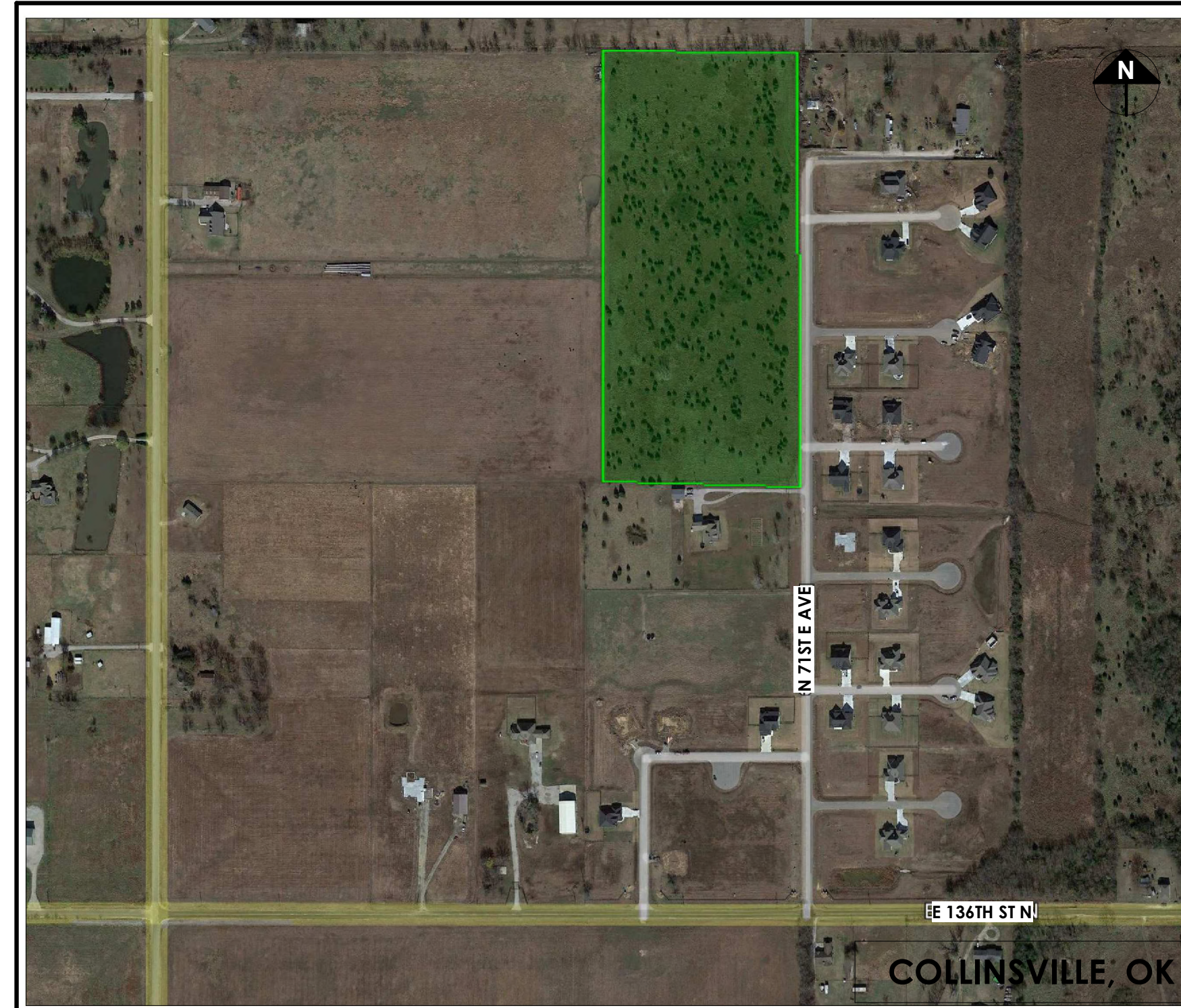


SINGLE FAMILY HOME, 4 BEDROOM

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

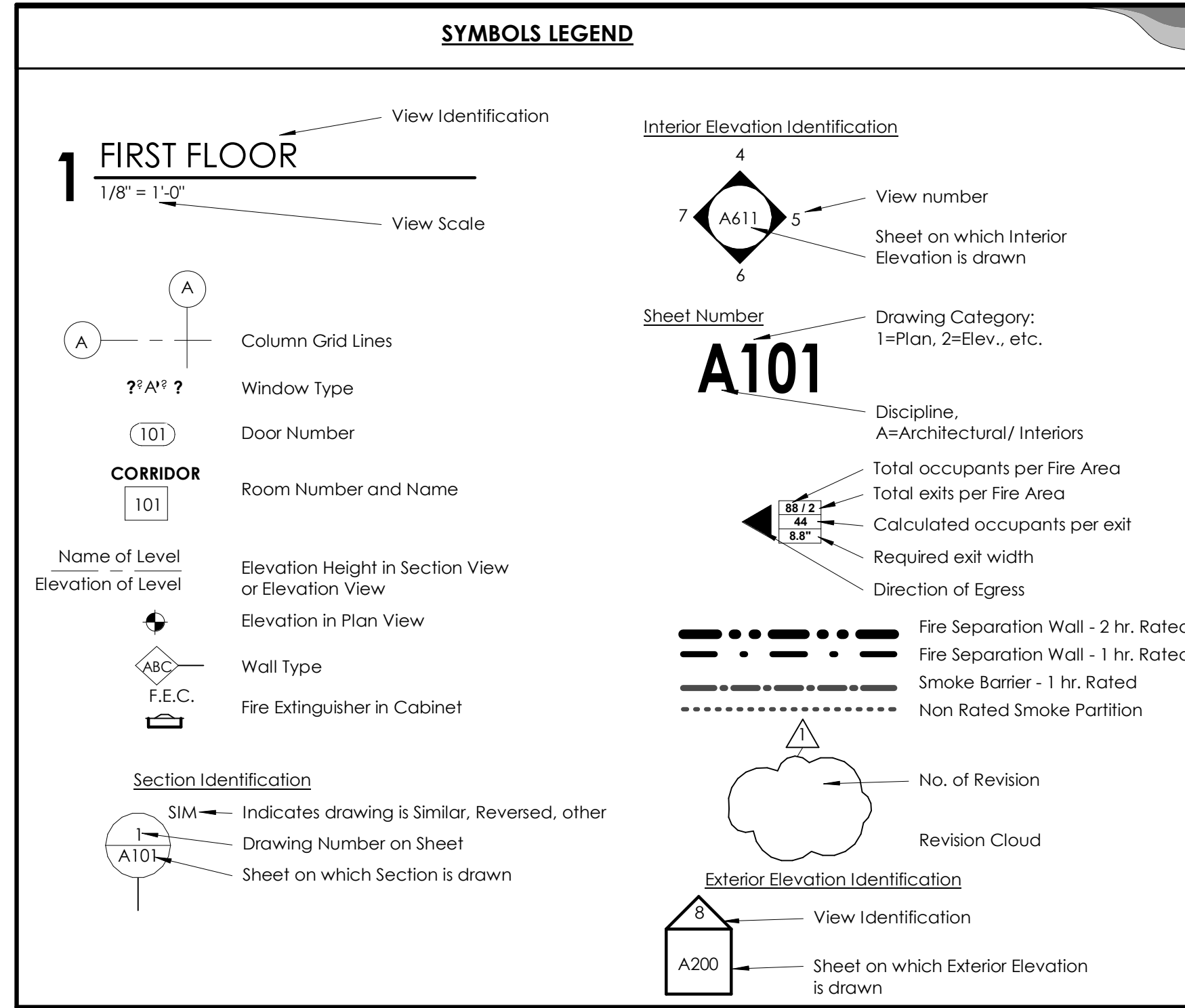


INDEX OF DRAWINGS		
.GENERAL	ARCHITECTURE	PLUMBING
.G-000 COVER SHEET	A-101 FLOOR PLAN & ROOF PLAN	P-101 PLUMBING PLAN
.G-001 ARCHITECTURAL SPECIFICATIONS	A-130 REFLECTED CEILING PLAN	1
.G-002 PLUMBING SPECIFICATIONS	A-300 EXTERIOR ELEVATIONS - FRONT	
.G-003 MECHANICAL SPECIFICATIONS	A-301 EXTERIOR ELEVATIONS	MECHANICAL
.G-004 ELECTRICAL SPECIFICATIONS	A-302 BUILDING SECTIONS	M-101 MECHANICAL PLAN
5	A-310 WALL SECTIONS	1
	A-500 SPECIALTIES, DOORS & WINDOWS	Grand total: 20
STRUCTURAL	A-600 FLOOR & WALL FINISH PLAN	
S-001 GENERAL NOTES	A-610 INTERIOR ELEVATIONS	
S-101 STRUCTURAL FOUNDATIONS PLAN / DETAILS	9	
S-102 FRAMING DETAILS		
S-103 ROOF AND CEILING FRAMING PLANS		
4		

PROJECT TEAM

ARCHITECT:
TriArch
www.tri-arch.com
618 E 3rd St.
Tulsa OK 74120
PHONE (918) 743-2724

Tony Popp
tpopp@Tri-Arch.com



ABBREVIATIONS

A	ANCHOR BOLT	G	GAUGE	Q	QUARTZ
A/C	AIR CONDITIONING	GALV	GALVANIZED	R	RADIUS
ACP	ACOUSTICAL PANEL	GB	GRAB BAR	RA	RETURN AIR
ACT	ACOUSTICAL CEILING TILE	GCMU	GLAZED CONCRETE MASONRY UNIT	RB	RUBBER BASE
AD	AREA DRAIN	GD	GRADE	RD	ROOF DRAIN
ADH	ADHESIVE	GL	GLASS	REF	REFERENCE, REFRIGERATOR
ADJ	ADJUSTABLE	GR	GROMMET	REINF	REINFORCING, REINFORCEMENT
AFJ	ABOVE FINISH FLOOR	GSU	GLAZED STRUCTURAL UNIT	REQ	REQUIRED
AL	ALUMINUM	GRNBD	GREEN BOARD	RES	RESILIENT
ALT	ALTERNATE	GYP	GYPSONUM	REV	REVISION
AMB	AMBULATORY	H		RF	RUBBER FLOOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	H/B	HOSE BIBB	RFG	ROOFING
AP	ACCESS PANEL	H/C	HANDICAPPED	RM	ROOM
APPROX	APPROXIMATE	HC	HOLLOW CORE	RO	ROUGH OPENING
ARCH	ARCHITECT(URAL)	HD	HEAVY DUTY	RPM	RIGHT-OF-WAY
ASPH	ASPHALT	HDR	HEADER	RPM	REVOLUTIONS PER MINUTE
AUTO	AUTOMATIC	HDW	HARDWARE	RS	ROLLER SHADES
B	BOARD	HK	HOOK	RTU	ROOF TOP UNIT (HVAC)
BD	BITUMINOUS	HM	HOLLOW METAL	RV	ROOF VENT PENETRATION
BIT	BUILDING	HORZ	HORIZONTAL	S	SOUTH
BDLG	BUILDING	HP	HORSEPOWER	SATB	SOUND ATTENUATION BLANKET
BL	WINDOW BLINDS	HR	HOOR	SC	SOLID CORE, SEALED CONCRETE
BULK	BLOCKING	HT	HEIGHT	SCH	SCHEDULE, SCHLUTER
BM	BENCH MARK, BEAM	HVAC	HEATING, VENTILATING, AIR CONDITIONING	SD	STORM DRAIN
BO	BY OWNER, BY OTHERS	HWD	HARDWOOD	SE	SOUTHEAST
BR	BRACKET	I		SECT	SECTION
BRG	BEARING	INSUL	INSULATION	SF	SQUARE FOOT
BTB	BACK TO BACK	INT	INTERIOR	SGL	SAFETY GLASS
BUR	BUILT-UP ROOFING	J		SIM	SIMILAR
C	CABINET	JAN	JANITOR'S CLOSET	SNR	SANITARY NAPKIN RECEPTACLE
CB	CATCH BASIN	JB	JUNCTION BOX	SP	SOUNDPROOF
CBB	CEMENTITIOUS BACKING BOARD	JOH	JAMB OPENING HEIGHT	SPECS	SPECIFICATIONS
CF	CUBIC FEET	JOW	JAMB OPENING WIDTH	SQ	SQUARE
CFM	CUBIC FEET PER MINUTE	K		SR	SHOWER ROD
CG	CORNER GUARD	KD	KNOCKDOWN	SS	SERVICE SINK, STAINLESS STEEL
BULK	BLOCKING	KG	KILOGRAM	STD	SOLID SURFACE
CIP	CAST IN PLACE	KIT	KITCHEN	STG	STANDARD
CJ	CONTROL JOINT	KO	KNOCKOUT	STG	SEATING
CL	CENTERLINE	KVA	KILOVOLT AMPERES	STL	STEEL
CLG	CEILING	KW	KILOWATTS	STOR	STORAGE
CLR	CLEAR(ANCE)	L		STP	STANDPIPE
CM	CONSTRUCTION MANAGER	L	LENGTH	STRUC	STRUCTURAL
CMU	CONCRETE MASONRY UNIT	LAM	LAMINATE(D)	SW	SOUTHWEST
COL	COLUMN	LAV	LAVATORY	SYM	SYMMETRICAL
CONC	CONCRETE	LBS	POUNDS	SYS	SYSTEM
CONST	CONSTRUCTION	LKR	LOCKER	T	
CONT	CONTINUOUS	LL	LIVE LOAD	TB	TILE BASE
CORR	CORRIDOR	LH	LONG LEG HORIZONTAL	T/C	TOP OF CURB
CPT	CARPET	LLV	LONG LEG VERTICAL	TD	TOWEL DISPENSER
CSMT	CERAMIC TILE	LVR	LOUVER	TDWR	TOWEL DISPENSER & WASTE
CY	CUBIC YARD	LVT	LUXURY VINYL TILE	TEL	TELEPHONE
D	DRAIN	L/G	LIGHTWEIGHT	TEMP	TEMPERATURE
DBL	DOUBLE	M	METER	TGL	TEMPERED GLASS
DEG	DEGREES	MAINT	MAINTENANCE	TH	TOWEL HOOK, THICK(NESS)
DEMO	DEMOLITION	MAX	MAXIMUM	THR	THRESHOLD
DH	DOUBLE HUNG	MBR	MEMBRANE	TLT	TOILET
DIA	DIAMETER	MC	MEDICINE CABINET	TOPO	TOPOGRAPHY MAP
DIAG	DIAGONAL	MECH	MECHANICAL	TID	TOILET TISSUE DISPENSER
DIM	DIMENSION	MEZZ	MEZZANINE	TRT	TREATED (PRESERVATIVE)
DIV	DIVISION	MFR	MANUFACTURER	T/SL	TOP OF SLAB
DL	DEAD LOAD	MH	MANHOLE	T/STL	TOP OF STEEL
DN	DOWN	MIN	MINIMUM	TV	TELEVISION
DP	DAMP PROOFING	MIR	MIRROR	T/W	TOP OF WALL
DR	DOOR	MISC	MISCELLANEOUS	TYP	TYPICAL
DS	DOWNSPOUT	MKBD	MARKER BOARD	T&B	TOP AND BOTTOM
DWG	DRAWING	MLDG	MOULDING	T&G	TONGUE AND GROVE
DWR	DRAWER	MM	MILLIMETER	UC	UNDERCUT
E	EAST	MO	MASONRY OPENING	UH	UNIT HEATER
EB	EXPANSION BOLT	MPU	MULTIPURPOSE UNIT	UNFIN	UNFINISHED
EJ	EXPANSION JOINT	MOP	MORTAR PACK	US	UTILITY SHELF
EL	ELEVATION	MTG	MOUNTING	UTIL	UTILITY
ELEC	ELECTRIC(AL)	MTL	MATERIAL	V	VENT
ENGR	ENGINEER	MULL	MULLION	VB	VAPOR BARRIER
EQ	EQUAL	N	NORTH	VCT	VINYL COMPOSITION TILE
EQUIP	EQUIPMENT	NE	NORTHEAST	VERT	VERTICAL
ES	EACH SIDE	NIC	NOT IN CONTRACT	VIN	VINYL (SHEET)
EW	EACH WAY	NOM	NOMINAL	VJ	V-JOINED(ED)
EXH	EXHAUST	NIS	NOT TO SCALE	VOL	VOLUME
EXP	EXPOSED	NW	NORTHWEST	W	WEST, WIDTH
EXT	EXTERIOR	NPS	NOMINAL PIPE SIZE	W/	WITH
EXIST	EXISTING	O		WC	WATER CLOSET, WALL COVERING
FA	FIRE ALARM	OC	ON CENTER	WD	WOOD
FB	FACE BRICK	OD	OUTSIDE DIAMETER	WH	WATER HEATER
FD	FLOOR DRAIN	OH	OVERHEAD	WM	WIRE MESH
FE	FIRE EXTINGUISHER	OTO	OUT TO OUT	W/O	WITHOUT
FEC	FIRE EXTINGUISHER CABINET	P		WP	WATERPROOFING
FF	FACTORY FINISH	PBD	PARTICLEBOARD	WSC	WASTE RECEPTACLE
FFE	FURNITURE, FIXTURES, & EQUIPMENT	P/C	PRECAST (CONCRETE)	WT	WEIGHT
PFL	FINISH FLOOR LINE	PC	POLISHED CONCRETE	WWF	WELDED WIRE FABRIC
FHC	FIRE HOSE CABINET	PCF	POUNDS PER CUBIC FOOT	Y	YARD
FL	FLOOR/ FLOORING	PE	PORCELAIN ENAMEL	YD	YARD
FOC	FACE OF CONCRETE	PEJ	PREFORMED EXPANSION JOINT		
FOF	FACE OF FINISH	PFB	PREFABRICATED PLATE, PROPERTY LINE		
FOM	FACE OF MASONRY	PLAM	PLASTIC LAMINATE		
FOS	FACE OF STUDS	PLMBG	PLUMBING		
FIREPROOF	FIREPROOF	PLYWD	PLYWOOD		
FRT	FIRE RETARDANT TREATED FLEXIBLE SHEET ROOFING	PNL	PANEL(S)		
FSR	FOOT, FEET	PR	PAIR		
FT	FOOT, FEET	PSF	POUNDS PER SQUARE FOOT		
FIG	FOOTING	PT	POINT		
FUR	FURRING	PART	PARTITION		
FURN	FURNITURE	PVC	POLYVINYL CHLORIDE		
		PVG	PAVING		

Purpose. Driven. Architecture.
618 E 3rd St.
Tulsa, OK 74120
918.743.2724 (H)
918.743.2725 (F)

SINGLE FAMILY HOME 4 BEDROOM

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

CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

SHEET TITLE: COVER SHEET

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

G-000



618 E. 3rd St.
Tulsa, OK 74103
918.743.2724 (cell)
918.743.2728 (fax)

No.	Description	Date
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

REVISIONS

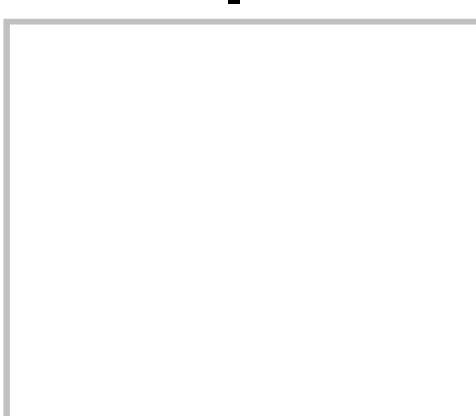
--

Consultants

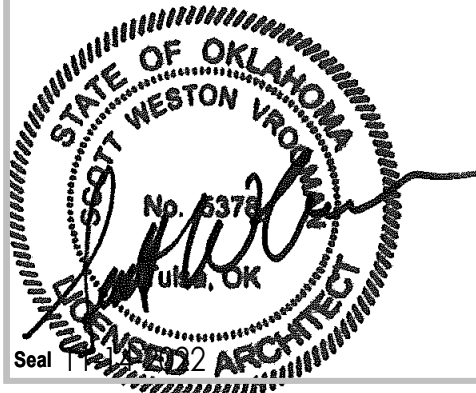
**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

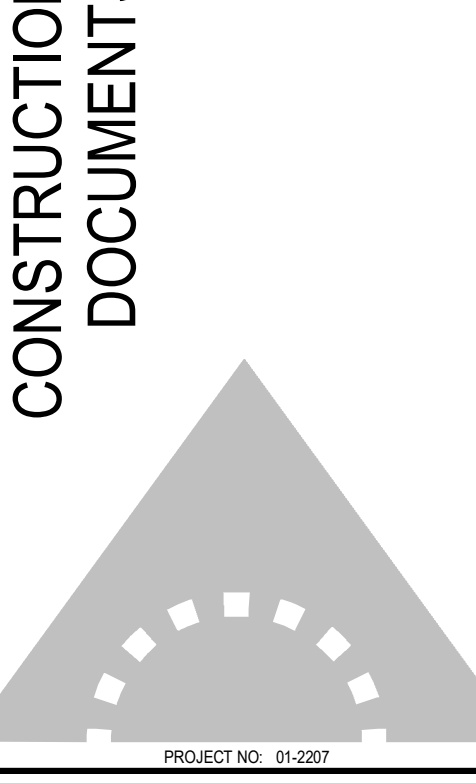
N. SHERIDAN RD. & E. 136TH ST. N.
COLLINSVILLE, OK



Key Plan



Seal



PROJECT NO: 01-2207

SHEET TITLE: PLUMBING SPECIFICATIONS

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

G-002

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

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 & Eljer, Olsonite, Beneke, 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: counters
 - 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. Its 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 amatflex).

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 amatflex 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 (ull);
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 1, hard-drawn temper.
Fittings: PEX, solder-joints.
Tube size 2-1/2" and larger: PEX tube.
Wall thickness: type 1, 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 oil 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.

This document, and the ideas and designs incorporated herein, are an instrument of professional service to the property of TriArch and is not to be used, in whole or in part, for any other project, without the written authorization of TriArch. PRINT THIS SHEET FULL SIZE AT 24" X 36" 26/2022 11:22:29 AM

GENERAL NOTES

LOAD PARAMETERS

DESIGN: 2015 INTERNATIONAL RESIDENTIAL CODE

ROOF DEAD LOAD, P _d	20 PSF (UNIFORM)
ROOF LIVE LOAD, P _L	20 PSF (UNIFORM)
GROUND SNOW LOAD, P _g	10 PSF
WIND SPEED (3 SECOND GUST)	115 MPH
WIND CLASSIFICATION	C
WIND PRESSURE COEFFICIENT	0.18
WIND FORCE FACTOR	1.0

SEISMIC

SEISMIC RESPONSE ACCELERATION (R _T PERIOD), S _s	0.181
SEISMIC RESPONSE ACCELERATION (S ₁ PERIOD), S ₁	0.063
SEISMIC RESPONSE COEFFICIENT (R _T PERIOD), S _{ds}	0.193
SEISMIC RESPONSE COEFFICIENT (S ₁ PERIOD), S _{d1}	0.100
OVERSTRENGTH DESIGN CATEGORY	D
OVERSTRENGTH DESIGN CATEGORY	1.0
OVERSTRENGTH DESIGN CATEGORY	8
OVERSTRENGTH DESIGN CATEGORY	7
OVERSTRENGTH DESIGN CATEGORY	2.5
OVERSTRENGTH DESIGN CATEGORY	4.5
OVERSTRENGTH DESIGN CATEGORY	EQUIVALENT LATERAL FORCE

FOOTINGS

ALL CONTINUOUS FOOTINGS BEARING ON APPROVED NATIVE SOILS OR STRUCTURAL FILL HAVE BEEN DESIGNED FOR AN ALLOWABLE NET PRESSURE OF 1,800 PSF PER THE RECOMMENDATIONS PROVIDED IN THE REFERENCED GEOTECHNICAL REPORT.

GENERAL

ALL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT WITH ALL OTHER CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS. THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.

ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL LOADS THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION UNTIL THE LATERAL LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY BRACED.

STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE STRUCTURE ONE COMPLETELY COMPLETED AND OCCUPIED. THE CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE STRUCTURE TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLES OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHRINKING AND RESHORING, OR ANY OTHER CONSTRUCTION LOADS THAT ARE IN EXCESS OF THE STATED DESIGN LOADS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE TO CHECK THE STRUCTURE FOR LOADS APPLIED TO THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY.

MECHANICAL EQUIPMENT SHOWN ON THE STRUCTURAL PLANS ARE FOR UNITS SPECIFIED BY THE MECHANICAL ENGINEER. CONTRACTOR SHALL VERIFY WEIGHTS AND ANY SUBSTITUTIONS THAT RESULT IN INCREASED WEIGHT SHALL BE APPROVED BY THE STRUCTURAL ENGINEER.

LOCATION OF EQUIPMENT PADS AND PENETRATIONS THROUGH THE STRUCTURE FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL BE VERIFIED BY THE CONTRACTOR. OPENINGS AND PENETRATIONS NOT SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

FABRICATION AND/OR ERECTION OF ANY MATERIALS, THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT EXISTING DIMENSIONS, CONDITIONS, AND CONDITIONS AND SHALL REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER OF RECORD OR THE ARCHITECT IMMEDIATELY UPON DISCOVERY.

ALL MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL DRAWINGS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:

- COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
- THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST.
- THE CONTRACTOR SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- SITE OBSERVATION BY FIELD REPRESENTATIVES OF 360 ENGINEERING GROUP, LLC, IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY AWARE OF THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

FOUNDATIONS

FOOTINGS SHALL BEAR EITHER ON COMPETENT NATIVE SOIL OR COMPACTED STRUCTURAL FILL.

FOUNDATION FOOTINGS SHALL BEAR NOT LESS THAN 24 INCHES BELOW FINISH GRADE UNLESS OTHERWISE SPECIFIED BY THE STRUCTURAL ENGINEER AND/OR BUILDING OFFICIAL. IF THE SOIL AT THE BEARING ELEVATIONS SHOWN IS OF QUESTIONABLE BEARING CAPACITY, THE STRUCTURAL ENGINEER OF RECORD OR ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.

MINIMUM OF A 4-INCH CLEAN, FREE-DRAINING GRANULAR SUBBASE FILL BELOW ALL INTERIOR SLABS-ON-GRADE UNLESS NOTED OTHERWISE. SUBBASE SHALL MEET GRADATION REQUIREMENTS OF ASTM C-33 SIZE NO. 67, UNLESS SPECIFICALLY NOTED OTHERWISE.

MINIMUM POLYETHYLENE FILM VAPOR RETARDER, MEETING THE REQUIREMENTS IN THE SPECIFICATIONS, SHALL BE PLACED BELOW ALL INTERIOR SLABS-ON-GRADE.

CAUTION IS ADVISED AGAINST LOADING SLAB-ON-GRADE WITH CONSTRUCTION EQUIPMENT. THE SLAB HAS NOT BEEN DESIGNED TO SUPPORT CONSTRUCTION EQUIPMENT AND MAY REQUIRE AN INCREASE IN SLAB THICKNESS AND/OR REINFORCEMENT. IF THE CONSTRUCTION LOADS EXCEED THE DESIGN LOADS SHOWN IN THE DESIGN CRITERIA, THE CONTRACTOR IS REQUIRED TO SUBMIT CALCULATIONS SIGNED BY A REGISTERED STRUCTURAL, CIVIL, OR GEOTECHNICAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED FOR REVIEW AND APPROVAL.

FOOTINGS FOR STAIRS AND RAMPS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH.

WALLS SHALL HAVE ADEQUATE TEMPORARY BRACING INSTALLED BY THE CONTRACTOR BEFORE BACKFILL IS PLACED AGAINST WALLS. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL WALL IS PERMANENTLY BRACED.

DIVISION 3 - CONCRETE

- ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.
- CONTRACTOR SHALL FOLLOW ACI 308.1 FOR COLD WEATHER CONCRETE PLACEMENT AND CURING GUIDELINES.
- ARRANGEMENTS AND DETAIL OF REINFORCING BENDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PUBLICATION SP-86, "ACI DETAILING MANUAL" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
- UNLESS NOTED OTHERWISE, BAR SPLICES SHALL BE CLASS B TENSION SPLICES AND SHALL BE LAPPED WITH MINIMUM LENGTHS AS LISTED IN THE LAP LENGTH SCHEDULE, WHERE REQUIRED IN REINFORCING. SHORTER LAPS MAY BE ACCEPTABLE IF SPECIFIC LOCATIONS OF ALTERNATE LAPS ARE SHOWN ON THE REINFORCING PLACEMENT DRAWINGS AND CALCULATIONS ARE SUBMITTED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE IN WHICH THE PROJECT IS LOCATED, JUSTIFYING THE ALTERNATE LAP LENGTHS.
- PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC. FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION BEFORE PLACING CONCRETE. DO NOT "WET STICK" DOWELS.
- ALL WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 12" AT THE SIDES AND ENDS.
- LOCATIONS AND SIZES OF OPENINGS, SLEEVES, ETC. REQUIRED FOR OTHER TRADES MUST BE VERIFIED BY THESE TRADES BEFORE PLACING CONCRETE.
- ALL SLOTS, SLEEVES, TRENCHES AND OTHER EMBEDDED ITEMS SHALL BE SET AND SECURED AGAINST MOVEMENT BEFORE THE CONCRETE IS PLACED. SEE ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, AND VENDOR DRAWINGS FOR SIZES, AND LOCATIONS. COORDINATE LOCATIONS, SPACINGS, AND SIZES WITH THE STRUCTURAL ENGINEER OF RECORD PRIOR TO PLACING CONCRETE.
- AS PART OF THE SUBMITTAL PROCESS, THE ELECTRICAL AND MECHANICAL CONTRACTOR(S) SHALL SUBMIT PROPOSED ROUTING PLAN FOR ALL PIPES, CONDUITS, OR OTHER DEVICES TO BE EMBEDDED IN THE CONCRETE. THE SUBMITTAL SHALL SHOW SPECIFIC SIZES AND LOCATIONS OF ALL PROPOSED EMBEDDED ITEMS REFERENCING PROXIMITY TO BEAM, COLUMN, AND SLAB EDGES. NO ITEMS SHALL BE ALLOWED TO BE EMBEDDED IN THE CONCRETE WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
- CONDUITS AND PIPES EMBEDDED IN CONCRETE SLABS MAY BE NO LARGER THAN 1/3 OF THE SLAB THICKNESS (BASED ON THE MAXIMUM OUTSIDE DIAMETER) AND SHALL HAVE A CENTER-TO-CENTER SPACING NO LESS THAN THREE (3) CONDUIT DIAMETERS. REGARDLESS OF DIAMETER, THE MINIMUM CLEAR SPACING BETWEEN CONDUITS OR REINFORCING SHALL BE (1) INCH.
- NO MORE THAN FOUR CONDUITS MAY BE PLACED ADJACENT TO EACH OTHER WITHOUT PRIOR APPROVAL IN WRITING FROM THE STRUCTURAL ENGINEER OF RECORD.
- NO ALUMINUM CONDUITS, DEVICES, OR FIXTURES MAY BE EMBEDDED INTO THE CONCRETE SO THAT THE ALUMINUM IS IN DIRECT CONTACT WITH THE CONCRETE.
- CORNER BARS SHALL BE PROVIDED FOR ALL HORIZONTAL REINFORCING BARS AT THE INTERSECTIONS AND CORNERS OF ALL STRIP FOOTINGS, BEAMS, AND WALLS UNLESS NOTED OTHERWISE. CORNER BARS SHALL BE OF THE SAME SIZE AND GRADE AS THE HORIZONTAL REINFORCING THEY CONNECT. MINIMUM LAP LENGTHS SHALL BE AS INDICATED ABOVE UNLESS NOTED OTHERWISE.
- FOR EXTERIOR RETAINING WALLS AND BUILDING STEM WALLS EXPOSED TO VIEW ACROSS THE LENGTH OF WALL, PROVIDE FORMED "V" CONTROL JOINTS AT 15'-0" OC MAX.

LAP LENGTHS FOR SPLICES

BAR SIZE	TOP BARS**	OTHER
#3	1'-5"	1'-4"
#4	1'-11"	1'-5"
#5	2'-4"	1'-10"
#6	2'-10"	2'-2"
#7	4'-7"	3'-7"
#8	5'-10"	4'-6"
#9	7'-2"	5'-6"

* BASED ON MINIMUM CONCRETE COVER OF 1 1/2" AT MINIMUM CENTER-TO-CENTER BAR SPACING OF THREE BAR DIAMETERS, AND 3,000 PSI CONCRETE.

** TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW BARS.

REQUIRED CONCRETE STRENGTHS (28 DAY)

CONCRETE ELEMENT	f _c (PSI)
FOOTINGS AND STEM WALLS	3,000
FOUNDATION WALLS AND PEDESTALS	4,000
INTERIOR SLABS-ON-GRADE	3,500
SLABS ON COMPOSITE DECK	3,000
STEEL STAIR PANS (SLABS ON NON-COMPOSITE DECK)	3,000
BUILDING FRAME MEMBERS	4,000
BUILDING WALLS	4,000
EXTERIOR EXPOSED CONCRETE (AIR ENTRAINED)	4,500

REINFORCEMENT MATERIALS

REINF ELEMENT	ASTM	F _y (KSI)	F _u (KSI)
TYP REINFORCING	A615	60	90
WELDED AND BENT REINF	A706	60	80
WELDED WIRE REINFORCING, SMOOTH	A185	65	75
WELDED WIRE REINFORCING, DEFORMED	A497	70	80

REINFORCEMENT COVER REQUIREMENTS

LOCATION	COVER (IN)
COLUMNS, GIRDERS, AND BEAMS	1 1/2
CONCRETE CAST AGAINST EARTH	3
CONCRETE CAST IN FORMS, EXPOSED TO WEATHER OR EARTH	2
CONCRETE CAST ON VOID FORMS WITH MASONITE OR PLYWOOD COVERING	2
JOISTS	1 1/2
SLABS OR WALLS NOT EXPOSED TO EARTH OR WEATHER	1

DIVISION 6 - WOOD ROOF SHEATHING

- ALL ROOF SHEATHING SHALL BE PLACED IN SUCH A MANNER TO STAGGER ALL END JOINTS OF PANELS AND WITH LONG DIRECTION PERPENDICULAR TO SUPPORTS. ALUMINUM PANEL CLIPS SHALL BE PLACED AT MID-SPAN OF PANELS BETWEEN EACH TRUSS AS DECKING IS BEING LAID. INSTALLER SHALL LEAVE 1/8" SPACE AT ALL PANEL EDGES AND END JOINTS, UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER.
- FASTENING REQUIREMENTS FOR DECKING TO SUPPORTS SHALL BE IN COMPLIANCE WITH THE AMERICAN PLYWOOD ASSOCIATIONS (APA) RECOMMENDED MINIMUM FASTENING SCHEDULE FOR APA PANEL ROOF (OR WALL) SHEATHING AS STATED HEREIN. SEE ROOF FRAMING PLAN (S-201) FOR ROOF SHEATHING FASTENING REQUIREMENTS. CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
- COVER SHEATHING AS SOON AS POSSIBLE WITH ROOFING FELT FOR PROTECTION AGAINST EXCESSIVE MOISTURE PRIOR TO ROOFING APPLICATION. PROTECTION MATERIAL MUST BE APPROVED BY I.C.C. AND FOLLOW OTHER REQUIRED LOCAL CODE AGENCIES.
- UNLESS NOTED OTHERWISE, PLYWOOD STRUCTURAL PANELS NOTED ON THE DRAWINGS SHALL CONFORM TO U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARDS: PS 1, STRUCTURAL PLYWOOD (DOC PS 1), OR PS 2, PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL USE PANELS (DOC PS 2), AND TO BE IDENTIFIED BY THE MARK OF AN APPROVED TESTING AND GRADING AGENCY.

DIVISION 6 - WOOD FRAMING

- ALL WOOD PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED LUMBER.
- ALL METAL CONNECTORS SHALL MEET THE FOLLOWING:
 - CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
 - RATED TO PROVIDE LOAD RESISTANCE EQUAL TO CLIP SHOWN ON THE PLANS.
 - APPROVED BY I.C.C. AND OTHER REQUIRED LOCAL CODE AGENCIES.
 - INSTALLED AS RECOMMENDED BY THEIR MANUFACTURER.
- ALL WOOD TRUSSES OR JOIST AND RAFTERS SHALL BE FASTENED TO TOP PLATE WITH ONE (1) SIMPSON H3 AND ONE (1) SIMPSON A34 METAL CLIP OR APPROVED EQUAL UNO.
- FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR FASTENING OF HANGERS IN ORDER TO ACHIEVE THE REQUIRED ALLOWABLE LOADS SHOWN ON THE PLANS. WHERE REQUIRED ALLOWABLE LOADS ARE NOT SHOWN, USE THE MAXIMUM RATED STRENGTH OF THE HANGER.
- WHEN CONNECTORS ARE NOT SHOWN, TABLE 2304.9.1 FASTENING SCHEDULE OF THE INTERNATIONAL BUILDING CODE SHALL APPLY.
- WHEN HEADERS ARE NOT SHOWN, TABLE 2308.9.5 AND 2308.9.6 HEADER DESIGN CHART OF THE INTERNATIONAL BUILDING CODE SHALL APPLY. PROVIDE SUPPLEMENTAL STRUCTURAL FRAMING AND BLOCKING AS REQUIRED TO ACHIEVE SOLID AND SOUND STRUCTURAL AND NON-STRUCTURAL ELEMENTS USING ACCEPTED FRAMING PRACTICES.
- MINIMUM WOOD FRAMING MATERIAL SPECIFICATIONS ARE AS FOLLOWS:
 - FRAMING 2-4 INCHES THICK, 2 INCHES AND WIDER, DOUGLAS FIR SOUTH #2 PER 2005 NDS
 - F_b = 850 PSI (SINGLE MEMBER USE)
 - F_t = 525 PSI
 - F_c = 1350 PSI (PARALLEL TO GRAIN)
 - F_c = 520 PSI (PERPENDICULAR TO GRAIN)
 - F_v = 180 PSI
 - E = 1,200,000 PSI
 - LAMINATED VENEER LUMBER (LVL)
 - F_b = 2,600 PSI
 - F_t = 1555 PSI
 - F_c = 2510 PSI (PARALLEL TO GRAIN)
 - F_c = 750 PSI (PERPENDICULAR TO GRAIN)
 - F_v = 285 PSI
 - E = 1,900,000 PSI



Purpose. Driven. Architecture.
618 E. 3rd St.
Tulsa, OK 74103
918.743.2724 (M)
918.743.2725 (F)

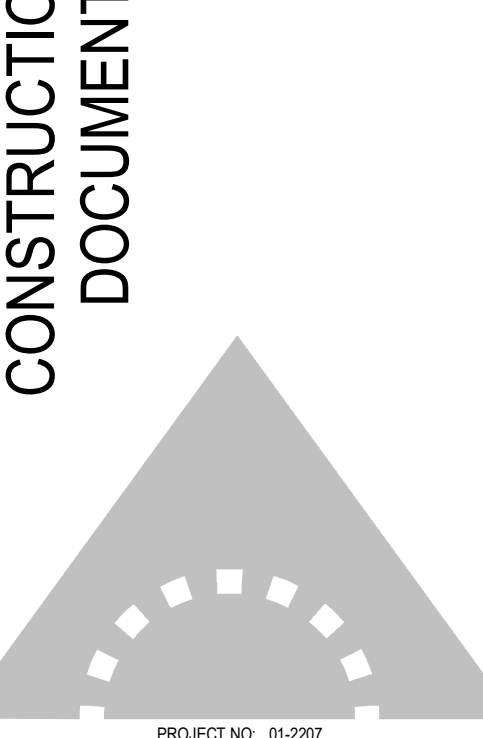
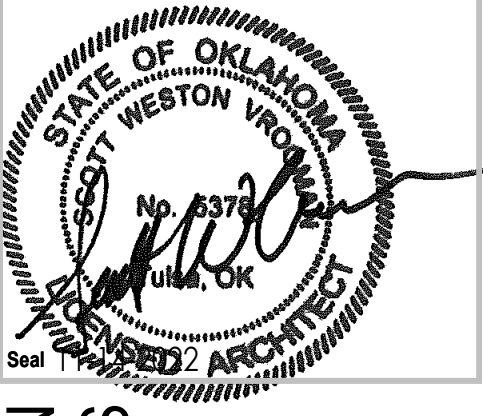
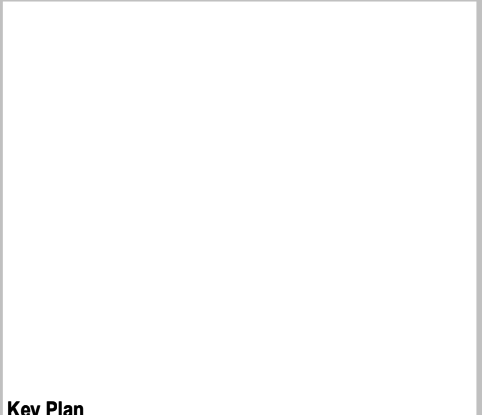
No.	Description	Date

REVISIONS

Consultants

SINGLE FAMILY HOME 4 BEDROOM

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



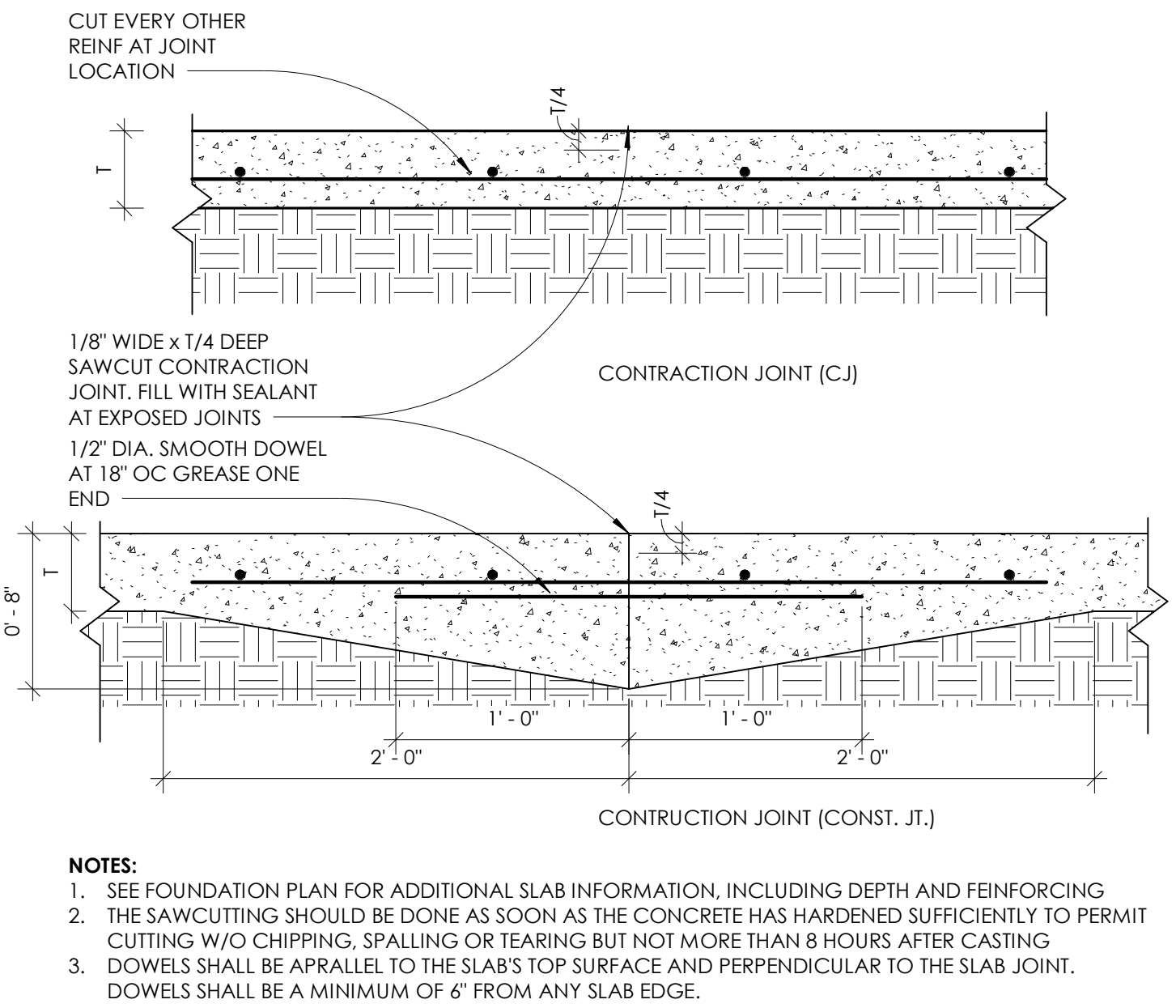
SHEET TITLE: GENERAL NOTES

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

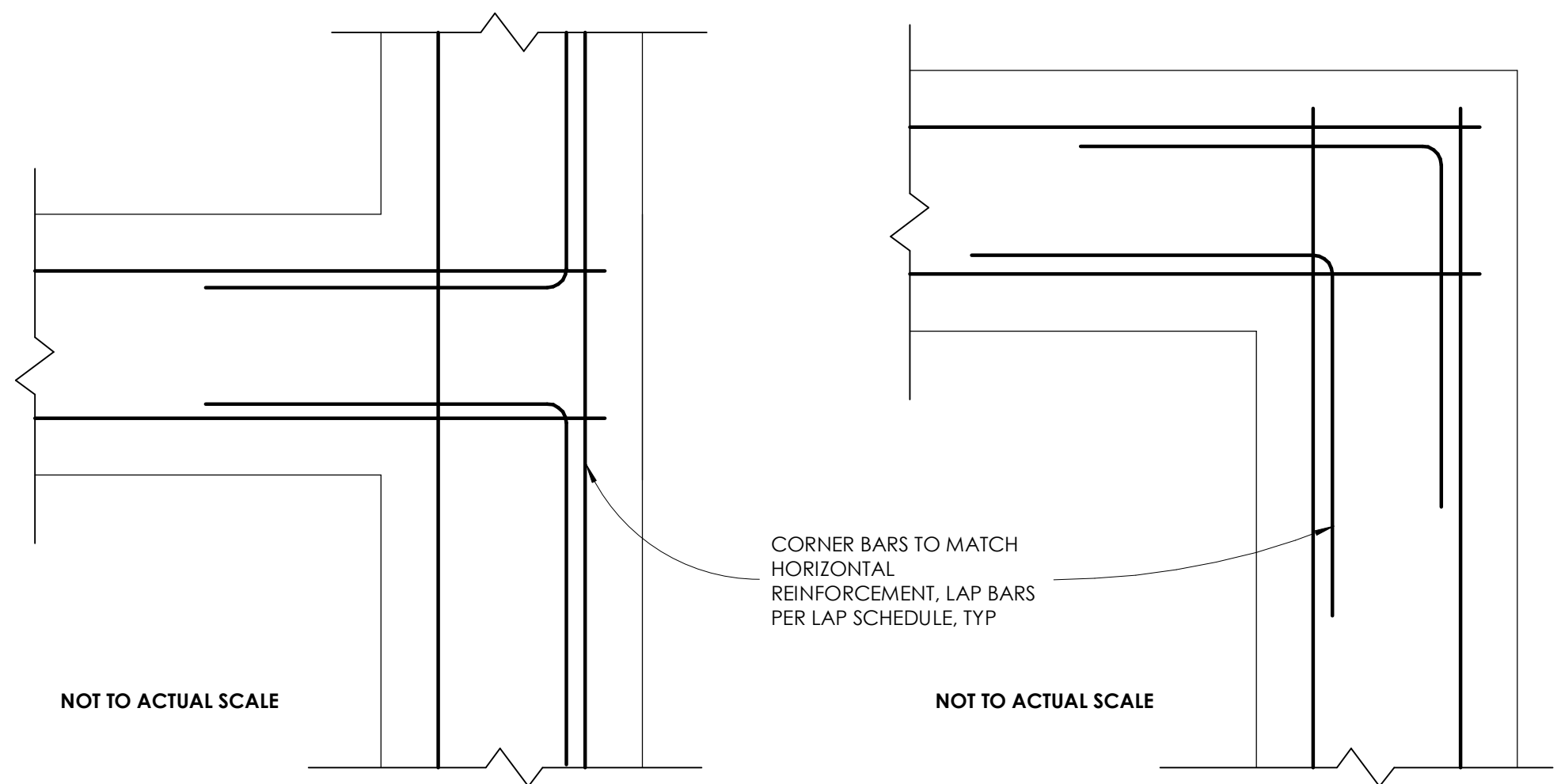
S-001

PROJECT NO: 01-2207

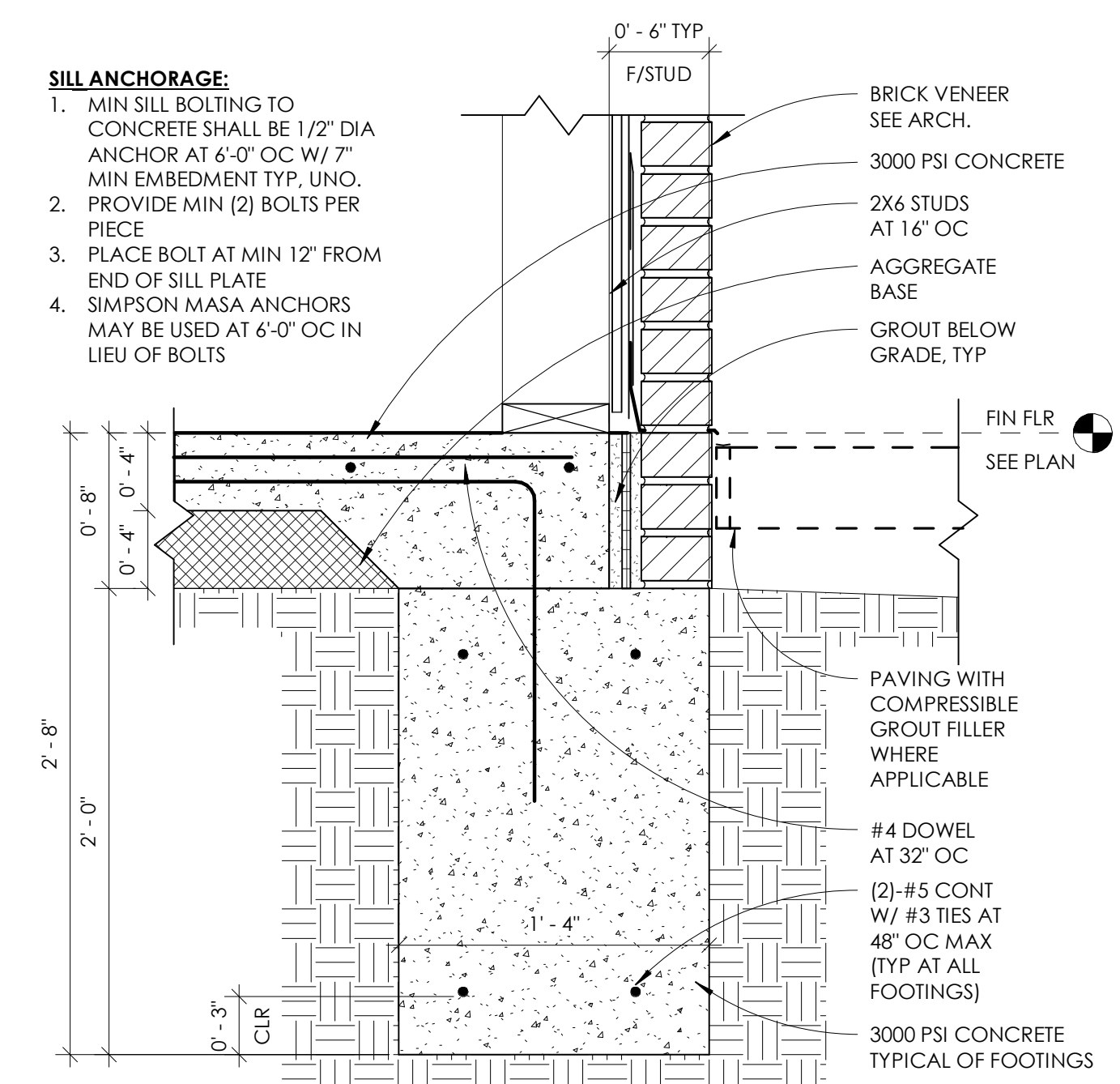
PRINT THIS SHEET FULL SIZE AT 24" X 36"



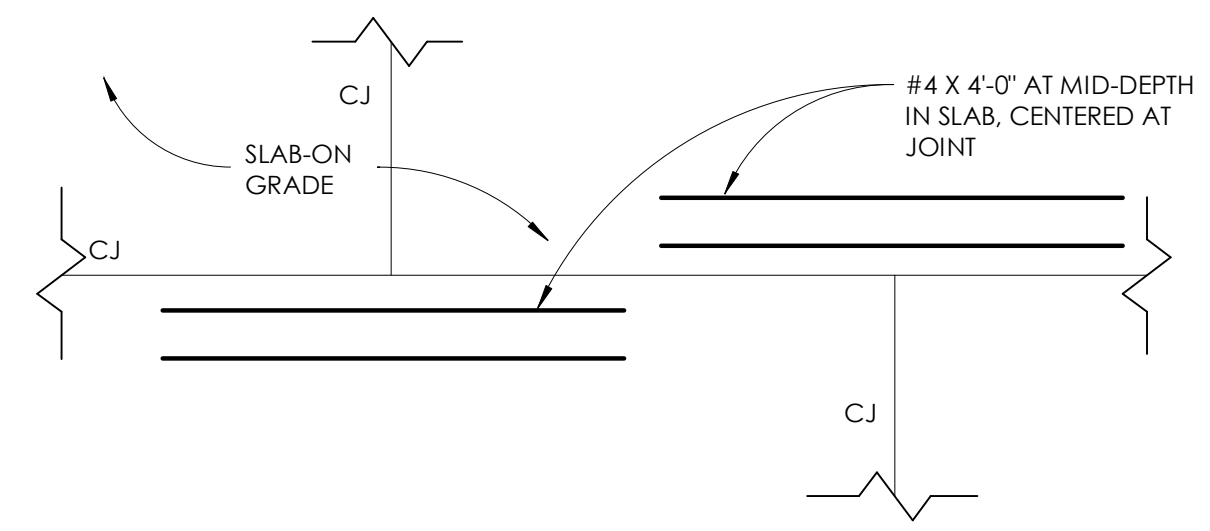
4 JOINT DETAILS
1 1/2" = 1'-0"



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

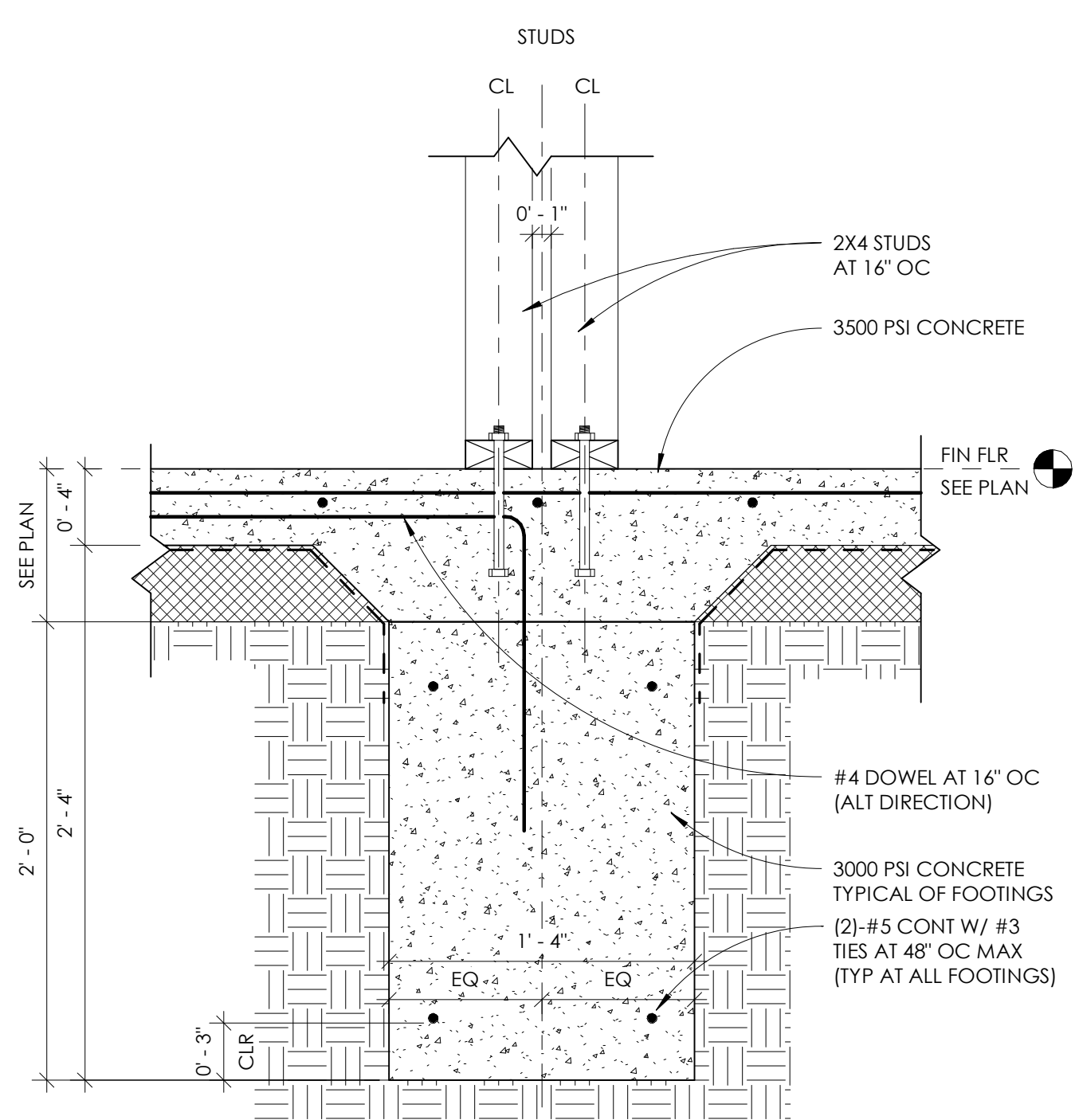


2 TYPICAL PERIMETER FOOTING DETAIL
1 1/2" = 1'-0"

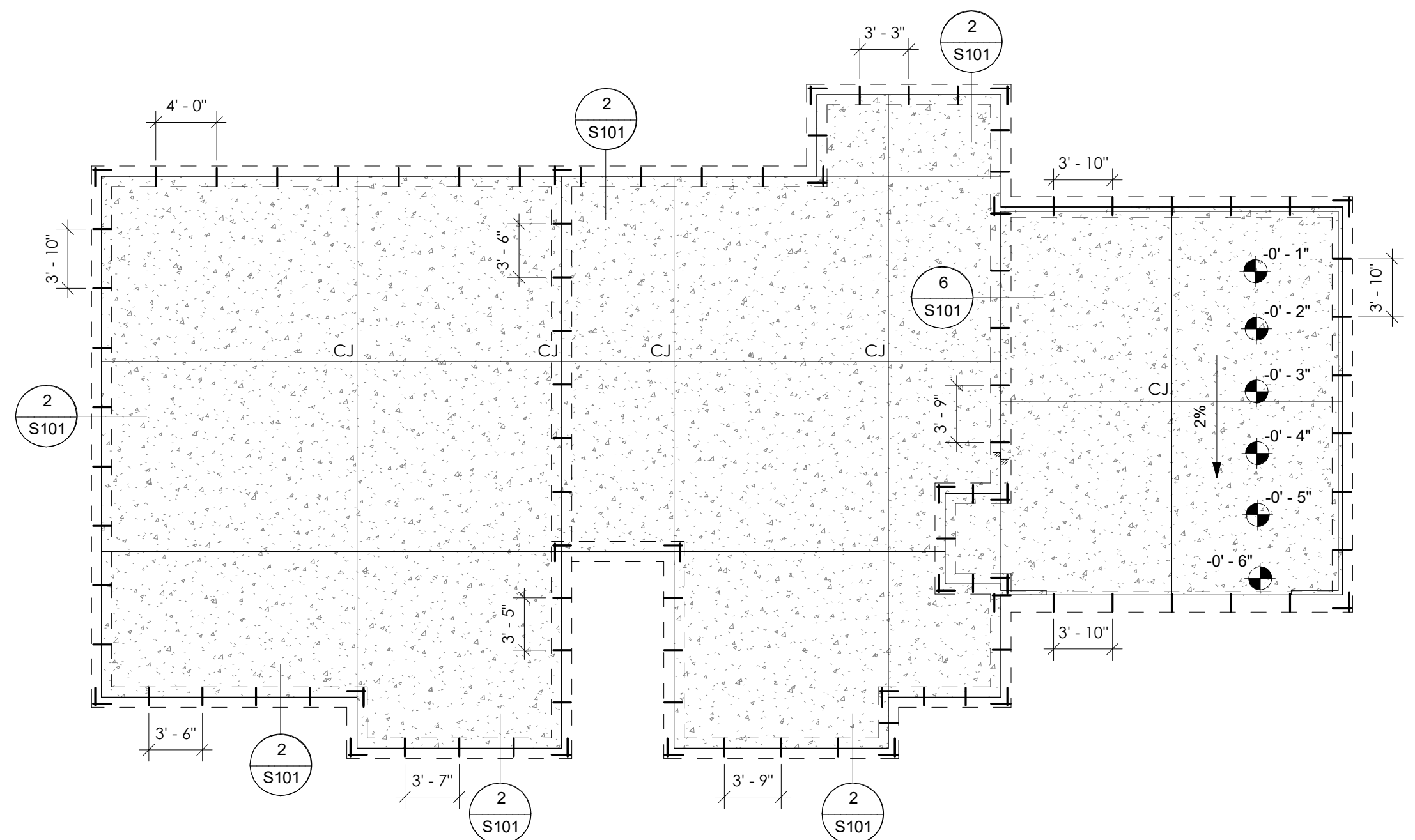


5 REINFORCING AT SLAB JOINT
1 1/2" = 1'-0"

- FOUNDATION PLAN NOTES:**
- RE: SHEET 3001 FOR GENERAL NOTES
 - RE: ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. COORDINATE SLAB ELEVATIONS AND SLOPES WITH ARCHITECTURAL PLANS
 - RE: MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS
 - CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION FOR THE SLAB AREA. SLAB SUBGRADE SHALL NOT BE ALLOWED TO RETAIN WATER DURING CONSTRUCTION
 - FINISH FLOOR REFERENCE ELEVATION = 100'-0". TYPICAL FLOOR SLAB SHALL BE 4" THICK CONCRETE SLAB-ON-GRADE REINFORCED WITH #4 AT 16" OC EACH WAY OVER 15 MIL MINIMUM VAPOR BARRIER OVER 4" GRANULAR BASE COURSE OVER PROPERLY PREPARED SUBGRADE PER THE GEOTECHNICAL REPORT
 - CENTER FOOTING BENEATH COLUMN AND LOAD BEARING WALLS SHOWN
 - CONTROLS JOINTS SHOULD NOT BE SPACED MORE THAN 15'-0" OC, AND THE PANELS SO FORMED BY THE CONTROL JOINTS SHOULD NOT EXCEED A LENGTH TO WIDTH RATIO OF 1.5
 - WALLS SHOWN ARE LOAD BEARING WALLS AND SHEAR WALLS STUDS ARE TO BE 2X6 AT 16" OC DOUGLAS FIR SOUTH NO. 2, UNO. RE: ARCH FOR STUD WALL LOCATIONS
 - T.O. FIG = 99'-4" UNO



6 TYPICAL INTERIOR DIVIDING WALL FOOTING DETAIL
1 1/2" = 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 INSTITUTES 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

TriArch
Purpose. Driven. Architecture.

618 E. 3rd St.
Tulsa, OK 74103
918.743.2724 (M)
918.743.2725 (F)

No.	Description	Date

REVISIONS

Consultants

SINGLE FAMILY HOME
4 BEDROOM

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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

Key Plan

STATE OF OKLAHOMA
WESTON WOODS
No. 6370
Tulsa, OK
REGISTERED ARCHITECT

CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

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

DRAWN BY: Author

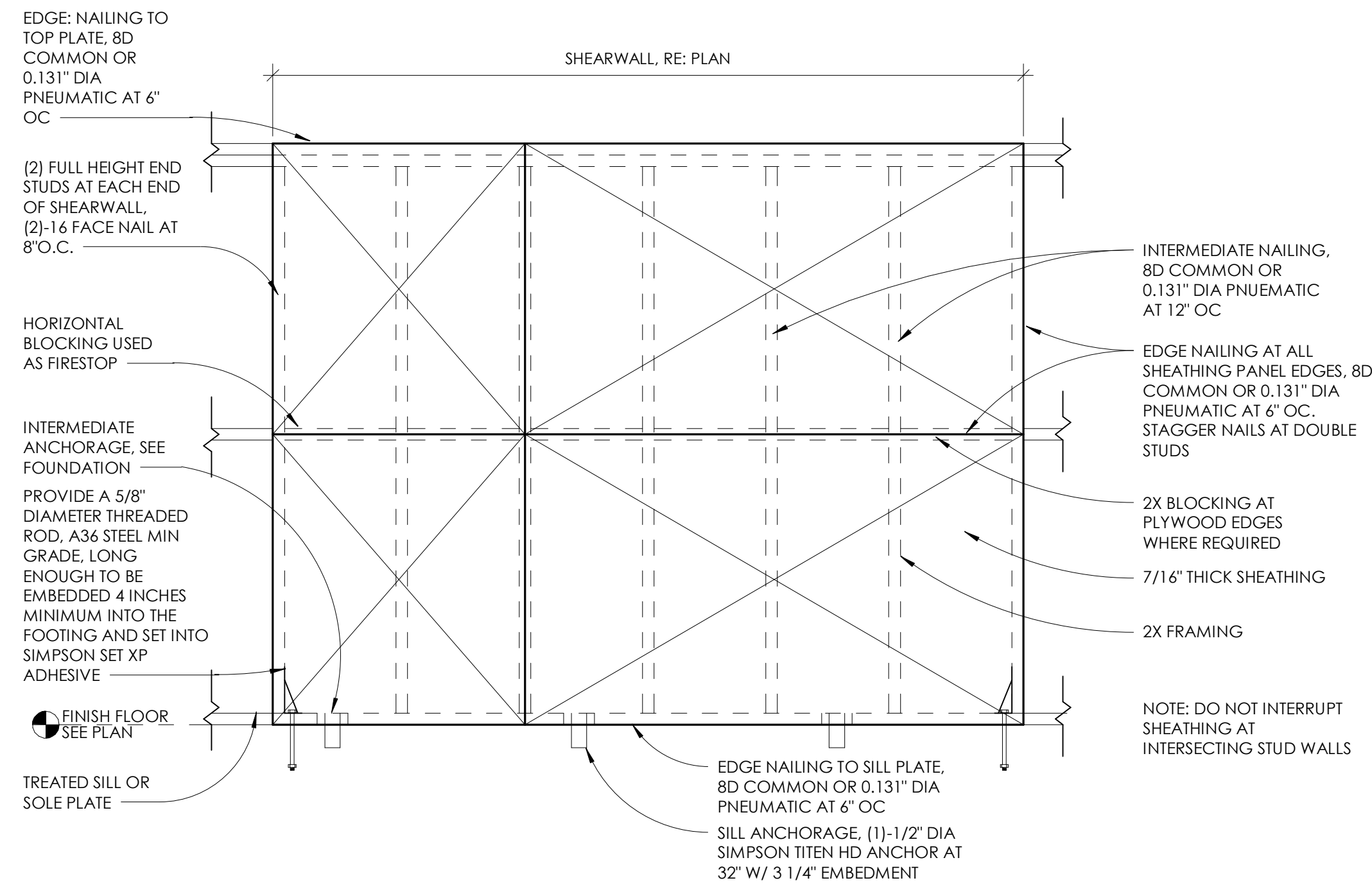
CHECKED BY: Checker

ISSUE DATE: 2-14-2022

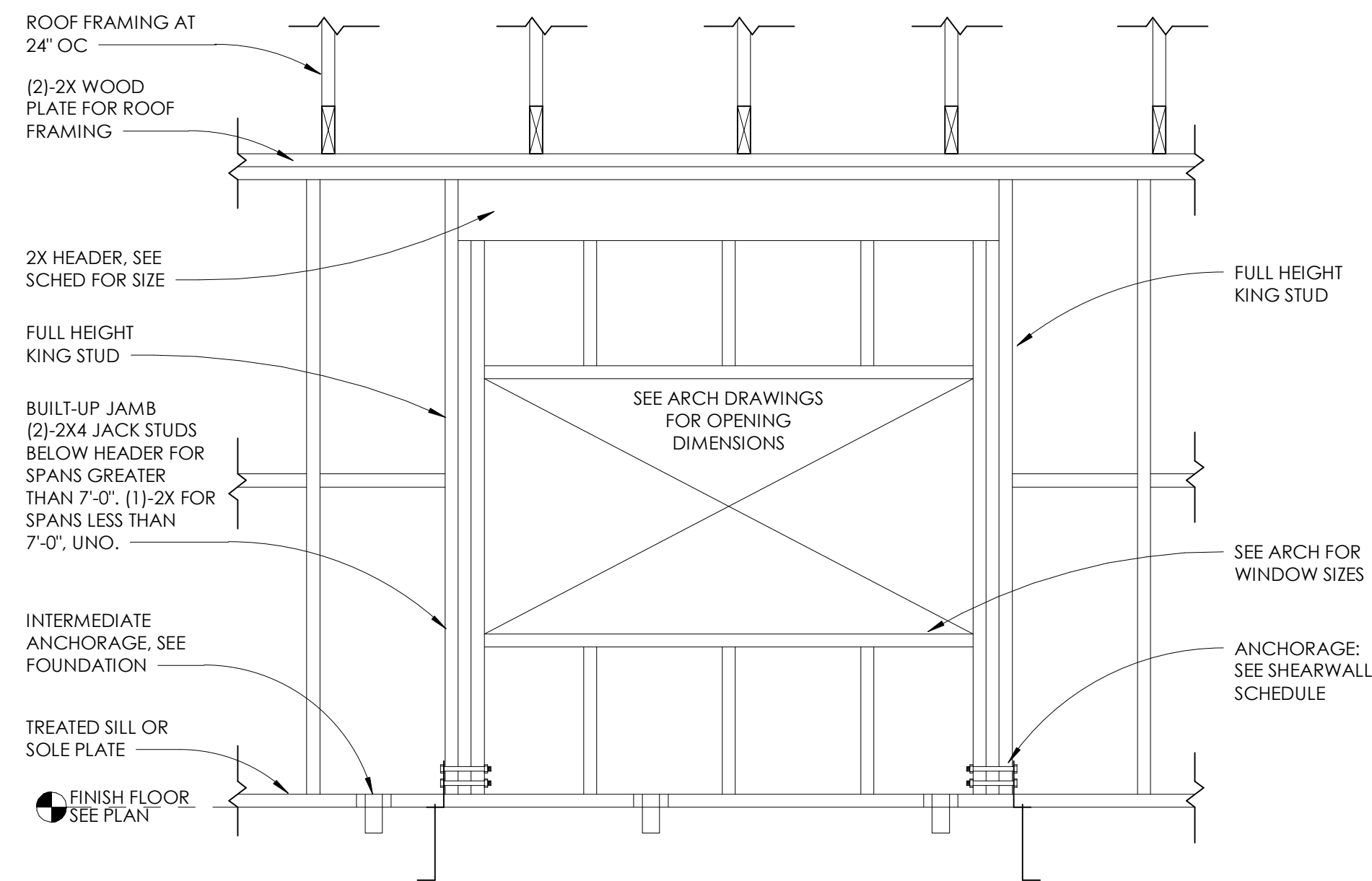
S-101

BRICK LINTEL SCHEDULE			
TYPE	CLEAR SPANS (S)	ANGLE SIZE	BEARING (EACH END)
A	5 ≤ 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"

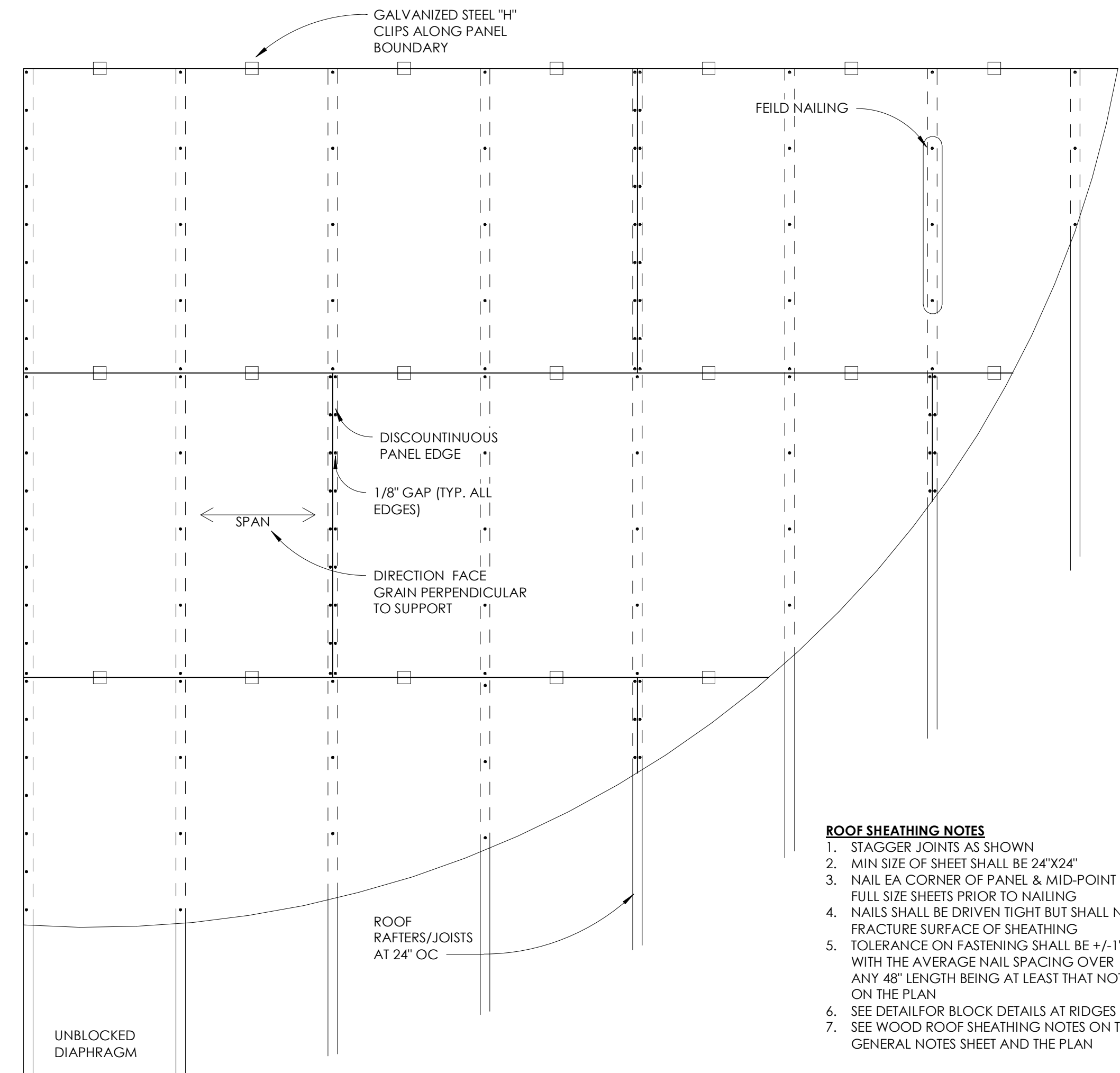
E BRICK LINTEL SCHEDULE - B
3/4" = 1'-0"



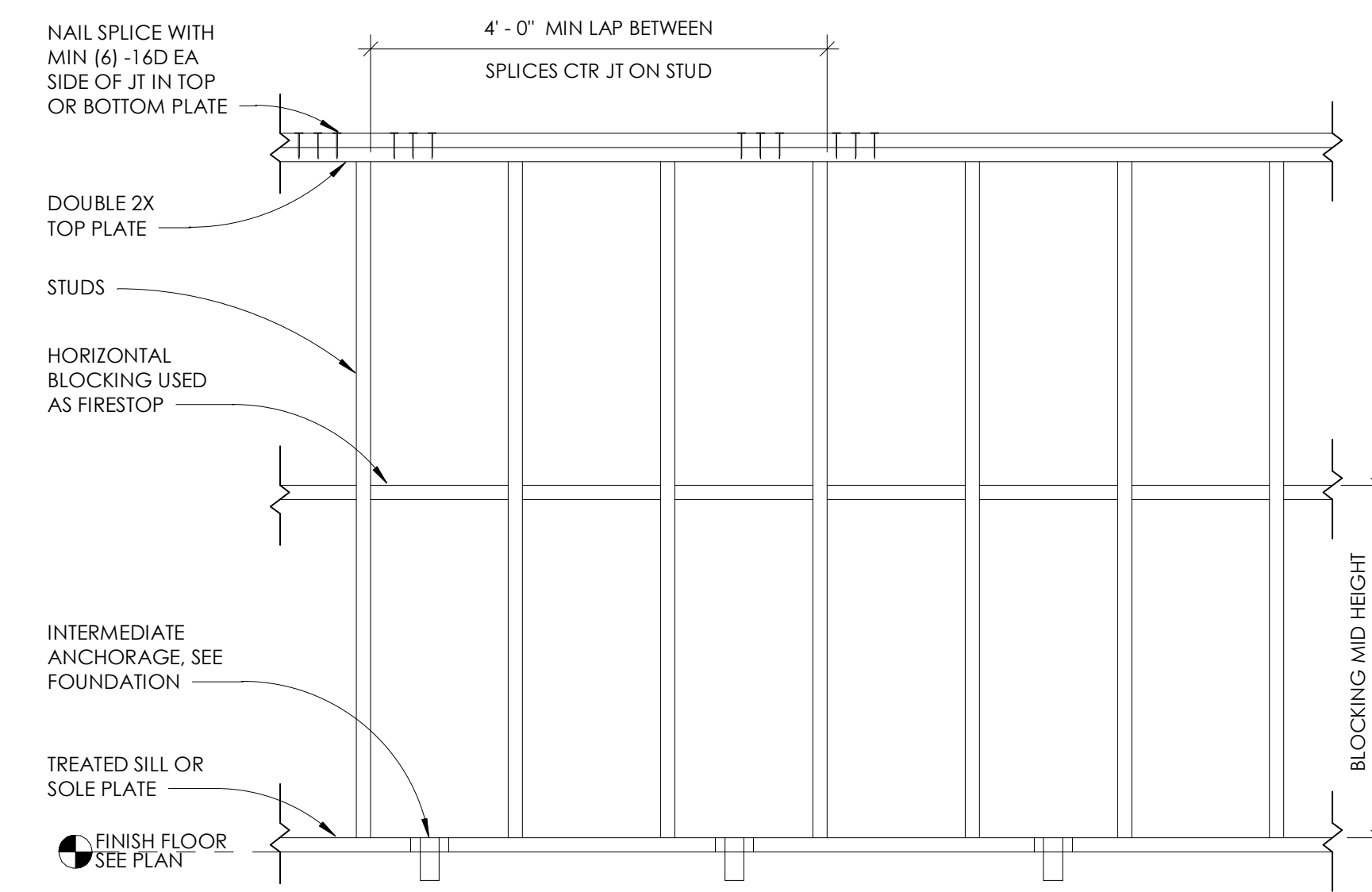
D SHEARWALL CONSTRUCTION AND SCHEDULE - B
3/4" = 1'-0"



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"

No.	Description	Date

REVISIONS

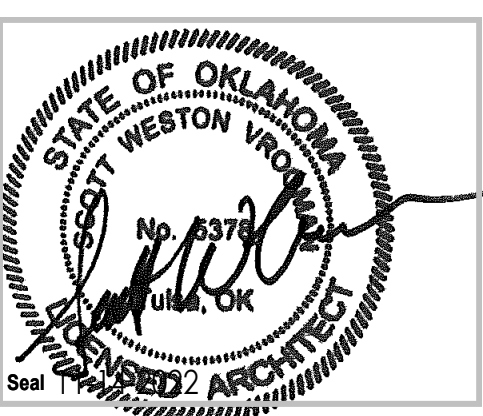
Consultants

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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

Key Plan



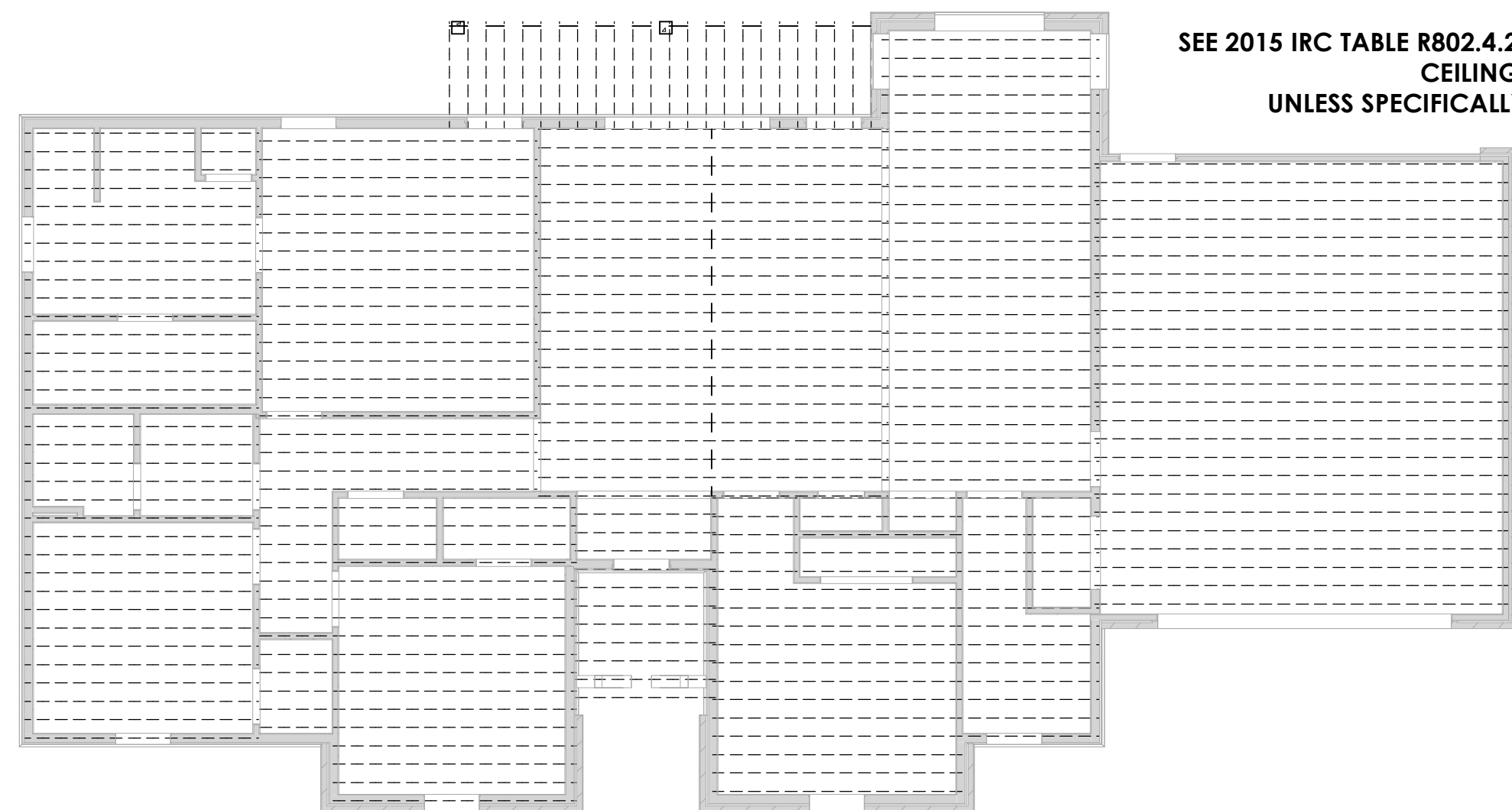
CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

SHEET TITLE: **FRAMING DETAILS**

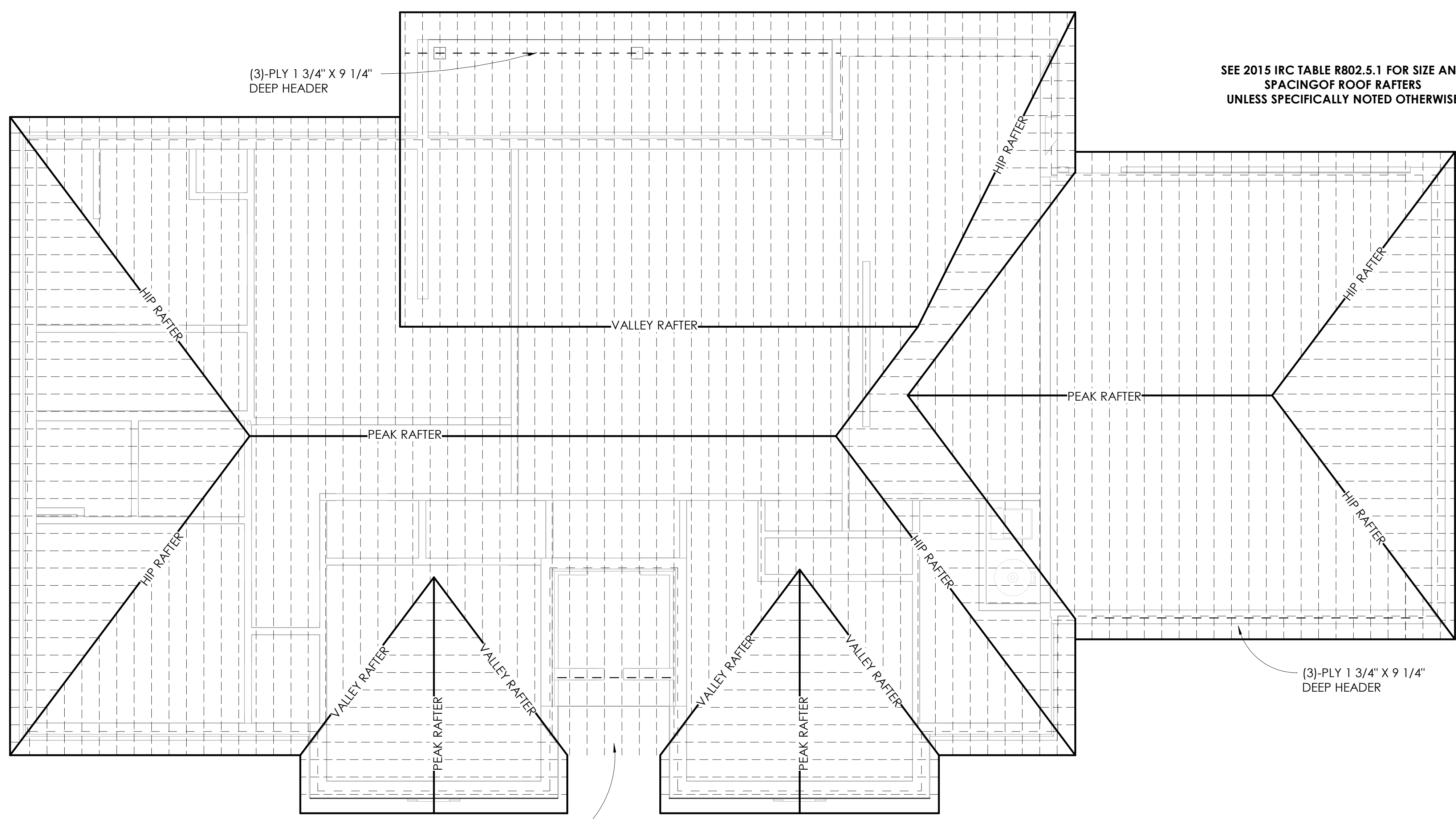
DRAWN BY: Author
CHECKED BY: Checker
ISSUE DATE: 2-14-2022

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
1/8" = 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"

(3)-PLY 1 3/4" X 9 1/4" DEEP HEADER



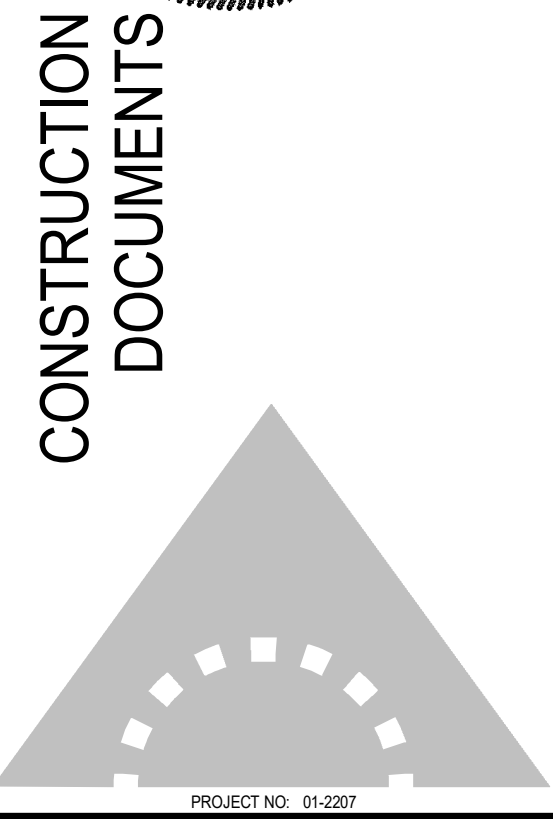
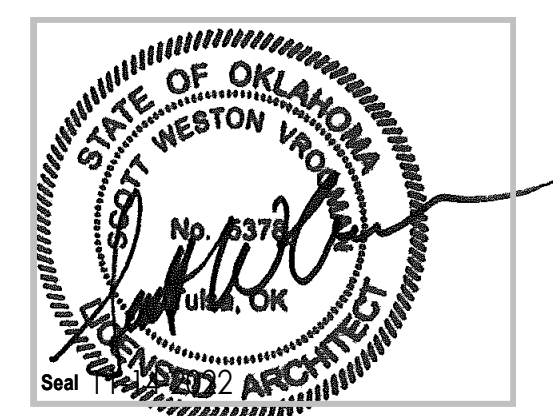
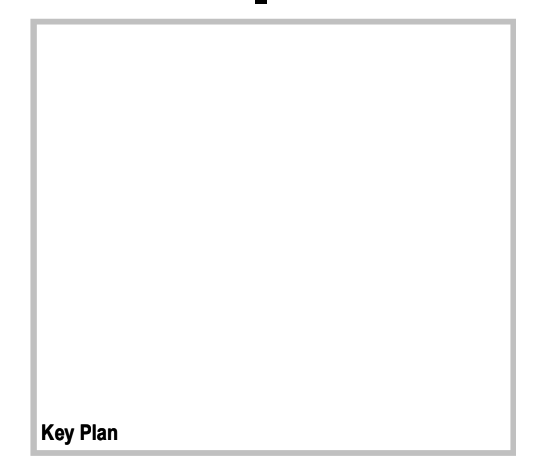
No.	Description	Date

REVISIONS

Consultants

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION
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

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

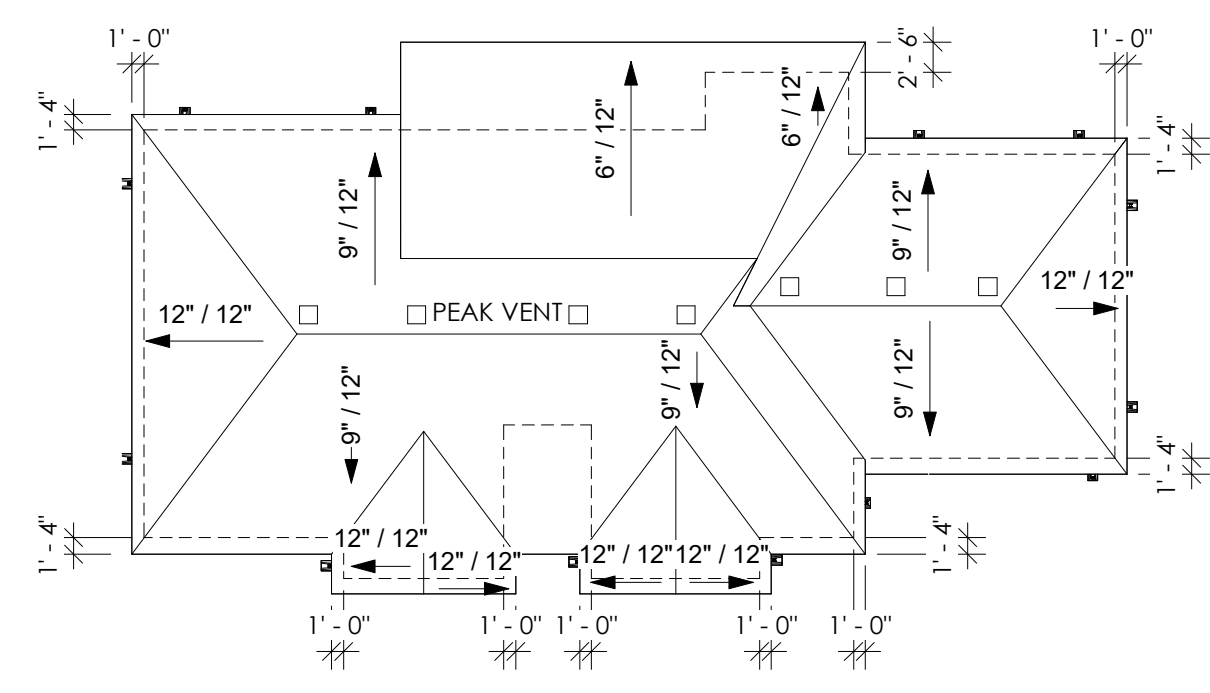
10
9
8
7
6
5
4
3
2
1
0

28/02/21 11:22:25 AM
PRINT THIS SHEET FULL SIZE AT 24" X 36"

No.	Description	Date

REVISIONS

Consultants



2 ROOF PLAN - B
1/16" = 1'-0"

INTERIOR PARTITIONS

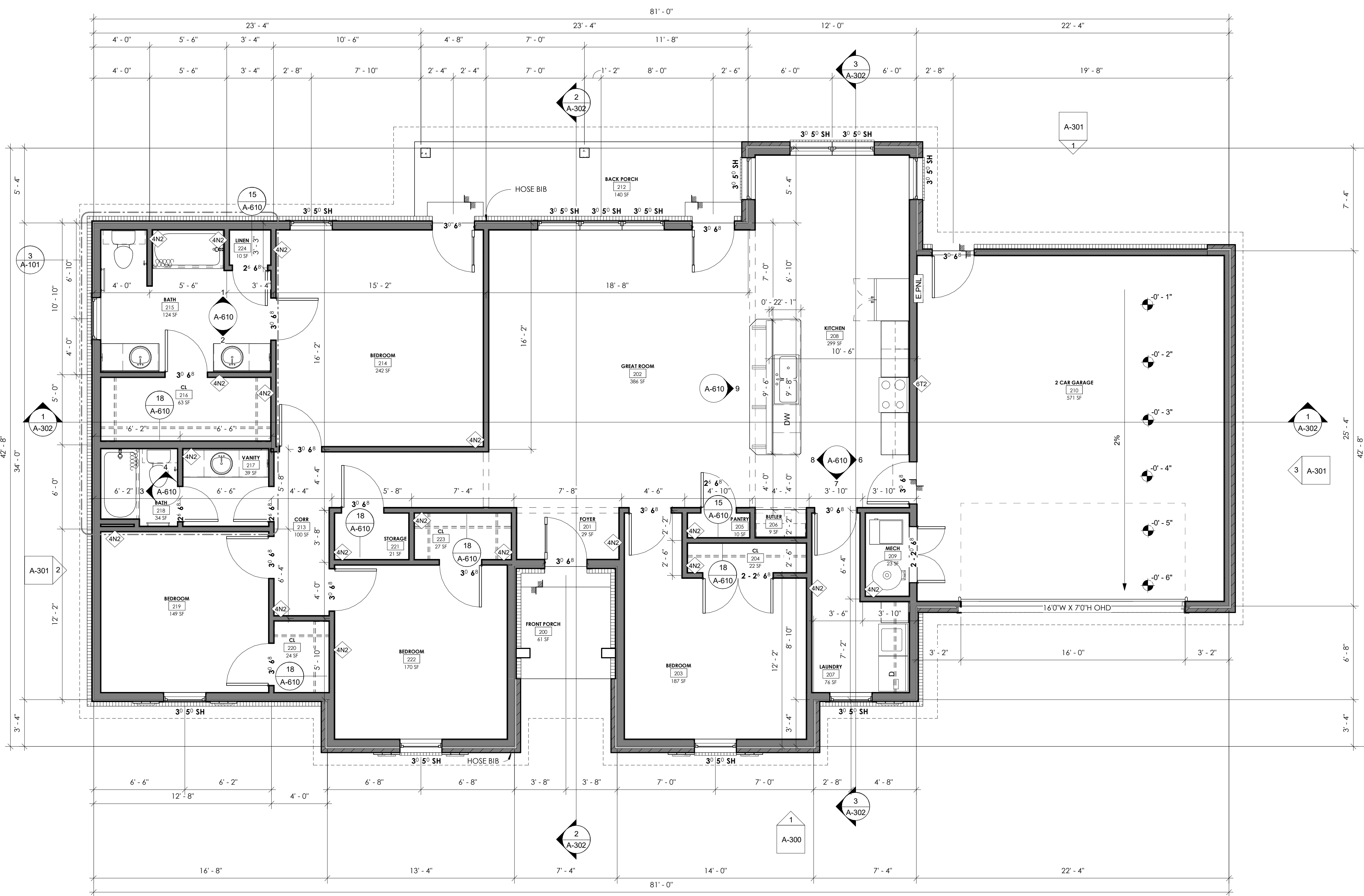
A. WALL CORE WIDTH
4. 2x4 WOOD STUDS
6. 2x6 WOOD STUDS

B. INSULATION TYPE
A. ACOUSTICAL
T. THERMAL
N. NONE

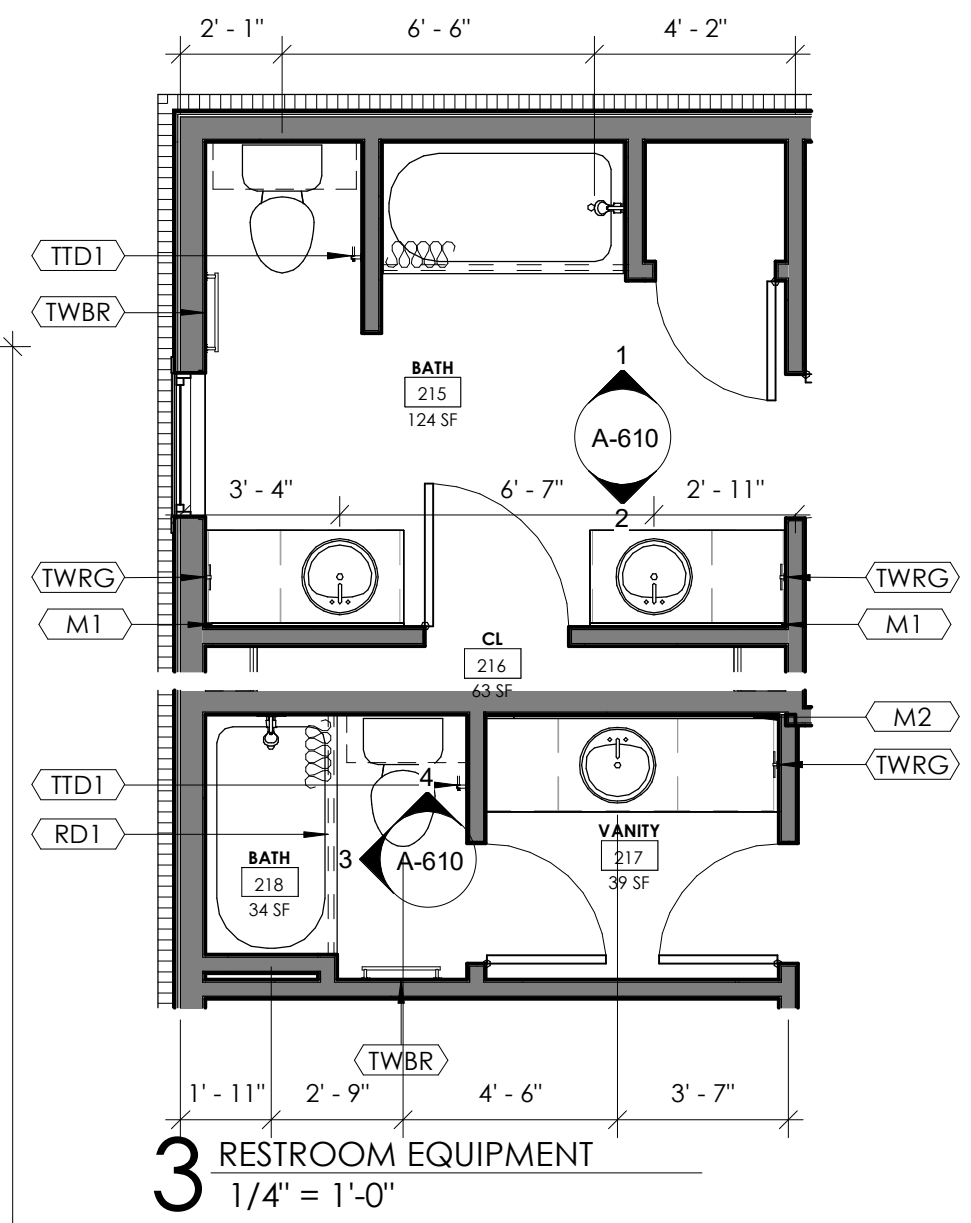
I. CODERATING

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

GENERAL INTERIOR WALL CONSTRUCTION NOTES
1. 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.
2. INSTALL MOLD & MOISTURE RESISTANT GYP BD NO LESS THAN 4'-0" FROM ALL PLUMBING FIXTURES, UNLESS BEHIND TILE.
3. INSTALL CEMENTITIOUS TILE BACKER BOARD BEHIND ALL TILE.
4. 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.
5. REF. WALL SECTIONS & DETAILS FOR EXTERIOR WALL CONSTRUCTION



1 FLOOR PLAN - B (ALL DIMENSIONS ROUNDED TO THE NEAREST WHOLE INCH)
1/4" = 1'-0"



3 RESTROOM EQUIPMENT
1/4" = 1'-0"

ROOM SCHEDULE - RESIDENCE 4

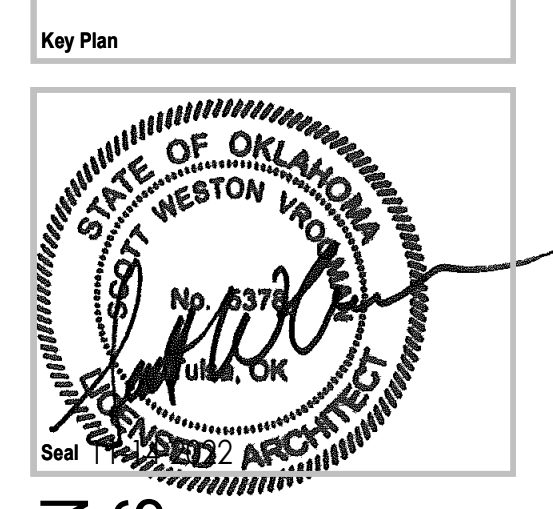
#	Name	Area
EXTERIOR (COVERED)		
212	BACK PORCH	140 SF
200	FRONT PORCH	61 SF
LIVING		
215	BATH	124 SF
218	BATH	34 SF
203	BEDROOM	187 SF
214	BEDROOM	242 SF
219	BEDROOM	149 SF
222	BEDROOM	170 SF
206	BUTLER	9 SF
204	CL	22 SF
216	CL	63 SF
220	CL	24 SF
223	CL	27 SF
213	CORR	100 SF
201	FOYER	29 SF
202	GREAT ROOM	386 SF
208	KITCHEN	299 SF
207	LAUNDRY	76 SF
205	PANTRY	10 SF
221	STORAGE	21 SF
217	VANITY	39 SF
UNCONDITIONED		
210	2 CAR GARAGE	571 SF
209	MECH	23 SF

HOME TYPE / BED - BATH - CAR GARAGE - UNLIVABLE / ENCLOSED - EXTERIOR
SINGL FAMI / 4 BR - 2 BATH - 2 CAR G - 2097/2445 SF + 1196 EX

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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



CONSTRUCTION
DOCUMENTS

SHEET TITLE: FLOOR PLAN & ROOF PLAN

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






A-101

This document and the ideas and designs incorporated herein are an instrument of professional service in the practice of architecture and are to be retained by the architect. No part of this document, without the written authorization of TriArch, may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system.

No.	Description	Date

REVISIONS

Consultants

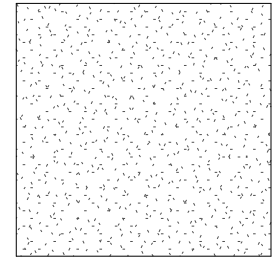
SW	POWER SWITCH		CEILING FAN WITH LIGHT KIT
3SW	3 WAY POWER SWITCH		DOMESTIC LIGHT
4SW	4 WAY POWER SWITCH		CEILING LIGHT
HVL	POWER SWITCH FOR BATHROOM HEAT, VENT, LIGHT		HEAT, VENT, & LIGHT
DO	DUPLEX OUTLET		SECURITY FLOOD LIGHTS
GFCI	GROUND FAULT CIRCUIT INTERRUPT OUTLET		
CO	COUNTER HEIGHT OUTLET		
QO	QUAD OUTLET		
E.P.N.L.	RECESSED ELECTRICAL PANEL		

REFER TO ELECTRICAL DRAWINGS FOR POWER LIGHTING AND SWITCHING LAYOUT

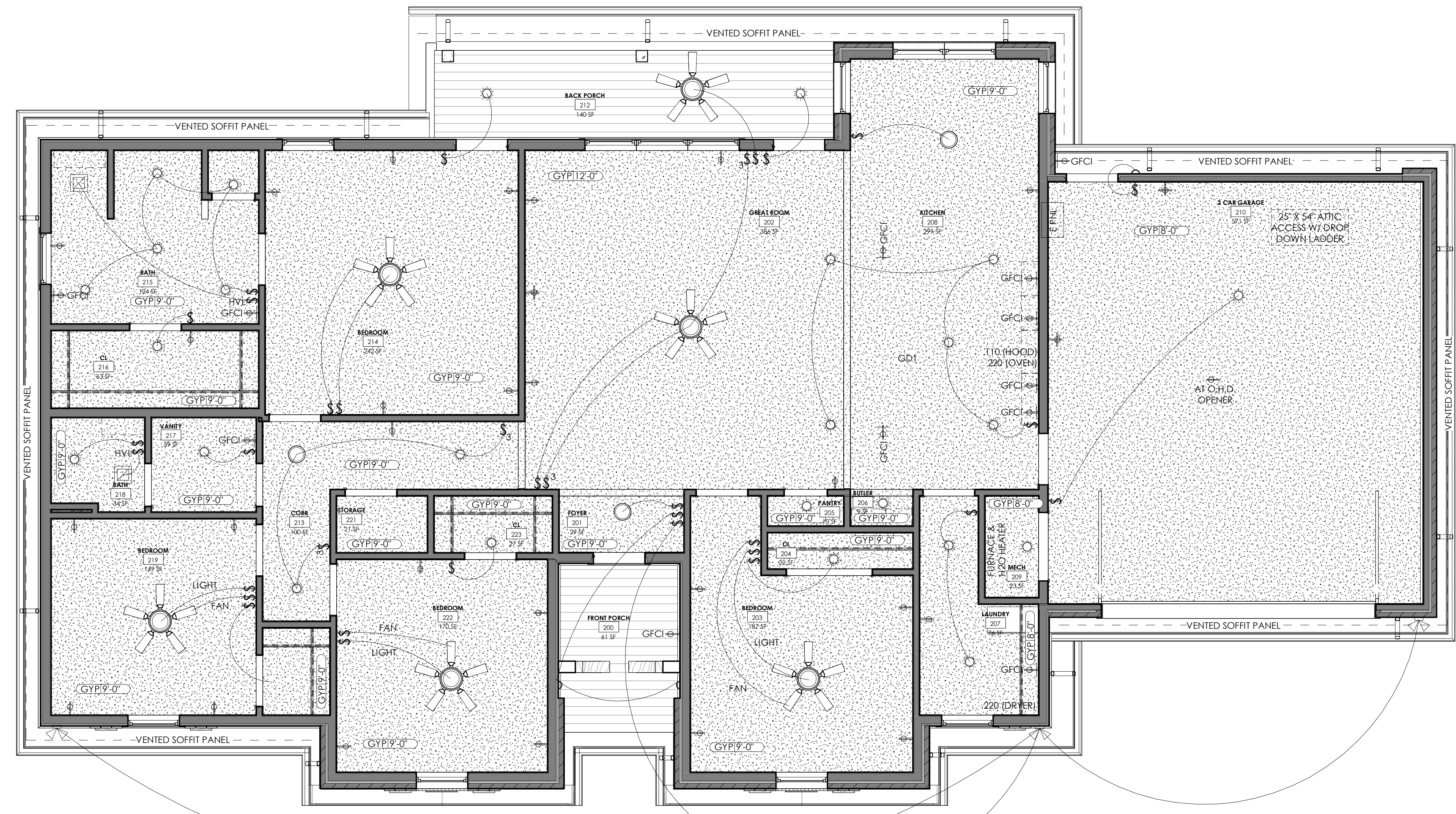
GENERAL ELECTRICAL NOTES:

- 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 WITHIN 4' - 0" OF ANY PLUMBING FIXTURE OR WET LOCATION, INCLUDING BATHROOMS, KITCHEN, GARAGE AND EXTERIOR
 - UNLESS NOTED OTHERWISE, INCLUDE ELECTRICAL OUTLETS AT THE FOLLOWING 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



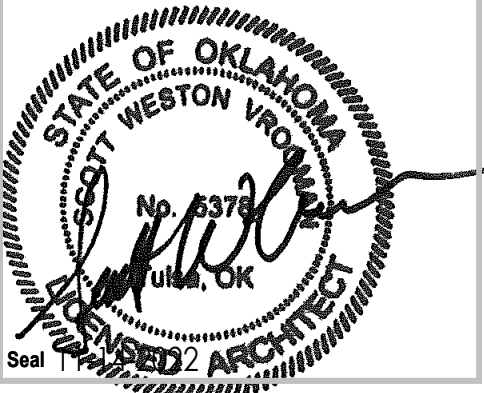
GYP
GYPSUM BOARD
CEILING
PAINT P1



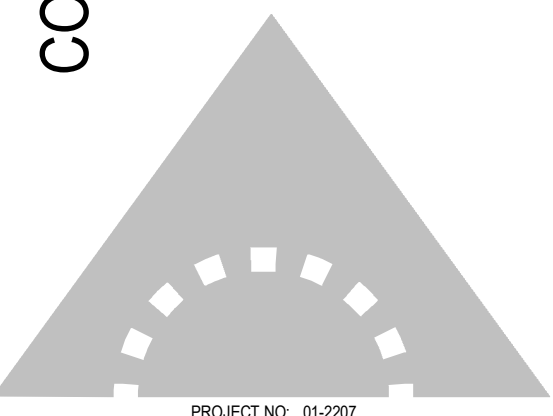
SINGLE FAMILY HOME 4 BEDROOM

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

Key Plan



CONSTRUCTION DOCUMENTS



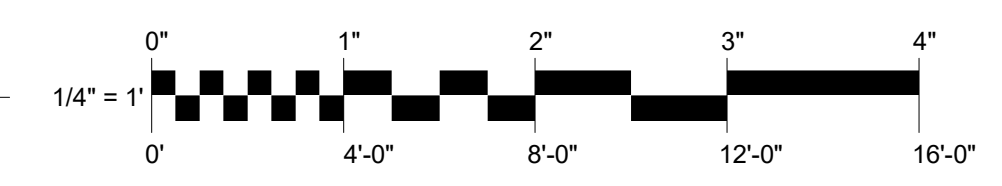
PROJECT NO. 01-2207

SHEET TITLE: REFLECTED
CEILING PLAN

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

A-130

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

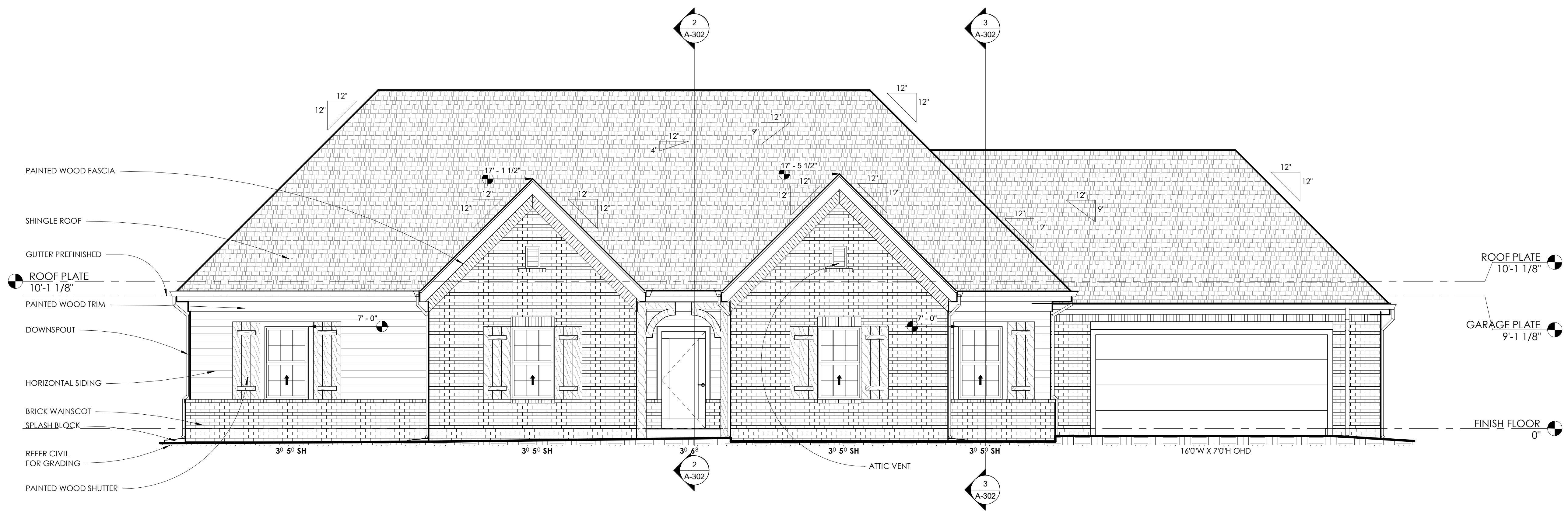


O N M L K J I H G F E D C B A

No.	Description	Date

REVISIONS

Consultants



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

SINGLE FAMILY HOME
4 BEDROOM

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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

Key Plan



CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

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

SHEET TITLE: EXTERIOR ELEVATIONS - FRONT

DRAWN BY: Author

CHECKED BY: Checker

ISSUE DATE: 2-14-2022

A-300

No.	Description	Date

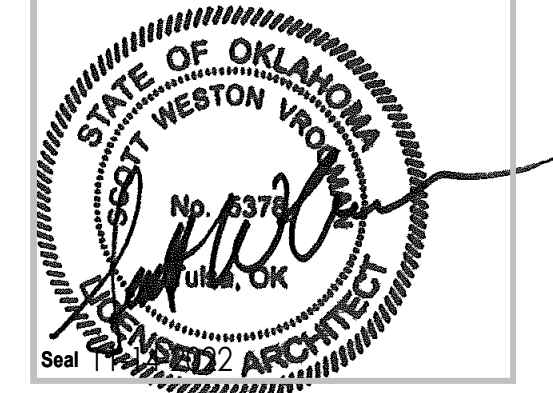
REVISIONS

Consultants

SINGLE FAMILY HOME 4 BEDROOM

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

Key Plan

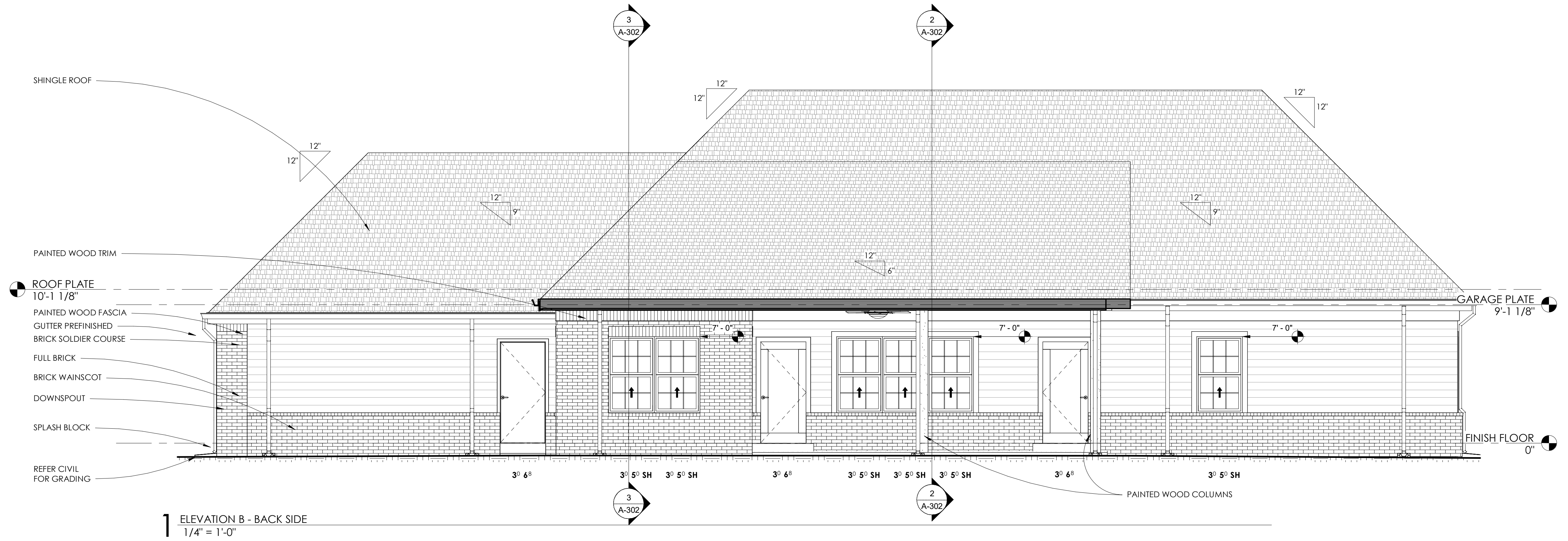


CONSTRUCTION DOCUMENTS

PROJECT NO: 01-2207

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

A-301



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.

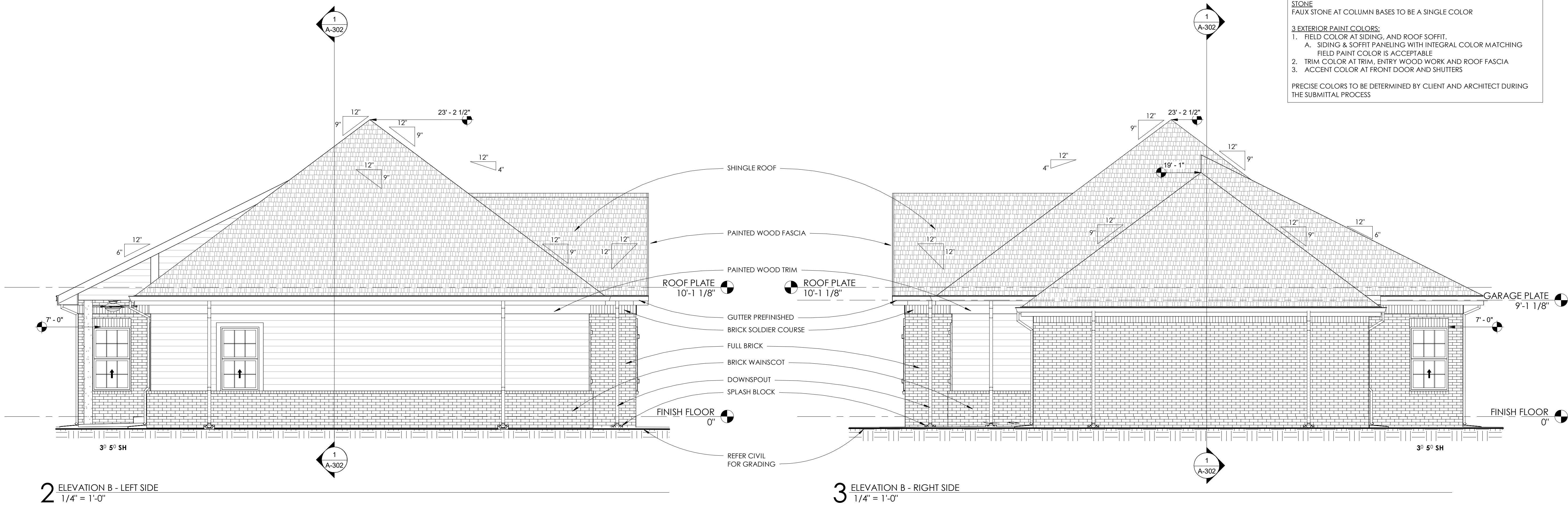
BRICK
ALL BRICK, TO BE 3 COLOR FAMILY BLEND

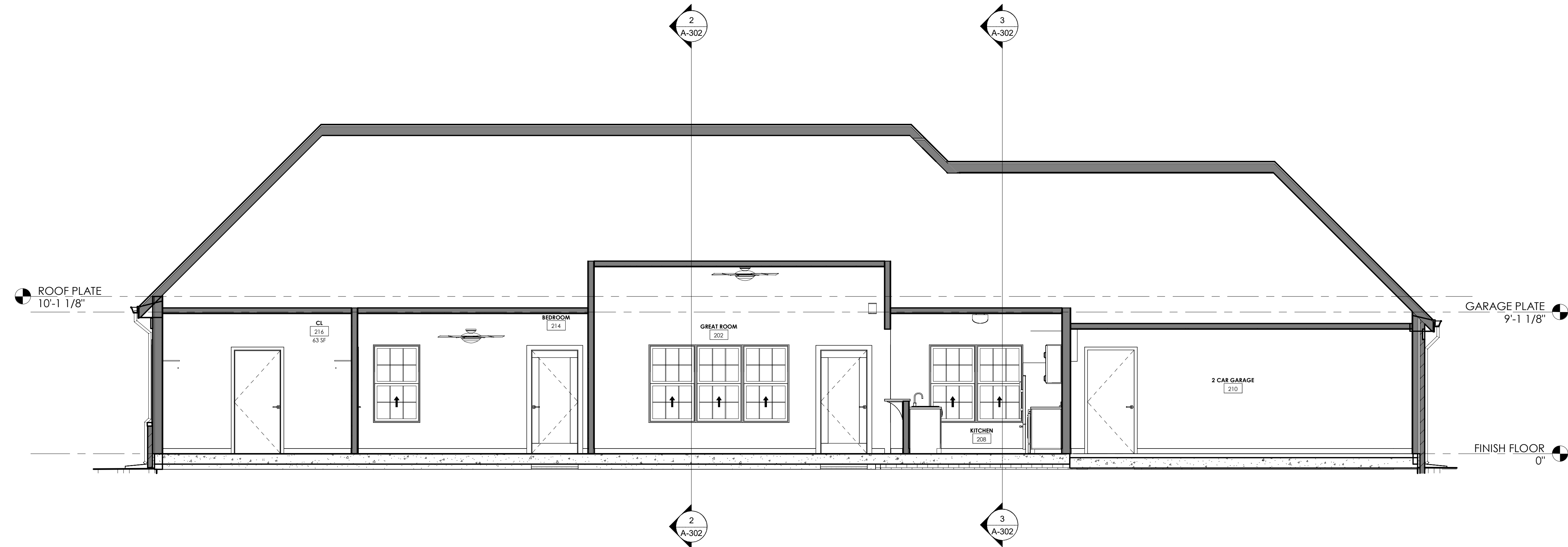
STONE
FAUX STONE AT COLUMN BASES TO BE A SINGLE COLOR

3 EXTERIOR PAINT COLORS:

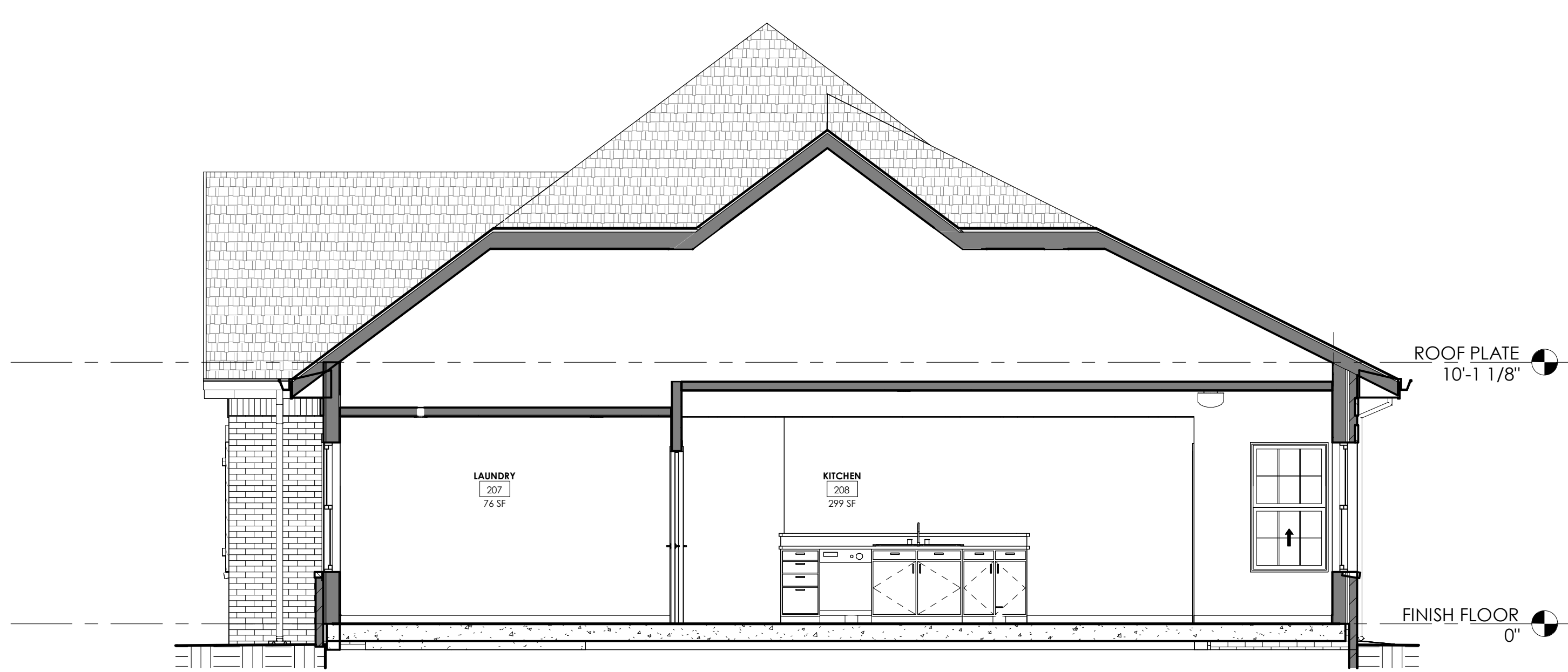
- FIELD COLOR AT SIDING, AND ROOF SOFFIT.
 - A. SIDING & SOFFIT PANELING WITH INTEGRAL COLOR MATCHING
 - FIELD PAINT COLOR IS ACCEPTABLE
- TRIM COLOR AT TRIM, ENTRY WOOD WORK AND ROOF FASCIA
- ACCENT COLOR AT FRONT DOOR AND SHUTTERS

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

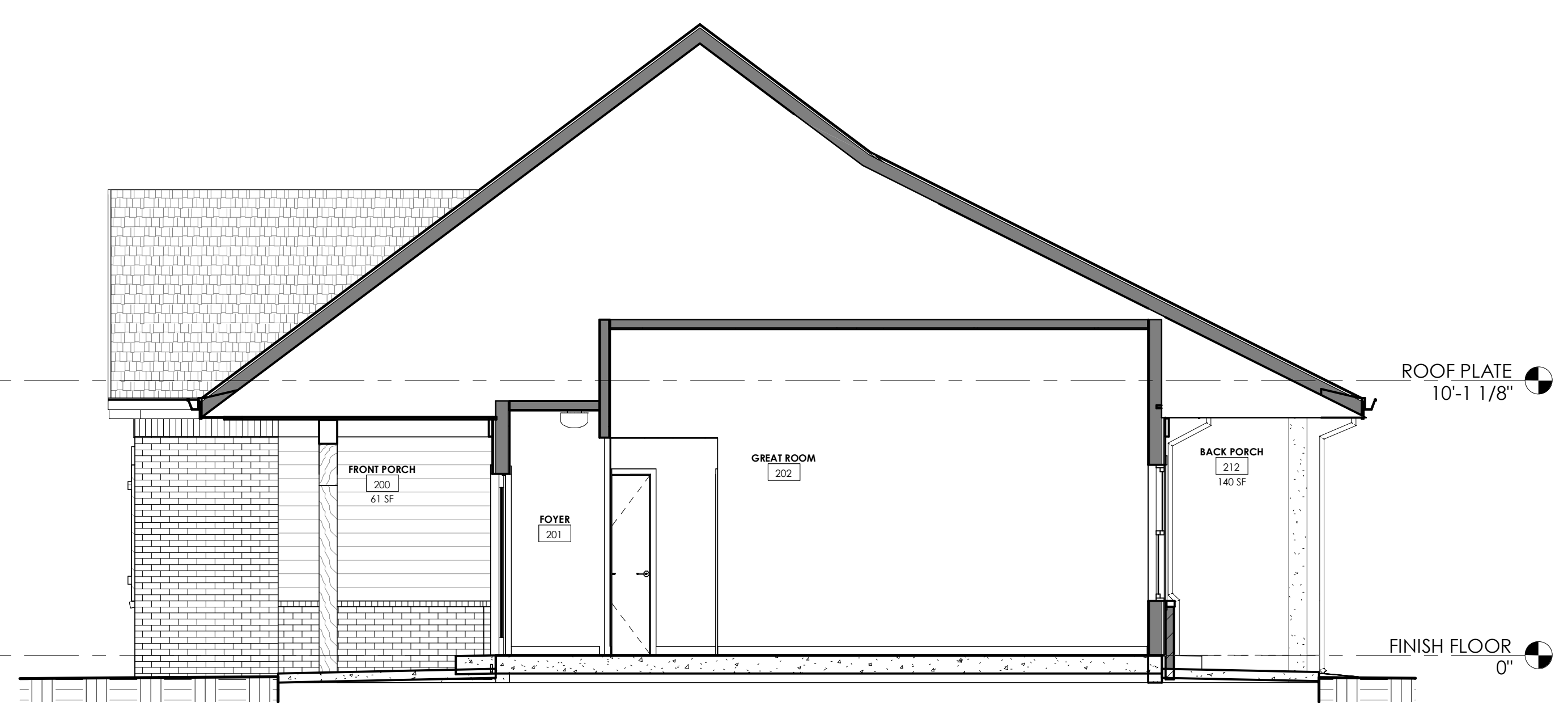




1 LONG BUILDING SECTION B
1/4" = 1'-0"



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

TriArch
Purpose. Driven. Architecture.
618 E. 3rd St.
Tulsa, OK 74103
918.743.2724 (M)
918.743.2725 (F)

No.	Description	Date

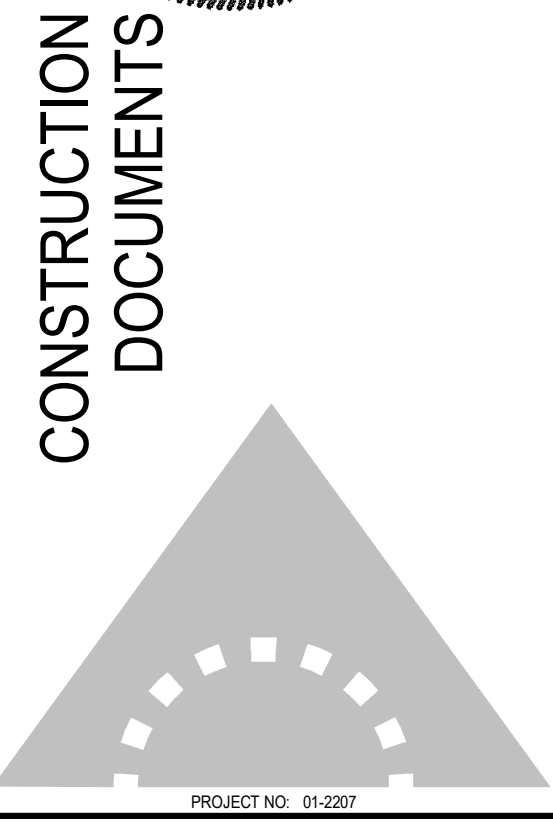
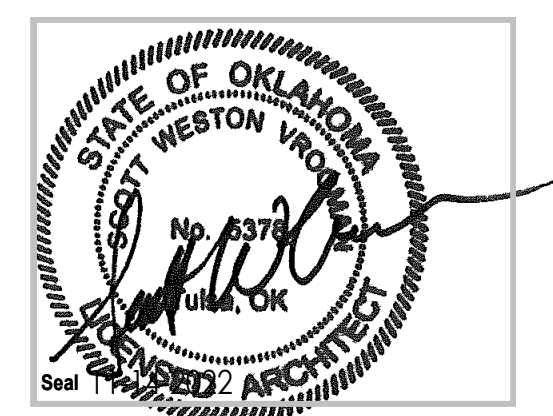
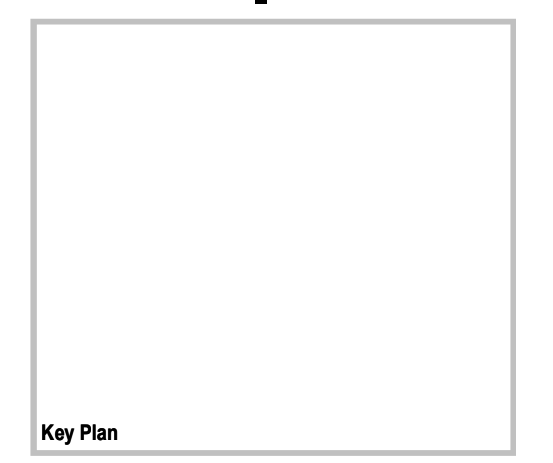
REVISIONS

Consultants

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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

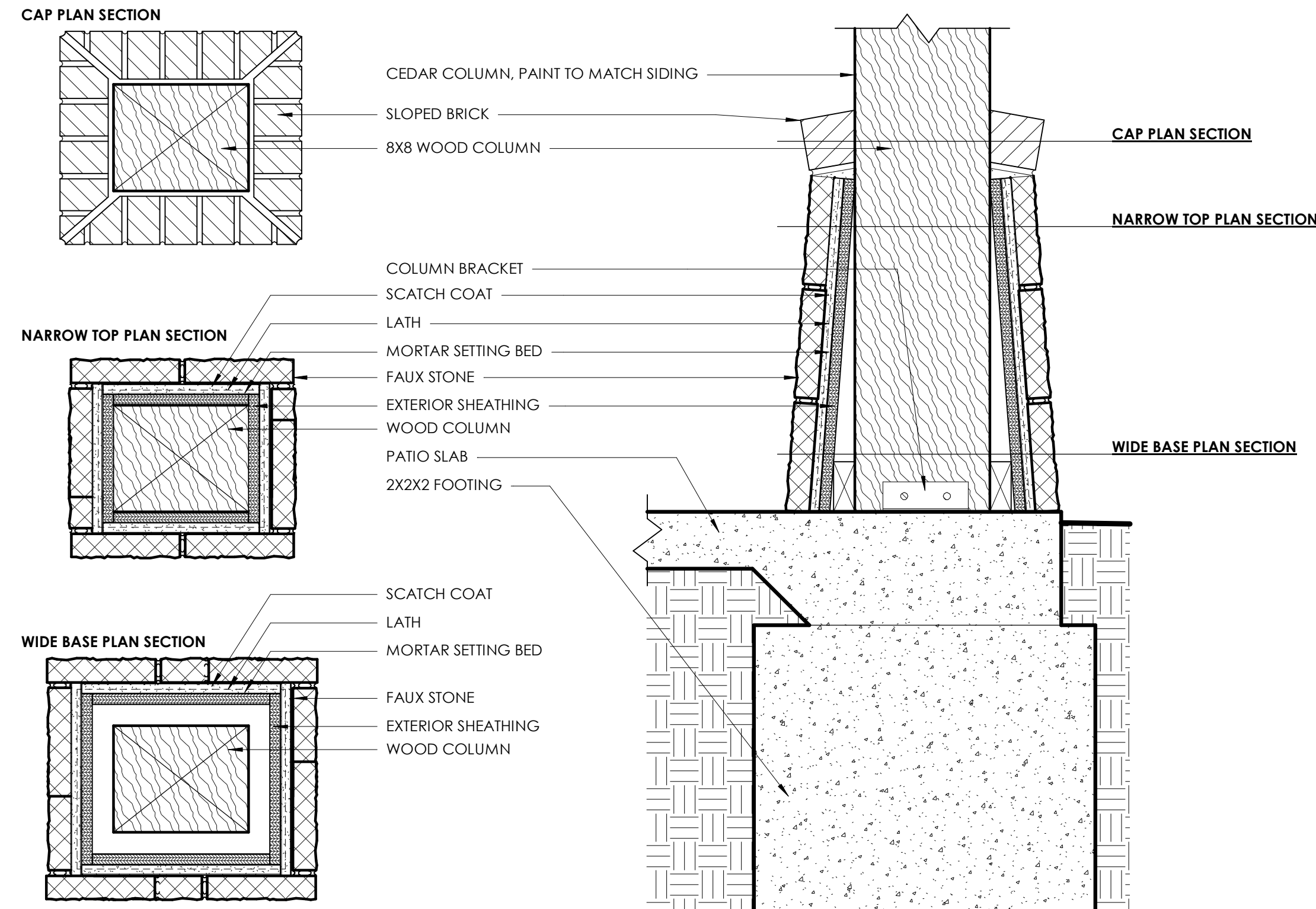


SHEET TITLE: **BUILDING SECTIONS**

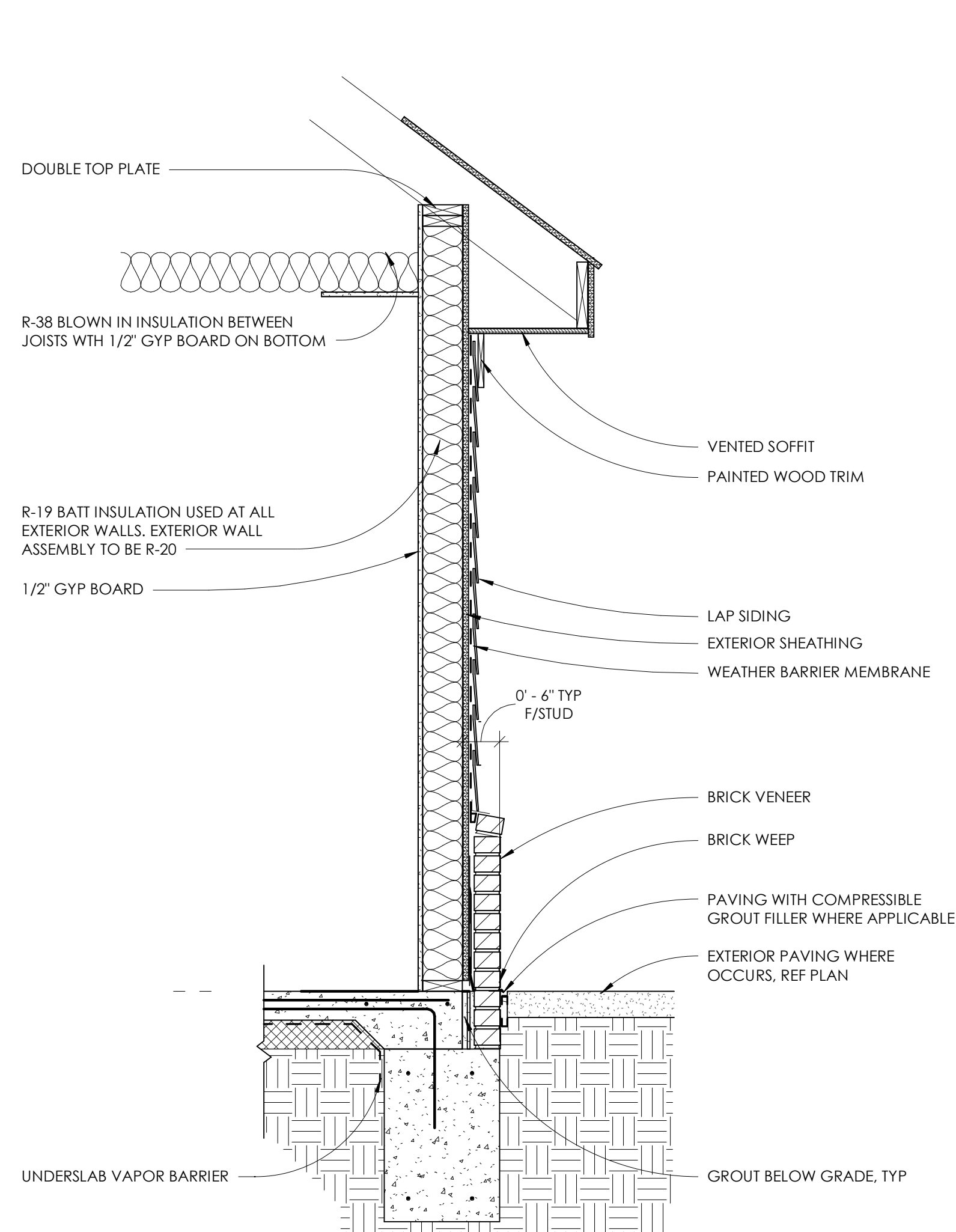
DRAWN BY: Author
CHECKED BY: Checker
ISSUE DATE: 2-14-2022

A-302

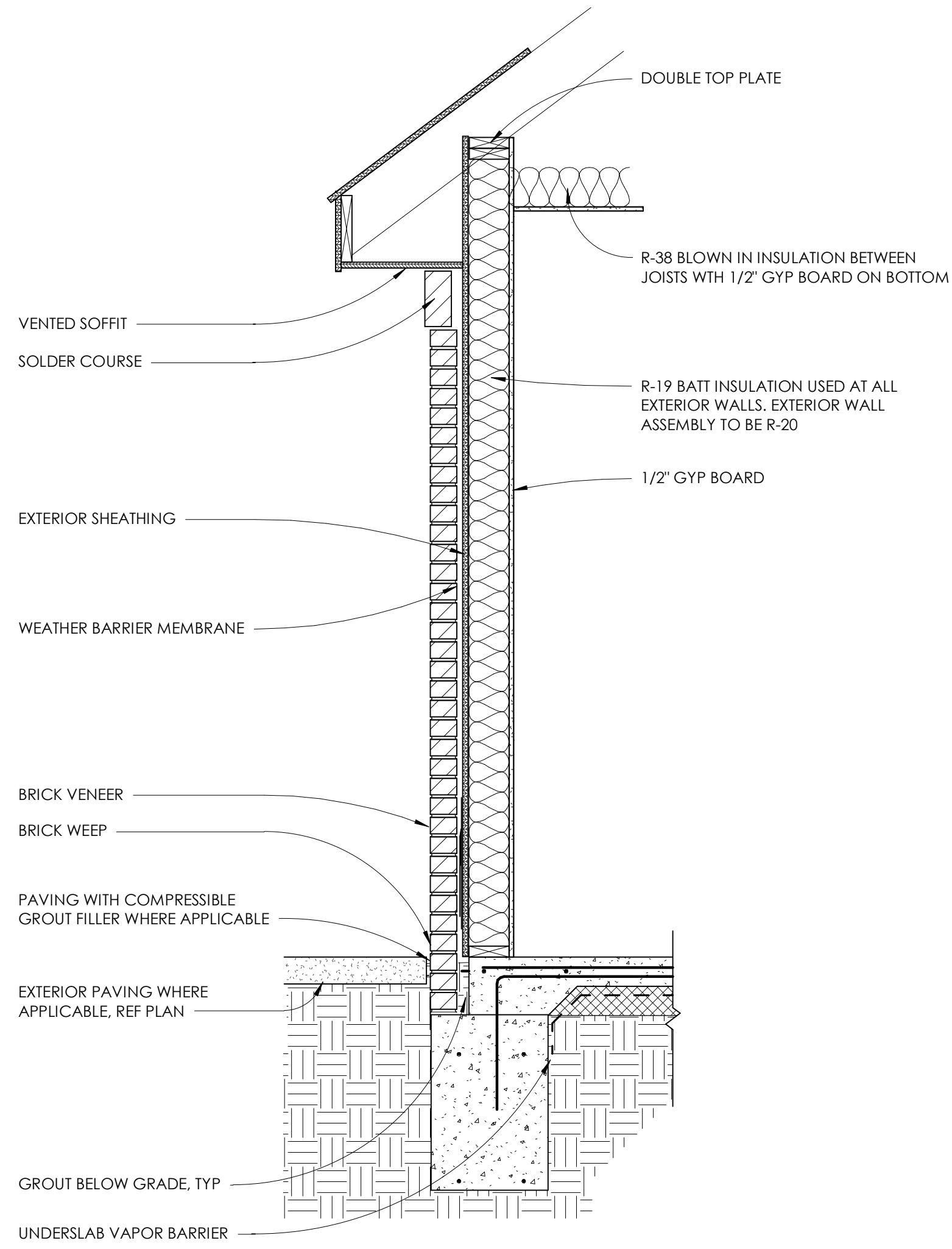
28.0202.11.2023 AM
 PRINT THIS SHEET FULL SIZE AT 24" X 36"
 This document, and the ideas and designs incorporated herein, are an instrument of professional service. In the event of professional services, it is the property of TriArch and is not to be used, in whole or in part, for any other project, without the written authorization of TriArch.



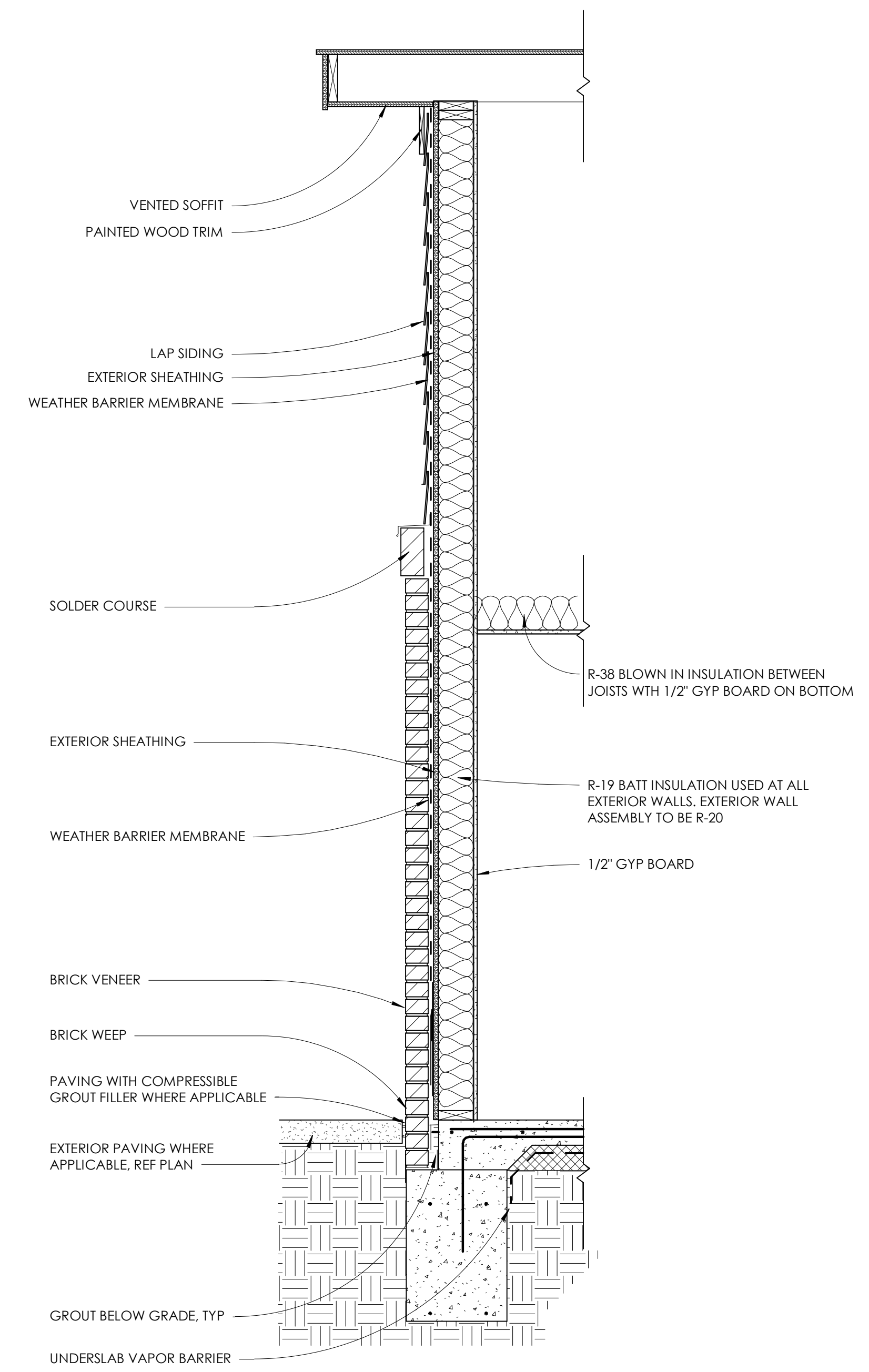
4 !! DTL CLM - Faux stone wrapped wood column Details Copy 1
1 1/2" = 1'-0"



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

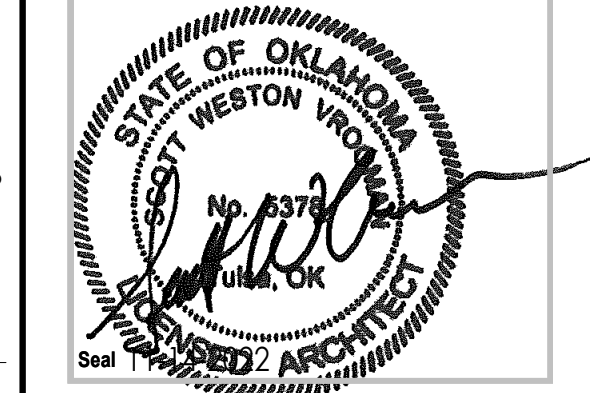
REVISIONS

Consultants

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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



CONSTRUCTION DOCUMENTS

PROJECT NO: 01-2207

SHEET TITLE: **WALL SECTIONS**

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

A-310

No.	Description	Date

REVISIONS

Consultants

SINGLE FAMILY HOME 4 BEDROOM

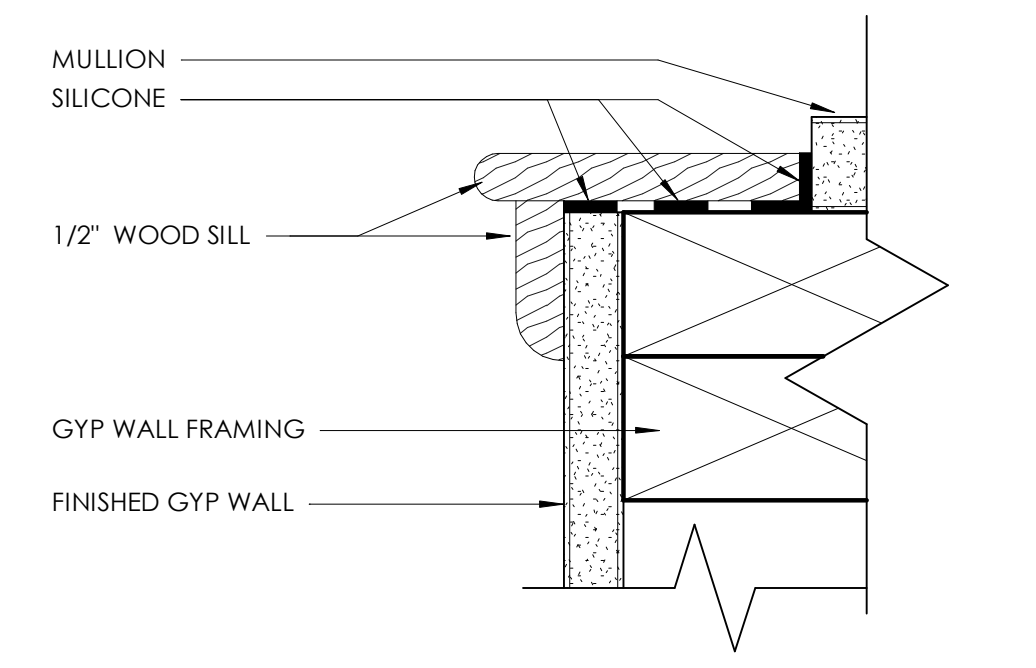
HOUSING AUTHORITY OF
THE CHEROKEE NATION
N. SHERIDAN RD. & E. 136TH ST. N.
COLLINSVILLE, OK



CONSTRUCTION DOCUMENTS

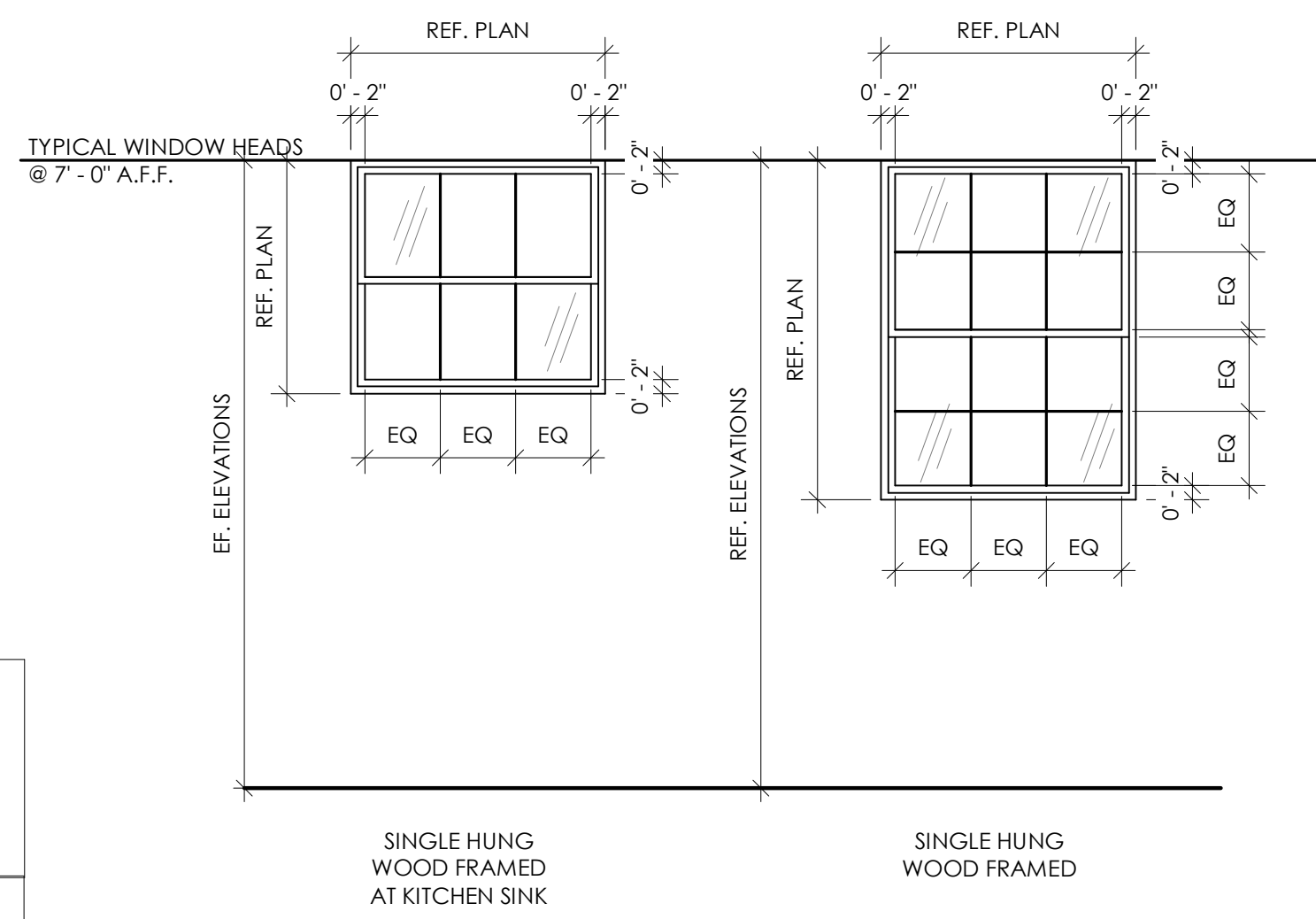
PROJECT NO: 01-2207

SHEET TITLE: SPECIALTIES, DOORS & WINDOWS
DRAWN BY: Author
CHECKED BY: Checker
ISSUE DATE: 2-14-2022
A-500



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

- WINDOW SCHEDULE NOTES**
1. REFER ELEVATIONS AND SPECIFICATIONS FOR GLAZING TYPES
 2. INSTALL TREATMENT FOR ALL TO REDUCE GLARE AND HEAT GAIN. REFERENCE SPECIALTIES SCHEDULE
 3. 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



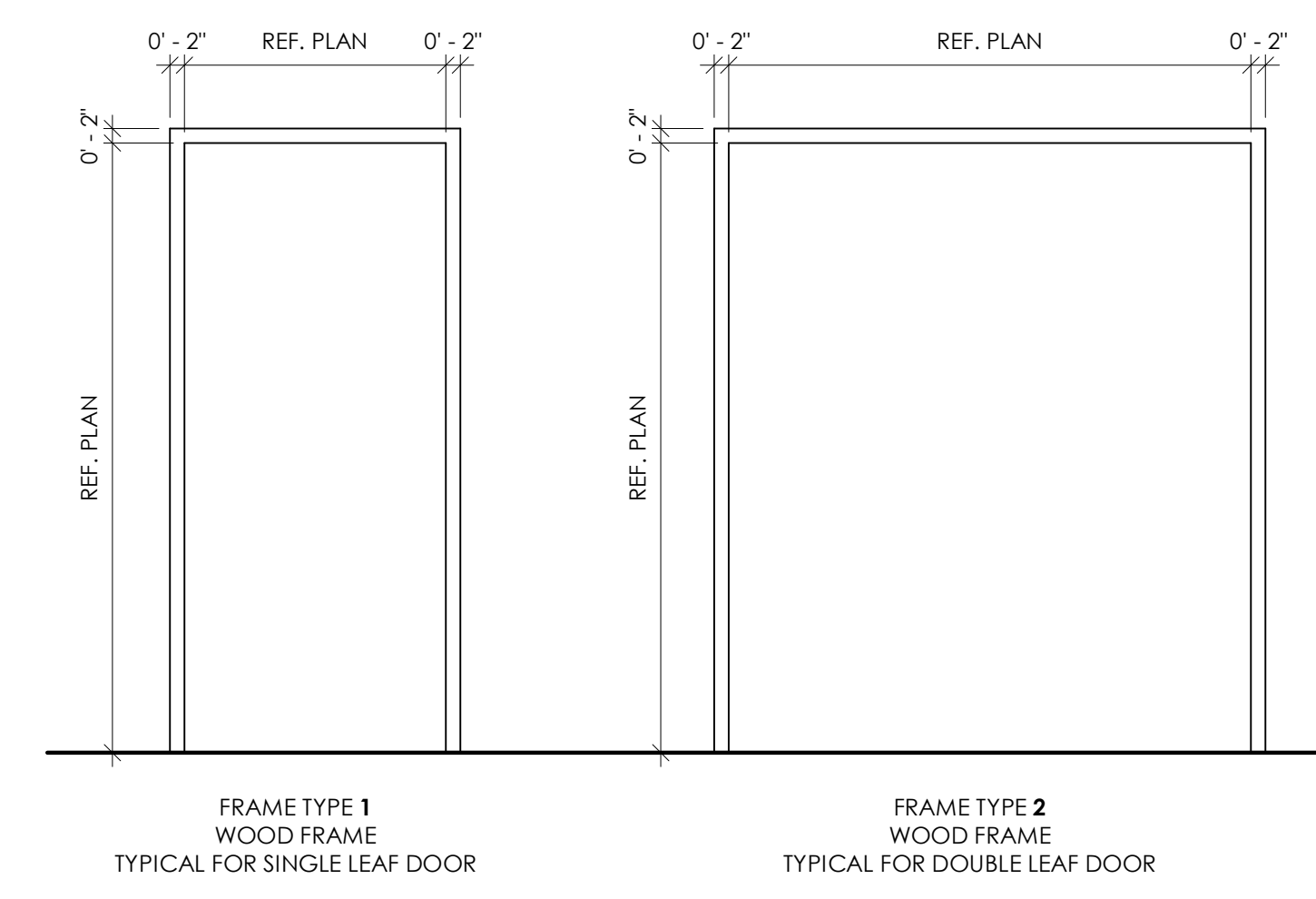
C WINDOW ELEVATIONS
1/2" = 1'-0"

SPECIALTIES SCHEDULE LEGEND

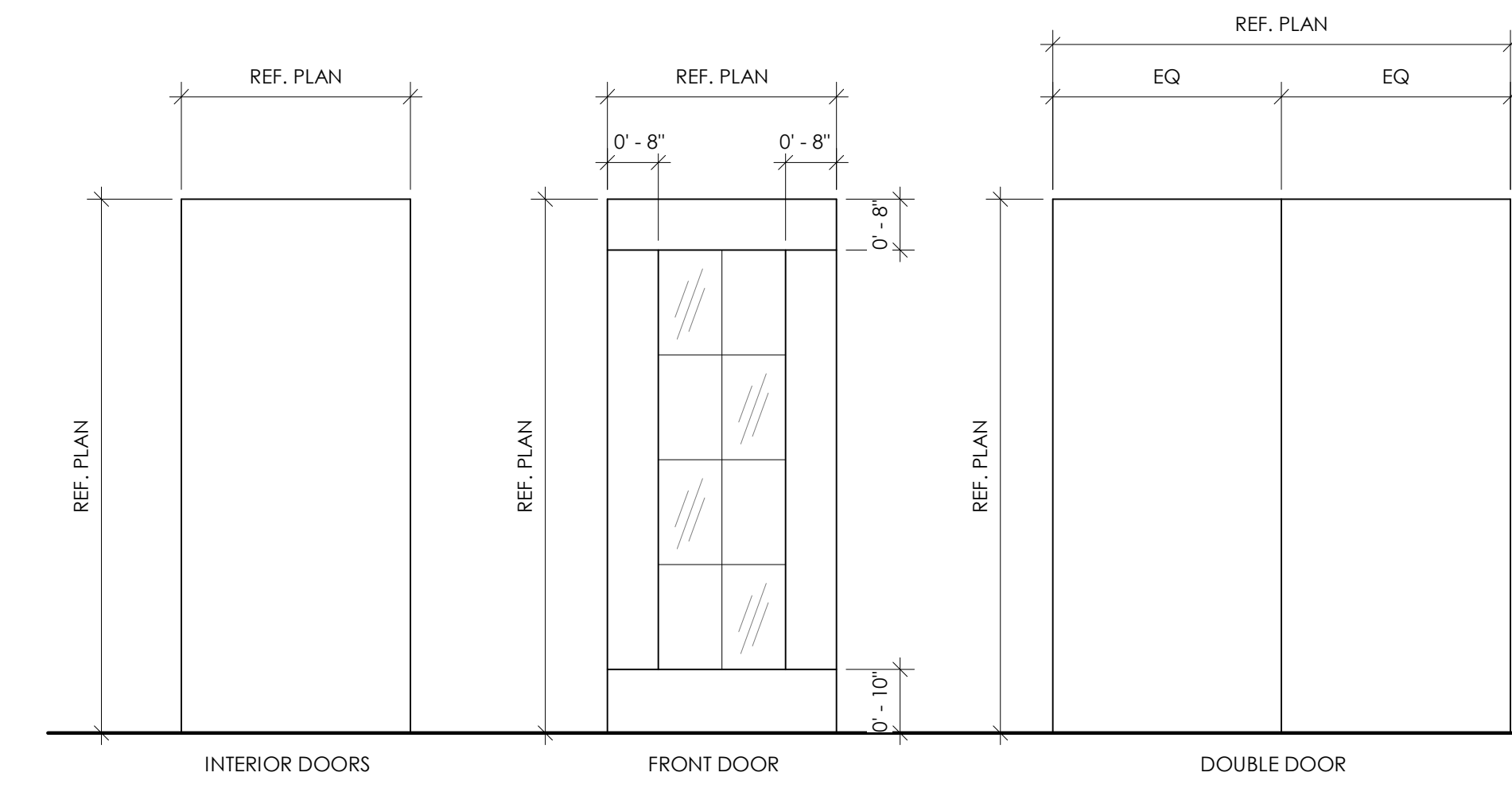
CPCI: CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
CPOL: CONTRACTOR PROVIDED, OWNER INSTALLED
OPOI: OWNER PROVIDED, OWNER INSTALLED
OPCI: OWNER PROVIDED, CONTRACTOR INSTALLED

MARK	DESCRIPTION	MFG.	MFG. #	DIMENSIONS	FINISH	RESPONSIBILITY	REMARKS
DIVISION 6 - ARCHITECTURAL WOODWORK							
BR1	METAL COUNTER SUPPORT BRACKET	TMI SYSTEMS	A7453	3"W X AS REQUIRED	MATCH ADJACENT WALL COLOR	CPCI	PROVIDE BLOCKING AS REQUIRED
DIVISION 10 - APPLIANCES							
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	ART308FFDOW	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
DIVISION 10 - FIRE PROTECTION SPECIALTIES							
FE	FIRE EXTINGUISHER	LARSEN'S	RE: SPECS	RE: SPECS	-	CPCI	LOCATE UNDER KITCHEN SINK
DIVISION 10 - TOILET AND BATH ACCESSORIES							
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
TWR	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
DIVISION 22 - PLUMBING FIXTURES							
BS	BATHUB 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	BATHUB	STERLING	71341810-0	60"W X 29"D X 17.25"H	WHITE	CPCI	PROVIDE NECESSARY PLUMBING
SHC	SHOWER CONTROLS, FAUCET, AND HEAD	DELTA	BT13410-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
DIVISION 26 - ELECTRICAL FIXTURES							
HVL	HEAT VENT LIGHT	UTILTECH	7123-02-L	11"S X 15"D X 6"H	WHITE	CPCI	PROVIDE POWER AND EXHAUST
LC	CAN LIGHT	UTILTECH	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	OFI1H300FR120WHM12	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

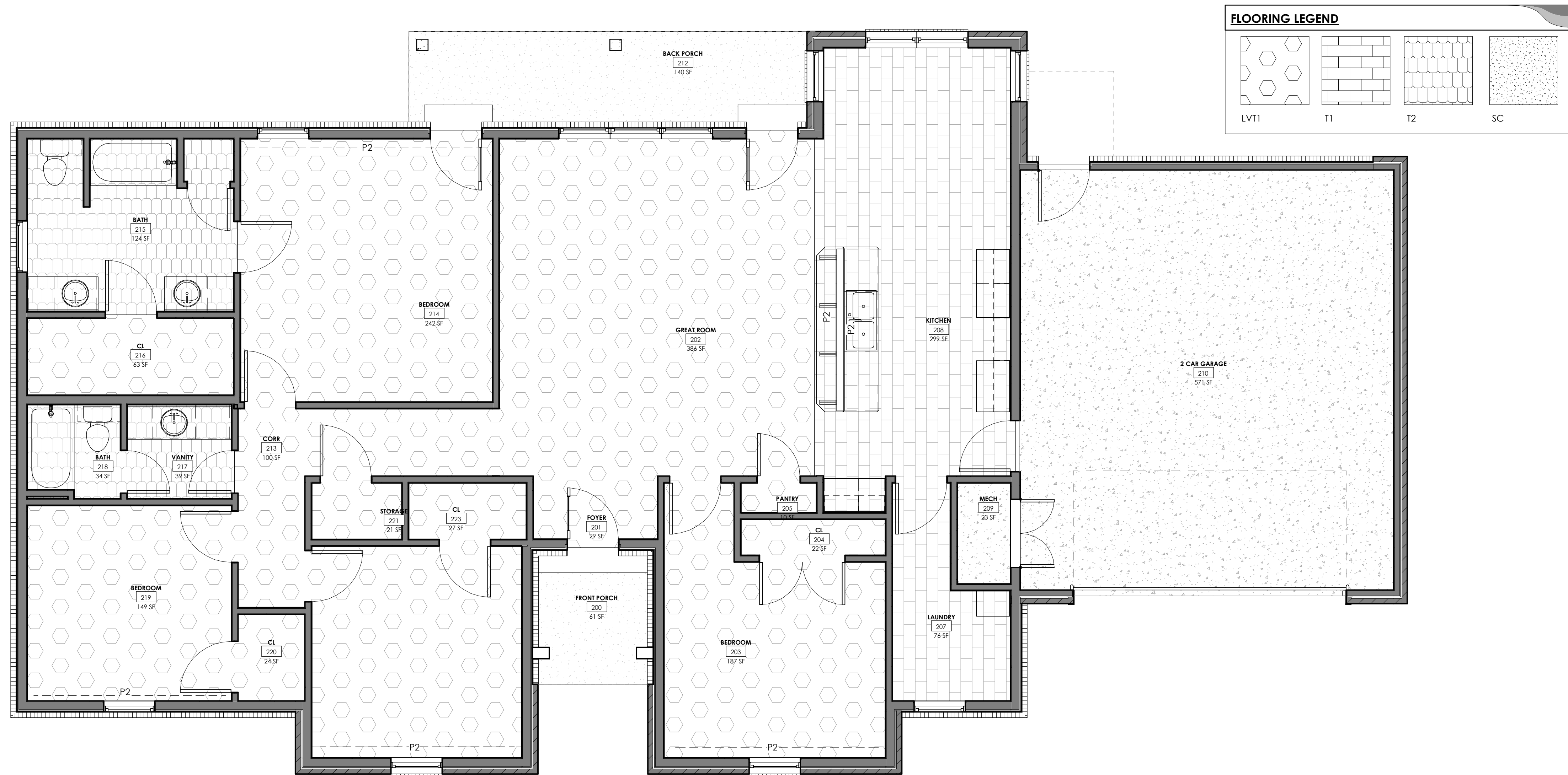
- DOOR SCHEDULE NOTES**
- A. USE 1" INSULATED CLEAR TEMPERED LOW EMISSIVITY GLAZING ON ALL EXTERIOR LITES, UNLESS OTHERWISE NOTED
 - B. ALL DOORS AND FRAMES TO BE PAINTED **P2**
- DOOR HARDWARE NOTES**
1. ALL DOORS TO RECEIVE HARDWARE ON BOTH SIDES
 2. ALL EXTERIOR DOORS AND GARAGE DOOR TO RECEIVE LOCKABLE HARDWARE, KEYED DEADBOLT, LEVER HANDLE LATCH
 3. 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"



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

ROOM #	Name	Area	Floor Finish	Wall Finish	Comments
200	FRONT PORCH	61 SF	SC	P1	
201	FOYER	29 SF	LVT1	P1	
202	GREAT ROOM	386 SF	LVT1	P1	
203	BEDROOM	187 SF	LVT1	REF. FINISH PLAN	
204	CL	22 SF	LVT1	P1	
205	PANTRY	10 SF	LVT1	P1	
206	BUTLER	9 SF	LVT1	P1	
207	LAUNDRY	76 SF	LVT1	P1	
208	KITCHEN	299 SF	T1	REF. ELEVATIONS	1; 3; 6; 9
209	MECH	23 SF	SC	P1	
210	2 CAR GARAGE	571 SF	SC	P1	
212	BACK PORCH	140 SF	SC	P1	
213	CORR	100 SF	LVT1	P1	
214	BEDROOM	242 SF	LVT1	REF. FINISH PLAN	
215	BATH	124 SF	T2	REF. ELEVATIONS	1; 2; 3; 6; 9
216	CL	63 SF	LVT1	P1	
217	VANITY	39 SF	LVT1	P1	
218	BATH	34 SF	T2	REF. ELEVATIONS	1; 2; 3; 6; 9
219	BEDROOM	149 SF	LVT1	REF. FINISH PLAN	
220	CL	24 SF	LVT1	P1	
221	STORAGE	21 SF	T2	REF. ELEVATIONS	1; 2; 3; 6; 9
222	BEDROOM	170 SF	LVT1	REF. FINISH PLAN	
223	CL	27 SF	LVT1	P1	
Grand total: 23		2,807 SF			

ROOM FINISH LEGEND	
FLOORING	<p>LVT1 MANUFACTURER: PATCRAFT STYLE: HOMEGRAIN COLOR: VERANDA 00110 SIZE: 6" X 48"</p> <p>INSTALLATION: STAGGERED SEALER: CROSSVILLE</p> <p>T1 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: HARVEST TAWNY SIZE: 12" X 24"</p> <p>INSTALLATION: BRICK GROUT: MAPEI ; COLOR: SILVER 27</p> <p>T2 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: VEHNO VERDE SIZE: 12" X 24"</p> <p>INSTALLATION: BRICK GROUT: MAPEI ; COLOR: WARM GRAY 93</p> <p>T3 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: VEHNO VERDE SIZE: 2" X 2"</p> <p>INSTALLATION: MONOLITHIC GROUT: MAPEI ; COLOR: WARM GRAY 93</p> <p>WALL TILE</p> <p>WT1 MANUFACTURER: MOSA STYLE: COLORS COLOR: LIGHT GREY 6400 SIZE: 10CM X 30CM INSTALLATION: BRICK GROUT: MAPEI ; COLOR: FROST 77</p>
	<p>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.</p> <p>PAINT</p> <p>P1 MANUFACTURER: SHERWIN WILLIAMS COLOR: ICE CUBE SW6252 FINISH: EGGSHELL FOR WALLS; EPOXY FOR BATHROOM CEILINGS; FLAT FOR ALL OTHER CEILINGS</p> <p>P2 MANUFACTURER: SHERWIN WILLIAMS COLOR: ATTITUDE GRAY SW7060 FINISH: EGGSHELL FOR WALLS; EPOXY FOR BATHROOM WALLS; SEMI-GLOSS FOR DOORS AND TRIM</p> <p>MILLWORK</p> <p>PL1 MANUFACTURER: FORMICA COLOR: NEOCLOUD FINISH: INFINITI</p> <p>ST1 MANUFACTURER: MIXWAX COLOR: ALLUVIUM MW417</p>
	<p>BASE</p> <p>WB1 STYLE: 1x4" WOOD BASE BOARD COLOR: P2</p> <p>TB1 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: HARVEST TAWNY SIZE: 6" X 24"</p> <p>INSTALLATION: BULLNOSE GROUT: MAPEI ; COLOR: SILVER 27</p> <p>TB2 MANUFACTURER: CROSSVILLE STYLE: PORTUGAL COLOR: VEHNO VERDE SIZE: 4" X 24"</p> <p>INSTALLATION: BULLNOSE GROUT: MAPEI ; COLOR: WARM GRAY 93</p> <p>CEILINGS</p> <p>GYP GYPSUM WALL BOARD FINISH: PAINT P1</p> <p>MISCELLANEOUS</p> <p>BO BY OTHERS</p> <p>FRP1 BATHTUB AND SHOWER SURROUND, REF SPECIALTIES SCHEDULE</p> <p>KEYED FINISH REMARKS:</p> <ol style="list-style-type: none"> 1. PROVIDE APPROPRIATE SCHLUTER TRANSITION STRIPS AT ALL FLOORING CHANGES. 2. FRP1 TO BE USED ON WALLS IN SHOWER/TUB AREAS. 3. ALL WALLS TO BE PAINTED P1 UNLESS NOTED OTHERWISE. REFER TO ELEVATIONS AND FLOOR FINISH PLANS. 4. ALL INTERIOR GYP WALLS TO BE ORANGE PEEL (LEVEL 3) FINISH 5. ALL WALLS TO HAVE WOOD BASE WB1 UNLESS NOTED OTHERWISE. 6. KITCHEN WALL BASE TO BE TB1; BATHROOM WALL BASE TO BE TB2 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 ST1 UNLESS NOTED OTHERWISE

TriArch
Purpose. Driven. Architecture.
618 E. 3rd St.
Tulsa, OK 74102
918.743.2724 (M)
918.743.2725 (F)

No. Description Date

REVISIONS

Consultants

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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

Key Plan

Seal: STATE OF OKLAHOMA, WESTON VERNON, No. 8570, ARCHITECT

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

PRINT THIS SHEET FULL SIZE AT 24" X 36"
28.0002.11.2024.AM

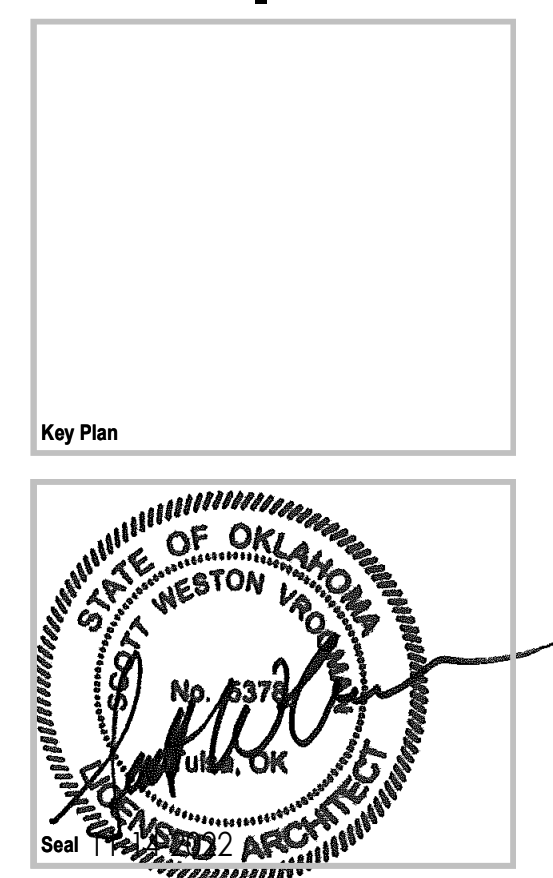
No.	Description	Date

REVISIONS

No.	Description	Date

Consultants

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



Key Plan

Seal

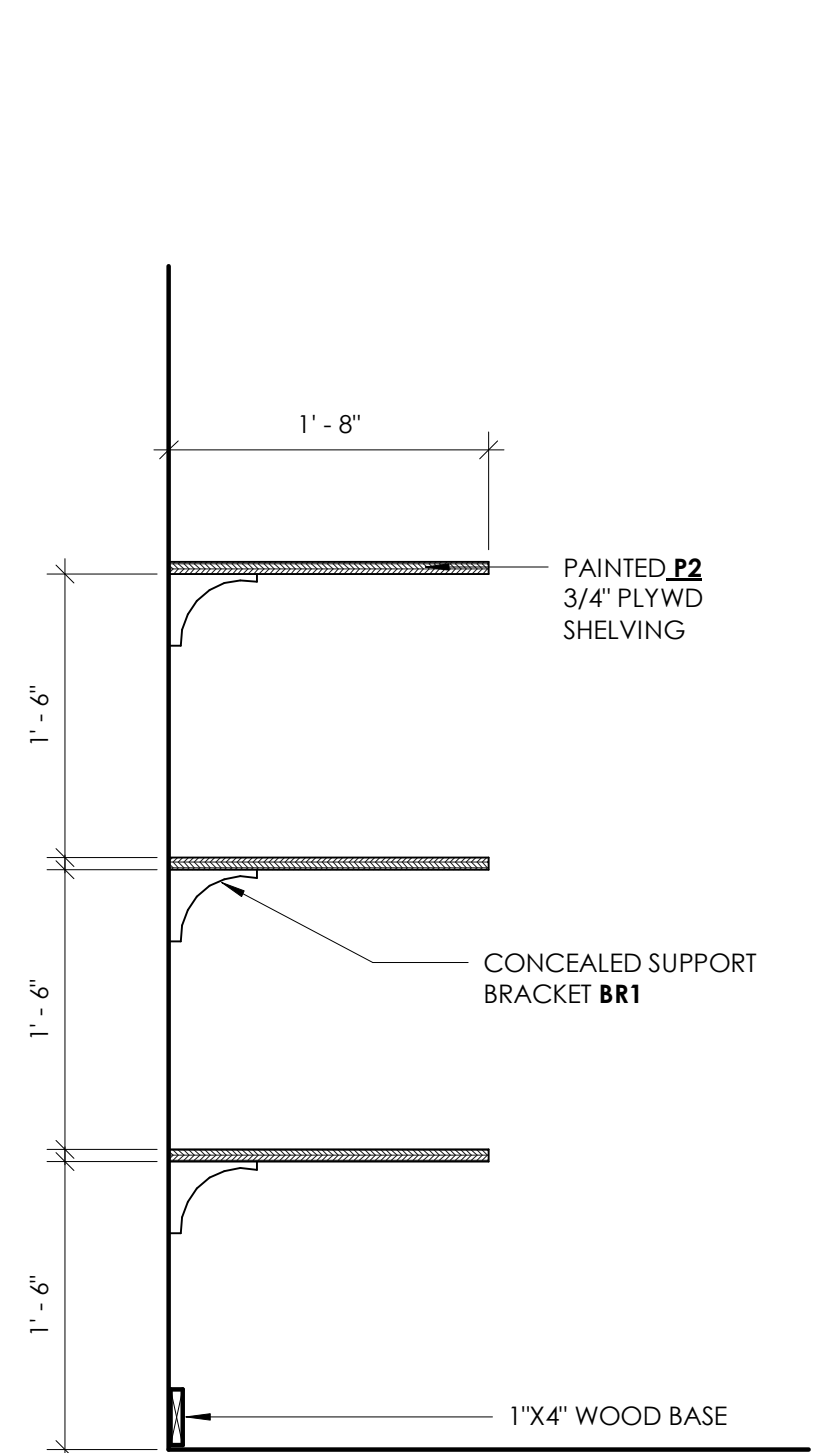
CONSTRUCTION DOCUMENTS

PROJECT NO: 01-2207

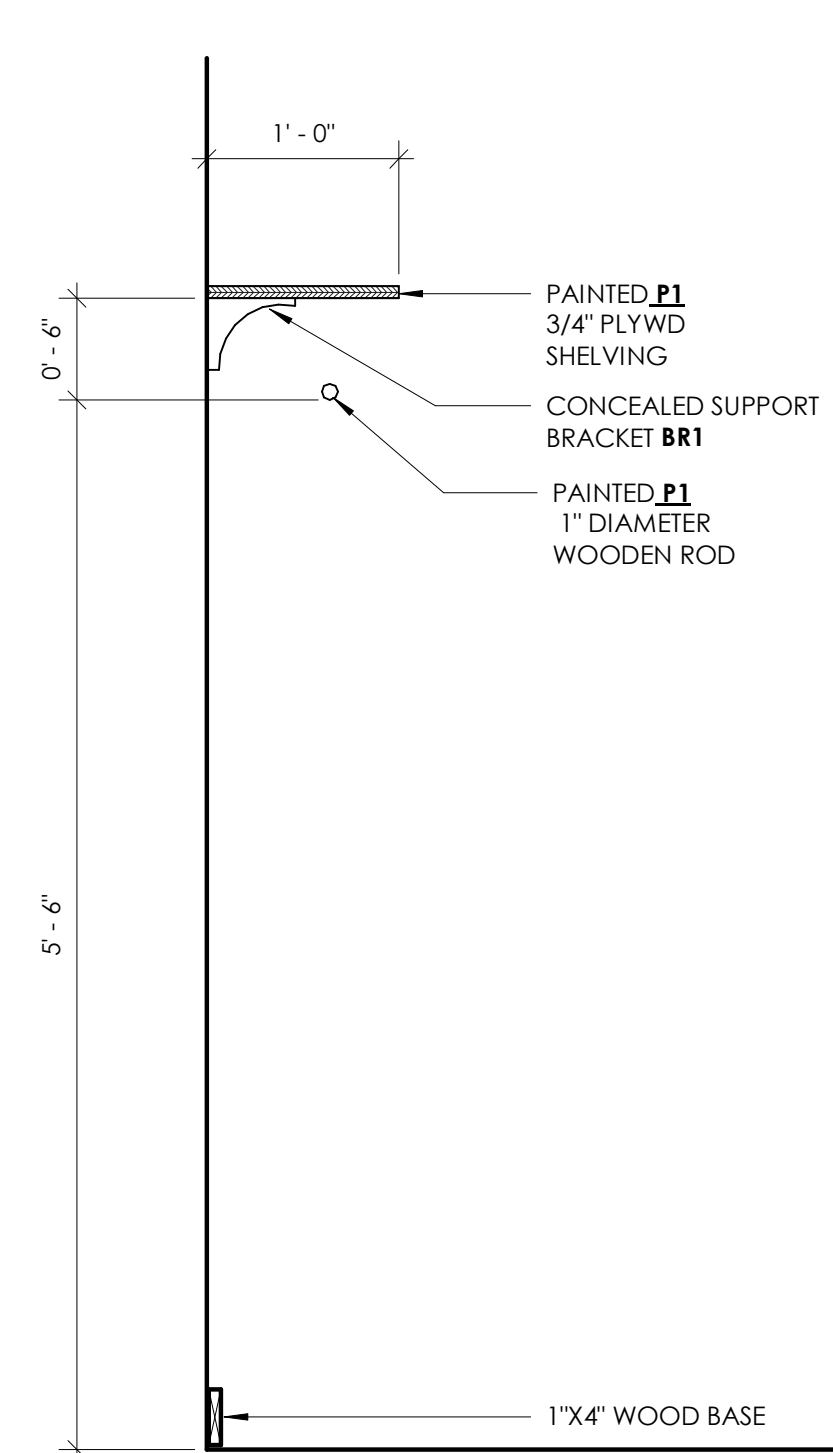
SHEET TITLE: **INTERIOR ELEVATIONS**

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

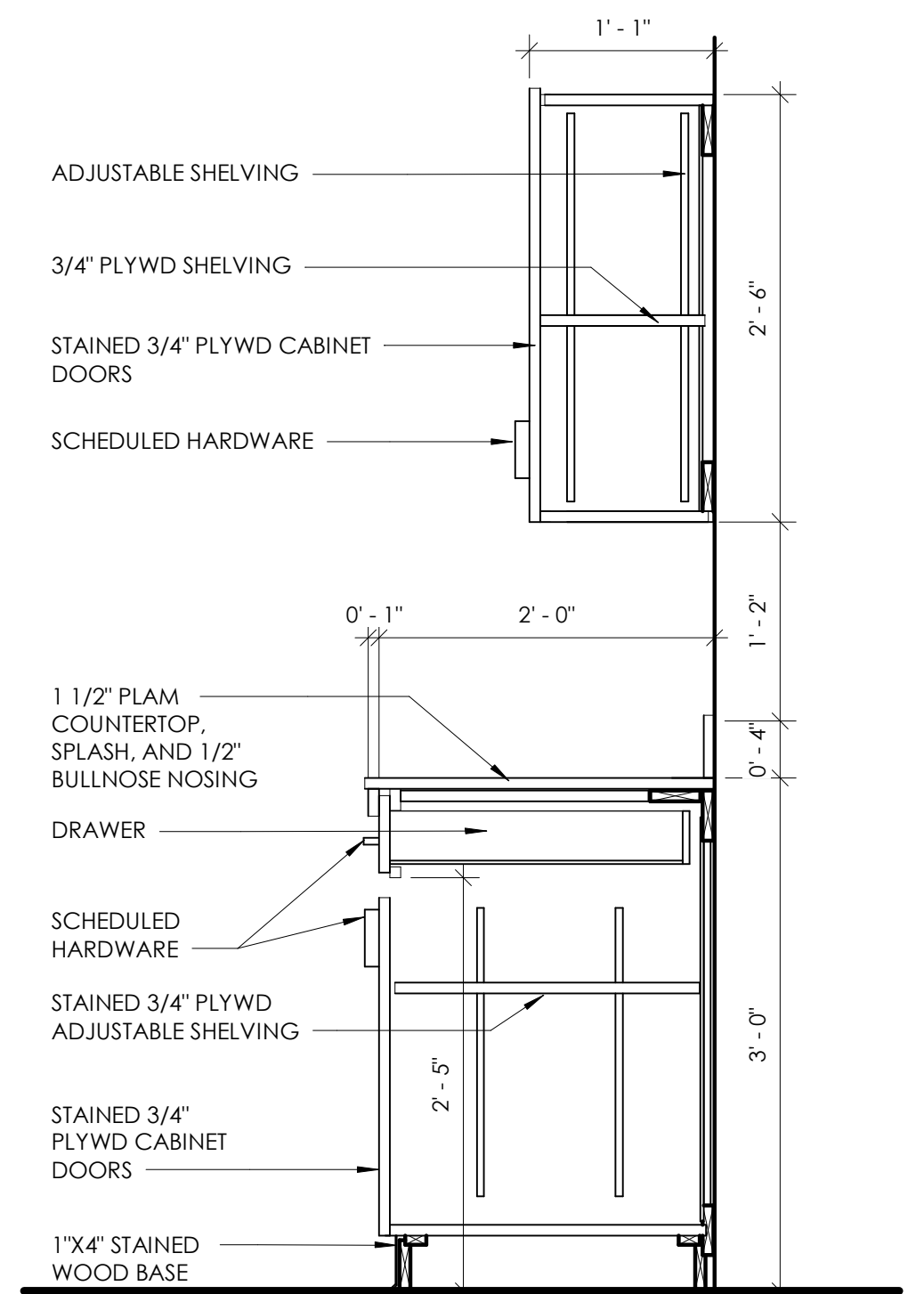
A-610



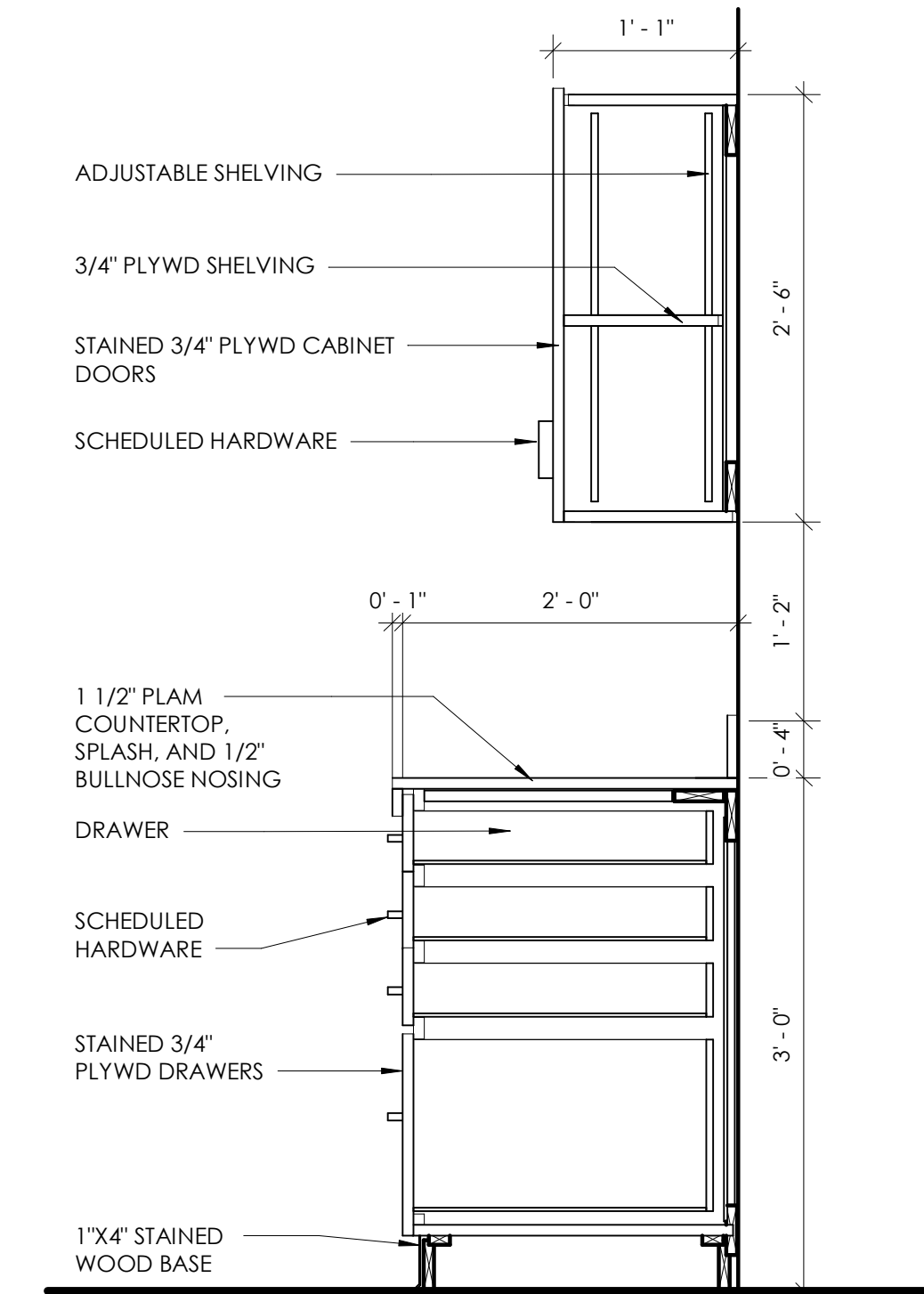
19 TYP BATH SHELVING
1" = 1'-0"



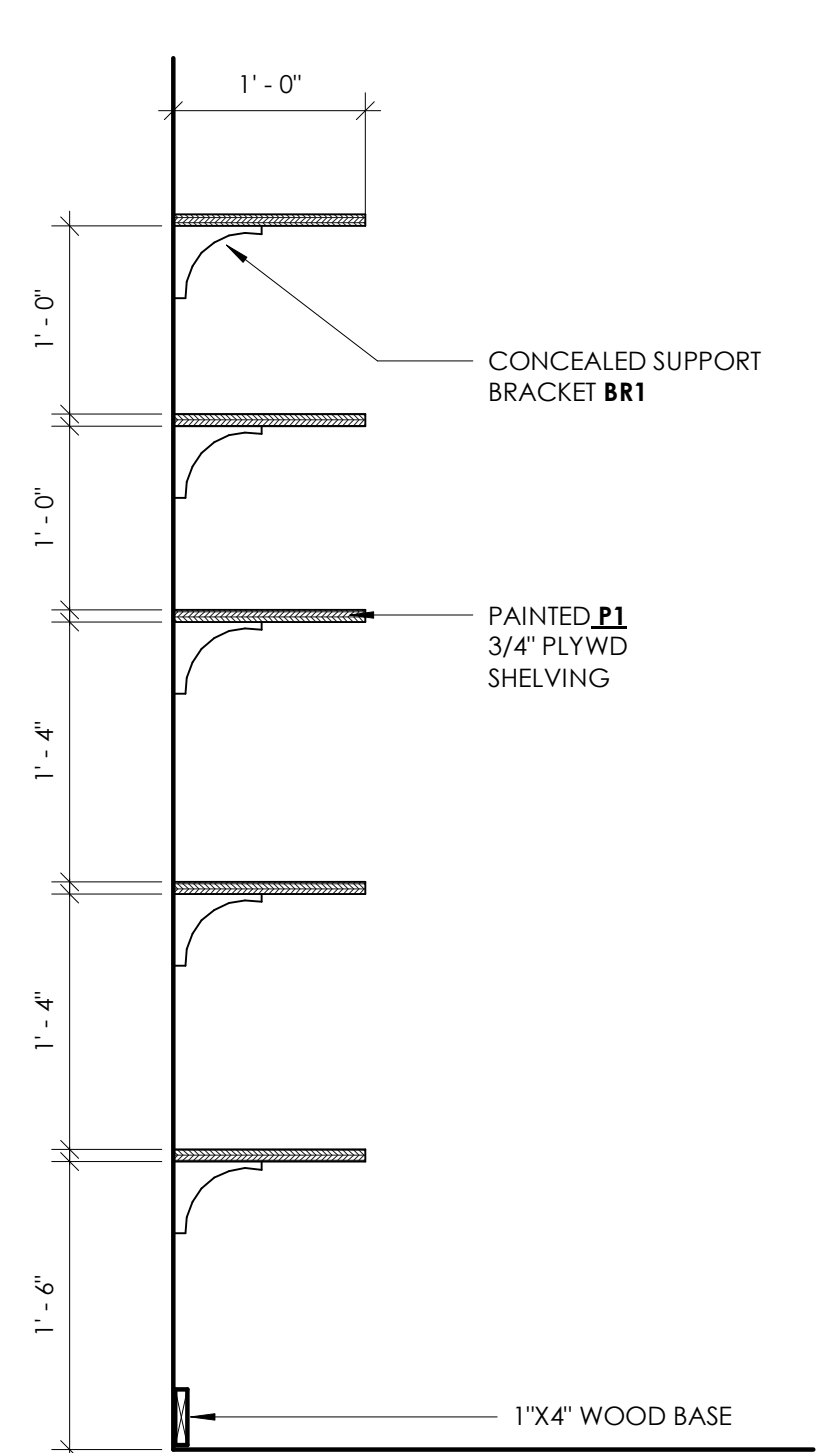
18 TYPICAL CLOSET ROD & SHELF
1" = 1'-0"



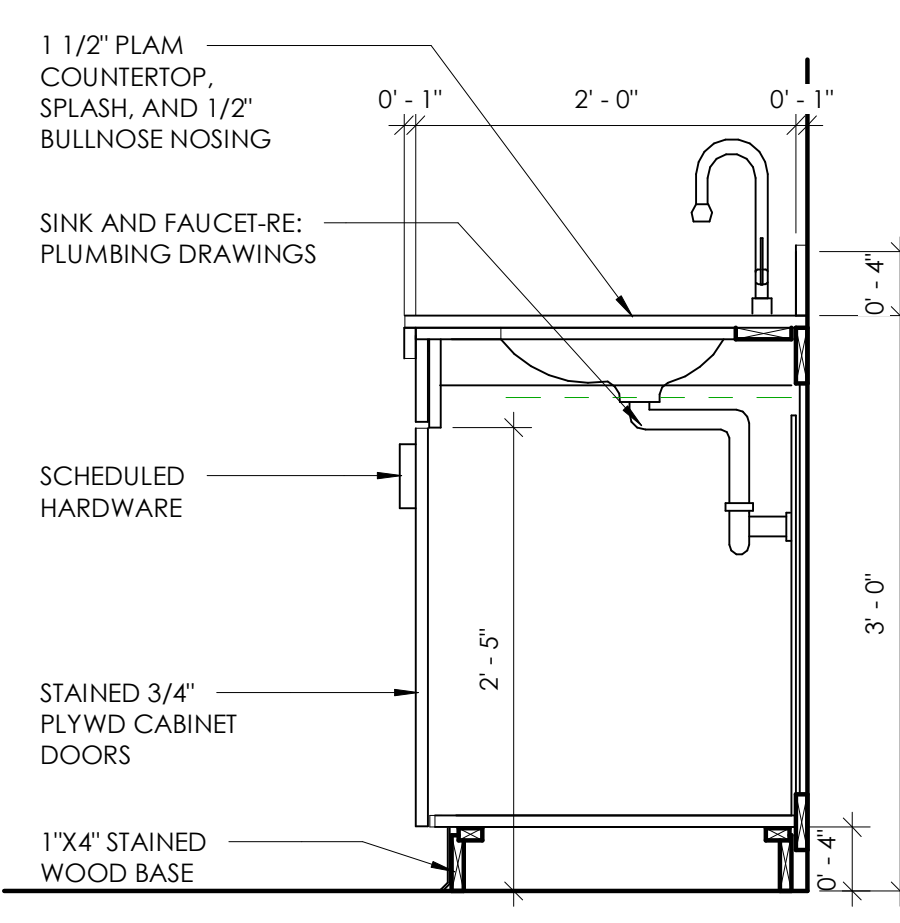
17 TYPICAL UPPER AND LOWER CABINET
1" = 1'-0"



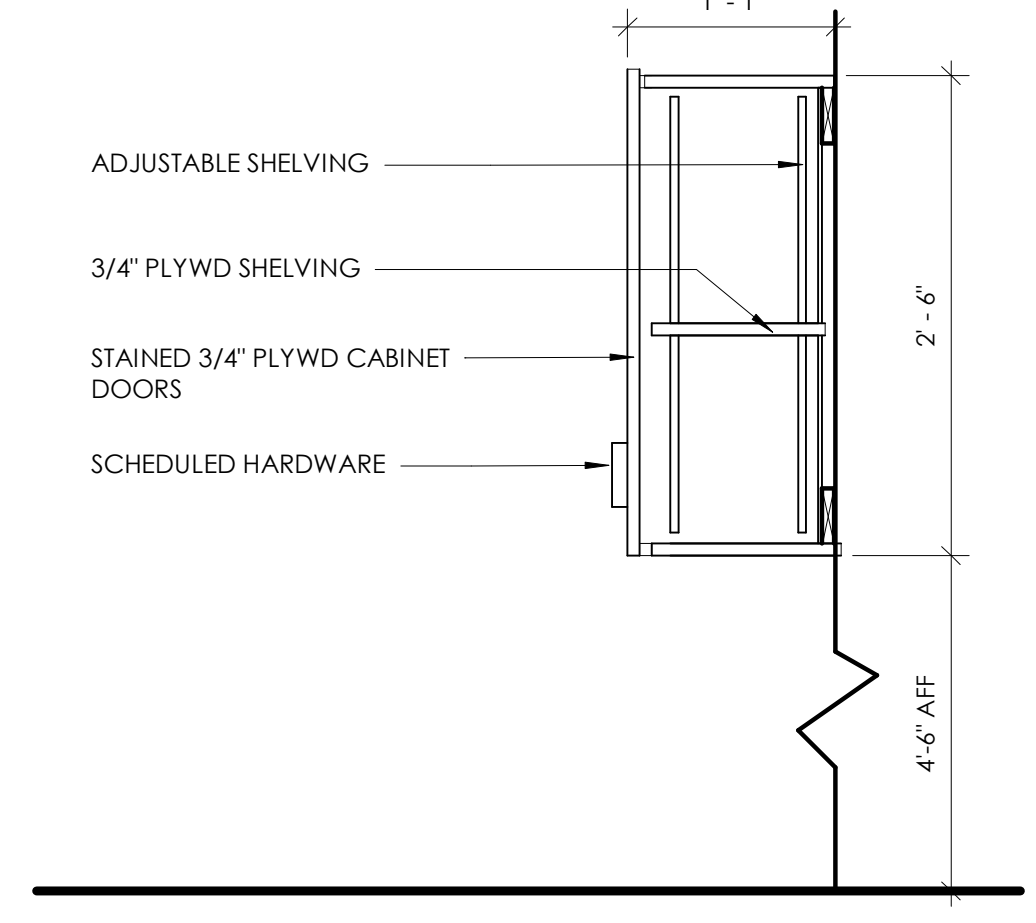
16 TYPICAL UPPER AND LOWER DRAWERS
1" = 1'-0"



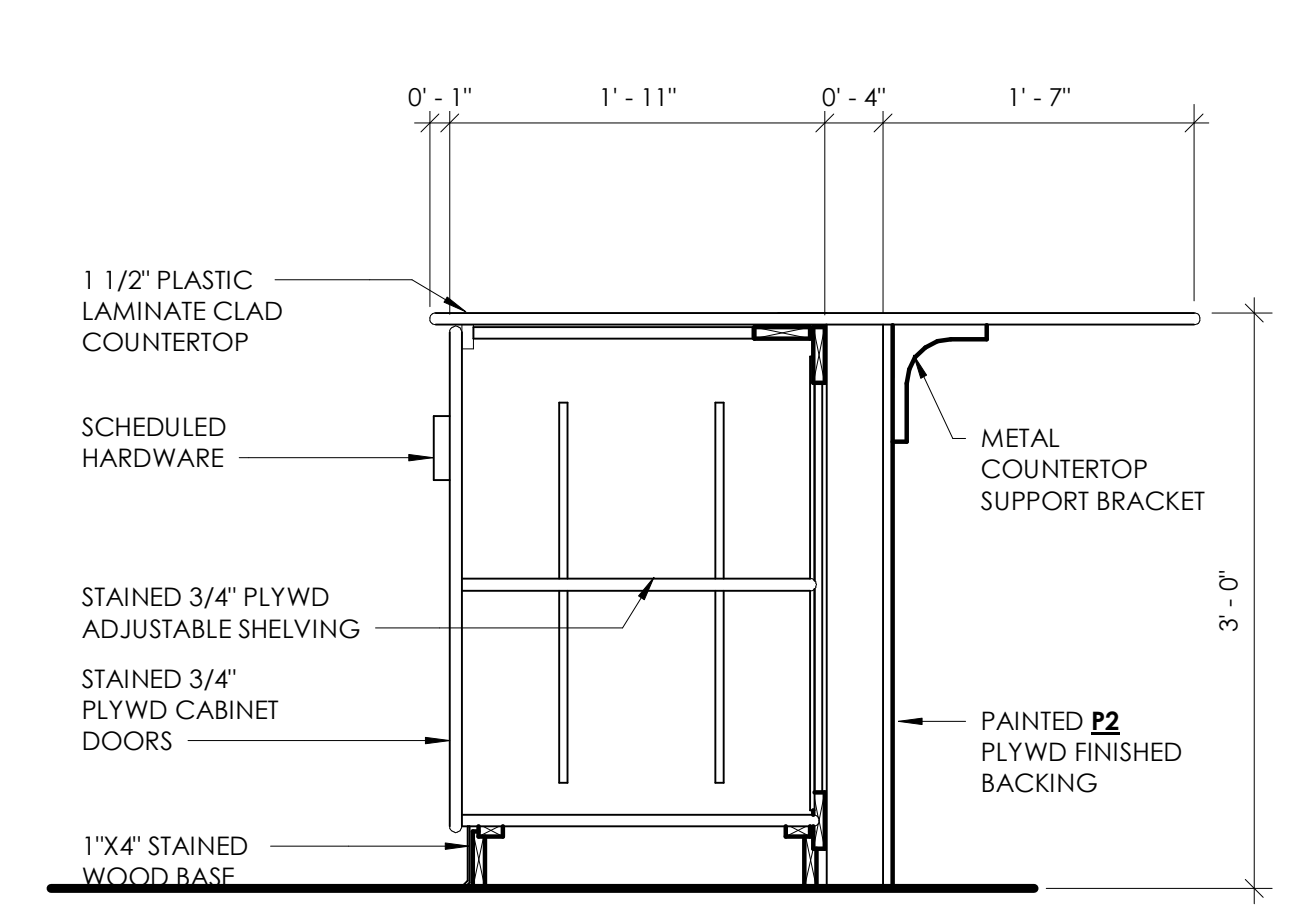
15 TYP PANTRY SHELVING
1" = 1'-0"



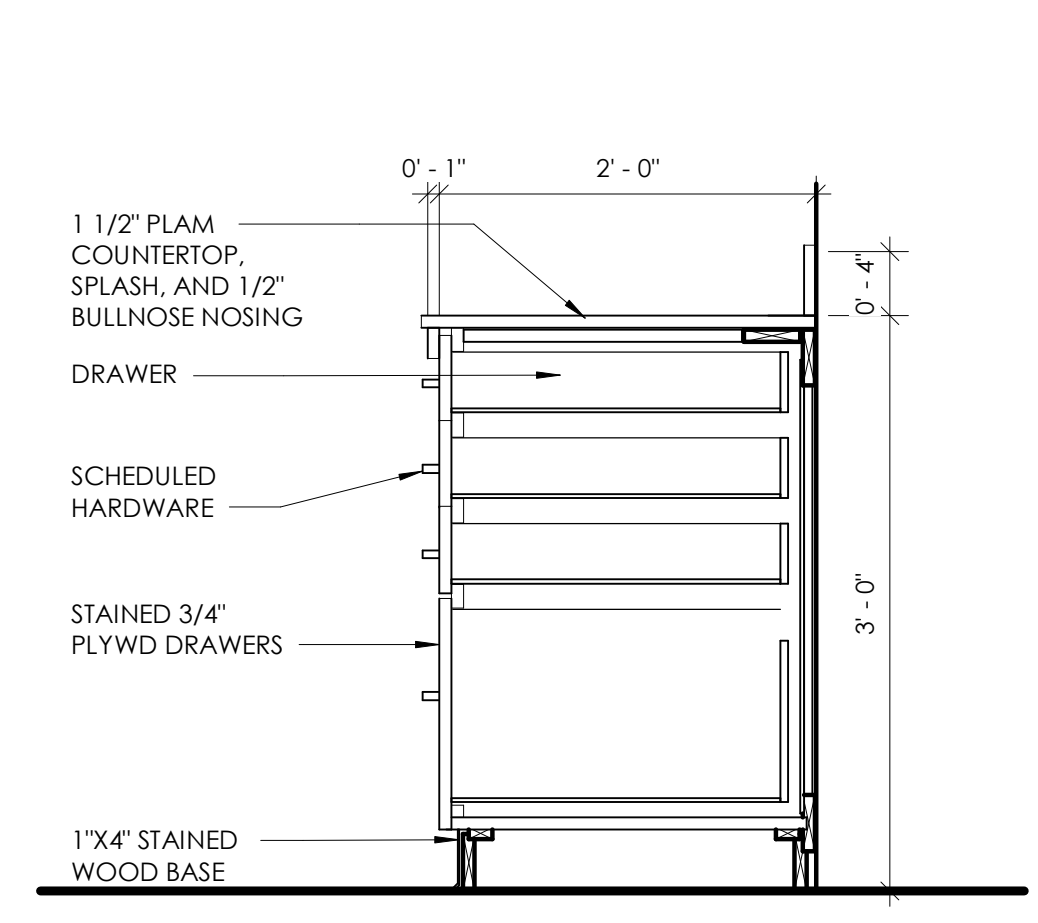
14 TYPICAL SINK CABINET
1" = 1'-0"



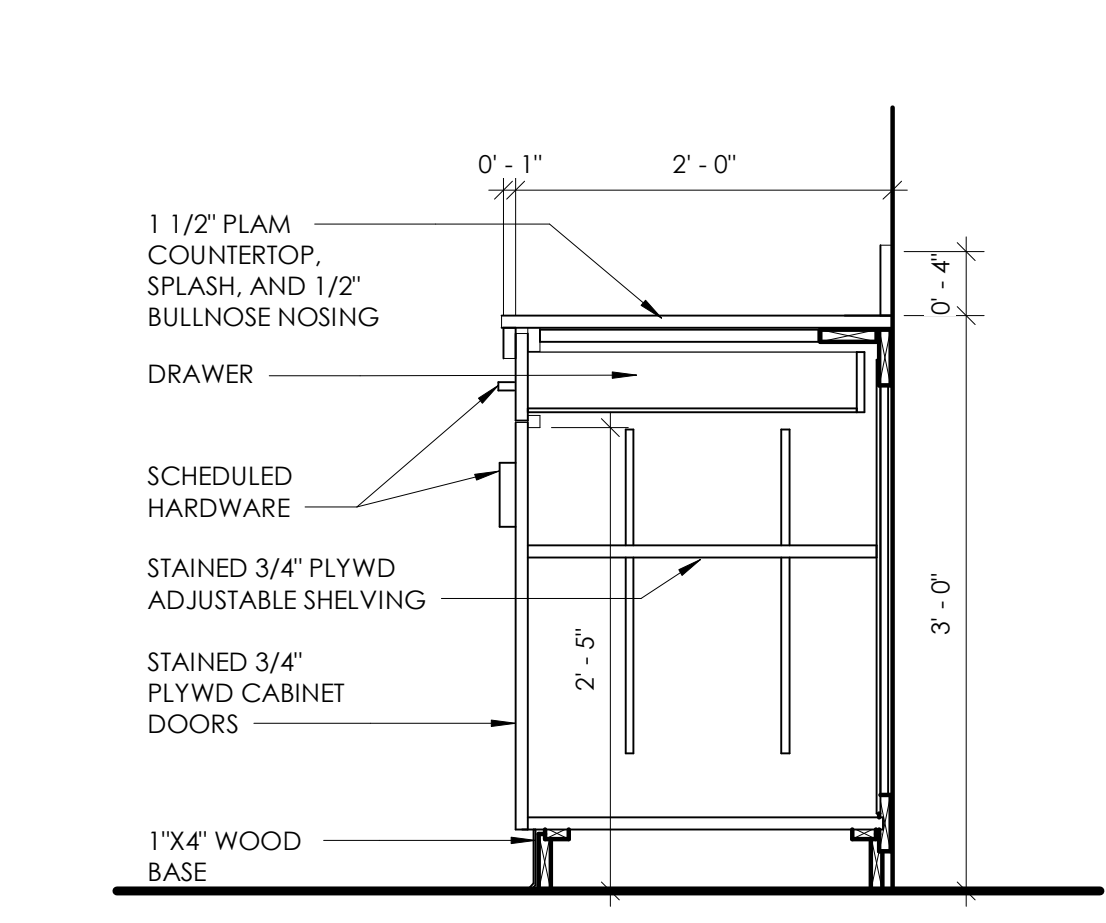
13 TYPICAL UPPER CABINET
1" = 1'-0"



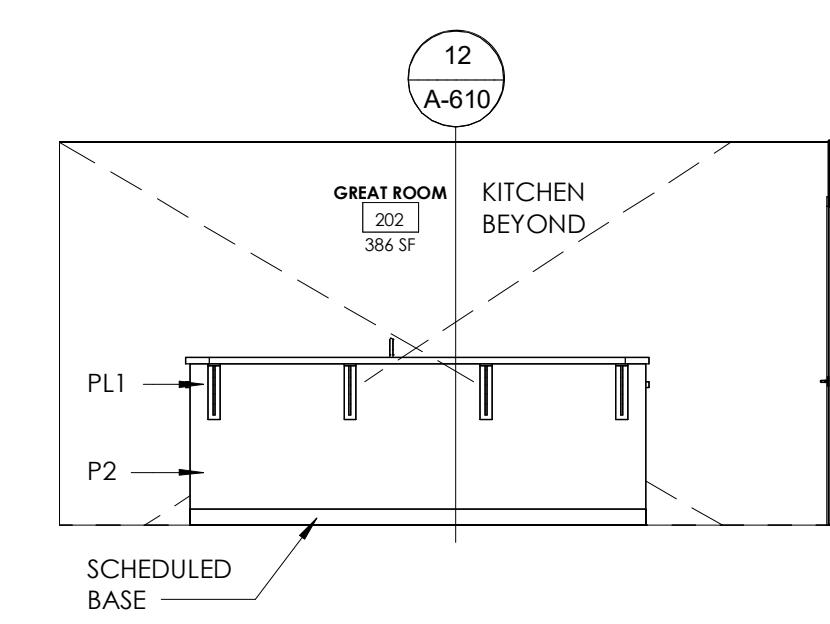
12 TYPICAL KITCHEN ISLAND
1" = 1'-0"



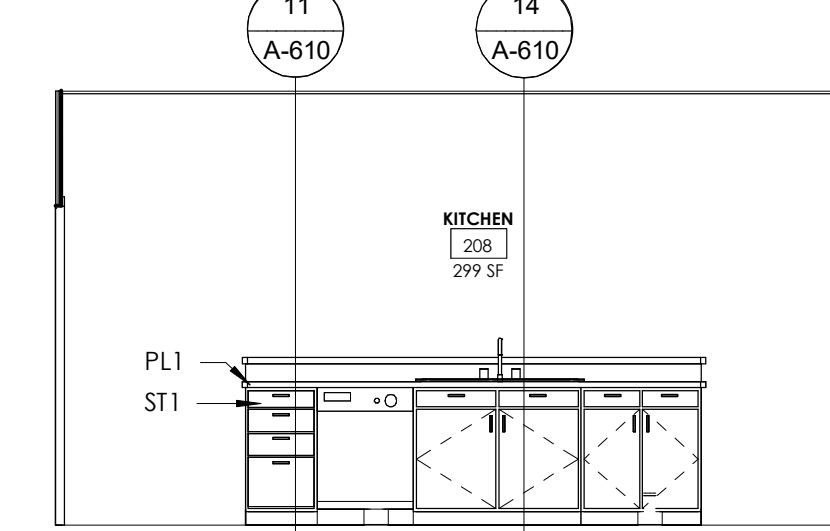
11 TYPICAL LOWER DRAWERS
1" = 1'-0"



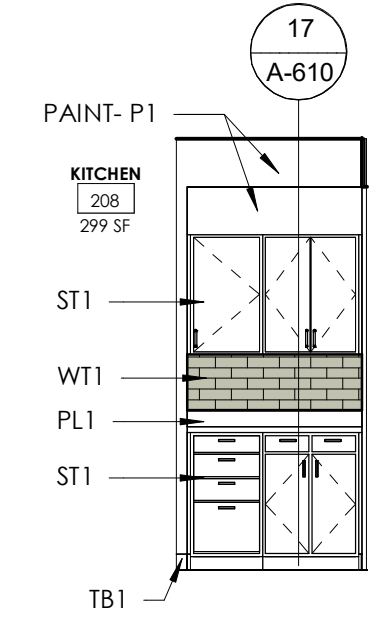
10 TYPICAL LOWER CABINET
1" = 1'-0"



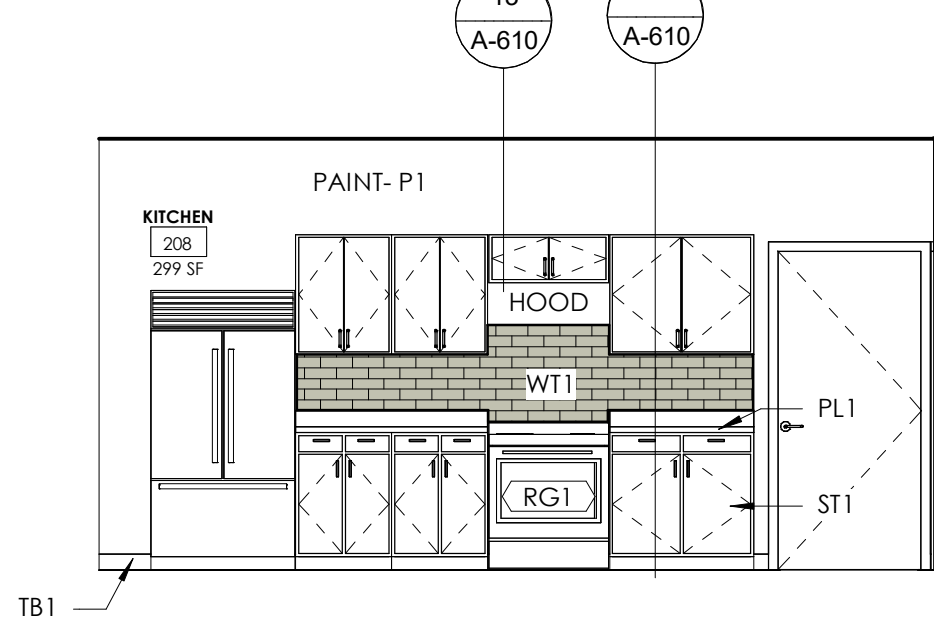
9 KITCHEN ISLAND- BACK
1/4" = 1'-0"



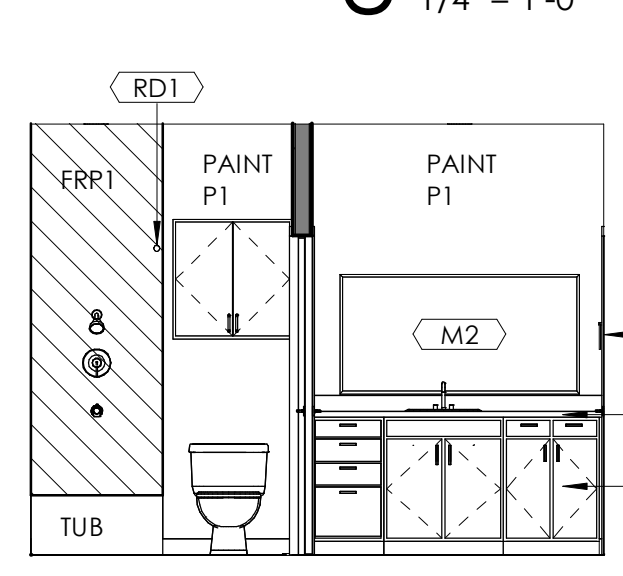
8 KITCHEN ISLAND- FRONT
1/4" = 1'-0"



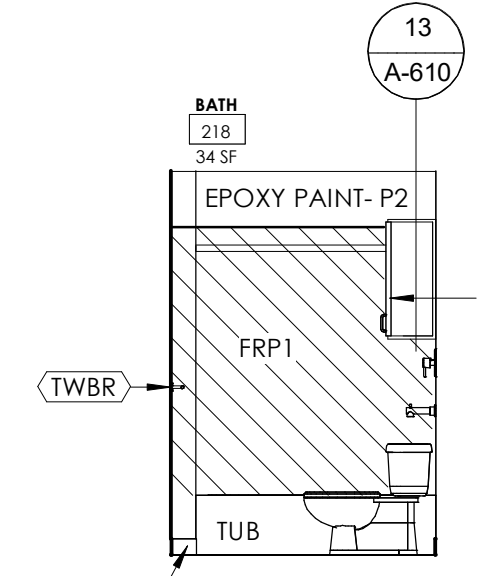
7 KITCHEN S
1/4" = 1'-0"



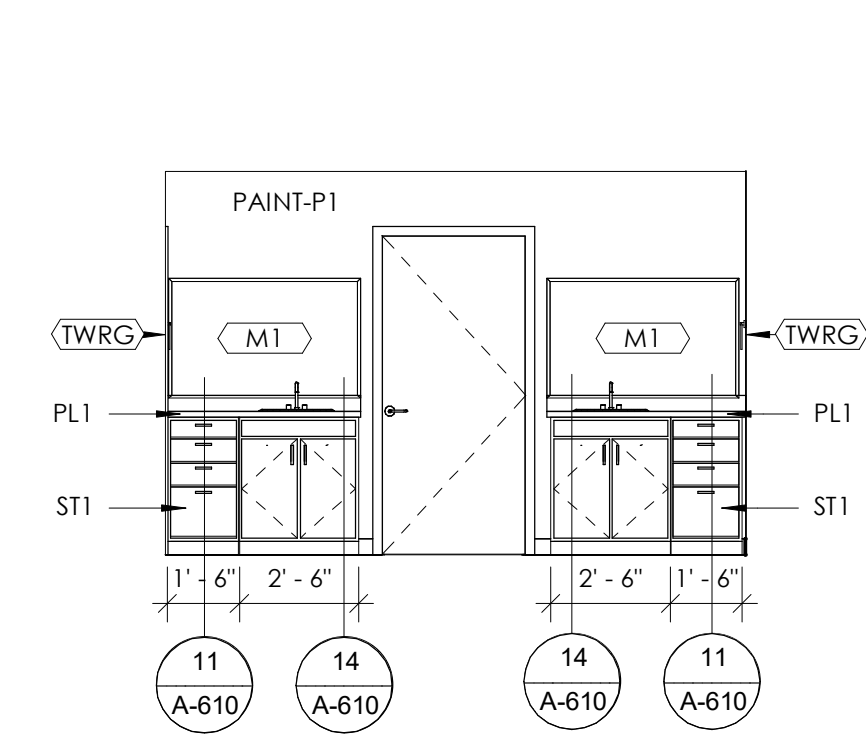
6 KITCHEN E
1/4" = 1'-0"



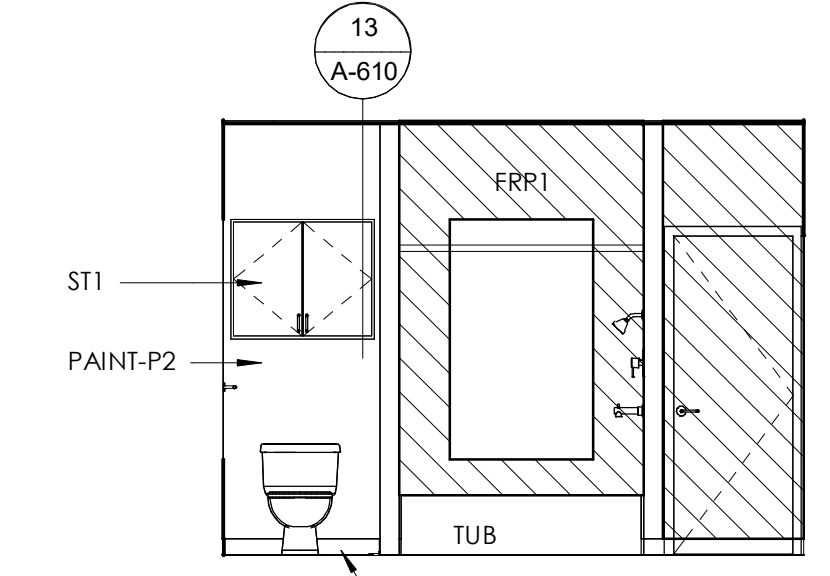
4 BATH 218 N
1/4" = 1'-0"



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



2 BATH 215 S
1/4" = 1'-0"



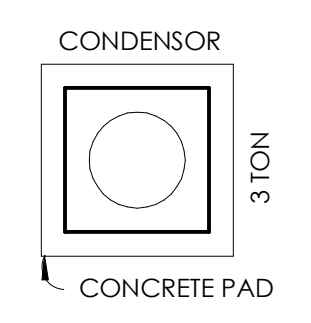
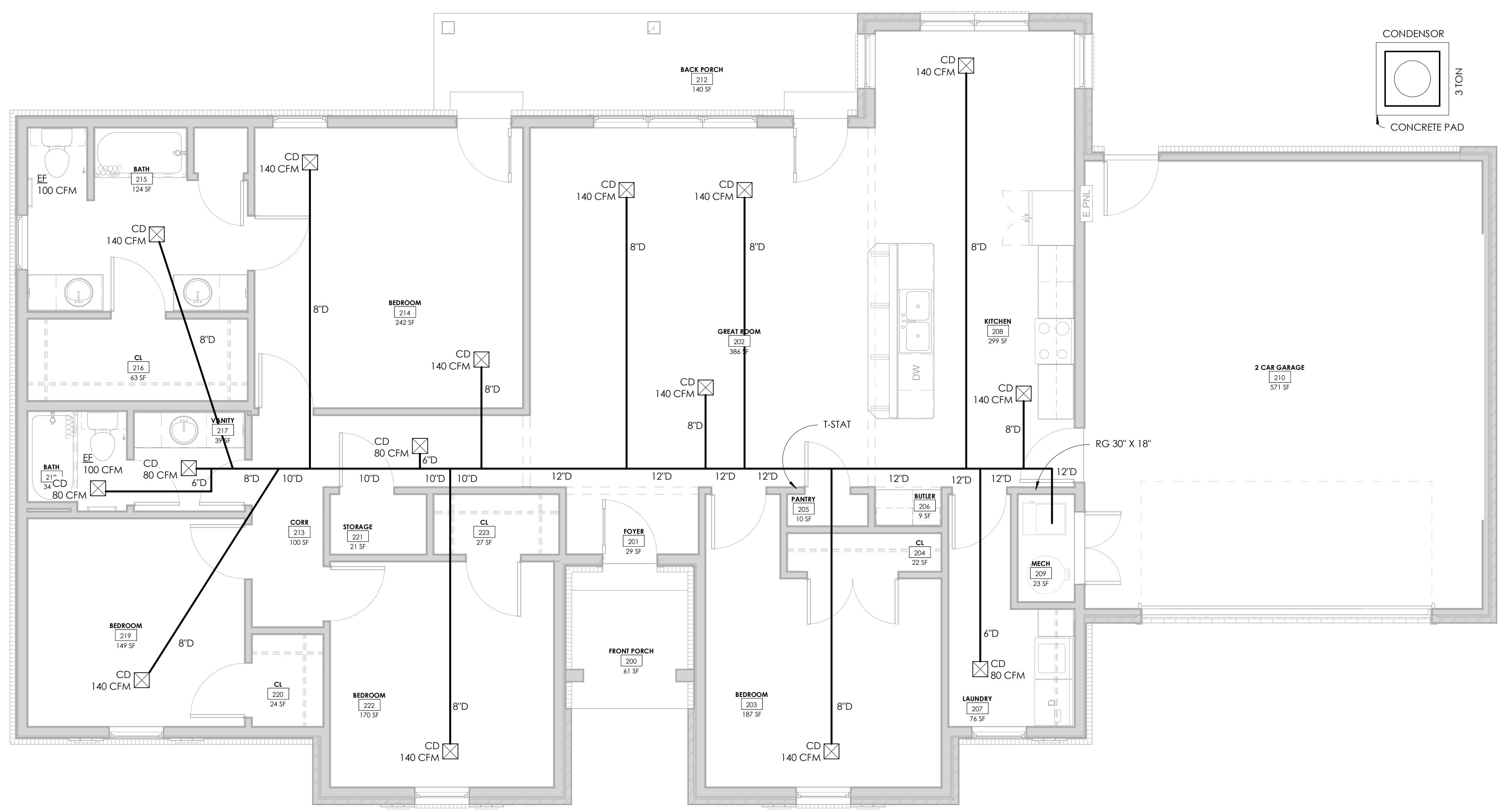
1 BATH 215 N
1/4" = 1'-0"

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

No.	Description	Date

REVISIONS

Consultants



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 FORTRIGHT 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 3*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

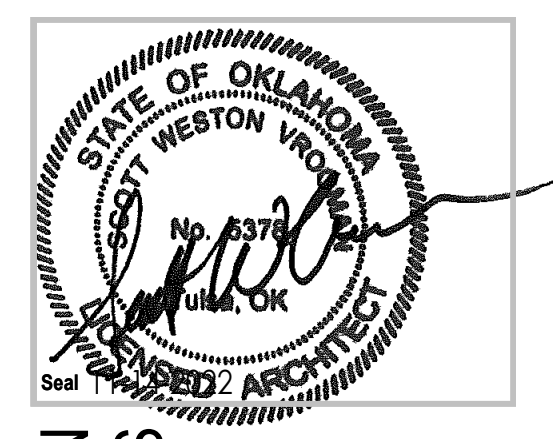
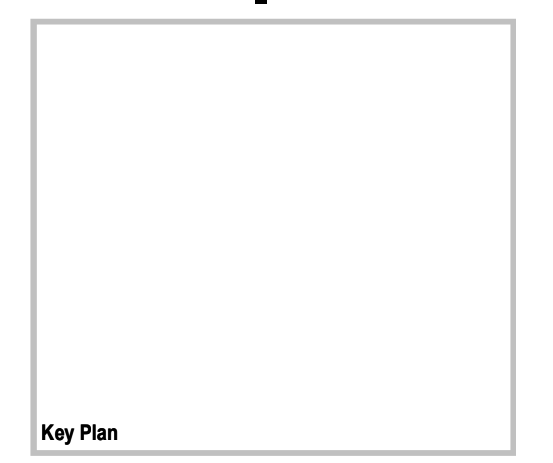
DRYER EXHAUST NOTES

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
4 BEDROOM**

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



CONSTRUCTION
DOCUMENTS

PROJECT NO: 01-2207
SHEET TITLE: MECHANICAL PLAN

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

M-101

PRINT THIS SHEET FULL SIZE AT 24" X 36" 28.0221 11:28:46 AM

No.	Description	Date

REVISIONS

Consultants

DOMESTIC WATER SUPPLY NOTES

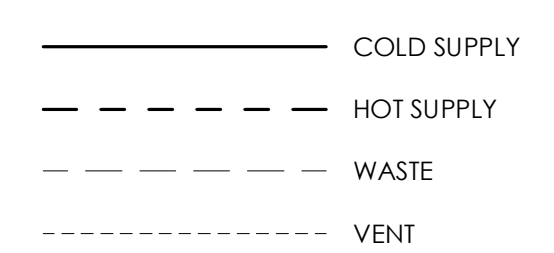
- SERVICE ENTRANCE**
LOCATE WATER SERVICE ENTRANCE & SHUT OFF VALVE ADJACENT WATER HEATER
- WATER HEATER TO BE 50 GALLON TANK
 - EXTEND WATER SERVICE TO SITE UTILITY OR PRIVATE WELL SYSTEM
 - SUPPLY WATER HEATER WITH MIN 1" COLD WATER LINE

- 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.

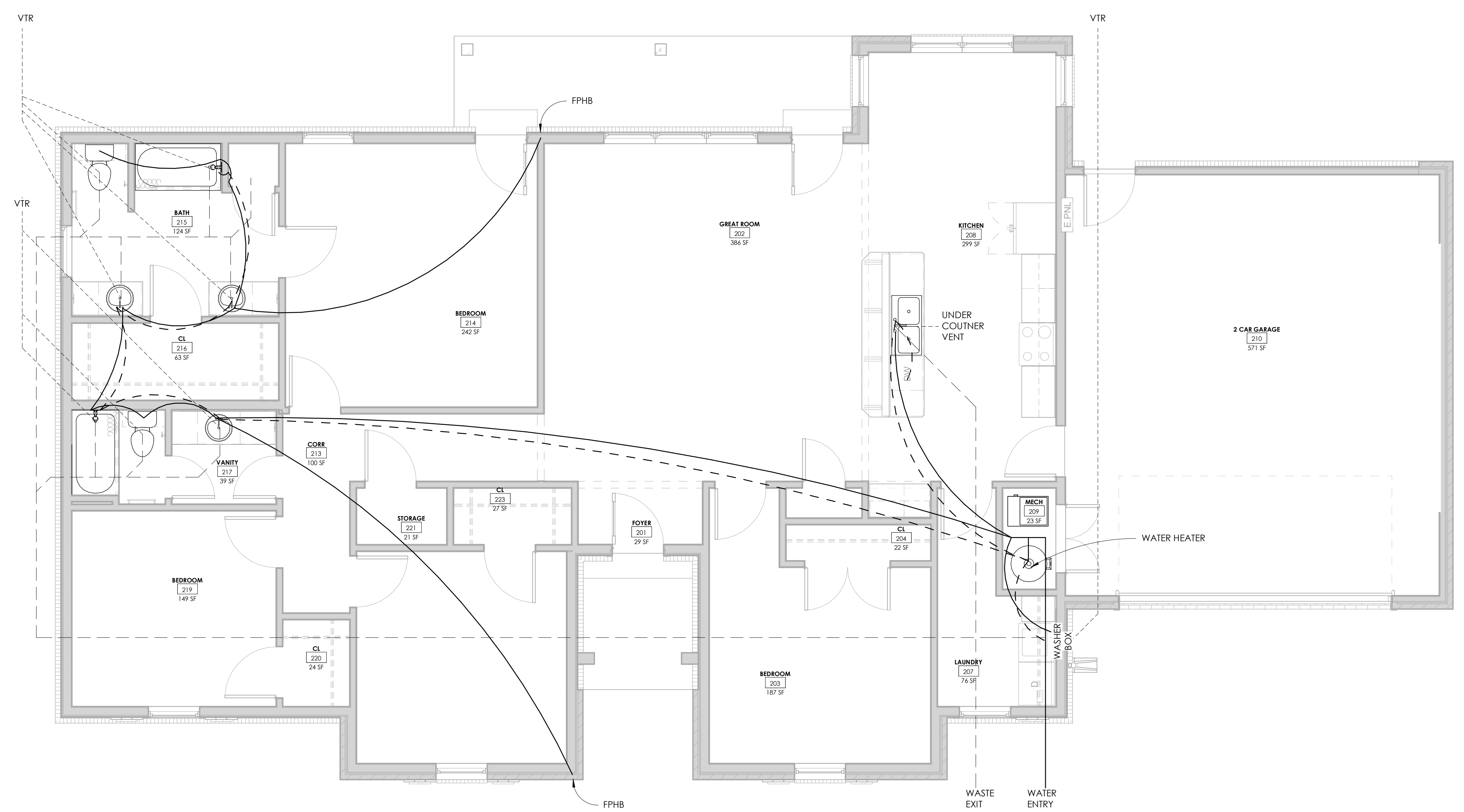
WASTE AND VENT NOTES

- 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

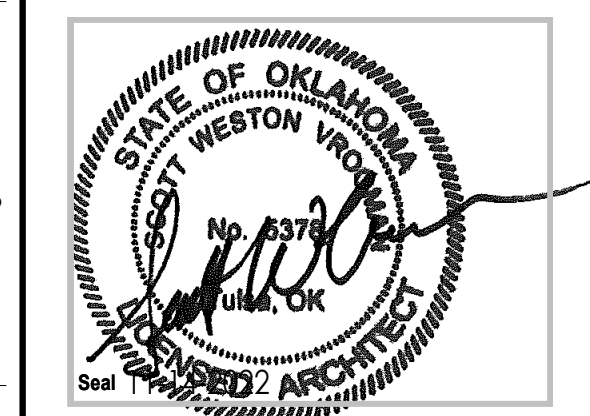


1 FLOOR PLAN - B (PLUMBING)
1/4" = 1'-0"

**SINGLE FAMILY HOME
4 BEDROOM**

HOUSING AUTHORITY OF
THE CHEROKEE NATION

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



CONSTRUCTION DOCUMENTS

PROJECT NO. 01-2207

SHEET TITLE: **PLUMBING PLAN**

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

P-101

PRINT THIS SHEET FULL SIZE AT 24" X 36" 28.0202.11.28.48 AM