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THE NASHVILLE

MODERN FARMER PLAN

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GENERAL NOTES:

THIS PLAN SET, COMBINED WITH THE BUILDING CONTRACT, PROVIDES BUILDING DETAILS FOR THE RESIDENTIAL PROJECT. THE CONTRACTOR SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH INTERNATIONAL BUILDING CODES AND LOCAL CODES. CONTRACTOR SHALL BE RESPONSIBLE AND BEAR ANY FINES OR PENALTIES FOR CODE, ORDINANCE, REGULATION OR BUILDING PROCESS VIOLATIONS. INSURANCES SHALL BE IN FORCE THROUGHOUT THE DURATION OF THE BUILDING PROJECT.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

ALL TRADES SHALL MAINTAIN A CLEAN WORK SITE AT THE END OF EACH WORK DAY.

PLEASE SEE ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.

PROJECT: NASHVILLE ADDRESS: 112715 TUCKMAN LN.

LEGAL: LOT 15, BLOCK 11

FIRE DISTRICT CITY OF NASHVILLE WATER/SEWER: METRO WATER SERVICES

STORM WATER PERMIT: BUILDING PERMIT:

DESIGNER: DESIGN CONSULTANT: BUILDER:

SITE DISTURBANCE: ENGINEERING:

V 35

CEILING PLAN FLOOR FRAMING WALL FRAMING **ROOF & FRAMING PLAN** SECTIONS & DETAILS SECTIONS & DETAILS SECTIONS & DETAILS INTERIOR ELEVATIONS **ELEVATIONS & PERSPECTIVES** DOOR & WINDOW SCHEDULE ELECTRICAL PLAN PLUMBING & HVAC PLAN **CLOSET SUITE ELEVATIONS** BATH SUITE PLAN & ELEVATIONS KITCHEN PLAN & ELEVATIONS

PROJECT SUMMARY

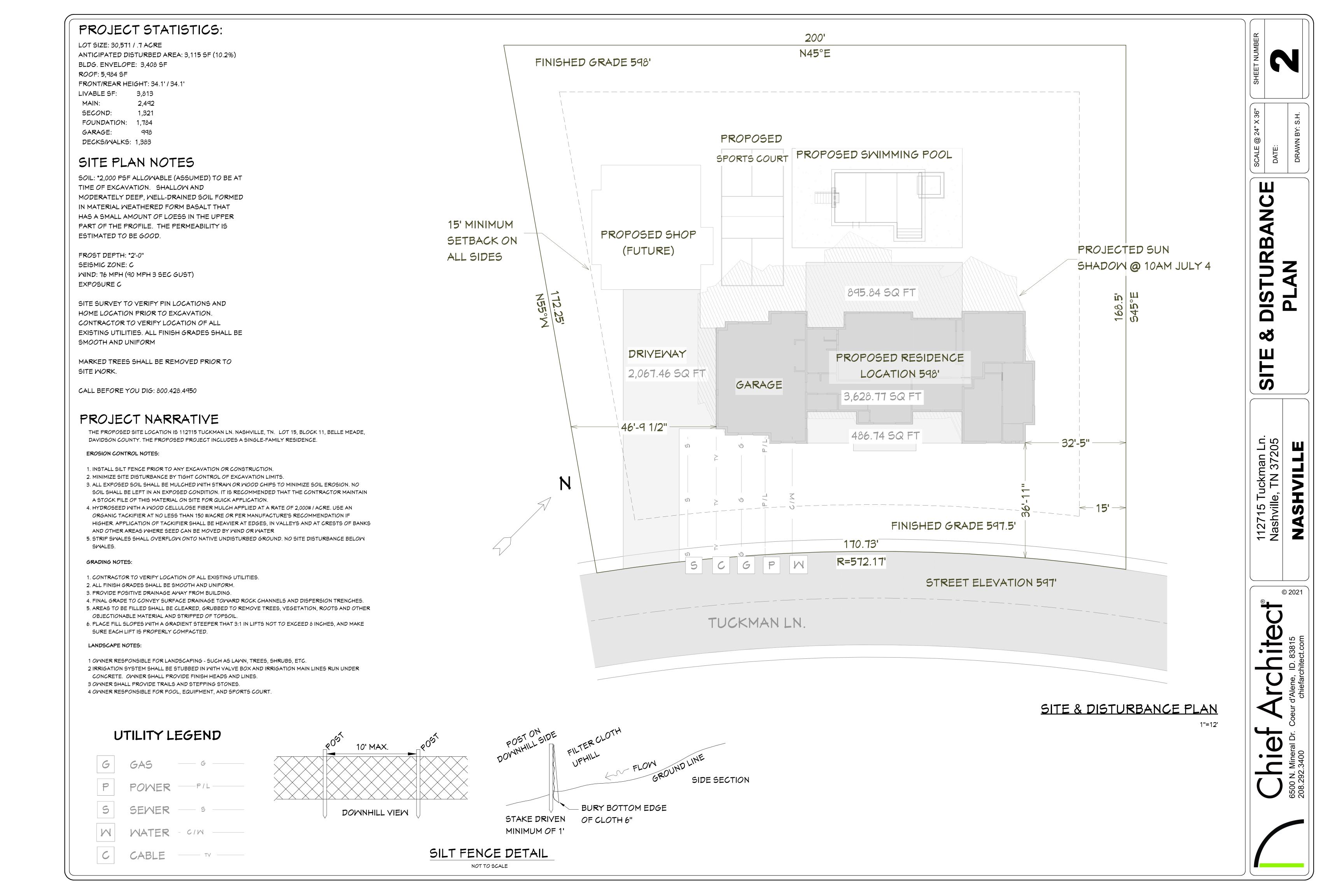
1ST FLOOR PLAN

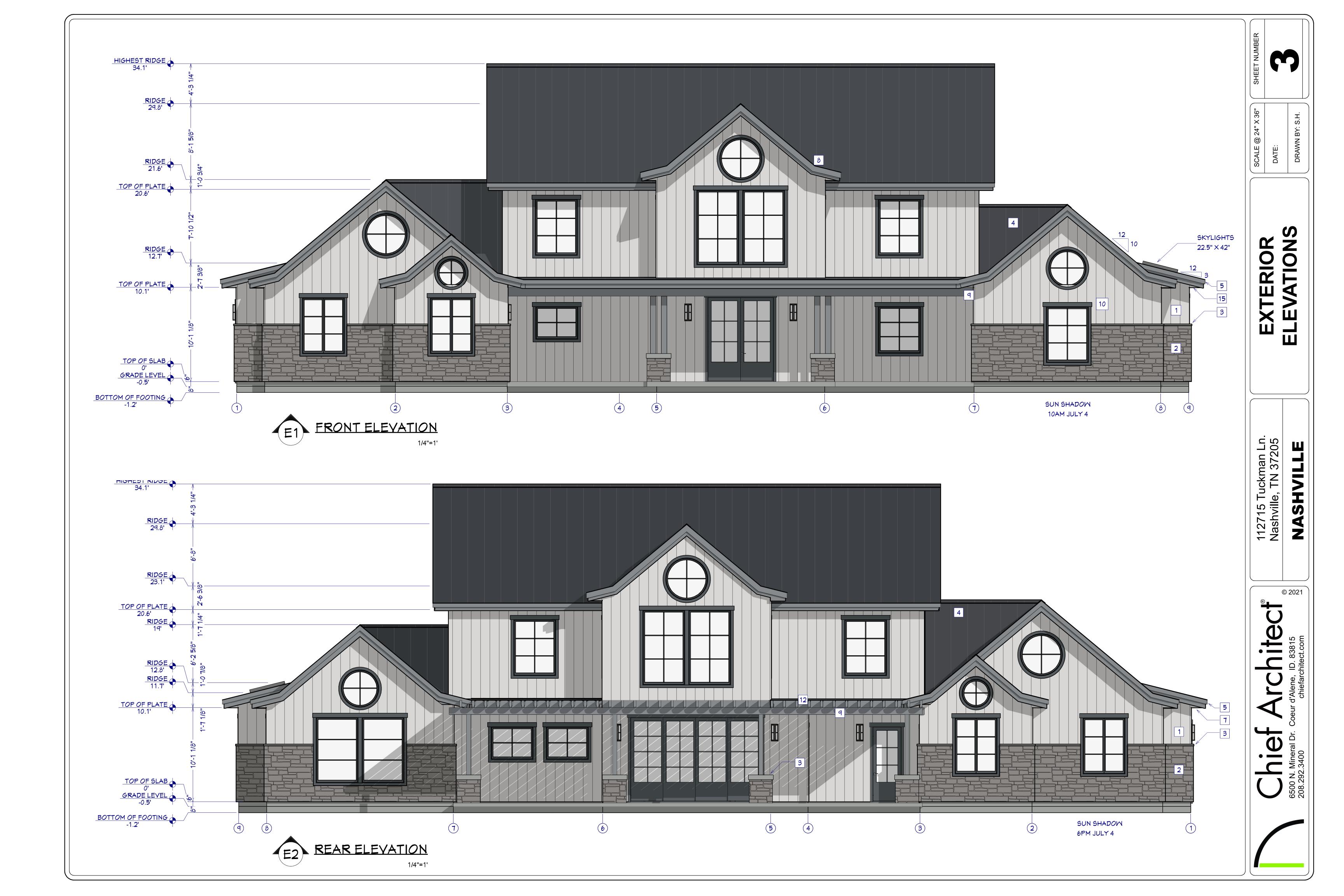
2ND FLOOR PLAN

FOUNDATION PLAN

SITE & DISTURBANCE PLAN EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS









EXTERIOR KEY NOTES

- 1 BOARD & BATTEN FIBER CEMENT SIDING
- 2 MFG. STONE
- 3 STONE CAP
- 4 SEAMED METAL ROOFING
- FASCIA 11.25"
 SHADOM BOARD 5.5"
 RAIN GUTTER AND DOWN SPOUT ALL
 RELEVANT EDGES
- 6 VENT ALL SOFFITS
- 7 FLUSH EAVES
- 8 ROOF PITCH CHANGE
- 9 CEDAR GLULAM BEAM
- 10 CEDAR TRIM ON ALL WINDOWS
- 11 CEDAR YENT
- 12 ALUMINUM WRAPPED TRELLIS
- 13 GARAGE DOOR W GLASS PANELS
- 14 SKYLIGHTS 22.5" X 42"
- 15 FLUSH EAVES, VENTED

BUILDING

PERFORMANCE:

- 1. HEAT LOSS CALCULATIONS SHALL COMPLY WITH RESCHECK AND/OR REQUIREMENTS OF LOCAL CODES.
- 2. PORCHES, DECKS, BALCONIES, FOUNDATION AND GARAGE AREAS NOT INCLUDED IN LIVING AREA.
- 3. ALL EXHAUST FANS TO BE VENTED DIRECTLY TO THE EXTERIOR. ALL PENETRATIONS OF THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULK OR FOAM.
- 4. IF THERE IS THERE IS A CRAWLSPACE, VENTING TO MEET LOCAL CODE REQUIREMENTS INSULATE ALL ACCESS DOORS/ HATCHES TO CRAWL SPACES AND ATTICS TO THE EQUIVALENT RATING OF THE WALL, FLOOR OR CEILING THROUGH WHICH THEY PENETRATE, UNO.
- 5. INSULATE FOUNDATION SLAB PER PLAN.
- 6. MINIMUM INSULATION:

ATTIC/CEILING R-50 R-21 WALLS FLOORS R-38

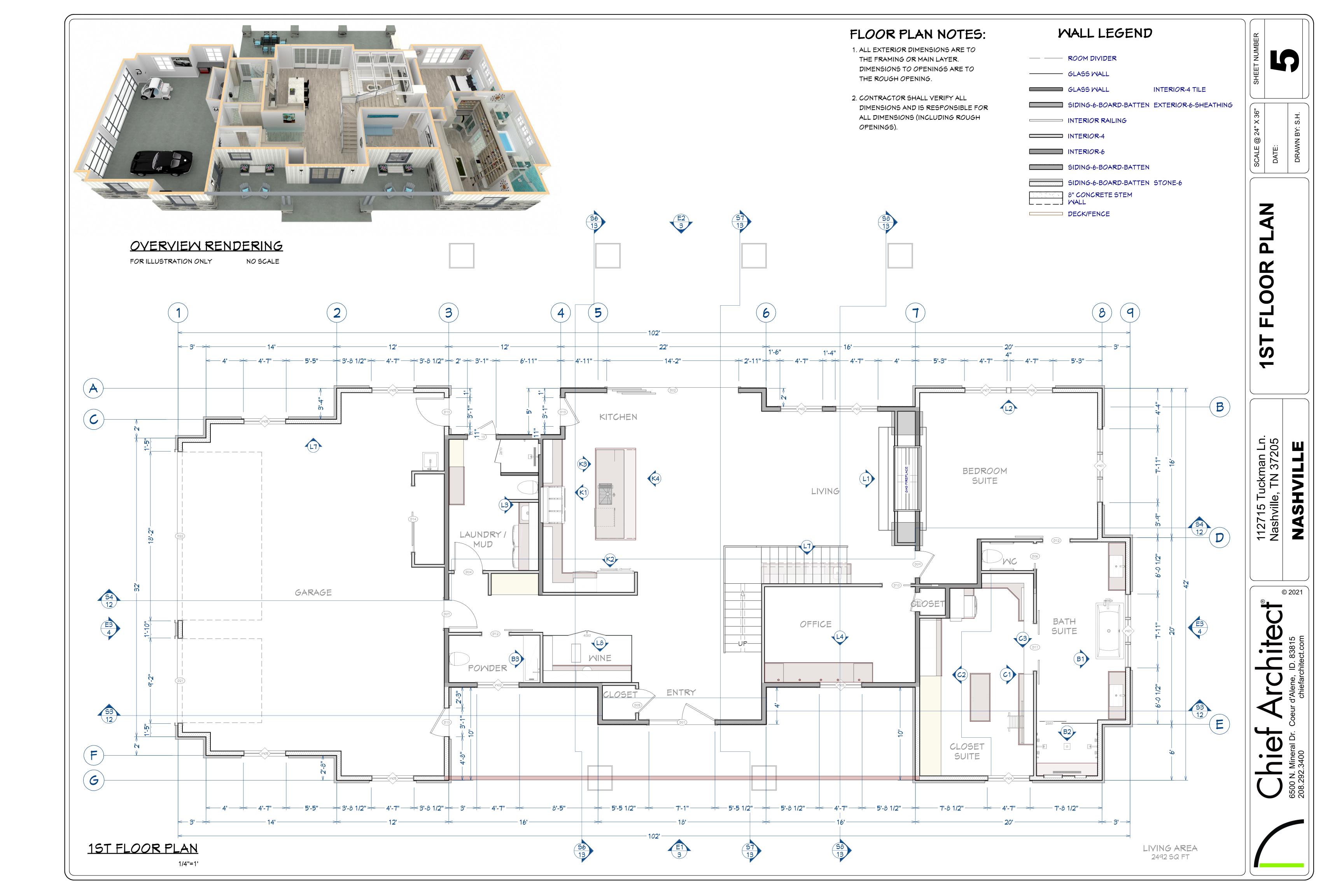


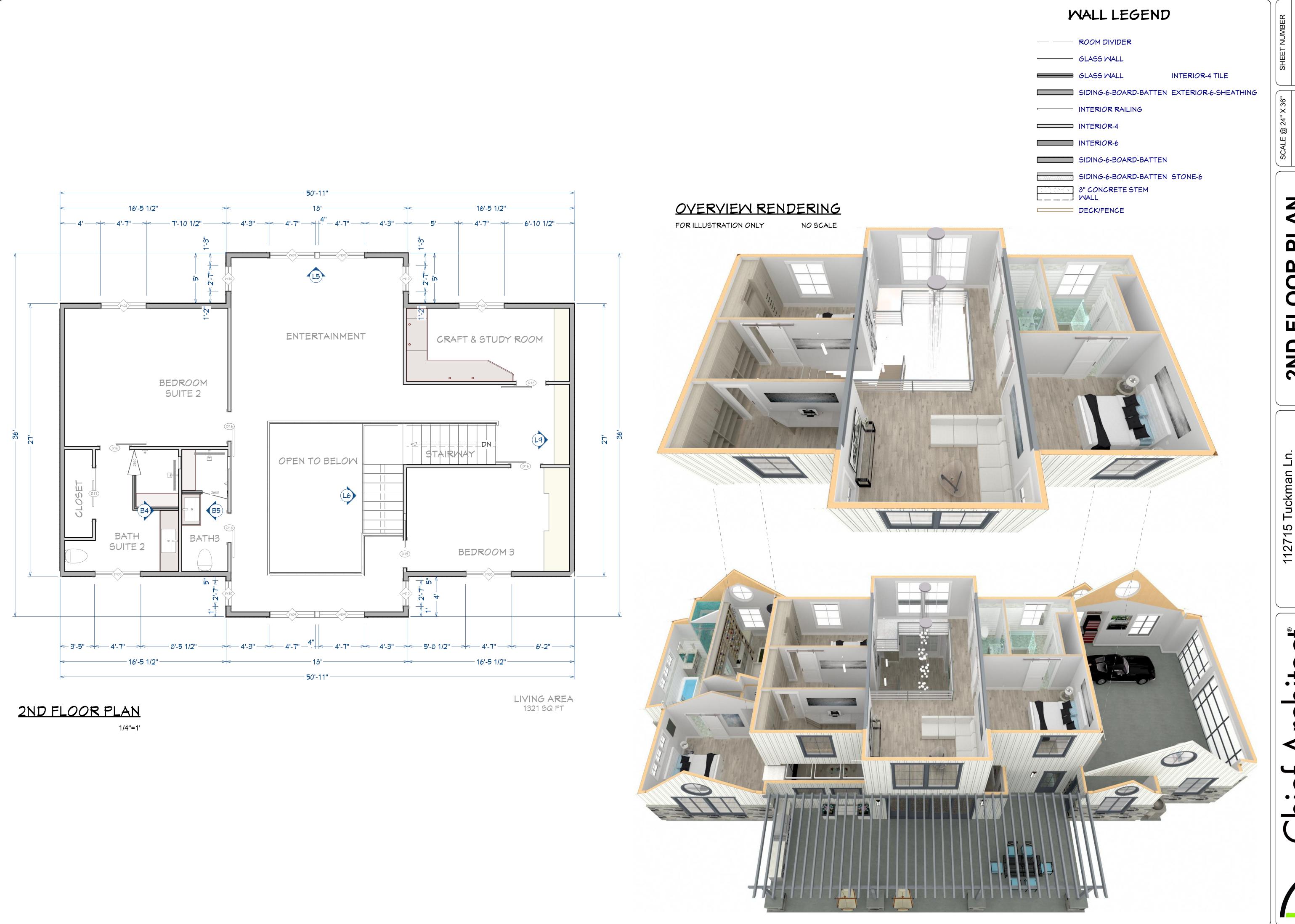
Compliance Certificate

Nashville

Energy Code: Construction Type: Orientation: Conditioned Floor Area: 3,814 ft2 Glazing Area Climate Zone: 4 (3729 HDD)

2015 IECC Nashville, Tennessee Single-family **New Construction** Bldg. faces 135 deg. from North

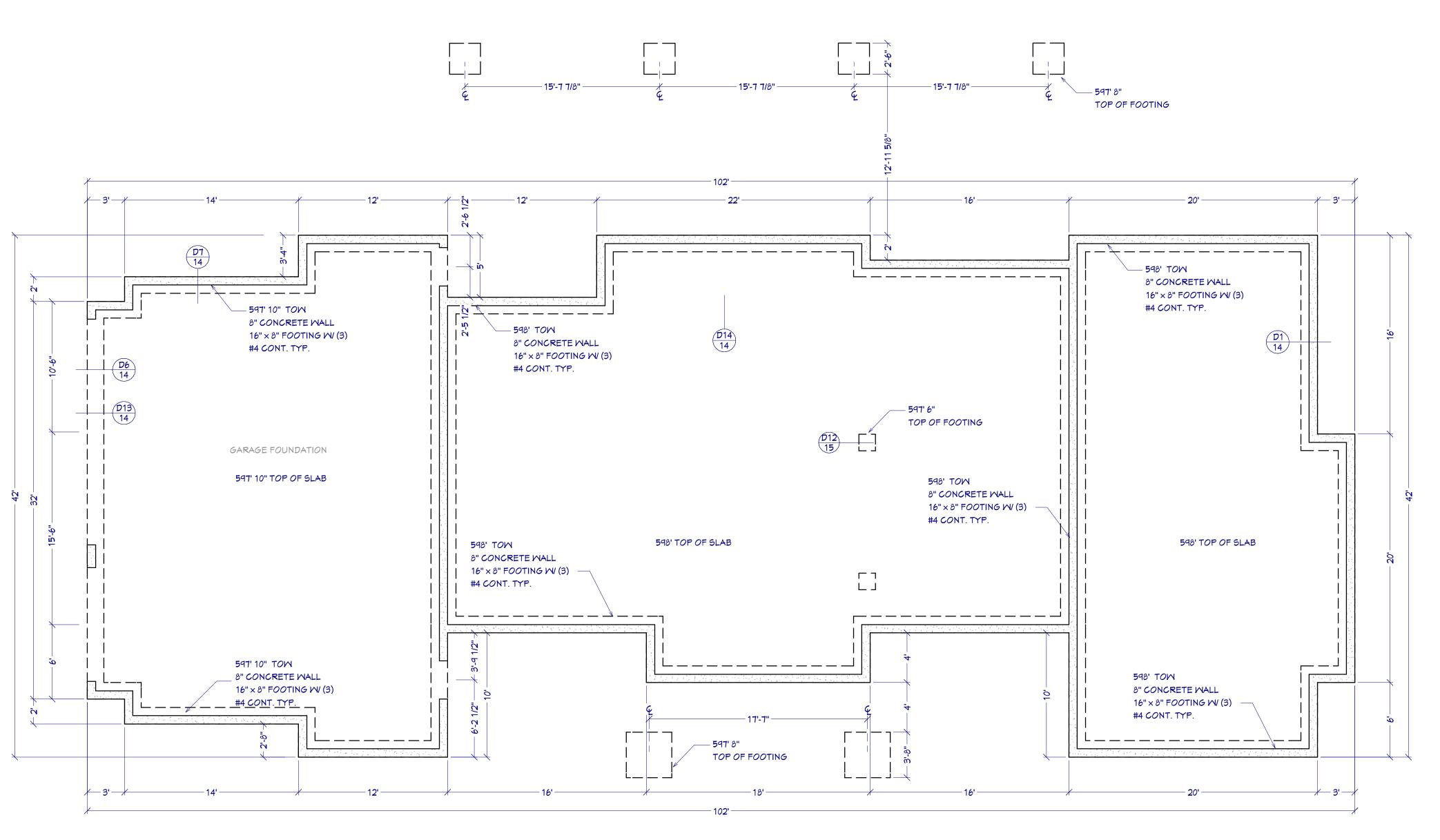




DRAWN BY: S.H.

NASHVIL

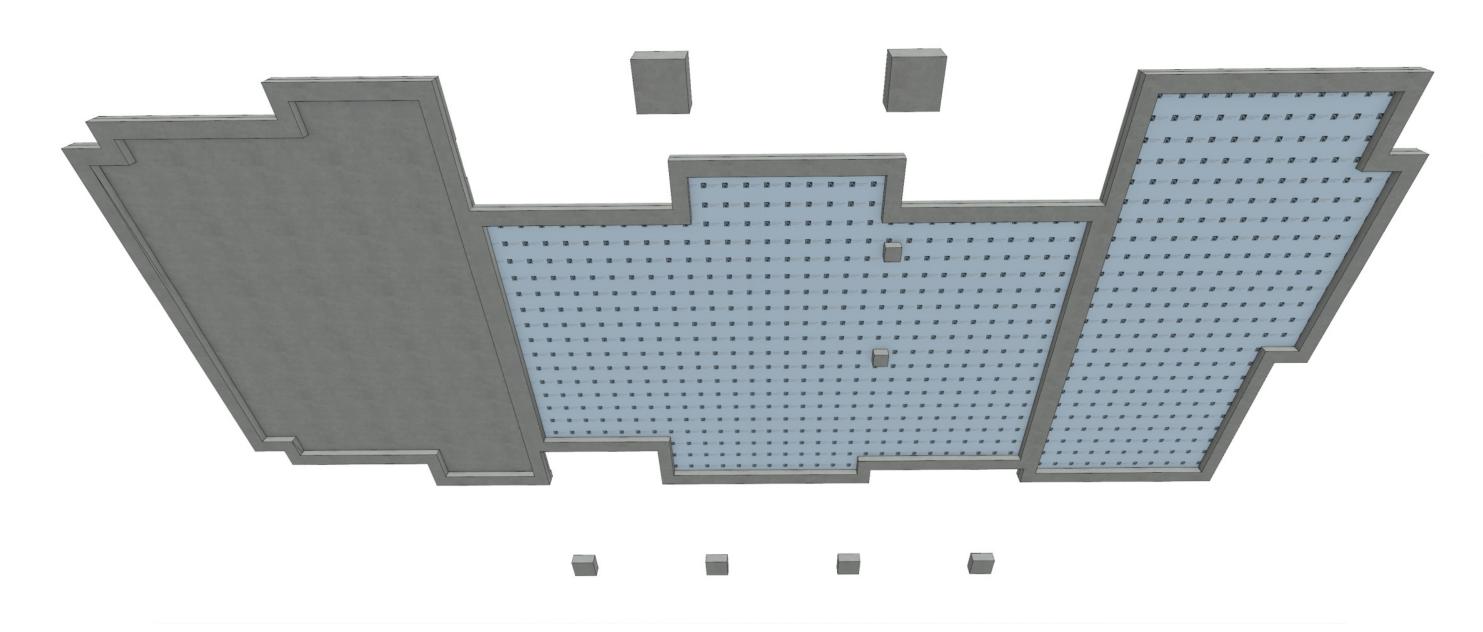
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FOUNDATION SLAB PLAN

FOUNDATION SLAB NOTES

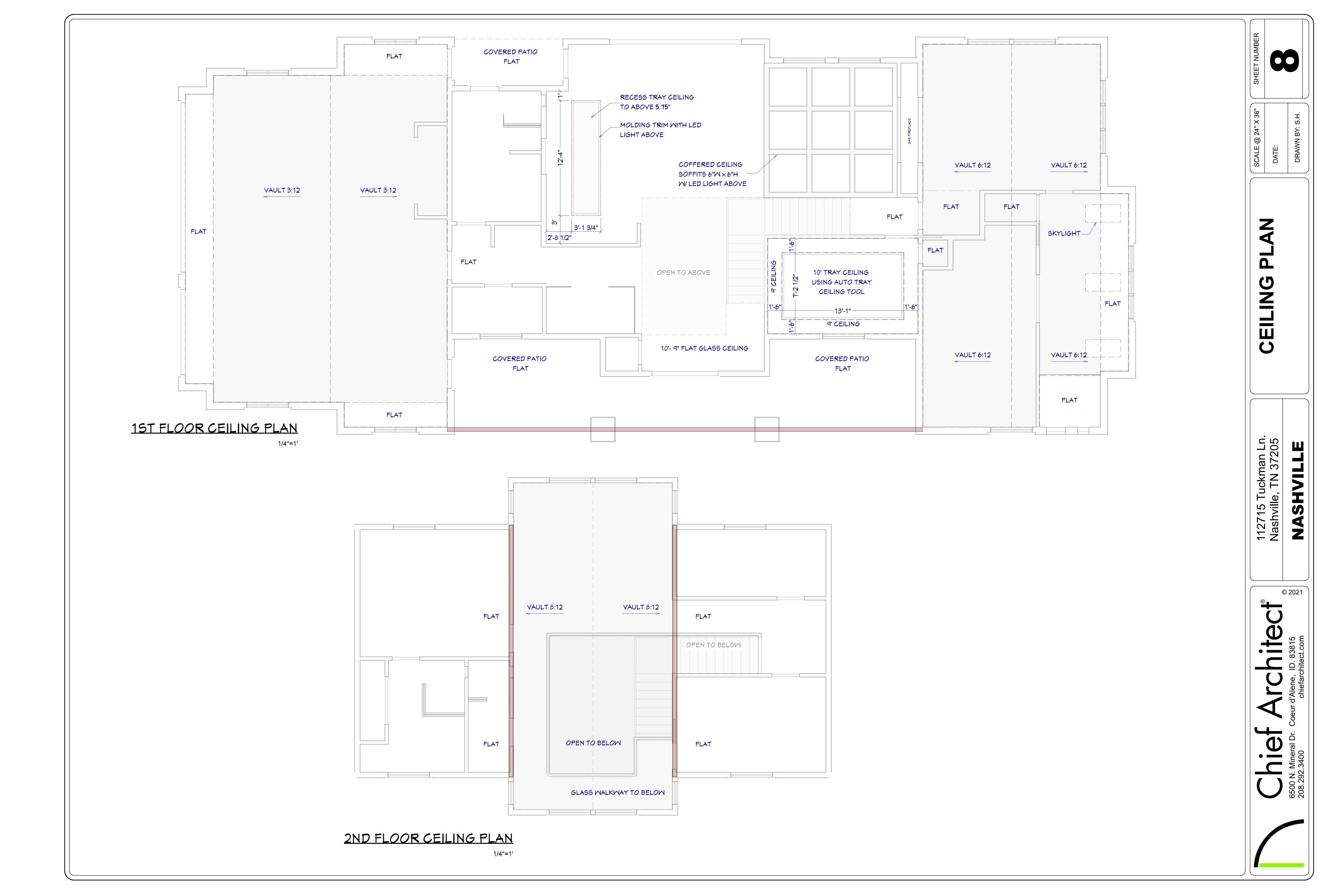
- 1. ALL ANCHOR BOLTS TO BE 5/8" DIA X 10 @ 32" O/C UNO. SEE SHEAR PLANS FOR HOLD DOWN DETAILS
- 2. ALL REINFORCING STEEL SHALL BE ASTM A-615, GRADE 60
- 3. ALL REINFORCING STEEL TO OVERLAP A MINIMUM OF 24" FOR SPLICES FOR #4 BARS & 36" FOR #5 BARS
- 4. PROVIDE CORNER BARS TO MATCH CONTINUOUS STEEL
- 5. MINIMUM ALLOWABLE CONCRETE COMPRESSIVE STRENGTH SHALL BE 3,000 PSI (DESIGNED AS 2,500 PSI) AT 26 DAYS. MAXIMUM AGGREGATE SIZE IS 1". MAXIMUM AIR ENTRAINMENT IS 3%. CEMENT SHOULD BE TYPE 10R2
- 6. SOIL BEARING CAPACITY ASSUMED TO BE 2,000 PSF. IF SOIL CONDITIONS VARY FROM THIS, THE PROJECT ENGINEER MUST BE NOTIFIED. ALL FOOTINGS MUST BEAR ON UNDISTURBED SOIL. ALL SLOPES MUST BE STABILIZED
- 7. ADJACENT GROUND SURFACES SHALL BE SLOPED AWAY FROM STRUCTURE DRAINAGE OF SURROUNDING AREA SHALL ALSO BE PROVIDED TO PREVENT ACCUMULATION OF SOIL AND EROSION OF SOIL NEAR FOOTINGS
- 8. UNIFORM SOIL CONDITIONS, MUST BE PROVIDED UNDER SLAB AND FOOTINGS. CUT/FILL OR NON-UNIFORM SOIL CONDITIONS SHOULD BE EXCAVATED AND REPLACED W/ UNIFORM ENGINEERED FILL MATERIAL TO MINIMIZE DIFFERENTIAL MOVEMENT
- 9. THE TOPS OF FOUNDATION WALLS SHALL EXTEND 6" ABOVE THE ADJACENT FINISH GRADE



SLAB BOTTOM PERSPECTIVE VIEW

FOR ILLUSTRATION ONLY

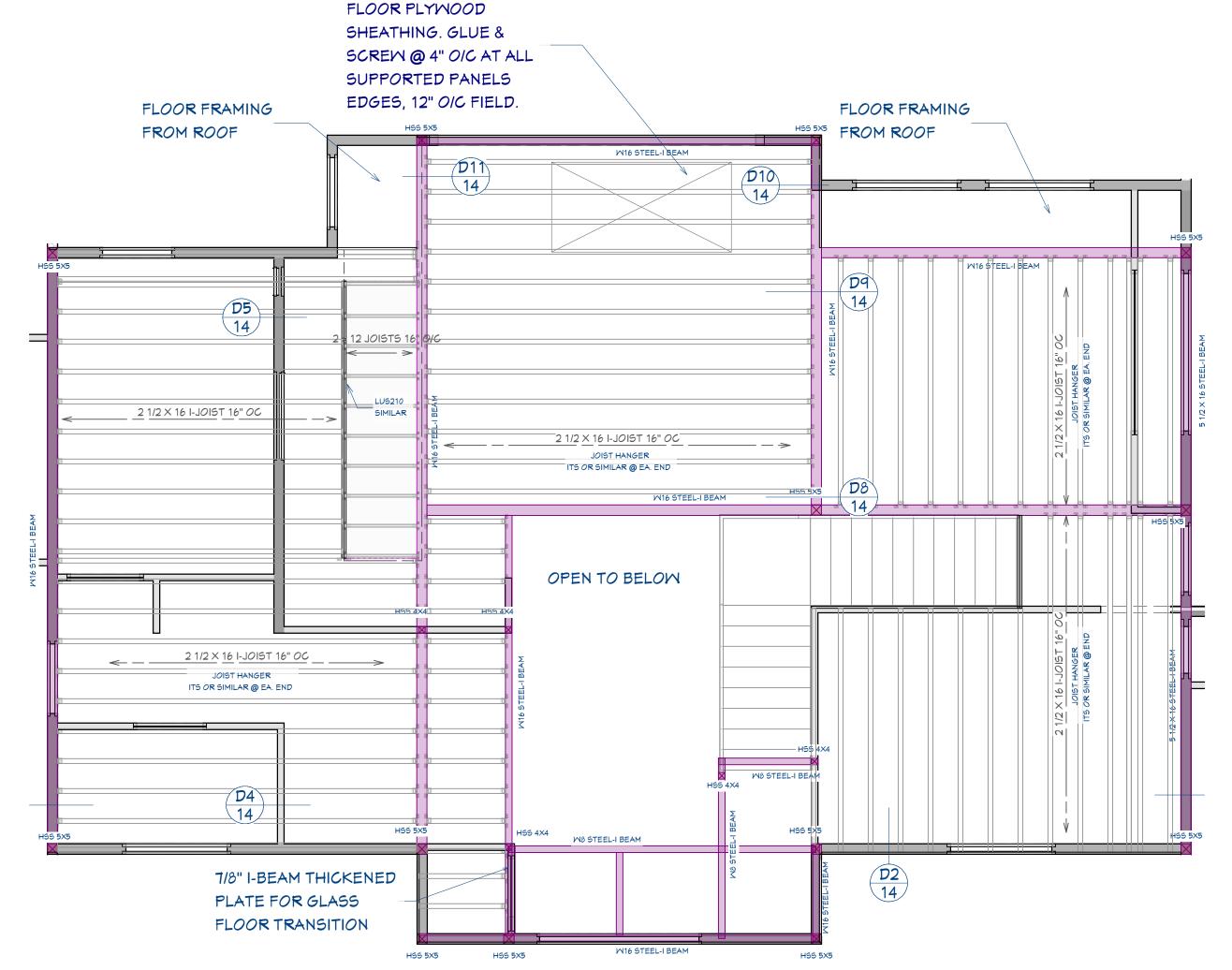
NO SCALE



GENERAL FRAMING NOTES:

- 1. ALL DIMENSIONAL LUMBER SHALL BE DOUGLAS FIR LARCH NO. 2 AND LARGER LUMBER SHALL BE DOUGLAS FIR NO.1 OR BETTER, UNO.
- 2. WALL HEADERS: (2) 2 X 10 DF 2 W/ IK/IT TYP. UNO
- 3. I-JOISTS AND LVL MEMBERS MUST BE INSTALLED IN COMPLIANCE WITH THEIR LISTINGS.
- 4. ALL TRUSSES SHALL BE ENGINEERED AND STAMPED WITH A SEPARATE ENGINEERED DOCUMENT.
- 5. PRE-MANUFACTURED WOOD JOISTS & TRUSSES SHALL BE OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS, MANUFACTURED BY THE TRUSS OR JOIST COMPANY. NO MEMBERS SHALL BE MODIFIED AND MUST BE INSTALLED IN COMPLIANCE WITH THEIR LISTINGS. PROVIDE BRIDGING IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

 MEMBERS AND BRIDGING SHALL BE CAPABLE OF RESISTING THE WIND UPLIFT NOTED ON THE DRAWINGS. THE MANUFACTURER SHALL VISIT JOB SITE AS REQUIRED AND VERIFY THE PROPER INSTALLATION OF THE JOISTS & TRUSSES IN WRITING TO THE CONTRACTOR/ENGINEER. PREMANUFACTURED WOOD JOIST ALTERNATES WILL BE CONSIDERED, PROVIDED THE ALTERNATE IS COMPATIBLE WITH THE LOAD CAPACITY, STIFFNESS, DIMENSIONAL, AND FIRE RATING REQUIREMENTS OF THE PROJECT, AND IS ENGINEER OR ICBO APPROVED.
- 6. ALL JOISTS AND RAFTERS SHALL HAVE SOLID BLOCKING AT THEIR BEARING POINTS. CONNECT BLOCKING TO TOP OF WALL W/ SIMPSON FRAMING ANCHORS. ROOF JOIST TO HAVE HURRICANE CLIPS @ 48" O.C. OR SIMPSON H-1 HURRICANE CLIPS @ 24" O/C. INSTALL PRIOR TO ROOF SHEETING.
- 7. ALL WOOD & IRON CONNECTIONS MUST CARRY THE CAPACITY OF THE MEMBER. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTIONS. IF OTHER THAN STANDARD CONNECTIONS ARE REQUIRED, CONTACT PROJECT ENGINEER FOR ASSISTANCE. USE SIMPSON OR OTHER ICC LISTED CONNECTIONS.
- 8. ALL HANGERS AND NAILS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE SIMPSON Z-MAX HANGERS OR STAINLESS STEEL.
- 9. NAILS: ALL SHEAR WALL SHEATHING NAILS SHALL BE COMMON NAILS ALL FRAMING NAILS SHALL BE COMMON NAILS. OR HOT DIPPED GALVANIZED BOX NAILS. FRAMING NAILS SHALL BE PER IBC TABLE 2304.9.1 OR IRC TABLE R602.3(1).
- 10. THRUST SHALL BE ELIMINATED BY THE USE OF COLLAR TIES OR CEILING JOISTS, WHERE REQUIRED.
- 11. BEVELED BEARING PLATES ARE REQUIRED AT ALL BEARING POINTS FOR BCI & TJI RAFTERS.
- 12. ALL COLUMNS SHALL EXTEND DOWN THRU THE STRUCTURE TO THE FOUNDATION. ALL COLUMNS SHALL BE BRACED AT ALL FLOOR LEVELS. COLUMNS SHALL BE THE SAME WIDTH AS THE MEMBERS THAT THEY ARE SUPPORTING.
- 13. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 1/2" THICK 2-M-W SHEATHING OR EQUAL W/ 8D COMMON NAILS @ 6" O.C. @ EDGES @ 12" O.C. IN FIELD, UNO. SHEATHING SHALL BE CONTINUOUS ACROSS ALL HORIZONTAL FRAMING JOINTS.
- 14. ALL ROOF SHEATHING AND SUB-FLOORING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTS, EXCEPT AS INDICATED ON THE DRAWINGS. ROOF SHEATHING SHALL EITHER BE BLOCKED, TONGUE-AND-GROOVE, OR HAVE EDGES SUPPORTED BY PLYCLIPS. SHEAR WALL SHEATHING SHALL BE BLOCKED WITH 2X FRAMING AT ALL PANEL EDGES. SHEATH ROOF PRIOR TO ANY OVER FRAMING.
- 15. PLYWOOD PANELS SHALL CONFORM TO THE REQUIREMENTS OF "U.S. PRODUCT STANDARD PS 1 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD" OR APA PRP-108 PERFORMANCE STANDARDS. UNO, PANELS SHALL BE APA RATED SHEATHING, EXPOSURE 1, OF THE THICKNESS AND SPAN RATING SHOWN ON THE DRAWINGS. PLYWOOD INSTALLATION SHALL BE IN CONFORMANCE WITH APA RECOMMENDATIONS. ALLOW 1/8" SPACING AT PANELS ENDS AND EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.
- 16. GLULAM BEAMS SHALL BE FABRICATED IN CONFORMANCE WITH U.S. PRODUCT STANDARD PS 56, "STRUCTURAL GLUED LAMINATED TIMBER" AND AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, ATTIC 117. EACH MEMBER SHALL BEAR AN ATIC OR APA-EWS IDENTIFICATION MARK AND BE ACCOMPANIED BY A CERTIFICATE OF CONFORMANCE. ONE COAT OF END SEALER SHALL BE APPLIED IMMEDIATELY AFTER TRIMMING IN EITHER SHOP OR FIELD.
- 17. GLULAM BEAMS SHALL BE 24F-V4 DF/DF OR EQUAL FOR SIMPLE SPANS, AND 24F-V8 DF/DF FOR CONTINUOUS SPANS.
- 18. "YERSA-LAM" & "MICRO-LAM MEMBERS SHALL BE GRADE 2.0 E.
- 19. ANY WOOD IN CONTACT W/ CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- 20. ALL WOOD & IRON CONNECTORS SHALL BE INSTALLED W/ ALL REQUIRED FASTENERS IN COMPLIANCE W/ THEIR WRITTEN APPROVAL.
- 21. ALL HANGERS TO BE "SIMPSON" OR EQUAL.
- 22. NOTIFY EOR PRIOR TO DRILLING HOLES IN STEEL BEAMS.

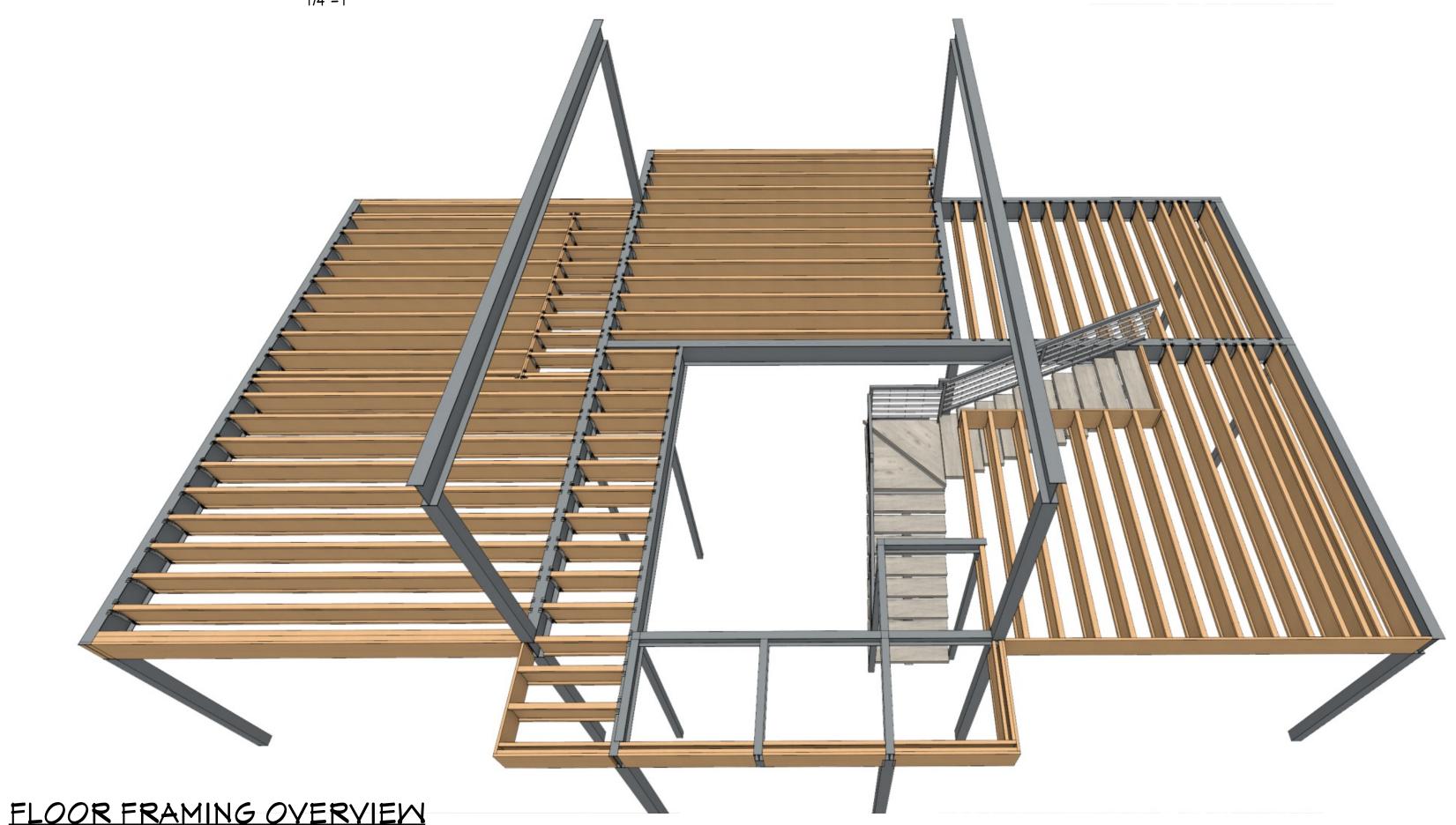


2ND FLOOR FRAMING

FOR ILLUSTRATION ONLY

1/4"=1'

NO SCALE



SHEET NUMBER

DATE: DRAWN BY: S.H.

DATE:

FLOOR FRAMING

12715 Tuckman Ln. Jashville, TN 37205 NASHVILLE

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Vrchite d'Alene, ID. 83815

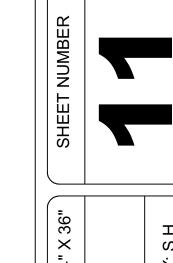
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F4 NORTH SECTION FRAME DETAIL

SOUTH SECTION FRAME DETAIL

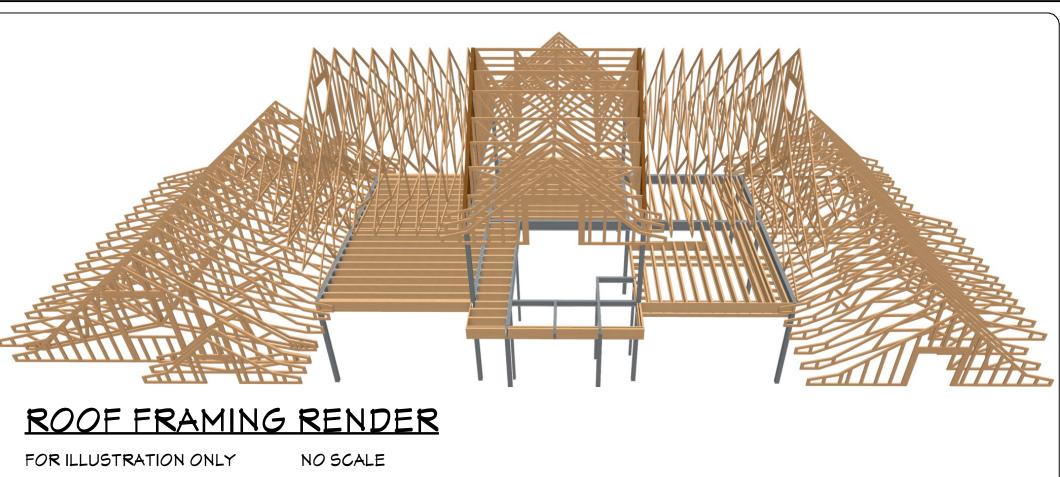
DRAWN BY: S.H. DATE:

RAMING WAL



FRAMING 8

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3:12 10:12 10:12 W15 ← 10:12 __10:12 → 2X10 × 58" HEADER (2) 2X6 × 25" HEADER (2) 15 1/2" H ROOF PLAN

FLOOR PLYMOOD

SHEATHING. GLUE &

SCREM @ 4" O/C AT ALL SUPPORTED PANELS

< 10:12

__10:12__

← 3:12

← 10:12

3/16"=1'

10:12

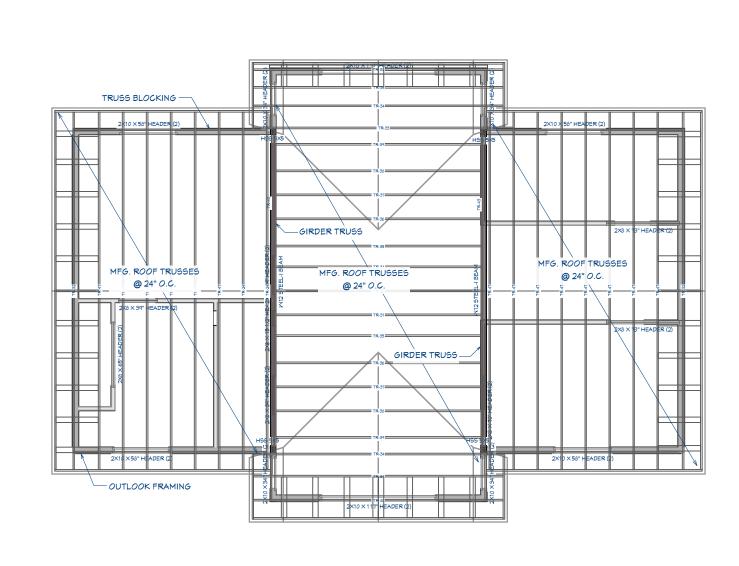
ROOF & FRAMING NOTES:

W15

W15

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- 1. FRAMING IS FOR ILLUSTRATION ONLY. ALL FRAMING SHALL BE INSTALLED & BRACED TO MANUFACTURER'S DRAWINGS & SPECIFICATIONS
- 2. ALL TRUSSES OR TJI'S SHALL CARRY MANUFACTURER'S STAMP
- 3. TRUSSES OR TJI'S SHALL NOT BE FIELD ALTERED WITHOUT PRIOR ENGINEERING
- 4. ALL TRUSSES OR TJI'S SHALL HAVE DESIGN DETAILS & DRAWINGS ON SITE FOR FRAMING INSPECTION.
- 5. ALL CONNECTIONS OF RAFTERS, JACK OR HIP TRUSSES TO MAIN GIRDER TO BE PROVIDED BY TRUSS MANUFACTURER
- 6. ROOF JOIST TO BE TJI 560 OR EQUIVALENT
- 7. ALL ROOF FRAMING 24" O.C.UNO
- 8. ALL ROOF OVERHANGS 24" UNO
- 9. INSTALL ICE SHIELD AS REQUIRED
- 10. INSTALL POLYISOCYANURATE FOAM TYPE INSULATION AT FLOOR AND PLATE LINES, OPENINGS IN PLATES, CORNER STUD CAVITIES AND AROUND DOOR AND WINDOW ROUGH OPENING CAYITIES.
- 11. MIN. SNOW LOAD SHALL BE 25 LBs PER SQUARE FOOT
- 12. ROOF SHEATHING 15/32" OSB OR 1/2" PLYWOOD 32/16 APA RATED W/ 8d @ 6" O/C ALL SUPPORTED PANEL EDGES, 12" O/C FIELD
- 13. ROOF TRUSS OR TJI'S MANUFACTURER:



ROOF FRAMING 2ND FLOOR

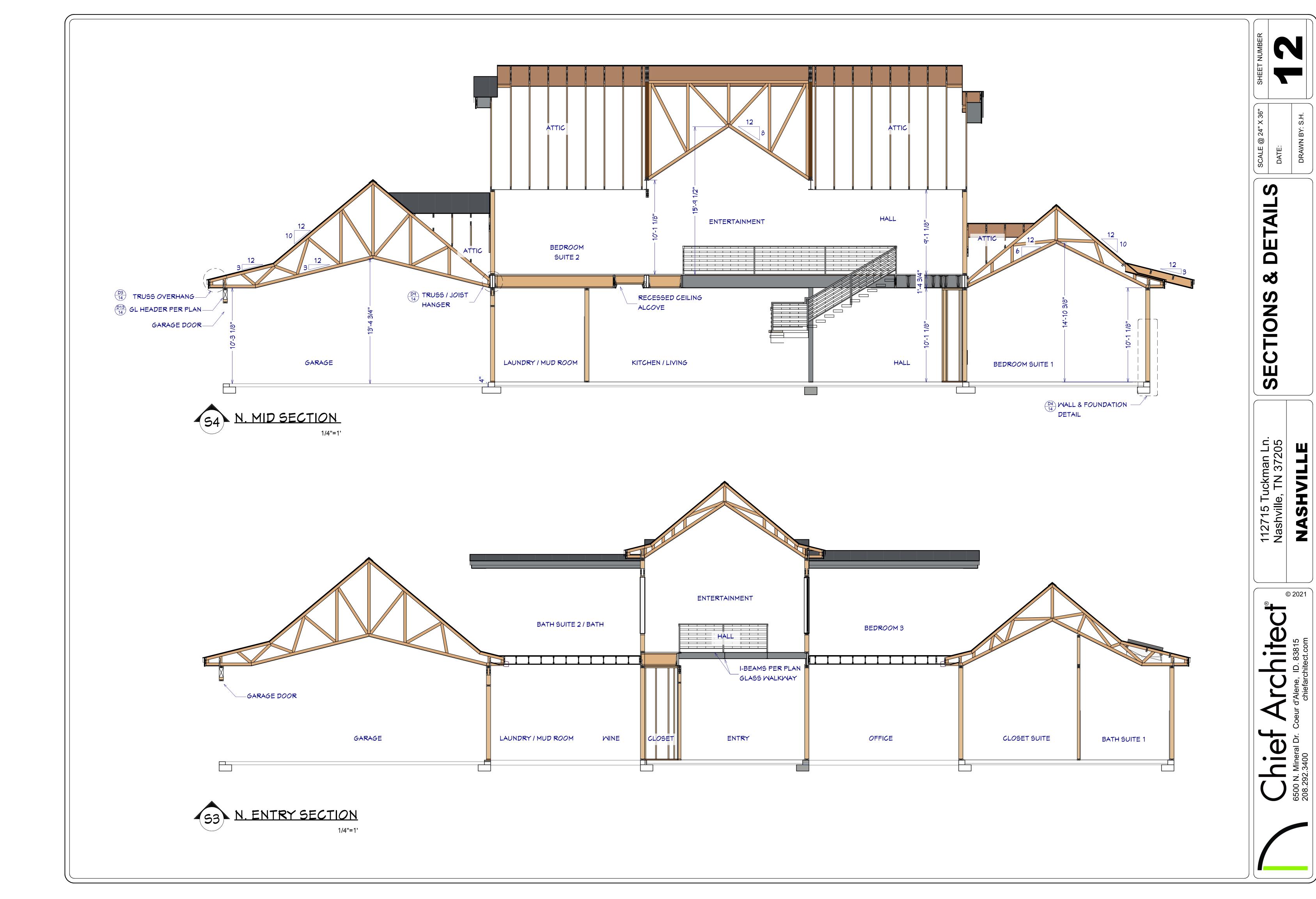
ROOF FRAMING 1ST FLOOR 3/16"=1'

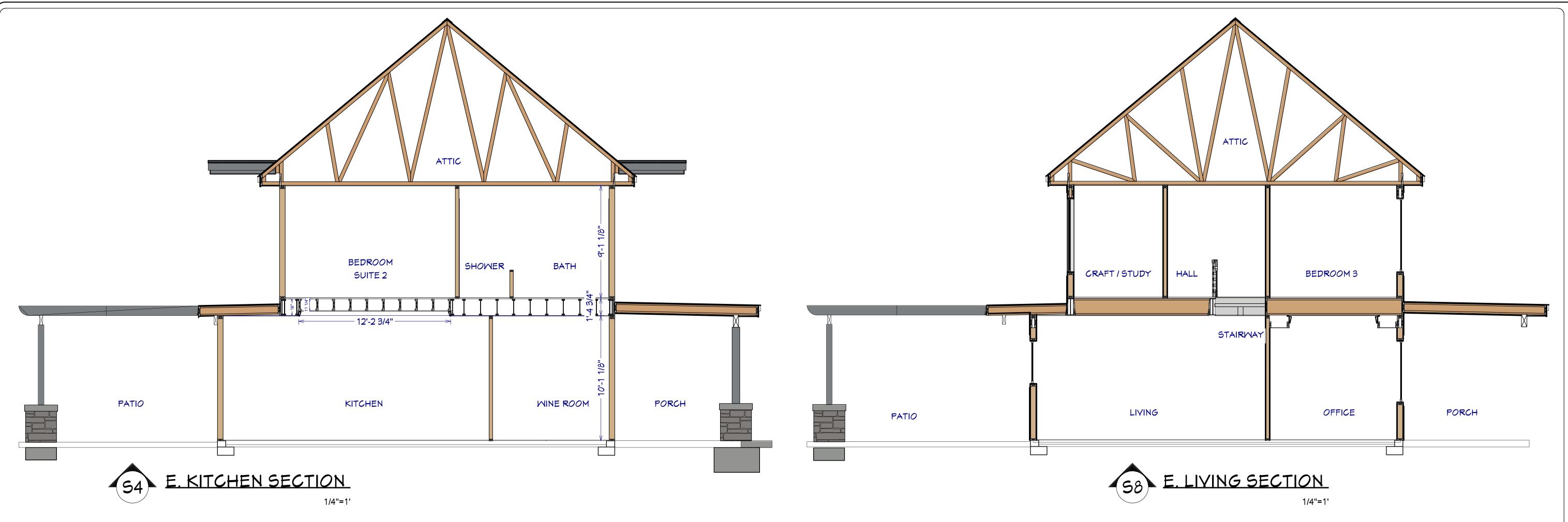
2×10 × 40" HEADER (2)

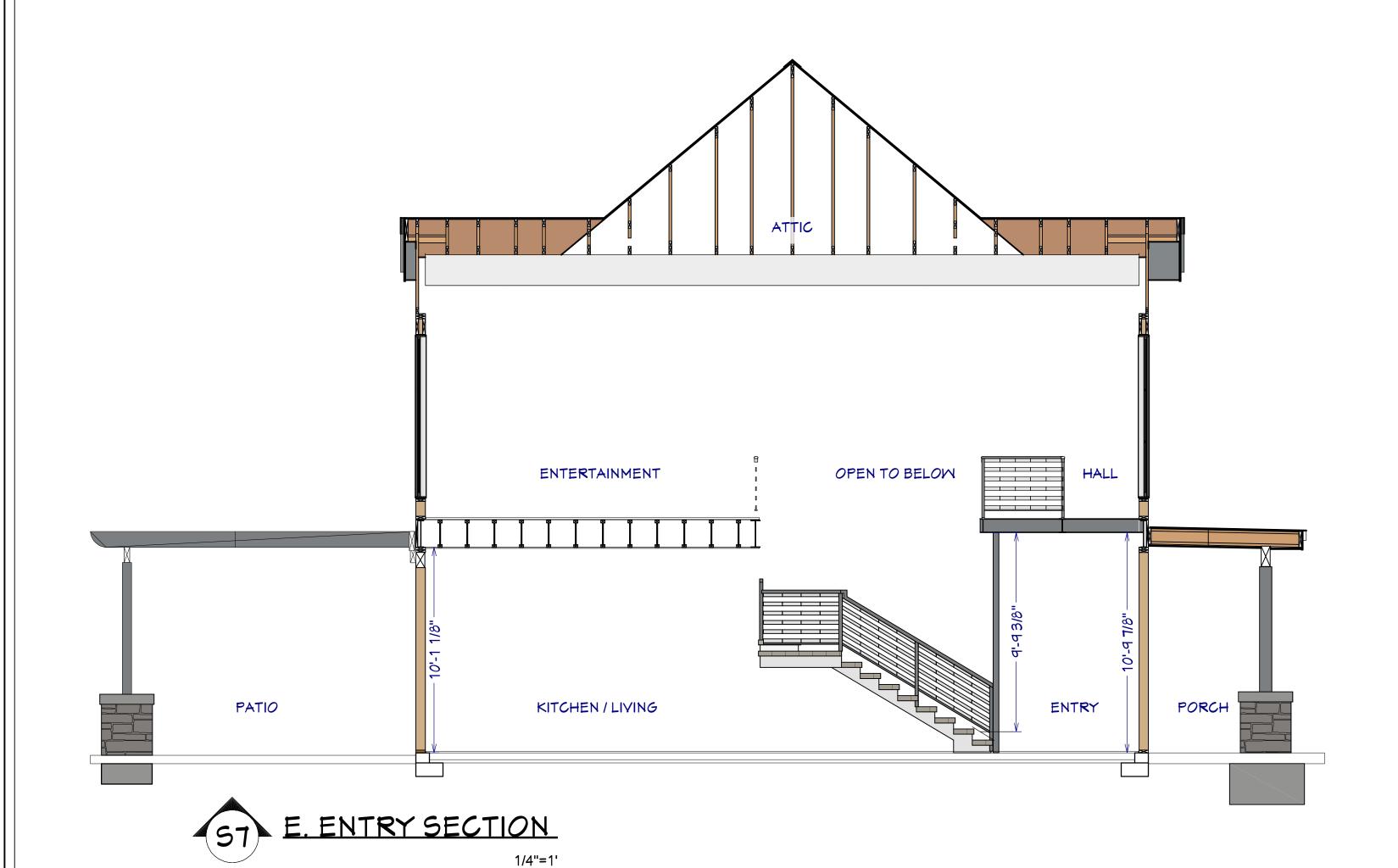
2X8 X 39" HEADER (2)

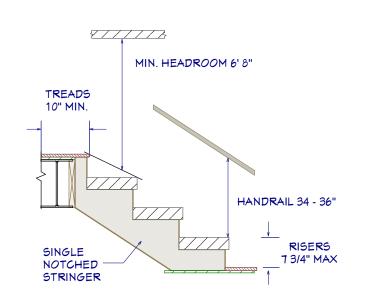
D5

1/8"=1'







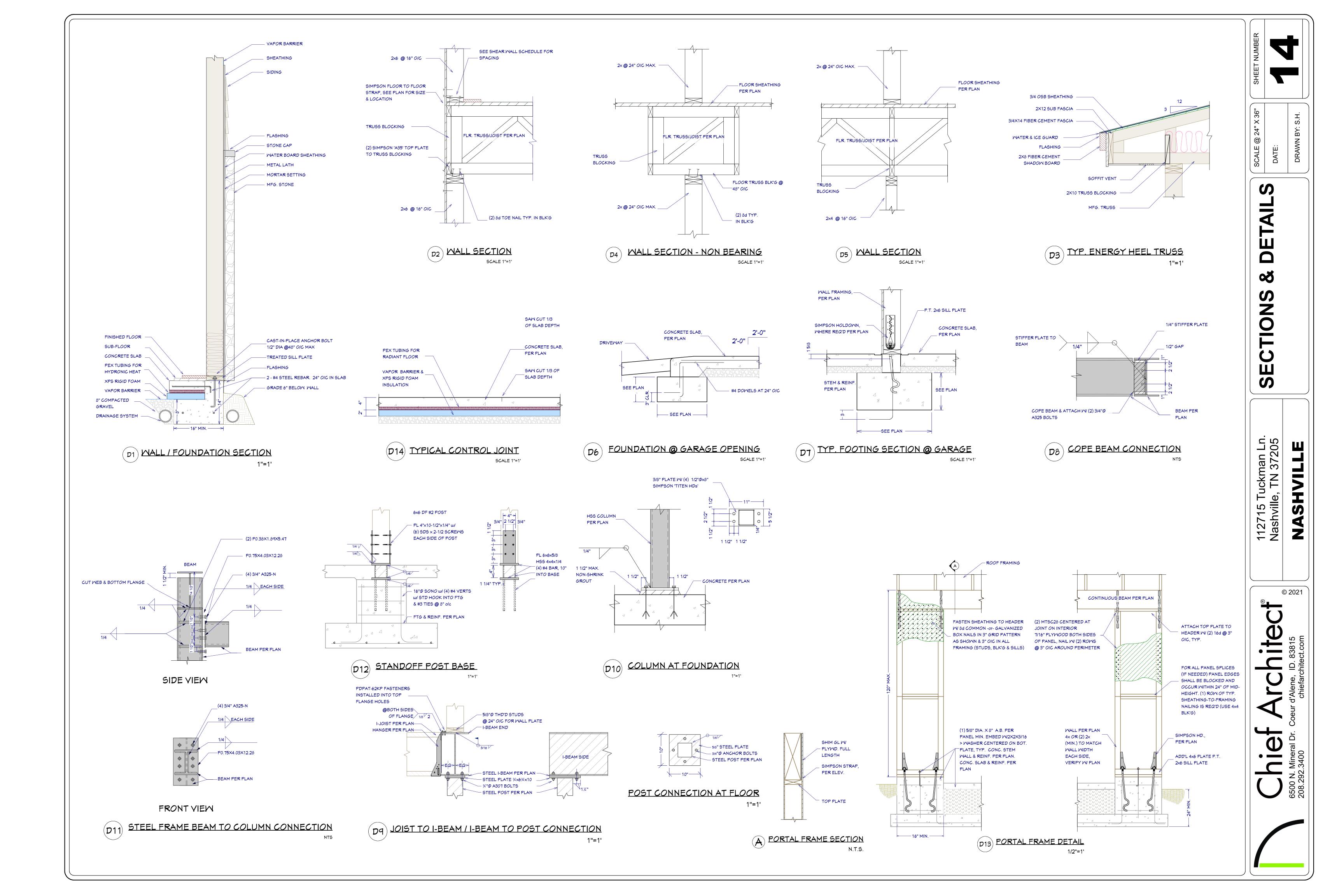


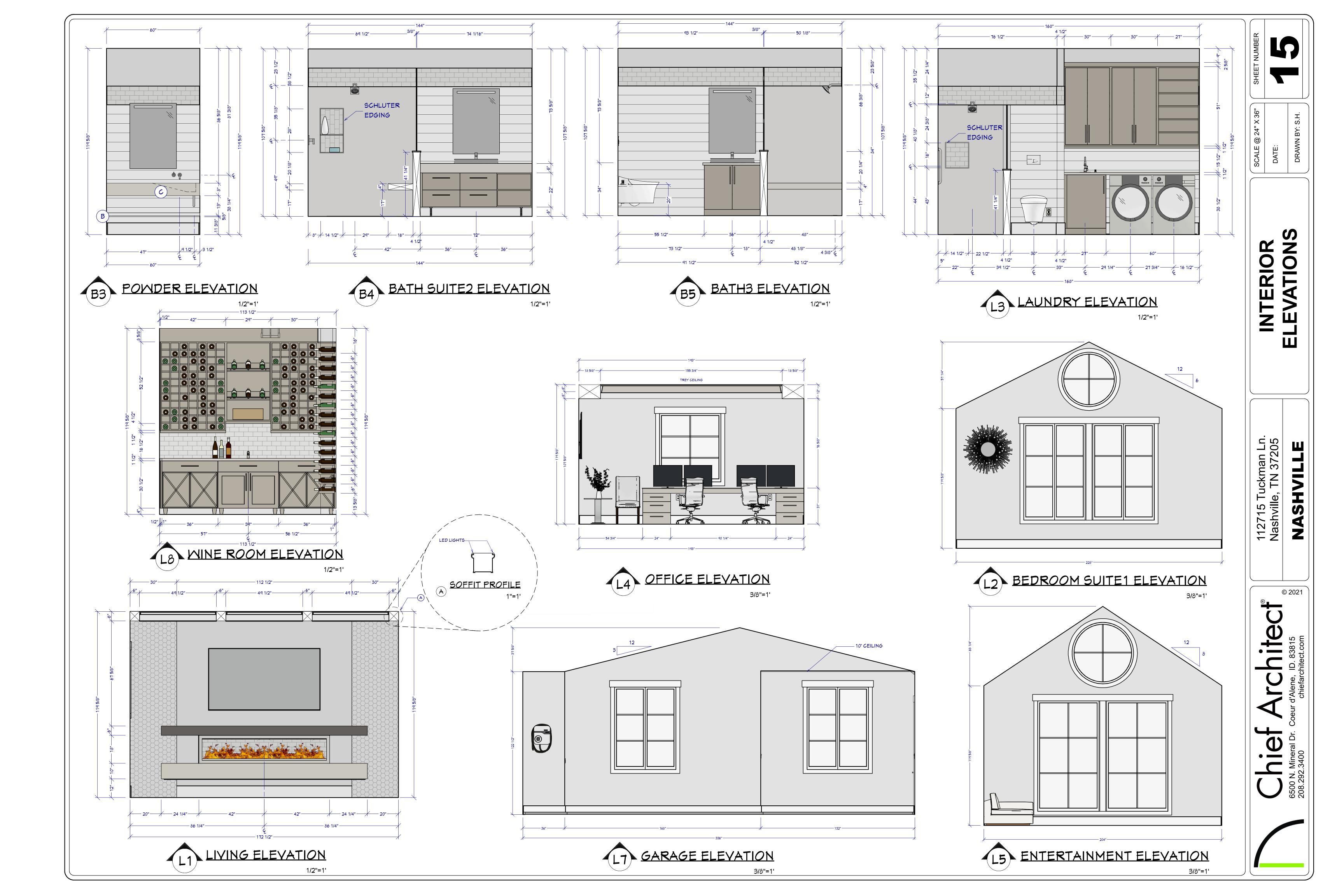
STAIR DETAIL

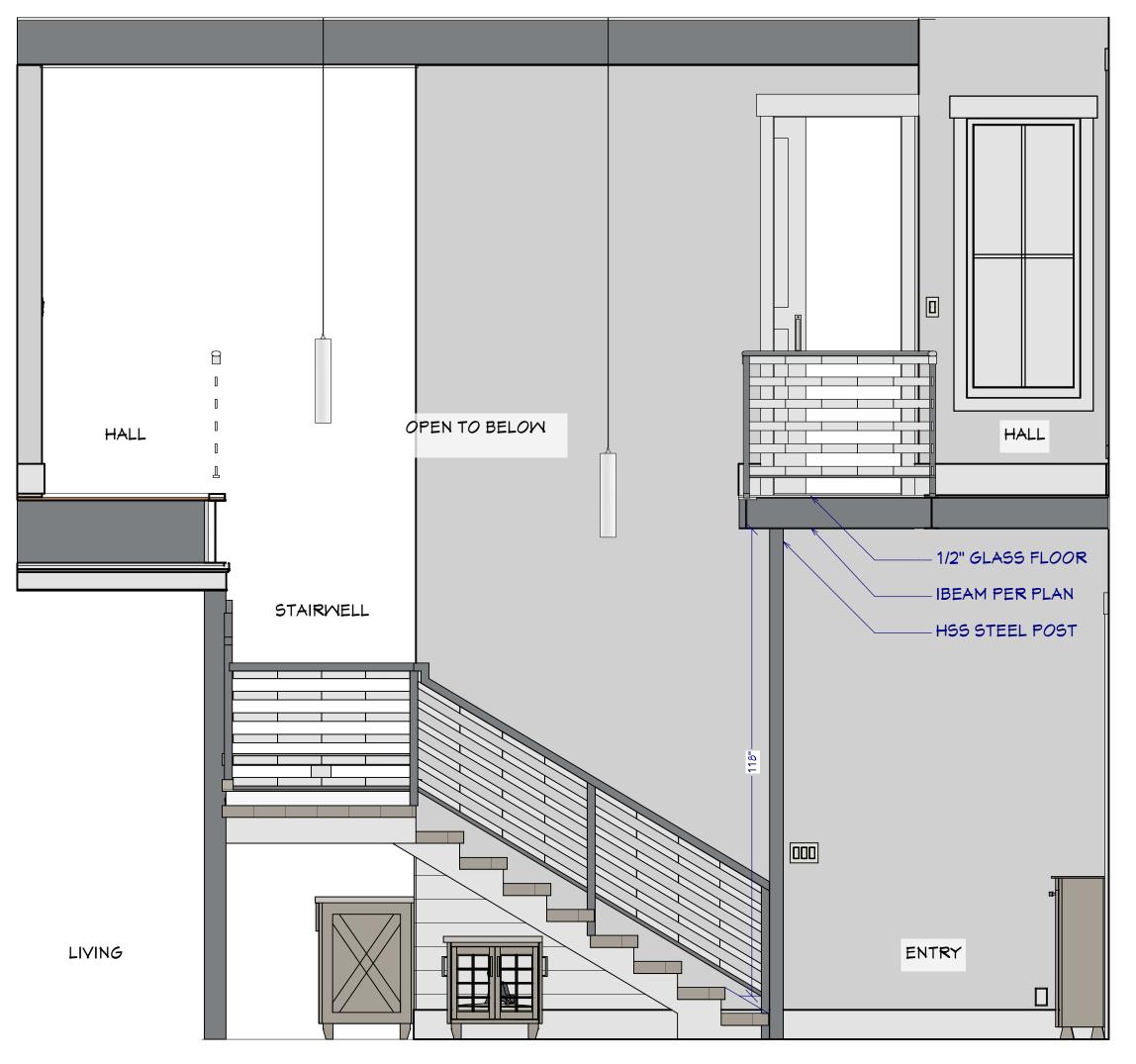
STAIR NOTES:

- 1. STAIRWAYS SHALL HAVE A MIN. WIDTH OF 34". HAND RAILS MAY ENCROACH A MAX. OF 3 1/2" INTO THE REQUIRED WIDTH.
- 2. TREADS SHALL HAVE A MIN. WIDTH OF 10". STAIR TREADS MUST BE UNIFORM AND CAN NOT VARY FROM THE LARGEST TO THE SMALLEST BY MORE THAN 3/8".
- 3. STAIRWAYS SHALL HAVE MIN. 6'-8" OF HEADROOM AT THE NOSE OF THE STAIR.
- 4. ENCLOSED USABLE SPACE UNDER INTERIOR STAIRS SHALL BE PROTECTED ON THE ENCLOSED FACE WITH 5/8" TYPE "X" GYPSUM WALL BOARD.
- 5. STAIRWAYS SHALL HAVE AT LEAST ONE HANDRAIL LOCATED 36" ABOVE THE NOSING OF TREADS AND LANDINGS. THE HAND GRIP PORTION OF HANDRAILS SHALL NOT BE LESS THAN 1-1/2" OR GREATER THAN 2" IN CROSS-SECTIONAL DIMENSION.
- 6. HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS. THE ENDS OF HANDRAILS SHALL RETURN TO WALL OR TERMINATE INTO A NEWEL POST OR SAFETY TERMINAL.
- 7. STAIRWAYS HAVING LESS THAN 2 RISERS DO NOT REQUIRE A HAND RAIL.
- 8. GUARDRAILS SHALL BE PROVIDED FOR AT PORCHES, DECKS, BALCONIES, STAIRWAYS AND LANDINGS WHERE THE ADJACENT SURFACE IS GREATER THAN 24" BELOW AND SHALL HAVE A 34" MIN. HEIGHT
- 9. RAILING AND GUARDRAIL BALUSTER SPACING SHALL BE NO GREATER THAN 4". 10. THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD, AND BOTTOM OF GUARDRAIL SHALL NOT ALLOW A 6" DIAMETER SPHERE TO PASS THROUGH.

DETAILS 8











ENTRY TO ABOVE RENDER

NO SCALE FOR ILLUSTRATION ONLY

WINDOW & SKYLIGHT SCHEDULE

WINDOW NOTES:

- 1 WOOD WINDOWS WITH CLAD EXTERIOR
- 2 INTERIOR WINDOW MATERIALS: PAINTED OR STAINED WITH FACTORY FINISH, VERIFY WITH OWNER
- 3 WINDOW HARDWARE TO BE OWNER SELECTED AT TIME OF ORDER
- 4 WINDOW ROUGH OPENING: 1/2" FOR TOP/ BOTTOM & 1/2" FOR SIDES, UNO BY MFG
- 5 SEE WINDOW SCHEDULE CALLOUT FOR MINDOMS THAT USE A MOOD OR STEEL BEAM FOR THE HEADER
- 6 BEDROOM WINDOWS SILL FINISHED MUST BE WITHIN 44: OF THE FLOOR AND PROVIDE MINIMUM CLEAR OPENINGS OF 5.7 SQ. FEET WITH HEIGHT DIMENSION NOT LESS THAN 24" AND WIDTH DIMENSION NOT LESS THAN 20" -HRC R310.1-R310.1.4

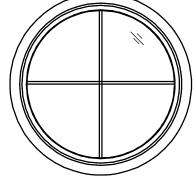
WINDOW FLASHING DETAIL

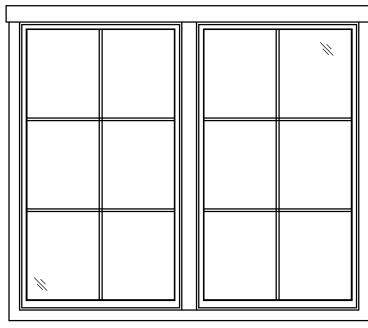


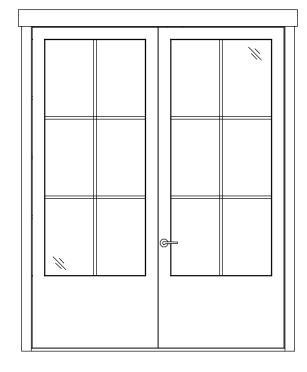
BASIC WINDOW FLASHING INSTALLATION*

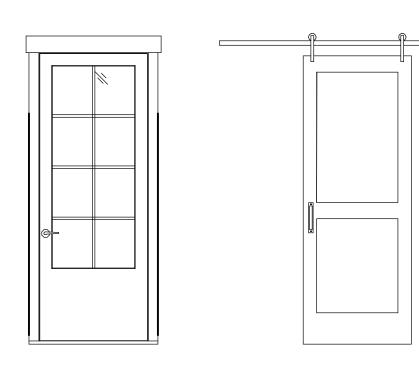
- 1) PREPARE ROUGH OPENING: CUT STND. "I-CUT" IN THE WRB. CUT (2) 45° SLITS AT TOP TO CREATE FLAP. APPLY FLEXIBLE FLASHING AT SILL + 6" MIN. UP JAMBS. SECURE FLEXED EDGE OF FLASHING WITH MECHANICAL FASTENERS.
- 2) INSTALL WINDOW PER MANUFACTURER'S INSTRUCTIONS.
- 3) APPLY FLASHING TAPE AT JAMBS, EXTENDING 1" ABOVE AND BELOW WINDOW HEAD FLANGE AND BOTTOM OF SILL FLASHING. APPLY FLASHING TAPE ALONG HEAD, EXTENDING BEYOND OUTER EDGES OF JAMB FLASHING.
- 4) REPLACE WRB FLAP AT HEAD AND TAPE REMAINING CUTS IN WRB

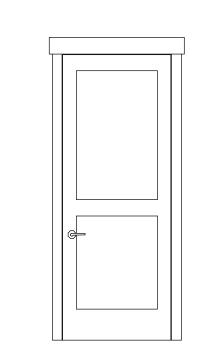
*REVISE INSTALLATION PROCESS ACCORDING TO WINDOW MANUFACTURER'S INSTRUCTIONS

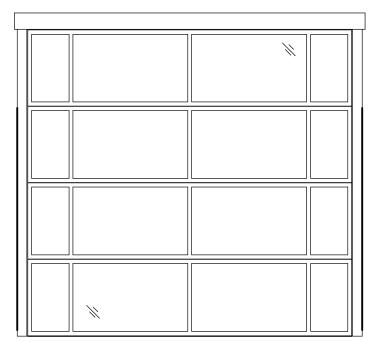












DOOR NOTES:

- 1. DOORS SHALL BE 96", UNO
- 2. ALL DOORS SHALL BE SOLID CORE 1 3/4" THICK, UNO
- 3. INTERIOR DOORS SHALL BE PAINTED OR STAINED, VERIFY WITH OWNER
- 4. DOORS BETWEEN GARAGE AND LIVING AREA SHALL BE 1 3/4" TIGHT FITTING SOLID CORE DOORS WITH A RATING OF 60 MINUTES. DOOR SHALL BE SELF CLOSING
- 5. EXTERIOR EXIT DOORS SHALL BE 36" MIN. NET CLEAR DOOR MAY SHALL BE 32" MIN. DOOR SHALL BE OPENABLE FROM INSIDE
- 6. GARAGE DOORS TO BE SECTIONAL INSULATED, OYERHEAD DOORS. GLASS PANELS TO BE INSULATED
- 7. ALL GLAZING WITHIN 18 IN. OF THE FLOOR AND/OR WITHIN 24 IN. OF ANY DOOR (REGARDLESS OF WALL PLANE) ARE TO HAVE SAFETY GLAZING
- 8. ALL TUB AND SHOWER ENCLOSURES ARE TO BE GLAZED WITH SAFETY GLASS
- 9. BARN DOORS, MEASURE TO FIT OPENING. ALL HARDWARE TO BE STAINLESS, UNO

DOOR SCHEDULE

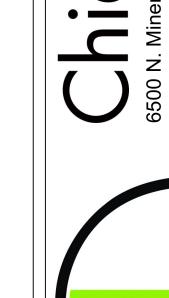
DOOR SCHEDULE								
BER	QTY	MIDTH	HEIGHT	DESCRIPTION	FL00R		≥	
	1	84"	108 "	EXT. DOUBLE HINGED-GLASS PANEL	1		SHEET NUMB	
	1	168 "	108 "	EXT. 0+4-PANEL SLIDER-GLASS PANEL	1		24" X 36"	
	1	24 "	96 "	HINGED-DOOR F03	1		SCALE @ 24" X 36"	DATE:
	1	36 "	96 "	HINGED-DOOR P03	1			>
	1	30"	96 "	HINGED-DOOR P03	1			
	1	32 "	96 "	POCKET-DOOR P03	1			

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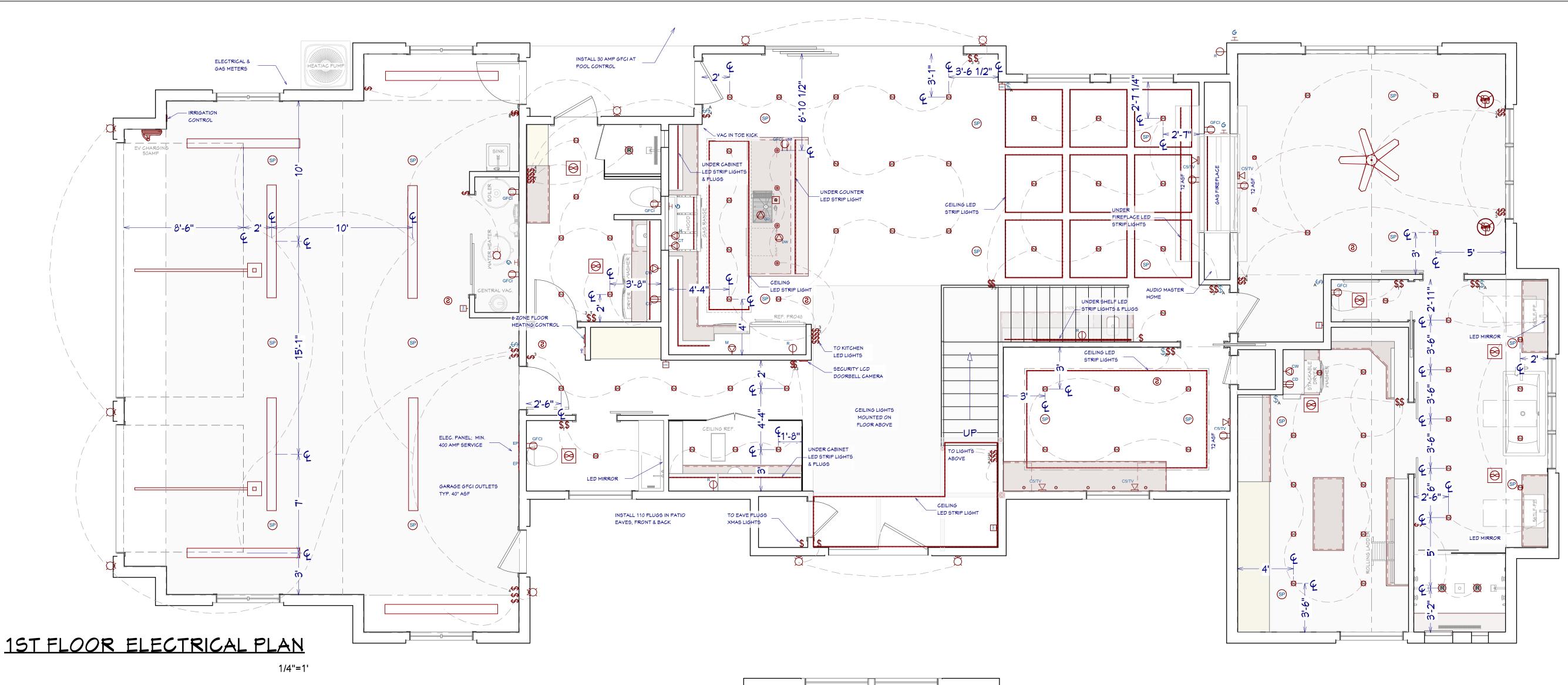
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GARAGE-GLASS-PANEL GARAGE DOOR



GENERAL NOTES:

SUB CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION & PERMITS, MUST BE LICENSED, BONDED AND APPROVED BY THE BUILDING DEPT.

ELECTRICAL:

ELECTRICAL OUTLETS IN ROOMS SHALL BE INSTALLED PER CODE TYP.

HOME OWNER SHALL DO A WALK-THRU WITH RELEVANT INSTALLERS TO VERIFY THE EXACT LOCATION FOR OUTLETS, LIGHTS, SMITCHES, CABLE, DATA, PHONE, AUDIO, VACUUM, ETC.

PROVIDE MIN. 400 AMP SERVICE TO MAIN PANEL(S)

ALL APPLIANCES & UTILITIES TO HAVE DEDICATED CIRCUITS. SEE MFG'S SPECS. FOR REQUIREMENTS ELECTRICAL RECEPTACLES IN BATHROOMS, KITCHENS, FOUNDATION AND GARAGE SHALL BE G.F.C.I. PER NATIONAL ELECTRICAL CODE REQUIREMENTS

ALL BEDROOM OUTLETS AND LIGHTS BE ARCH FAULT PROTECTED

ALL VENTILATION FANS SHALL BE ON TIMER SWITCHES, UNO.

PROVIDE ONE SMOKE DETECTOR AND CARBON MONOXIDE DETECTOR IN EACH ROOM AND ONE IN EACH CORRIDOR ACCESSING BEDROOMS. CONNECT SMOKE DETECTORS TO HOUSE POWER AND

INTER-CONNECT SMOKE DETECTORS TO HOUSE POWER AND INTERCONNECT SO THAT, WHEN ANY

ONE IS TRIPPED, THEY ALL WILL SOUND. PROVIDE BATTERY BACKUP FOR ALL UNITS. CIRCUITS SHALL BE VERIFIED WITH HOME OWNER PRIOR TO WIRE INSTALLATION.

FINAL SMITCHES FOR TIMERS AND DIMMERS SHALL BE VERIFIED MITH HOME OWNER.

FIXTURES TO BE SELECTED BY HOME OWNER.

UNO - ALL SWITCHES TO BE 48" ASF. INTERIOR OUTLETS TO BE 15" ASF. OUTLETS OVER COUNTERTOPS TO BE 3" ABOVE COUNTER FROM BOTTOM. GARAGE OUTLETS TO BE 40" ASF.(ASF = ABOVE SUBFLOOR)

ALL LIGHTING SHALL BE DIMABLE AND USE LED, UNO.

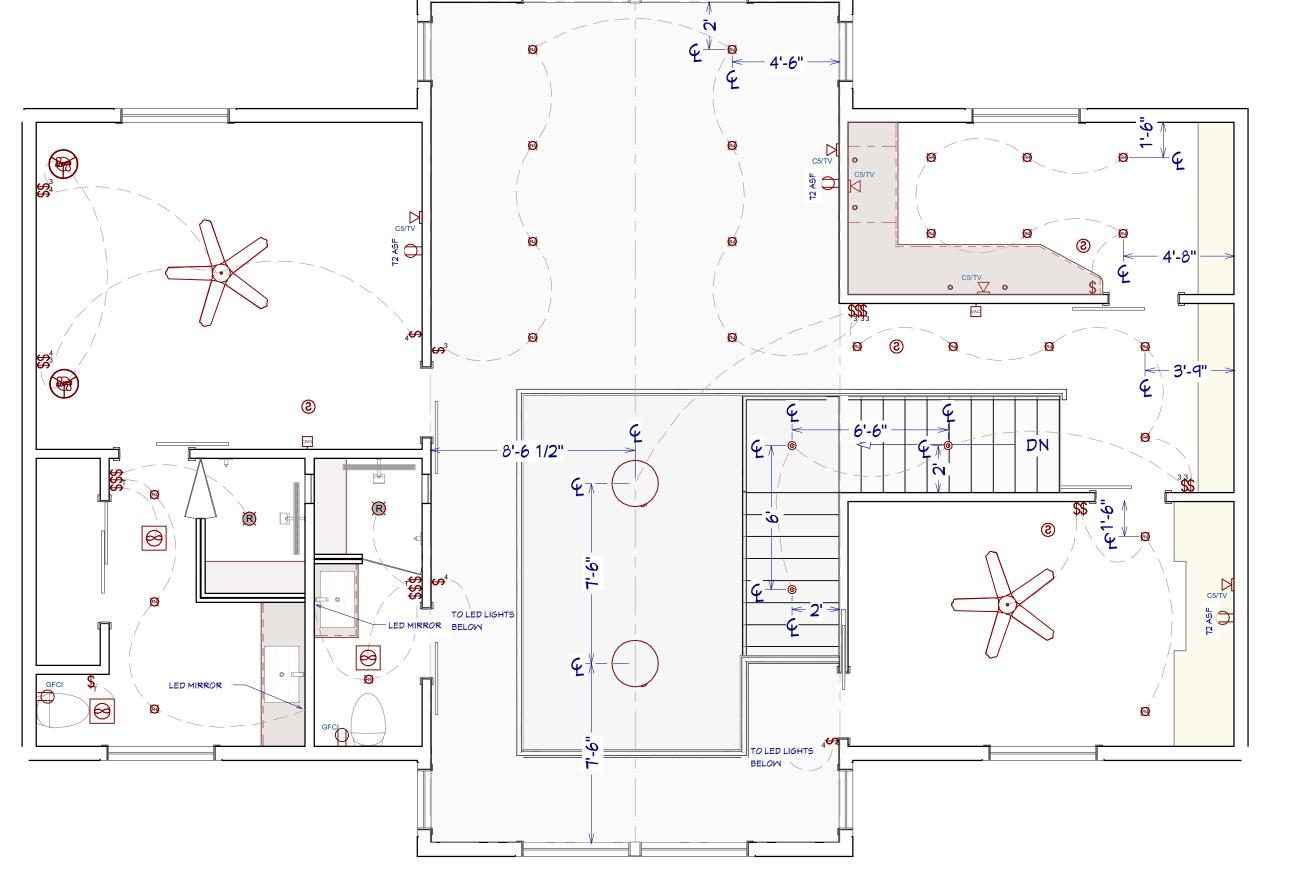
LOCATE SPEAKERS AND AUDIO CONTROLS AS INDICATED IN THE PLAN; RUN CIRCUIT OF SPEAKER WIRING TO AUDIO HOME PANEL SPECIFIED BY FLOOR;

AUDIO SPEAKERS TO BE APPROVED BY HOME OWNER;

LOCATE JACKS AS INDICATED IN THE PLAN; INSTALL DATA / CABLE PANEL SIMILAR TO "ON Q". SYSTEM TO BE APPROVED BY HOME OWNER.

DATA / CABLE:

LOCATE SECURITY PANELS AS INDICATED IN THE PLAN; SYSTEM TO BE APPROVED BY HOME OWNER.



2ND FLOOR PLAN ELECTRICAL PLAN

ELECTRICAL LEGEND

LIGHTING

R4 R RECESSED 4" & 6" CANS / WET RATED

PENDANTS / WALL LAMP / SCONCE UNDER CABINET LED PUCK / LED STRIP /

FAN / FAN LIGHT. 200 CFM MIN.

CEILING FAN W/ LIGHT

SMITCHES / OUTLETS

 $\$\$_3\$_4\$_T$ SMITCH / 3-WAY / 4-WAY / TIMER OUTLETS - LED LIGHT / USB 5Y & 120Y / 120Y WALL

& CEILING GFCI / WATER PROOF / 220V APPLIANCE SPECIFIC: REFRIGERATOR / MICROWAVE / DISH WASTER / DISPOSAL

COOK HOOD / WASHER / DRYER / WALL OVEN

OTHER MEP



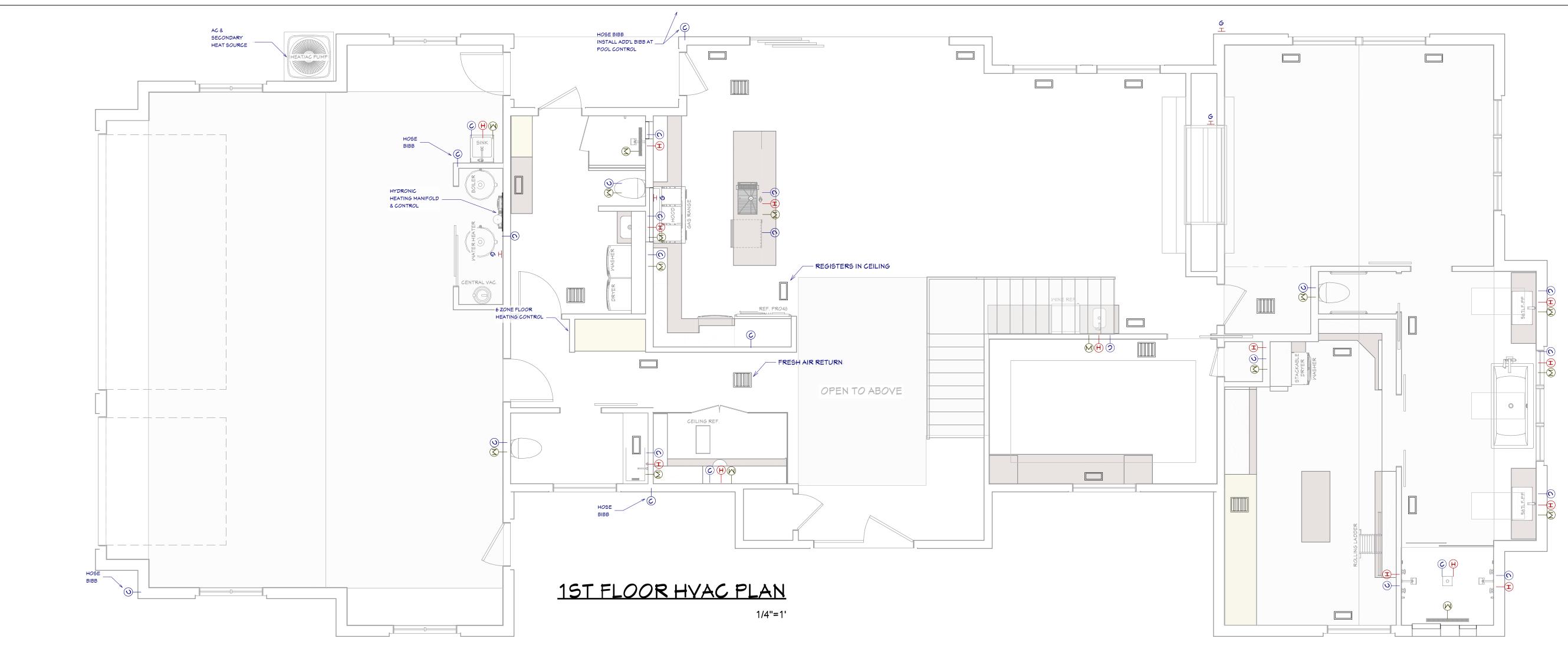
TO CATE / CATE & COAX RG6QS / CENTRAL VAC / HOME SECURITY PANEL

CONNECTION / DOOR BELL

A SP WALL CONTROLLED VOLUME SWITCH /

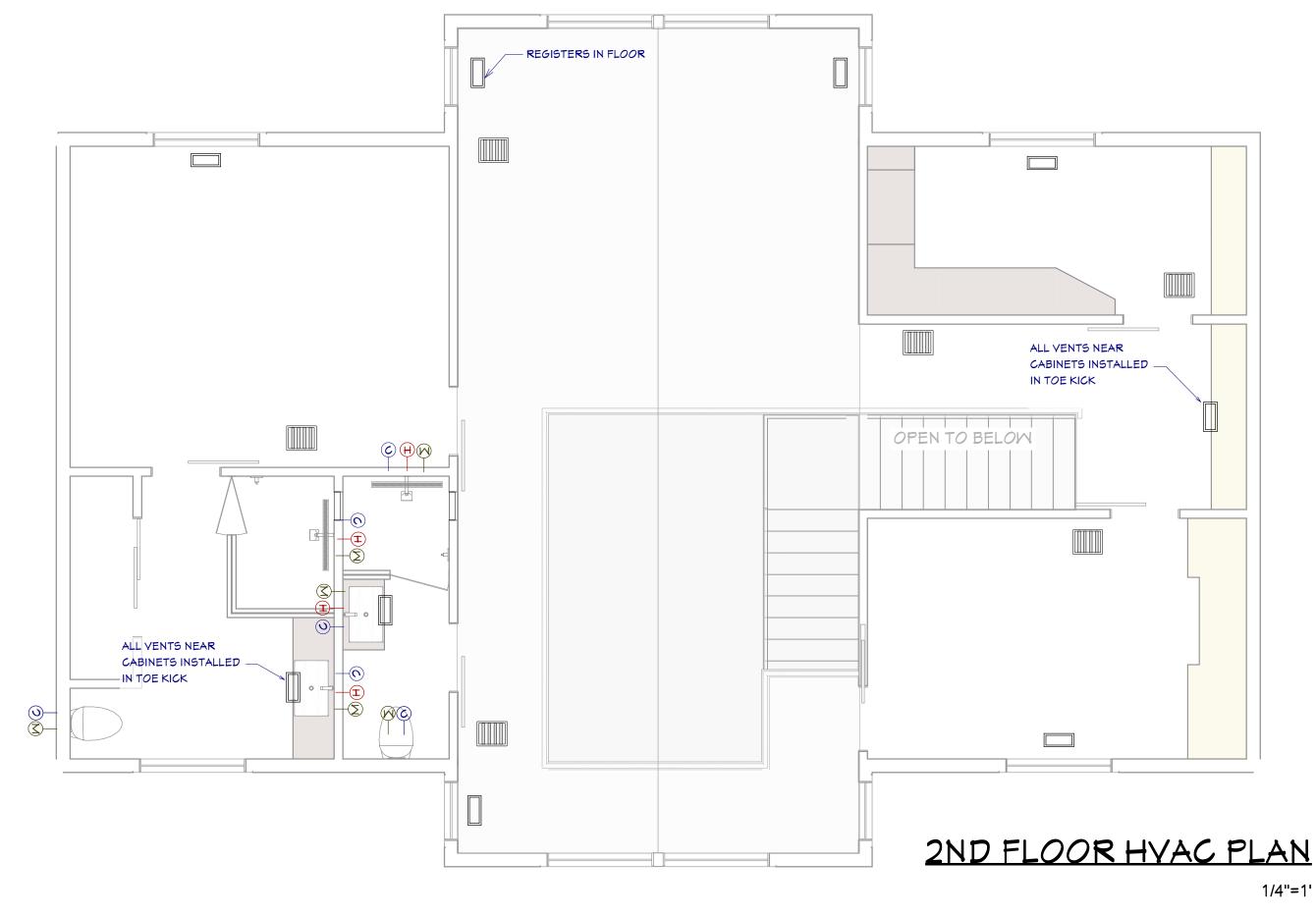
SP IN-WALL OR CEILING MOUNTED SPEAKERS

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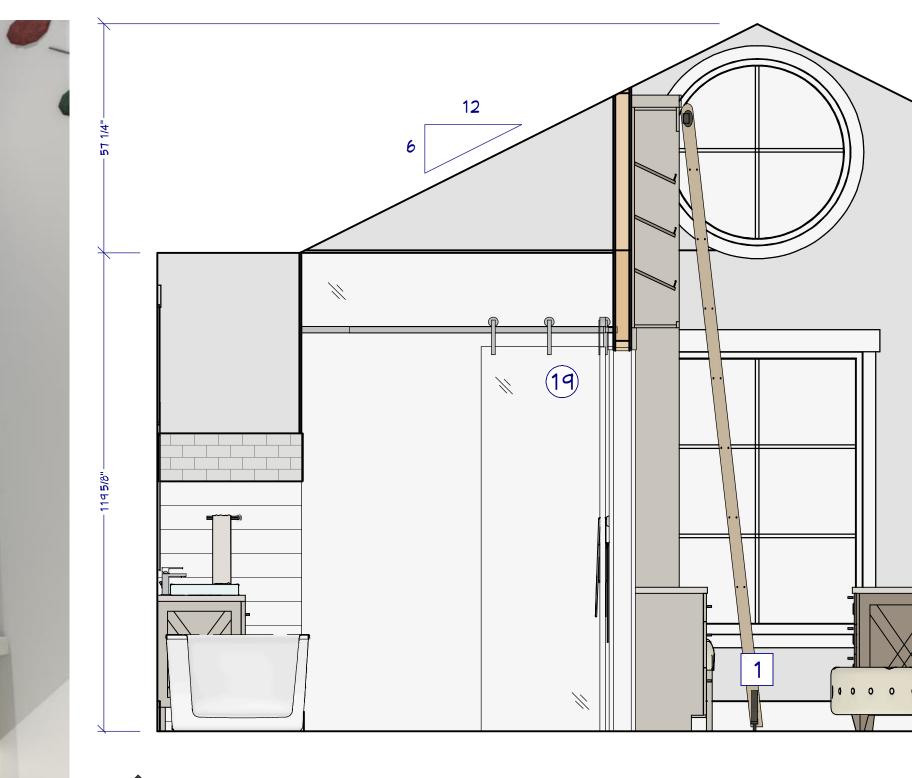


GENERAL PLUMBING & HYAC NOTES:

- 1. SUB CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION & PERMITS, MUST BE LICENSED, BONDED AND APPROVED BY THE BUILDING DEPT.
- 2. HVAC SHALL HAVE TWO ZONES, ONE FOR EACH FLOOR:
- a. FLOOR ONE SHALL HAVE HYDRONIC RADIANT FLOOR HEAT WITH AC PROVIDED BY A HEAT PUMP
- b. FLOOR TWO SHALL USE A HEAT PUMP(S) FOR HEAT AND AC
- 3. INSULATE HEATING TRUNK AND BRANCH SUPPLY DUCTS IN UNFINISHED AREAS, CRAWL SPACES, ATTICS GARAGES, ETC
- 4. ALL DUCTING SHALL BE THRU FLOOR TRUSSES / JOISTS
- 5. ALL PEX TUBING FOR RADIANT HEAT SHALL BE INSTALLED OVER 2" XPS (Extruded Polystyrene
- 6. radiant heat shall be Powered by a Six-zone Controller
- 7. ENCLOSED ATTICS AND SPACES BETWEEN RAFTERS/TRUSSES SHALL HAVE CLEAR CROSS VENTILATION AREA TO THE OUTSIDE VENTS. 1/150 OF SPACE VENTILATED FOR GABLE VENTS. 1/3000 OF SPACE VENTILATED FOR BOTH GABLE AND EAVE VENTS.
- 8. DRYER, WATER HEATER, KITCHEN AND BATHROOM VENTING SHALL EXHAUST TO THE OUTSIDE OF THE BUILDING AND BE EQUIPPED WITH A BACK DRAFT DAMPER. VENT DRYER YENT, MAX. LENGTH OF DUCT 14' WITH TWO 90 DEGREE ANGLES.
- 9. PROVIDE 30" CLEARANCE FROM RANGE TOP TO COMBUSTIBLE MATERIALS. FOR EXCEPTIONS, SEE INT. MECHANICAL CODE. SIDE CLEARANCE SHALL BE AS SPECIFIED BY PERMANENT MARKING ON THE UNIT. - IRC M1901.1
- 10. WATER CLOSETS TO HAVE A FLOW RATE OF 1.6 GALLONS OR LESS PER FLUSH -IRC
- 11. SHOWER HEADS TO HAVE FLOW RATE OF 2.5 GALLONS PER MINUTE OR LESS. IRC P2903.2
- 12. TUBS/SHOWERS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING TYPE.
- 13. INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 84" ABOVE SHOWER DRAINS.
- 14. WATER SOFTENER UNIT, IF INSTALLED, SHALL CONDITION WATER BEFORE ENTERING THE WATER HEATERS AND THE COLD WATER SOURCE. WATER TO REFRIGERATOR, KITCHEN AND BATH SINKS SHALL NOT HAVE CONDITION WATER.
- 15. EACH HOSE BIBB SHALL BE EQUIPPED WITH A BACK FLOW PREVENTION DEVICE.
- 16. ALL GAS LINES SHALL BE SIZED FOR APPLIANCE LOAD. "BLACK" PIPE SHALL BE USED INSIDE THE BUILDING, "GREEN" PIPE WHERE UNDERGROUND OR EXPOSED TO WEATHER. ALL JOINTS SHALL BE TAPED WHERE BURIED OR EXPOSED TO WEATHER.
- 17. INSULATE WASTE LINES FOR SOUND CONTROL.
- 18. INSTALL CENTRAL VACUUM SYSTEM & PIPING AND INSULATE LINES FOR SOUND CONTROL. CONFIRM BRAND WITH HOMEOWNER.



PLUMBING



C3 CLOSET / BATH SUITE ELEVATION

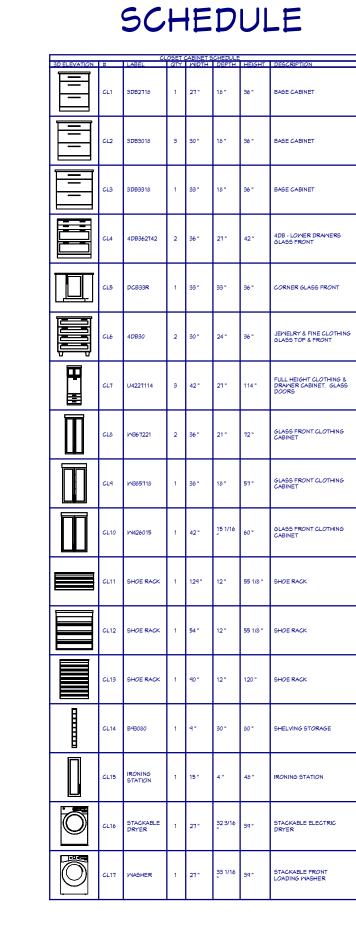
1 ROLLING LADDER

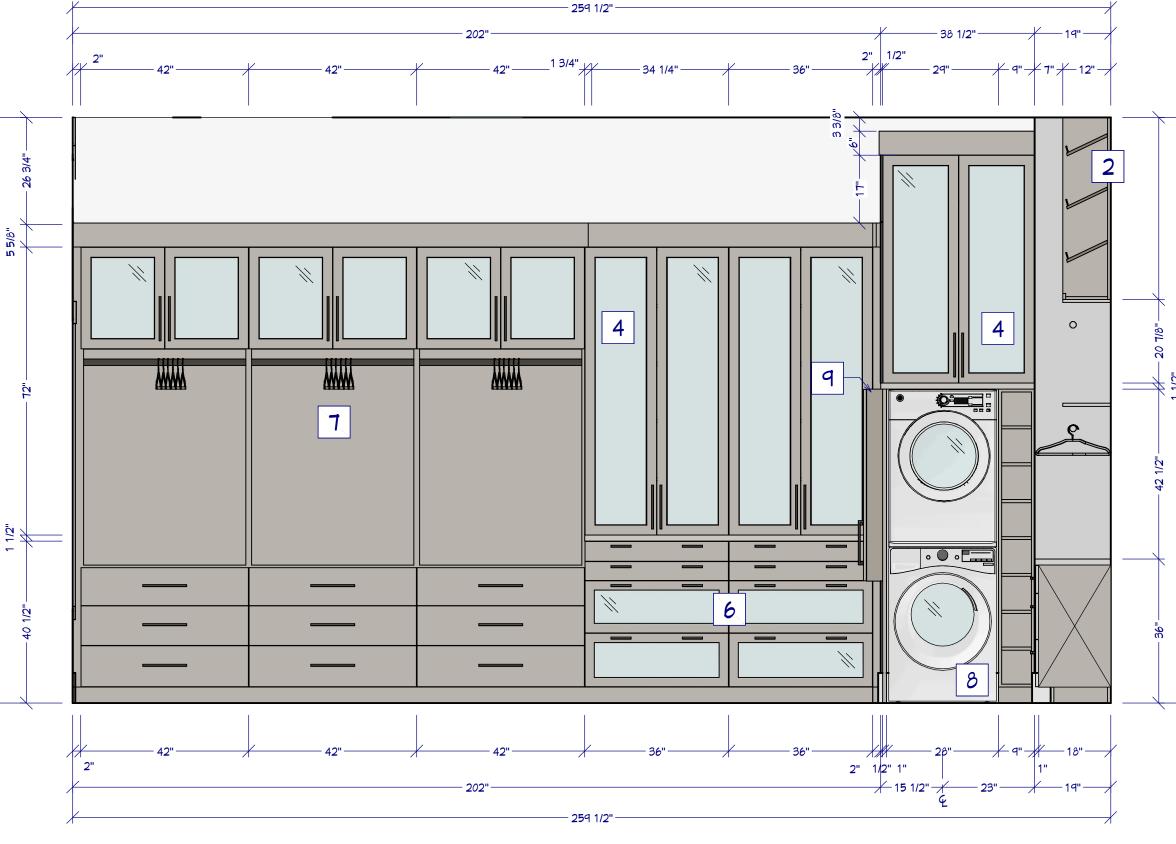
- 2 CUSTOM SHOE RACK
- 3 SLIDING POCKET DOORS

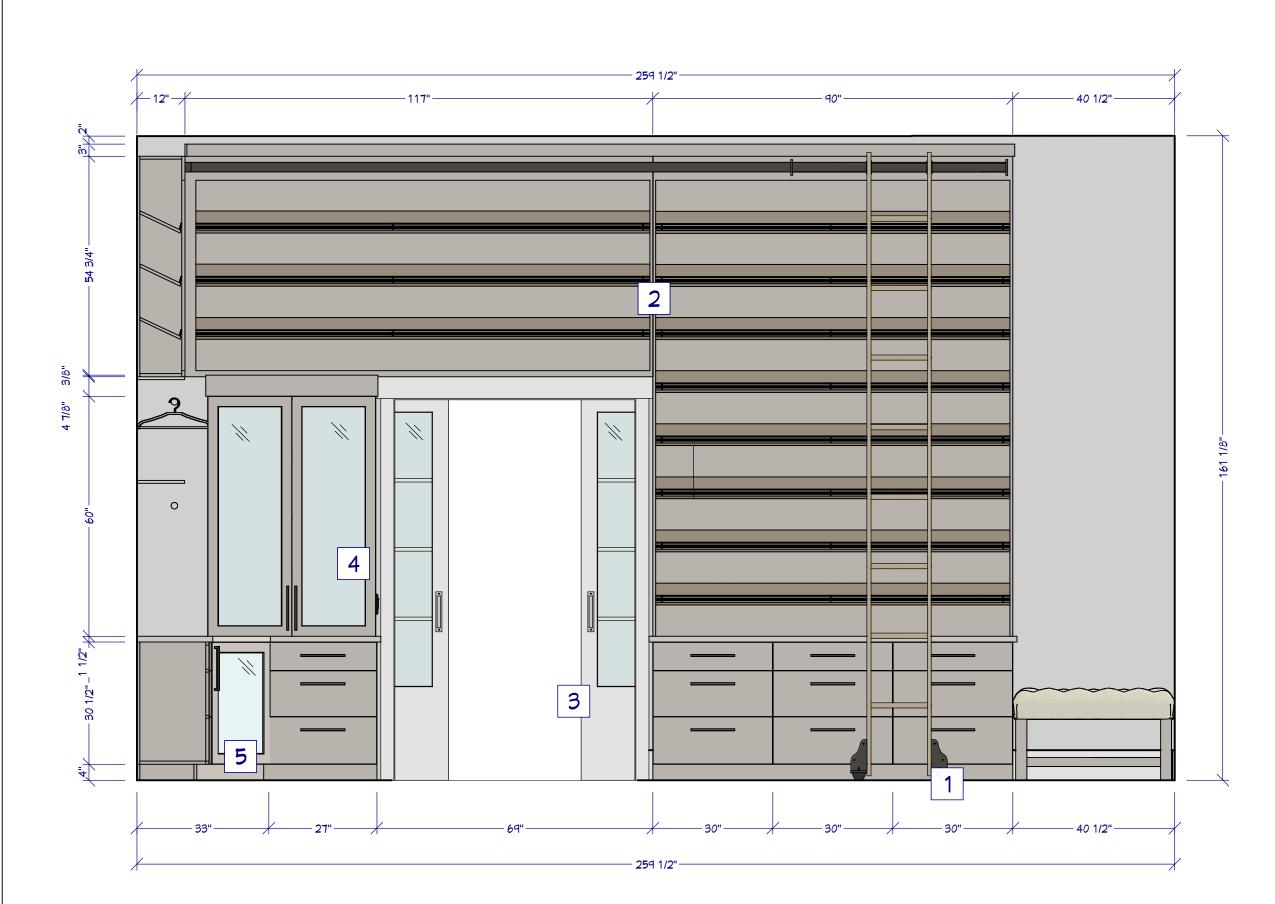
CLOSET NOTES

- 4 GLASS FRONT CLOTHING CABINET
- 5 CORNER GLASS FRONT
- 6 4DB LOWER DRAWERS GLASS FRONT
- FULL HEIGHT CLOTHING & DRAWER
 CABINET. GLASS DOORS
- 8 STACKABLE WASHER / DRYER
- 9 BUILT-IN IRON STATION

CABINET / FIXTURE







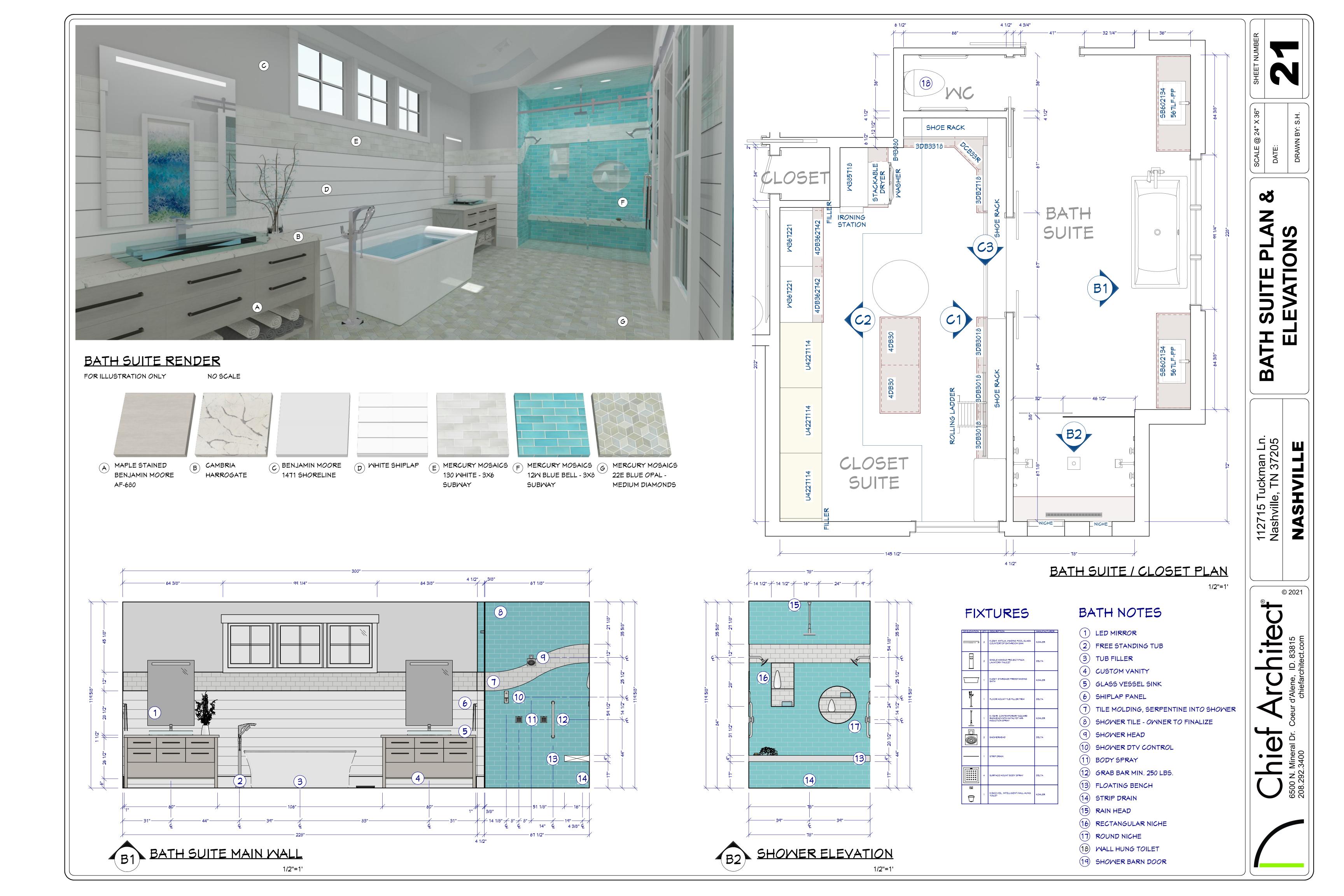


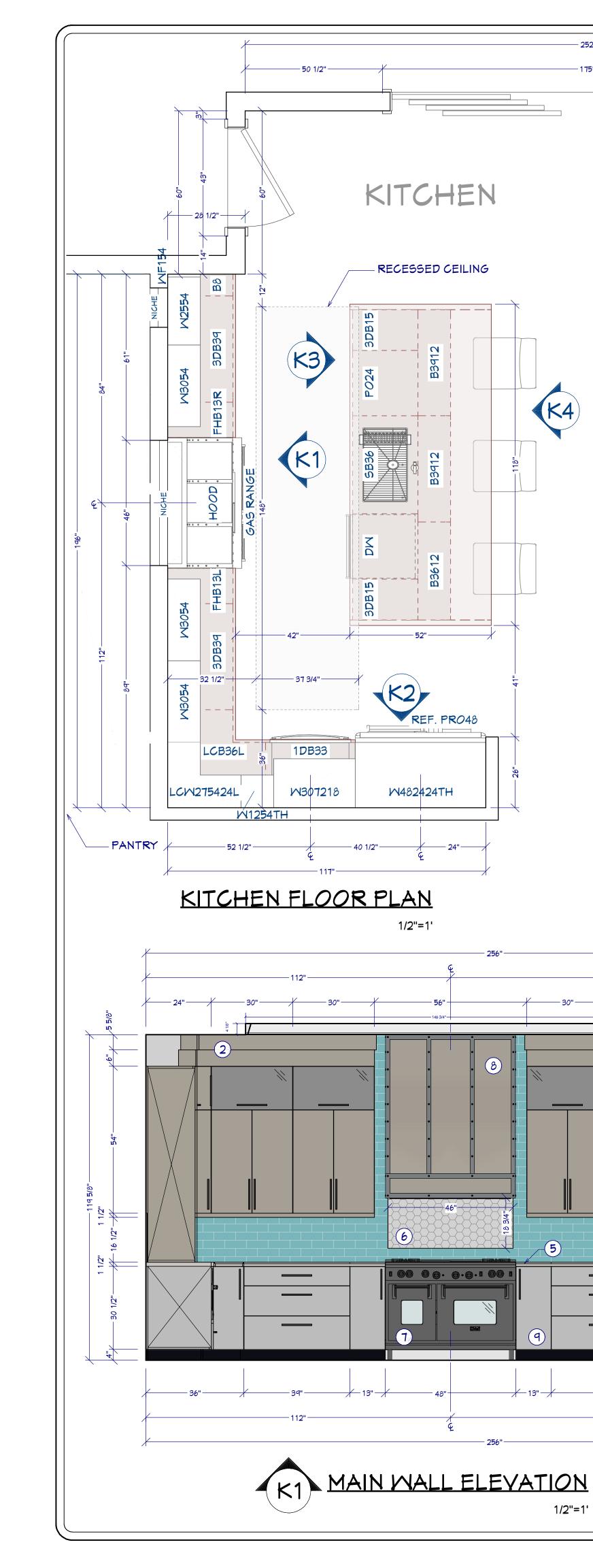
RENDERING

FOR ILLUSTRATION ONLY

NO SCALE







KITCHEN & CABINET NOTES:

- 1 ALL CABINETS FRAMELESS WHITE OAK 2 CONFIRM FINISH & STAIN/PAINT WITH CLIENT
- PRIOR TO ORDERING 3 CONFIRM DOOR & DRAWER STYLES WITH CLIENT
- PRIOR TO ORDERING
- 4 INSTALL HARDWARE ON SITE

KITCHEN

RECESSED CEILING

M482424TH

- 5 INSTALL CROWN MOLDING ON SITE; CONFIRM PROFILE AND DIMENSION WITH HOME OWNER
- 6 CABINET SUPPLIER RESPONSIBLE FOR FINAL MEASUREMENTS & CABINET OPENINGS FOR APPLIANCES SPECIFICATIONS
- 7 ALL APPLIANCES TO BE ON DEDICATED CIRCUITS, UNO. REFER TO APPLIANCE SPECIFICATIONS FOR AMP/VOLTAGE REQUIREMENTS
- 8 USE MIN 6" DUCT FOR HOOD. COOK HOOD 600 CFM MIN.
- 9 CONFIRM FINAL MATERIALS FOR BACKSPLASH AND COUNTERTOP WITH CLIENT PRIOR TO ORDERING
- 10 ALL DRAWERS TO BE TONGUE & GROOVE; GLIDES TO BE SOFT CLOSE
- 11 LED STRIP LIGHTS FOR WALL CABINETS AND UNDER ISLAND
- 12 UNDERCOUNTER GFCI ELECTRICAL PLUGS
- 13 COUNTER FABRICATION: CONFIRM ALL FIXTURE MEASUREMENTS AND CENTERLINES

KITCHEN KEY NOTES:

- (1) RECESSED CEILING
- (2) CROWN MOLDING
- (3) RAIN WATER GLASS
- (4) UNDER CAB LED LIGHTING & STRIP PLUGS
- 5 OGEE EDGE PROFILE
- (6) RECESSED NICHE
- (7) GAS COOK RANGE / ELECTRIC OVEN
- (8) CUSTOM COOK HOOD
- (9) ROLLOUT VERTICAL SHELVES
- (10) SUBZERO PRO48 REF.
- (11) MICROMAVE DRAWER (12) COFFEE STATION W/ POCKET DOORS
- (13) KOHLER UNDERMOUNT SINK
- (14) WASTE PULLOUT
- (15) BUTT EDGE WATERFALL

CABINET / MOLDING SCHEDULE

3D ELEVATION	#	LABEL	KITC	HEN CABII WIDTH	NET SCHE DEPTH	DULE HEIGHT	DESCRIPTION
	C01	3DB15	2	15 "	24 "	36 "	BASE CABINET
	C02	FHB13R	1	13 "	24 "	36 "	BASE CABINET
	C04	3DB39	2	39"	24 "	36 "	BASE CABINET
	C05	LCB36L	1	36 "	36"	36 "	CORNER BASE CABINET
	C06	B3612	1	36 "	12"	36 "	BAGE CABINET
	C07	B3912	2	39"	12"	36 "	BASE CABINET
	C 10	SB36	1	36 "	24 "	36 "	SINK BASE CABINET
	C14	PO24	1	24 "	24 "	36 "	BASE CABINET WASTE PULLOUT
	C16	FHB13L	1	13 "	24 "	36 "	BASE CABINET
Ħ	C21	Вд	1	8"	24 "	36 "	BASE CABINET
	C22	1DB33	1	33 "	24 "	36 "	MM BASE CABINET
<u></u>	C23	LGW275424L	1	27 "	24 "	54 "	CORNER WALL CABINET
	C26	M482424TH	1	48 "	24 "	24 "	WALL CABINET
	C27	M30T218	1	30 "	18 "	72 "	WALL CABINET
	C28	W1254TH	1	12 "	12"	54 "	WALL CABINET
	C29	W2554	1	25 "	12"	54 "	MALL CABINET
	C 30	M3054	3	30 "	12"	54 "	MALL CABINET
	C31	WF154	1	1"	12"	54 "	MALL CABINET FILLER





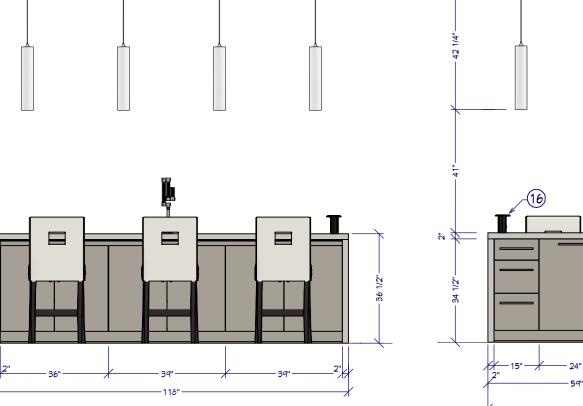
<u>RENDERINGS</u>

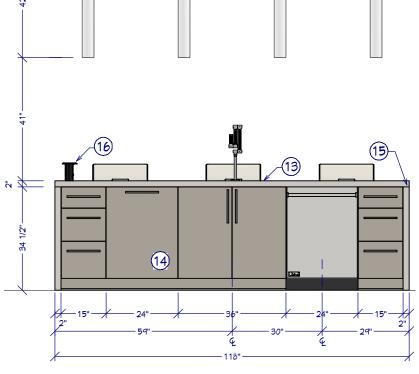
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NO SCALE

đ	1 1/2 "	1/2 "	EDGE PROFILE	14' 1"
a	1/2 "	1/2 "	BASE MOLDING	23' 3"
0	1 1/2 "	1/2 "	LIGHT RAIL	14' 10"
	5 5/8 "	3/4 "	CROWN MOLDING	23' 5 13/16"
	6"	1/2 "	CROWN MOLDING	22' 3 1/16"

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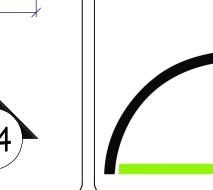












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NASHVIL

S.H.