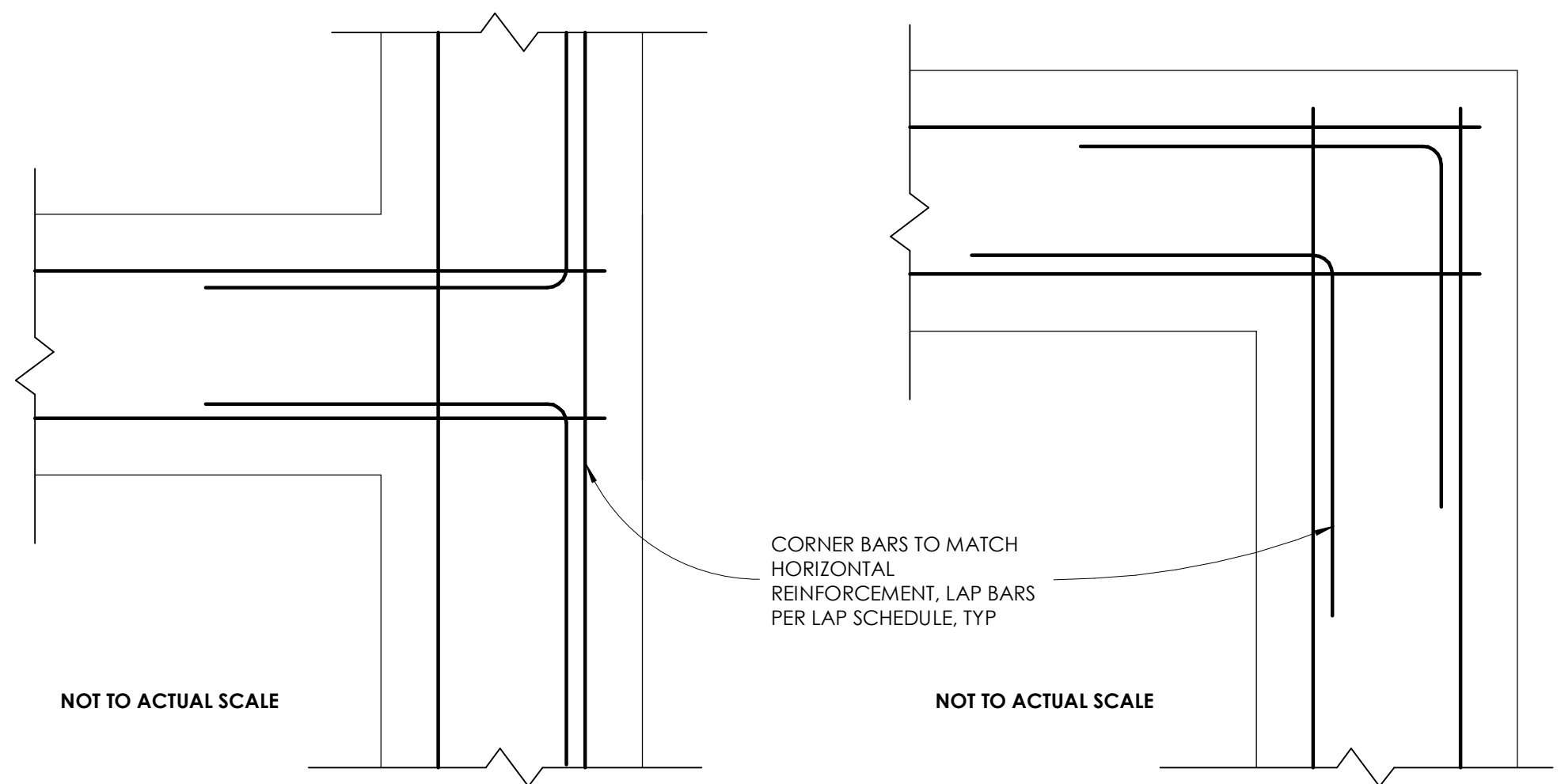
**PROVIDED PLUMBING PLAN IS FOR BIDDING REFERENCE ONLY**



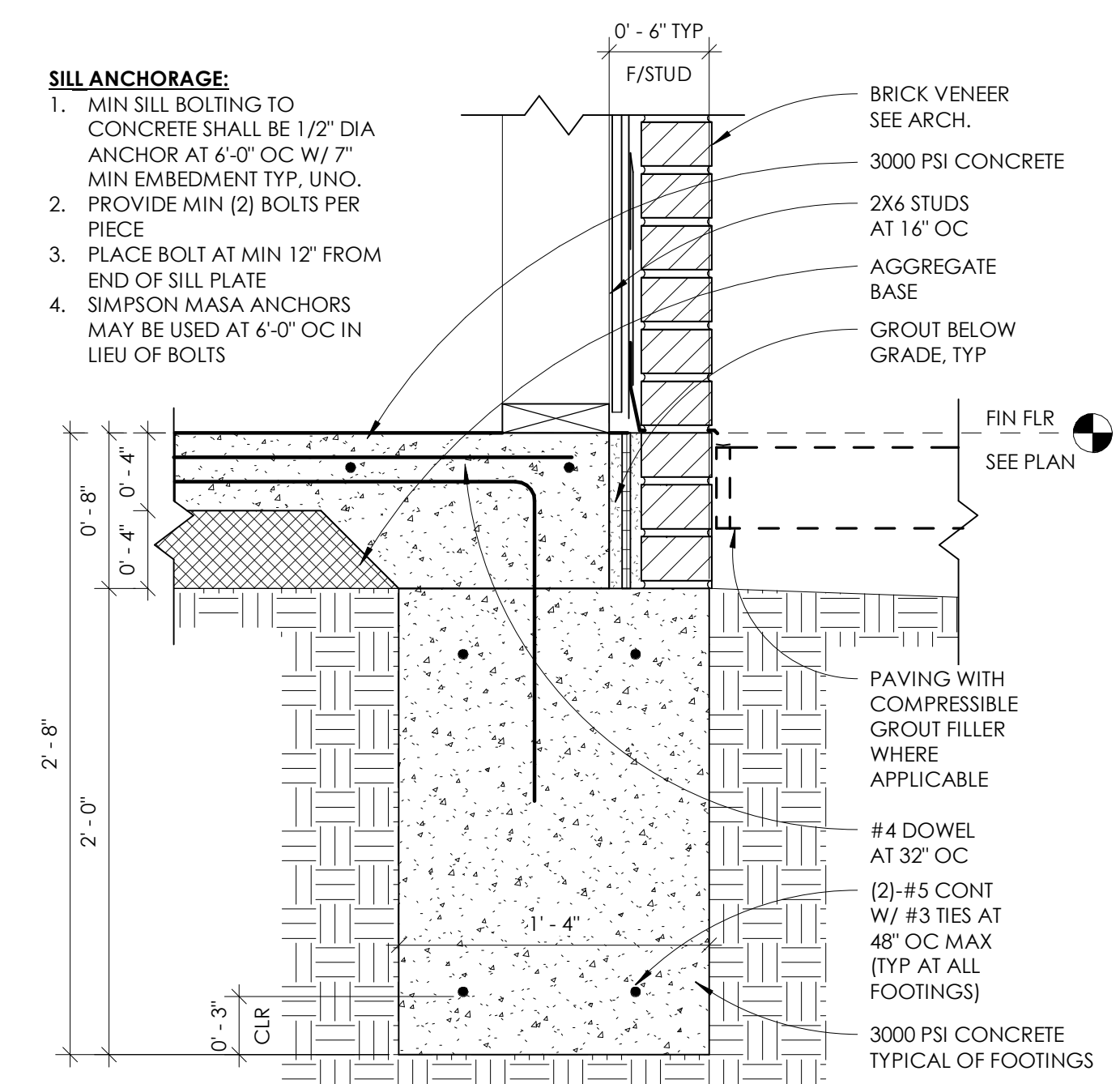


- NOTES:**
- SEE FOUNDATION PLAN FOR ADDITIONAL SLAB INFORMATION, INCLUDING DEPTH AND REINFORCING
  - THE SAWCUTTING SHOULD BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING W/O CHIPPING, SPALLING OR TEARING BUT NOT MORE THAN 8 HOURS AFTER CASTING
  - DOWELS SHALL BE PARALLEL TO THE SLAB'S TOP SURFACE AND PERPENDICULAR TO THE SLAB JOINT. DOWELS SHALL BE A MINIMUM OF 6" FROM ANY SLAB EDGE.

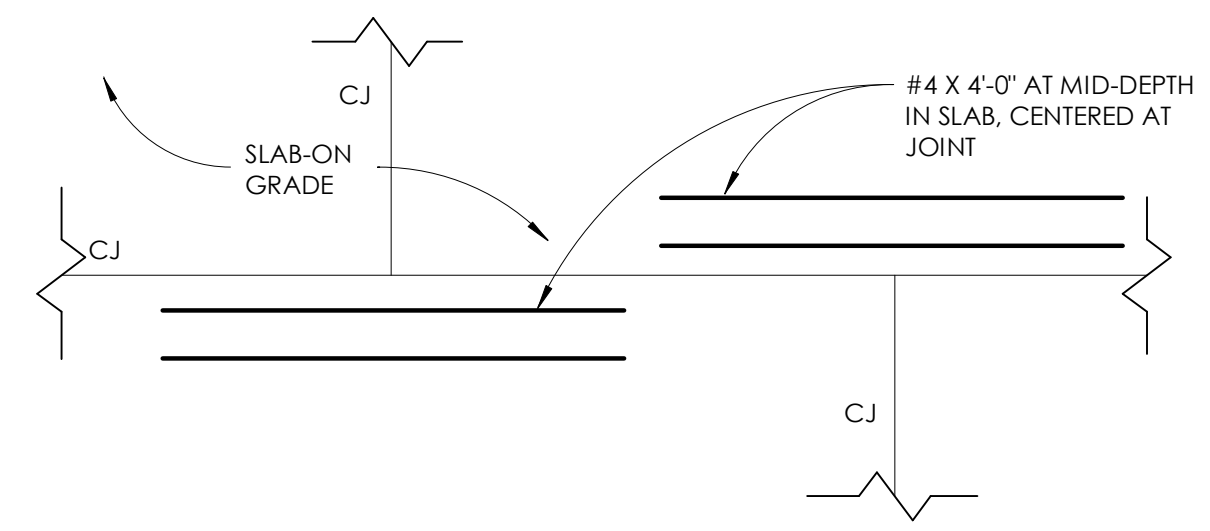
**4** JOINT DETAILS  
1 1/2" = 1'-0"



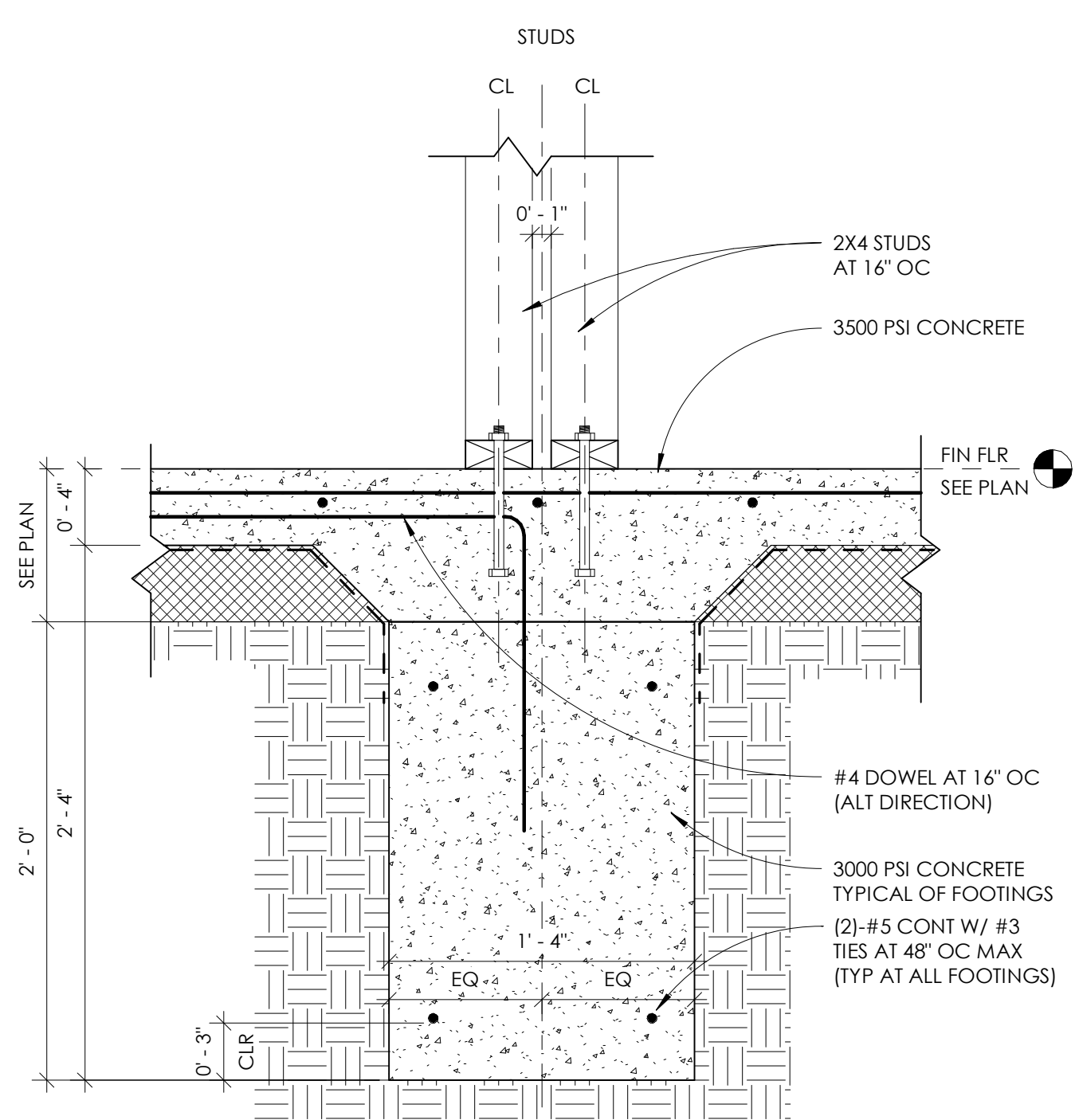
**3** DETAIL CORNER BAR DETAILS  
1 1/2" = 1'-0"



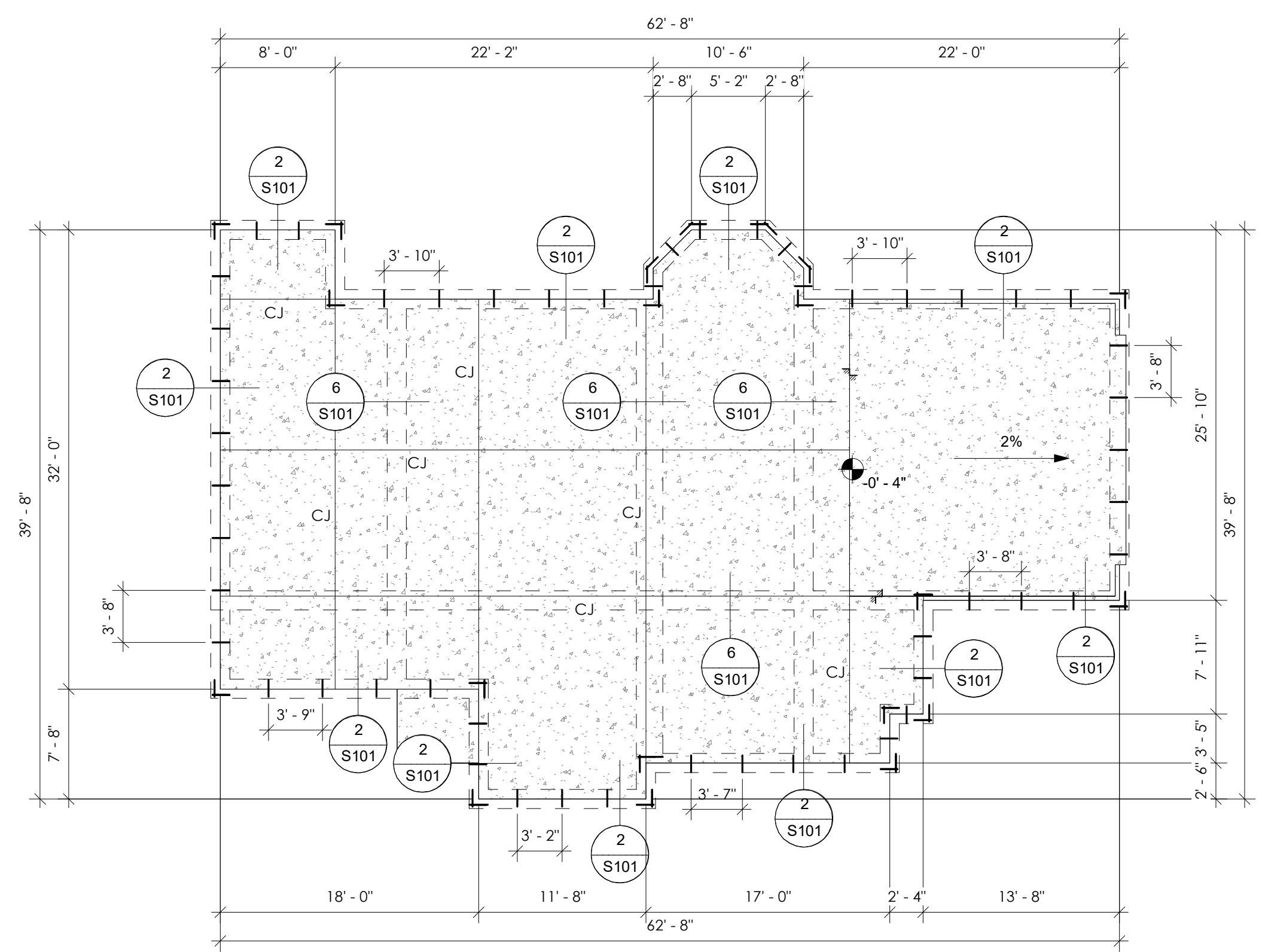
**2** TYPICAL PERIMETER FOOTING DETAIL  
1 1/2" = 1'-0"



**5** REINFORCING AT SLAB JOINT  
1 1/2" = 1'-0"



**6** TYPICAL INTERIOR DIVIDING WALL FOOTING DETAIL  
1 1/2" = 1'-0"



**1** STRUCTURAL FOUNDATIONS PLAN  
1/8" = 1'-0"

- FOUNDATION NOTES:**
- STRUCTURAL FOUNDATION SLAB TO BE POST TENSIONED. STRUCTURAL DESIGN OF POST TENSIONED SLAB TO BE DELEGATED TO WINNING CONTRACTOR AND MEET THE REQUIREMENTS OF THE POST TENSIONING INSTITUTE'S STANDARDS FOR SLAB-ON-GROUND, CURRENT EDITION, AS WELL AS DESIGN CRITERIA FROM THE AMERICAN CONCRETE INSTITUTE AND IBC 2018. ABOVE INFORMATION FOR REFERENCE ONLY



No.	Description	Date

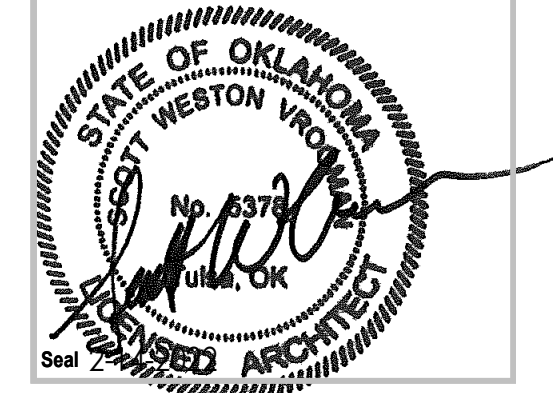
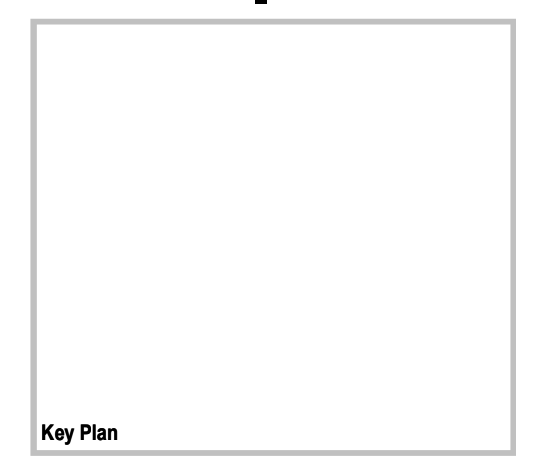
REVISIONS

Consultants

**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
THE CHEROKEE NATION

N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK



CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

SHEET TITLE: **STRUCTURAL FOUNDATIONS PLAN / DETAILS**

DRAWN BY: Author

CHECKED BY: Checker

ISSUE DATE: 2-14-2022

**S-101**

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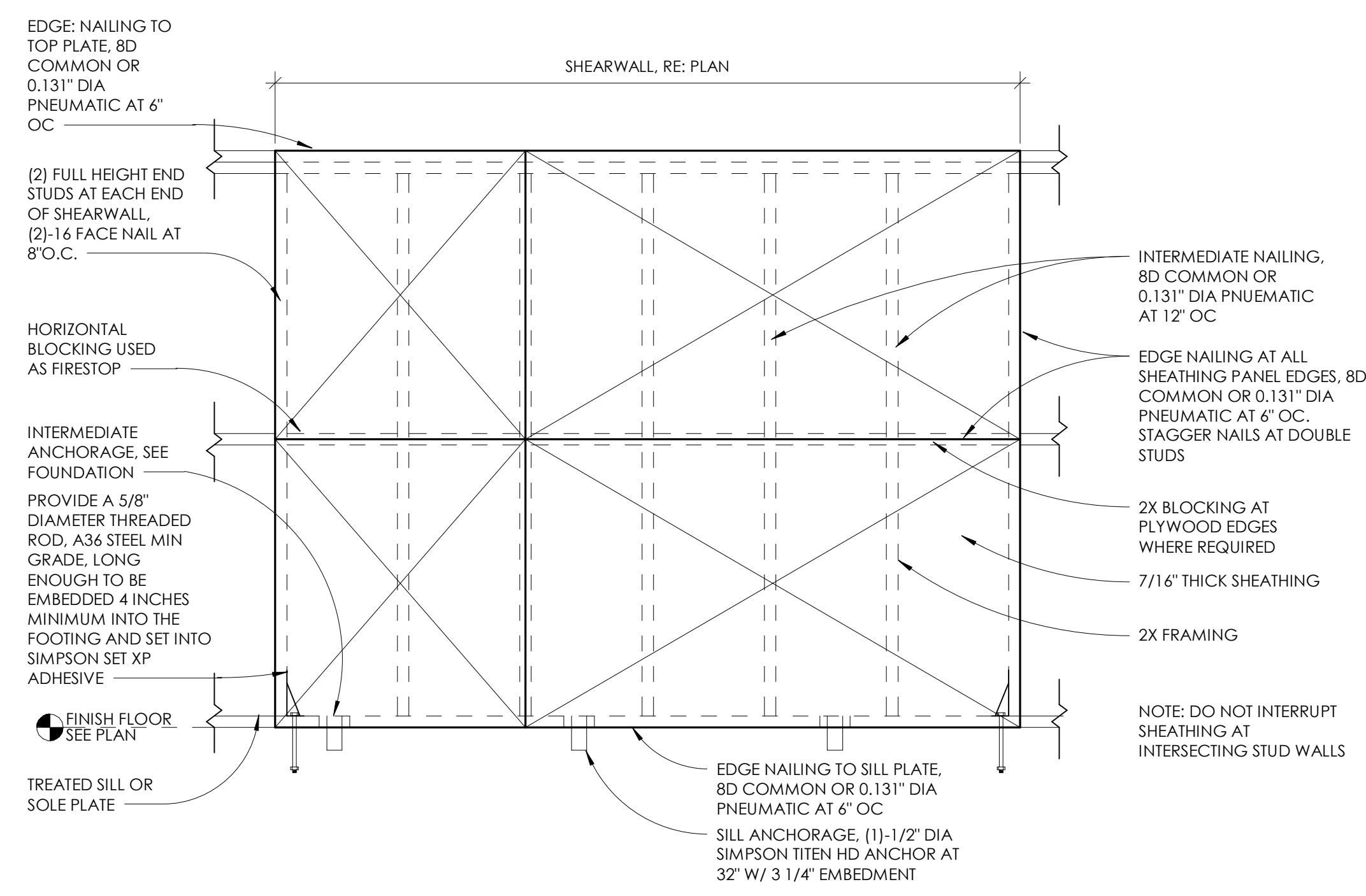
REVISIONS

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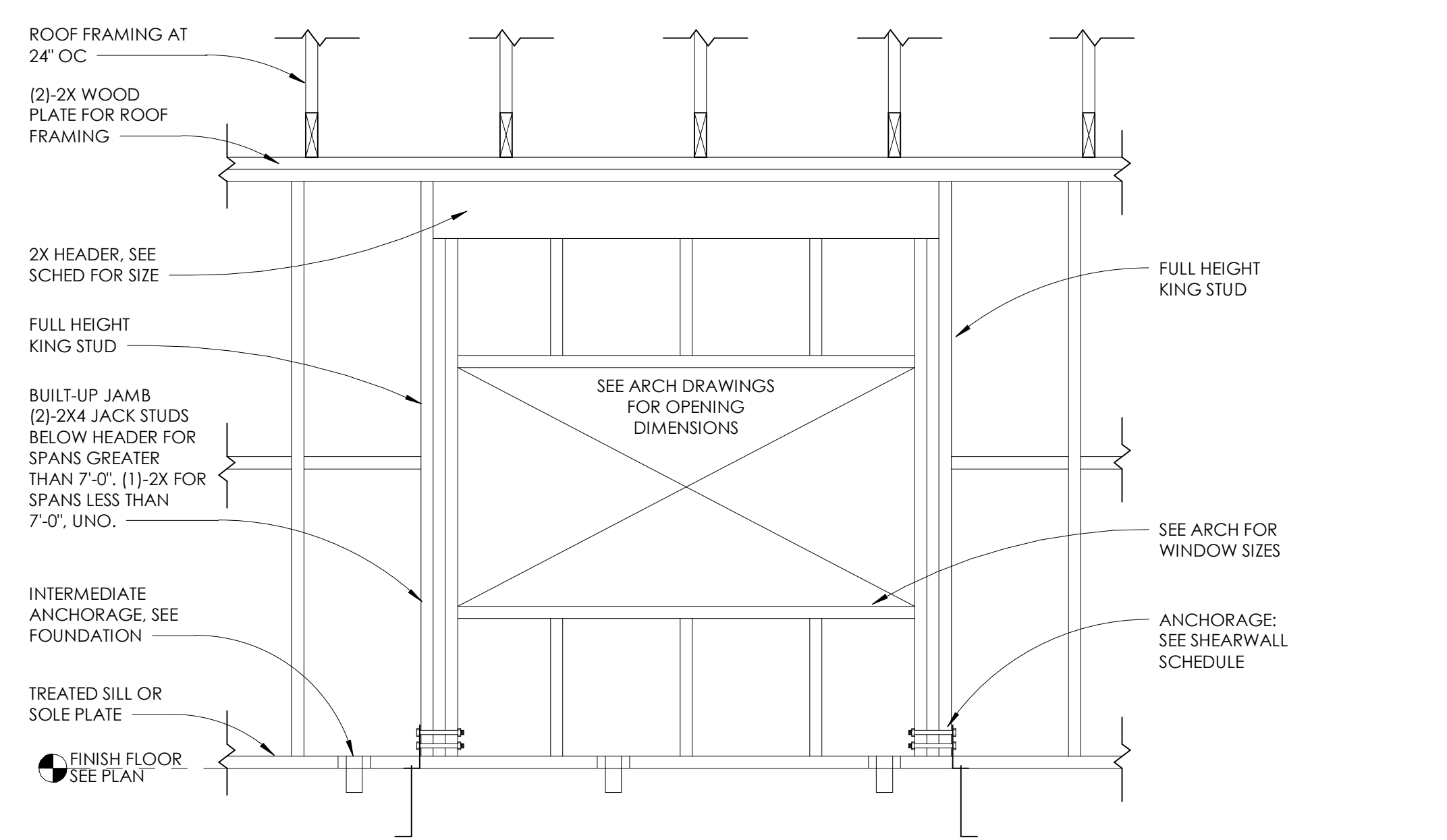
**BRICK LINTEL SCHEDULE**

TYPE	CLEAR SPANS (S)	ANGLE SIZE	BEARING (EACH END)
A	S ≤ 4'-0"	L4x4x3/8	8"
B	4'-0" < S ≤ 7'-0"	L6x4x3/8 (LLV)	8"
C	7'-0" < S ≤ 10'-0"	L8x4x1/2 (LLV)	16"

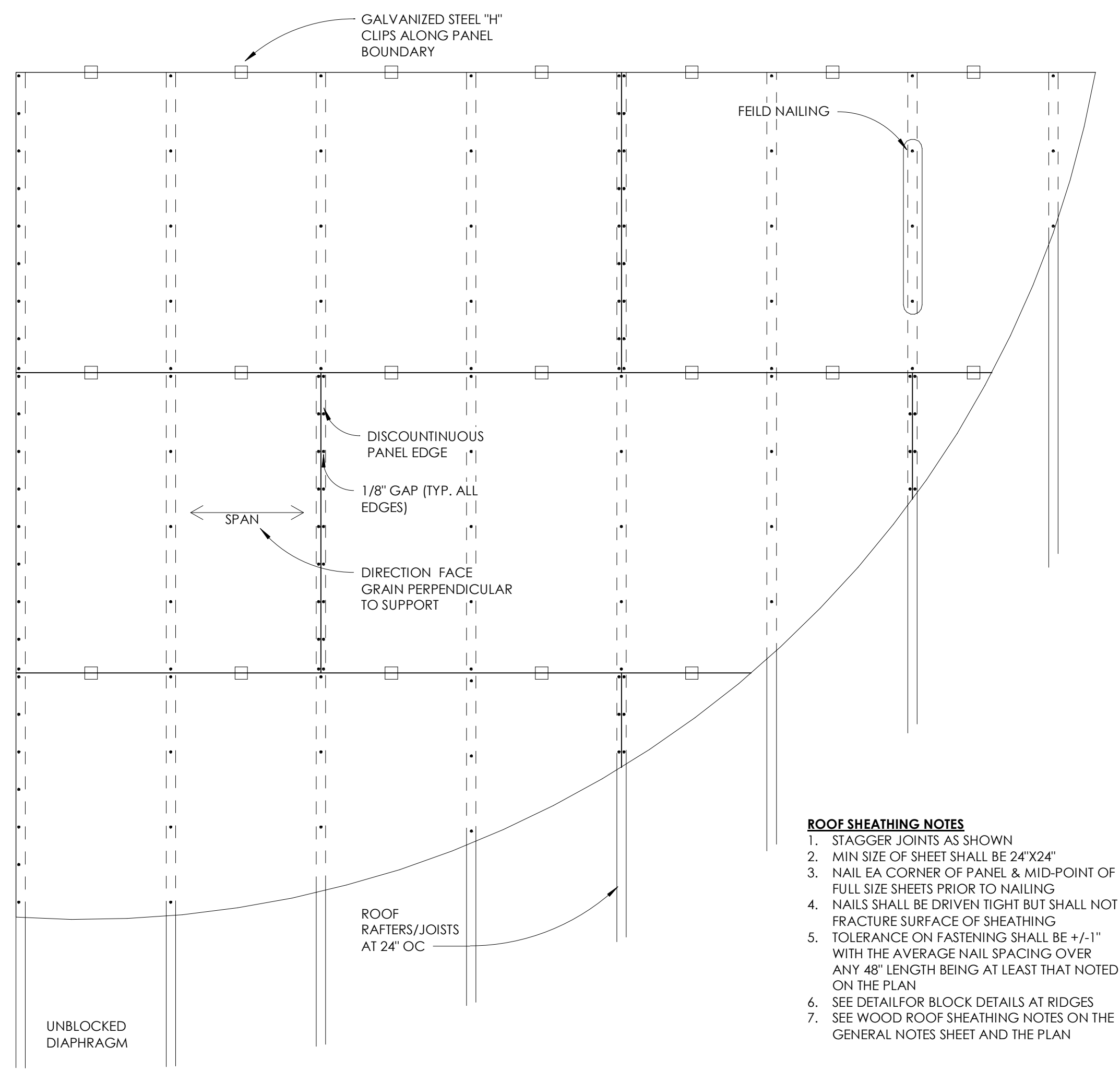
**E** BRICK LINTEL SCHEDULE - B  
3/4" = 1'-0"



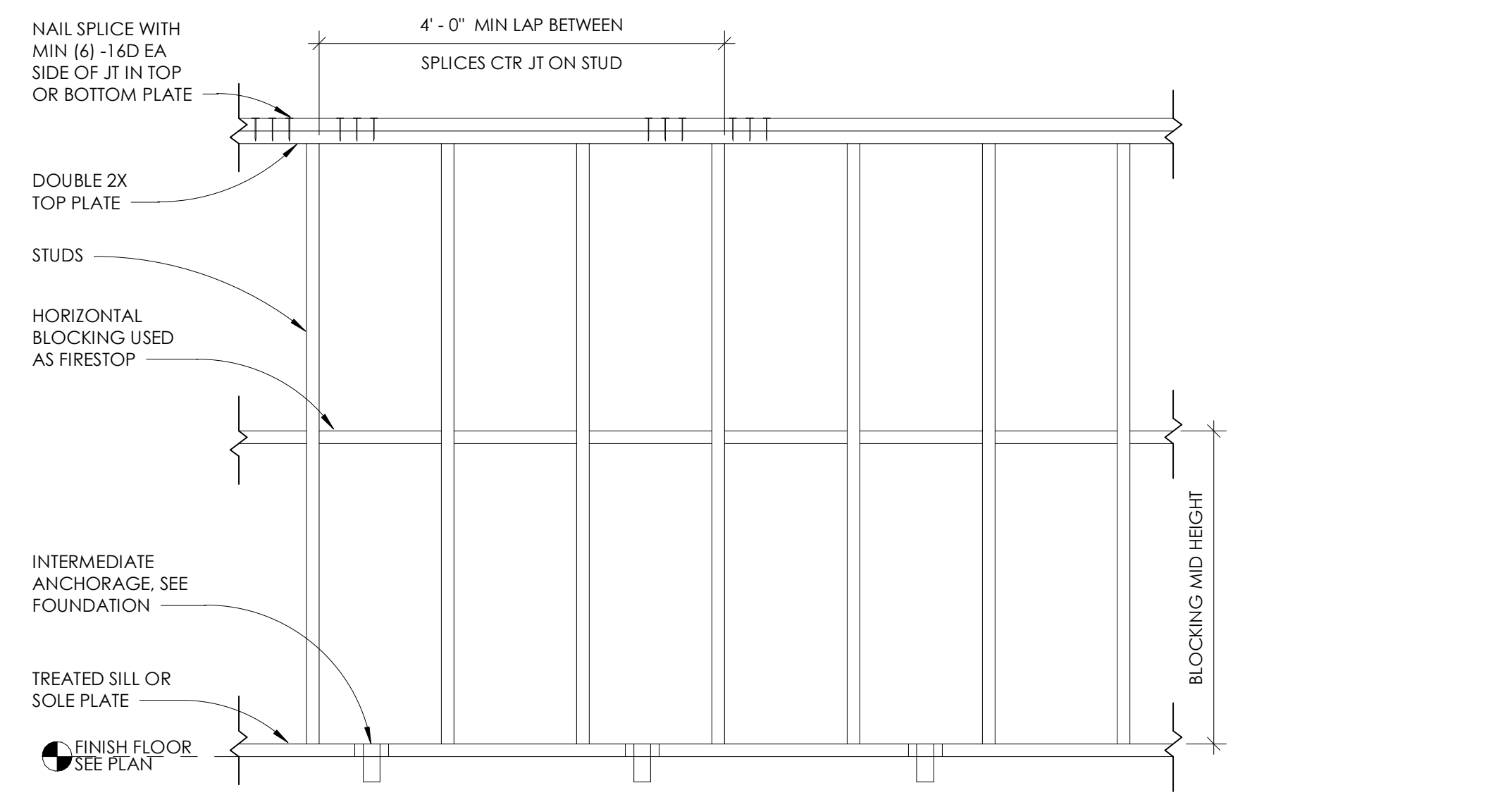
**D** SHEARWALL CONSTRUCTION AND SCHEDULE - B  
3/4" = 1'-0"



**B** EXTERIOR LINTEL ELEVATION AT BEARING WALL - B  
3/4" = 1'-0"



**C** ROOF SHEATHING ON FRAMING - B  
3/4" = 1'-0"



**A** TYP BEARING STUD WALL ELEVATION - B  
3/4" = 1'-0"

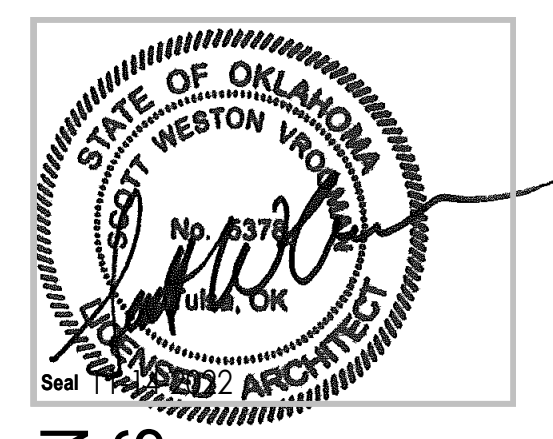
- ROOF SHEATHING NOTES**
1. STAGGER JOINTS AS SHOWN
  2. MIN SIZE OF SHEET SHALL BE 24"X24"
  3. NAIL EA CORNER OF PANEL & MID-POINT OF FULL SIZE SHEETS PRIOR TO NAILING
  4. NAILS SHALL BE DRIVEN TIGHT BUT SHALL NOT FRACTURE SURFACE OF SHEATHING
  5. TOLERANCE ON FASTENING SHALL BE +/- 1" WITH THE AVERAGE NAIL SPACING OVER ANY 48" LENGTH BEING AT LEAST THAT NOTED ON THE PLAN
  6. SEE DETAIL FOR BLOCK DETAILS AT RIDGES
  7. SEE WOOD ROOF SHEATHING NOTES ON THE GENERAL NOTES SHEET AND THE PLAN

**SINGLE FAMILY HOME  
3 BEDROOM B**

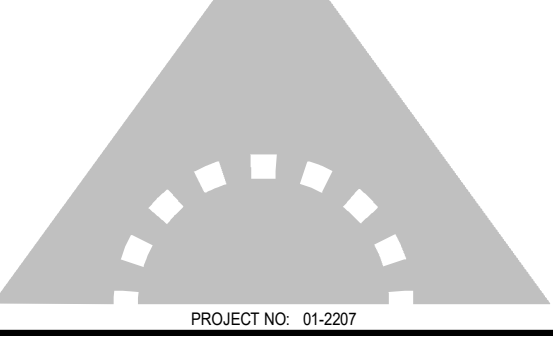
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Key Plan



**CONSTRUCTION DOCUMENTS**



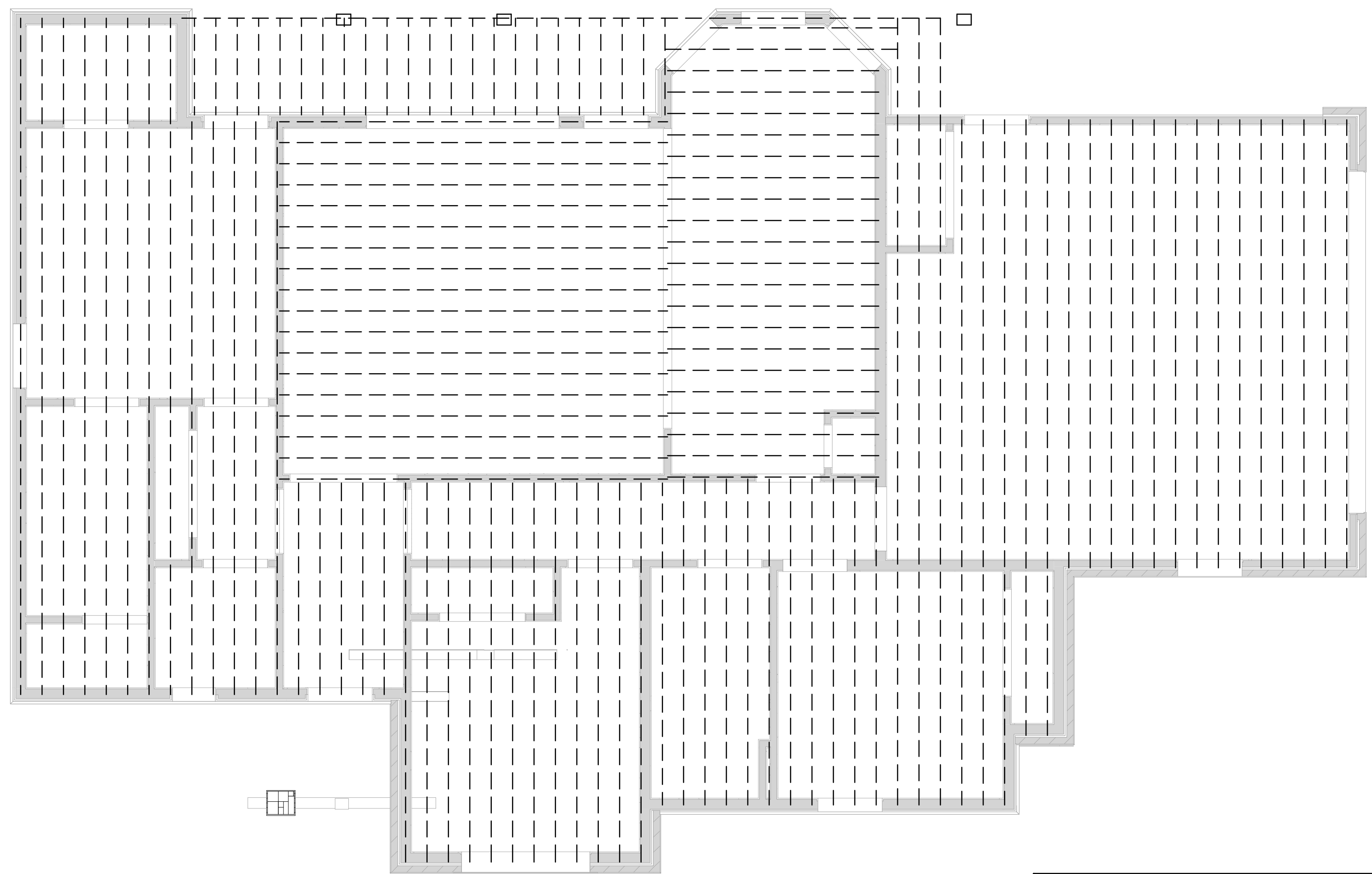
PROJECT NO: 01-2207

SHEET TITLE: **FRAMING DETAILS**

DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2-14-2022

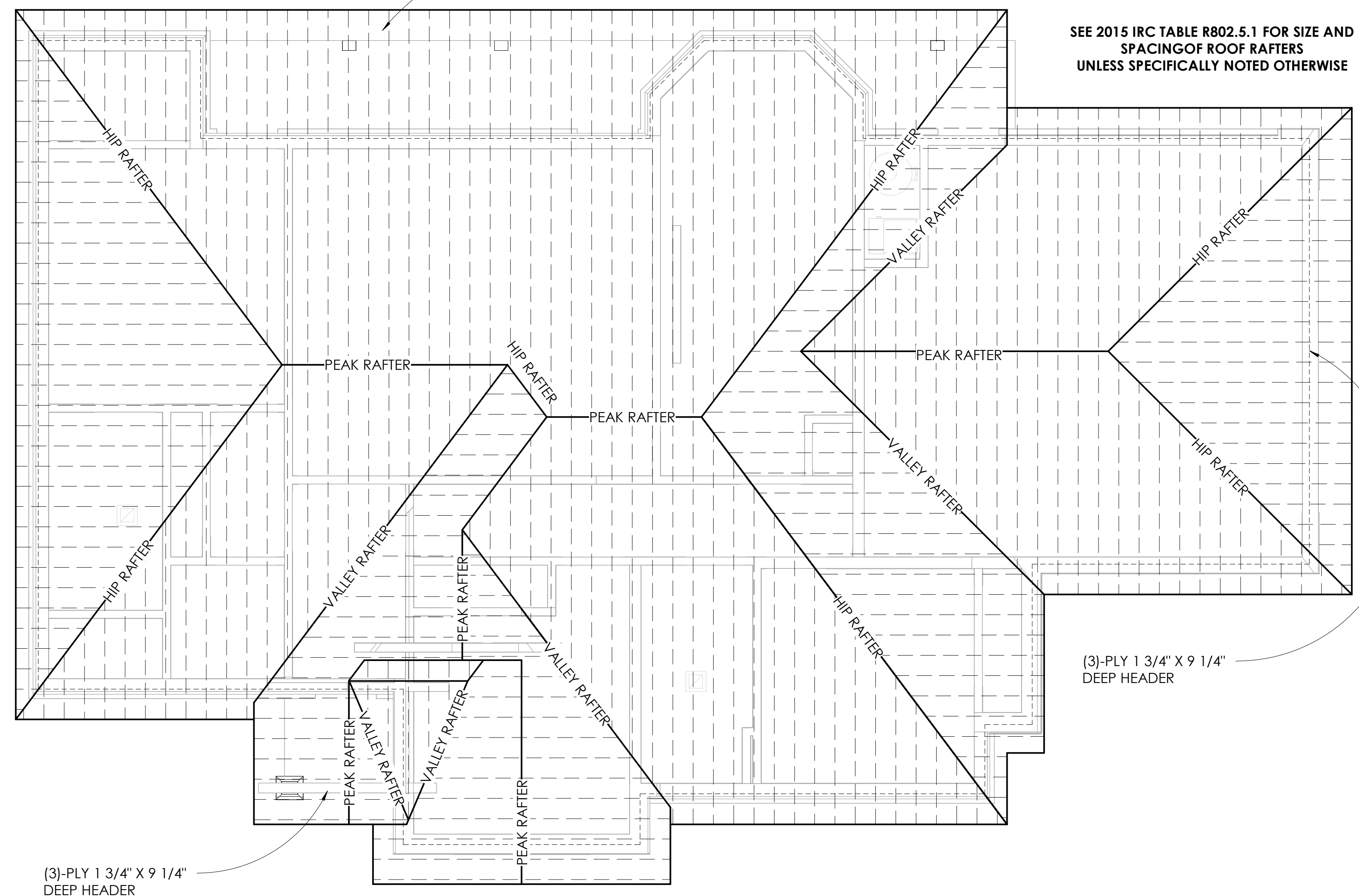
**S-102**





SEE 2015 IRC TABLE R802.4.2 FOR SIZE AND SPACING OF CEILING JOISTS UNLESS SPECIFICALLY NOTED OTHERWISE

2 CEILING FRAMING PLAN - B  
1/4" = 1'-0"



SEE 2015 IRC TABLE R802.5.1 FOR SIZE AND SPACING OF ROOF RAFTERS UNLESS SPECIFICALLY NOTED OTHERWISE

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



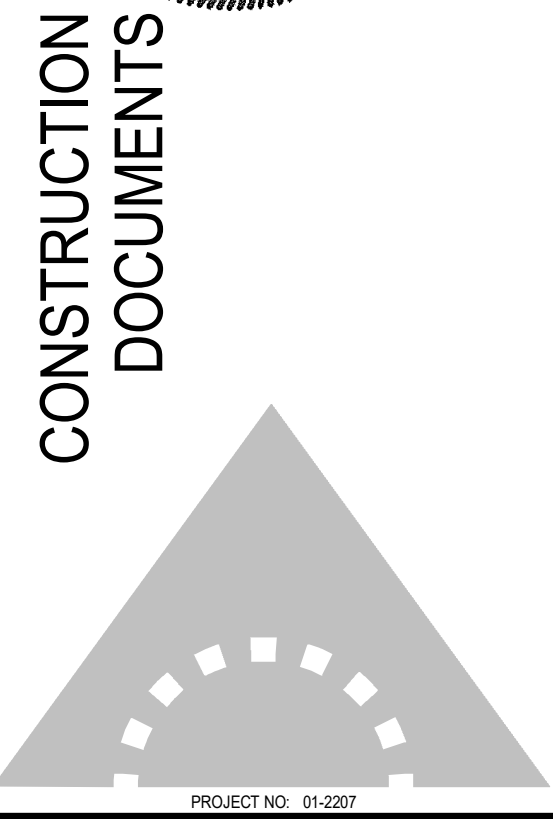
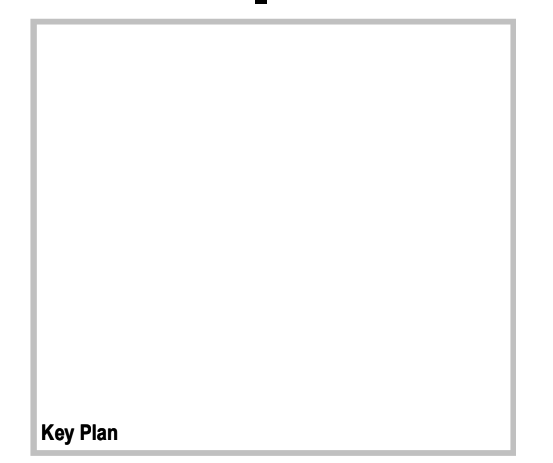
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# SINGLE FAMILY HOME 3 BEDROOM B

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N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK



PROJECT NO: 01-2207

SHEET TITLE: ROOF AND CEILING FRAMING PLANS

DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2 -14-2022

## S-103

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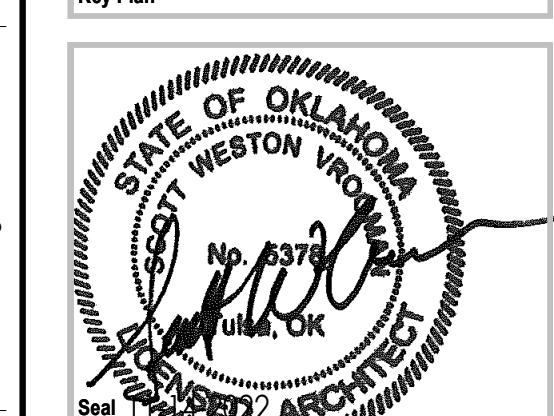
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# SINGLE FAMILY HOME 3 BEDROOM B

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COLLINSVILLE, OK

Key Plan



## CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207  
SHEET TITLE: FLOOR PLAN & ROOF PLAN  
DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2-14-2022  
**A-101**

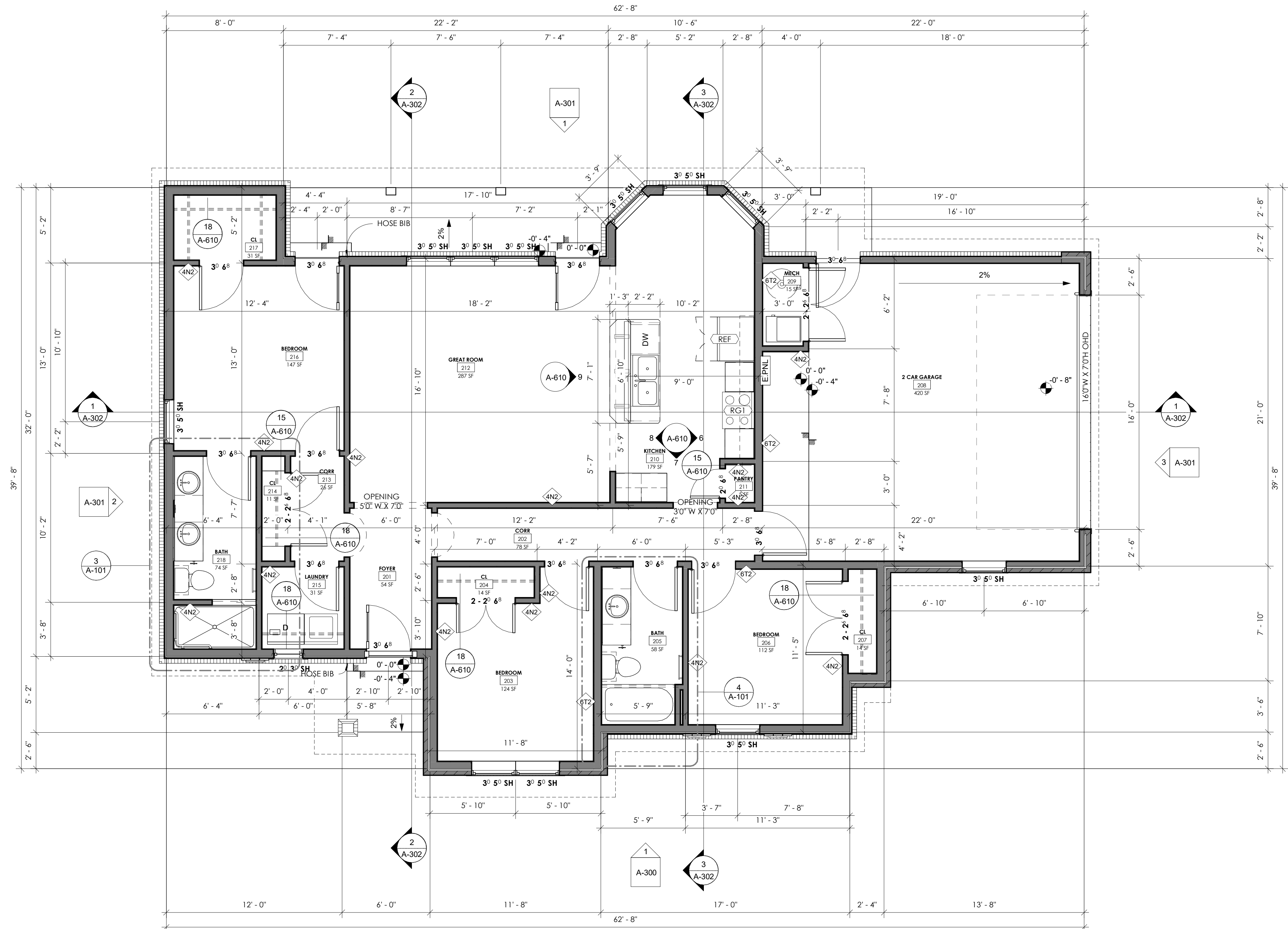
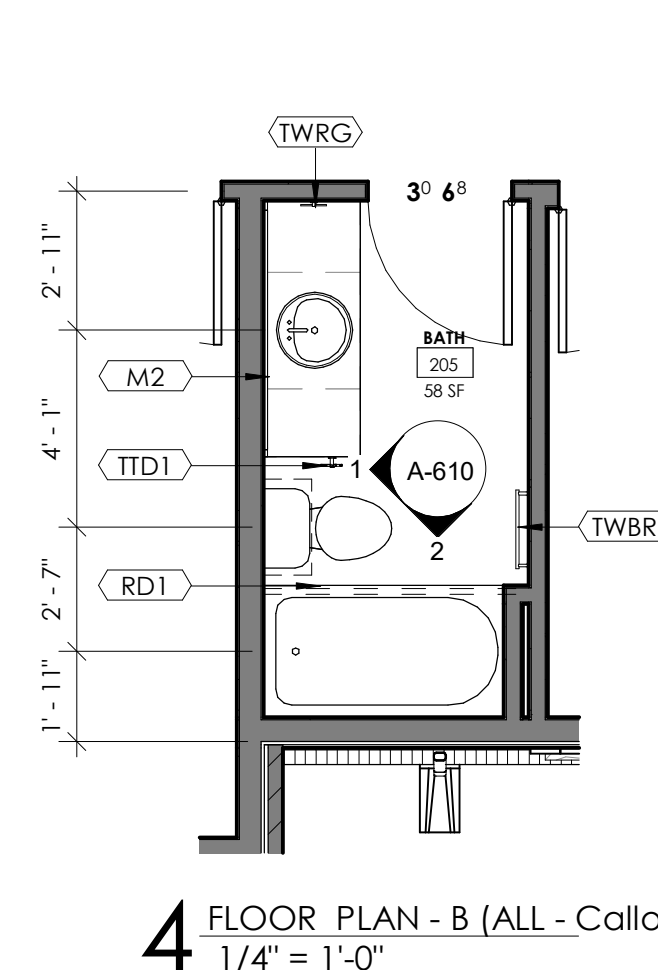
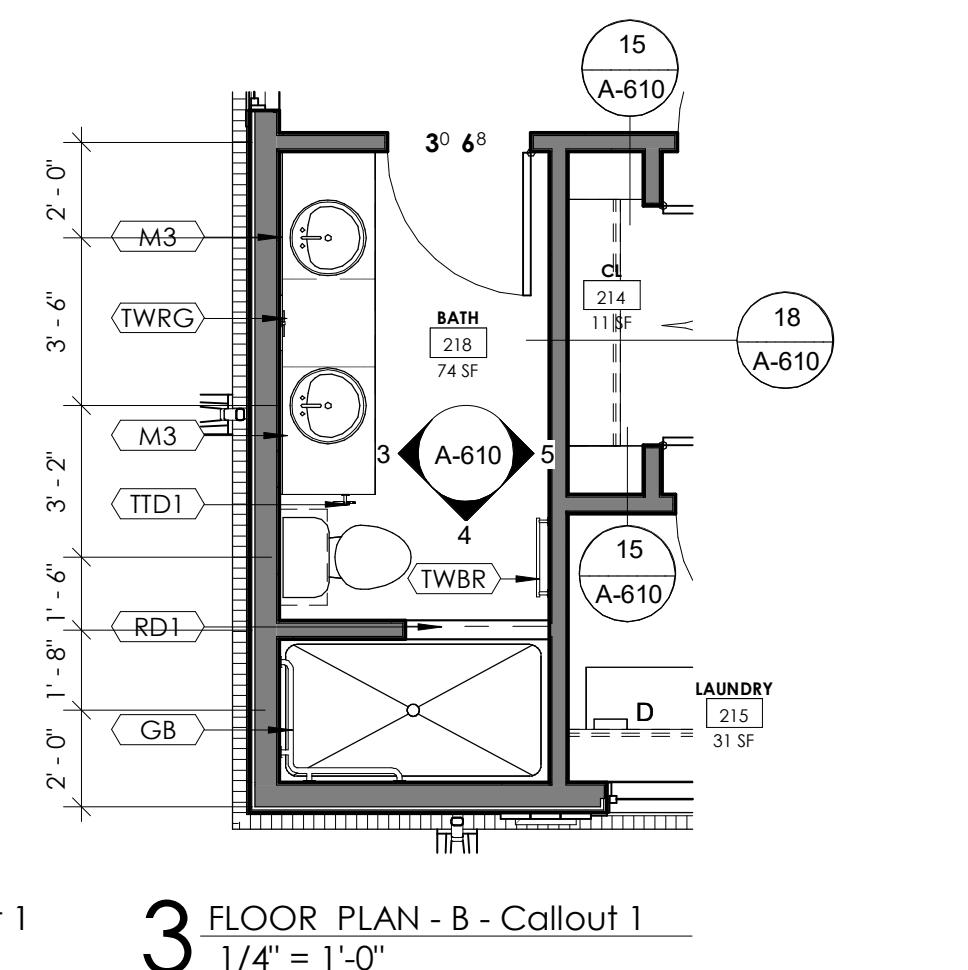
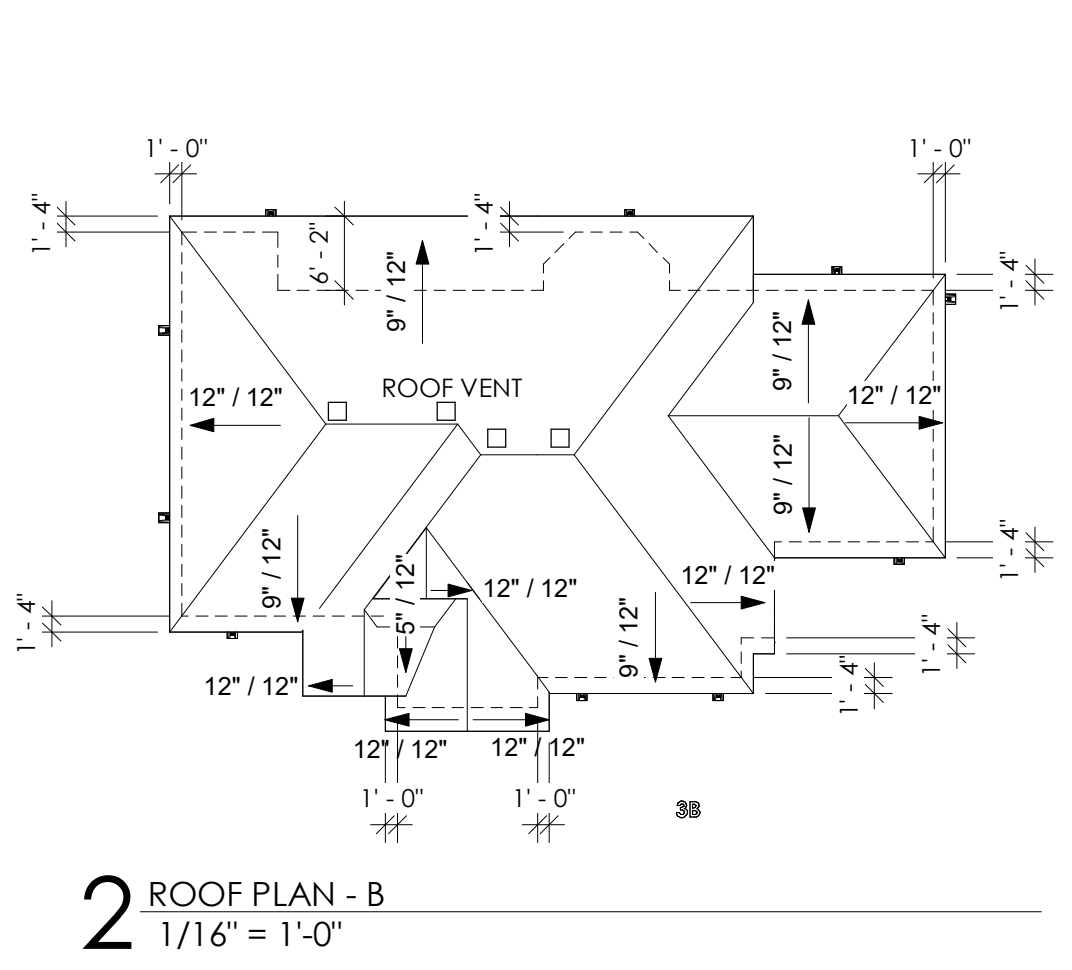
### INTERIOR PARTITIONS

<b>A. WALL CORE WIDTH</b>	<b>B. INSULATION TYPE</b>
4. 2x4 WOOD STUDS	A. ACOUSTICAL
6. 2X6 WOOD STUDS	T. THERMAL
	N. NONE
<b>C. WALL HEIGHT</b>	<b>I. CODERATING</b>

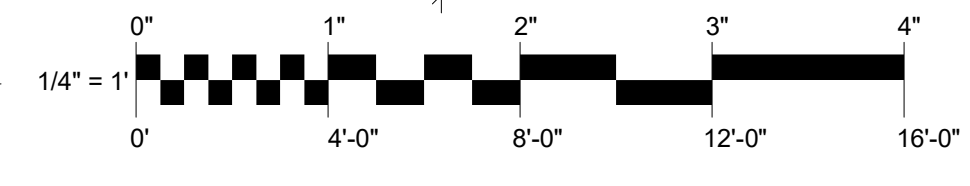
L. LOW WALL - DOES NOT REACH CEILING, REF. ELEVATIONS FOR WALL HEIGHT  
1. WALL STUDS AND ONE SIDE GYP EXTEND TO PLATE  
2. WALL STUDS AND BOTH SIDES GYP EXTEND TO PLATE

**GENERAL INTERIOR WALL CONSTRUCTION NOTES**

- AT PORTIONS OF WALL STRUCTURE (EX: STUDS) NOT OTHERWISE DEFINED WHICH ARE EXPOSED TO VIEW INSTALL 1/2" GYPSUM BD ULTRALIGHT FIRECODE PANELS AND PREPARE FOR PAINT.
- INSTALL MOLD & MOISTURE RESISTANT GYP BD NO LESS THAN 4'-0" FROM ALL PLUMBING FIXTURES, UNLESS BEHIND TILE.
- INSTALL CEMENTITIOUS TILE BACKER BOARD BEHIND ALL TILE.
- INSTALL CONTROL JOINTS AS RECOMMENDED BY INDUSTRY STANDARDS, MAXIMUM 20'-0" ON CENTER, OR AS SHOWN OTHERWISE, WHICHEVER RESULTS IN SMALLER SPANS BETWEEN JOINTS. WHERE POSSIBLE, ALIGN VERTICAL JOINTS WITH DOOR OR WINDOW JAMBS OR OTHER OPENING EDGES.
- REF. WALL SECTIONS & DETAILS FOR EXTERIOR WALL CONSTRUCTION



#	Name	Area
<b>EXTERIOR (COVERED)</b>		
219	BACK PORCH	105 SF
200	FRONT PORCH	26 SF
220	SIDE PORCH	37 SF
<b>LIVING</b>		
205	BATH	58 SF
218	BATH	74 SF
203	BEDROOM	124 SF
206	BEDROOM	112 SF
216	BEDROOM	147 SF
204	CL	14 SF
207	CL	14 SF
214	CL	11 SF
217	CL	31 SF
202	CORR	78 SF
213	CORR	26 SF
201	FOYER	54 SF
210	GREAT ROOM	287 SF
212	KITCHEN	179 SF
215	LAUNDRY	31 SF
211	PANTRY	5 SF
<b>UNCONDITIONED</b>		
208	2 CAR GARAGE	420 SF
209	MECH	15 SF



	POWER SWITCH		CEILING FAN WITH LIGHT KIT
	3 WAY POWER SWITCH		DOMELIGHT
	4 WAY POWER SWITCH		CEILING LIGHT
	POWER SWITCH FOR BATHROOM HEAT, VENT, LIGHT		HEAT, VENT, & LIGHT
	DUPLEX OUTLET		SECURITY FLOOD LIGHTS
	GROUND FAULT CIRCUIT INTERRUPT OUTLET		
	COUNTER HEIGHT OUTLET		
	QUAD OUTLET		
	RECESSED ELECTRICAL PANEL		

**REFER TO ELECTRICAL DRAWINGS FOR POWER LIGHTING AND SWITCHING LAYOUT**

**GENERAL ELECTRICAL NOTES:**

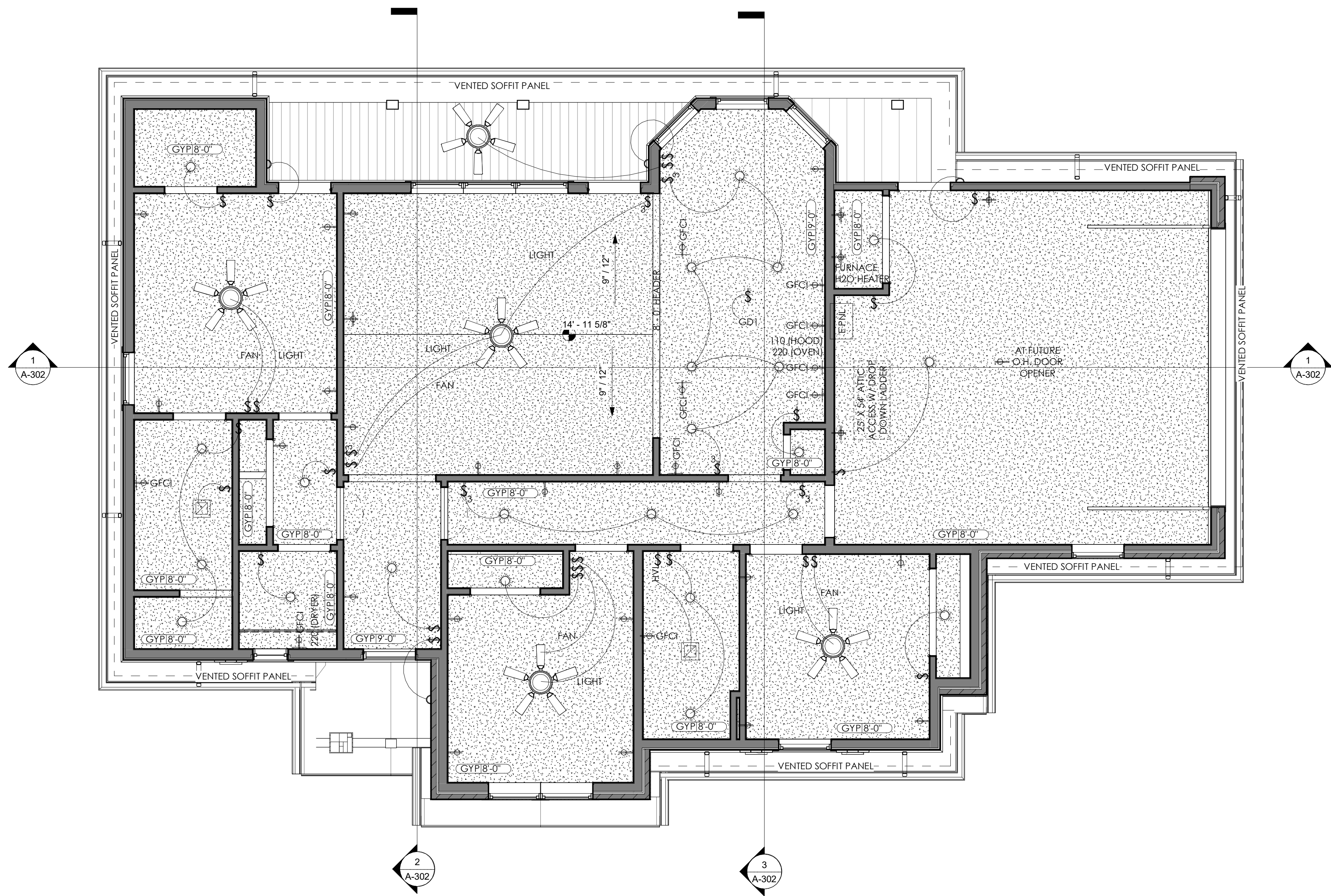
- 200 AMP SERVICE TO HOUSE. ELECTRICIAN TO VERIFY LOAD PRIOR TO INSTALLATION
- INSTALL CEILING FANS WITH LIGHT KITS IN ALL BEDROOMS, AND GREAT ROOM
- INSTALL GARAGE DOOR OPENER(S) IN GARAGE
- LOCATE ELECTRICAL OUTLETS 18" A.F.F. OR 8" ABOVE COUNTER
- USE GFCI OUTLETS WITH 4" - 0" OF ANY PLUMBING FIXTURE OR WET LOCATION, INCLUDING BATHROOMS, KITCHEN, GARAGE AND EXTERIOR

**LOCATIONS:**

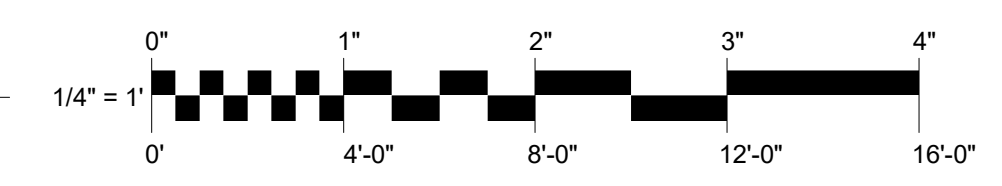
- 4 DUPLEX IN EACH BEDROOM
- 4 DUPLEX & 1 QUAD IN GREAT ROOM
- GFCI AT 4' O.C. IN KITCHEN
- DUPLEX AT 12' - 0" O.C. IN HALLWAYS AND OTHER ROOMS
- AT LEAST 1 CONVENIENCE DUPLEX IN EACH ROOM, EXCEPT CLOSETS UNDER 40 SF
- 2 QUAD IN GARAGE
- AS REQUIRED FOR EQUIPMENT (FURNACE, H2O HEATER, WASHER, DRYER, REFRIGERATOR, GARBAGE DISPOSAL OVEN, STOVE, HOOD, MICROWAVE, GARAGE DOOR OPENER, ETC.)

**CEILING LEGEND**

	GYP GYPSUM BOARD CEILING PAINT P1
--	--



**1** GROUND LEVEL - B  
1/4" = 1'-0"



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Tulsa, OK 74103  
918.743.2724 (M)  
918.743.2725 (F)

No.	Description	Date

REVISIONS

Consultants

**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
THE CHEROKEE NATION

N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK

Key Plan

**CONSTRUCTION  
DOCUMENTS**

PROJECT NO. 01-2207

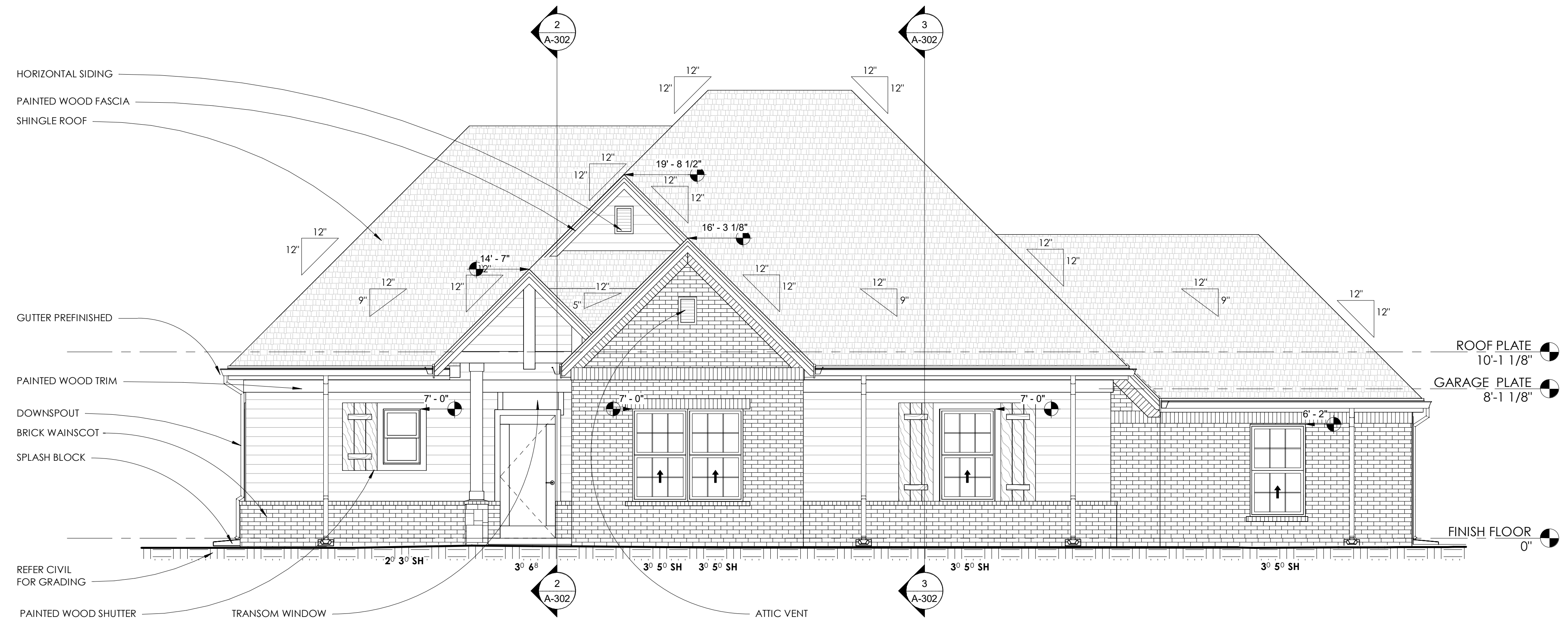
SHEET TITLE: REFLECTED  
CEILING PLAN

DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2-14-2022

**A-130**

O N M L K J I H G F E D C B A

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**1** ELEVATION B - FRONT 1  
1/4" = 1'-0"

**EXTERIOR COLORS**

ALL EXTERIOR COLORS TO BE REVIEWED AND VERIFIED BY OWNER, IN WRITING, WITH PHYSICAL SAMPLE MOCK UPS AT LEAST 2' - 0" X 2' - 0" IN SIZE EVALUATED OUTSIDE BOTH UNDER DIRECT SUNLIGHT AND UNDER SHADE. OWNER'S WRITTEN ACCEPTANCE OF SAMPLE IS REQUIRED PRIOR TO ORDERING EXTERIOR FINISH CONSTRUCTION MATERIALS.

**BRICK**  
ALL BRICK, TO BE 3 COLOR FAMILY BLEND

**STONE**  
FAUX STONE AT COLUMN BASES TO BE A SINGLE COLOR

**3 EXTERIOR PAINT COLORS:**

1. FIELD COLOR AT SIDING, AND ROOF SOFFIT.
  - A. SIDING & SOFFIT PANELING WITH INTEGRAL COLOR MATCHING FIELD PAINT COLOR IS ACCEPTABLE
2. TRIM COLOR AT TRIM, ENTRY WOOD WORK AND ROOF FASCIA
3. ACCENT COLOR AT FRONT DOOR AND SHUTTERS

PRECISE COLORS TO BE DETERMINED BY CLIENT AND ARCHITECT DURING THE SUBMITTAL PROCESS

No.	Description	Date

REVISIONS

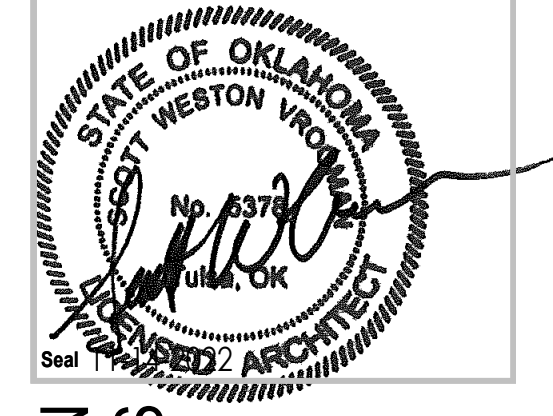
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**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
THE CHEROKEE NATION

N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK

Key Plan



CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

SHEET TITLE: **EXTERIOR ELEVATIONS - FRONT**

DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2-14-2022

**A-300**

No.	Description	Date

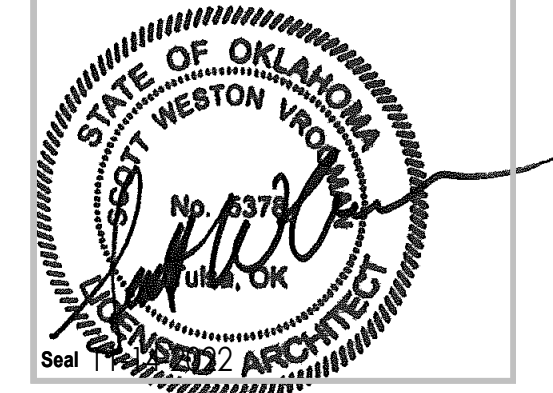
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# SINGLE FAMILY HOME 3 BEDROOM B

HOUSING AUTHORITY OF  
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N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK

Key Plan

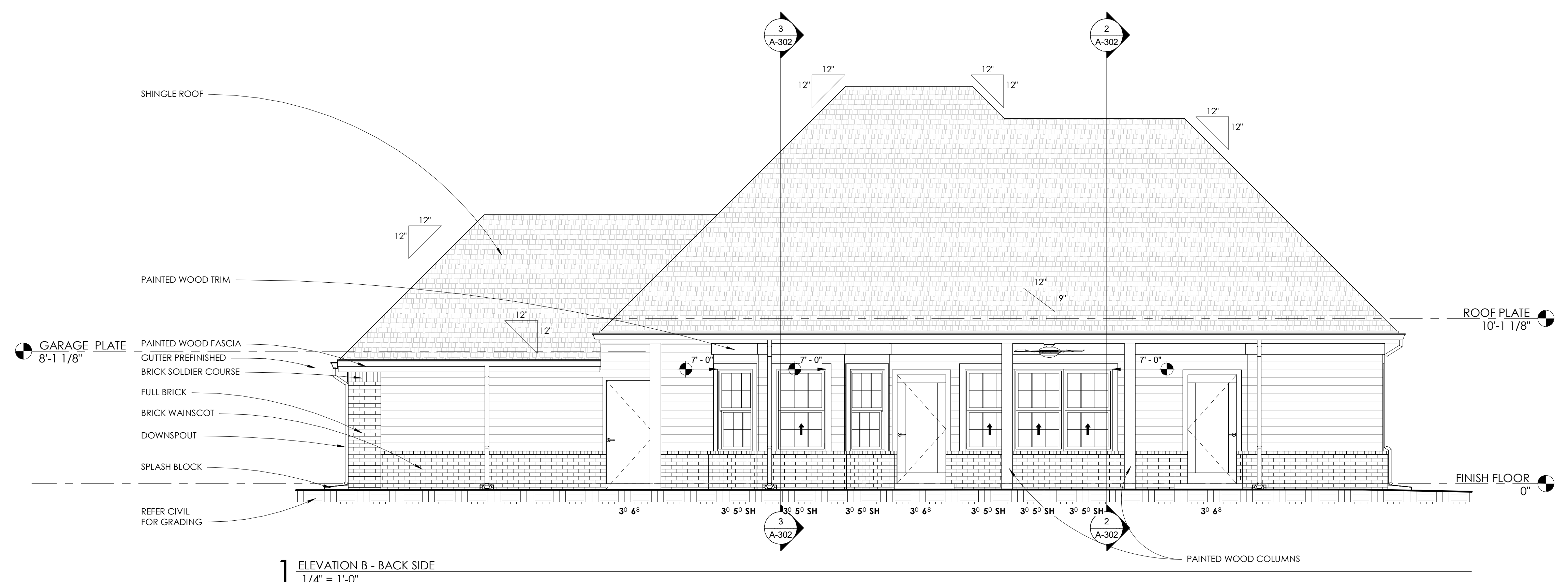


CONSTRUCTION DOCUMENTS

PROJECT NO: 01-2207

SHEET TITLE: EXTERIOR ELEVATIONS  
DRAWN BY: Author  
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ISSUE DATE: 2-14-2022

## A-301



**1** ELEVATION B - BACK SIDE  
1/4" = 1'-0"

**EXTERIOR COLORS**

ALL EXTERIOR COLORS TO BE REVIEWED AND VERIFIED BY OWNER, IN WRITING, WITH PHYSICAL SAMPLE MOCK UPS AT LEAST 2' - 0" X 2' - 0" IN SIZE EVALUATED OUTSIDE BOTH UNDER DIRECT SUNLIGHT AND UNDER SHADE. OWNER'S WRITTEN ACCEPTANCE OF SAMPLE IS REQUIRED PRIOR TO ORDERING EXTERIOR FINISH CONSTRUCTION MATERIALS.

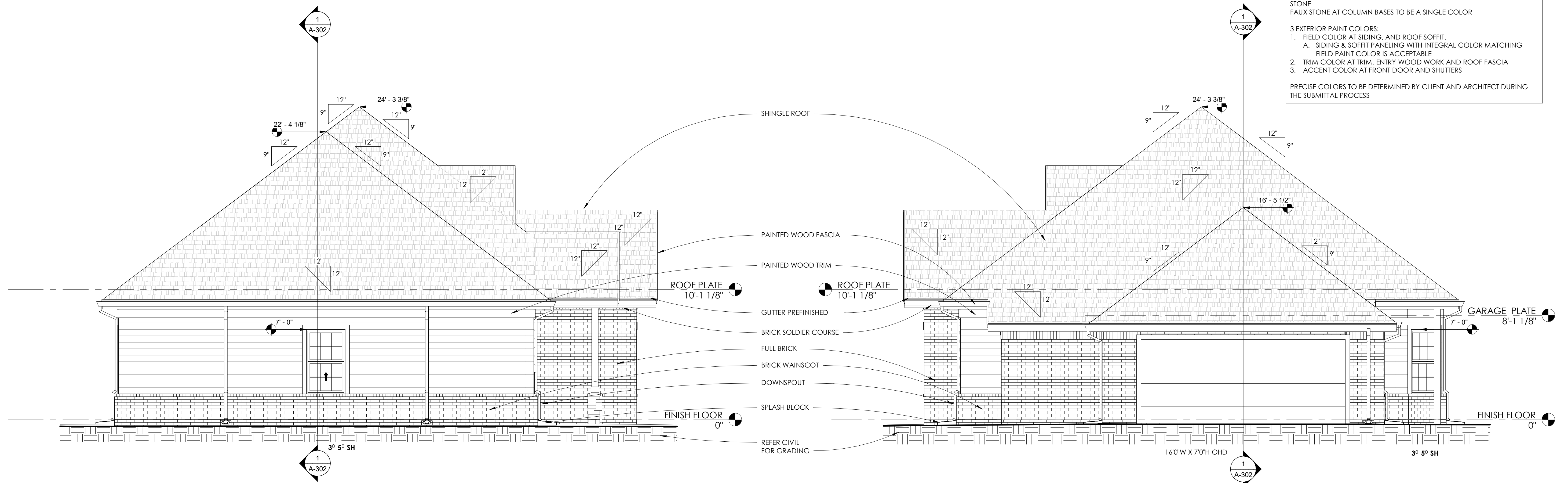
**BRICK**  
ALL BRICK, TO BE 3 COLOR FAMILY BLEND

**STONE**  
FAUX STONE AT COLUMN BASES TO BE A SINGLE COLOR

**3 EXTERIOR PAINT COLORS:**

- FIELD COLOR AT SIDING, AND ROOF SOFFIT.
  - A. SIDING & SOFFIT PANELING WITH INTEGRAL COLOR MATCHING
  - FIELD PAINT COLOR IS ACCEPTABLE
- TRIM COLOR AT TRIM, ENTRY WOOD WORK AND ROOF FASCIA
- ACCENT COLOR AT FRONT DOOR AND SHUTTERS

PRECISE COLORS TO BE DETERMINED BY CLIENT AND ARCHITECT DURING THE SUBMITTAL PROCESS



**2** ELEVATION B - LEFT SIDE  
1/4" = 1'-0"

**3** ELEVATION B - RIGHT SIDE  
1/4" = 1'-0"



No.	Description	Date

REVISIONS

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**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
THE CHEROKEE NATION

N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK

Key Plan



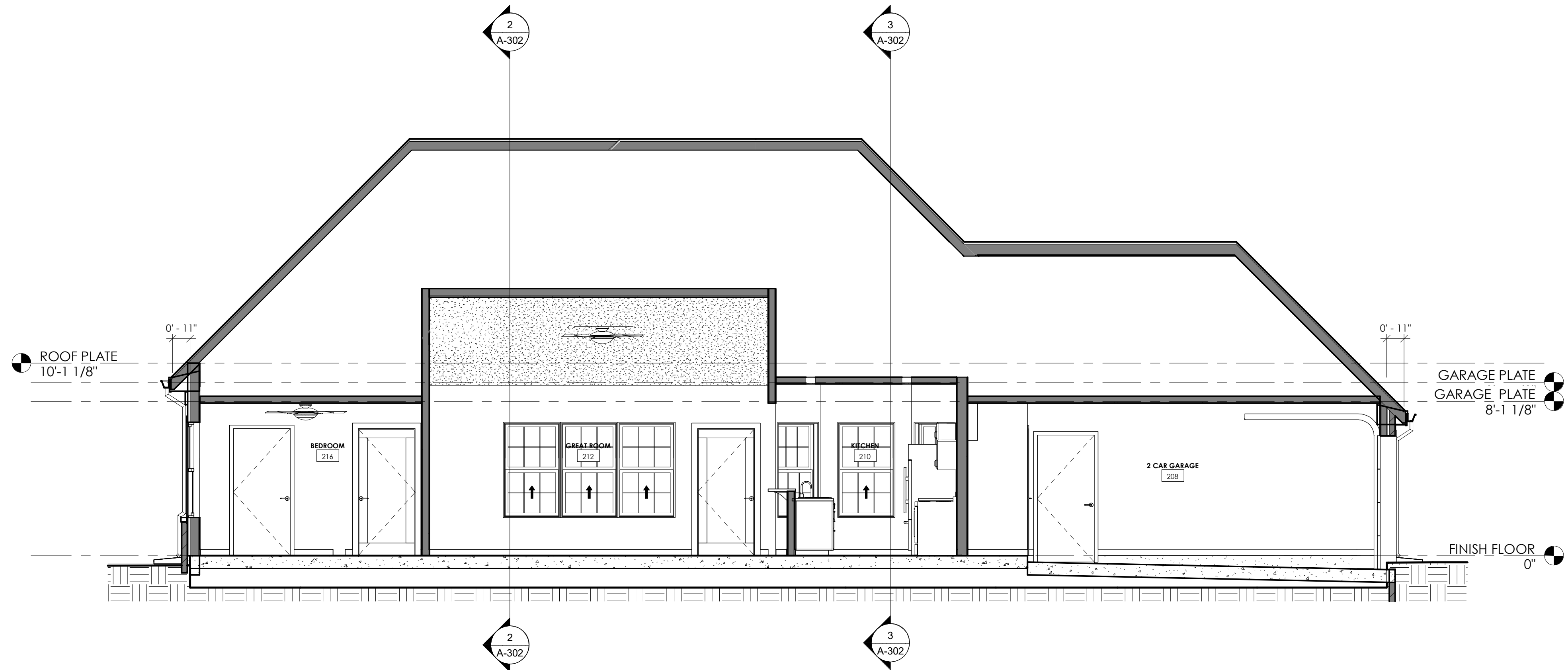
CONSTRUCTION DOCUMENTS

PROJECT NO: 01-2207

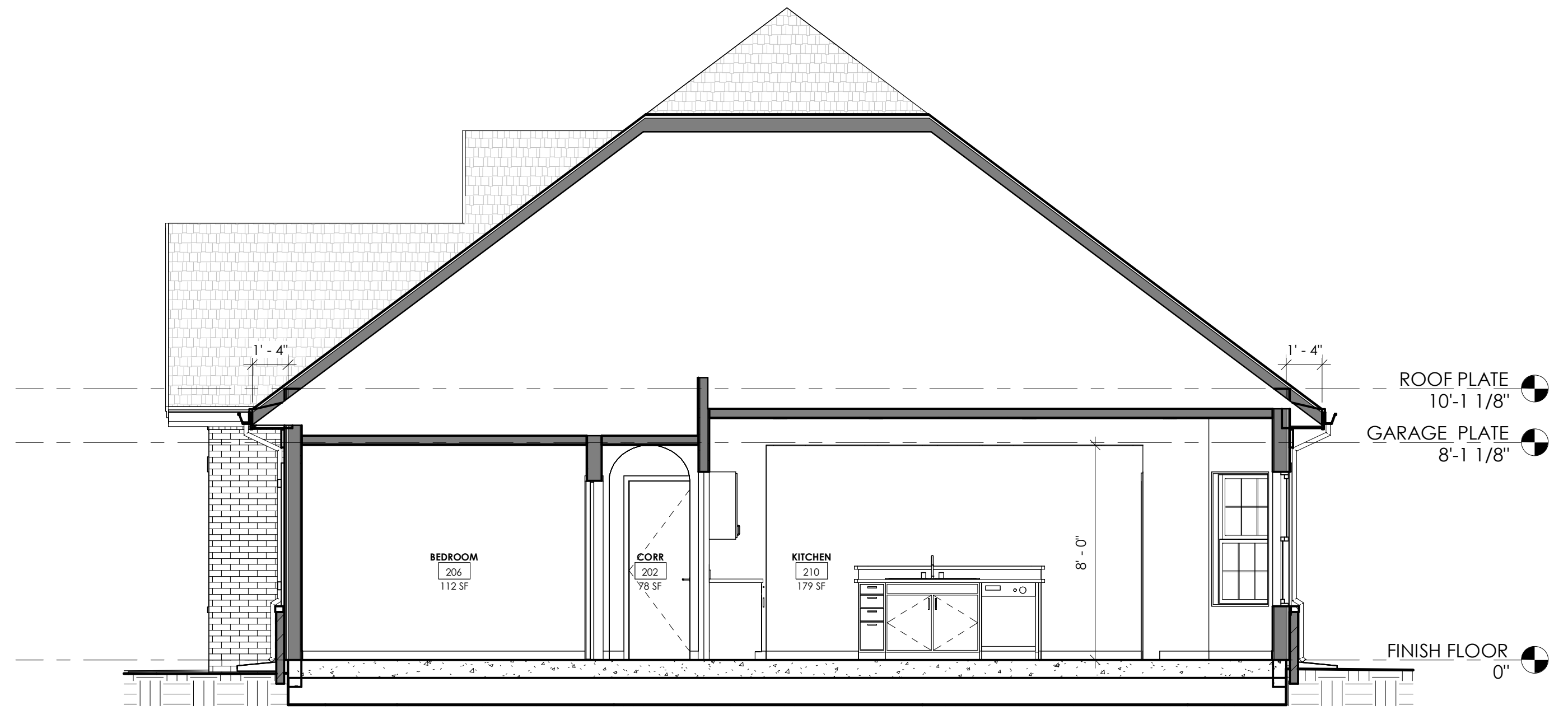
SHEET TITLE: **BUILDING SECTIONS**

DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2-14-2022

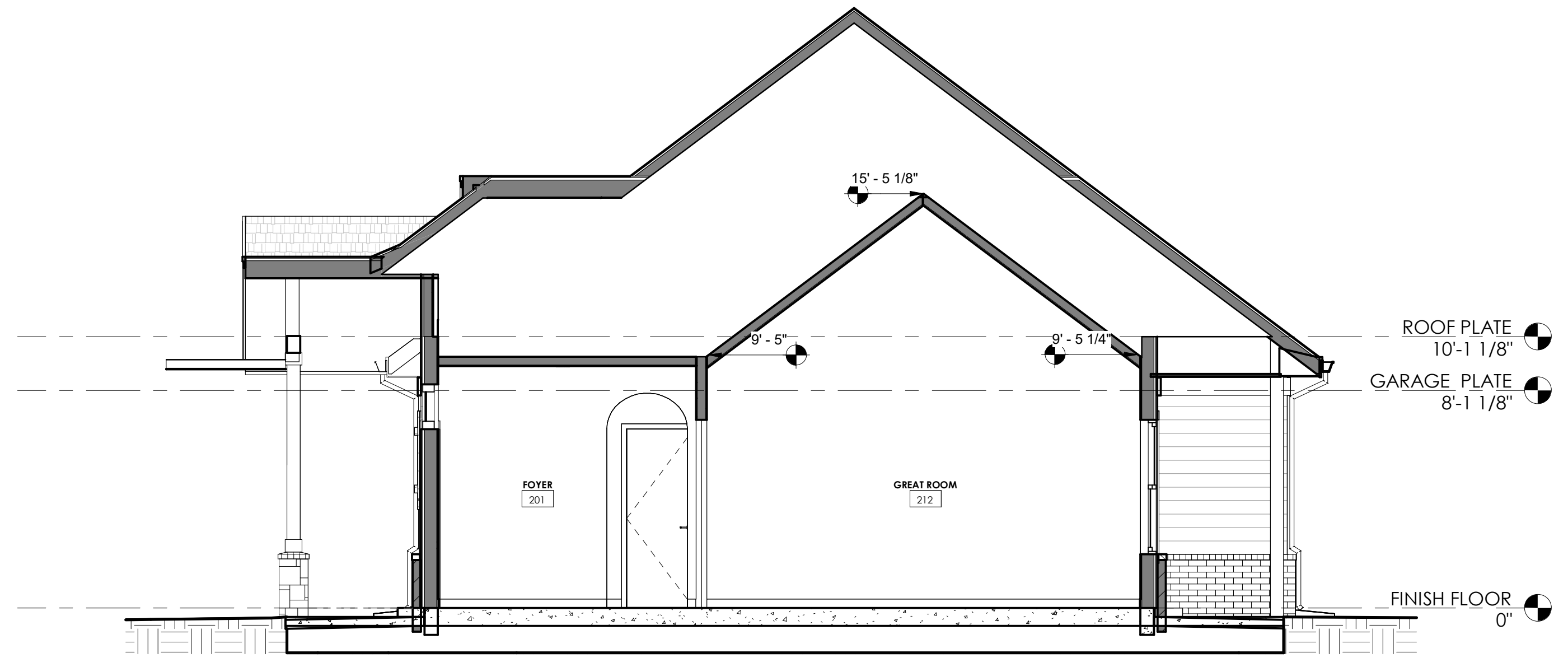
**A-302**



**1 LONG BUILDING SECTION B**  
1/4" = 1'-0"



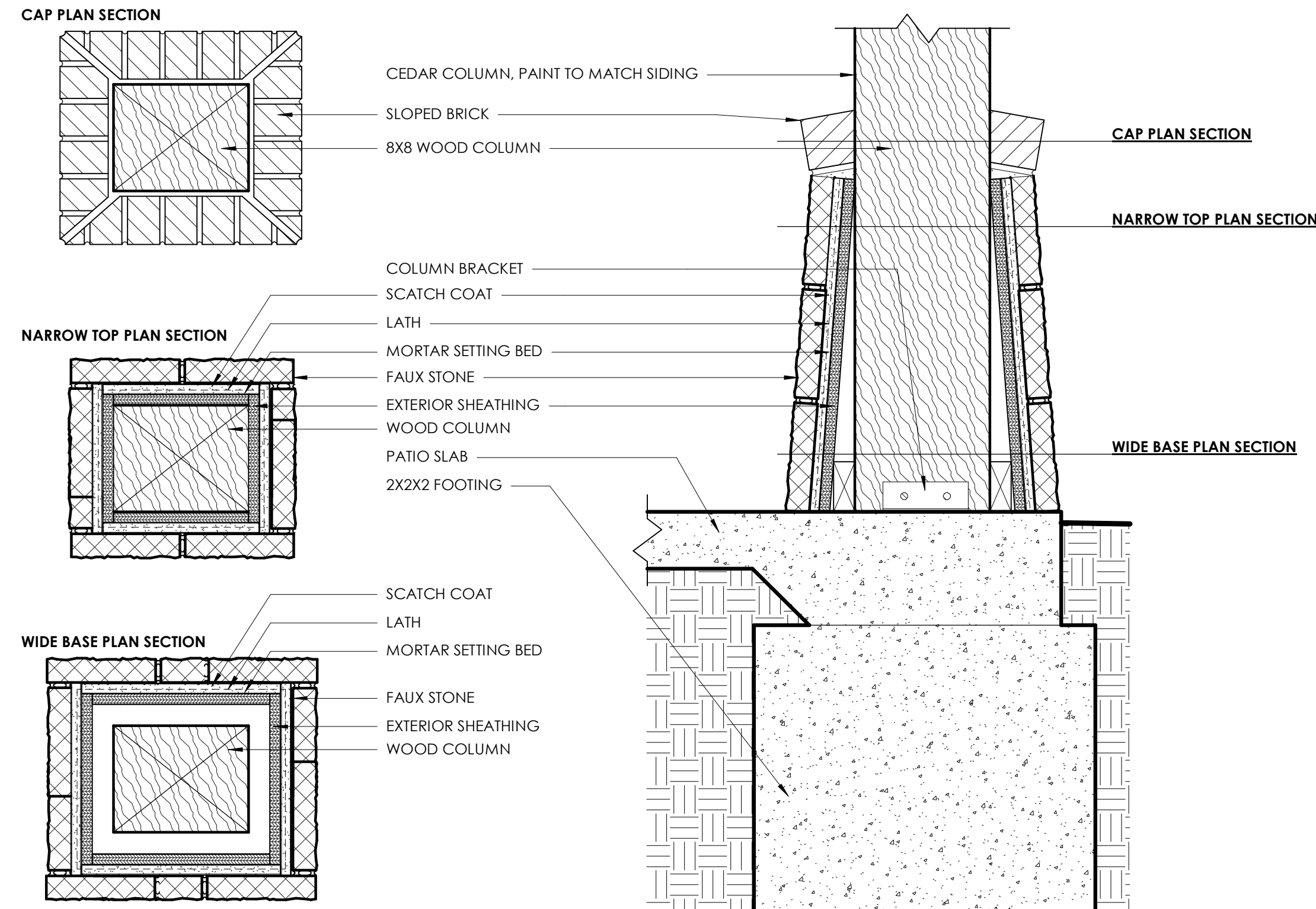
**3 SHORT BUILDING SECTION B2**  
1/4" = 1'-0"



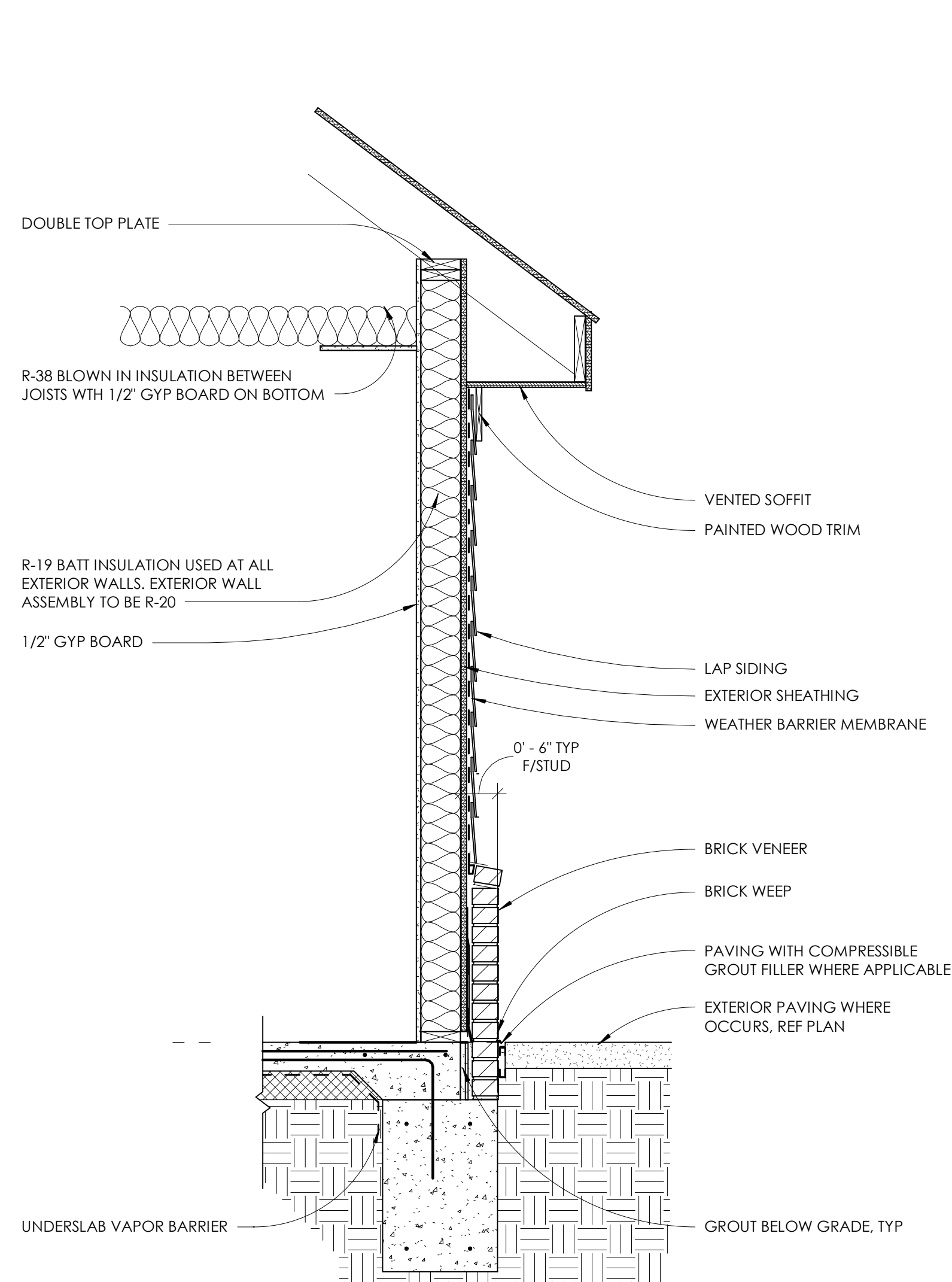
**2 SHORT BUILDING SECTION B1**  
1/4" = 1'-0"

O | N | M | L | K | J | I | H | G | F | E | D | C | B | A

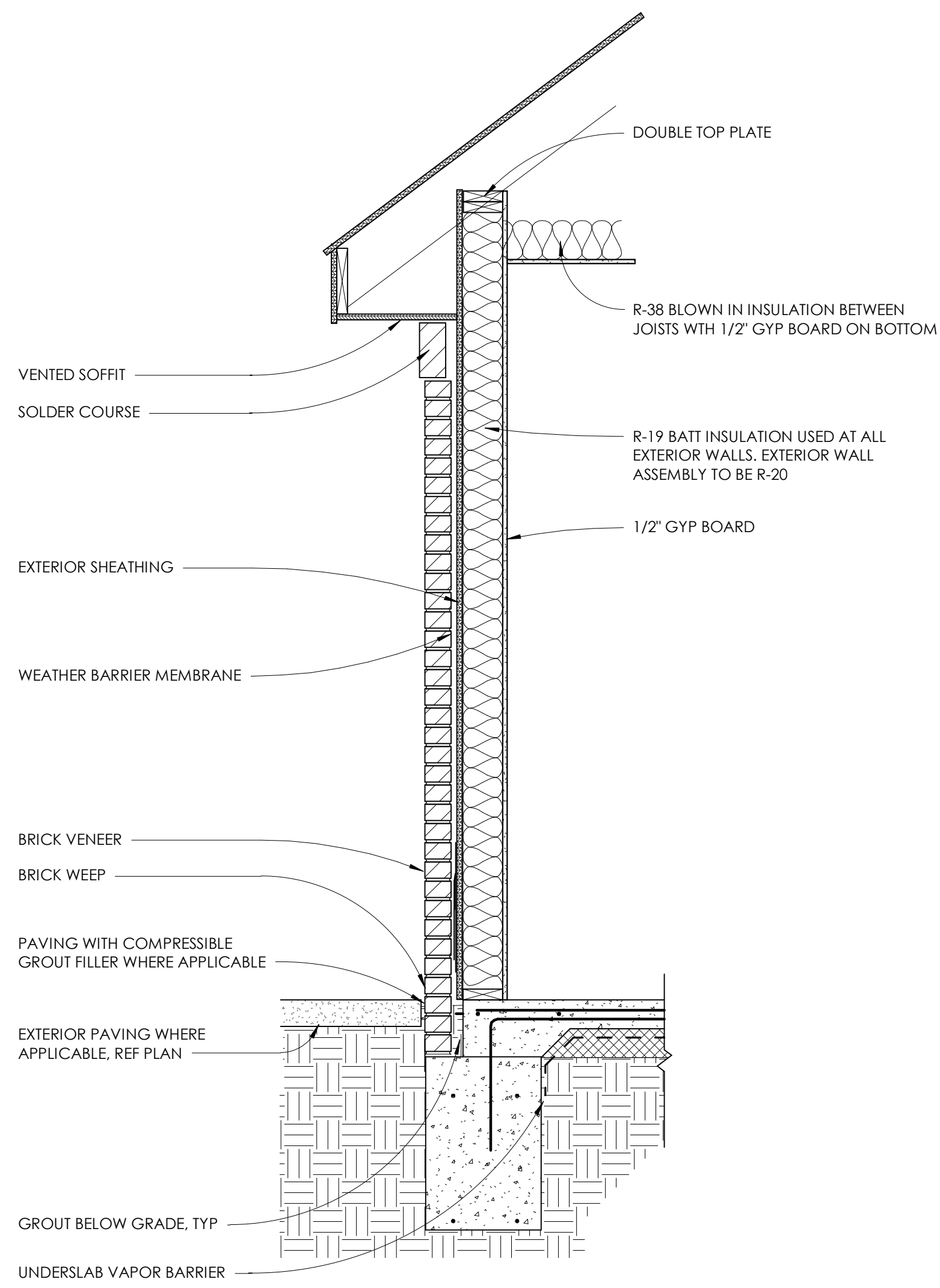
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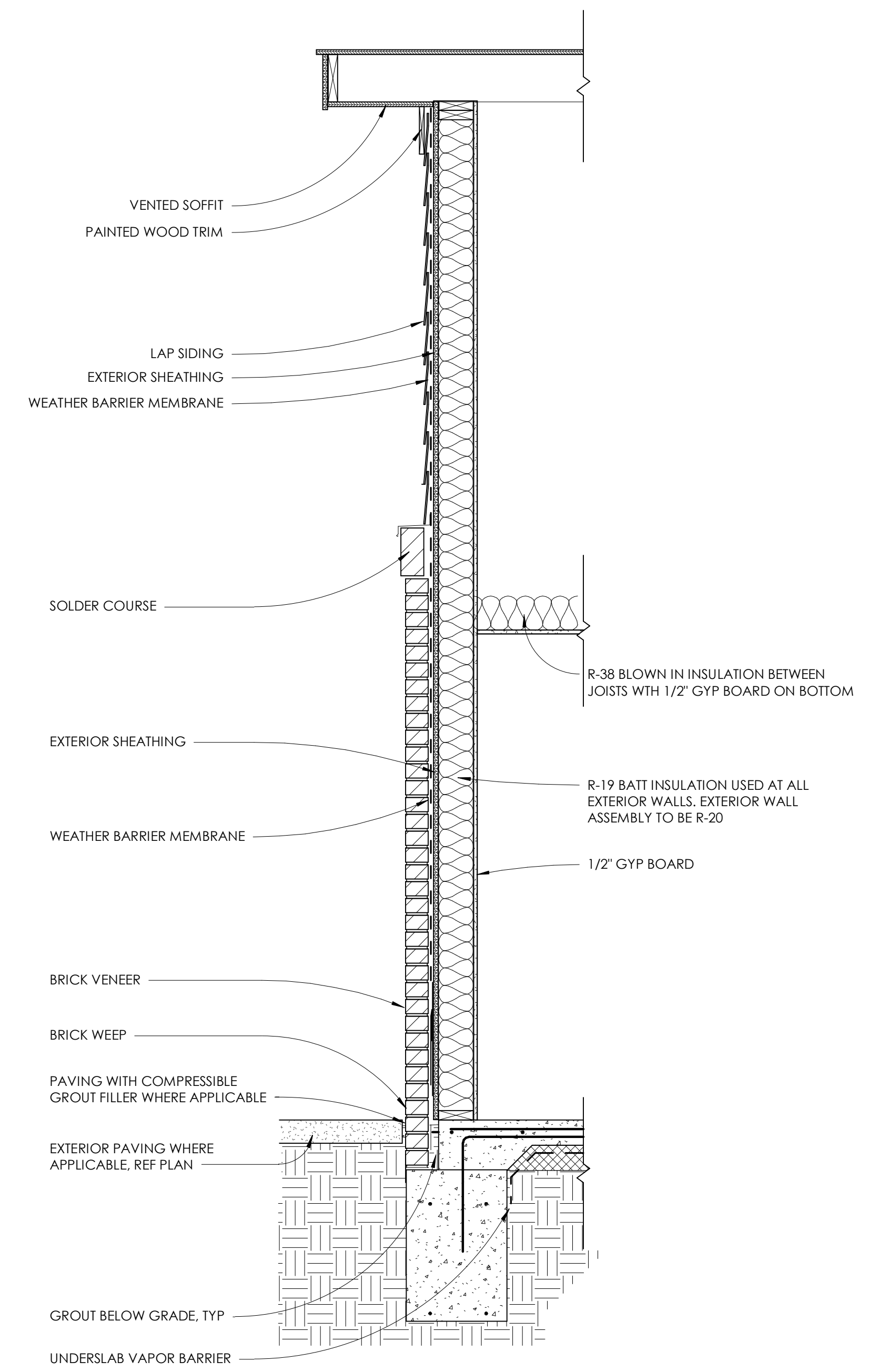
4 !! DTL CLM - Faux stone wrapped wood column Details Copy 1  
1 1/2" = 1'-0"



3 !! Residential - Brick Wainscot below Horizontal Siding Copy 1  
3/4" = 1'-0"



2 !! Residential - Full Brick Clad Wall Copy 1  
3/4" = 1'-0"



1 !! Residential - Full Brick Clad Wall with Siding Above Copy 1  
3/4" = 1'-0"

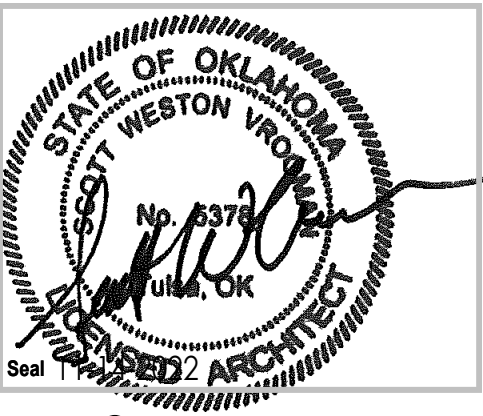
No.	Description	Date

REVISIONS

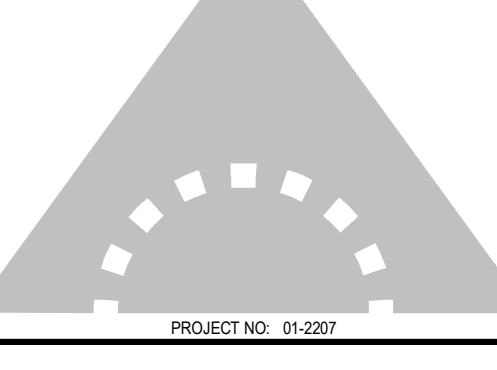
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**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
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COLLINSVILLE, OK



CONSTRUCTION  
DOCUMENTS



PROJECT NO: 01-2207

SHEET TITLE: **WALL SECTIONS**  
DRAWN BY: Author  
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ISSUE DATE: 2-14-2022

**A-310**

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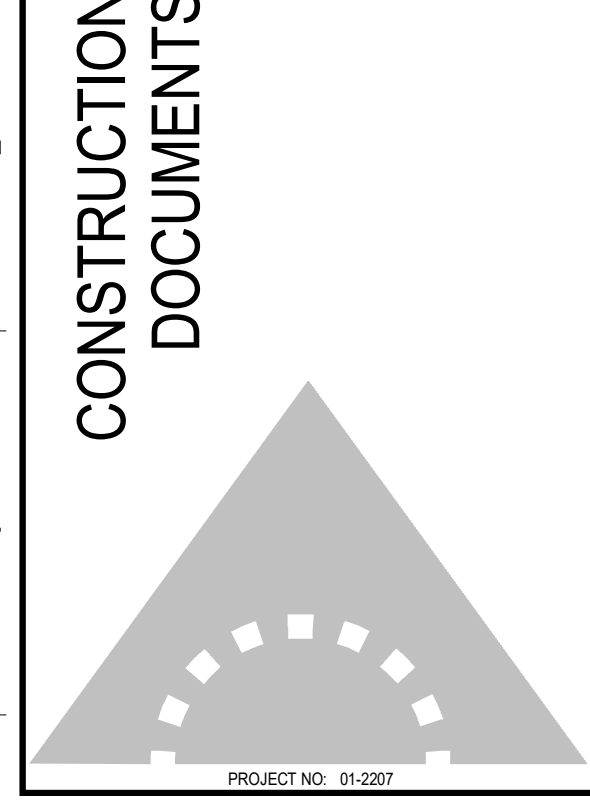
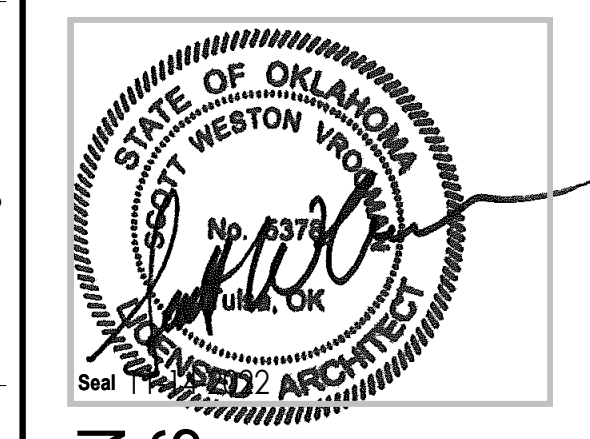
No.	Description	Date

REVISIONS

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# SINGLE FAMILY HOME 3 BEDROOM B

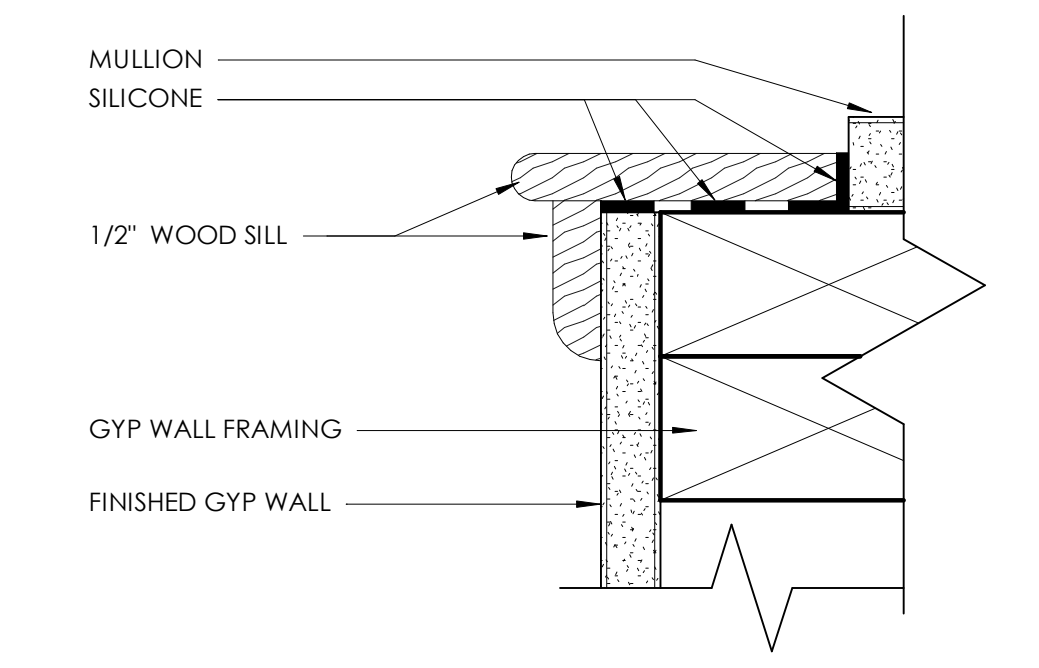
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SHEET TITLE: **SPECIALTIES, DOORS & WINDOWS**

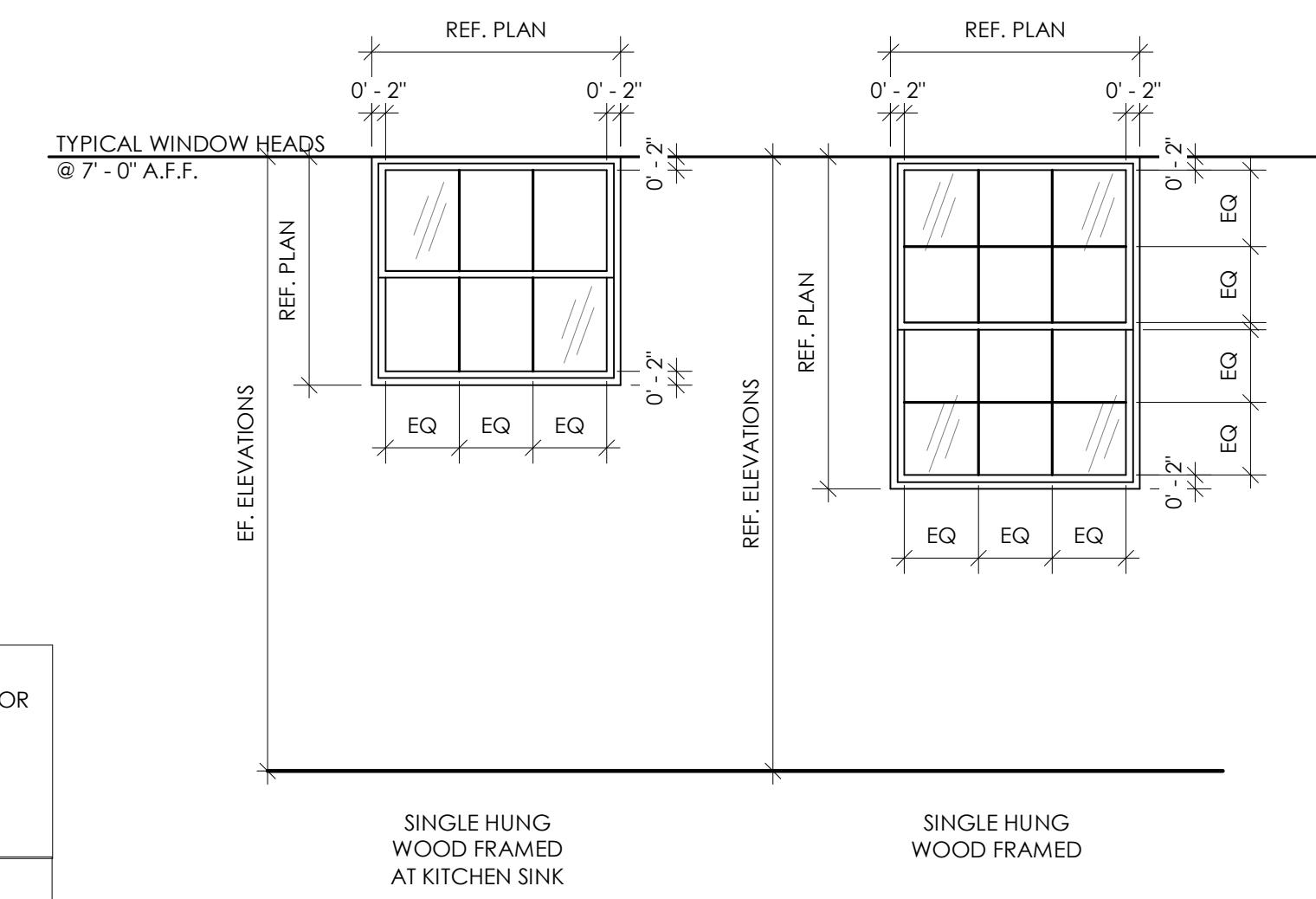
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## A-500



**D** TYPICAL WINDOW SILL  
6" = 1'-0"

- WINDOW SCHEDULE NOTES**
- REFER ELEVATIONS AND SPECIFICATIONS FOR GLAZING TYPES
  - INSTALL TREATMENT FOR ALL TO REDUCE GLARE AND HEAT GAIN. REFERENCE SPECIALTIES SCHEDULE
  - ALL FRAMES AND SILLS TO BE PAINTED **P2**
- GLAZING TYPES**
- USE 1" INSULATED CLEAR TEMPERED LOW EMISSIVITY GLAZING ON ALL EXTERIOR LITES, DOORS AND WINDOWS, UNLESS OTHERWISE NOTED



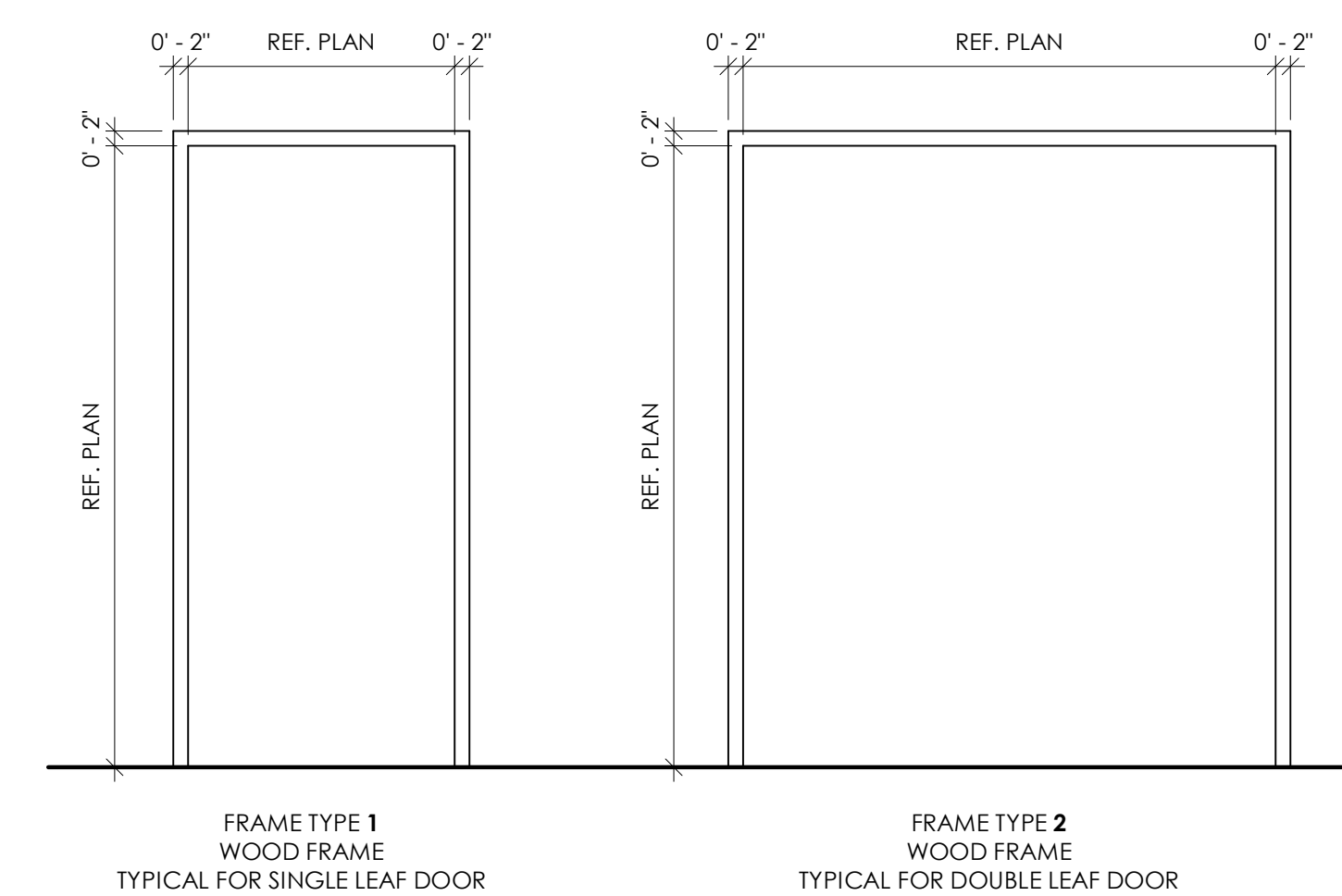
**C** WINDOW ELEVATIONS  
1/2" = 1'-0"

**SPECIALTIES SCHEDULE LEGEND**

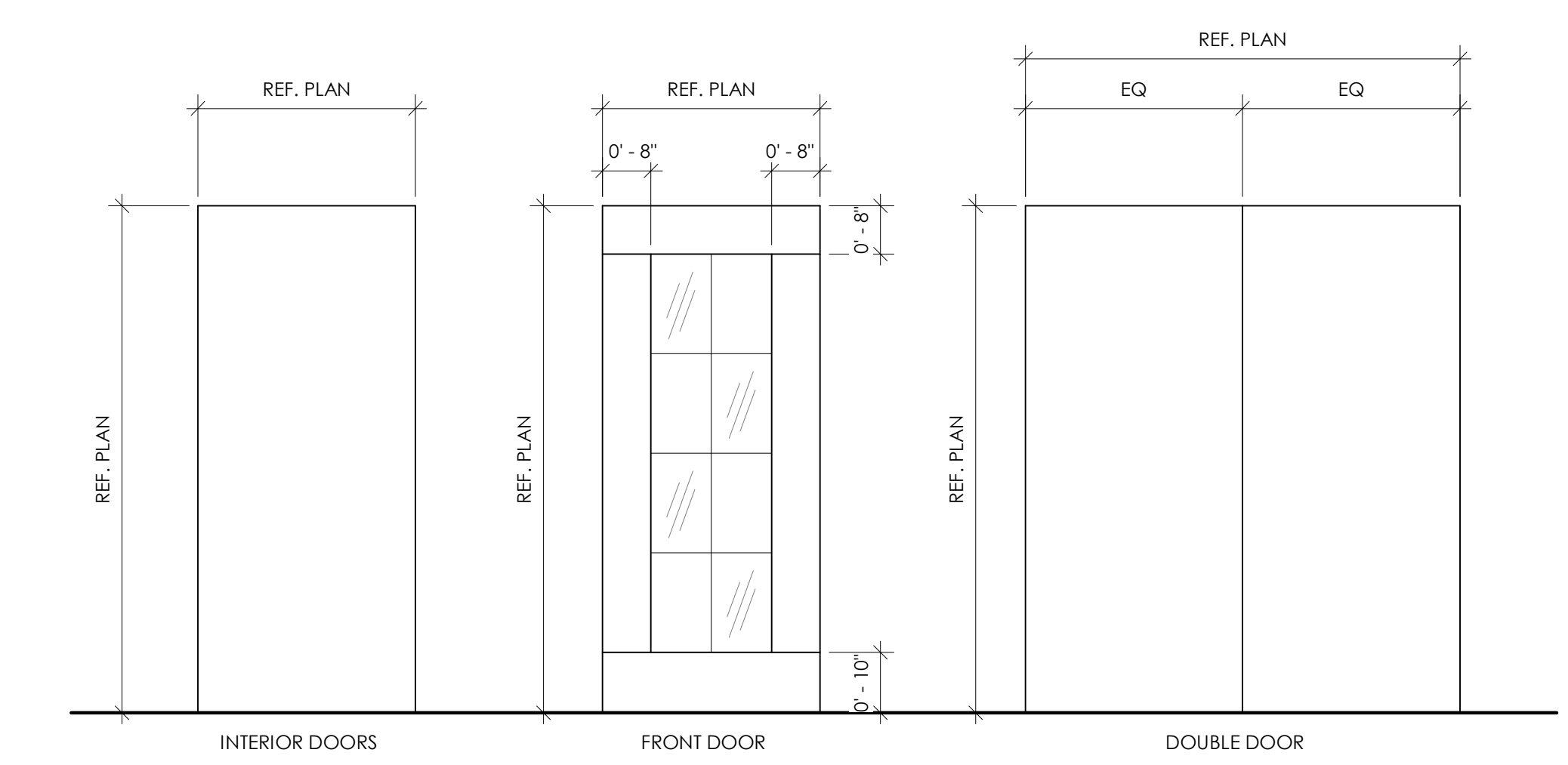
**CPCI:** CONTRACTOR PROVIDED, CONTRACTOR INSTALLED  
**CPOI:** CONTRACTOR PROVIDED, OWNER INSTALLED  
**OPOI:** OWNER PROVIDED, OWNER INSTALLED  
**OPCI:** OWNER PROVIDED, CONTRACTOR INSTALLED

MARK	DESCRIPTION	MFGR.	MFGR. #	DIMENSIONS	FINISH	RESPONSIBILITY	REMARKS
<b>DIVISION 6 - ARCHITECTURAL WOODWORK</b>							
BR1	METAL COUNTER SUPPORT BRACKET	TMI SYSTEMS	A7453	3"W X AS REQUIRED	MATCH ADJACENT WALL COLOR	CPCI	PROVIDE BLOCKING AS REQUIRED
<b>DIVISION 10 - APPLIANCES</b>							
DRY	DRYER	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	OPOI	PROVIDE POWER AND EXHAUST
DW	DISHWASHER	BY CONTRACTOR	BY CONTRACTOR	BY CONTRACTOR	BY CONTRACTOR	CPCI	PROVIDE NECESSARY PLUMBING
GD1	GARBAGE DISPOSAL	BY CONTRACTOR	BY CONTRACTOR	BY CONTRACTOR	BY CONTRACTOR	CPCI	
REF	REFRIGERATOR	AMANA	ART308FFOW	30"W X 29"D X 66"H	STAINLESS STEEL	CPCI	PROVIDE NECESSARY PLUMBING AND POWER
RG	RANGE & OVEN	AMANA	AER6603SHS	30"W X 28"D X 47"H	STAINLESS STEEL	CPCI	PROVIDE NECESSARY PLUMBING AND POWER
WASH	WASHER	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	OPOI	PROVIDE NECESSARY PLUMBING
<b>DIVISION 10 - FIRE PROTECTION SPECIALTIES</b>							
FE	FIRE EXTINGUISHER	LARSEN'S	RE: SPECS	RE: SPECS	-	CPCI	LOCATE UNDER KITCHEN SINK
<b>DIVISION 10 - TOILET AND BATH ACCESSORIES</b>							
GB	SHOWER GRAB BAR	ASI	3550	1 1/2" dia	STAINLESS STEEL	CPCI	PROVIDE BLOCKING AS REQUIRED
M1	MIRROR	BY CONTRACTOR	BY CONTRACTOR	48"W X 30"H	GLASS	CPCI	PROVIDE BLOCKING AS REQUIRED
M2	MIRROR	BY CONTRACTOR	BY CONTRACTOR	60" W X 30" H	GLASS	CPCI	PROVIDE BLOCKING AS REQUIRED
M3	MIRROR	BY CONTRACTOR	BY CONTRACTOR	36" W X 30" H	GLASS	CPCI	PROVIDE BLOCKING AS REQUIRED
RD1	SHOWER CURTAIN ROD	ZENNA HOME	72F2ALBNL	ADJUSTABLE	SATIN STAINLESS STEEL	CPCI	PROVIDE BLOCKING AS REQUIRED
SS1	MOBILE SHOWER SEAT	BY CONTRACTOR	BY CONTRACTOR	-	WHITE	CPCI	
TTD1	TOILET TISSUE DISPENSER	FRANKLIN BRASS	MAX51-SN	7"L	STAINLESS STEEL	CPCI	PROVIDE BLOCKING AS REQUIRED
TWBR	TOWEL BAR	FRANKLIN BRASS	MAX18-SN	18"L	STAINLESS STEEL	CPCI	PROVIDE BLOCKING AS REQUIRED
TWRG	TOWEL RING	FRANKLIN BRASS	MAX46-SN	8"L	STAINLESS STEEL	CPCI	PROVIDE BLOCKING AS REQUIRED
<b>DIVISION 22 - PLUMBING FIXTURES</b>							
BS	BATHTUB SURROUND	STERLING	71374800-0	60"W X 30"D X 73"	WHITE	CPCI	PROVIDE BLOCKING AS REQUIRED
F1	KITCHEN FAUCET	MOEN	87233SR8	14.5"H	NICKEL	CPCI	PROVIDE NECESSARY PLUMBING
F3	BATHROOM FAUCET	MOEN	84603SRN	-	NICKEL	CPCI	PROVIDE NECESSARY PLUMBING
S1	KITCHEN SINK	ELKAY	LWD8332284N	33"W X 22"D S 8"H	STAINLESS STEEL	CPCI	PROVIDE NECESSARY PLUMBING
S2	KITCHEN SINK ADA	AMERICAN STANDARD	20DB.8332284S.075	33"W X 22"D S 8"H	STAINLESS STEEL	CPCI	PROVIDE NECESSARY PLUMBING
S3	BATHROOM SINK	AQUASOURCE	ML-20507-B	19"W X 19"D X 8.3"H	WHITE	CPCI	PROVIDE NECESSARY PLUMBING
SH0	BATHTUB	STERLING	71341810-0	60"W X 29"D X 17.25"H	WHITE	CPCI	PROVIDE NECESSARY PLUMBING
SHC	SHOWER CONTROLS, FAUCET, AND HEAD	DELTA	B113410-SS	-	STAINLESS STEEL	CPCI	PROVIDE NECESSARY PLUMBING
SHH	SHOWER HEAD ADA	DELTA	75490	-	STAINLESS STEEL	CPCI	PROVIDE NECESSARY PLUMBING
SW	SHOWER SURROUND	SWAN	S50489601.011	48"W X 96"H X .25"D	WHITE	CPCI	PROVIDE BLOCKING AS REQUIRED
T	TOILET	AMERICAN STANDARD	731AA0015.20	18"W X 31.25D X 31"H	WHITE	CPCI	PROVIDE NECESSARY PLUMBING
<b>DIVISION 26 - ELECTRICAL FIXTURES</b>							
HVL	HEAT VENT LIGHT	UTILITECH	7123-02-L	11"S X 15"D X 6"H	WHITE	CPCI	PROVIDE POWER AND EXHAUST
LC	CAN LIGHT	UTILITECH	MQTL1116-L10.SK9027	7.5"DIA X 3"H	WHITE	CPCI	PROVIDE POWER AS REQUIRED
LD	DOME LIGHT	DESIGNERS FOUNTAIN	1360M-BN	14"DIA X 5"H	NICKEL	CPCI	PROVIDE POWER AS REQUIRED
LF	FAN WITH LIGHT KIT	KICHLER	300044BSS	56"DIA X 16"H	STAINLESS STEEL	CPCI	PROVIDE POWER AS REQUIRED
LS	SECURITY LIGHT	LITHONIA	OFIH300FR120WHM12	5"W X 6"D X 5"H	WHITE	CPCI	PROVIDE POWER AS REQUIRED
LW	EXTERIOR WALL LIGHT	LUTEC	5510808001	5"W X 4"D X 6"H	STAINLESS STEEL	CPCI	PROVIDE POWER AS REQUIRED

- DOOR SCHEDULE NOTES**
- USE 1" INSULATED CLEAR TEMPERED LOW EMISSIVITY GLAZING ON ALL EXTERIOR LITES, UNLESS OTHERWISE NOTED
  - ALL DOORS AND FRAMES TO BE PAINTED **P2**
- DOOR HARDWARE NOTES**
- ALL DOORS TO RECEIVE HARDWARE ON BOTH SIDES
  - ALL EXTERIOR DOORS AND GARAGE DOOR TO RECEIVE LOCKABLE HARDWARE, KEYED DEADBOLT, LEVER HANDLE LATCH
  - BATH ROOM AND BEDROOM DOORS TO RECEIVE NON-KEYED "THUMB PRESS" ONE SIDED LOCK ON LEVER.



**B** FRAME ELEVATIONS  
1/2" = 1'-0"



**A** DOOR ELEVATIONS  
1/2" = 1'-0"

PRINT THIS SHEET FULL SIZE AT 24" X 36"



No.	Description	Date

REVISIONS

Consultants

# SINGLE FAMILY HOME 3 BEDROOM B

HOUSING AUTHORITY OF  
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COLLINSVILLE, OK

Key Plan



CONSTRUCTION DOCUMENTS

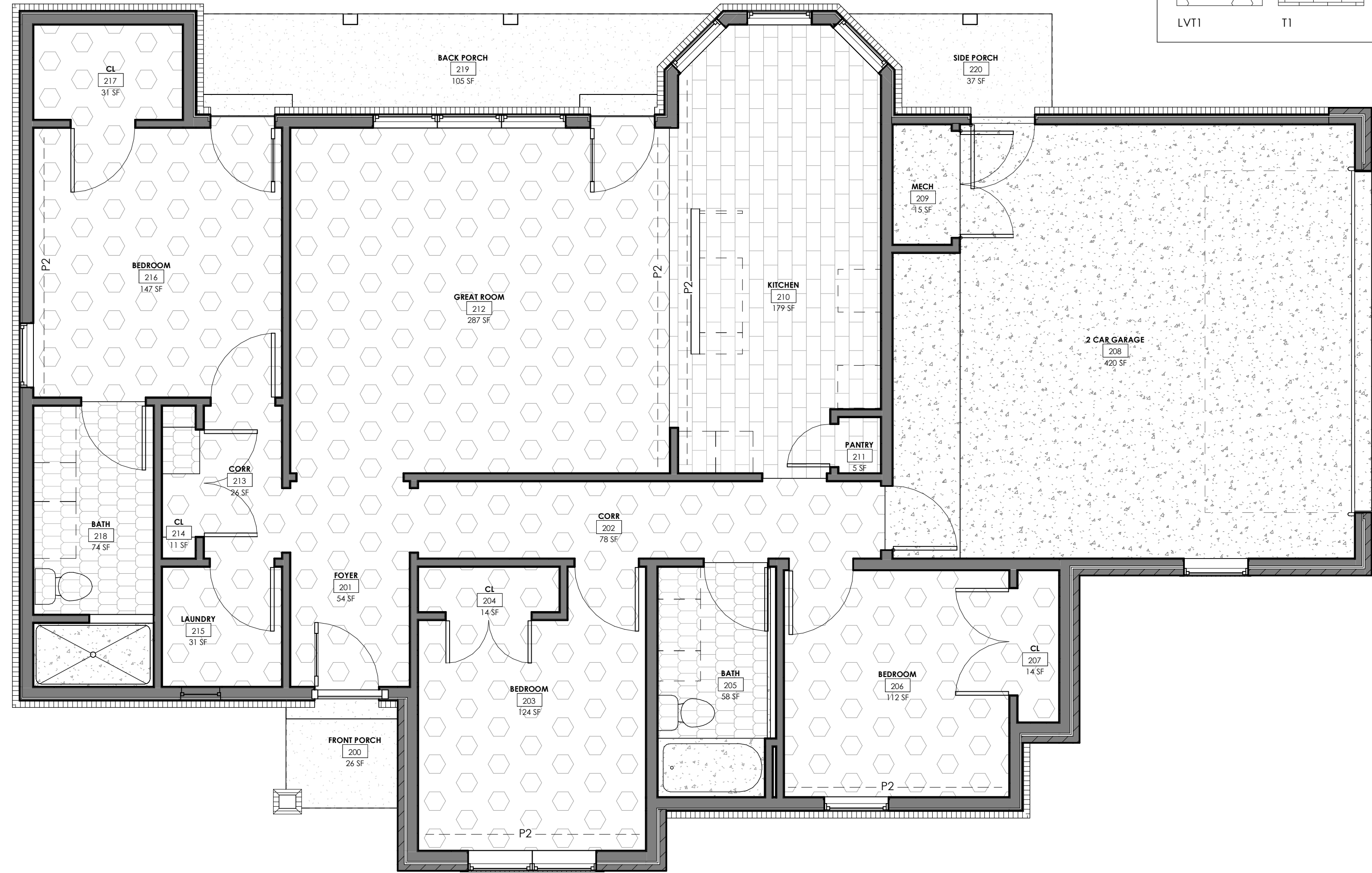
PROJECT NO: 01-2207

SHEET TITLE: FLOOR & WALL FINISH PLAN  
DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 2-14-2022

# A-600

**FLOORING LEGEND**

LVT1	T1	T2	SC



**1 FLOOR & WALL FINISHES PLAN B**  
1/4" = 1'-0"

B FINISH SCHEDULE					
ROOM #	Name	Area	Floor Finish	Wall Finish	Comments
200	FRONT PORCH	26 SF	SC	P1	
201	FOYER	54 SF	LVT1	P1	
202	CORR	78 SF	LVT1	P1	
203	BEDROOM	124 SF	LVT1	REF. FINISH PLAN	
204	CL	14 SF	LVT1	P1	
205	BATH	58 SF	T2	REF. ELEVATIONS	1; 2; 3; 6; 9
206	BEDROOM	112 SF	LVT1	REF. FINISH PLAN	
207	CL	14 SF	LVT1	P1	
208	2 CAR GARAGE	420 SF	SC	P1	
209	MECH	15 SF	SC	P1	
210	KITCHEN	179 SF	T1	REF. ELEVATIONS	1; 3; 6; 9
211	PANTRY	5 SF	LVT1	P1	
212	GREAT ROOM	287 SF	LVT1	P1	
213	CORR	26 SF	LVT1	P1	
214	CL	11 SF	LVT1	P1	
215	LAUNDRY	31 SF	LVT1	P1	
216	BEDROOM	147 SF	LVT1	REF. FINISH PLAN	
217	CL	31 SF	LVT1	P1	
218	BATH	74 SF	T2	REF. ELEVATIONS	1; 2; 3; 6; 9
219	BACK PORCH	105 SF	SC	P1	
220	SIDE PORCH	37 SF	SC	P1	
Grand total: 21		1,847 SF			

**ROOM FINISH LEGEND**

<b>FLOORING</b>	<b>ALL INTERIOR PAINT COLORS TO BE REVIEWED AND VERIFIED BY OWNER, IN WRITING, WITH PHYSICAL SAMPLE MOCK UPS AT LEAST 3' - 0" X 3' - 0" IN SIZE EVALUATED IN AN INTERIOR SPACE UNDER LIGHTING CONDITIONS SIMILAR TO THE FINISHED PROJECT. OWNER'S WRITTEN ACCEPTANCE OF SAMPLE IS REQUIRED PRIOR TO ORDERING INTERIOR PAINT.</b>	<b>BASE</b>
LVT1 MANUFACTURER: PATCRAFT STYLE: HOMERAIN COLOR: VERANDA 00110 SIZE: 6" X 48"		WB1 STYLE: 1x4" WOOD BASE BOARD COLOR: <b>P2</b>
SC SEALED CONCRETE		TB1 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: HARVEST TAWNY SIZE: 6" X 24"
T1 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: HARVEST TAWNY SIZE: 12" X 24"		TB2 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: VEHNO VERDE SIZE: 4" X 24"
T2 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: VEHNO VERDE SIZE: 12" X 24"	<b>PAINT</b>	<b>CEILINGS</b>
T3 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: VEHNO VERDE SIZE: 2" X 2"	P1 MANUFACTURER: SHERWIN WILLIAMS COLOR: ICE CUBE SW6252 FINISH: EGGSHELL FOR WALLS; EPOXY FOR BATHROOM CEILINGS; FLAT FOR ALL OTHER CEILINGS	GYP. GYPSUM WALL BOARD FINISH: PAINT <b>P1</b>
	P2 MANUFACTURER: SHERWIN WILLIAMS COLOR: ATTITUDE GRAY SW7060 FINISH: EGGSHELL FOR WALLS; EPOXY FOR BATHROOM WALLS; SEMI-GLOSS FOR DOORS AND TRIM	<b>MISCELLANEOUS</b>
<b>WALL TILE</b>	<b>MILLWORK</b>	BO BY OTHERS FRP1 BATHTUB AND SHOWER SURROUND, REF SPECIALTIES SCHEDULE
WT1 MANUFACTURER: MOSA STYLE: COLORS COLOR: LIGHT GREY 6400 SIZE: 10CM X 30CM	PL1 MANUFACTURER: FORMICA COLOR: NEOCLOUD FINISH: INFINITI	<b>KEYED FINISH REMARKS:</b>
	ST1 MANUFACTURER: MIXWAX COLOR: ALLUVIUM MW417	1. PROVIDE APPROPRIATE SCHLUTER TRANSITION STRIPS AT ALL FLOORING CHANGES. 2. <b>FRP1</b> TO BE USED ON WALLS IN SHOWER/TUB AREAS. 3. ALL WALLS TO BE PAINTED <b>P1</b> UNLESS NOTED OTHERWISE. REFER TO ELEVATIONS AND FLOOR FINISH PLANS. 4. ALL INTERIOR GYP WALLS TO BE <b>ORANGE PEEL</b> (LEVEL 3) FINISH 5. ALL WALLS TO HAVE WOOD BASE <b>WB1</b> UNLESS NOTED OTHERWISE. 6. KITCHEN WALL BASE TO BE <b>TB1</b> ; BATHROOM WALL BASE TO BE <b>TB2</b> 7. ALL ELECTRICAL SWITCH, POWER, ETC. COVER PLATES TO BE WHITE 8. ALL MILLWORK HARDWARE TO BE STAINLESS STEEL 9. ALL MILLWORK BASE TO BE <b>ST1</b> UNLESS NOTED OTHERWISE

No.	Description	Date

REVISIONS

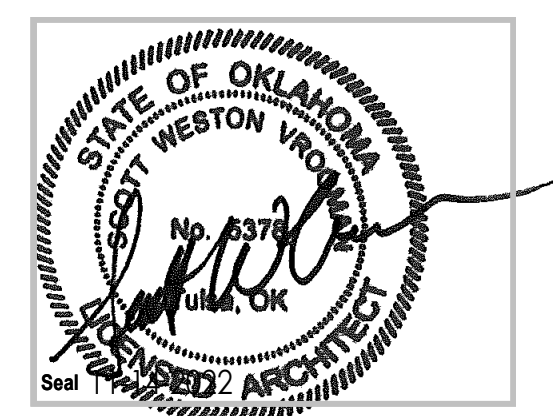
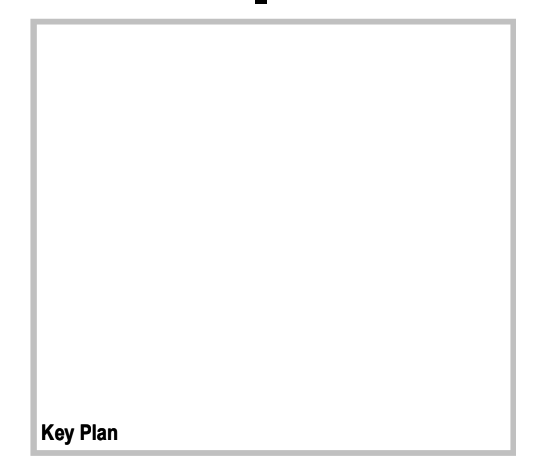
No.	Description	Date

Consultants

**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
THE CHEROKEE NATION

N. SHERIDAN RD. & E. 136TH ST. N.  
COLLINSVILLE, OK



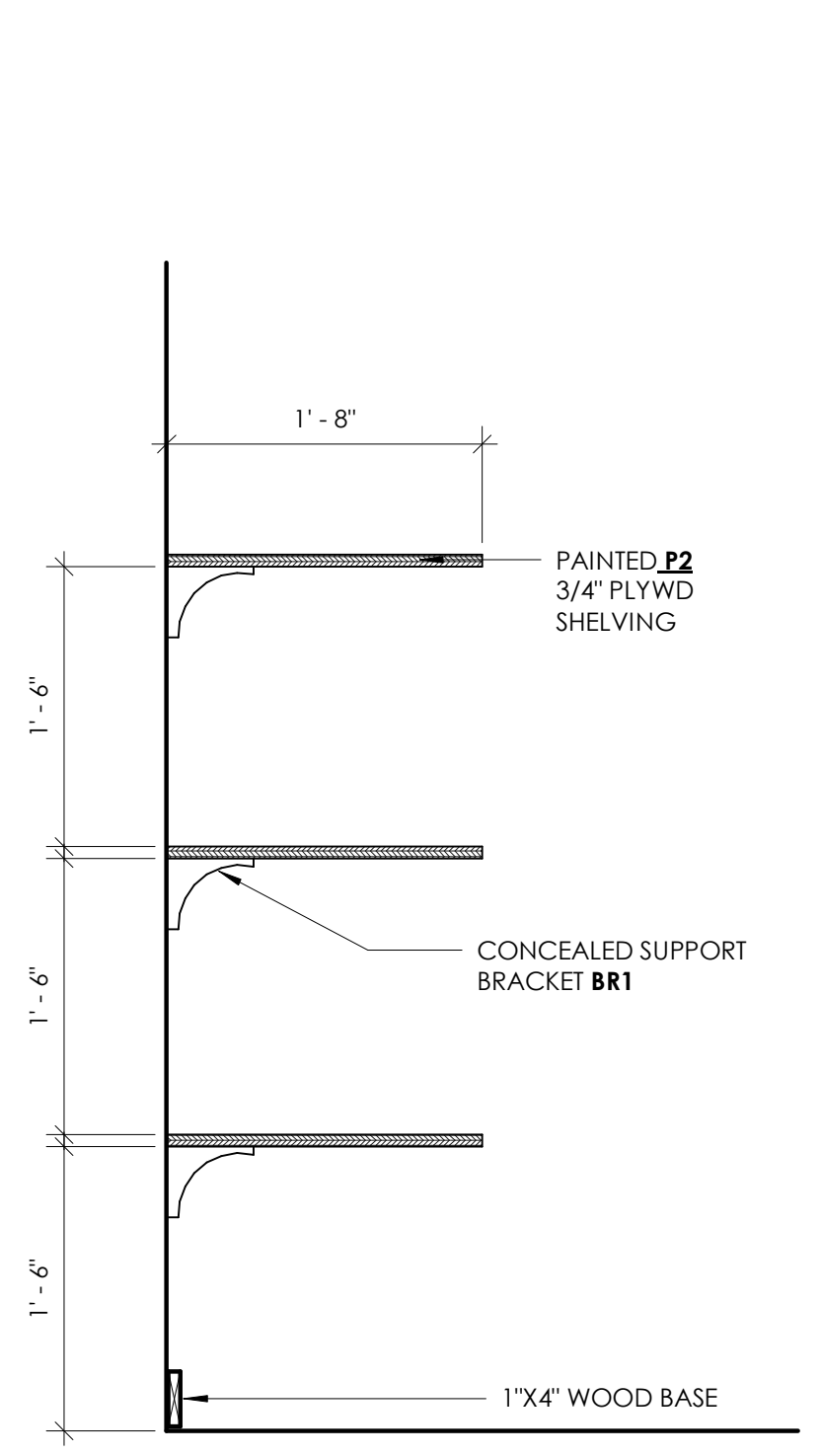
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PROJECT NO. 01-2207

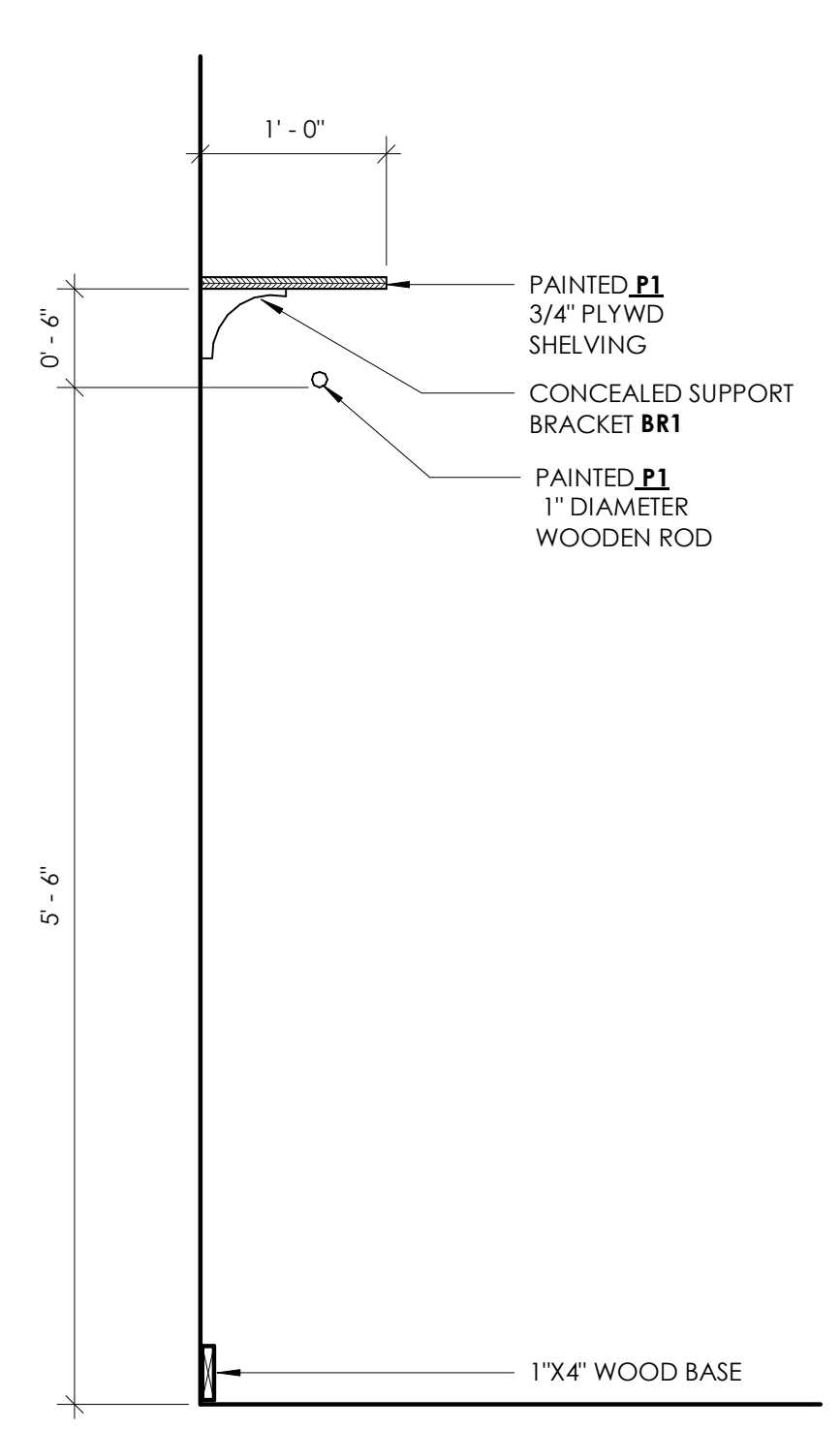
SHEET TITLE: **INTERIOR ELEVATIONS**

DRAWN BY: Author  
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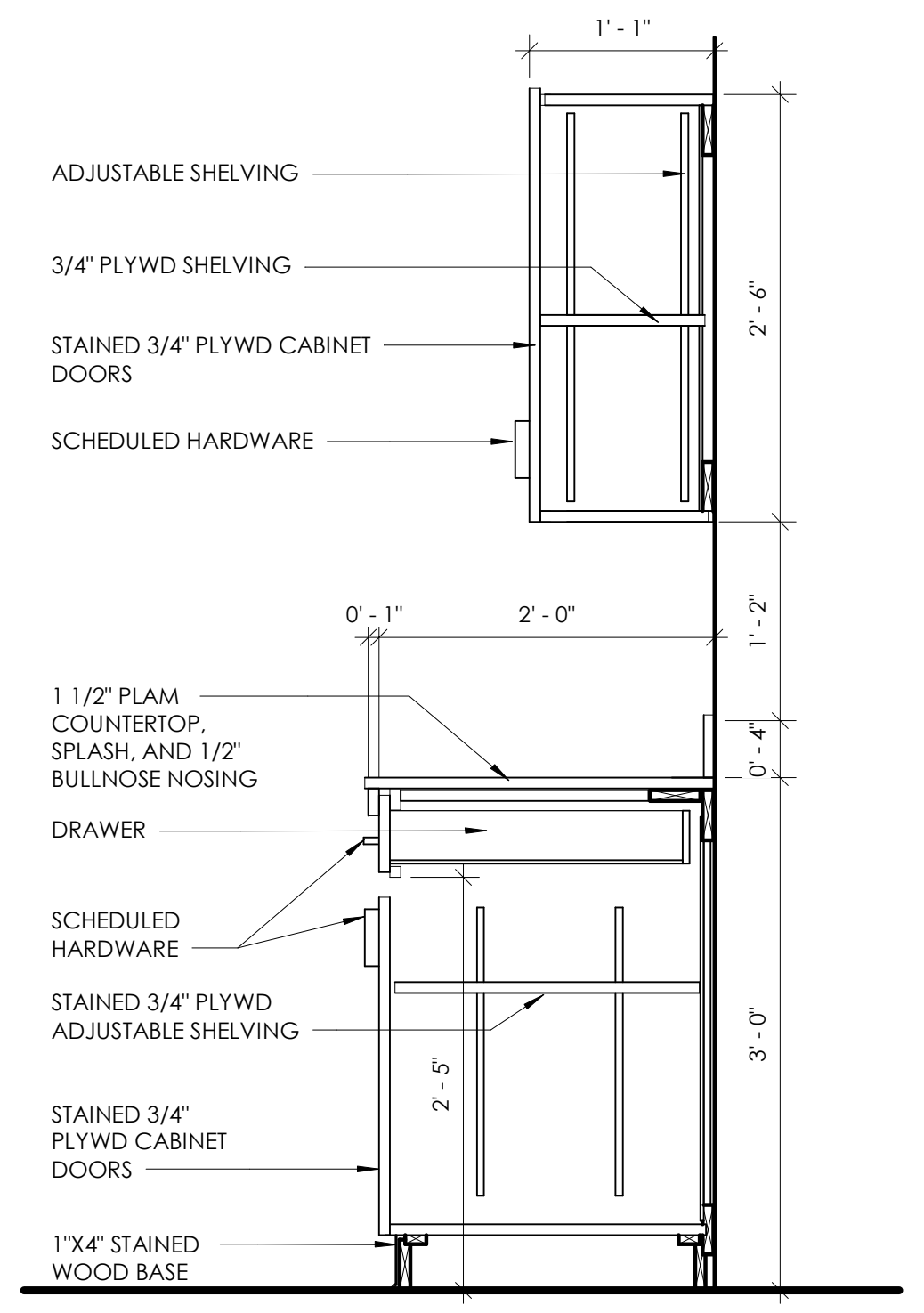
**A-610**



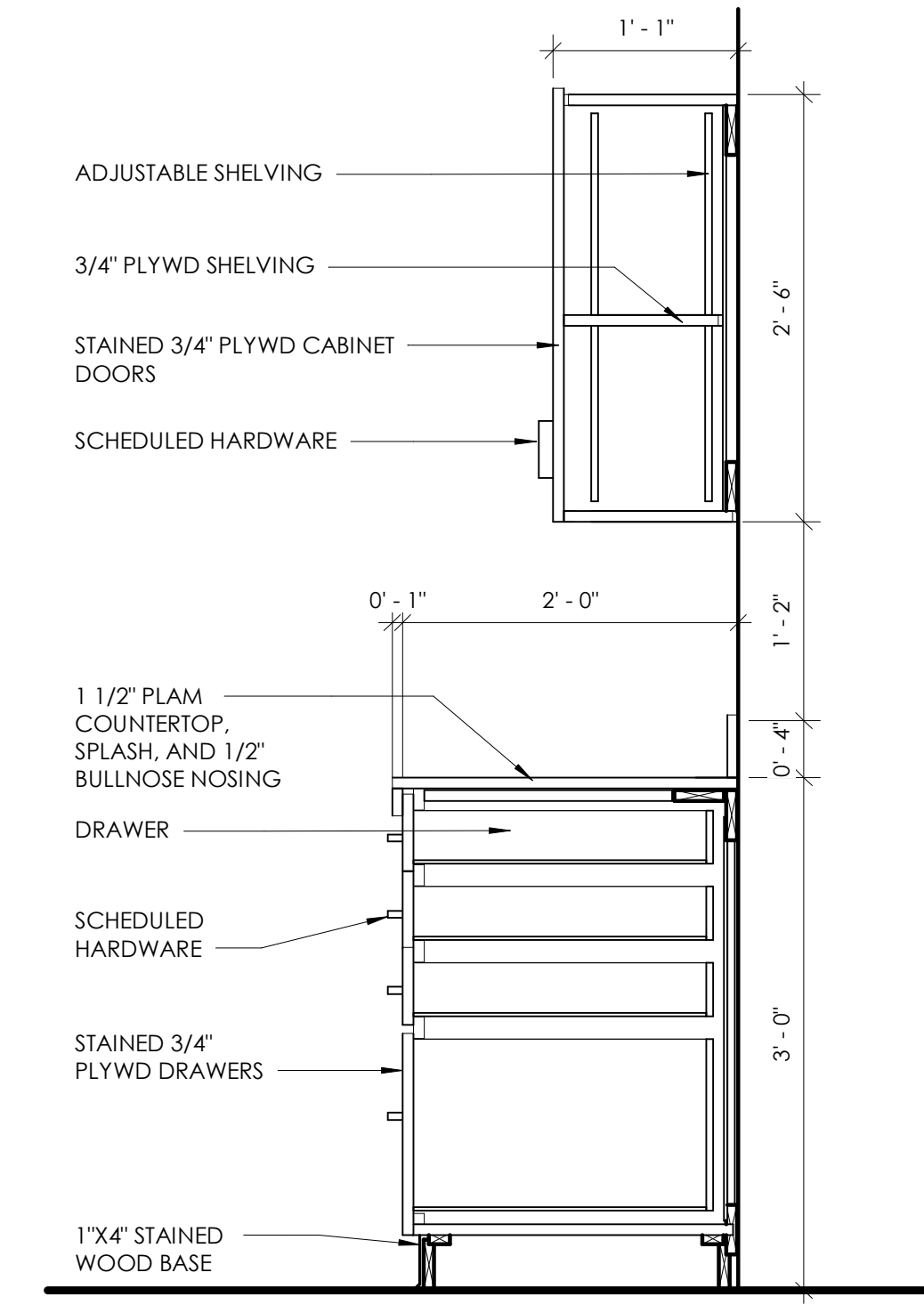
**19 TYP BATH SHELVING**  
1" = 1'-0"



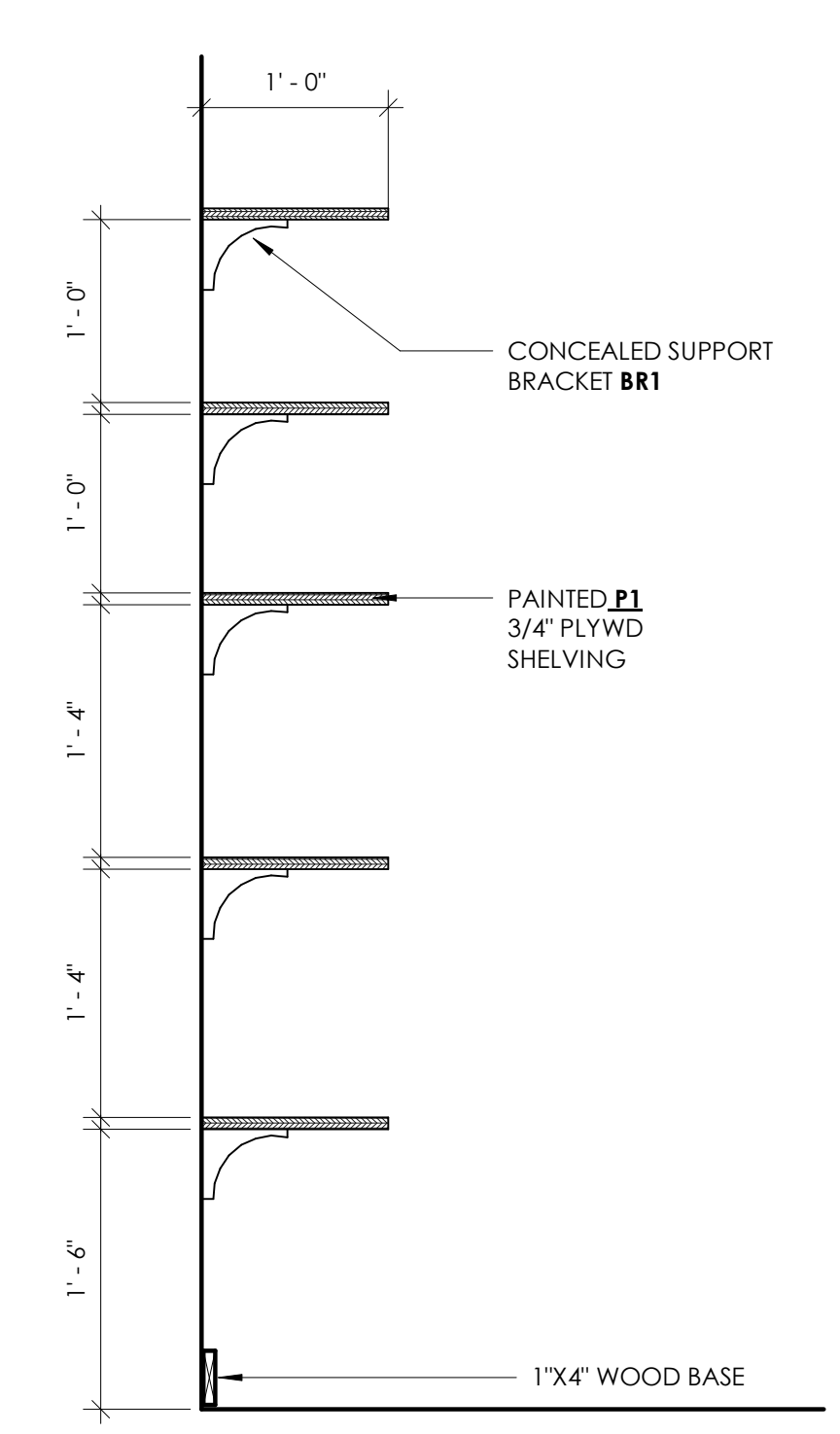
**18 TYPICAL CLOSET ROD & SHELF**  
1" = 1'-0"



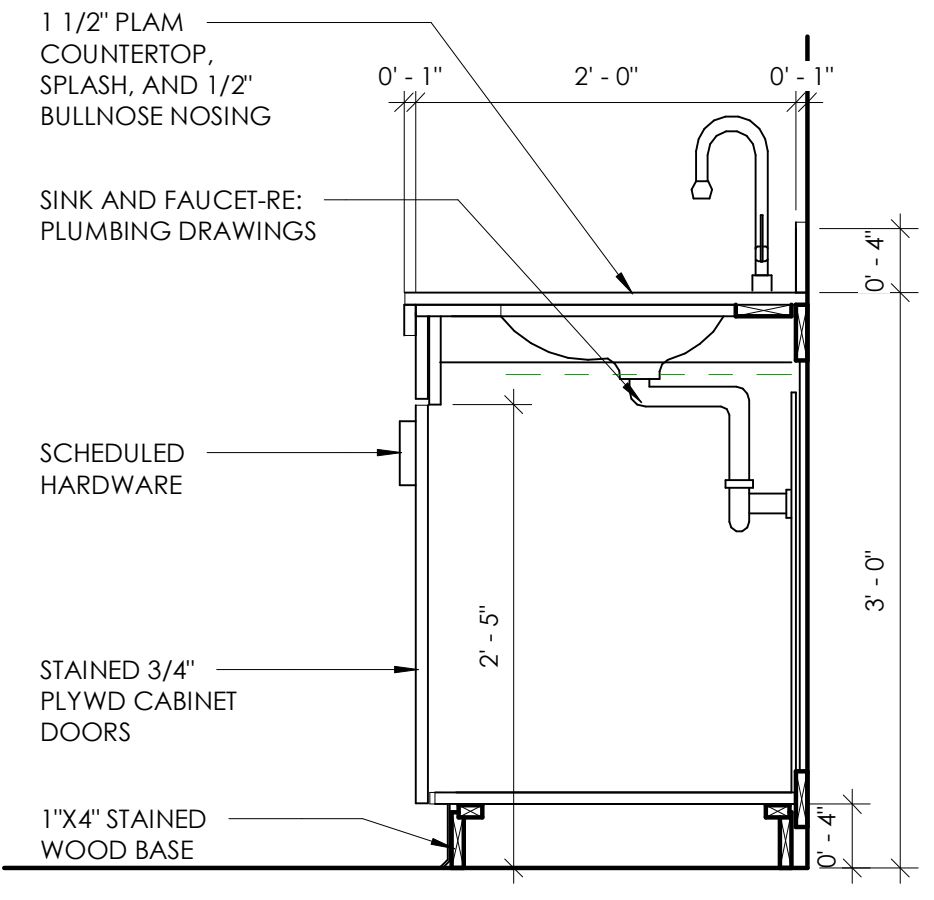
**17 TYPICAL UPPER AND LOWER CABINET**  
1" = 1'-0"



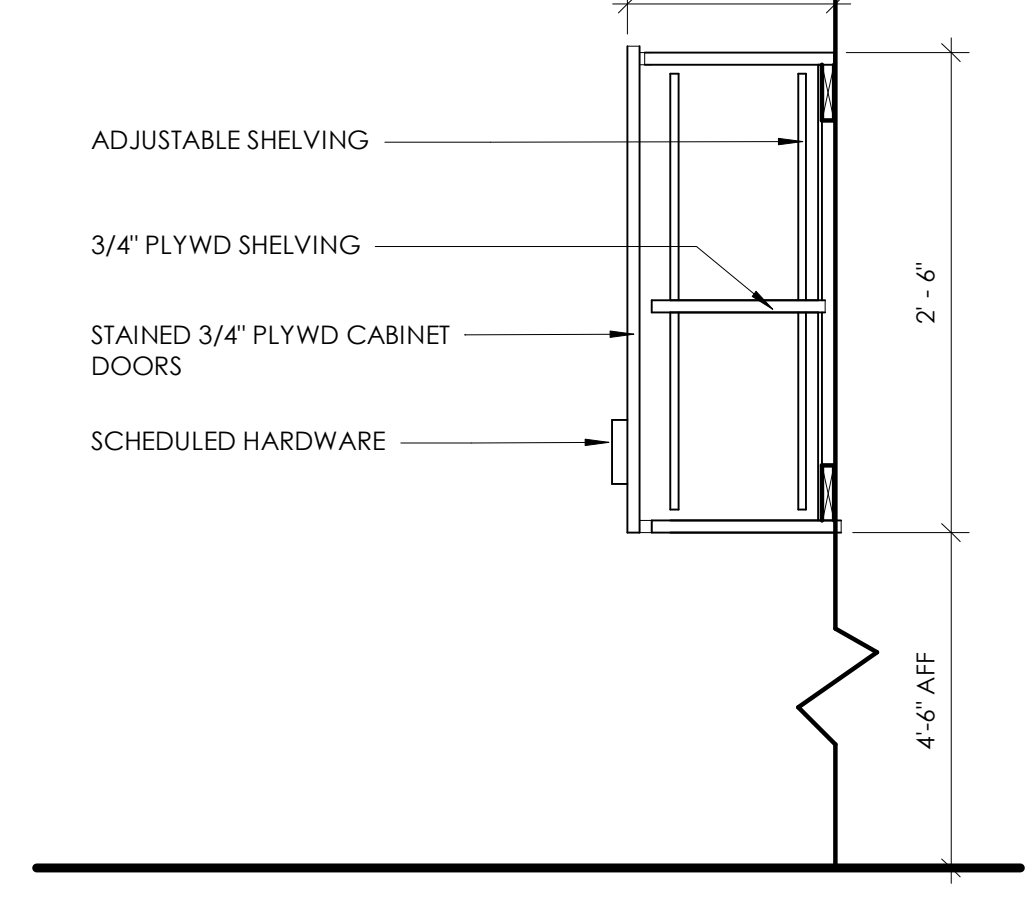
**16 TYPICAL UPPER AND LOWER DRAWERS**  
1" = 1'-0"



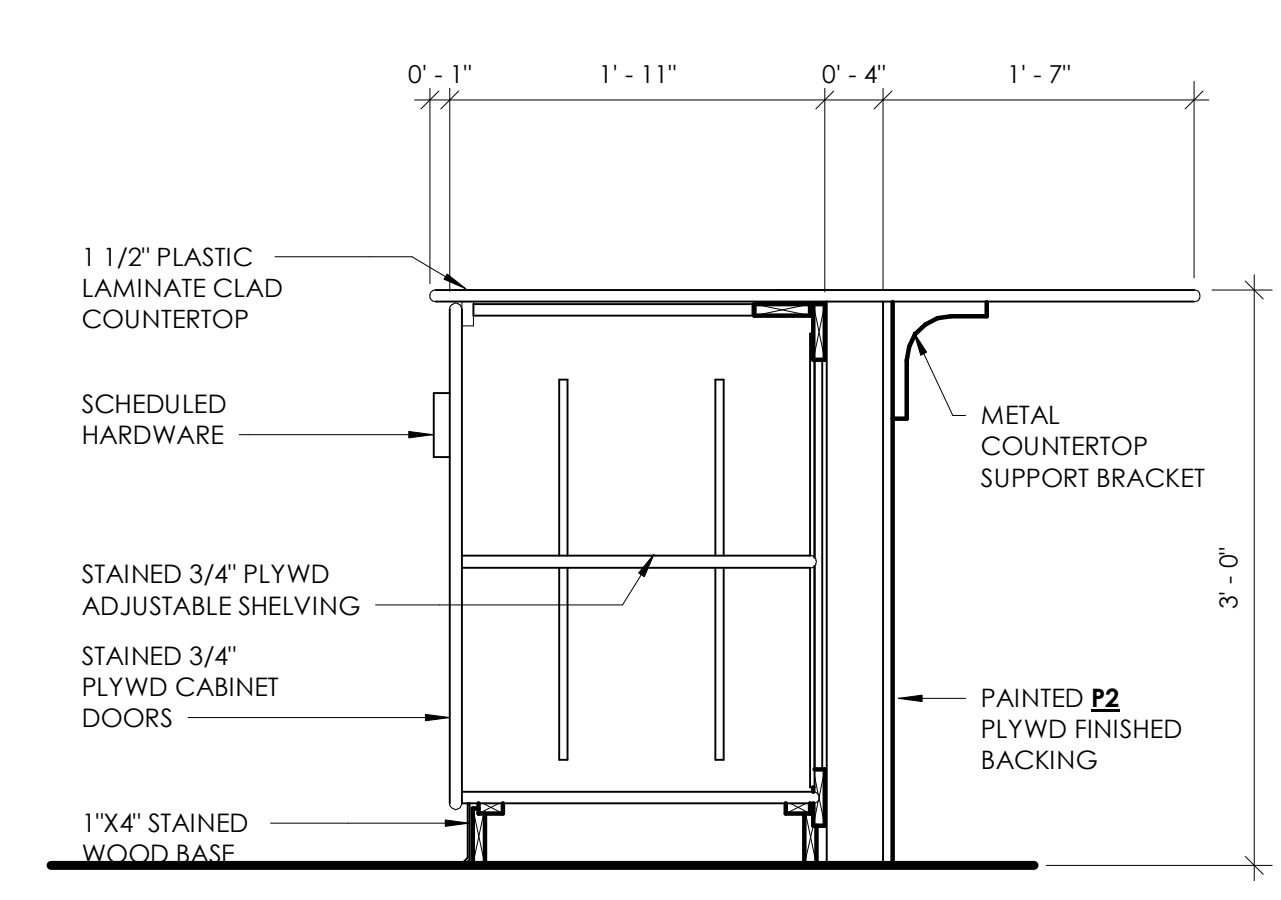
**15 TYP PANTRY SHELVING**  
1" = 1'-0"



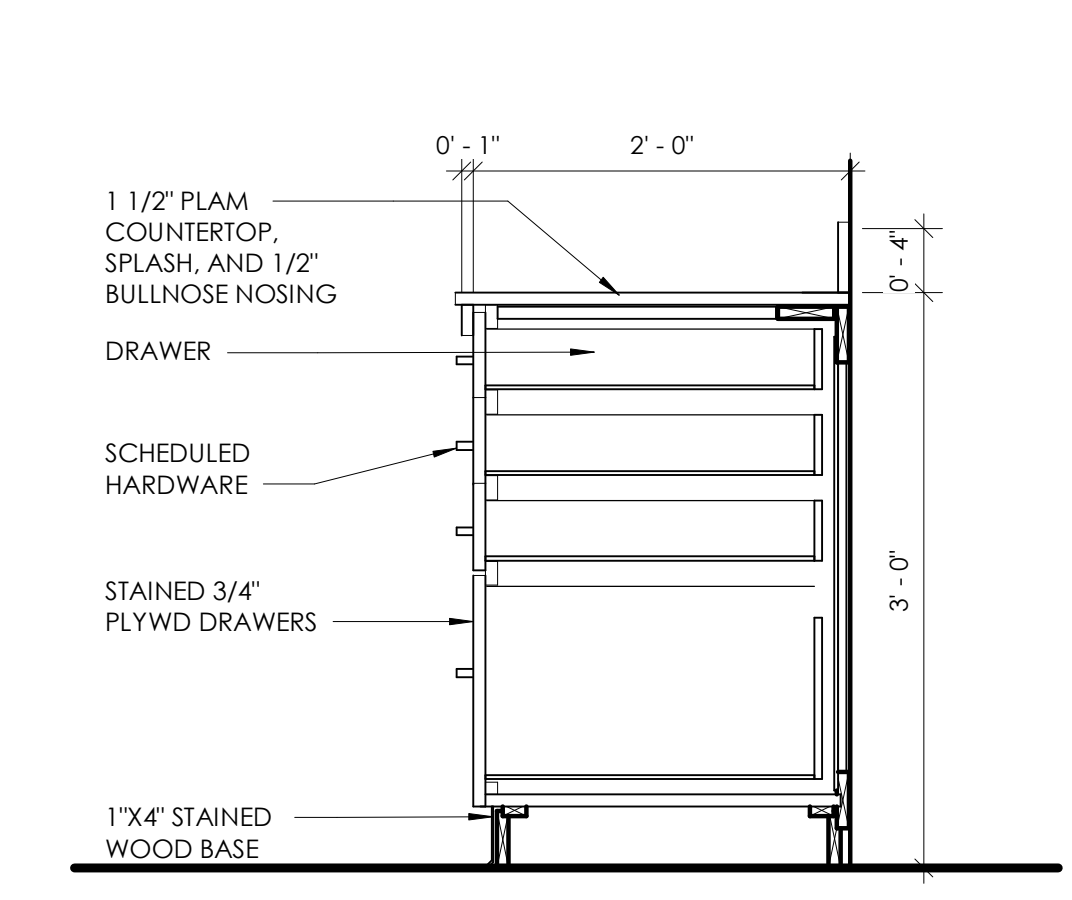
**14 TYPICAL SINK CABINET**  
1" = 1'-0"



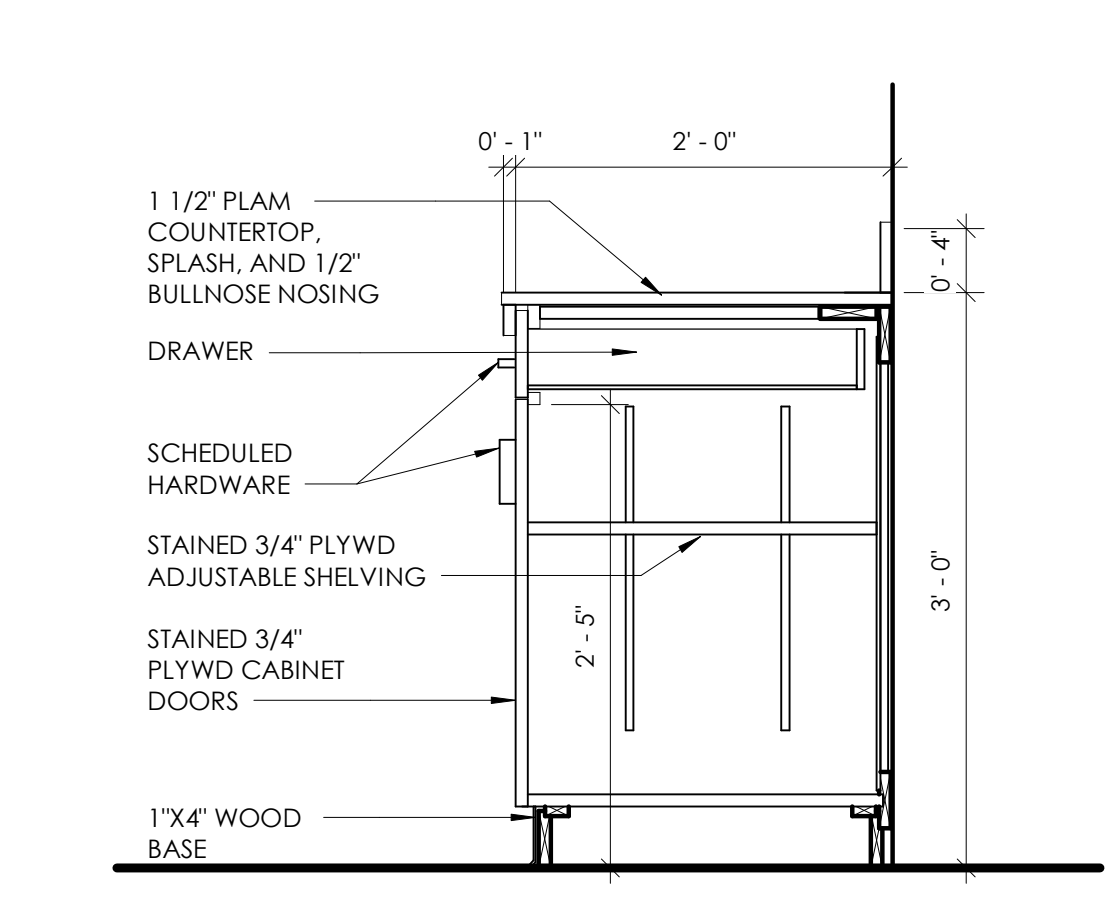
**13 TYPICAL UPPER CABINET**  
1" = 1'-0"



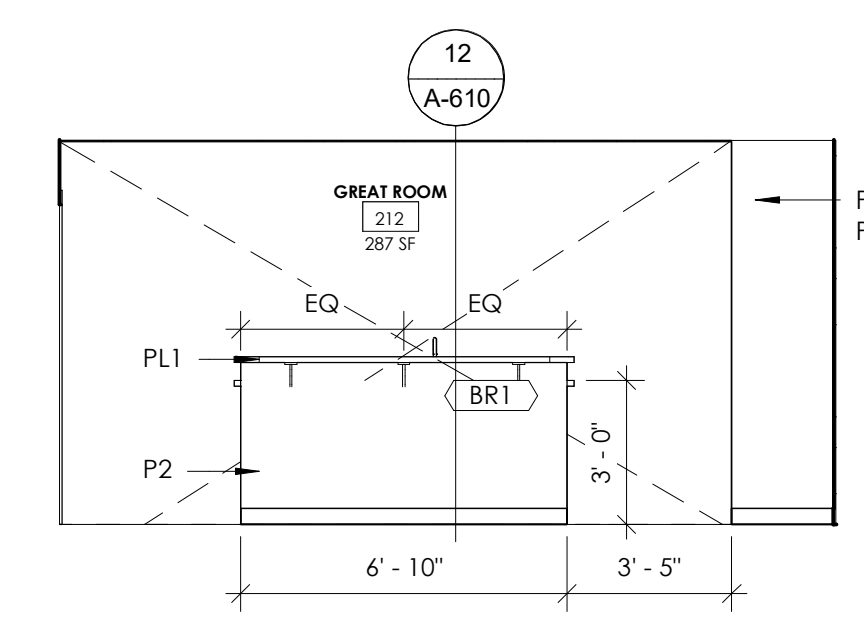
**12 TYPICAL KITCHEN ISLAND**  
1" = 1'-0"



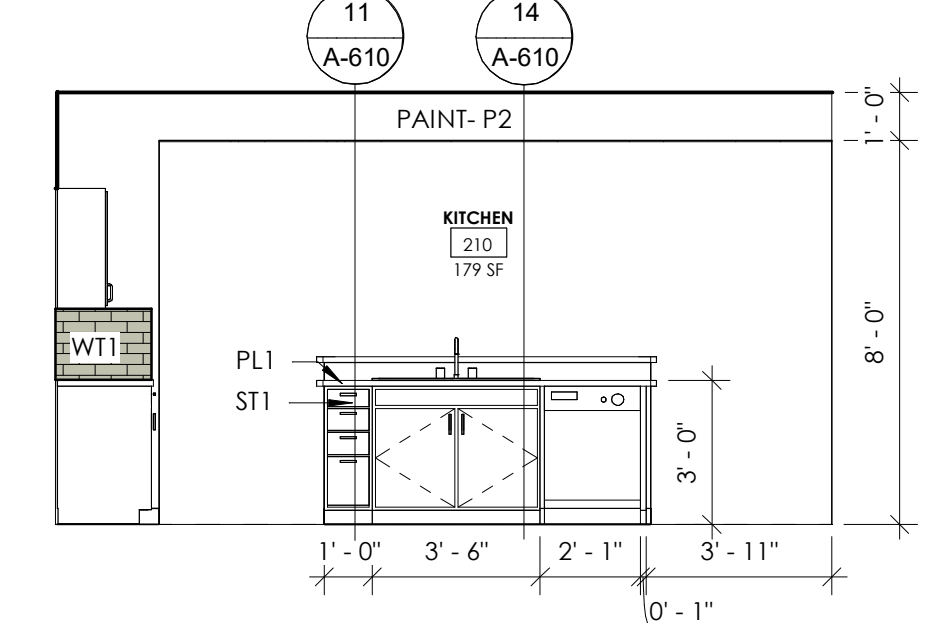
**11 TYPICAL LOWER CABINET**  
1" = 1'-0"



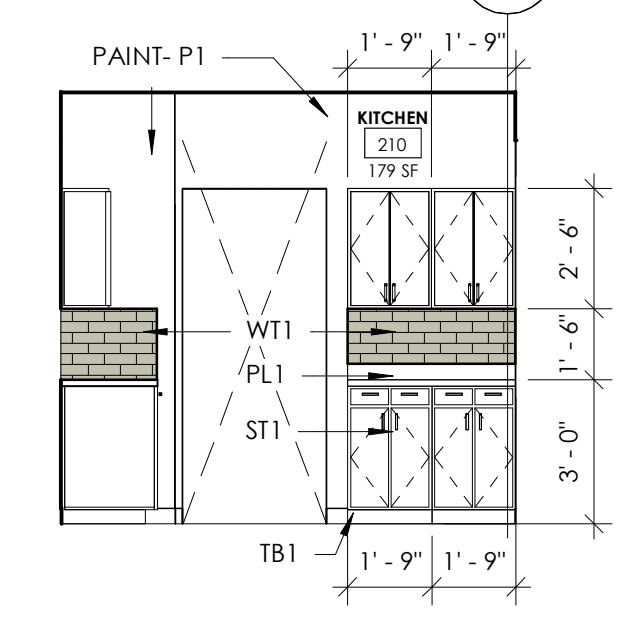
**10 TYPICAL LOWER CABINET**  
1" = 1'-0"



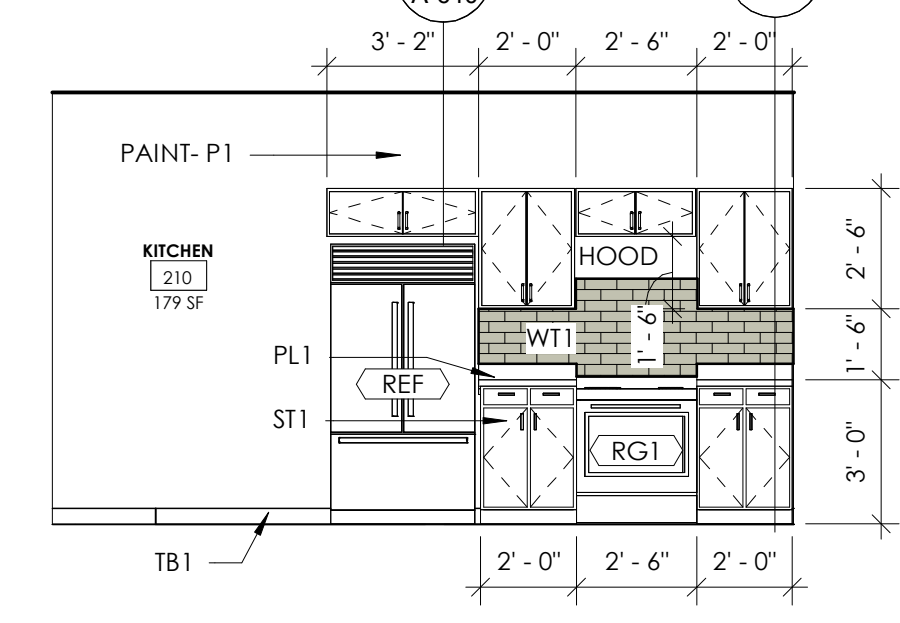
**9 KITCHEN ISLAND- BACK**  
1/4" = 1'-0"



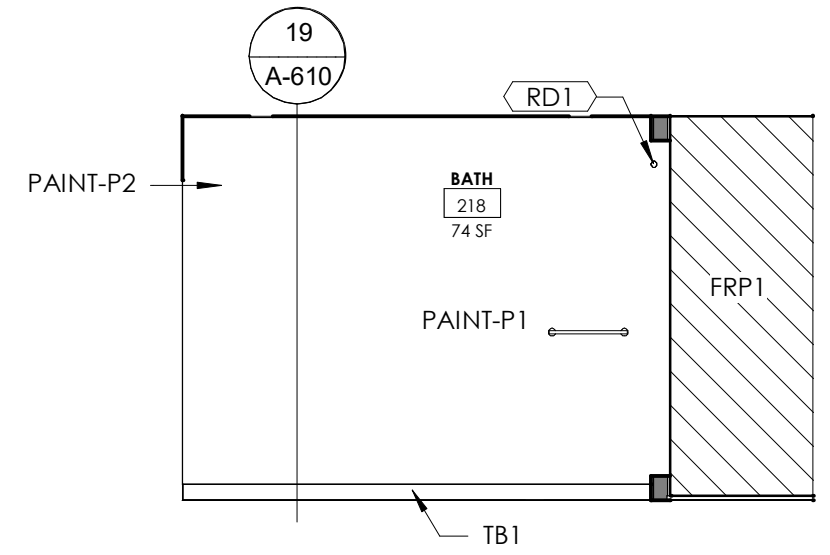
**8 KITCHEN ISLAND- FRONT**  
1/4" = 1'-0"



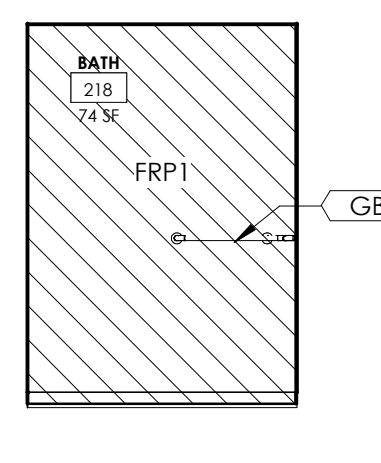
**7 KITCHEN S**  
1/4" = 1'-0"



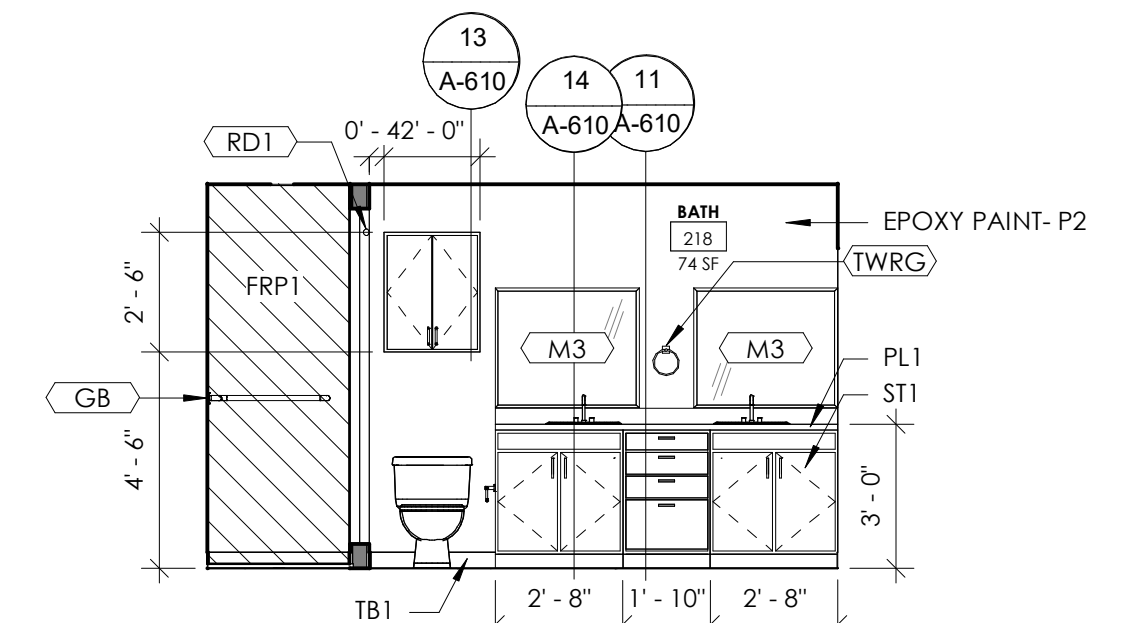
**6 KITCHEN E**  
1/4" = 1'-0"



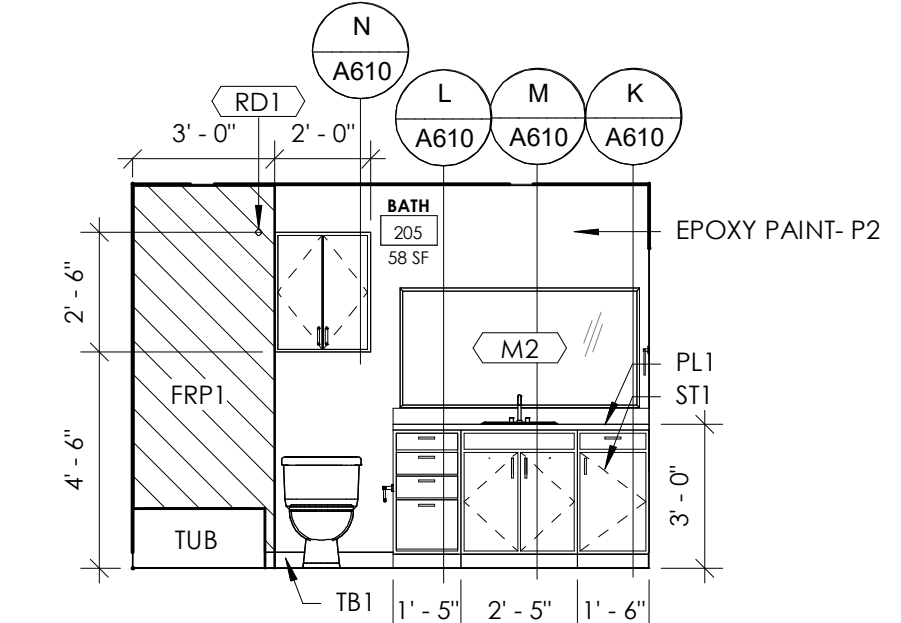
**5 BATH 218 E**  
1/4" = 1'-0"



**4 BATH 218 S**  
1/4" = 1'-0"



**3 BATH 218 W**  
1/4" = 1'-0"



**2 BATH 205 S**  
1/4" = 1'-0"

**1 BATH 205 W**  
1/4" = 1'-0"

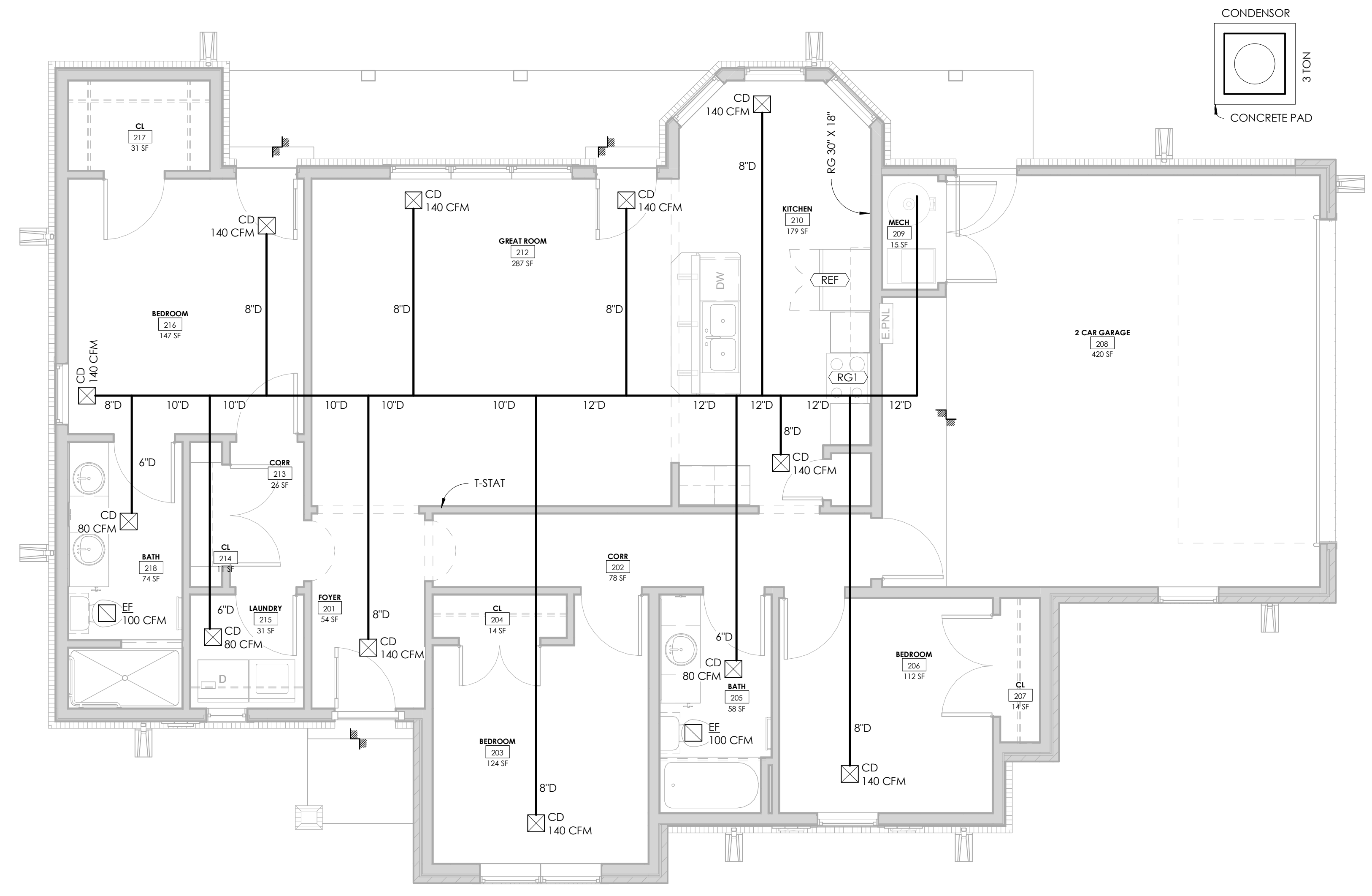
O N M L K J I H G F E D C B A

PRINT THIS SHEET FULL SIZE (1/4" X 9")

No.	Description	Date

REVISIONS

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**AIR DEVICES NOTES**  
HART & COOLEY OR EQUAL

- CEILING DIFFUSERS TYPE 500
- 6X6 75 CFM OR LESS
  - 8X8 75 - 120 CFM
  - 10X10 120 - 175 CFM
  - 12X12 175 - 300 CFM

- SIDEWALL FURNACE (FAN COIL)  
RETURN GRILLE TYPE 672
- 30X12 800 CFM (2T)
  - 30X18 1200 CFM (3T)
  - 30X24 1600 CFM (4T)

- UNDERCUT DOORS NOTES**
- UC = INDICATES DOOR IS UNDERCUT BY 1"
  - TYPICAL INTERIOR DOORS ARE ALL UNDERCUT, UNLESS INSTALLED IN AN INSULATED WALL.
  - EXTERIOR DOORS, AND DOORS TO GARAGES ARE NOT UNDERCUT.

- GENERAL HVAC NOTES:**
1. USE HARD DUCT THROUGHOUT, NOT FLEX DUCT.
  2. VERIFY HEAT SOURCE WITH CONSTRUCTOR (GAS, **ELECTRIC RESISTANCE**, AIR TO AIR HEAT PUMP)
  3. HEAT PUMP FAN COIL UNITS TO BE PROVIDED WITH SUPPLEMENTAL ELECTRIC HEATER (SIZED TO PROVIDE SUPPLY AIR TEMPERATURE ABOVE 95 DEGREE FORTHRIGHT WITH HEAT PUMP OPERATION AT 0 DEGREES FOR NIGHT OUTSIDE AIR TEMPERATURE)
  4. PROVIDE FLUE AND COMBUSTION AIR DUCTING FOR GAS FIRED FURNACE

**FURNACE NOTES**

- A. ESTIMATE 12,000 BTU PER 500 SF  
 $1025/500=3 \quad 3 \times 1200=$
  - B. **36,000 BTU MINIMUM SIZE**
2. INPUT FAN COIL (EH)-MIN 15kw, 2 STAGE FAN COIL (HTP)-MIN 10kw, 2 STAGE
  3. INSTALL FURNACE ON PLENUM STAND

**DRYER EXHAUST NOTES**

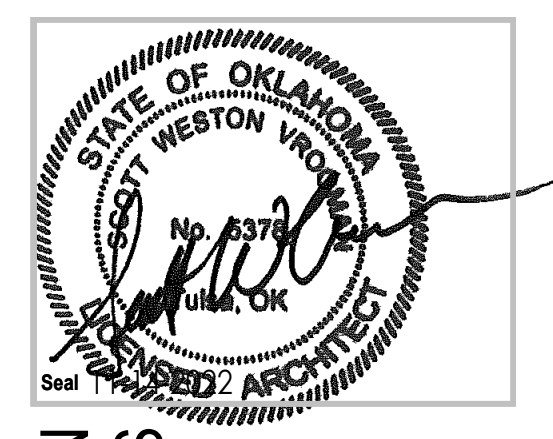
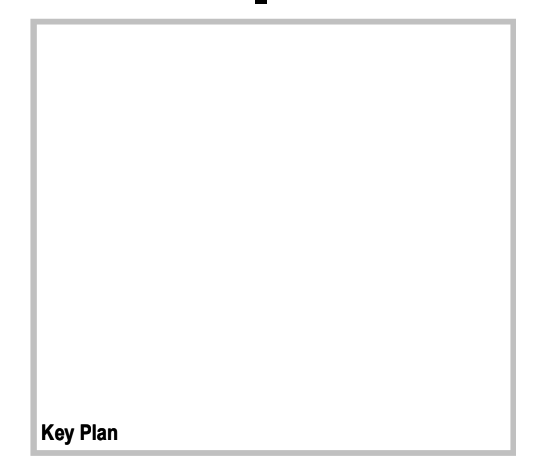
1. DRYER EXHAUST
  - A. INSTALL DRYER EXHAUST DUCT IN WALL BOX WITH BOTTOM OF BOX AT FLOOR LEVEL.
  - B. PROVIDE DRYER EXHAUST WALL CAP WITH BACK DRAFT DAMPER
  - C. 4" DIAMETER W/ TAPED JOINTS (NO SCREWS)

1 FLOOR PLAN - B (MECHANICAL)  
1/4" = 1'-0"

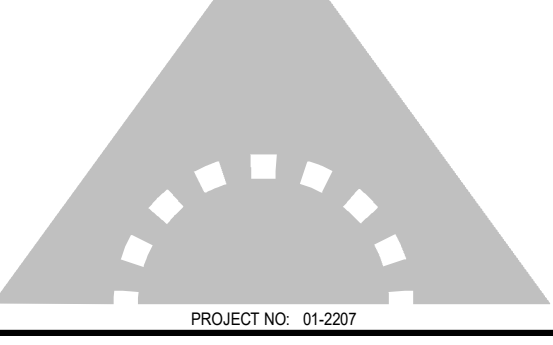
**SINGLE FAMILY HOME  
3 BEDROOM B**

HOUSING AUTHORITY OF  
THE CHEROKEE NATION

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COLLINSVILLE, OK



CONSTRUCTION  
DOCUMENTS



PROJECT NO: 01-2207

SHEET TITLE: MECHANICAL PLAN

DRAWN BY: Author  
CHECKED BY: Checker  
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**M-101**

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**DOMESTIC WATER SUPPLY NOTES**

**SERVICE ENTRANCE**

- LOCATE WATER SERVICE ENTRANCE & SHUT OFF VALVE ADJACENT WATER HEATER
- WATER HEATER TO BE 50 GALLON TANK
- EXTEND WATER SERVICE TO SITE UTILITY OR PRIVATE WELL SYSTEM
- SUPPLY WATER HEATER WITH MIN 1" COLD WATER LINE

**DOMESTIC FIXTURES**

- RUN 3/4" HOT AND COLD WATER LINES FROM SERVICE ENTRY TO ALL SINKS AND SHOWERS

**WASHER BOX**

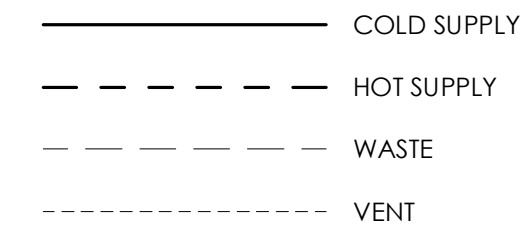
- RUN 3/4" COLD AND 1/2" HOT WATER LINES TO WASHER BOX. REF PLAN FOR LOCATION

**DISH WASHER**

- IF INSTALLED, RUN HOT WATER LINE TO DISHWASHER. SIZE ACCORDING TO MANUFACTURER REQUIREMENTS.

**HOSE BIBS**

- INSTALL 2 FREEZE PROOF HOSE BIBS. REF PLAN FOR LOCATION
- INSTALL BALL SHUT OFF VALVE AT FREEZE PROOF HOSE BIBS
- RUN 3/4" COLD WATER LINE TO EACH FREEZE PROOF HOSE BIB



PLUMBING SYSTEM DESIGN IS DELEGATED TO THE WINNING CONTRACTOR. PROVIDED DESIGN IS FOR REFERENCE ONLY. SIZING AND LAYOUT OF PIPES ETC. BY SUBCONTRACTOR. FOLLOW NOTES AND INDUSTRY STANDARDS.

**WASTE AND VENT NOTES**

**SERVICE EXIT**

- EXTEND SANITARY SEWER TO SITE UTILITY OR PRIVATE DISPOSAL SYSTEM
- INSTALL FLOOR DRAIN AT WATER HEATER

**SANITARY SEWER NOTES**

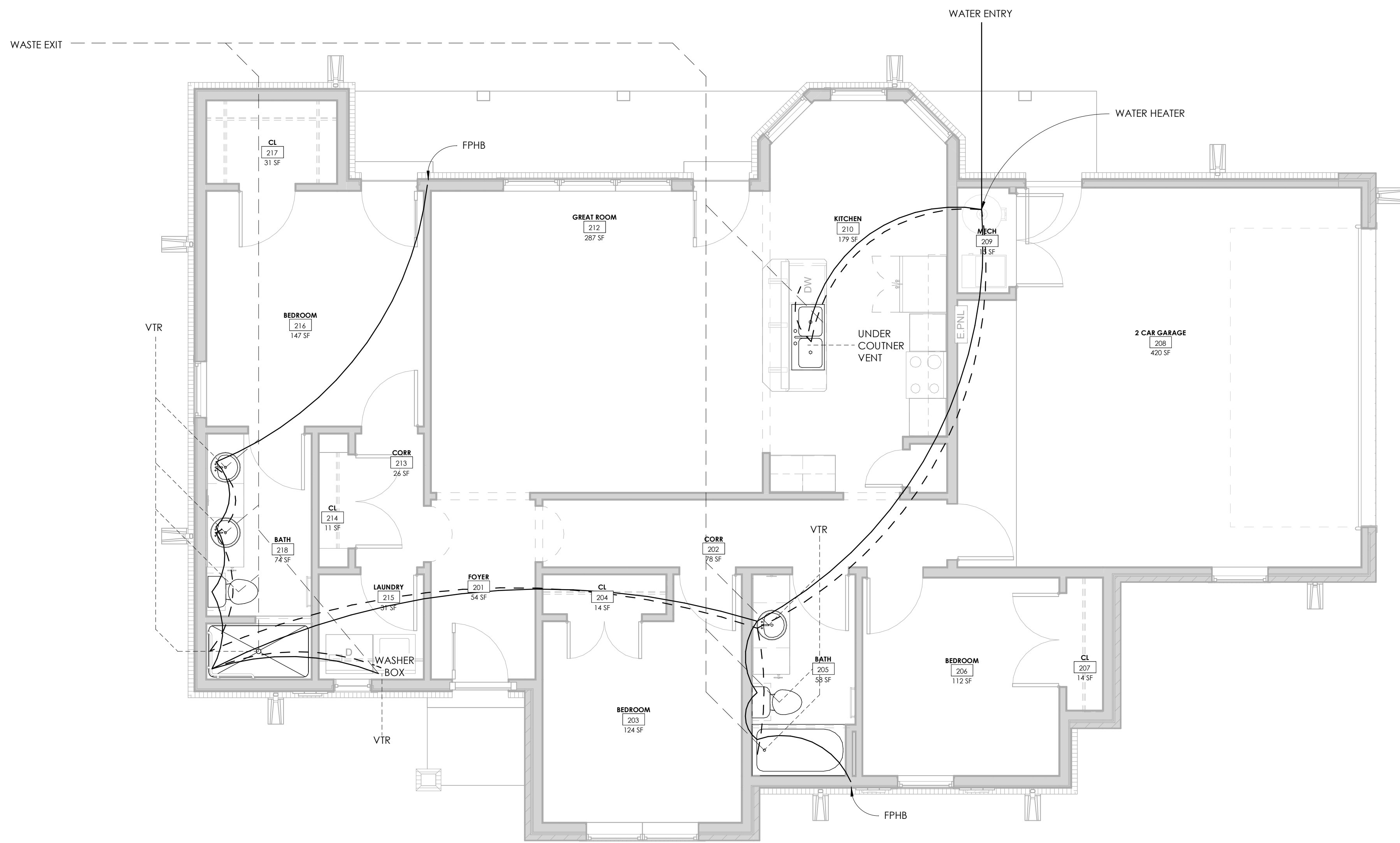
- INSTALL MINIMUM 3" WASTE LINES AT WATER CLOSET
- INSTALL MINIMUM 2" WASTE LINES AT SHOWERS & BATH TUBS
- INSTALL MINIMUM 1 - 1/2" WASTE LINES AT LAVATORIES
- DISHWASHER WASTE TO TIE IN TO GARBAGE DISPOSAL
- WHERE POSSIBLE COMBINE WASTE LINES. ENLARGE COMBINED LINES AS NEEDED AND REQUIRED BY CODE

**VENT NOTES**

- INSTALL 1 - 1/2" VENT AT SHOWER DRAINS
- INSTALL 1 - 1/2" VENT AT WATER CLOSET DRAINS
- INSTALL 1 - 1/2" VENT AT LAVATORY DRAINS
- INSTALL 1 - 1/2" VENT AT KITCHEN SINK, DISHWASHER, AND GARBAGE DISPOSAL DRAINS
- WHERE POSSIBLE COMBINE VENTS BEFORE PENETRATING ROOF. ENLARGE COMBINED VENTS AS NEEDED AND REQUIRED BY CODE

**CLEANOUTS**

- INSTALL INTERIOR WALL CLEANOUTS AT KITCHEN SINK (UNDER CABINET) LAUNDRY ROOM (ADJACENT WASHER BOX) AND NEAR SERVICE EXIT.
- INSTALL EXTERIOR CLEANOUTS AT EACH LOCATION WHERE SANITARY SEWER EXITS THE BUILDING

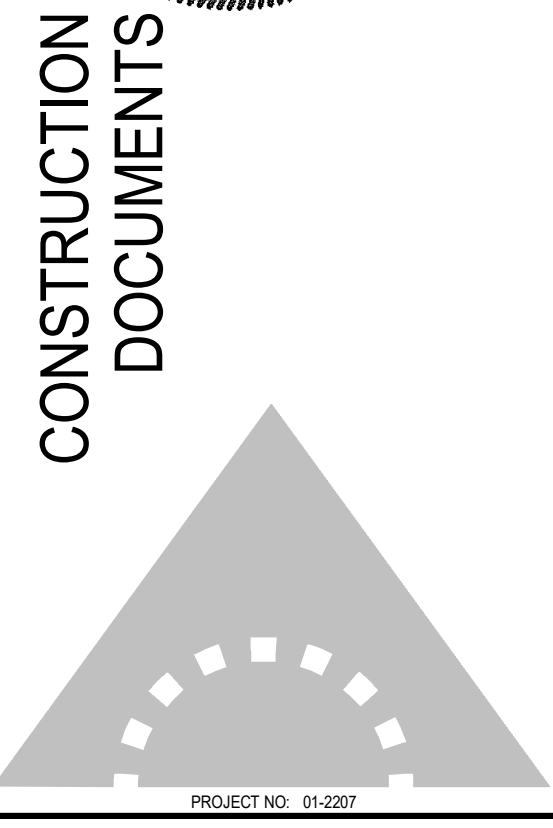
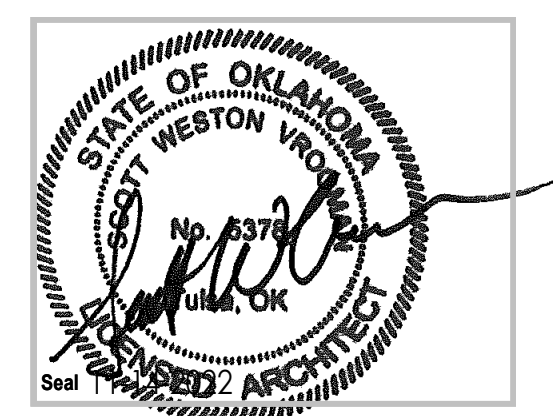
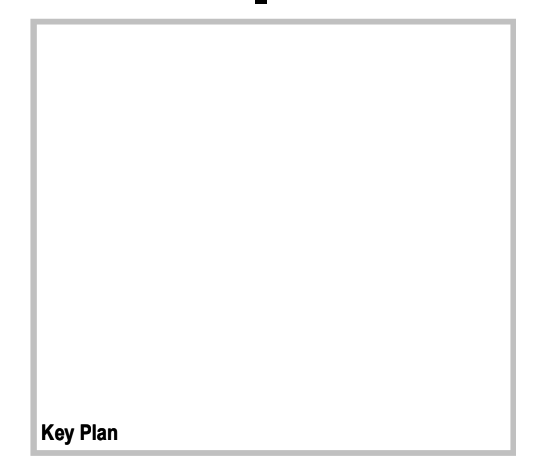


**1 FLOOR PLAN - B (PLUMBING)**  
1/4" = 1'-0"

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3 BEDROOM B**

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**P-101**