



WISDOM

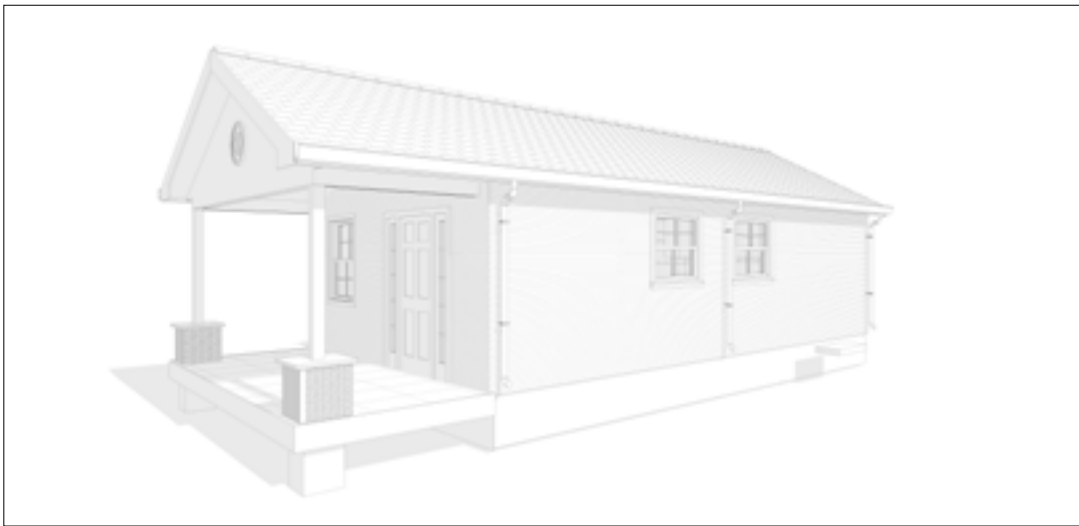
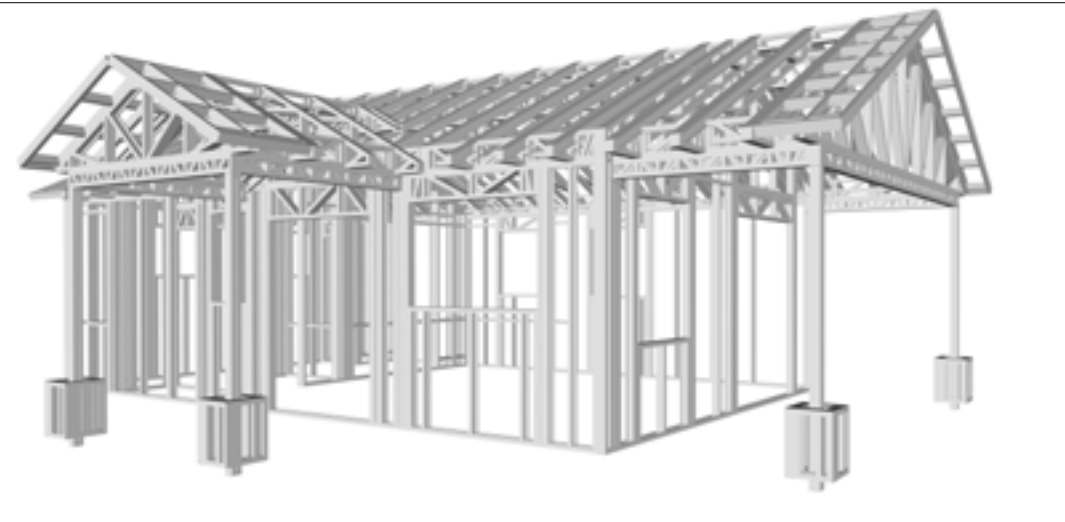
The Wisdom is a modern Traditional style studio home with a clean and inviting exterior. The light-colored siding and gray roof create a timeless and balanced appearance. The covered porch with wooden beams offers a shaded outdoor space, perfect for relaxing or entertaining. The inside of this studio home is an open plan hosting living, dining and bedroom areas on one side and other functional spaces like bathrooms and laundry on another side and away from the eye. This creates both functional and efficient layout while maintaining a spacious feel.

Materials Shopping List

Please print and take this Materials Shopping List to your favorite Home Depot and ask for assistance in selecting the materials, fixtures and fittings to complete your new home.

Record your selection and the price of the item. Then do the math to determine the cost for your selections and the total cost of finishing your home.

< [CLICK HERE](#) >
To Go To Materials Shopping List



GROUND FLOOR PLAN
493SF

FLOOR PLAN

- 499 SF
- Studio
- Covered Porch

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ABOUT



FrameUpNow is a design and manufacturing company providing precision-engineered home framing solutions. We offer a catalog of Affordable Homes, Tiny Homes, Garages, Shops and Barndominiums. FrameUpNow manufactures cold-formed steel (CFS) also known as Light Gauge Steel (LGS) framing components that conform to our engineered metal house frame plans or can be purchased as DIY skeleton kits.

The CFS/LGS framing is lightweight, easily assembled, and does not require heavy equipment or specialized labor, enabling homeowners to erect the frame themselves in just a few days. Unlike wood, the steel framing is impervious to termites and bores, warping, expansion, and fire.

Our home plans come complete with a structural engineered stamp for permit approvals. Customers receive a full BOM also known as a Materials Shopping List to purchase finish materials from a Building Materials retailer. FrameUpNow prides itself on the quality and efficiency of our precision-engineered home framing solutions for construction professionals and DIY homeowners.



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499
Studio
Traditional-550

DRAWING NAME

INTRODUCTION

CLIENT NAME:

PROJECT NUMBER:

DATE:

DESIGNED BY:

DRAWN BY:

CHECKED BY:

DISCLAIMER

DISCLAIMER: This documentation and all its contents are the intellectual property of FrameUpNow. It is provided solely for marketing the services of FrameUpNow. The preliminary information is not approved for actual construction use and is not warranted to be complete or accurate. Unauthorized copying, distribution, or application of these proprietary materials, in any form or format, is strictly prohibited. FrameUpNow assumes no liability for any issues arising from improper use of this marketing content.

I101

SCALE:

OWNER

NAME	
EMAIL	
PHONE	

CONTRACTOR

NAME	
EMAIL	
PHONE	

SITE LOCATION

COUNTRY	
STATE	
ZIP CODE	

SITE INFORMATION

PARCEL I.D.	
SQ.FOOTAGE	

MINIMUM SETBACKS

FRONT	
SIDE	
REAR	

ZONING

--	--

CODES AND AMENDMENTS

CODE BOOK	
SNOW LOAD	
WIND SPEED	
SEISMIC DESIGN CATEGORY	
WEATHERING	
FROST LINE DEPTH	
TERMITE	
DECAY	
WINTER DESIGN TEMP	
FLOOD HAZARDS	

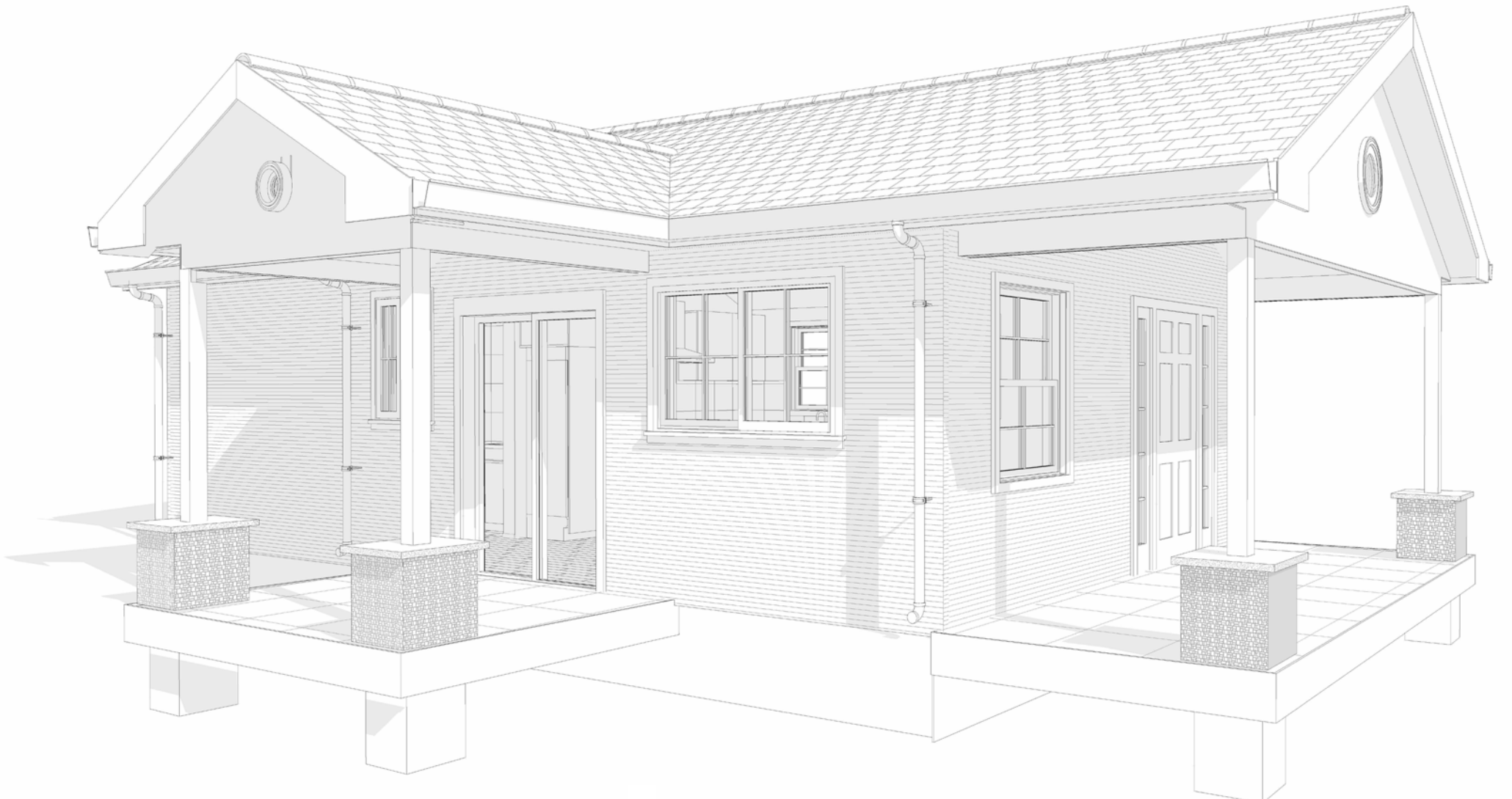
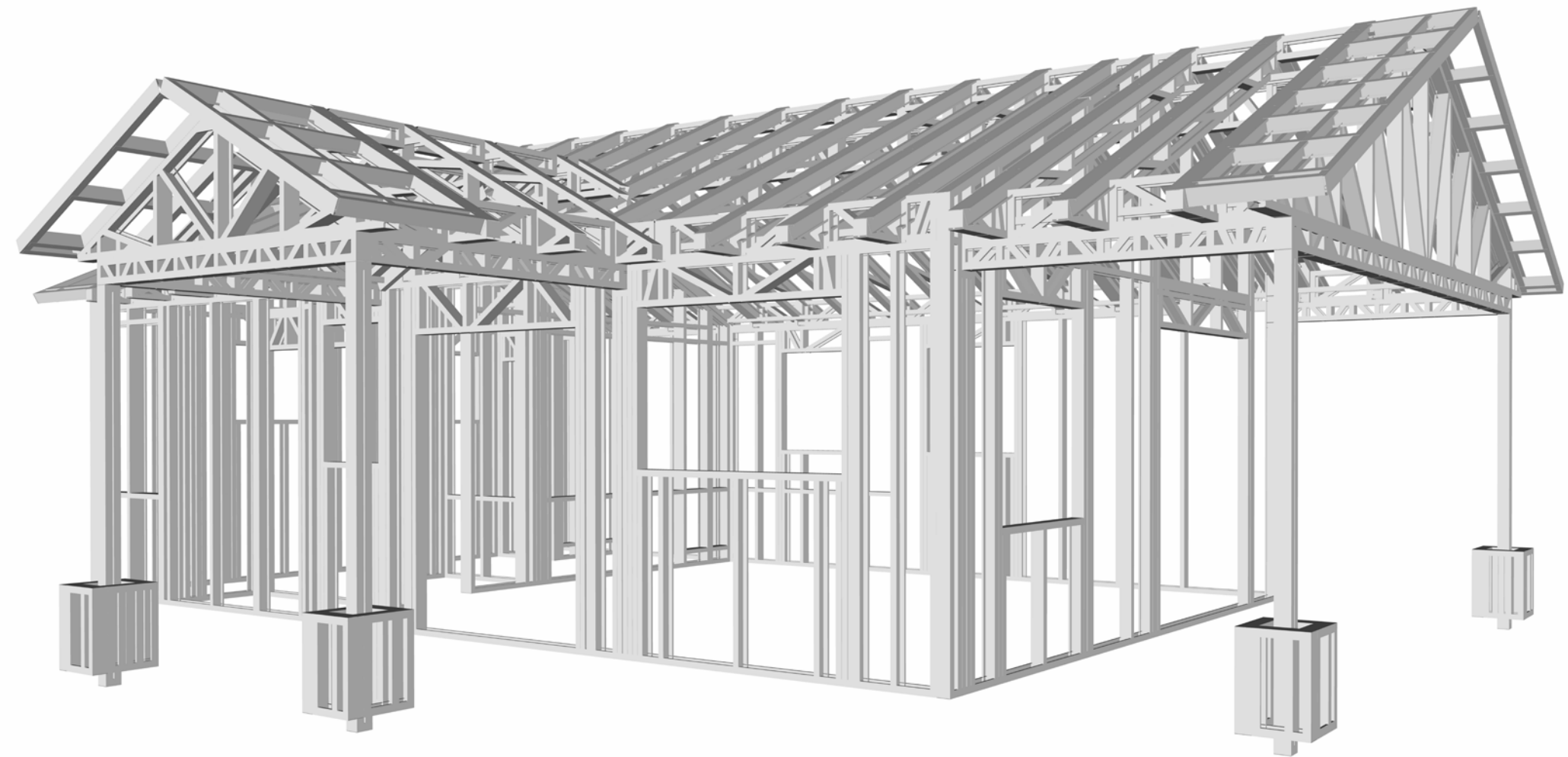
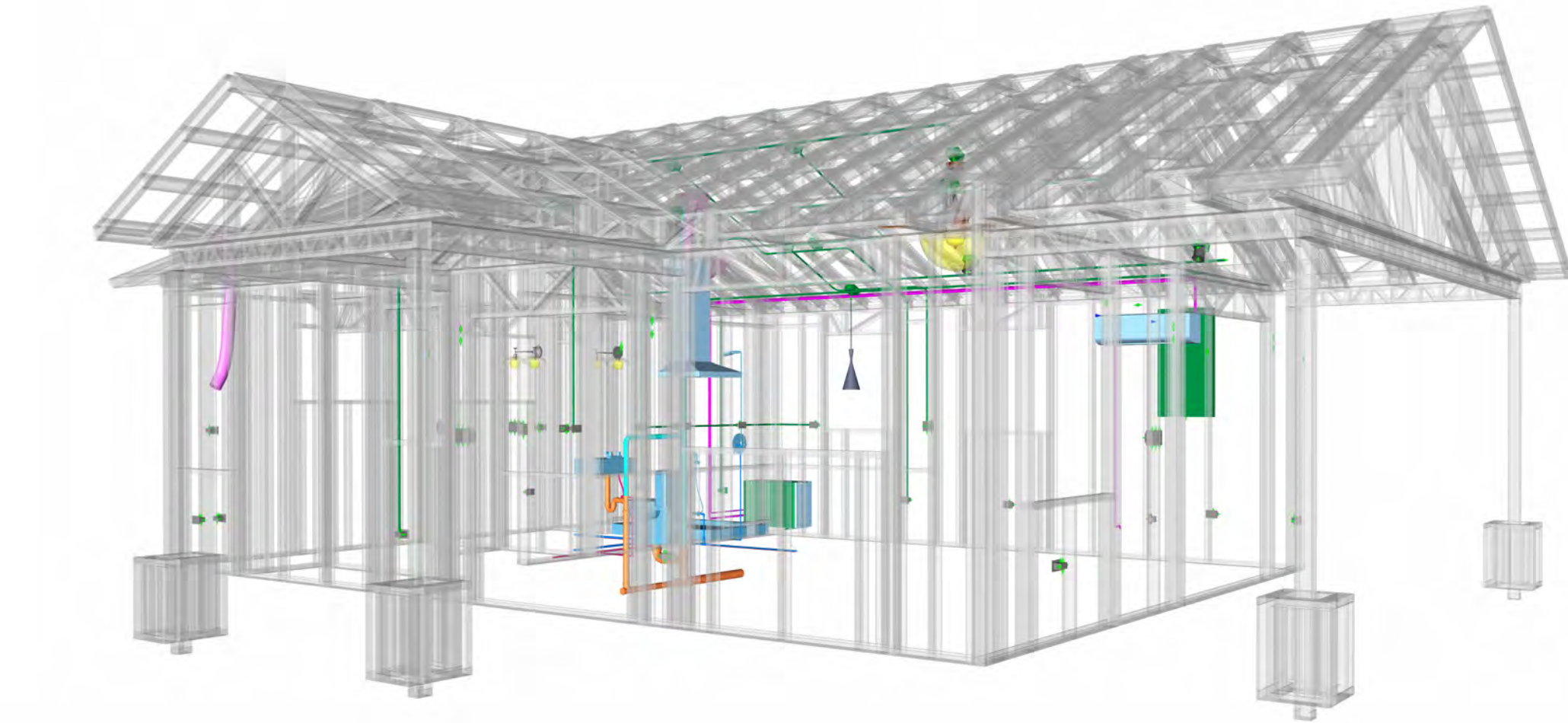
LINE LEGEND	
HIDDEN LINE	----- CUT LINE
ROOM SEPARATOR	----- CALL OUT BOUNDRY
DOOR OPENING DIRECTION	----- LEVEL
OVER HEAD	----- GROUND CUT

SYMBOLS	SYMBOLS NAME
	CALLOUT HEAD
	INTERIOR ELEVATION
	BUILDING ELEVATION
	SECTION
	DETAIL VIEW
	ELEVATION LEVEL
	SPOT ELEVATION
	FLOOR SLOPE
	ROOF SLOPE
	ROOF SLOPE ELEVATION

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TAG	TAG'S NAME
CA01	CASEWORK TAG
1	DOOR TAG
1	FURNITURE TAG
1	WINDOW TAG
SE01	SPECIALTY EQUIPMENT TAG
ME01	MECHANICAL EQUIPMENT TAG
PE01	PLUMBING EQUIPMENT TAG

ABBREVIATION	
AFS	ACTION FLOOR SYSTEMS
ASTM D698	AMERICAN SOCIETY FOR TESTING AND MATERIAL
CA	CASEWORK
EL	ELECTRICAL
F.F.E	FINISHED FLOOR ELEVATION
F.F.L	FINISHED FLOOR LEVEL
FTG	FOOTINGS
HVAC	HEATING, VENTILATION & AIR CONDITIONING
IRC	INTERNATIONAL RESIDENCE CODE
IMC	INTERNATIONAL MECHANICAL CODE
MAX.	MAXIMUM
ME	MECHANICAL
MIN.	MINIMUM
NO.	NUMBER
O.C	ON CENTER
OSB	ORIENTED STRAND BOARD
PL	PLUMBING
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
REF	REFERENCE
RG	RIGHT GARAGE
SE	SPECIAL EQUIPMENT
SF	SQUARE FEET
SIMP. STHD8	SIMPSON STRAP THE HOLDDOWN
SIMP. ABE66	SIMPSON ANCHOR BOLT EDGE
TV	TELEVISION
UNO	UNLESS NOTED OTHERWISE
W/	WITH
W/D	WASHER/DRYER
AC	AIR CONDITIONING UNIT
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDENSING UNIT
AHU	AIR HANDLING UNIT
CC	COOLING COIL
CD	CEILING DIFFUSER
CFm	Cubic Feet Per Minute
CR	CEILING REGISTER
CU	CONDENSING UNIT
CW	COLD WATER
E/A	EXHAUST AIR
EF	EXHAUST FAN
ET	EXPANSION TANK
EX.	EXISTING
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
FLR.	FLOOR
HC	HEATING COIL
HE	AIR TO AIR HEAT EXCHANGER
HV	HEATING AND VENTILATING UNIT
IV	INLET VANES
MER	MECHANICAL ROOM
MAX.	MAXIMUM
MIN.	MINIMUM
R/A	RETURN AIR
RCU	RECIPROCATING CHILLER UNIT
RF	RETURN FAN
S/A	SUPPLY AIR
SCD	SMOKE CONTROL DAMPER
SP	STATIC PRESSURE



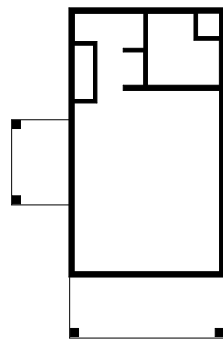
02 WISDOM 499

STUDIO TRADITIONAL

550

SQUARE FOOTAGE	
LIVING PORCH	493
TOTAL	644

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499

Studio Traditional

550

DRAWING NAME

COVER SHEET

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:16 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

G101

SCALE: As indicated

GENERAL NOTES

1. THIS DRAWING DEPICTS THE ARCHITECTURAL (SPACE LAYOUT, FURNISHING, FLOOR, WALLS, ROOFS, FOUNDATION, WINDOWS AND DOORS) SYSTEMS. IT PROVIDES A VISUAL REPRESENTATION OF THE ARCHITECTURAL LAYOUT AND COMPONENTS.
2. THE ARCHITECTURAL DRAWINGS ARE PREPARED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
3. THE CONSTRUCTION OF THIS HOME SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL RESIDENTIAL CODE (IRC), INTERNATIONAL MECHANICAL CODE (IMC), THE INTERNATIONAL PLUMBING STANDARD, THE NATIONAL ELECTRICAL STANDARD AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
4. COORDINATION WITH OTHER TRADES HAS BEEN DONE ON A DESIGN LEVEL. THIS DRAWING SHALL BE READ TOGETHER WITH THE ME, EL AND PL DESIGN DRAWINGS TO ENSURE PROPER CONSTRUCTION AND INTEGRATION OF THE BUILDING SYSTEMS.

ABOUT WALLS:

1. **SHOWER WALL COVERING**
BATHTUB AND SHOWER SPACES (WALLS AND FLOORS) WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NON-ABSORBENT SURFACE.
2. **WALL PAINT (INTERNAL)**
THE TYPICAL THICKNESS OF LATEX WALL PAINT IS 1/32 OF AN INCH FOR A SINGLE COAT. AND DOUBLE COAT (1/16") SHALL BE APPLIED FOR DURABILITY.
3. **ADHESIVES:**
THE ADVISABLE TYPE OF ADHESIVE FOR THIS PROJECT IS **EPOXY ADHESIVES** BECAUSE THEY ARE KNOWN FOR THEIR HIGH STRENGTH, DURABILITY, AND RESISTANCE TO MOISTURE, CHEMICALS AND HEAT.

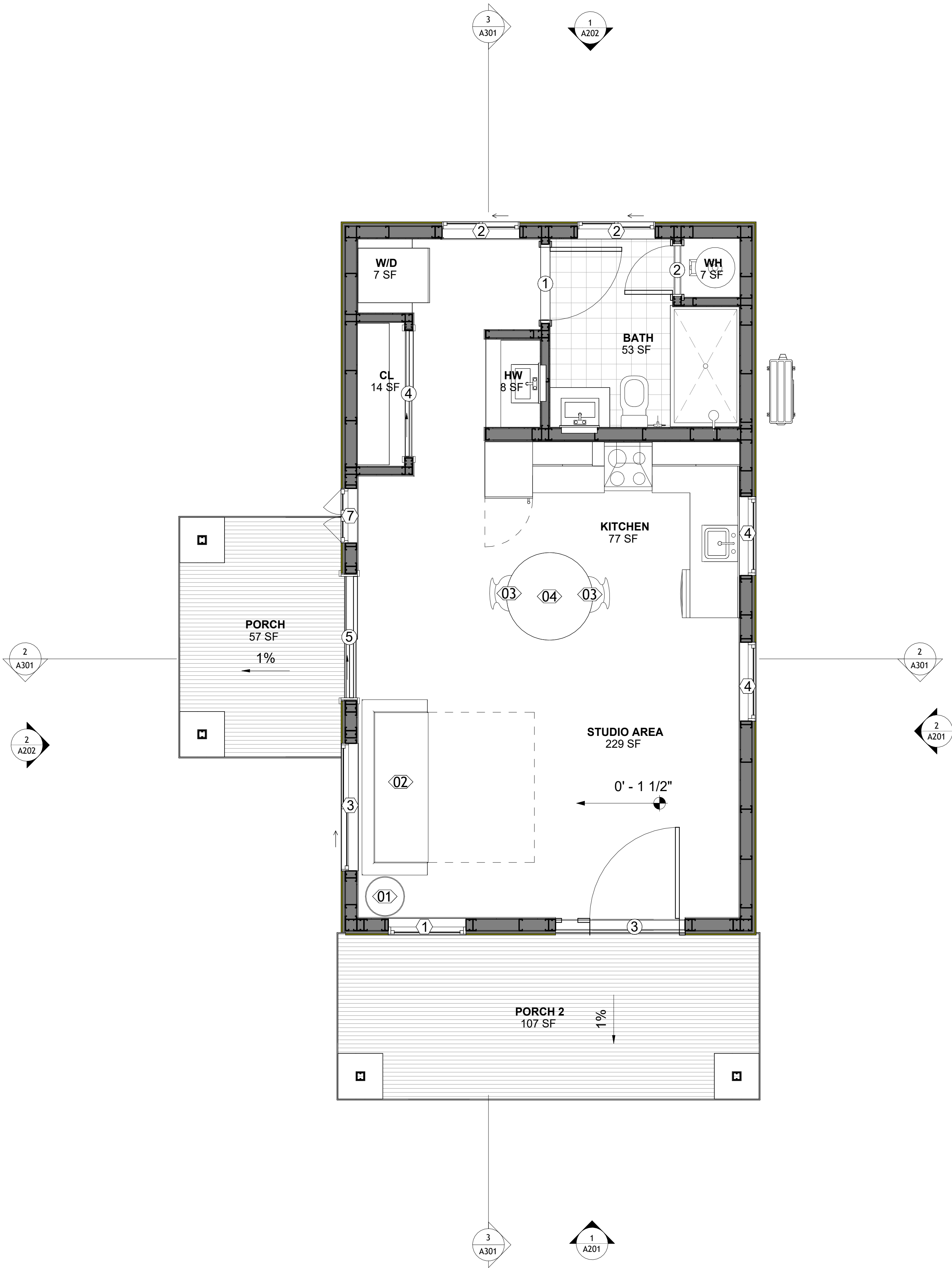
REFER TO SHEETS **A201** & **A202** FOR GENERAL NOTES ON EXTERNAL FINISHING MATERIALS

ABOUT FLOORS:

1. THE SPOT ELEVATION INDICATES THE FINISHED FLOOR ELEVATION.
2. FINISHED FLOORS PER PLANS.
3. FIELD VERIFY FOR DIMENSION DROP 4" FOR SHOWER AND BATHTUB USE.
4. 1% SLOPE ON OUTDOOR BALCONIES FOR WATER RUN OFF.
5. 2% SLOPE TOWARDS THE SHOWER DRAIN FOR SUFFICIENT DRAINAGE.
6. 4" DROP AT THE DOOR LEADING TO EXTERIOR BALCONY FROM THE MAIN LIVING AREA.
7. 5% SLOPE FOR GARAGE IS USED, WHICH SHOULD BE CHECKED WITH THE LOCAL GARAGING ZONING LAWS.

FURNITURE SCHEDULE		
TYPE MARK	TYPE	COUNT
01	500MM DIAMETER	1
02	THREE SEAT SOFA 2	1
03	DINING CHAIR	2
04	COFFE TABLE	1

ROOM FINISH SCHEDULE							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COMMENTS
01	STUDIO AREA	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
02	BATH	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
03	WH	VINYL TILES	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
04	KITCHEN	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
05	HW	VINYL TILES	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
06	CL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
07	W/D	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	
08	PORCH 2	PROCELAIN TILE	CONCRETE	EXTERIOR-GRADE PLYWOOD	PLYWOOD	8' - 0"	
09	PORCH	PROCELAIN TILE	CONCRETE	EXTERIOR-GRADE PLYWOOD	PLYWOOD	8' - 0"	
10	HALL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	



SQUARE FOOTAGE	
LIVING PORCH	493
TOTAL	644

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

FLOOR PLAN

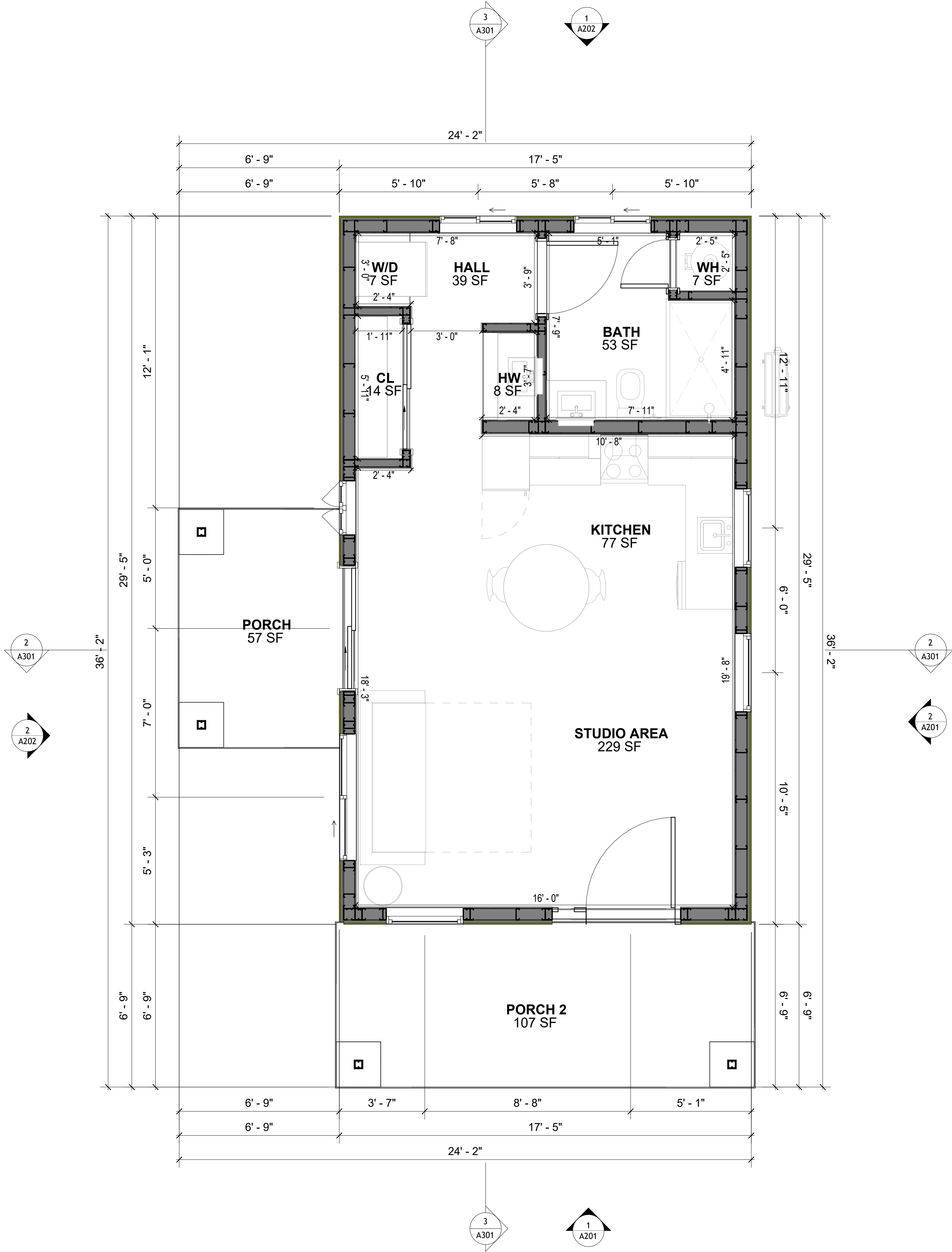
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PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:18 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A101

SCALE: As indicated

DIMENSIONS IN THE ARCHITECTURAL DRAWINGS CONSIDER FINISHING MATERIALS. FOR PRECISE MEASUREMENTS OF THE STRUCTUAL FRAMING, REFER TO THE ATTACHED STRUCTURAL PLAN SET.

SQUARE FOOTAGE	
LIVING PORCH	493
TOTAL	644



1 **DIMENSION PLAN**
3/8" = 1'-0"

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

DIMENSION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:19 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A102

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

FOUNDATION NOTES

NOTES:
TERMITES PRETREATMENT BY LICENSED CONTRACTOR UNDER SLAB AND AROUND FOOTINGS.
ALL AREAS BELOW SLABS SHALL BE TREATED NO MORE THAN 24 HOURS PRIOR TO CONCRETE POUR. EVIDENCE OF TREATMENT MUST BE PROVIDED PRIOR TO PLACING OF CONCRETE.

1. **MATERIALS:**
ALL INTERIOR CONCRETE SLABS SHALL BE A MIN. OF 4" THICK CONCRETE OVER 4" COMPACTED AGGREGATE BASE (ASTM D698). FINISH ELEVATIONS AS NOTED ON DRAWINGS, 6" ABOVE ADJACENT GRADE, LEVEL SLABS TO 1/8"-10" MAX.. CONCRETE SLABS SHALL BE 2500# PSI AT 28 DAYS. A 4" ALLOWABLE SLUMP.

2. **PAD PREPARATION:**
- EXCAVATION FOR FOOTING SHALL BE NEAT.
- FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION AND APPROPRIATE INSPECTION.
- ALL REINFORCING STEEL MARKED "CONTINUOUS" SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES AND AROUND CORNERS OR INTERSECTIONS WITH A STANDARD 90 DEGREE BEND ON CORNER BARS. LAP WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.
- ALL HARDWARE TO BE SIMPSON OR EQUIVALENT.
- EXTERIOR FRAME WALL TO BE SECURED WITH 1/2"x10" ANCHOR BOLTS 4'-0" O.C. FOR 1-STORY AND 2'-8" O.C. FOR 2-STORY. BOLTS SHALL BE LOCATED WITHIN 1'-0" OF EACH END PIECE AND SHALL HAVE A MIN. OF TWO BOLTS PER PIECE.
-FOUNDATION ANCHOR STRAPS SHALL BE PERMITTED.ACCORDING TO RESIDENTIAL CODE 2021
- ALL INTERIOR WALLS TO BE SECURED WITH POWER DRIVEN PINS PER MANUFACTURER SPECIFICATION USE PIN SPACING EQUIVALENT TO 1/2" ANCHOR BOLTS.
- ALL CONSTRUCTION TO CONFORM TO THE 2012 IRC
- R-10 RIGID INSULATION OUTSIDE OF EXTERIOR FOUNDATION WALLS UNDER LIVING AREA.
- CONCRETE PAD FOR CONDENSER THICKNESS IS 4" MIN UNLESS OTHERWISE NOTED.

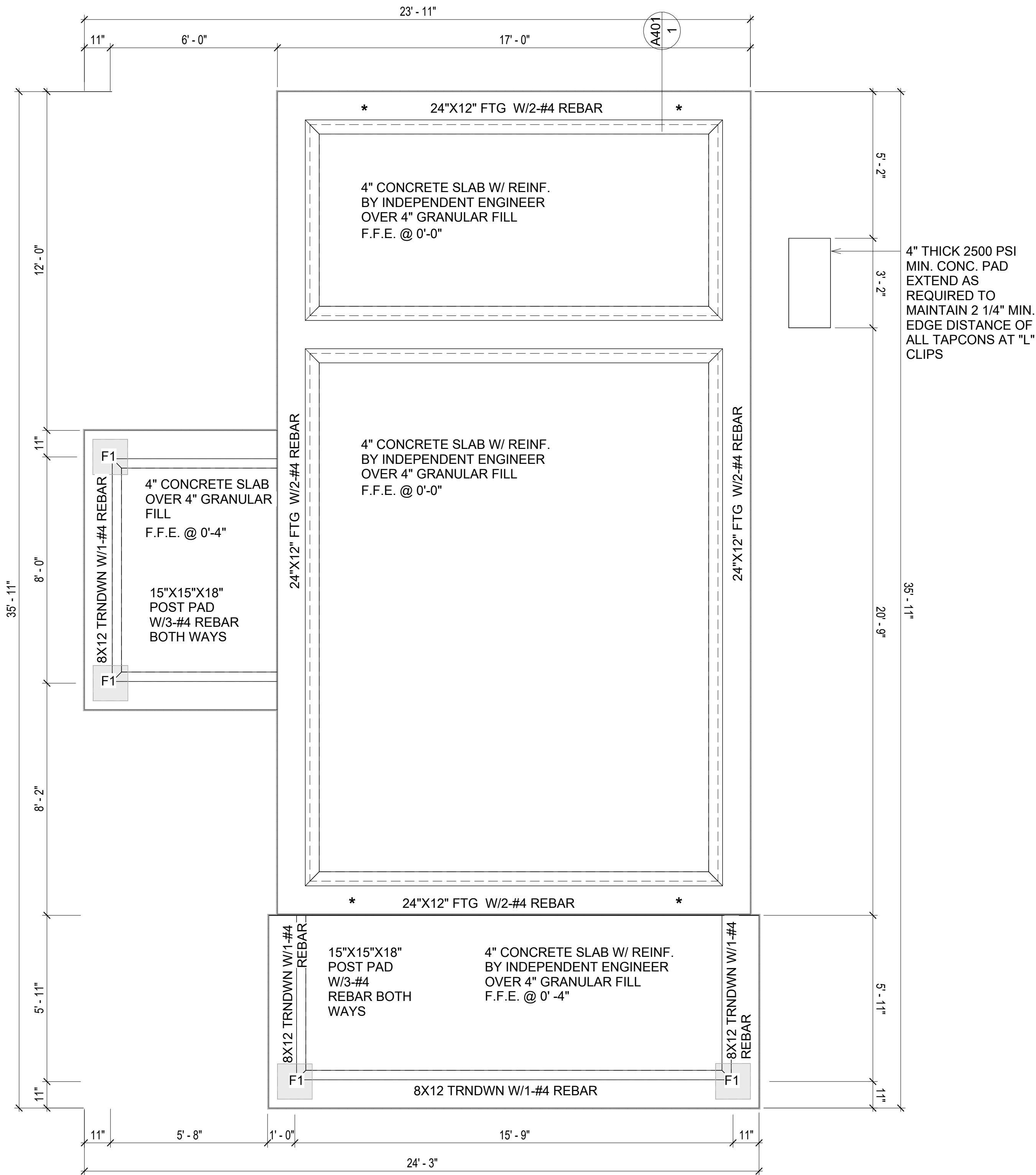
3. **CONCRETE CONSTRUCTION:**
- THE SLAB SHALL BE UNDERLAIN BY A VAPOR BARRIER/RETARDER IN THE LIVING AREA (TYPICALLY POLYETHYLENE, UNLESS MORE STRINGENT PROTECTION REQUIRED BY THE ARCHITECT, ENGINEER, FLOOR COVERING MANUFACTURER, OR ACCEPTED PRACTICE). UNLESS OTHERWISE REQUIRED, BARRIER MAY BE OMITTED AT GARAGES, PORCHES AND PATIOS WITHOUT FLOOR COVERINGS. IT IS BEYOND THE SCOPE OF THESE PLANS TO DETERMINE THE APPLICABILITY OF THESE MORE STRINGENT REQUIREMENTS. BUILDER SHALL VERIFY PRIOR TO CONSTRUCTION.

4. **REINFORCEMENT :**
- IF CONSTRUCTED ON ACTIVE SOILS, THE LONG TERM PERFORMANCE OF THE FOUNDATION IS DEPENDENT ON MAINTENANCE BY THE OWNER. THUS THE BUILDER SHALL ADVISE THE OWNER OF THE FOLLOWING:
1. DRAINAGE MUST BE MAINTAINED. WATER SHALL NEVER BE ALLOWED TO POND NEAR THE FOUNDATION.
2. THE SOIL AROUND THE FOUNDATION SHALL BE MAINTAINED IN A RELATIVELY DAMP CONDITION,SUCH AS THAT REQUIRED TO KEEP A LAWN GREEN. IF IT DRIES OUT IT WILL SHRINK. IF IT GETS WET, IT WILL HEAVE UPWARD.
3. SLABS ON THE SHORTER SIDE USES MAIN BARS ARE USED IN THIS DIRECTION ONLY WITH SMALLER DIAMETER DISTRIBUTION BARS ARE PLACED, FORMING A MAT OR GRID.
4. ALL REINFORCEMENT BARS SIZE 10MM OR LARGER IN ACCORDANCE TO ASTM
3. ANCHOR BOLTS AT ALL EXTERIOR WALLS SHALL BE MINIMUM 1/2 INCH DIAMETER WITH A MAXIMUM SPACING OF 6'-0" ON CENTER, UNLESS NOTED OTHERWISE.
4. ANCHOR BOLTS SHALL BE INSTALLED WITHIN 12 INCHES OF EACH END OF EACH SILL PLATE WITH AT LEAST TWO ANCHOR BOLTS FOR EACH BOLTS FOR EACH SILL PLATE LONGER THAN 12 INCHES.
5. SIMPSONS SILL ANCHORS MAYBE SUBSTITUTED FOR ANCHOR BOLTS AT THE SAME SPACING.
6. EXTERIOR CONCRETE SLABS WHICH ARE NOT PART OF THE MAIN SLAB SHALL BE MINIMUM 4 INCHES THICK WITH NO STEEL REINFORCING BARS REQUIRED, UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.

VERIFY THE FOLLOWING PRIOR TO POURING:

- ALL HOLDDOWNS , STRAP, AND POST LOCATIONS.
- CONCRETE FINISHES. PANEL RISER LOCATION - WHERE APPLICABLE.
- UNDERSLAB MECHANICAL REQUIREMENTS.
- STEM WALL BLOCKOUTS.
- UNDERSLAB ELECTRICAL REQUIREMENTS AND PANEL RISER LOCATION. WHERE APPLICABLE.
- PROVIDE THE FOLLOWING:
- PVC SLEEVES THROUGH FTG IF REQUIRED
- 20' #4 COPPER GROUND BAR.
- SLOPE FINISH GRADE AWAY FROM FOOTING.

NOTE: FIELD VERIFY ALL DIMENSIONS SEE DIMENSIONED ARCHITECTURAL DRAWINGS



1 FOUNDATION PLAN
3/8" = 1'-0"

SQUARE FOOTAGE	
LIVING	493
PORCH	151
TOTAL	644

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

FOUNDATION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:20 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

S101

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

GENERAL NOTES

NOTES:
-ALL BEARING WALLS SHOULD HAVE A THICKENED SLAB PER SECTION PER DETAIL A401/5.

A) FOUNDATION PLAN NOTES:

- CONCRETE SLAB SHALL BE 6" THICK WITH 1/2" DIAMETER TENDONS PER LAYOUT PLAN, CENTERED IN SLAB THICKNESS, OVER APPROVED SUBBASE PER GENERAL STRUCTURE NOTES.
- TERMITE PROTECTION SHALL BE PROVIDED PER IRC SECTION R318.1
- NONE TYPICAL ANCHOR BOLT SPACING AT SHEAR WALL AND HOLD DOWN SPECIFICATIONS PER APPROVED ARCHITECTURAL PLANS.
- INSTALL HOLDDOWNS BEFORE CONCRETE SLAB POUR.
- EXISTING FILL ON-SITE SHALL BE COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS IN THE GEOTECHNICAL REPORT.
- ALL FLOOR SLABS ARE REINFORCED ON CONCRETE SLABS.

SPECIAL INSPECTION IS REQUIRED FOR THICKENED FOUNDATION CONSTRUCTION

- REINFORCEMENT
- 2300 PSI CONCRETE POUR

B) REINFORCEMENT FOR CONCRETE:

- ALL REINFORCING SLABS BARS SIZE 10MM OR LARGER SHALL BE DEFORMED IN ACCORDANCE TO ASTM-A706, AND BARS SMALLER THAN 10 MM MAYBE PLAIN.
- UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

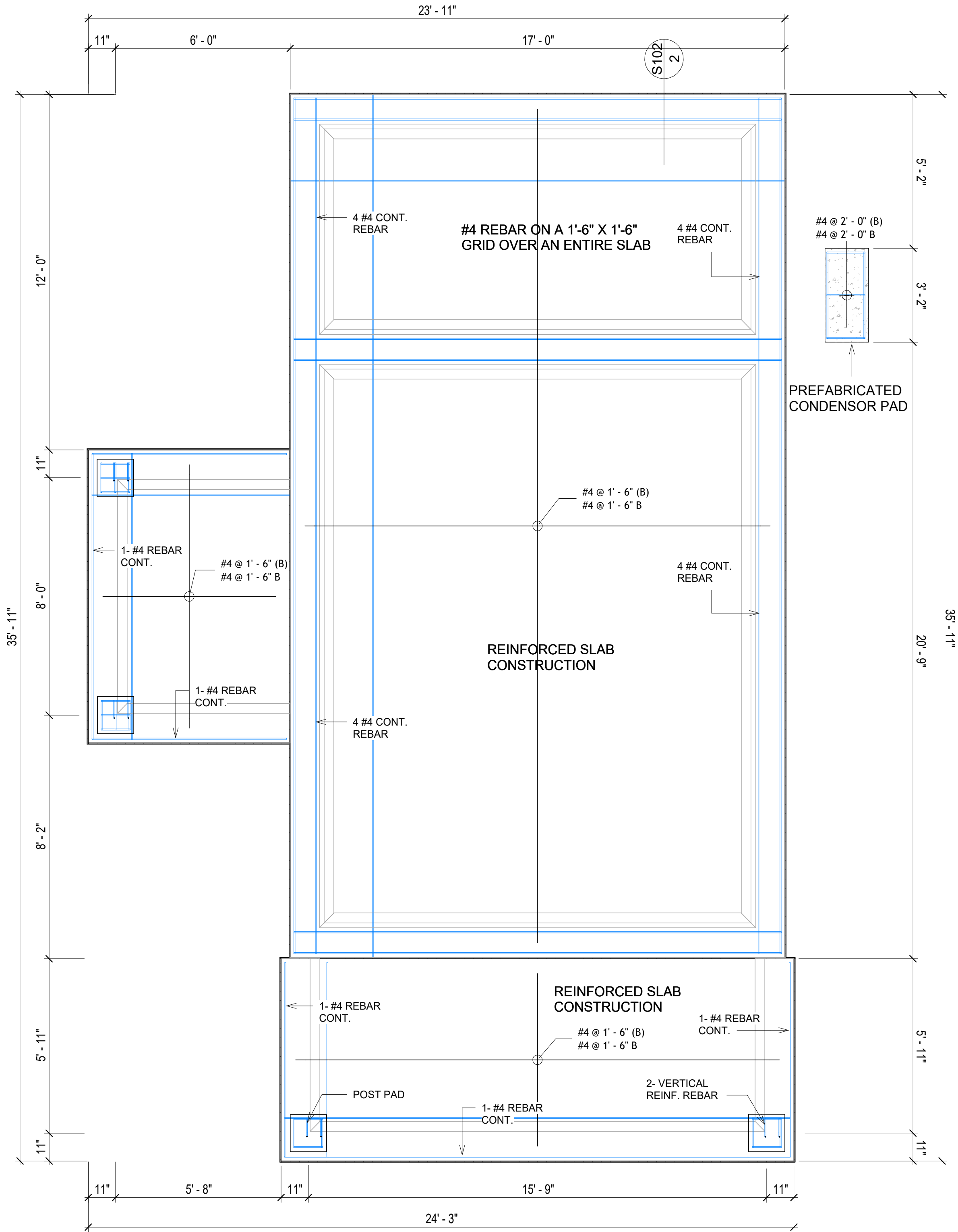
- A) FOOTING = 40,000 PSI
B) NON-LOAD BEARING WALLS AND PARAPETS= 40,000 PSI

- SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND
- GRADE OF STEEL FOR RCC WORKS SHALL BE GRADE 4 10.
- BAR NOTATIONS GIVES INFORMATION
A) BAR SIZE
B) SPACING(IF REQUIRED)
- LAP REINFORCEMENT ONLY AT LOCATION SHOWN IN THE DRAWINGS
- REINFORCEMENT SHALL NOT BE CUT, VENT OR HEATED ON SITE WITHOUT ENGINEERS' APPROVAL.

C) CONCRETE SLAB NOTES

- ALL SLAB REINFORCEMENT SHALL BE 20MM CLEAR MINIMUM FROM BOTTOM AND FROM TOP OF SLAB.
- REINFORCEMENT IN CONTINUOUS ELEVATED SLAB SHALL BE CUT AS FOLLOWS.

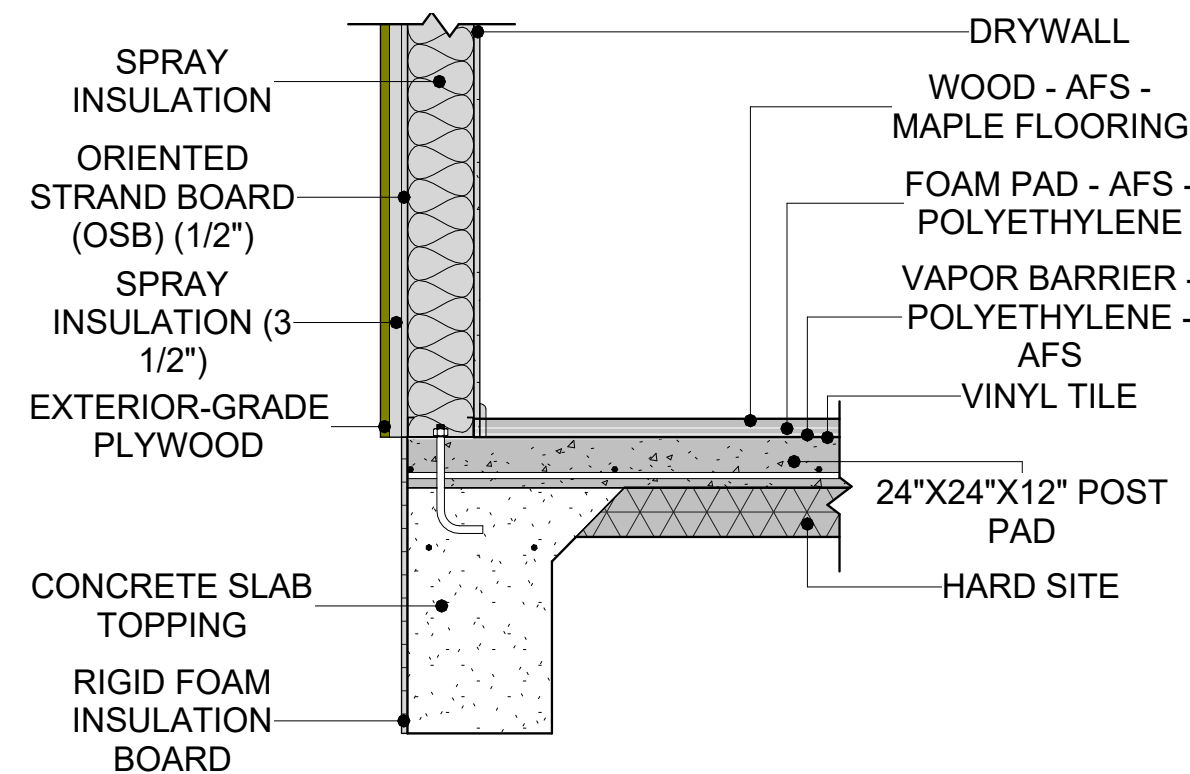
NOTE:
- THIS IS A SCHEMATIC PLAN FOR THE PURPOSE OF LOCATING AND IDENTIFYING FOUNDATION REINFORCING ELEMENTS ONLY. VERIFY ALL DIMENSIONS, DROPS, OFFSETS AND FEATURES WITH THE ARCHITECTURAL PLANS BEFORE FORMING THE FOUNDATION.



1

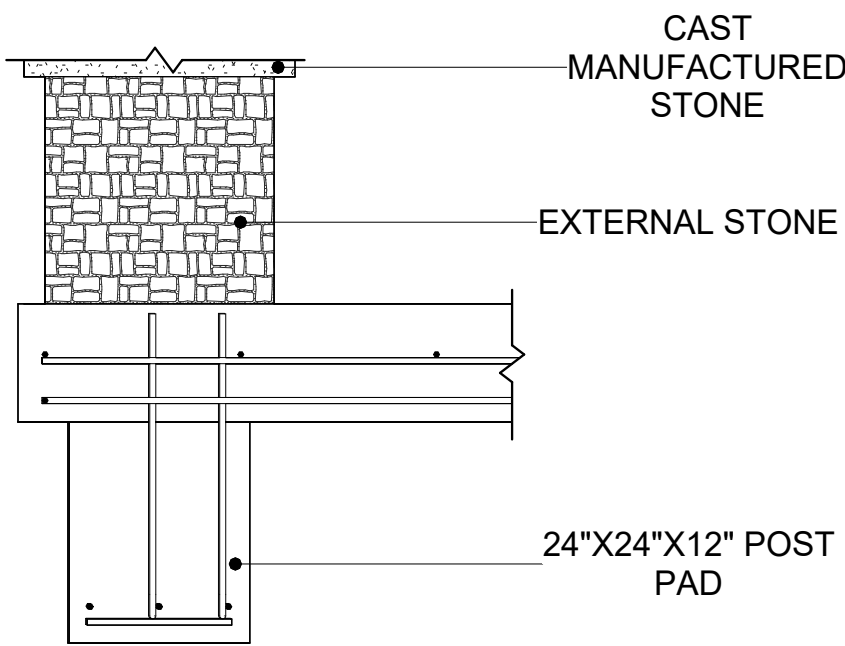
FOUNDATION REBAR PLAN
3/8" = 1'-0"

#4-REBAR ON A 2'-0" X 2'-0" GRID
SLAB ON GRADE FOUNDATION



2

TYPICAL WALL FTG DETAIL
3/4" = 1'-0"



3

TURNDOWN/POST PAD
3/4" = 1'-0"

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

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02 Wisdom 499
Studio Traditional
550

DRAWING NAME

STRUCTURAL FLOOR
PLAN

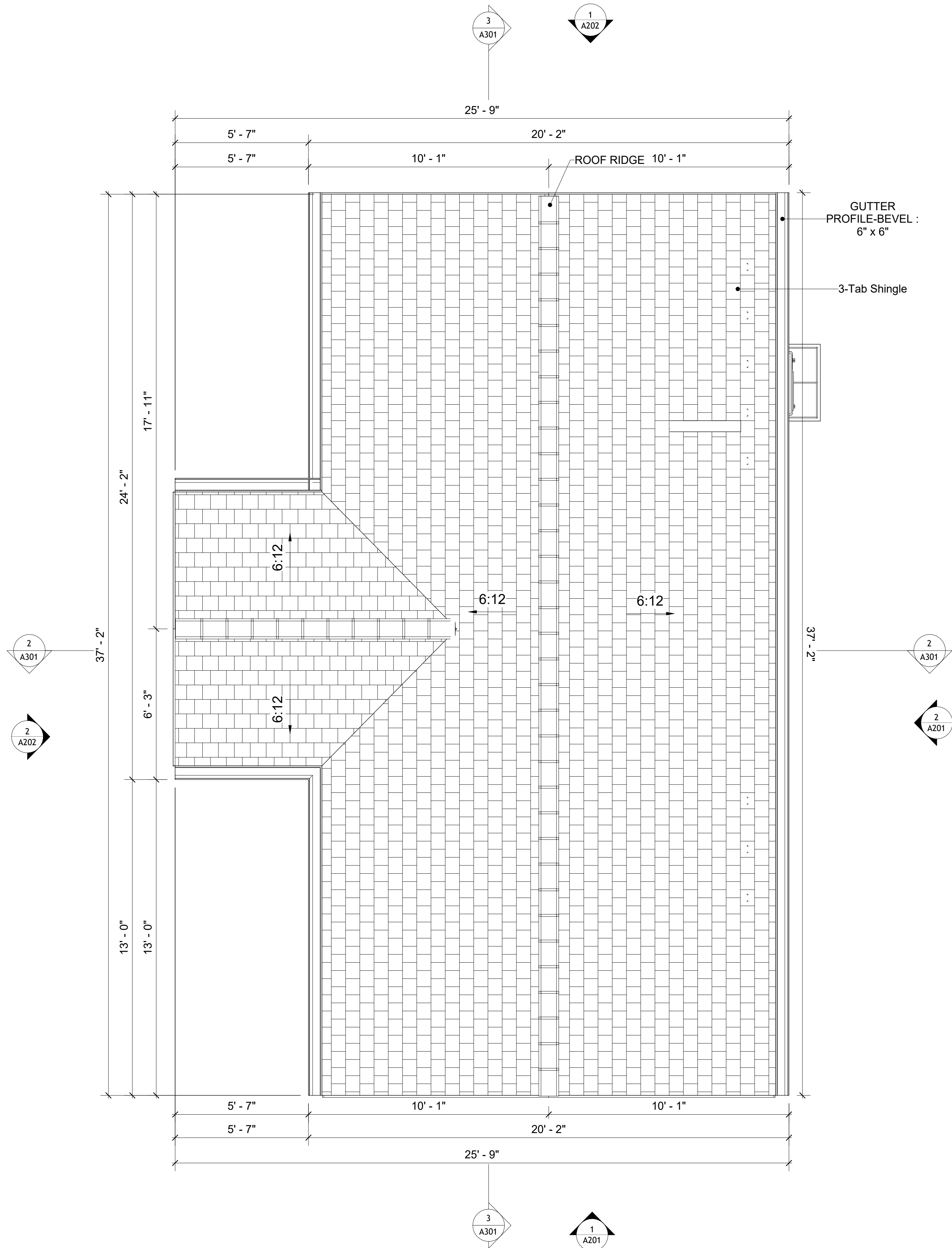
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DATE:	2/1/2025 5:14:21 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

S102

SCALE: As indicated

ROOF NOTES

1. ROOFING COMPOSITION ROOFING PER OWNERS/BUILDERS SPECIFICATIONS INSTALL PER MANUFACTURE SPECIFICATIONS ON 1/2" ORIENTED STRAND BOARD ON PRE-ENGINEERED TRUSS @ 24" O.C. (UNO.)
2. 73" OVERHANG AT EAVES (UNO.)
3. ENDS OF ALL TRUSSES AND JOISTS TO BE FULLY BLOCKED. PROVIDE SOLID BLOCKING AT ALL RIDGES AND VALLEYS
4. SHEATHING TO BE 1/2", 3/8" OSB SHEAR PANEL AND EQUIVALENT. UNDERSIDE OF PORCH TRUSSES TO BE FINISHED WITH MOISTURE RESISTANT DRYWALL, TAPED AND TEXTURED.
5. EXPOSED EAVES AND OTHER WEATHER EXPOSED AREAS TO BE SHEATHED WITH EXTERIOR GRADE PLYWOOD.
6. ALL MATERIALS THICKNESS AND SIZE ARE THE MINIMUM. Refer TO LOCAL STANDARDS FOR ACTUAL THICKNESS AND LAYERING OF MATERIALS.
7. ENGINEERED TRUSS CALCULATIONS TO BE SUBMITTED TO BUILDING DEPARTMENT PRIOR TO FABRICATION AND INSTALLATION.
8. TRUSS MANUFACTURER TO SPECIFY HANGER CONNECTORS FOR TRUSS COMPONENTS (TYPICAL)
9. DESIGNER ASSUMES THAT TRUSSES BEAR ON ALL EXTERIOR PERIMETER WALLS (TYPICAL) OR BEAMS.
10. PROVIDE GALVANIZED STEEL FLASHING WITH A LENGTH OF 10 FEET, WIDTH OF 12 INCHES, AND THICKNESS OF 24 GAUGE.



1 ROOF PLAN
3/8" = 1'-0"

SQUARE FOOTAGE	
LIVING	493
PORCH	151
TOTAL	644

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

ROOF PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:24 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

SCALE: As indicated

ABOUT WALL FINISHING

PLYWOOD WALL SIDING

WALL SIDING IS AN EXTERIOR CLADDING MATERIAL USED TO COVER AND PROTECT THE WALLS OF A BUILDING, PROVIDING BOTH FUNCTIONAL AND AESTHETIC BENEFITS.

IN THIS SPECIFIC PROJECT, PLYWOOD WALL PANELS ARE USED AS A FINISH SIDING BECAUSE THIS TYPE OF SIDING PROVIDES A DURABLE, COST-EFFECTIVE, AND VERSATILE EXTERIOR CLADDING THAT CAN BE EASILY INSTALLED, FINISHED, AND MAINTAINED TO ENHANCE THE AESTHETIC AND PROTECTIVE QUALITIES OF A BUILDING'S EXTERIOR.

STANDARD SIZES OF 1' X 8' EXTERIOR-GRADE PLYWOOD PANELS ARE INSTALLED ON THE FURRING STRIPS USING GALVANIZED STEEL SELF-DRILLING SCREWS.

EXTERNAL STONE

THESE STONE PRODUCTS ARE MADE FROM A BLEND OF NATURAL AGGREGATES, CEMENT, AND OTHER PROPRIETARY MATERIALS.

THE STONE FINISH IS DIRECTLY ATTACHED TO COLD-FORMED STEEL (CS) FRAMING. (FOR COLUMN FINISH) EXTERNAL STONE CAN BE AN EXCELLENT EXTERIOR CLADDING OPTION FOR CS-FRAMED BUILDINGS. IN THIS SCENARIO, THE EXTERNAL STONE WOULD BE ADHERED TO THE CS FRAME USING A SCRATCH COAT AND MORTAR-BASED ADHESIVE.

CAST MANUFACTURED STONE

MANUFACTURED STONE, ALSO KNOWN AS CULTURED OR ARTIFICIAL STONE, IS A SYNTHETIC BUILDING MATERIAL MADE FROM A BLEND OF CEMENT, AGGREGATES, AND PIGMENTS TO MIMIC THE APPEARANCE OF NATURAL STONE. IT IS LIGHTWEIGHT, DURABLE, AND CUSTOMIZABLE IN COLOR AND TEXTURE.

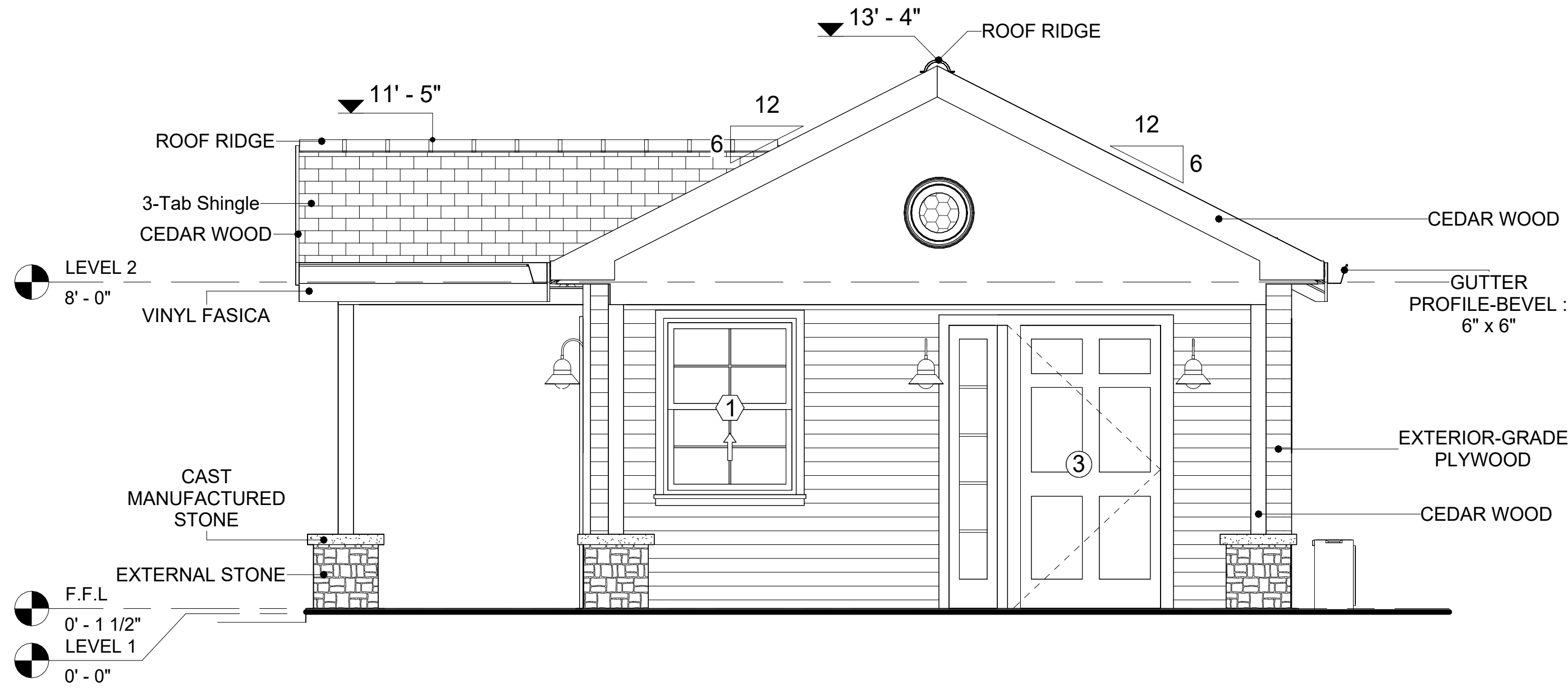
IN THIS PROJECT, MANUFACTURED STONE IS USED AS THE COPING MATERIAL, PROVIDING A DURABLE AND AESTHETIC FINISH THAT MIMICS THE APPEARANCE OF NATURAL STONE.

CEDAR WOOD

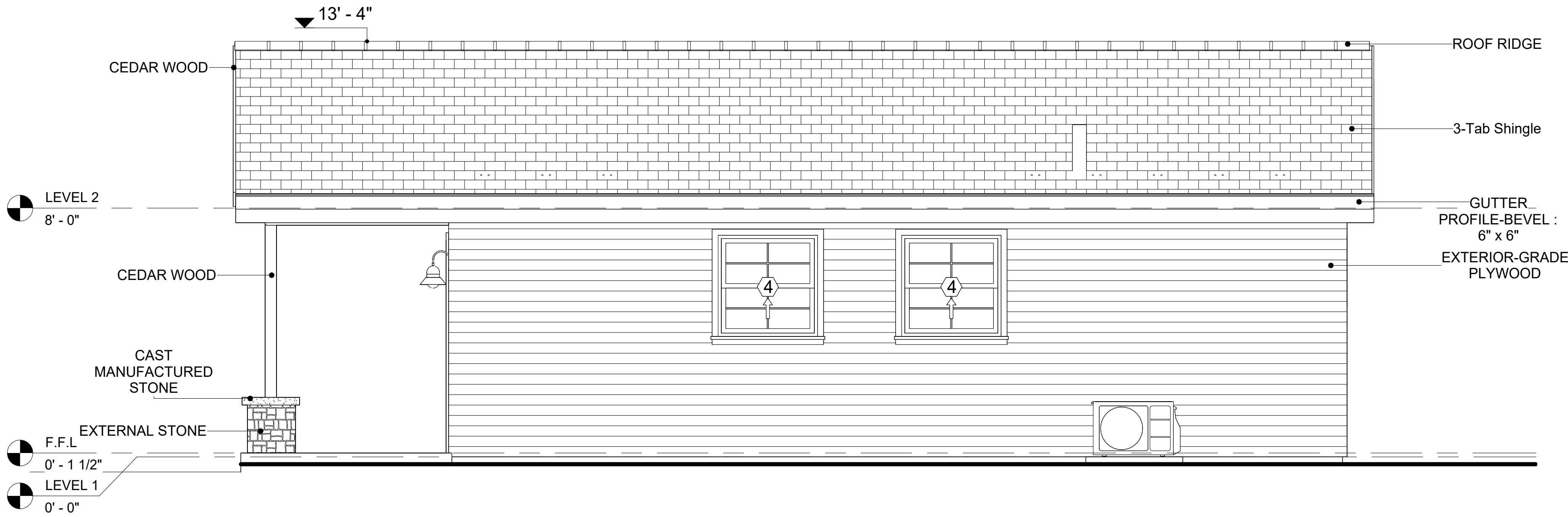
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

IN THIS SPECIFIC PROJECT, CEDAR WOOD IS USED AS A FURRING STRIP AND A FINISH MATERIAL ON BEAMS AND COLUMNS.

CEDAR WOOD AS A FURRING STRIPS PROVIDE THERMAL INSULATION AND MOISTURE MANAGEMENT. THE VERTICAL CEDAR WOOD FURRING STRIPS ARE ATTACHED TO HOME WRAP USING CORROSION-RESISTANT FASTENERS (HOT-DIP GALVANIZED SCREWS), ENSURING PROPER PENETRATION INTO THE WALL FRAMING.



1 FRONT ELEVATION
3/8" = 1'-0"



2 RIGHT SIDE ELEVATION
3/8" = 1'-0"

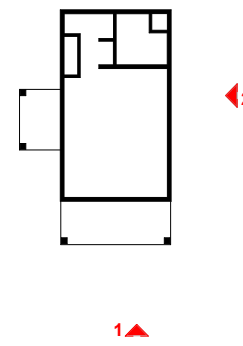
DOOR SCHEDULE

TYPE MAR K	SUPPLIER	DOOR TYPE	LOCATION	SIZE		COUNT
				WIDTH	HEIGHT	
1	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	3' - 0"	6' - 8"	1
2	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 0"	6' - 8"	1
3	HOME DEPOT	FRONT_DOOR_W_HEADER_AND_SIDELIGH TS_8215	INTERIOR	3' - 9"	6' - 11 1/2"	1
4	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	5' - 2"	6' - 8"	1
5	HOME DEPOT	PATIO_DOUBLE PANEL_SLIDING	INTERIOR	5' - 0"	6' - 8"	1

WINDOW SCHEDULE

TYPE MARK	SUPPLIER	WINDOW TYPE	SIZE		COUNT
			WIDTH	HEIGHT	
1	HOME DEPOT	SINGLE HUNG	3' - 3"	4' - 3"	1
2	HOME DEPOT	SLIDING	3' - 3"	2' - 3"	2
3	HOME DEPOT	SLIDING	5' - 3"	3' - 3"	1
4	HOME DEPOT	SINGLE HUNG	3' - 3"	3' - 3"	2
5	HOME DEPOT	CASEMENT	1' - 6"	1' - 6"	1
6	HOME DEPOT	CASEMENT	1' - 0"	1' - 0"	1
7	HOME DEPOT	CASEMENT	2' - 3"	3' - 3"	1

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

ARCHITECTURAL
ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:27 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A201

SCALE: As indicated

ABOUT WALL FINISHING

PLYWOOD WALL SIDING

WALL SIDING IS AN EXTERIOR CLADDING MATERIAL USED TO COVER AND PROTECT THE WALLS OF A BUILDING, PROVIDING BOTH FUNCTIONAL AND AESTHETIC BENEFITS.

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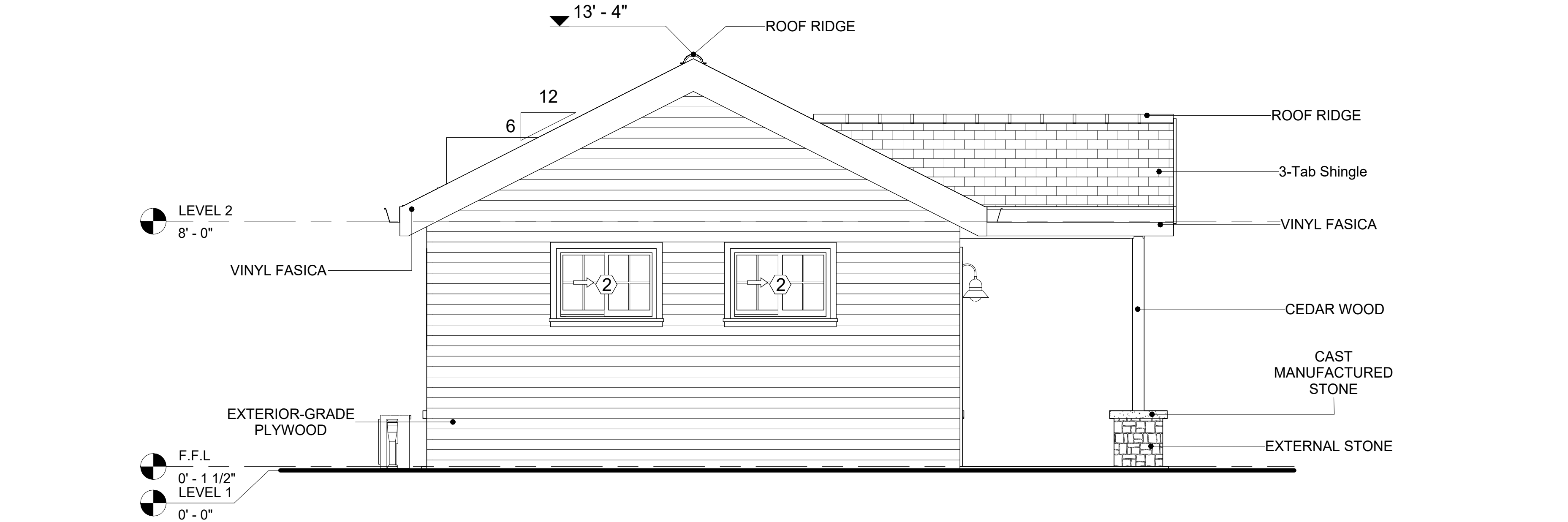
IN THIS PROJECT, MANUFACTURED STONE IS USED AS THE COPING MATERIAL, PROVIDING A DURABLE AND AESTHETIC FINISH THAT MIMICS THE APPEARANCE OF NATURAL STONE.

CEDAR WOOD

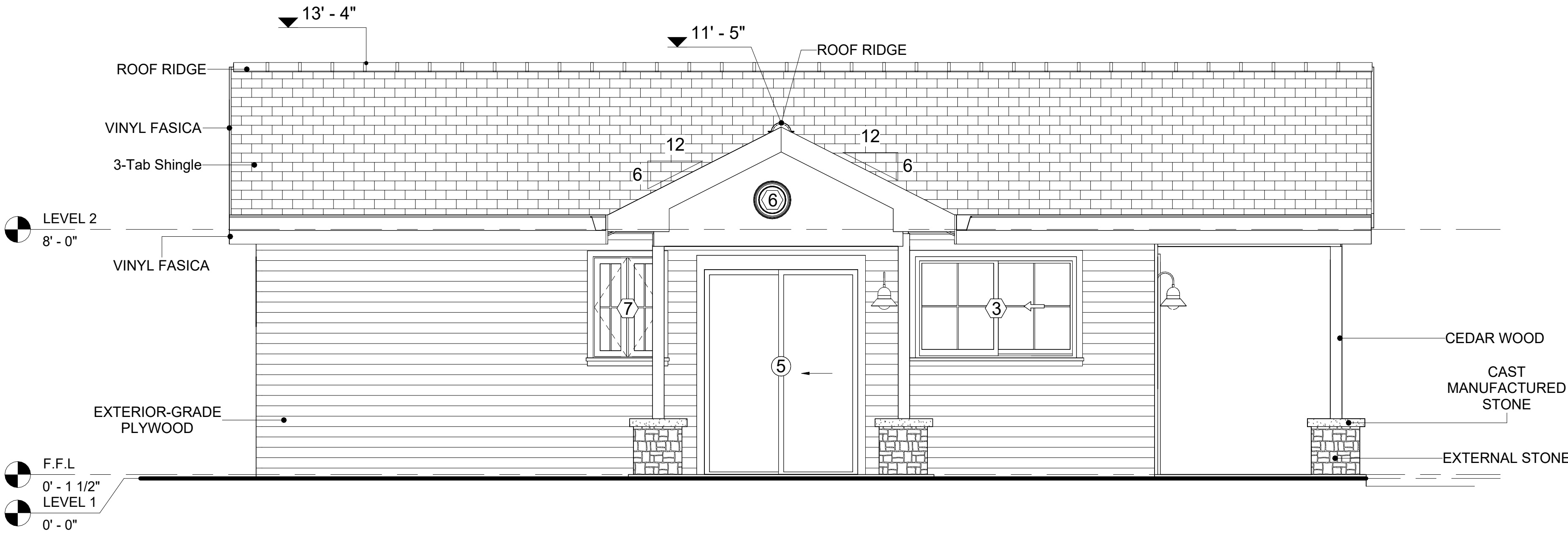
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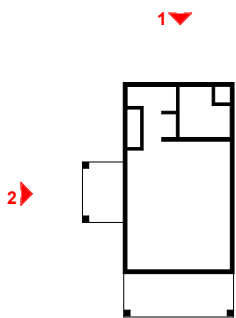


1 REAR ELEVATION
3/8" = 1'-0"



2 LEFT SIDE ELEVATION
3/8" = 1'-0"

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

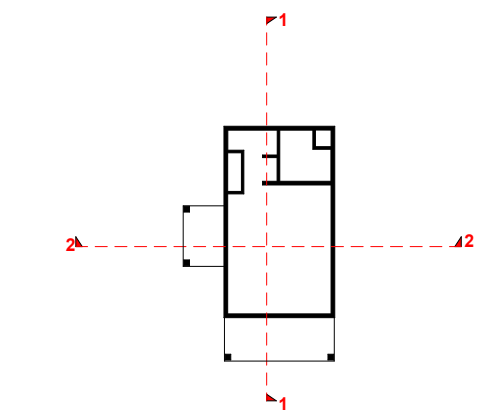
ARCHITECTURAL
ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:31 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A202

SCALE: As indicated

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

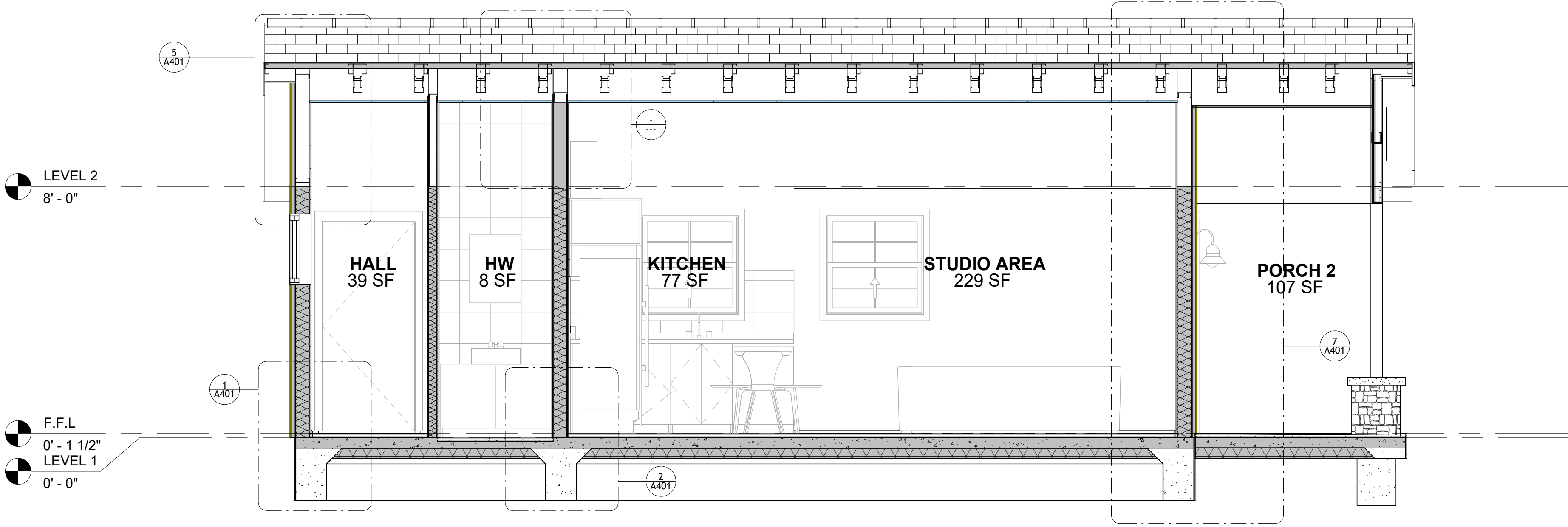
DRAWING NAME

ARCHITECTURAL
SECTIONS

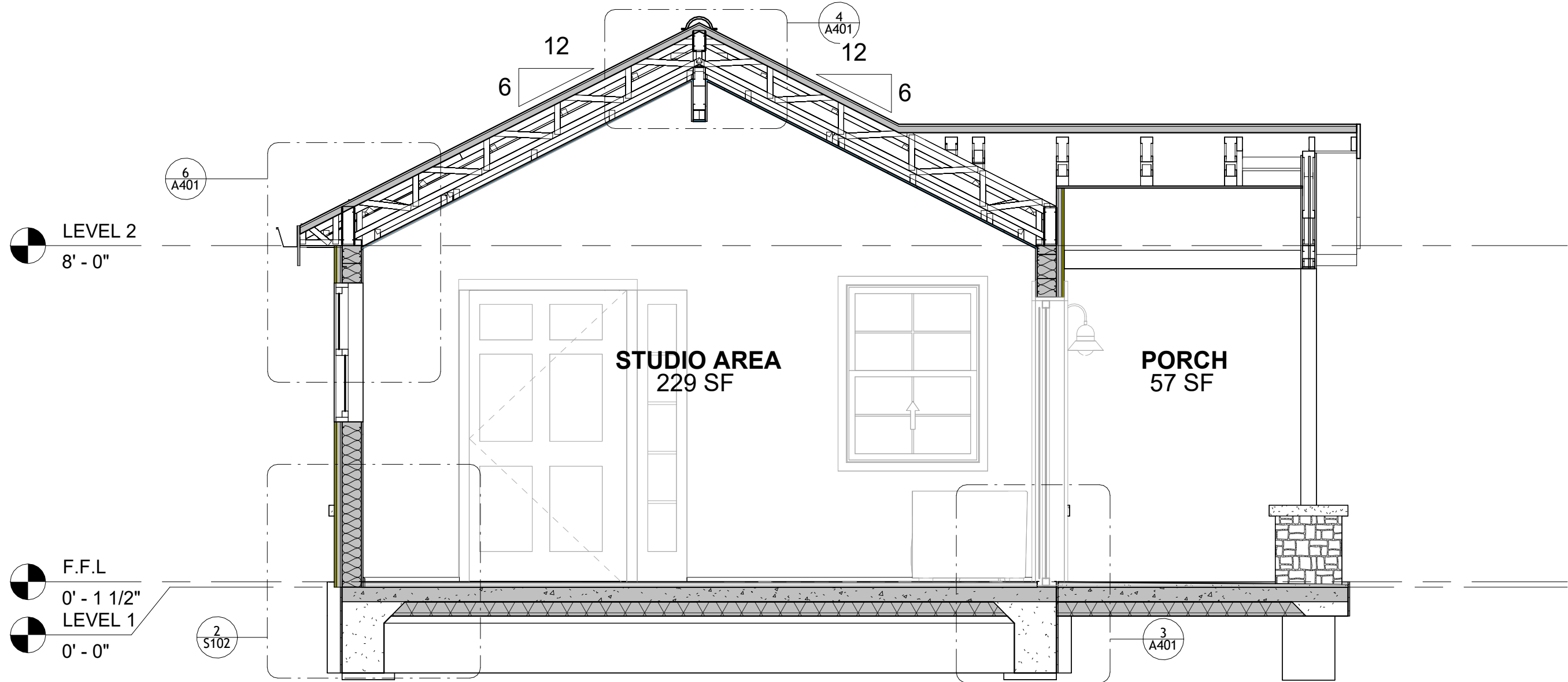
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PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:32 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A301

SCALE: As indicated



3 SECTION-3
3/8" = 1'-0"



2 SECTION-2
3/8" = 1'-0"



- CASEWORK GENERAL NOTES
1.

ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH.
2.

DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
3.

PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND OTHERWISE NOTED.
4.

MANUFACTURER AND CATALOG NUMBERS ARE FOR REFERENCE AND ILLUSTRATION PURPOSES ONLY.
5.

DOTTED LINES INDICATE WALL HUNG CABINETS, DIVISIONS OF BASE CABINETS BELOW THE COUNTERTOP, FURNITURE NOT IN THE CONTRACT OR PROJECTION SCREENS -SEE CASEWORK KEY AND SPECIFICATIONS.
7.

ALL CABINETS AND DRAWERS TO HAVE CAM LOCKS EXCEPT FOR SINK BASE CABINETS.
8.

ALL EXPOSED SURFACES (EXPOSED TO VIEW FROM ANY PERSPECTIVE) TO BE COVERED WITH LAMINATE.
9.

ALL CASEWORK WHICH MEETS A WALL AT ONE OR BOTH ENDS, TO BE PROVIDED WITH FILLER PANELS AND SCRIBED TO THE WALL(S) AS REQUIRED.
10.

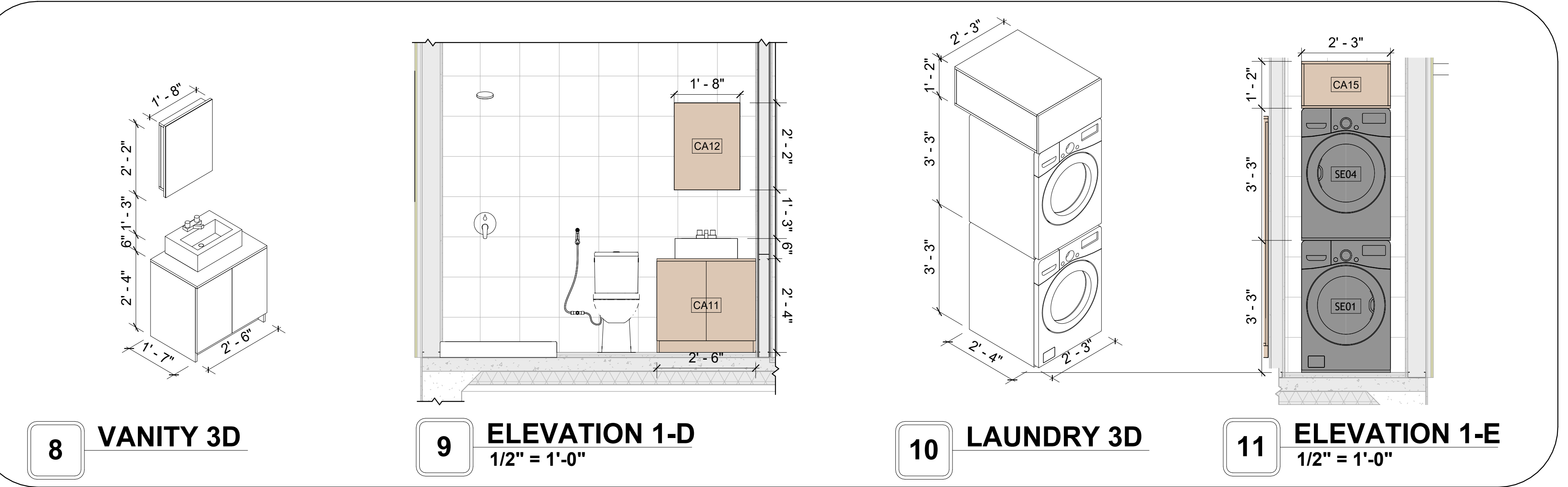
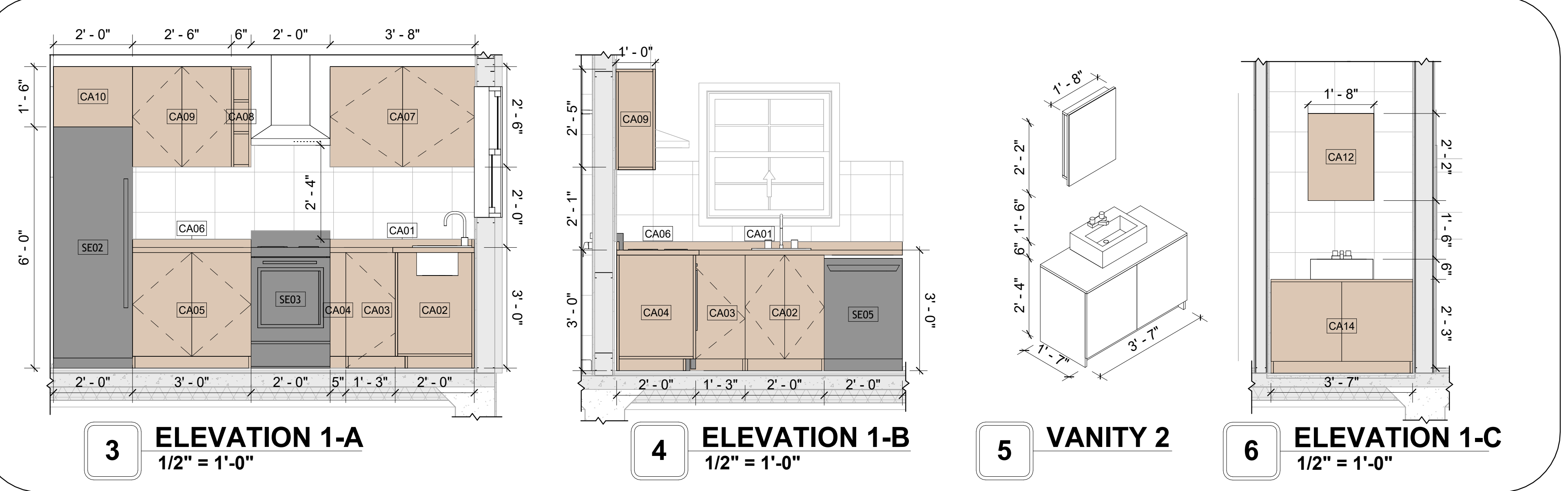
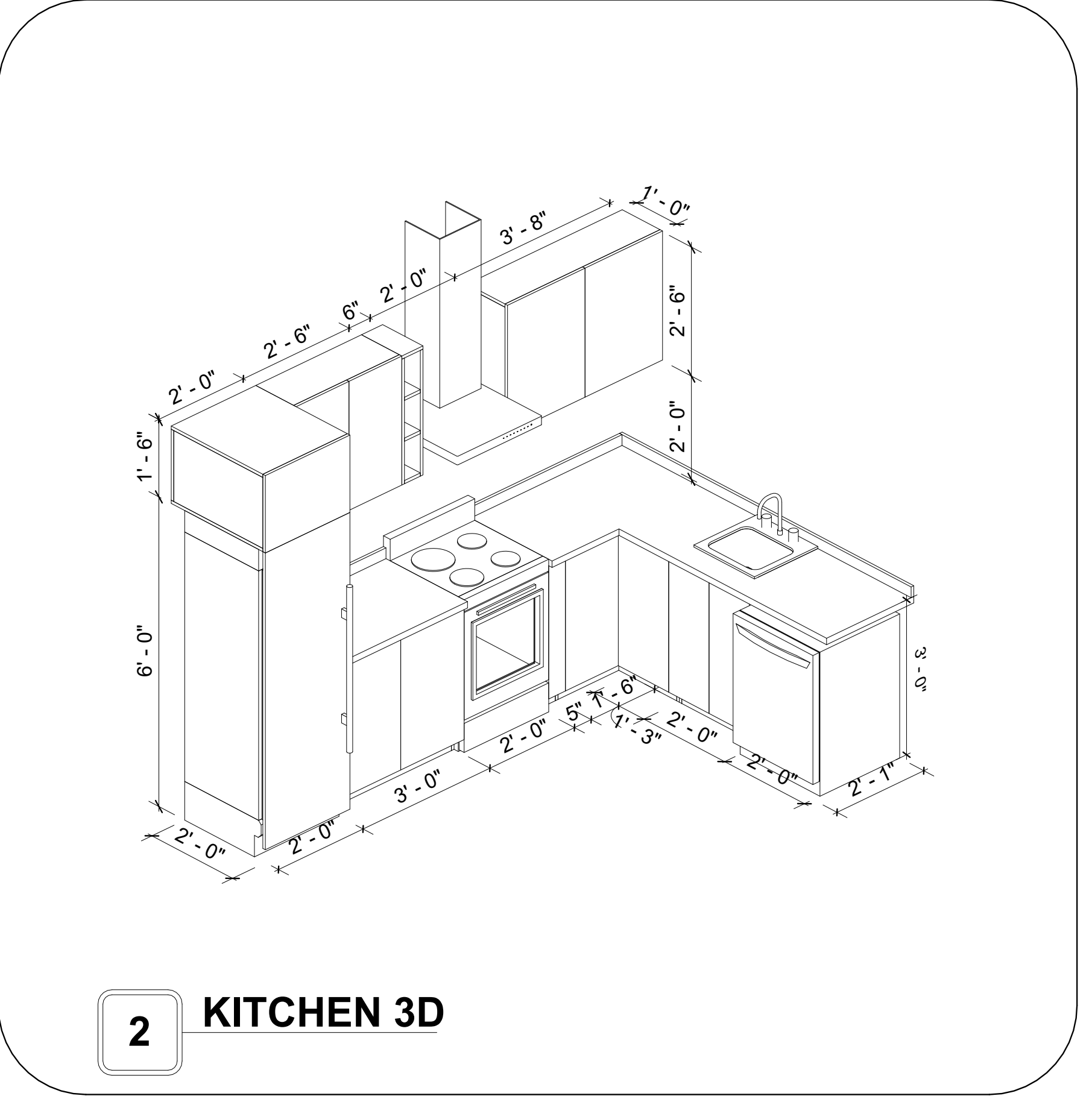
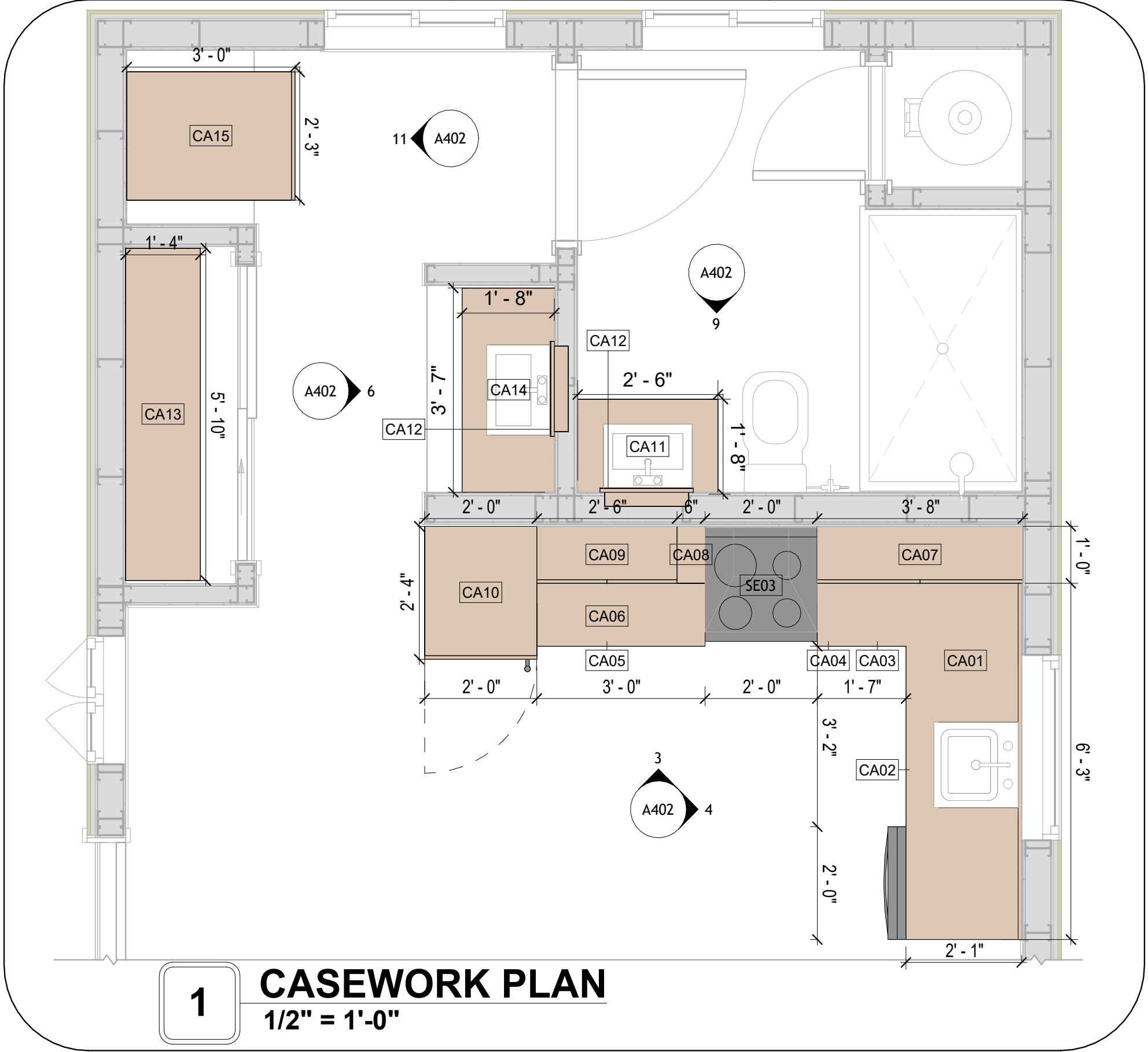
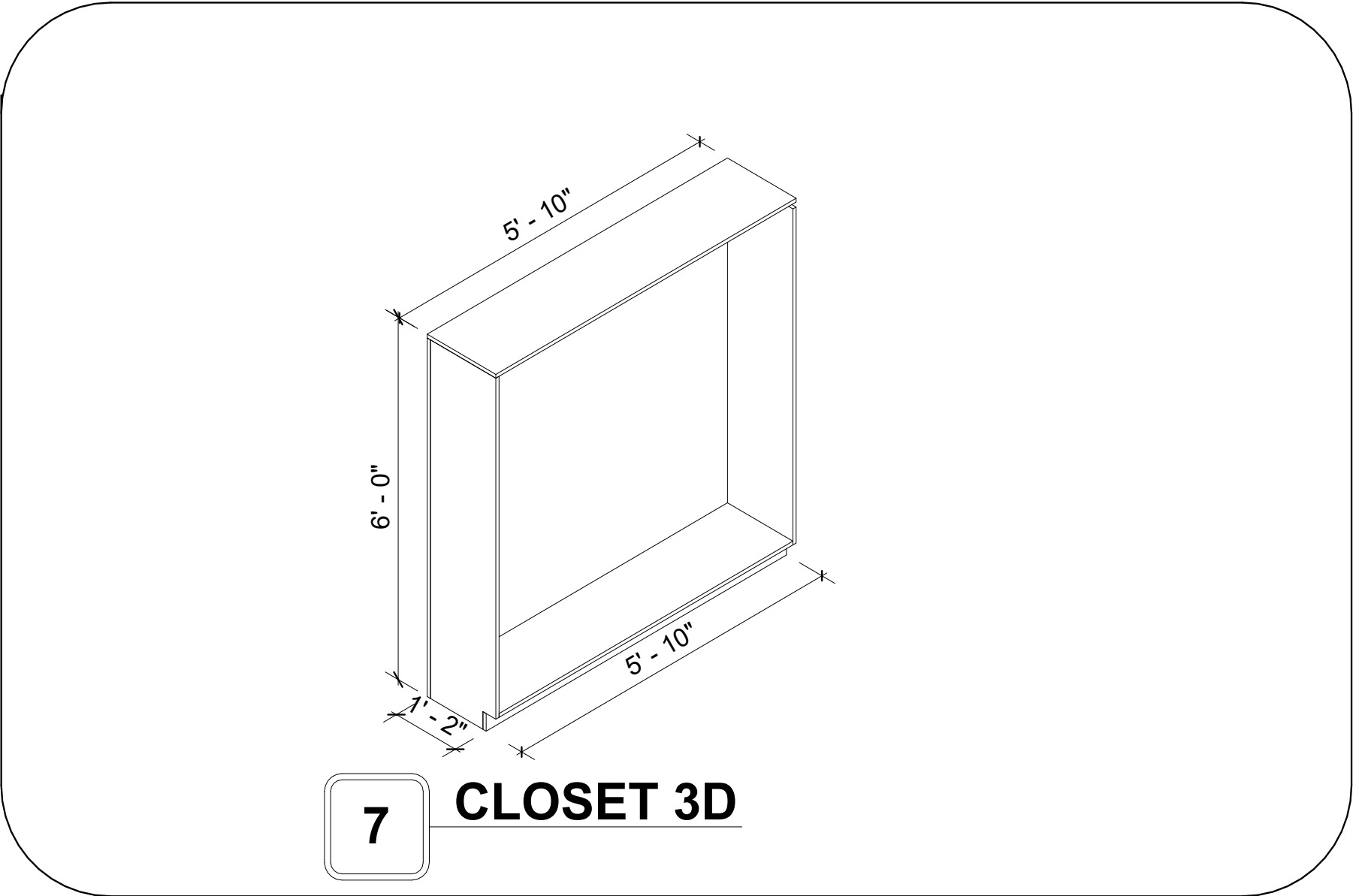
ALL CABINETS AND DRAWERS ARE PROVIDED WITH RECESSED HANDLES.
11.

CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK FABRICATION.
12.

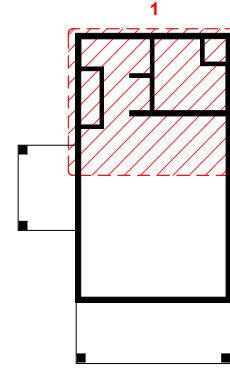
CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT.

CASEWORK SCHEDULE						
TYPE MARK	TYPE	COUNT	HEIGHT	WIDTH	DEPTH	AREA
01	L-SHAPE COUNTER TOP	1	0' - 4"	7' - 0"	7' - 0"	2 SF
02	BASE CABINET DOUBLE DOOR 1	1	2' - 10 1/2"	2' - 0"	2' - 0"	6 SF
03	BASE CABINET L-SHAPED	1	2' - 10 1/2"	3' - 3"	3' - 3"	9 SF
04	WALL FILLER	1	2' - 10 1/2"	0' - 4 3/4"	2' - 0"	1 SF
05	BASE CABINET DOUBLE DOOR 2	1	2' - 10 1/2"	3' - 0"	2' - 0"	9 SF
06	LINEAR COUNTER TOP	1	0' - 4"	3' - 0"	2' - 1"	1 SF
07	WALL CABINET DOUBLE DOOR 1	1	2' - 6"	3' - 8"	1' - 0"	9 SF
08	WALL FILLER	1	2' - 6"	0' - 6"	1' - 0"	1 SF
09	WALL CABINET DOUBLE DOOR 2	1	2' - 6"	2' - 6"	1' - 0"	6 SF
10	LAUNDRY OPEN CABINET	1	1' - 6"	2' - 0"	2' - 4"	3 SF
11	VANITY 2	1	2' - 4"	2' - 6"	1' - 8"	6 SF
12	RECESSED_MED_CABINET	2	2' - 0"	1' - 6"	0' - 3"	3 SF
13	CLOSET 1	1	6' - 0"	5' - 10"	1' - 4"	35 SF
14	VANITY 3	1	2' - 4"	3' - 7"	1' - 8"	8 SF
15	LAUNDRY OPEN CABINET 2	1	1' - 2"	2' - 3"	3' - 0"	3 SF
GRAND TOTAL		16				

SPECIALTY EQUIPMENT SCHEDULE		
TYPE MARK	TYPE	COUNT
01	WASHER-FRONT-LOAD	1
02	REFRIGERATOR	1
03	RANGE	1
04	DRYER-FRONT-LOAD	1
05	DISHWASHER	1
GRAND TOTAL: 5		



KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02 Wisdom 499
Studio Traditional
550

DRAWING NAME

ARCHITECTURAL
CASEWORK

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 5:14:38 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

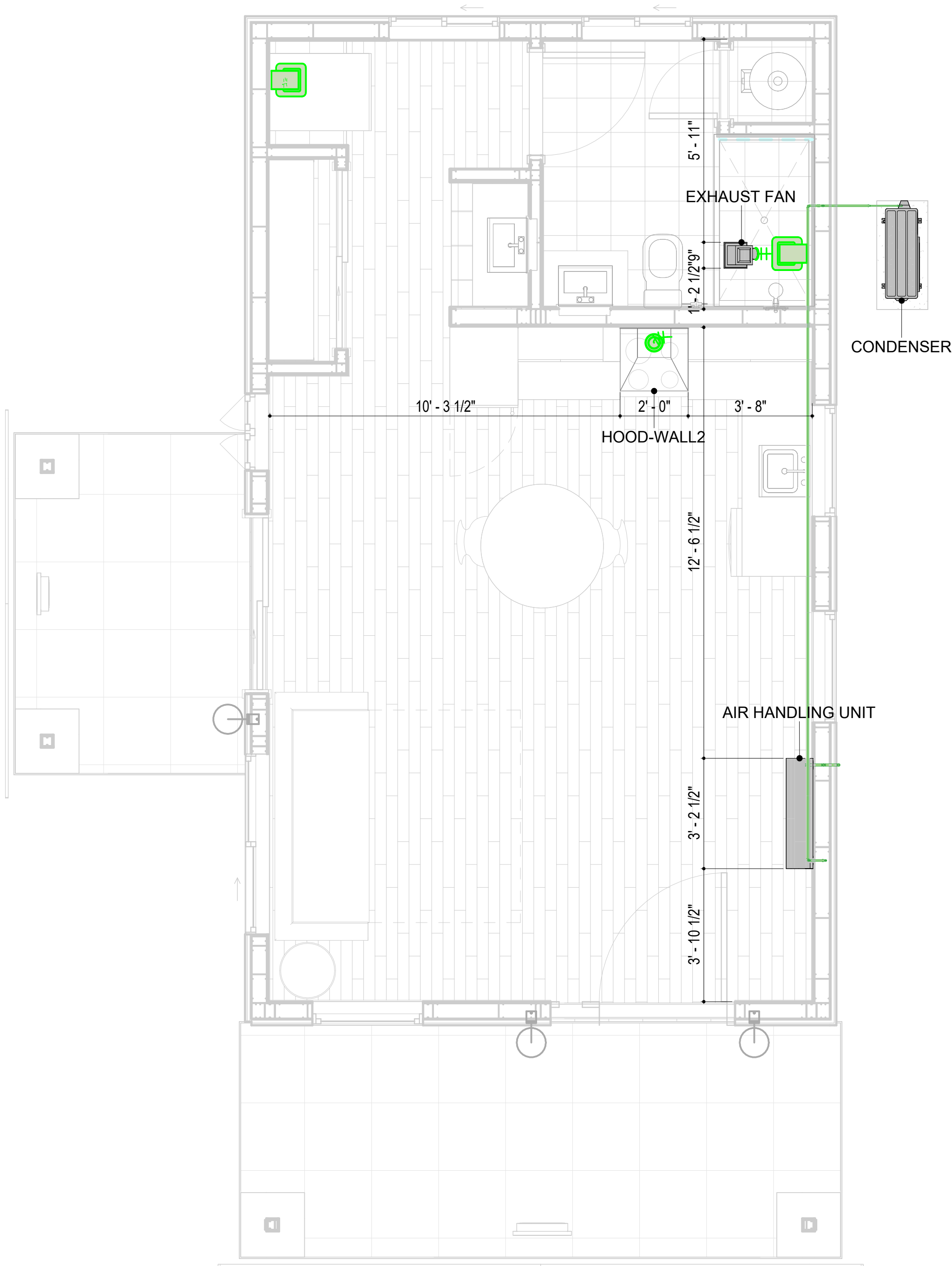
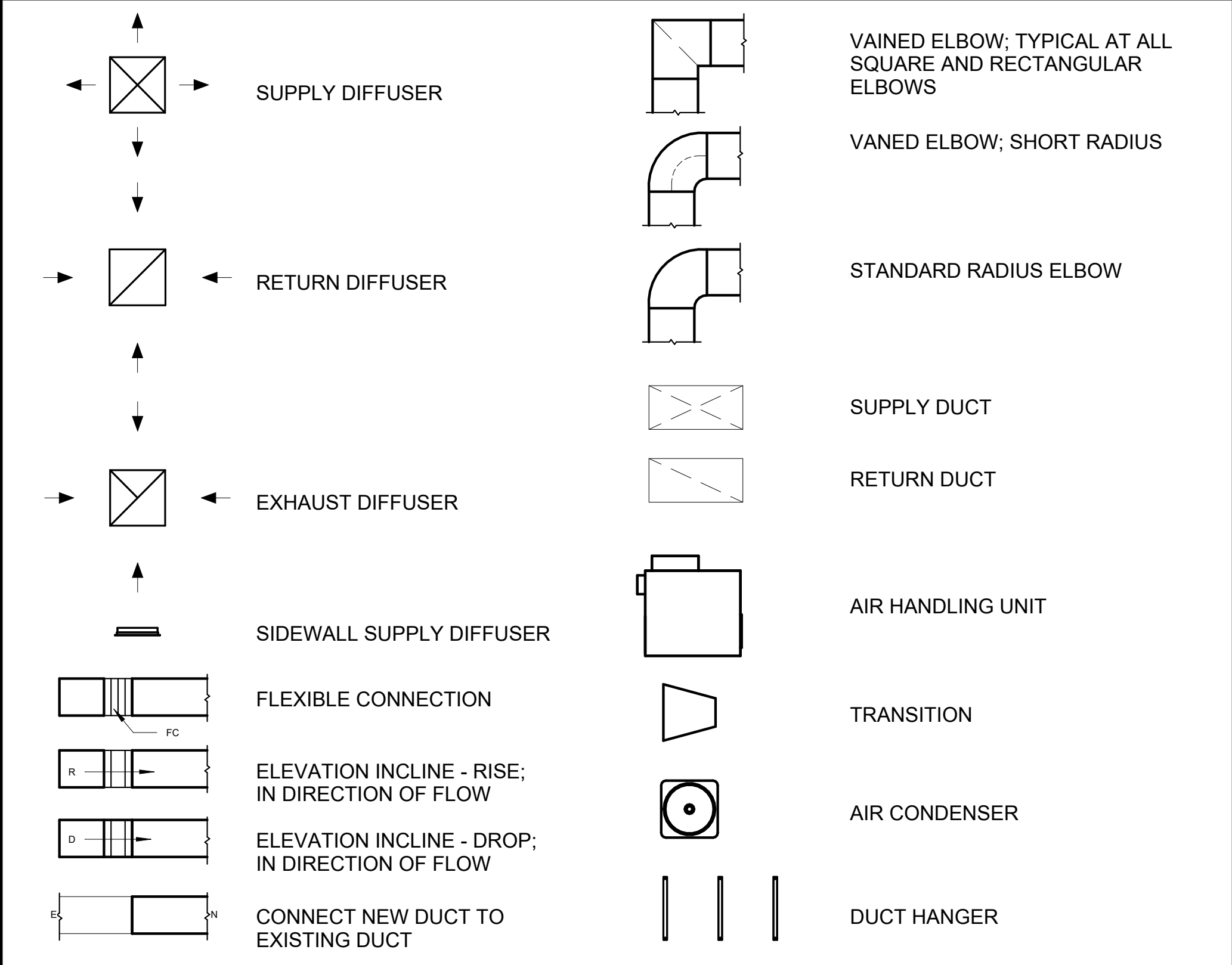
A402

SCALE: As indicated

GENERAL NOTES

1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE WISDOM_TM_1_550. IT PROVIDES A VISUAL REPRESENTATION OF THE SYSTEM LAYOUT AND COMPONENTS.
2. THE HVAC SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING HEATING, COOLING, AND VENTILATION NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
3. THE HVAC SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL MECHANICAL CODE (IMC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
4. THE EQUIPMENT SHOWN ON THIS DRAWING INCLUDES BUT IS NOT LIMITED TO AIR HANDLING UNITS (AHUS), CHILLERS, BOILERS, COOLING TOWERS, PUMPS, DUCTWORK, DIFFUSERS, GRILLES, AND CONTROL DEVICES.
5. ALL EQUIPMENT, DUCTWORK, AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, LOCAL CODES, AND INDUSTRY BEST PRACTICES.
6. ALL DUCTWORK SHALL BE SIZED, FABRICATED, AND INSTALLED IN ACCORDANCE WITH THE ACCA MANUAL D AND THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS. DUCTWORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, PROPERLY SUPPORTED AND BRACED TO PREVENT SAGGING, AIR LEAKAGE, OR VIBRATION.
7. CONDENSATE DRAINAGE PIPING SHALL BE PROPERLY PITCHED TO ENSURE POSITIVE DRAINAGE TO AN APPROVED DISPOSAL LOCATION, SUCH AS A FLOOR DRAIN, SUMP PUMP, OR EXTERIOR GRADE. CONDENSATE LINES SHALL BE INSULATED TO PREVENT SWEATING.
8. THE LOCATION OF CONTROL PANELS AND SENSORS INDICATED ON THIS DRAWING CAN BE MODIFIED WITH THE SPECIFIC LOCATIONS AND WIRING DETAILS WILL BE DETERMINED DURING THE CONTROL SYSTEM DESIGN AND INSTALLATION.
9. THE HVAC SYSTEM DESIGN CONSIDER ENERGY EFFICIENCY, INDOOR AIR QUALITY, OCCUPANT COMFORT, AND NOISE CONTROL, FOLLOWING APPLICABLE GUIDELINES AND REGULATIONS.
10. COORDINATION WITH OTHER TRENDS HAS BEEN DONE ON A DESIGN LEVEL. THIS DRAWING SHALL BE READ TOGETHER WITH THE AR, EL AND SN DESIGN DRAWINGS TO ENSURE PROPER INSTALLATION AND INTEGRATION OF THE HVAC SYSTEMS.
11. THE HVAC CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND LICENSES, AND FOR SCHEDULING AND COORDINATING WITH THE LOCAL BUILDING DEPARTMENT AND UTILITY PROVIDERS TO ENSURE A TIMELY AND COMPLIANT INSTALLATION.
12. ALL DUCTWORK PENETRATIONS THROUGH WALLS, FLOORS, OR CEILINGS SHALL BE PROPERLY SEALED AND FIRE-STOPPED USING APPROVED METHODS AND MATERIALS TO MAINTAIN THE INTEGRITY OF THE BUILDING'S FIRE-RESISTANCE RATINGS.
13. HVAC EQUIPMENT SHALL BE INSTALLED LEVEL AND PLUMB, AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. PROVIDE ADEQUATE CLEARANCES AROUND EQUIPMENT FOR PROPER AIRFLOW, SERVICE ACCESS, AND CODE COMPLIANCE.
14. ALL HVAC EQUIPMENT AND COMPONENTS, INCLUDING THERMOSTATS, DAMPERS, AND ACCESS PANELS, SHALL BE LOCATED IN ACCESSIBLE AREAS FOR EASY SERVICING AND MAINTENANCE. PROVIDE ADEQUATE SPACE AROUND EQUIPMENT FOR PROPER AIRFLOW AND SERVICE ACCESS.
15. THE HVAC SYSTEM SHALL BE BALANCED AND ADJUSTED TO ENSURE PROPER AIRFLOW, TEMPERATURE DISTRIBUTION, AND SYSTEM PERFORMANCE THROUGHOUT THE RESIDENCE. PROVIDE A WRITTEN REPORT DOCUMENTING THE FINAL SYSTEM BALANCE.
16. ANY DEVIATIONS OR MODIFICATIONS TO THE HVAC SYSTEM DESIGN SHALL BE REVIEWED AND APPROVED BY THE RESPONSIBLE DESIGN PROFESSIONALS AND COMMUNICATED TO ALL RELEVANT PARTIES INVOLVED IN THE CONSTRUCTION PROCESS.
17. FOR ANY INQUIRIES OR CLARIFICATIONS REGARDING THE HVAC SYSTEM DESIGN, PLEASE CONSULT THE RESPONSIBLE DESIGN PROFESSIONALS OR THE PROJECT MANAGEMENT TEAM.

SYMBOLS



1 HVAC PLAN

REFRIGERANT LINE SCHEDULE

CATEGORY	DESCRIPTION	DIAMETER	LENGTH
PIPE TYPES	COPPER	1/4"	0.93
PIPE TYPES	COPPER	3/8"	31.40
PIPE TYPES	COPPER	1/2"	0.97
PIPE TYPES	COPPER	3/4"	37.19

REFRIGERANT LINE FITTING SCHEDULE

CATEGORY	DESCRIPTION	Size	Count
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	1/2"ø-1/2"ø	1
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	1/4"ø-1/4"ø	1
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/4"ø-3/4"ø	10
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/8"ø-3/8"ø	7
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-1/2"ø	2
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-5/8"ø	1
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/8"ø-1/4"ø	1

MECHANICAL EQUIPMENT SCHEDULE

CATAGORY	DESCRIPTION	COUNT
AIR HANDLING UNIT	AIR HANDLING UNIT: WALL MOUNTED	1
CONDENSER	CONDENSER: OUT DOOR	1
EXHAUST FAN	EXHAUST FAN: 75 CFM	1
	HOOD-WALL2: VENT 2	1

DUCT FITTING SCHEDULE

CATAGORY	DESCRIPTION	COUNT
ROUND TRANSITION - ANGLE	45 DEGREE	5

DUCT ACCESSORY SCHEDULE

CATAGORY	DESCRIPTION	COUNT
ROOF VENT	3" DIAMETER	3

FLEX DUCT SCHEDULE

DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT
FLEX DUCT ROUND	FLEX-ROUND	9.53	4"	3
GRAND TOTAL: 3		9.53		

HVAC COLOR SCHEME

AIR CONDITIONING PIPE LINE



Tucson, AZ, USA
888-864-0184
inquire@frameupnow.com
www.frameupnow.com

KEY PLAN

[illegible]

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Traditional-550

DRAWING NAME

HVAC PLAN

CLIENT NAME:	Owner
PROJECT NUMBER:	15_0001
DATE:	1/31/2025 5:59:04 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

M101

SCALE: **As indicated**

ELECTRICAL NOTES

1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 02-WISDOM-499-STUDIO-TRADITIONAL-550. IT PROVIDES A VISUAL REPRESENTATION OF THE ELECTRICAL LAYOUT AND COMPONENTS, INCLUDING POWER DISTRIBUTION, LIGHTING, AND CONTROL SYSTEMS.
2. THE ELECTRICAL SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING POWER DISTRIBUTION, LIGHTING, AND SPECIALIZED ELECTRICAL EQUIPMENT NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
3. THE ELECTRICAL SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL BUILDING CODE (IBC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
4. LOCATIONS AS NEEDED, DEVICES ARE SHOWN ON PLANS IN APPROXIMATE IDEAL LOCATIONS, UNLESS SPECIFICALLY DIMMENSIONED.
5. OPEN WALLS AS NEEDED TO ALLOW FOR NEW ELECTRICAL INSTALLATIONS.
6. LABEL ALL CIRCUITS ON JUNCTION BOXES, RECEPTACLES,DATA, SMOKE DETECTOR, AND EQUIPMENT IN PANEL BOX.
7. INSTALL RACEWAY AS NEEDED FOR DDC, ACCESS CONTROL, LOW VOLTAGE WIRING & DATA.
8. RELABEL POWER, DATA & FIRE ALARM FOR ROOM #CHANGES.
9. VERIFY ALL CIRCUITS LABELED ON PRINT ARE CORRECT BEFORE WORKING ON THEM.
10. NOTE ON SITE PLAN – ALL CHANGES OR MISSING DETAIL TO BE INCORPORATED INTO THE MASTER PLAN.
11. DRAWINGS ARE DIAGRAMMATIC ONLY FOR THE PURPOSE OF SHOWING FIXTURE AND OUTLET LOCATIONS.
12. ELECTRICAL CONTRACTOR TO VERIFY SERVICE SIZE BY CALCULATION BASED UPON ACTUAL NAME PLATE RATINGS OF SELECTED EQUIPMENT.
13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN BUILDING FOUNDATION AT SERVICE ENTRANCE LOCATION.
14. PROVIDE A MIN. OF 20 FEET OF ONE *4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
15. PROVIDE WATERPROOF FIXTURES IN ALL HIGH MOISTURE AREAS (EXTERIOR, SHOWER AND TUB CEILINGS ETC.)
16. PROVIDE DEDICATED CIRCUITS TO EACH BATH, DEN, FAMILY ROOM, BEDROOM, LOFT, KITCHEN REFRIGERATOR, KITCHEN FREEZER DISHWASHER, AND ANY AREA/ITEM SPECIFIED BY OWNER.
17. INCANDESCENT FIXTURES WITH OPEN OR PARTIALLY ENCLOSED LAMPS, PENDANT FIXTURES, AND LAMP HOLDERS ARE NOT PERMITTED IN CLOSETS.
18. ALL WORKMANSHIP AND MATERIALS TO CONFORM WITH THE 2015 IRC.
19. PROVIDE A MIN. OF 20 FEET OF ONE *4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
20. PROVIDE A BONDING CONDUCTOR CONSISTING OF A MINIMUM OF ONE *4 BARE COPPER WIRE CONNECTING THE BUILDING'S METAL WATER PIPING SYSTEM TO THE SERVICE EQUIPMENT ENCLOSURE GROUNDING.

MAIN PANEL CALCS

ELECTRICAL CALCS		
LIGHT AND OUTLETS	499 @ 3W	1,497 W
3 APPLIANCE CIRCUITS		4,500 W
DRYER		2,000 W
WASHER		2,000 W
RANGE		5,000 W
WATER HEATER		5,000 W
REFRIG.		1,800 W
DISHWASHER & DISPOSAL		3000 W
TOTAL		24,797 W
FRIST 10,000 @ 100%		10,000 W
REMAINDER @ 40%		5,919W
MINI. SPLIT UNITS		10,000 W
TOTAL		25.919 W
25,919 W DIVIDED BY 240V = 109 AMPS TOTAL		
(USE 200 AMP SERVICE)		

Branch Panel:

Location: STUDIO 16						Volts: 120/240 Single				A.I.C. Rating:					
Supply From:						Phases: 1				Mains Type:					
Mounting: Recessed						Wires: 3				Mains Rating: 200 A					
Enclosure: Type 1										MCB Rating: 1 A					
Notes:															
Circuit Number	Circuit Description	Number of Elements	Rating	Length	Wire Size	A		B		Wire Size	Length	Rating	Number of Elements	Circuit Description	Circuit Number
1	HALL&KITCHEN LIGHT	7	20 A	39' - 2 13/16"	1-#12, 1-#12, 1-#12	420 VA	260 VA			1-#14, 1-#14, 1-#14	35' - 11 17/32"	15 A	8	KITCHEN LIGHT	2
3	OUTDOOR LIGHT	6	15 A	35' - 9 7/16"	1-#14, 1-#14, 1-#14			152 VA	89 VA	1-#14, 1-#14, 1-#14	24' - 2 29/32"	15 A	7	LIV. LIGHT	4
5	BATH GFCI	8	20 A	36' - 8 31/32"	1-#12, 1-#12, 1-#12	520 VA	540 VA			1-#12, 1-#12, 1-#12	30' - 11 3/16"	20 A	3	KITCHEN GFCI	6
7	HOOD&DISH WASHER GFCI	2	30 A	24' - 2 9/16"	1-#10, 1-#10, 1-#10			1380 VA	2000 VA	1-#10, 1-#10, 1-#10	49' - 11"	20 A	1	WASHING MASHEIN	8
9	OUTDOOR GFCI	1	20 A	50' - 4"	1-#12, 1-#12, 1-#12	180 VA	900 VA			1-#14, 1-#14, 1-#14	41' - 0 1/8"	15 A	5	RECEPTACLE	10
11	DRYER	1	30 A	47' - 8 7/8"	2-#10, 1-#10, 1-#10			750 VA	2250 VA	2-#10, 1-#10, 1-#10	34' - 4"	30 A	1	WATER HEATER	12
13	--	--	--	--	--	750 VA	2250 VA			--	--	--	--	--	14
15	RANGE	1	40 A	28' - 10 7/16"	2-#8, 1-#8, 1-#10			2500 VA	2500 VA	2-#6, 1-#6, 1-#10	29' - 8 7/32"	60 A	1	CONDENSER	16
17	--	--	--	--	--	2500 VA	2500 VA			--	--	--	--	--	18
19															20
21															22
23															24
25															26
						10820 VA		11612 VA							
						90 A		97 A							
Legend:															
Load Classification					Connected Load		Demand Factor		Estimated Demand		Panel Totals				
LIGHTING - DWELLING UNIT					152 VA		100.00%		152 VA						
OTHER					460 VA		100.00%		460 VA		Total Conn. Load: 22432 VA				
RECEPTACLE					5540 VA		100.00%		5540 VA		Total Est. Demand: 21432 VA				
LIGHTING					288 VA		100.00%		288 VA		Total Conn.: 93 A				
CONDENSER					5000 VA		100.00%		5000 VA		Total Est. Demand: 89 A				
WATER HEATER					4500 VA		100.00%		4500 VA						
RANGE					5000 VA		80.00%		4000 VA						
DRYER					1500 VA		100.00%		1500 VA						
Notes:															

ELECTRICAL ABBREVIATIONS LIST

1P	1 POLE (2P, 3P, 4P, ETC.)	CTR	CENTER	HT	HEIGHT
A	AMPERE	CU	COPPER	HTG	HEATING
AC	ABOVE COUNTER OR AIR CONDITIONER	DCP	DOMESTIC WATER CIRCULATING PUMP	HTR	HEATER
ACLG	ABOVE CEILING	DEPT	DEPARTMENT	HV	HIGH VOLTAGE
ADO	AUTOMATIC DOOR OPENER	DET	DETAIL	HVAC	HEATING, VENTILATING AND AIR
AF	AMP FRAME	DIA	DIAMETER	CONDITIONING	CONDITIONING
AFF	ABOVE FINISHED FLOOR	DISC	DISCONNECT	HWP	HYDRONIC WATER PUMP
AFG	ABOVE FINISHED GRADE	DIST	DISTRIBUTION	IC	INTERRUPTING CAPACITY
AFI	ARC FAULT CIRCUIT INTERRUPTER	DN	DOWN	IG	ISOLATED GROUND
AHU	AIR HANDLING UNIT	DPR	DAMPER	IMC	INTERMEDIATE METAL CONDUIT
AL	ALUMINUM	DS	SAFETY DISCONNECT SWITCH	INCAND	INCANDESCENT
ALT	ALTERNATE	DT	DOUBLE THROW	IR	INFRARED
AMP	AMPERE	DWG	DRAWING	I/W	INTERLOCK WITH
AMPL	AMPLIFIER	DDC	DIRECT DIGITAL CONTROL	J-BOX	JUNCTION BOX
ANNUN	ANNUNCIATOR APPROX APPROXIMATELY	EC	ELECTRICAL CONTRACTOR	KV	KILOVOLT
AQ-STAT	AQUASTAT	ELEC	ELECTRIC, ELECTRICAL	KVA	KILOVOLT-AMPERE
ARCH	ARCHITECT, ARCHITECTURAL	ELEV	ELEVATOR	KVAR	KILOVOLT-AMPERE REACTIVE
AS	AMP SWITCH	EM	EMERGENCY	KW	KILOWATT
AT	AMP TRIP	EMS	ENERGY MANAGEMENT SYSTEM	KWH	KILOWATT HOUR
ATS	AUTOMATIC TRANSFER SWITCH	EMT	ELECTRICAL METALLIC TUBING	LOC	LOCATE OR LOCATION
AUTO	AUTOMATIC	EP	ELECTRIC PNEUMATIC	LT	LIGHT
AUX	AUXILIARY	EQUIP	EQUIPMENT	LTG	LIGHTING
AV	AUDIO VISUAL	EWC	ELECTRIC WATER COOLER	LTNG	LIGHTNING
AWG	AMERICAN WIRE GAUGE	EXIST	EXISTING	LV	LOW VOLTAGE
BATT	BATTERY	EXH	EXHAUST	MAX	MAXIMUM
BD	BOARD	EXP	EXPLOSION PROOF	MAG.S	MAGNETIC STARTER
BLDG	BUILDING	FA	FIRE ALARM	M/C	MOMENTARY CONTACT
BMS	BUILDING MANAGEMENT SYSTEM	FABP	FIRE ALARM BOOSTER POWER	MC	MECHANICAL CONTRACTOR
C	CONDUIT	SUPPLY PANEL	SUPPLY PANEL	MCB	MAIN CIRCUIT BREAKER
CAB	CABINET	FACP	FIRE ALARM CONTROL PANEL	MCC	MOTOR CONTROL CENTER
CAT	CATALOG	FCU	FAN COIL UNIT	MDC	MAIN DISTRIBUTION CENTER
CATV	CABLE TELEVISION	FIXT	FIXTURE	MDP	MAIN DISTRIBUTION PANEL
CB	CIRCUIT BREAKER	FLR	FLOOR	MFR	MANUFACTURERMAIN FUSED
CCTV	CLOSED CIRCUIT TELEVISION	FLUOR	FLUORESCENT		DISCONNECT SWITCH
CKT	CIRCUIT	FU	FUSE	MH	MANHOLE
CLG	CEILING	FUDS	FUSED SAFETY DISCONNECT SWITCH	MIC	MICROPHONE
COMB	COMBINATION	GA	GAUGE	MIN	MINIMUM
CMPR	COMPRESSOR	GAL	GALLON	MISC	MISCELLANEOUS
CONN	CONNECTION	GALV	GALVANIZED	MLO	MAIN LUGS ONLY
CONST	CONSTRUCTION	GC	GENERAL CONTRACTOR	MMS	MANUAL MOTOR STARTER
CONT	CONTINUATION OR CONTINUOUS	GEN	GENERATOR	MOA	MULTIOUTLET ASSEMBLY
CONTR	CONTRACTOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER	MSP	MOTOR STARTER PANELBOARD
CONV	CONVECTOR	GFP	GROUND FAULT PROTECTOR	MSBD	MAIN SWITCHBOARD
CP	CIRCULATING PUMP	GND	GROUND	MT	MOUNT
CRT	CATHODE-RAY TUBE	GRS	GALVANIZED RIGID STEEL (CONDUIT)	MT.C	EMPTY CONDUIT
CT	CURRENT TRANSFORMER	GYP BD	GYPSUM BOARD	UL	UNDERWRITERS LABORATORIES



Tuscon,AZ, USA
888-864-0184
inquire@frameupnow.com
www.frameupnow.com

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Traditional-550

DRAWING NAME

SCHEDULE

CLIENT NAME:	Owner
PROJECT NUMBER:	0054_11
DATE:	1/25/2025 12:03:40 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

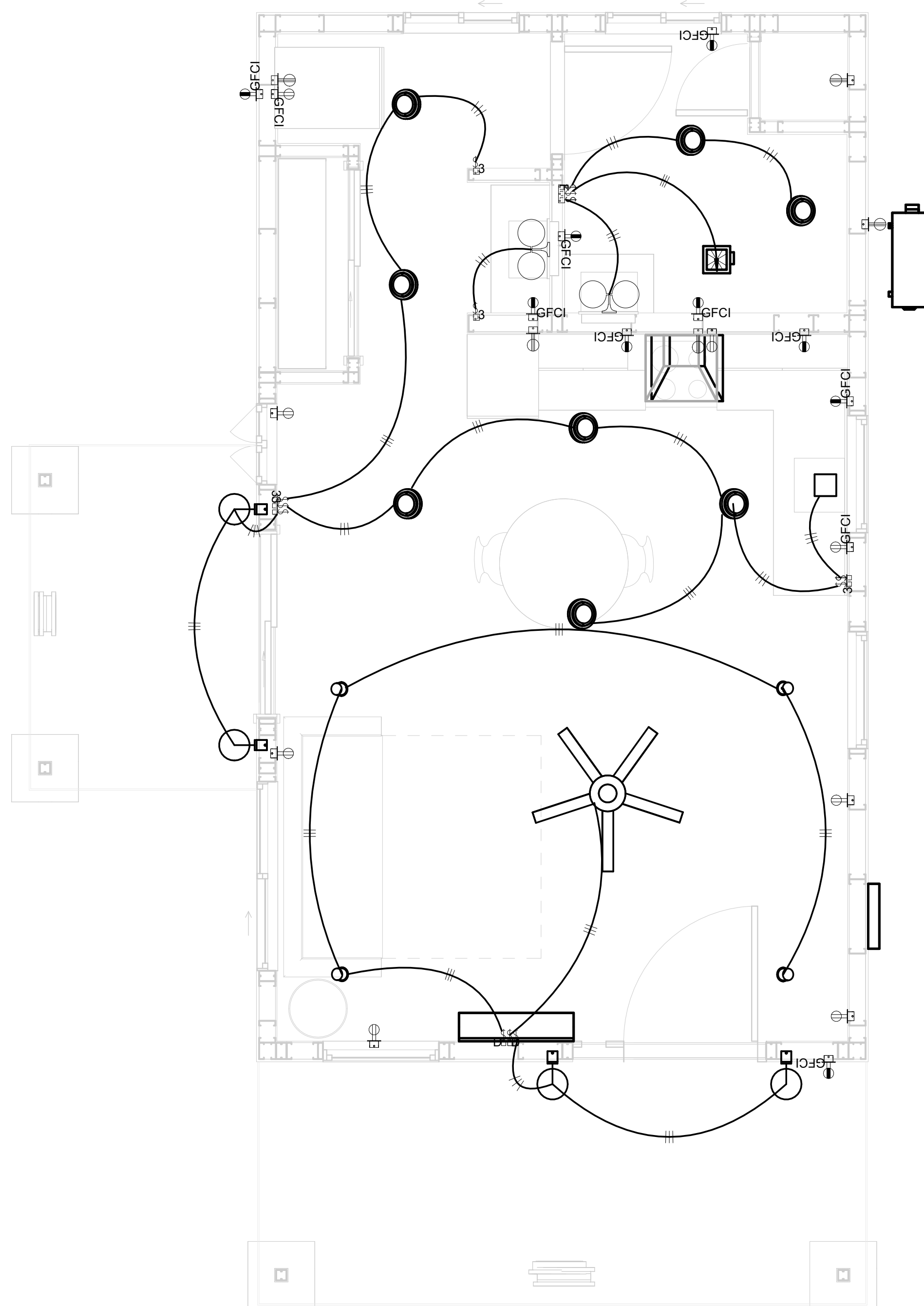
E101

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

- A. PROVIDE INTERCONNECTED SMOKE ALARMS IN EACH SLEEPING ROOMS, OUTSIDE EACH SLEEPING ROOM, ON EACH STORY, IN THE HALL OR ADJACENT ROOM LUHERE THE CEILING HEIGHT OF A ROOM OPEN TO THE HALL EXCEEDS THE HALL BY 24". SMOKE ALARMS SHALL BE PERMANENTLY HARD WIRED WITH BATTERY BACKUP.
- B. RECEPTACLE OUTLETS FOR RANGES AND CLOTHES DRYERS SHALL BE A THREE POLE WITH GROUND TYPE. FOUR WIRE GROUNDING-TYPE FLEXIBLE CORDS WILL BE REQUIRED FOR CONNECTION OF RANGES AND CLOTHES DRYERS. THE BONDING JUMPER SHALL NOT BE CONNECTED BETWEEN NEUTRAL TERMINAL AND THE FRAME OF THE APPLIANCE.
- C. TWO OR MORE 20 AMP SMALL APPLIANCE CIRCUITS SHALL BE PROVIDED TO SERVE THE KITCHEN, BREAKFAST NOOK, AND DINING ROOM. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS.
- D. AT LEAST ONE 20 AMP BRANCH CIRCUIT SHALL BE PROVIDED TO SERVICE THE LAUNDRY ROOM. THIS CIRCUIT SHALL HAVE NO OTHER OUTLETS.
- E. ALL RECEPTABLES WITH IN 6' OF A WET BAR SINK OR KITCHEN SINK TO SERVE COUNTER TOP SURFACES MUST BE GFCI. ON KITCHEN COUNTERS 12" OR WIDER NO POINT ALONG THE WALL SHALL BE MORE THAN 2' FROM A RECEPTACLE. ALL RECEPTABLES WITH IN 6' OF KITCHEN SINK MUST BE GFCI. AT LEAST ONE GFCI RECEPTACLE SHALL BE INSTALLED IN THE BATHROOM ADJACENT TO EACH BASIN.
- F. FIXTURES INCLUDING CEILING FANS THAT ARE LOCATED IN DAMP LOCATIONS SHALL BE LISTED TO BE SUITABLE FOR SUCH LOCATIONS PER 2012 IRC
- G. PROVIDE ONE (1) SWITCHED OUTLET @ ALL BEDROOMS AND DEN
- H. CEILING FANS NOT EXCEEDING 35 LBS. (WITH OR WITHOUT ACCESSORIES MAY BE SUPPORTED BY OUTLET BOXES PROVIDED THE OUTLET BOXES ARE IDENTIFIED FOR SUCH USE PER 2012 IRC
- I. ELECTRICAL OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24".
- J. OUTLET BOXES IN THE WALLS BETWEEN THE GARAGE AND DWELLING SHALL BE METAL OR U.L. APPROVED FIRE RESISTIVE PLASTIC. BOXES IN GARAGE CEILING SHALL BE METAL.
- K. ALL BRANCH CIRCUITS THAT SUPPLY 120 VOLTS SINGLE PHASE 15 AND 20 AMPS RECEPTACLE OUTLETS INSTALLED IN THE DWELLING SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER, EXCEPT GFCI RECEPTIBLES.

A. RECEPTACLES MUST BE PROVIDED IN HALLWAYS 10'-0" OR MORE IN LENGTH. FOR A ONE FAMILY DWELLINGS AND EACH OF A TWO FAMILY DWELLING THAT IS AT GRADE LEVEL, AT LEAST ONE WP-GFCI RECEPTACLE OUTLET ACCESSIBLE AT GRADE LEVEL AND NOT MORE THAN 6'-6" ABOVE GRADE SHALL BE INSTALLED AT THE FRONT AND BACK OF THE DWELLING.

E4001.5 GROUNDING OF ENCLOSURES.
METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS SHALL BE CONNECTED TO AN EQUIPMENT GROUNDING CONDUCTOR.
METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS USED AS SERVICE EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION E3609.4. WHERE NONMETALLIC ENCLOSURES ARE USED WITH METAL RACEWAYS OR METAL-ARMORED CABLES, PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING CONDUCTOR.
NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)



1 - Lighting

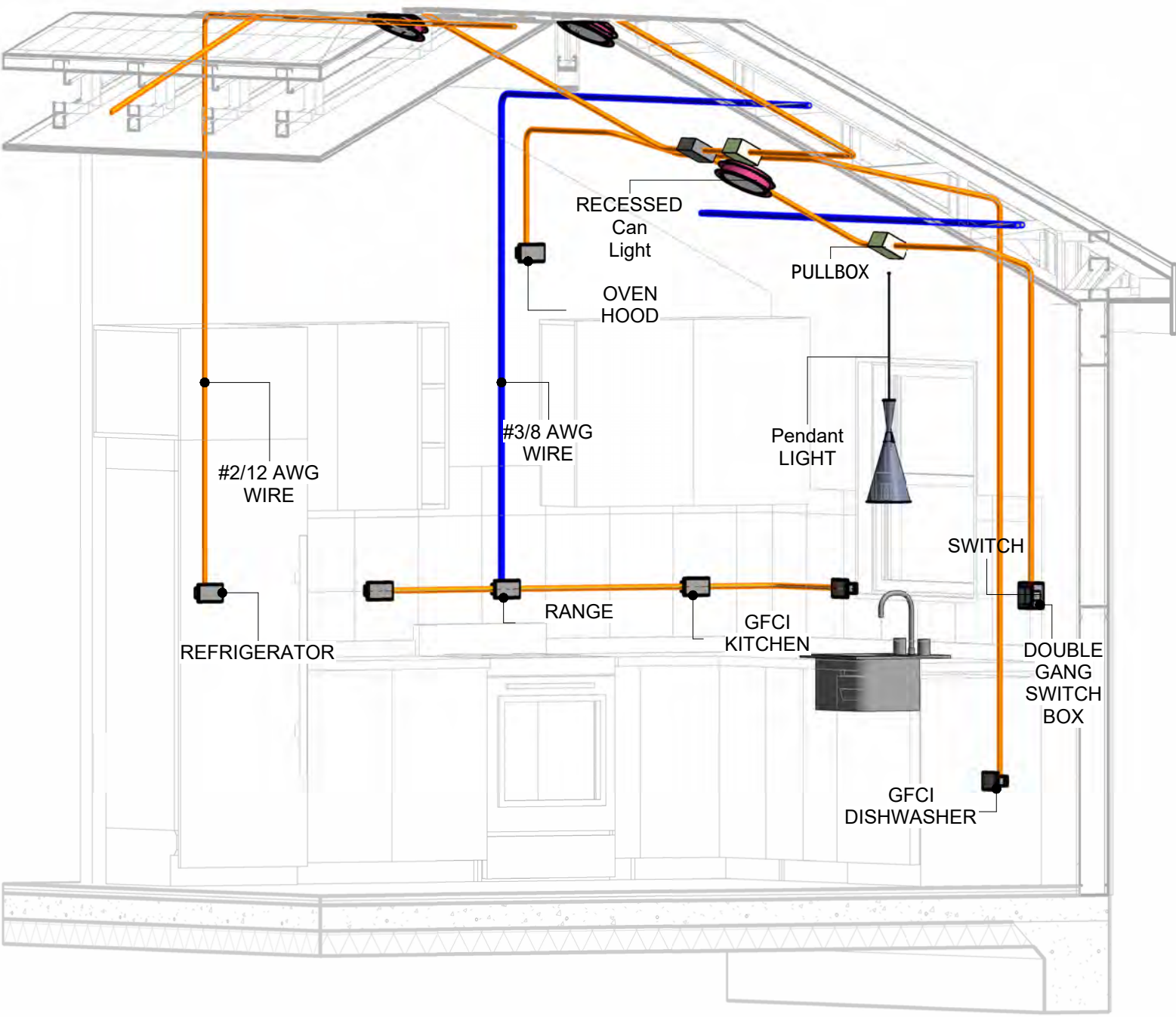
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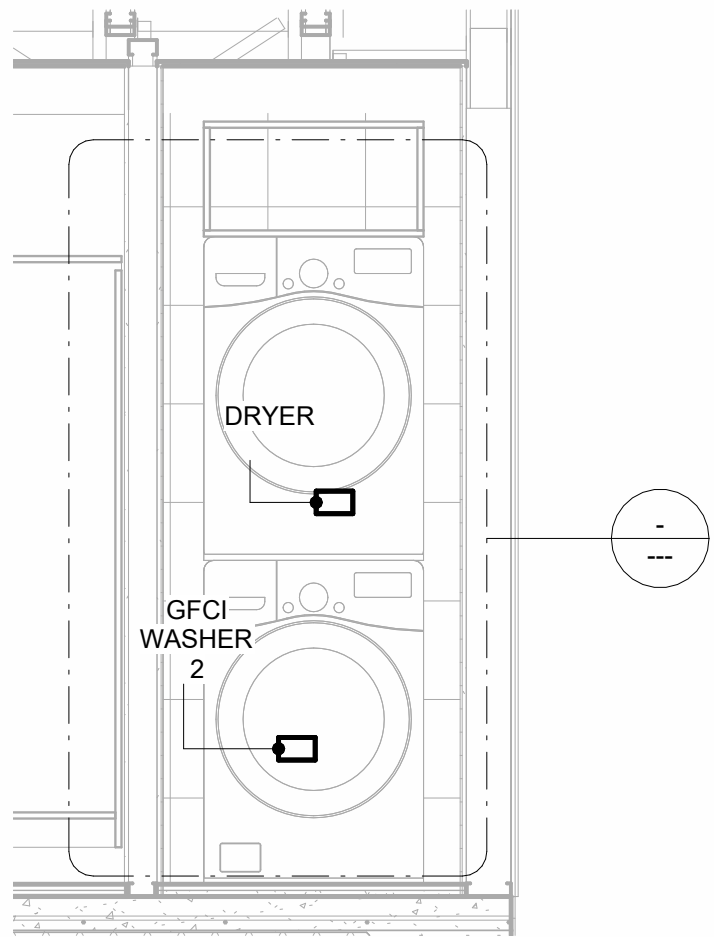
2 SERVICE PANEL DIAGRAM
12" = 1'-0"

NOTES: CONDUIT, CABLE AND WIRING

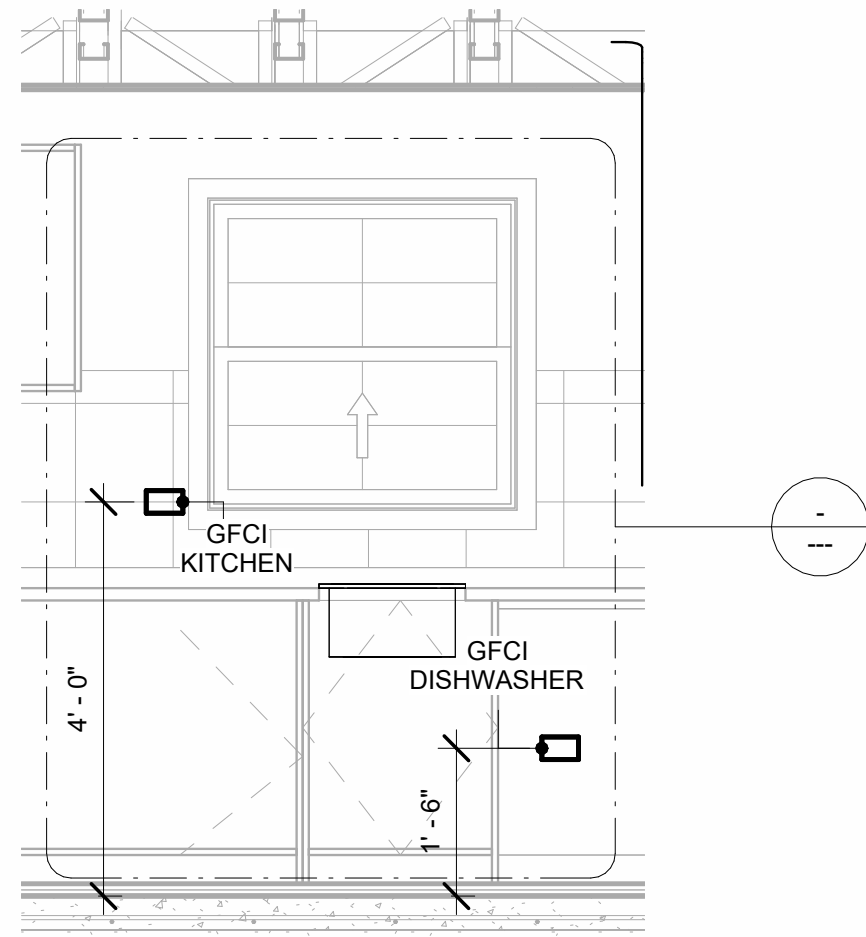
1. Use Metallic Conduits (IMC) for cables running under concrete slabs.
2. Use IMC for circuits with high voltage appliances (240 volts and above)
3. For circuits with 120 volts consider using EMT or PVC conduits if needed.
4. For Low voltage applications up to 50 volts consider using non metallic conduits.
5. All conduits to be used in the project must conform to the latest National Electrical Code (NEC), 2015.
6. All wiring and cables to be used in the project must also conform to the latest National Electrical Code (NEC), 2015.
7. All cables and wires used should be rated for their respective loading and should be gauged and conform to the NEC.



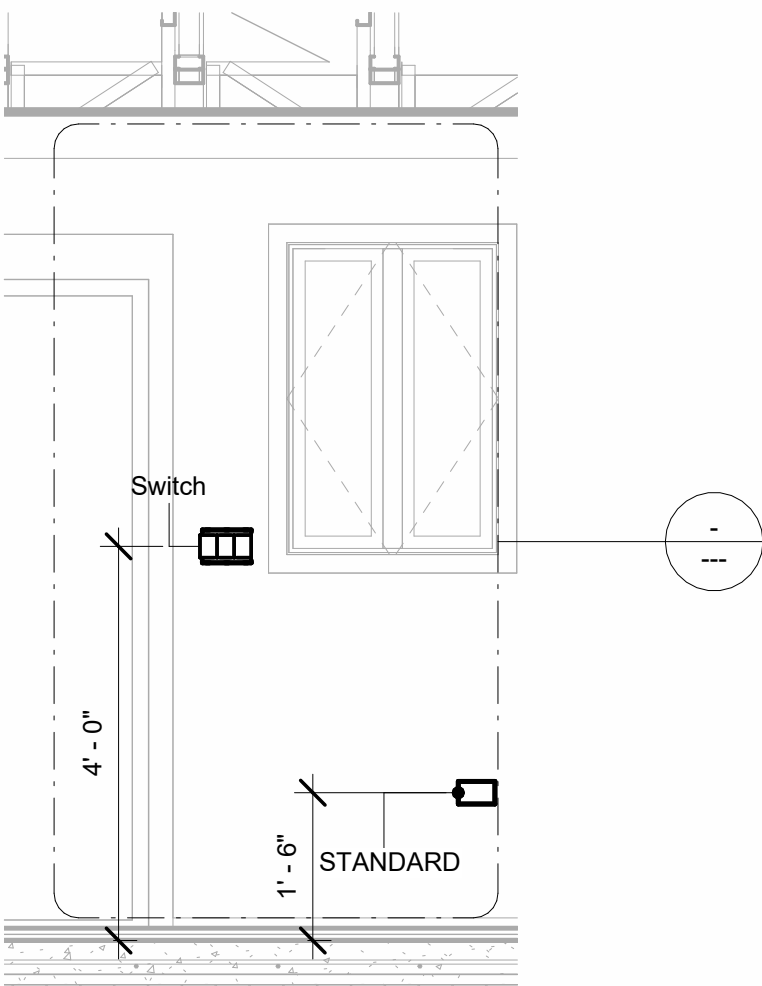
1 3D-KITCHEN



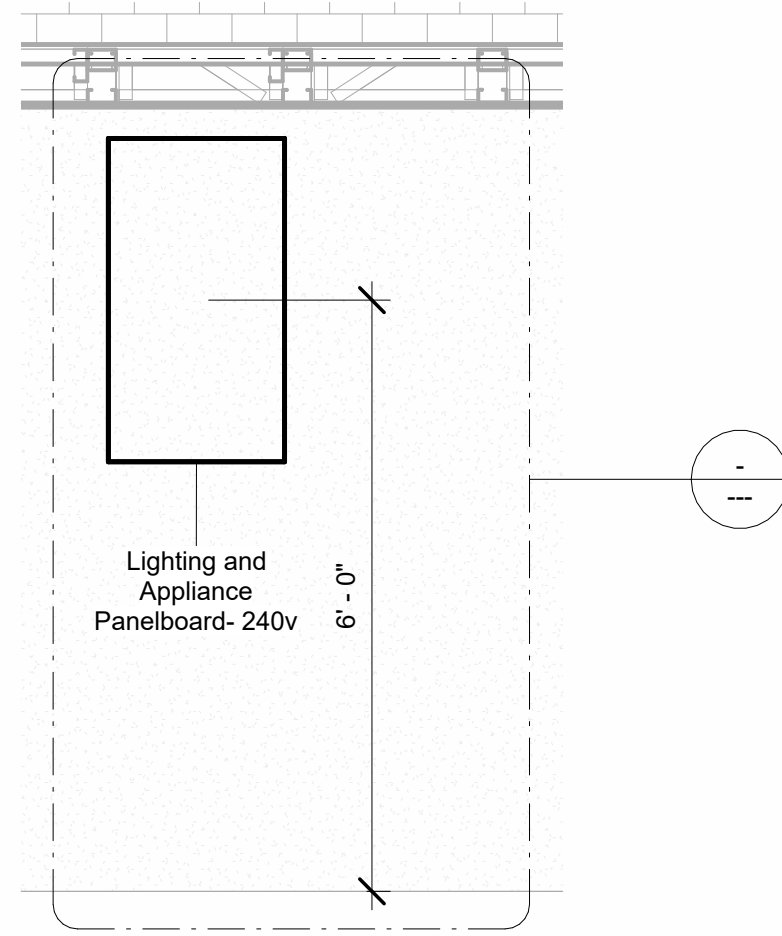
2 Section 1
1/2" = 1'-0"



3 Section 2
1/2" = 1'-0"

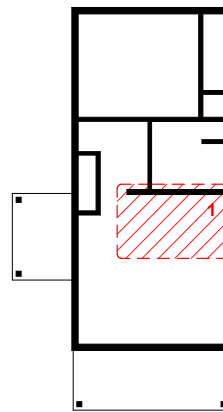


4 Section 3
1/2" = 1'-0"



6 Section 4
1/2" = 1'-0"

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Traditional-550

DRAWING NAME

POWER

CLIENT NAME:	Owner
PROJECT NUMBER:	0054_11
DATE:	1/25/2025 12:04:08 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E103

SCALE: As indicated

NOTES: LIGHT

1. LIGHT FIXTURES AND LUMINARIES SHALL CONFORM TO THE NEC, THE IRC AND LOCAL SAFETY & BUILDING CODE.
2. ALL LIGHTING FIXTURES SHOULD CONFORM TO THE DESIGN ELECTRICAL LOAD AND SHALL BE PROPERLY WIRED AND MOUNTED BY QUALIFIED ELECTRICIAN FOLLOWING MANUFACTURERS SPECIFICATIONS.
3. CEILING FANS AND FANS WITH LIGHT WITH WEIGHT EXCEEDING 35 LBS SHOULD BE PROVIDED WITH STRUCTURAL BACKING FOR SUPPORT AND SHALL BE FIXED AS PER MANUFACTURERS SPECIFICATIONS.
4. EXTERIOR LIGHTS SHALL CONFORM TO LOCAL BUILDING CODE AND GUIDELINES.

NOTES: SWITCH JUNCTION BOX

1. THE MINIMUM SIZE OF JUCTION BOX TO BE USED IS 2"x4"x(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE JUCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"x4"x(1.5" OR 3.5" DEEP)
3. FOR THREE GANG (3 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE JUCTION BOX SHALL NOT BE LESS THAN 6"x4"x(1.5" OR 3.5" DEEP).

FITTING SCHEDULE(JUNCTION BOX AND PULLBOX)

FAMILY	COUNT	DESCRIPTION
CONDUIT JUNCTION BOX - TEE - ALUMINUM	1	
PULLBOX1	14	#1/4 PULLBOX

ELECTRICAL FIXTURE SCHEDULE (SWITCH BOX)

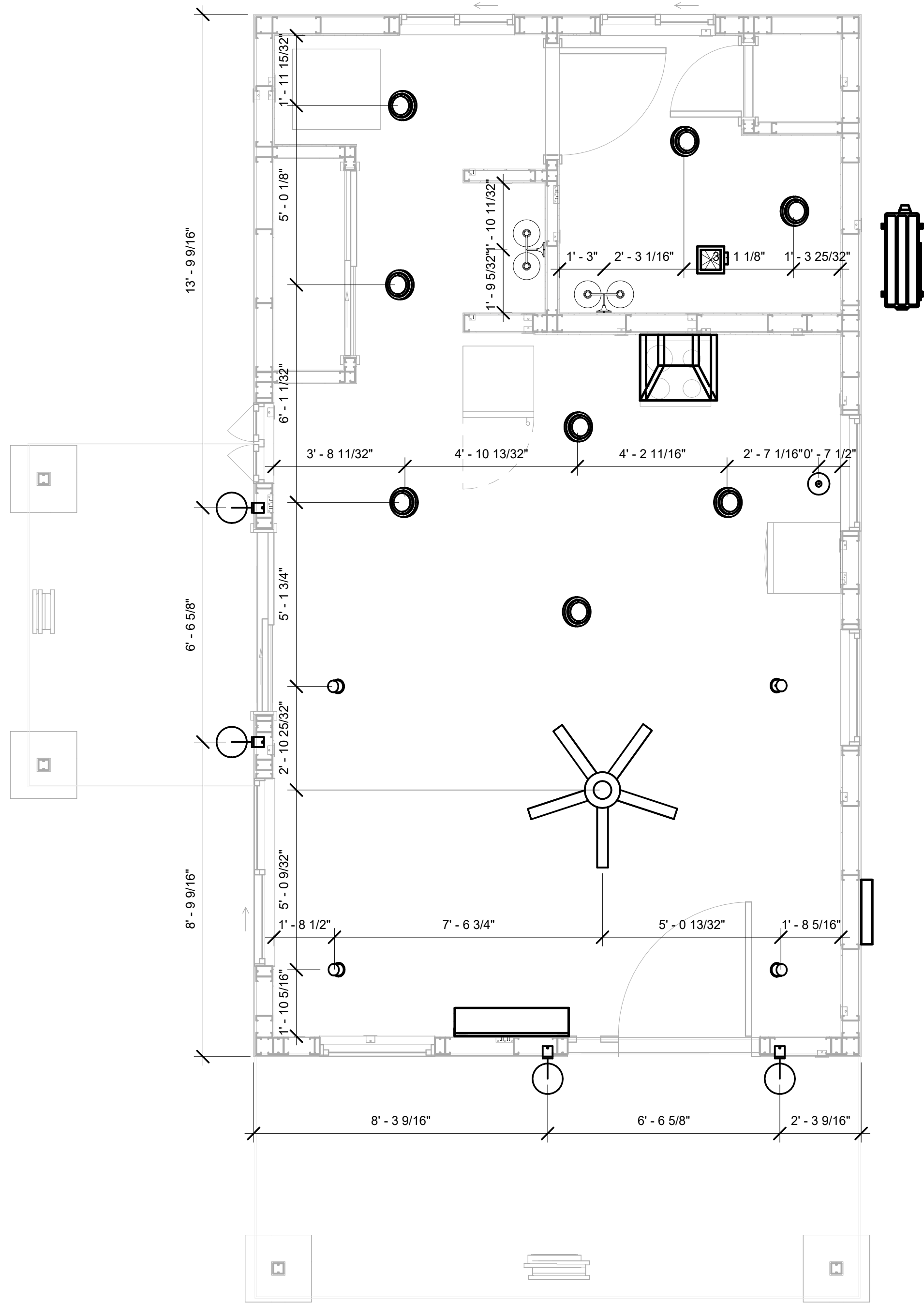
TYPE	COUNT
DOUBLE GANG SWITCH BOX	1
SINGLE GANG SWITCH BOX	2
TRIPLE GANG SWITCH BOX	3

LIGHTING DEVICE

TYPE	COUNT
DIMMER	2
FAN SWITCH	1
SINGLE POLE	5
THREE WAY	5

LIGHTING FIXTURE

LIGHTING FIXTURE TYPE	VOLTAGE	ELECTRICAL LOAD	COUNT
ELECTRICAL_LIGHTS_FAN-LIGHT2	120 V/1-50 VA- 120 V/1-80 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	1
LIGHT_FIXTURE-WALL_SCON CE-KÖHLER-TONE-K-31769	ONE DEDICATED CIRCUIT REQUIRED 120 V/1-120 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	2
LIGHTING_OTHER_LUMENWE RX_SHELL-RECESSED1	120 V/1-20 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	2
LIGHTING_PENDANT1	120 V/1-20 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	1
LIGHTING_RECESSED	120 V/1-60 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	6
SASSO 100 ROUND WALLWASHER TRIM2	120 V/1-10 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	4
WALL LAMP - BRACKET1	120 V/1-38 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	4



1

DIMENSION FOR LIGHT FIXTURES

3/8" = 1'-0"

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Traditional-550

DRAWING NAME

DIMENSION PLAN
FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0054_11
DATE:	1/25/2025 12:04:09 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E104

SCALE: As indicated

NOTES;

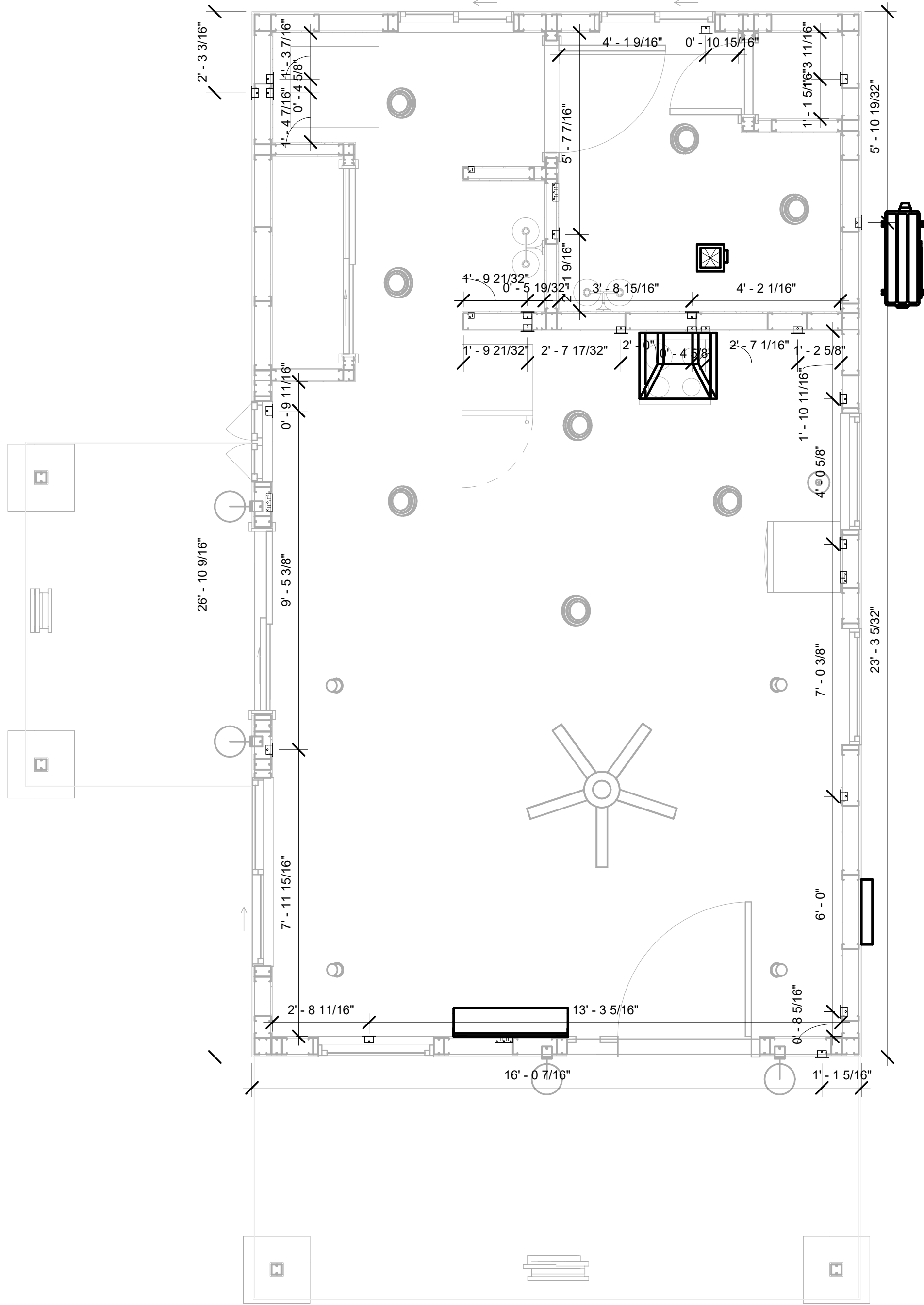
1. VERIFY EQUIPMENT PLUG CONFIGURATION BEFORE PURCHASING RECEPTACLES
2. FOR ALL EQUIPMENT.
3. COORDINATE EXACT LOCATION OF LIGHT FIXTURES, WALL SWITCHES, RECEPTACLES AND OTHER DEVICES WITH ARCHITECTURAL DRAWINGS.
4. USE METALLIC JUNCTION BOX WITH THE GFCI RECEPTACLES, WITH HIGHT VOLTAGE.

ELECTRICAL FIXTURE SCHEDULE (RECEPTACLE)

TYPE	COUNT
CONDENSER	1
DRYER	1
GFCI BATH ROOM	4
GFCI DISHWASHER	1
GFCI KITCHEN	3
GFCI OUT DOOR	2
GFCI WASHER 2	1
OVEN HOOD	1
RANGE	1
REFRIGERATOR	1
STANDARD	5
WATER HEATER	1

ELECTRICAL OUTLET SCHEDULE

TYPE	CIRCUIT NUMBER	ELECTRICAL DATA	COUNT
GFCI BATH ROOM		120 V/1-180 VA	1
GFCI OUT DOOR		120 V/1-180 VA	1
REFRIGERATOR		120 V/1-1500 VA	1
GFCI BATH ROOM	1	120 V/1-180 VA	1
GFCI BATH ROOM	5	120 V/1-180 VA	2
GFCI KITCHEN	6	120 V/1-180 VA	3
GFCI DISHWASHER	7	120 V/1-1200 VA	1
OVEN HOOD	7	120 V/1-180 VA	1
GFCI WASHER 2	8	120 V/1-2000 VA	1
GFCI OUT DOOR	9	120 V/1-180 VA	1
STANDARD	10	120 V/1-180 VA	5
DRYER	11,13	240 V/2-1500 VA	1
WATER HEATER	12,14	240 V/2-4500 VA	1
RANGE	15,17	240 V/2-5000 VA	1
CONDENSER	16,18	240 V/2-5000 VA	1



1

DIMENSION FOR FITTINGS

3/8" = 1'-0"

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Traditional-550

DRAWING NAME

DIMENSION PLAN
FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0054_11
DATE:	1/25/2025 12:04:10 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

SCALE: As indicated

SHEET LIST	
SHEET NUMBER	SHEET NAME
P101	NOTE AND SCHEDULE
P102	WATER SUPPLY AND SEWAGE SYSTEM

PIPE COLOR SCHEME	
<div></div>	DOMESTIC COLD WATER
<div></div>	DOMESTIC HOT WATER
<div></div>	SANITARY VENT
<div></div>	SANITARY SEWER
<div></div>	STORM DRAINAGE

PLUMBING NOTES

1.

THE PLUMBING SYSTEM IS DESIGNED TO MEET THE BUILDING'S DOMESTIC WATER SUPPLY, SANITARY DRAINAGE, AND STORM DRAINAGE REQUIREMENTS, AS PER PROJECT SPECIFICATIONS AND APPLICABLE CODES.
2.

THE SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST INTERNATIONAL PLUMBING CODE (IPC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL OTHER RELEVANT LOCAL, STATE, AND NATIONAL REGULATIONS.
3.

ALL PLUMBING WORK SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND THE LOCAL PLUMBING CODE.
4.

PLUMBING SYSTEMS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE LOCAL PLUMBING CODE REQUIREMENTS.
5.

PLUMBING FIXTURES SHALL BE INSTALLED WITH THE APPROPRIATE TRIM, FITTINGS, AND ACCESSORIES, AS RECOMMENDED BY THE MANUFACTURER.
6.

PIPING SHALL BE PROPERLY SUPPORTED AND SECURED TO PREVENT SAGGING, MOVEMENT, AND VIBRATION.
7.

SHUT-OFF VALVES SHALL BE PROVIDED AT ALL BRANCH CONNECTIONS AND AT THE INLET AND OUTLET OF EACH PIECE OF EQUIPMENT.
8.

BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AS REQUIRED BY THE LOCAL PLUMBING CODE TO PROTECT THE POTABLE WATER SYSTEM.
9.

PLUMBING FIXTURES AND EQUIPMENT SHALL BE ACCESSIBLE FOR MAINTENANCE AND SERVICING.
10.

EXPOSED PLUMBING PIPING AND FIXTURES SHALL BE INSULATED TO PREVENT CONDENSATION AND ENERGY LOSS.
11.

DEAD ENDS IN THE DRAINAGE SYSTEM MUST BE AVOIDED, EXCEPT WHERE NECESSARY TO INSTALL A CLEANOUT IN AN ACCESSIBLE LOCATION, AND MUST HAVE A VENTED CONNECTION TO THE OUTSIDE ATMOSPHERE.
12.

THE VERTICAL DEFLECTION OF PVC PIPE MUST NOT EXCEED 5%, AND NO DEFLECTION IS PERMITTED FOR IRON PIPE.
13.

WORK MUST BE PROPERLY COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS, REFERRING TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR INFORMATION REGARDING CEILING ELEVATIONS, SPACE CLEARANCES, WALL AND PARTITION LOCATIONS, ETC.
14.

ALL FIXTURES SHALL HAVE ACCESSIBLE STOPS.
15.

DOMESTIC WATER PIPING SHALL BE PEX, AND PVC PIPING IS NOT ACCEPTABLE FOR INTERIOR USE.
16.

VENT TERMINATIONS SHALL BE LOCATED AT LEAST 10 FEET FROM OR 3 FEET ABOVE ANY OPERABLE WINDOW, DOOR OPENING, AIR INTAKE, OR VENT SHAFT, AND AT LEAST 3 FEET IN EVERY DIRECTION FROM ANY LOT LINE, ALLEY, OR STREET.
17.

PIPE AND FITTINGS UTILIZED IN THE WATER SUPPLY SYSTEM SHALL HAVE A MAXIMUM OF 8 PERCENT LEAD.
18.

ACRYLONITRILE BUTADIENE STYRENE (ABS) SHALL BE USED FOR THE SEWERAGE AND VENTILATION SYSTEM.
19.

CROSS-LINKED POLYETHYLENE (PEX) SHALL BE USED FOR THE WATER SUPPLY SYSTEM.
20.

POLYVINYL CHLORIDE (PVC) SHALL BE USED FOR THE RAIN WATER SYSTEM.
21.

THE MINIMUM WATER SUPPLY DEPTH UNDER FLOOR FINISH SHOULD BE 1/2".
22.

ANY PIPE INSTALLED UNDERGROUND MUST HAVE AT LEAST 12 INCHES OF CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND ANY OTHER UNDERGROUND STRUCTURE.
23.











THE MINIMUM CLEARANCE BETWEEN COLD AND HOT WATER LINES IN RESIDENTIAL HOMES MAINTAIN A MINIMUM DISTANCE OF 6 INCHES.
24.

HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES : A MINIMUM OF 12 INCHES BETWEEN POTABLE WATER SUPPLY LINES (COLD AND HOT WATER) AND SANITARY SEWER LINES.

ABBREVIATIONS

Ø	DIAMETER
ABS	ACRYLONITRILE BUTADIENE STYRENE
ABV	ABOVE
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
BFF	BELOW FINISHED FLOOR
BLW	BELOW
CO	CLEAN OUT
CW	COLD WATER
D	DEGREE
DFU	DRANAGE FIXTURE UNIT
DIA	DIAMETER
DN	DOWN
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FL	FLOOR
FS	FLOOR SINK
FT	FOOT/FEET
HB	HOSE BIB
HW	HOT WATER
IN	INCH
MIN	MINIMUM
NO	NUMBER
NTS	NOT TO SCALE
PEX	CROSS-LINKED POLYETHYLENE
PLBG	PLUMBING
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
RD	ROOF DRAIN
RED	REDUCER
RM	ROOM
RW	RAIN WATER
SF	SQUARE FOOT
V	VENT
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEAN OUT
WSFU	WATER SUPPLY FIXTURE UNIT

PLUMBING LEGEND

	CAP
	BEND 45 DEG
	BEND 90 DEG
	TEE REDUCING
	TEE
	CLEAN TWO-WAY
	WYE 45 DEG
	WYE 45 DEG DOUBLE
	WYE COMBINATION
	P-TRAP

PIPE SCHEDULE		
MATERIAL	DIAMETER	LENGTH
ACRYLONITRILE BUTADIENE STYRENE (ABS)	1 1/2"	22 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	2"	47 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	3"	6 FT
CROSS-LINKED POLYETHYLENE (PEX)	1/2"	88 FT
CROSS-LINKED POLYETHYLENE (PEX)	3/4"	38 FT
POLYVINYL CHLORIDE - RIGID	2"	70 FT

FITTING SCHEDULE		
FITTING	SIZE	QTY
DOMESTIC COLD WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	19
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	1
PEX CROSS ELBOW	3/4"ø-3/4"ø-3/4"ø-3/4"ø	1
PEX TEE ELBOW	1/2"ø-1/2"ø-1/2"ø	3
PEX TEE ELBOW	3/4"ø-3/4"ø-3/4"ø	4
PEX TRANSITION ELBOW	1"ø-3/4"ø	2
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	6

DOMESTIC HOT WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	13
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	3
PEX CROSS ELBOW	1/2"ø-1/2"ø-1/2"ø-1/2"ø	1
PEX TEE ELBOW	1/2"ø-1/2"ø-1/2"ø	2
PEX TEE ELBOW	3/4"ø-3/4"ø-3/4"ø	1
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	4

RAIN WATER		
PVC 90 DEG BEND ELBOW	2"ø-2"ø	30

SEWAGE		
ABS 90 DEGREE BEND ELBOW	1 1/2"ø-1 1/2"ø	1
ABS 90 DEGREE BEND ELBOW	2"ø-2"ø	3
ABS 90 DEGREE BEND ELBOW	3"ø-3"ø	1
ABS BEND LONG SWEEP ELBOW	2"ø-2"ø	2
ABS P-TRAP	1 1/2"ø-1 1/2"ø	4
ABS P-TRAP	2"ø-2"ø	1
ABS REDUCER ELBOW	2"ø-1 1/2"ø	3
ABS REDUCER ELBOW	3"ø-2"ø	2
ABS TEE ELBOW	1 1/2"ø-1 1/2"ø-1 1/2"ø	2
ABS TEE ELBOW	2"ø-2"ø-2"ø	1
ABS TEE ELBOW	3"ø-3"ø-3"ø	2
ABS TEE REDUCER ELBOW	2"ø-2"ø-2"ø	1
ABS TRAP P	2"ø-2"ø	1
ABS VENT CAP ELBOW	2"ø	1
ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	2"ø-2"ø-2"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	3"ø-3"ø-1 1/2"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	3"ø-3"ø-2"ø	1

VENT		
ABS 90 DEGREE BEND ELBOW	1 1/2"ø-1 1/2"ø	1
ABS TEE REDUCER ELBOW	2"ø-2"ø-1 1/2"ø	1
ABS VENT CAP ELBOW	1 1/2"ø	1
ABS VENT CAP ELBOW	2"ø	2

WATER FIXTURE UNIT SCHEDULE			
FAMILY	QTY	UNIT VALUE	TOTAL
DISHWASHER	1	1.4	1.4
SHOWER TRAY	1		0
SHOWER TRIM	1	1.4	1.4
SINK ISLAND SINGLE	1	1.4	1.4
VANITY SINK	2	0.7	1.4
WASHER	1	1.4	1.4
WATER CLOSET	1	2.2	2.2

WASTE FIXTURE UNIT SCHEDULE			
FAMILY	QTY	DFU VALUES	TOTAL
DISHWASHER	1	2	2
SHOWER TRAY	1		0
SINK ISLAND SINGLE	1	2	2
VANITY SINK	2	1	2
WASHER	1	2	2
WATER CLOSET	1	3	3

FIXTURE SCHEDULE		
FIXTURE	QTY	DESCRIPTION
DISHWASHER	1	
DRYER	1	
SHOWER TRAY	1	
SHOWER TRIM	1	
SINK ISLAND SINGLE	1	
VANITY SINK	2	
WASHER	1	
WATER CLOSET	1	
WATER HEATER	1	

PLUMBING SCHEDULE					
FIXTURE	TRAP	WASTE	VENT	C.W	H.W
DISHWASHER	1-1/2"	2"	1-1/2"	1/2"	1/2"
DRYER	N/A	N/A	N/A	N/A	N/A
SHOWER TRAY					
SHOWER TRIM	-	-	-	1/2"	1/2"
SINK ISLAND SINGLE	1-1/2"	2"	1-1/2"	1/2"	1/2"
VANITY SINK	1-1/2"	2"	1-1/2"	1/2"	1/2"
WASHER	2"	2"	1-1/2"	1/2"	1/2"
WATER CLOSET	3"	3"	2"	1/2"	1/2"
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"

ACCESSORIES & FITTINGS SCHEDULE		
FIXTURE	QTY	DESCRIPTIONS
DISHWASHER SUPPLY SINGLE CONNECTOR	1	
DISHWASHER SEWAGE SINGLE CONNECTOR	1	
HANGING PIPES CLAMP	20	
HOSE BIB	2	
LAUNDRY SWEAT CONNECTOR	1	
SHUTOFF VALVE	8	



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Spanish-550

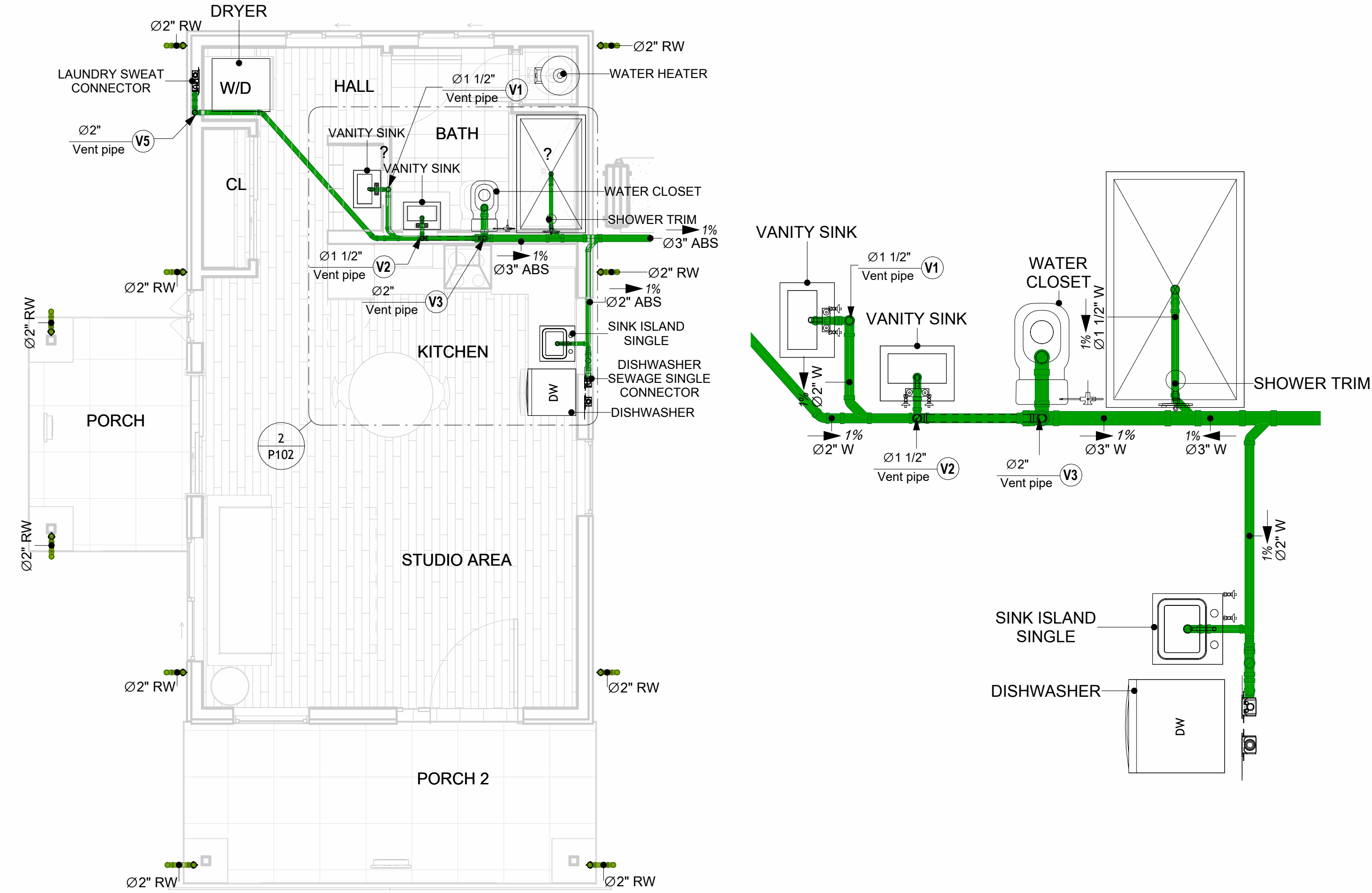
DRAWING NAME

NOTE AND
SCHEDULE

CLIENT NAME:	
PROJECT NUMBER:	0054_11
DATE:	2/1/2025 4:45:32 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

P101

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

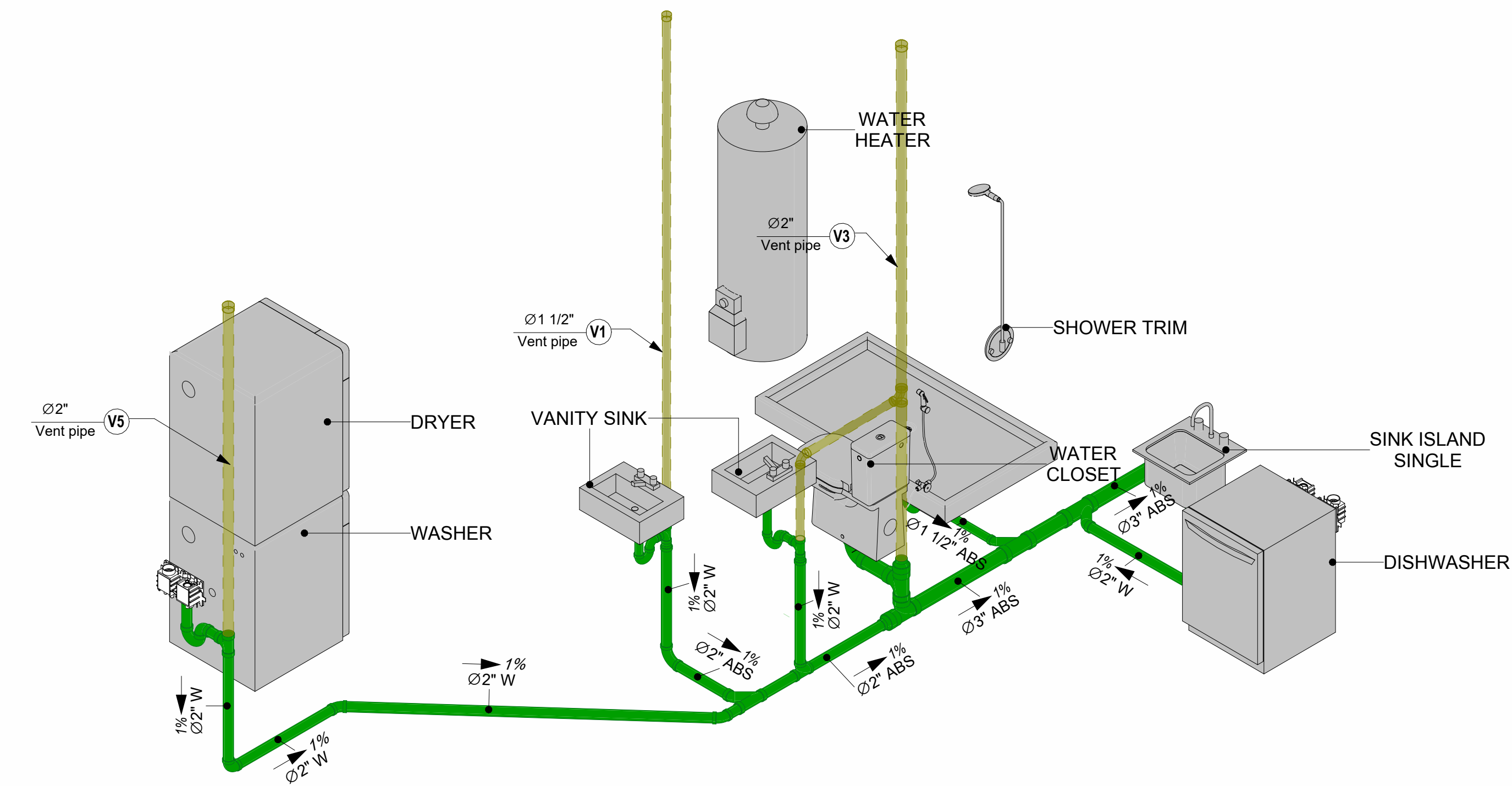


1

OVERALL SANITARY
1/4" = 1'-0"

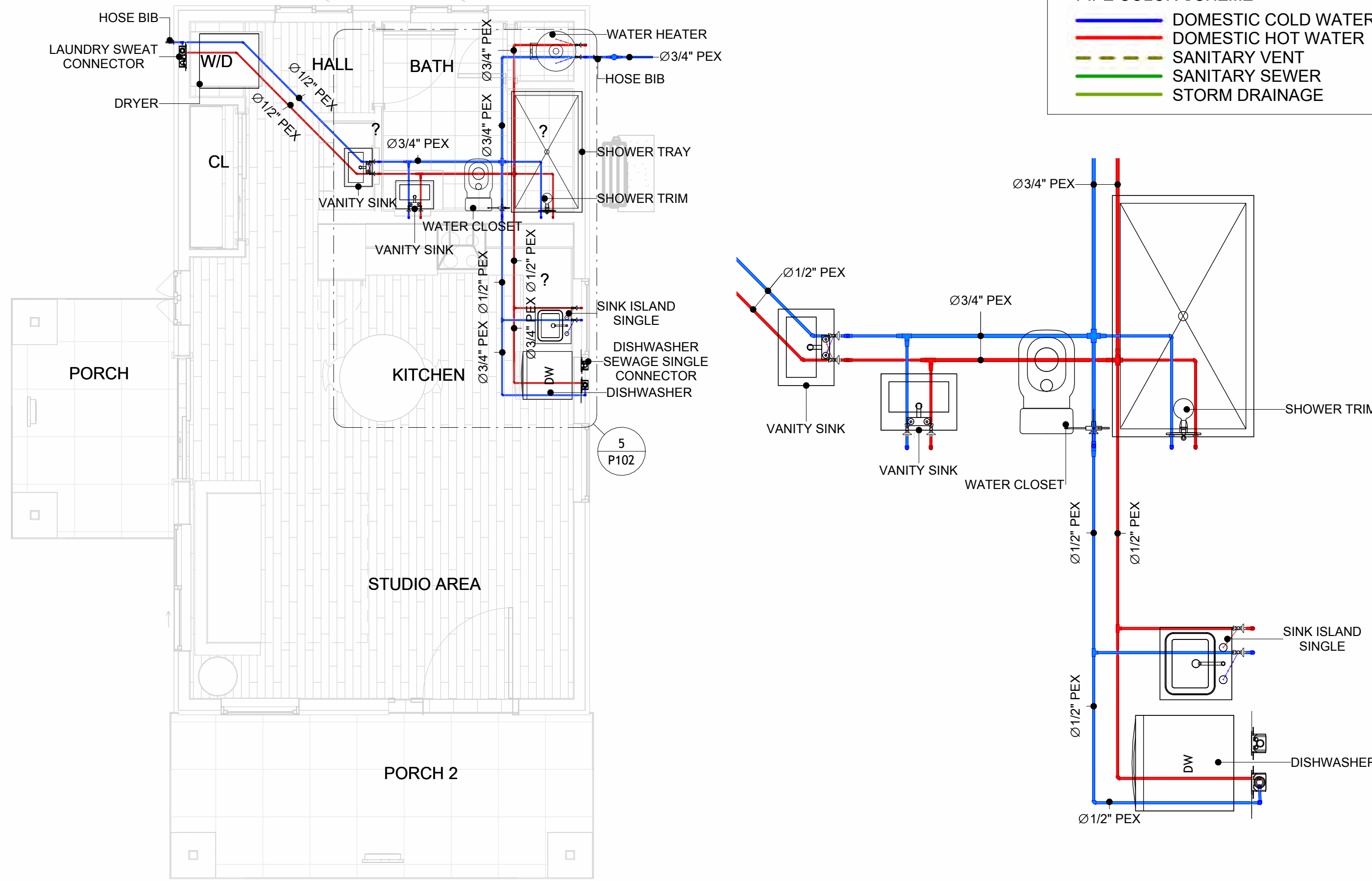
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KITCHEN AND BATH SEWAGE
1/2" = 1'-0"



3

SEWAGE RISER DIAGRAM

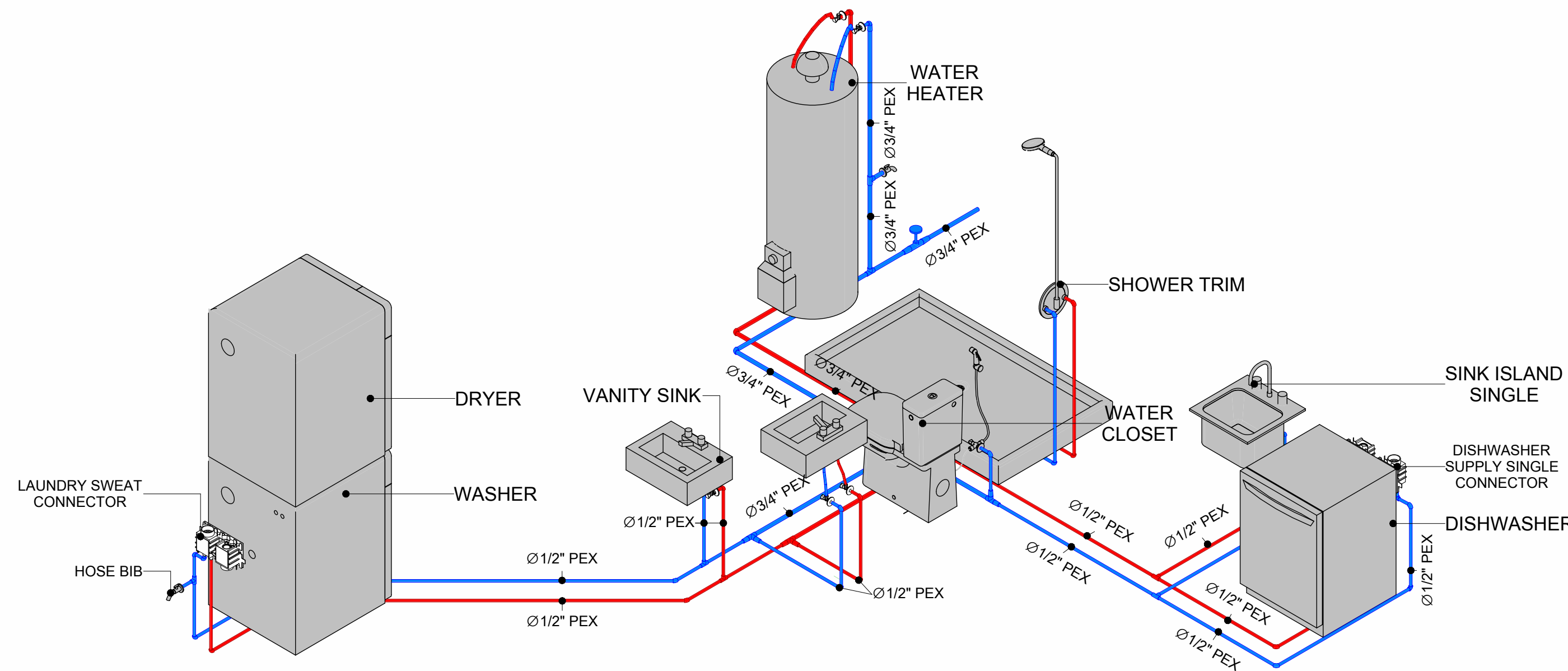


4

OVERALL WATER SUPPLY
1/4" = 1'-0"

5

KITCHEN AND BATH WATER SUPPLY
1/2" = 1'-0"



6

WATER SUPPLY RISER DIAGRAM

PIPE COLOR SCHEME

DOMESTIC COLD WATER

DOMESTIC HOT WATER

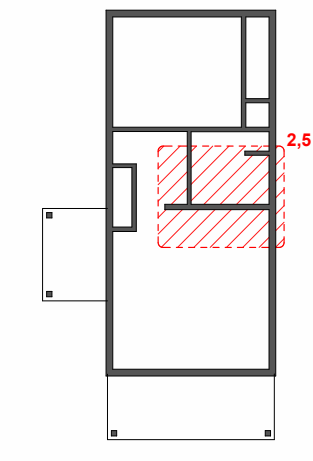
SANITARY VENT

SANITARY SEWER

STORM DRAINAGE



KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

02-Wisdom-499-Studio
Spanish-550

DRAWING NAME

WATER SUPPLY AND
SEWAGE SYSTEM

CLIENT NAME:	
PROJECT NUMBER:	0054_11
DATE:	2/1/2025 4:46:06 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

P102

SCALE: As indicated

Materials Shopping List

Please print and take this Materials Shopping List to your favorite Home Depot and ask for assistance in selecting the materials, fixtures and fittings to complete your new home.

Record your selection and the price of the item. Then do the math to determine the cost for your selections and the total cost of finishing your home.

Have It Your Way!

The material types listed in this document were selected based on personal preferences. The Customer is encouraged to make changes to the material types in accordance with local customs, regulations, and personal preferences.

Have It Your Way!



20 good reasons to frame a home with metal and not wood



Why build your ADU with metal vs wood	Wood	Metal	Explanation
1 DIY Construction Benefit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The wall frames, trusses and beams can be erected in a just a few days
2 Minimal Construction Skills Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pre-assembled walls and trusses require no specialized skills to erect
3 Build as DIY, Hybrid or by a General Contractor	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Do it yourself, Hybrid (involve special contractors) or hire a General Contractor
4 Build It As You Can Afford It	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Impervious to Weather - build as you have the time and money
5 Up Front Cost of Framing Materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	As to only the framing material, wood is less expensive
6 Total Cost To Build	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Savings in time, labor, and other areas make light gauge steel LESS expensive
7 Termites and wood boring insects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Termites, carpenter ants and wood boring insects eat wood, not metal
8 Mold resistant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Metal does not attract mold
9 Damage caused by exterior and interior flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Metal needs no reconditioning after a flood
10 Fire Resistant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Non-combustible
11 Lower insurance rates	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Many insurance underwriters now provide lower rates for metal framed homes
12 Walls, trusses, and beams retain their original form	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Perfectly straight walls - no shimming of drywall
13 Corners are 90 degrees	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No need for templating of countertops to adjust for out of square corners
14 Strength and weight	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Metal is stronger than wood and weighs less - no need for crane to lift ADU trusses
15 IBC Engineered Stamp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If an engineering stamp is necessary, months of waiting are saved
16 Complete BOM (Materials Shopping List)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Take the materials shopping list to Home Depot and start shopping/pricing
17 Flexible in Seismic Areas - Won't Fracture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Light gauge steel is flexible and won't fracture when the earth moves
18 No Waste At Job Site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steel is the most recycled material in the world. A typical wood home has 20-30% waste
19 Environmentally Friendly	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trees don't have to be destroyed and the source of most metal is from recycling
20 How-To Videos Included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	How-to videos provide simple assembly instructions
21 Relationship Counselor	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Eliminate emotional uphevels - save time, money, and preserve the relationship

Universal Requirements - some or all may be required	
1 Site plan	7 Earthquake (fault) evaluation
2 Electrical Supply Connection	8 Foundation Plan - subject to soils
3 Sewer Connection	9 Compliance with local energy codes: insulation home wrap and flashing
4 Fresh Water Supply Connection	10 Engineering for wind speed and snow load.
5 Set Backs	11 State and Local ordinances regarding ADUs
6 Soils Evaluation	12 Local Architect and/or Engineer may be necessary



WISDOM-STUDIO-TRADITIONAL

MATERIAL SHOPPING LIST

Have It Your Way!

The material types listed in this document were selected based on personal preferences. The Customer is encouraged to make changes to the material types in accordance with local customs, regulations, and personal preferences. Have It Your Way!

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Have It Your Way!

The material types listed in this document were selected based on personal preferences. The Customer is encouraged to make changes to the material types in accordance with local customs, regulations, and personal preferences. Have It Your Way!

GENERAL NOTES

- 1 This BOM (Bill of Materials) is prepared as a Materials Shopping List to help builders and DIYers gain a complete understanding of most if not all elements required for the complete construction of this structure, according to the original design documents provided by FrameUpNow.
- 2 All quantities and specifications are subject to change based on the final design, field measurements, availability of products and customer preferences. The customer should verify all information prior to purchasing materials.
- 3 All products and elements in the list shall conform to the International Residential Code (IRC), or any other local and international building codes, safety regulations, and standards that are applicable to the location of the structure.
- 4 If any changes are made by the customer to the list of materials specified in this document, the customer is responsible for assuring that the correct type and quantity of materials are utilized in accordance with local building codes.
- 5 FrameUpNow, will not be held responsible for any misuse of this document, the products listed, or for deviations from the content that are made due to changes in specifications, pricing, availability, or customer preferences.
- 6 The customer is advised to consult a qualified professional or technician prior to purchasing materials for specialized construction system items. Some items including but not limited to caseworks, doors and windows may require as built measurements prior to purchase to confirmation of final dimensions.
- 7 If there are additional trim elements or specific installation methods, the total amount of materials needed might vary. Consider any additional trim required for corners, intersections, or other architectural details that might cause this variations before proceeding to purchase and construction.

ARCHITECTURAL BOM



WISDOM-STUDIO-TRADITIONAL					
ARCHITECTURAL MATERIAL SHOPPING LIST					
No.	Item	Type	Unit	Quantity	Description
🏠 APPLIANCES					
1	Refrigerator		PCS	1	
2	Range		PCS	1	
3	Washer		PCS	1	
4	Dryer		PCS	1	
5	Dish Washer		PCS	1	
6	Oven		PCS	0	
7	Microwave		PCS	0	
🏠 CASEWORKS					
8	Kitchen Cabinet		FT	15.82	
9	Laundry Cabinet		FT	2.25	
10	Vanity Cabinet		FT	6.08	
11	Medicine Cabinet		PCS	2	
12	Kitchen countertop		SF	24.46	
13	Laundry Countertop		PCS	0	
14	Bathroom Countertop		SF	0	
15	Island		FT	0	
16	Peninsula		FT	0	
17	Closets		SF	35.49	
🏠 CEILING					
18	Ceiling Board	Dry Wall	SF	442	
19	Dry Wall Fastener	Screw	PCS	774	
20	Vapor Retarder	Polyethylene film	SF	582	
21	Vapor Retarder Fastener	Nails with washer heads	PCS	1746	
22	Ceiling Board (MRD)	Moisture resistant drywall	SF	64	
23	MRD Fastener		PCS	112	
24	Ceiling Board	Marine Plywood	SF	76	
25	Marine Plywood Fastener	Screw	PCS	133	
26	Dry Wall Tape		FT	291	
🏠 ROOF					
27	Roof Covering		SF	867	
28	Roof Covering Fastener		PCS	433.5	
29	Roof Felt Paper		SF	867	
30	Roof Felt Paper Fastener		PCS	2601	
31	Roof Sheathing		SF	867	
32	Roof Sheathing Fastener		PCS	6936	
33	Batten		FT	0	
34	Batten Fastener		PCS	0	
35	Soffit		SF	138	
36	Soffit Fastener		PCS	69	
37	Fascia		FT	97	
38	Fascia board fastener		PCS	48.5	
39	Roof Insulation		SF	867	
🏠 FLOORING					
40	Main Living Space		SF	372.25	
41	Bathroom		SF	81.29	
42	Porch		SF	189.71	
🏠 STRUCTURE					
43	Foundation		SF	682.62	

ARCHITECTURAL BOM



🏠 WALLS EXTERIOR				
44	Exterior Wall Siding		SF	681
45	Wall Paint		SF	681
46	Wall Shteaching (OSB)		SF	681
47	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	6.81
48	Wall Insulation		SF	906
49	Wall Homewrap		SF	681
50	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	2.6
51	Furring Strip		SF	85.1
52	Furring Strip Fastener	Self-drilling screws(100/pkt)	PKT	6.8
🏠 WALLS INTERIOR				
53	Cementitious Backer Board		SF	468
54	Kerdi membrane		SF	468
55	Kerdi membrane Fastener		SF	468
56	Wall Ceramic Tile		SF	468
57	Drywall Board		SF	661
58	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	5.02
59	Wall Paint		SF	661
60	Drywall Tape		FT	124.24958
61	Wall Sweep		FT	53.6
🏠 DOORS				
62	Interior Swinging	3' - 0" X 6'-8"	PCS	1
63	Interior Swinging	2' - 0" X 6'-8"	PCS	1
64	Front Door With Sidelight	5' - 5" X 6'-11 1/2"	PCS	1
65	Interior Sliding	5' - 0" X 6'-8"	PCS	1
66	Patio Sliding	5' - 2" X 6'-8"	PCS	1
67	Exterior Door Trim		FT	37.8
68	Interior Door Trim		FT	137.8
69	Entry Lock set			2
70	Privacy Lock set			1
71	Passage Lock set			2
🏠 WINDOWS				
72	Single Hung	3' - 3" X 4'-3"	PCS	1
74	Sliding	5' - 3" X 3'-3"	PCS	1
75	Sliding	3' - 3" X 2'-3"	PCS	2
76	Casement	2' - 3" X 3'-3"	PCS	1
77	Fixed	1' - 6" X 1'-6"	PCS	1
78	Fixed	1' - 0" X 1'-0"	PCS	1
79	Exterior Window Trim		FT	102.4
80	Interior Window Trim		FT	102.4

ELECTRICAL BOM



WISDOM-STUDIO-TRADITIONAL					
ELECTRICAL MATERIAL SHOPPING LIST					
No.	Item	Type	Unit	Quantity	Description
🏠	LIGHTING FIXTURES				
1	Kitchen Ceiling Light		PCS	5	
2	Exterior Wall Mounted Light		PCS	4	
3	Livingroom Ceiling Light With Fan		PCS	1	
4	Bedroom Ceiling Light With Fan		PCS	0	
5	Dining Ceiling Light		PCS	0	
6	Bath Wall Mounted Light		PCS	2	
7	Bathroom Ceiling Light		PCS	2	
8	Livingroom Ceiling Light		PCS	4	
9	Hall & Entry Ceiling Light		PCS	2	
10	Smoke Detector		PCS	0	
🏠	ELECTRICAL FITTINGS				
11	Standard Receptacle 120V	15 A	PCS	5	
12	GFCI Receptacle 120V	20 A	PCS	11	
13	GFCI Receptacle 240V	30 A	PCS	4	
14	GFCI Receptacle 240V	40 A	PCS	1	
15	GFCI Receptacle 240V	60 A	PCS	0	
16	Fan Switch		PCS	1	
17	Single Pole Switch		PCS	6	
18	Three Way Switch		PCS	4	
19	Dimmer Switch		PCS	2	

ELECTRICAL BOM



🏠 ELECTRICAL CONDUITS & WIRING					
20	ROMEX 14 AWG	14/2 w/ground	FT	177.3	
21	ROMEX 12 AWG	12/2 w/ground	FT	119	
22	ROMEX 10 AWG	10/2 w/ground	FT	74.4	
23	ROMEX 10 AWG	10/3 w/ground	FT	82.13	
24	ROMEX 10 AWG	8/2 w/ground		0	
25	ROMEX 8 AWG	8/3 w/ground	FT	29.02	
26	ROMEX 6 AWG	6/3 w/ground	FT	29.68	
27	Bare Copper Ground Wire 6 AWG				
28	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1	
30	Circuit breaker	15 A	PCS	5	
31	Circuit breaker	20 A	PCS	4	
33	Circuit breaker	30 A	PCS	3	
35	Circuit breaker	40 A	PCS	1	
36	Circuit breaker	60 A	PCS	1	
37	Single Gang Switch Box		PCS	2	
39	Double Gang Switch Box		PCS	1	
40	Triple Gang Switch Box		PCS	3	
41	Pull Box	#1/4	PCS	14	
42	Receptacle Box		PCS	22	

PLUMBING BOM



WISDOM-STUDIO-TRADITIONAL					
PLUMBING SYSTEM MATERIAL SHOPPING LIST					
No.	Item	Type	Unit	Quantity	Description
🏠 PLUMBING FIXTURES & ACCESSORIES					
1	Bath Tub (Alcove Tub)		PCS	2	
2	Kitchen Sink		PCS	1	
3	Kitchen Faucets		PCS	1	
4	Vanity Sink		PCS	5	
5	Bath room Faucets		PCS	5	
6	Water Closet		PCS	3	
7	Shower Trim		PCS	0	
8	Shower Tray		PCS	0	
9	Water Heater		PCS	1	
10	Hose Bib		PCS	2	
11	Shutoff Valve		PCS	8	
12	Hanging pipe clamp		PCS	8	
13	Gate Valve		PCS	1	
14	Dishwasher Supply Single Connector		PCS	1	
15	Dishwasher Sewage Single Connector		PCS	1	
16	Laundry Sweat Connector		PCS	0	
🏠 SANITARY & PLUMBING PIPES					
17	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"	FT	0	
18	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	22	
19	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	46	
20	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	6	
21	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	89	
22	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	38	
23	PEX (Cross-linked polyethylene) Pipes	ø 1"	FT	0	
24	PVC Pipes Sch.80 - Rigid	ø 1 1/2"	FT	0	
25	PVC Pipes Sch.80 - Rigid	ø 2"	FT	37	
26	PVC Pipes Sch.80 - Rigid	ø 3"	FT	0	
27	Flex Pipe Round	ø 1/2"	PCS	8	
28	Flex Pipe Round	ø 3/4"	PCS	0	
29	Flex Pipe Round	ø 1"	PCS	0	
🏠 PIPE FITTINGS					
30	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	19	
31	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	1	
32	PEX Cross Elbow	3/4"ø-3/4"ø-3/4"ø-3/4"ø	PCS	1	
34	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	3	
35	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	4	
36	PEX Transition Elbow	1"ø-3/4"ø	PCS	2	
37	PEX Transition Elbow	3/4"ø-1/2"ø	PCS	6	
38	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	13	
39	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	3	
42	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	1	
44	PVC 90 Deg Bend Elbow	2"ø-2"ø	PCS	15	
45	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	1	
46	ABS 90 Degree Bend Elbow	2"ø-2"ø	PCS	3	
47	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	1	
48	ABS Bend Long Sweep Elbow	2"ø-2"ø	PCS	2	
49	ABS P-Trap	1 1/2"ø-1 1/2"ø	PCS	4	

PLUMBING BOM



50	ABS P-Trap	2"ø-2"ø	PCS	1	
51	ABS Reducer Elbow	2"ø-1 1/2"ø	PCS	3	
52	ABS Reducer Elbow	3"ø-2"ø	PCS	2	
53	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø	PCS	2	
54	ABS TEE Elbow	2"ø-2"ø-2"ø	PCS	1	
55	ABS TEE Elbow	3"ø-3"ø-3"ø	PCS	2	
56	ABS Tee Reducer Elbow	2"ø-2"ø-2"ø	PCS	1	
57	ABS Trap P	2"ø-2"ø	PCS	1	
58	ABS Vent Cap Elbow	2"ø	PCS	1	
59	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø	PCS	1	
60	ABS Wye Combination with 8th Bend Elbow	2"ø-2"ø-2"ø	PCS	1	
61	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø	PCS	1	
62	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-2"ø	PCS	1	
63	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	1	
64	ABS Tee Reducer Elbow	2"ø-2"ø-1 1/2"ø	PCS	1	
65	ABS Vent Cap Elbow	1 1/2"ø	PCS	1	
66	ABS Vent Cap Elbow	2"ø	PCS	2	

HVAC BOM



WISDOM-STUDIO-TRADITIONAL						
HVAC SYSTEM MATERIAL SHOPPING LIST						
No.	Item	Type	Unit	Quantity	Description	
🏠 HVAC_DUCTS						
1	PIPE (REFRIGERANT LINE)	1/2" Ø	FT	0.46		
2	PIPE (REFRIGERANT LINE)	1/4" Ø	FT	32.41		
3	PIPE (REFRIGERANT LINE)	3/4" ø	FT	0.45		
4	PIPE (REFRIGERANT LINE)	4" Ø	FT	38.18		
5	DRAYER HOSE	5" Ø	FT	4.3		
6	FLEX DUCT ROUND	4"	FT	5.58		
🏠 DUCT FITTINGS & ACCESSORIES						
7	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	1		
8	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)	PCS	1		
9	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	10		
10	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)	PCS	7		
11	TRANSITION (REFRIGERANT	3/4" (Ø)-1/2" (Ø)	PCS	2		
12	TRANSITION (REFRIGERANT	3/4" (Ø)-3/8" (Ø)	PCS	1		
13	TRANSITION (REFRIGERANT	3/8" (Ø)-1/4" (Ø)	PCS	1		
14	ROUND TRANSITION(ANGLE)	45 DEGREE	PCS	5		
🏠 HVAC_EQUIPMENTS						
15	AIR HANDLING UNIT	WALL MOUNTED	PCS	1		
16	CONDENSER	OUTDOOR UNIT	PCS	1		
17	EXHAUST FAN	75 CFM	PCS	1		
18	EXHAUST HOOD	WALL MOUNTED	PCS	1		
19	HOOD-WALL: VENT	HOOD-WALL: VENT	PCS	1		
20	DRAYER: VENT	DRAYER: VENT	PCS	1		
21	ROOF VENT	3"(Ø)	PCS	1		



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Have It Your Way!

The material types listed in this document were selected based on personal preferences. The Customer is encouraged to make changes to the material types in accordance with local customs, regulations, and personal preferences. Have It Your Way!

GENERAL NOTES

1	This BOM (Bill of Materials) is prepared as a Materials Shopping List to help builders and DIYers gain a complete understanding of most if not all elements required for the complete construction of this structure, according to the original design documents provided by FrameUpNow.
2	All quantities and specifications are subject to change based on the final design, field measurements, availability of products and customer preferences. The customer should verify all information prior to purchasing materials.
3	All products and elements in the list shall conform to the International Residential Code (IRC), or any other local and international building codes, safety regulations, and standards that are applicable to the location of the structure.
4	If any changes are made by the customer to the list of materials specified in this document, the customer is responsible for assuring that the correct type and quantity of materials are utilized in accordance with local building codes.
5	FrameUpNow, will not be held responsible for any misuse of this document, the products listed, or for deviations from the content that are made due to changes in specifications, pricing, availability, or customer preferences.
6	The customer is advised to consult a qualified professional or technician prior to purchasing materials for specialized construction system items. Some items including but not limited to caseworks, doors and windows may require as built measurements prior to purchase to confirmation of final dimensions.
7	If there are additional trim elements or specific installation methods, the total amount of materials needed might vary. Consider any additional trim required for corners, intersections, or other architectural details that might cause this variations before proceeding to purchase and construction.

ARCHITECTURAL BOM

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ARCHITECTURAL BOM



	ROOF 01						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Roof Covering			SF	867.0		
2	Roof Covering Fastener			PCS	434		
3	Roof Felt Paper			SF	867.0		
4	Roof Felt Paper Fastener			PCS	2601.0		
5	Roof Sheathing			SF	867.0		
6	Roof Sheathing Fastener			PCS	6936		
7	Batten			FT	0.0		
8	Batten Fastener			PCS	0.0		
9	Soffit			SF	138.0		
10	Soffit Fastener			PCS	69.0		
11	Fascia			FT	97.0		
12	Fascia board fastener			PCS	49		
13	Roof Insulation			SF	867.0		

ARCHITECTURAL BOM



	CEILING 01						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	STUDIO AREA AND KITCHEN			SF	419.0		
1	Ceiling Board	Drywall		SF	419		
2	Drywall Fastener	Screw		PCS	733		
3	Vapor Retarder	Polyethylene film		SF	419.0		
4	Vapor Retarder Fastener	Nails with washer heads		PCS	1257.0		
	BATH ROOM			SF	64.0		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	64		
6	MRD Fastener	Screw		PCS	112		
	CLOSET			SF	15.0		
7	Ceiling Board	Drywall		SF	15		
8	Drywall Fastener	Screw		PCS	26		
9	Vapor Retarder	Polyethylene film		SF	15.0		
10	Vapor Retarder Fastener	Nails with washer heads		PCS	45.0		
	PATIO 1			SF	26.0		
11	Ceiling Board	Marine Plywood		SF	26		
12	Exterior Grade Plywood	Screw		PCS	46		

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ARCHITECTURAL BOM



#	Item	Type	Description, Manufacturer, SKU	Unit	FLOORING EXTERIOR		
					quantity	Unit Price	Total
	STRUCTURE			SF	682.62		
1	Concrete Slab	4"concrete cast in situ		CF	279.38		
2	Insulation	Rigid insulation		SF	237		
3	Hard core	Compacted soil		CF	160.64		
4	Re-bar	#4 re-bar		Ton	0.83		
5	Concrete Pad	4"concrete cast in situ		CF	1.58		
6	Slab edge	Turndown		CF	176.58		
7	Footing	Cast-in-place concrete		CF	9.36		
	PORCH FRONT						
1	Tile Finish			SF	121.55		
2	Adhesive	1/2" Thin set Mortar		SF	121.55		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	121.55		
	PORCH SIDE						
1	Tile Finish			SF	68.16		
2	Adhesive	1/2" Thin set Mortar		SF	68.16		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	68.16		

ARCHITECTURAL BOM



FLOORING INTERIOR 01							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	CLOSET						
1	Closet Flooring			SF	13.25		
2	Wood underlay	Foam Pad Polyethylene		SF	13.25		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	13.25		
4	LIVING ROOM AND KITCHEN						
5	Living Area Flooring			SF	359		
6	Wood underlay	Foam Pad Polyethylene		SF	359		
	Vapor Retarder	Vapor Barrier Polyethylene		SF	359		
7	BATHROOM						
8	Tile Finish			SF	57.25		
9	Adhesive	1/2" Thin set Mortar		SF	57.25		
	Vapor Retarder	Vapor Barrier Polyethylene		SF	57.25		
10	LAUNDRY						
11	Tile Finish			SF	7.78		
12	Adhesive	1/2" Thin set Mortar		SF	7.78		
13	Vapor Retarder	Vapor Barrier Polyethylene		SF	7.78		

ARCHITECTURAL BOM

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ARCHITECTURAL BOM



WALLS: EXTERIOR 01							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
1	Exterior-Grade Plywood Horizontal Siding			SF	681		
2	Exterior-Grade Plywood Fastener	Self-drilling screws(100/pkt)		PKT	6.81		
3	Wall Shteathing (OSB)			SF	681		
4	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	6.81		
5	Wall Homewrap			SF	681		
	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	2.6		
6	Furring Strip			PCS	85.1		
7	Furring Strip Fastener	Self-drilling screws(100/pkt)		PKT	6.81		
8	Wall Paint			SF	681		
9	Stone Copping	Masonry stone		SF	2		
10	Stone Veneer	Masonry stone		SF	60		
11	Mortar for Stone Veneer			SF	60		
12	Wall Insulation			SF	906		

ARCHITECTURAL BOM



	WALLS: INTERIOR 01						
	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BATHROOM			SF	273		
1	Cementitious Backer Board			SF	273		
2	Kerdi membrane			SF	273		
3	Kerdi membrane Fastener			SF	273		
4	Wall Ceramic Tile			SF	273		
	HALL			SF	122		
5	Drywall Board			SF	122		
6	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.22		
7	Wall Paint			SF	122		
8	Drywall Tape			FT	22.9		

ARCHITECTURAL BOM



WALLS: INTERIOR 02							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	LIVING ROOM			SF	306		
1	Drywall Board			SF	306		
2	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.06		
3	Wall Paint			SF	306		
4	Drywall Tape			FT	57.4		
	KITCHEN			SF	159		
5	Cementitious Backer Board			SF	25		
6	Drywall Board			SF	159		
7	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.59		
8	Kerdi membrane			SF	25		
	Kerdi membrane Fastener			SF	25		
9	Wall Ceramic Tile			SF	25		
10	Wall Paint			SF	159		
11	Drywall Tape			FT	30.0		


ARCHITECTURAL BOM



WALLS: INTERIOR 03							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	WASHROOM			SF	95		
13	Cementitious Backer Board			SF	95		
14	Kerdi membrane			SF	95		
15	Kerdi membrane Fastener			SF	95		
16	Wall Ceramic Tile			SF	95		
	WD			SF	75		
17	Cementitious Backer Board			SF	75		
18	Kerdi membrane			SF	75		
19	Kerdi membrane Fastener			SF	75		
20	Wall Ceramic Tile			SF	75		
21	WH			SF	74		
22	Drywall Board			SF	74		
23	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.74		
24	Wall Paint			SF	74		
25	Drywall Tape			FT	14		
26	Wall Sweep			FT	54		


ARCHITECTURAL BOM



	DOORS						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Interior Swinging	3' - 0" X 6'-8"		PCS	1		
2	Interior Swinging	2' - 0" X 6'-8"		PCS	1		
3	Front Door With Sidelight	5' - 5" X 6'-11 1/2"		PCS	1		
4	Interior Sliding	5' - 0" X 6'-8"		PCS	1		
5	Patio Sliding	5' - 0" X 6'-8"		PCS	1		
6							
7							
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ARCHITECTURAL BOM





WINDOWS

#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Single Hung	3' - 3" X 4'-3"		PCS	1		
2	Single Hung	3' - 3" X 3'-3"		PCS	2		
3	Sliding	5' - 3" X 3'-3"		PCS	1		
4	Sliding	3' - 3" X 2'-3"		PCS	2		
5	Casement	2' - 3" X 3'-3"		PCS	1		
6	Fixed	1' - 6" X 1'-6"		PCS	1		
7	Fixed	1' - 0" X 1'-0"		PCS	1		
8							
9							

ELECTRICAL BOM



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ELECTRICAL BOM



	ELECTRICAL BOXES & CIRCUTES						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Lightind and Appliance panelboard -240V 1 PHASE	200 AMP		PCS	1		
2	Circuit breaker	15 A		PCS	5		
3	Circuit breaker	20 A		PCS	4		
4	Circuit breaker	30 A		PCS	3		
5	Circuit breaker	40 A		PCS	1		
6	Circuit breaker	60 A		PCS	1		
7	Single Gang Switch Box			PCS	2		
8	Double Gang Switch Box			PCS	1		
9	Triple Gang Switch Box			PCS	3		
10	Pull Box	#1/4		PCS	14		
11	Receptacle Box			PCS	22		

HVAC BOM



HVAC_DUCTS 01							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	0.46		
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)		FT	32.41		
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)		FT	0.45		
4	PIPE (REFRIGERANT LINE)	5/8" (Ø)		FT	38.18		
5	DRAYER HOSE	4" (Ø)		FT	4.3		
6	FLEX DUCT ROUND	4" (Ø)		FT	5.58		
7							
8							
9							
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11							
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14							
15							
16							

HVAC BOM



<div>  DUCT FITTINGS & ACCESSORIES </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)		PCS	1		
2	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)		PCS	1		
3	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)		PCS	10		
4	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)		PCS	7		
5	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-1/2" (Ø)		PCS	2		
6	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-3/8" (Ø)		PCS	1		
7	TRANSITION (REFRIGERANT LINE)	3/8" (Ø)-1/4" (Ø)		PCS	1		
8	ROUND TRANSITION (ANGLE)	45 DEGREE		PCS	5		
9							
10							
11							
12							
13							
14							
15							
16							

HVAC BOM



			HVAC_EQUIPMENTS				
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	AIR HANDLING UNIT	WALL MOUNTED		PCS	1		
2	CONDENSER	OUTDOOR UNIT		PCS	1		
3	EXHAUST FAN	75 CFM		PCS	1		
4	EXHAUST HOOD	WALL MOUNTED		PCS	1		
5	HOOD-WALL: VENT	HOOD-WALL: VENT		PCS	1		
6	DRAYER: VENT	DRAYER: VENT		PCS	1		
7	ROOF VENT	3"(Ø)		PCS	1		
8							
9							
10							
11							
12							
13							
14							
15							
16							


PLUMBING BOM



<div>  PLUMBING FIXTURES & ACCESSORIES </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Bath Tub (Alcove Tub)			PCS	2		
2	Kitchen Sink			PCS	1		
3	Kitchen faucets			PCS	1		
4	Vanity Sink			PCS	5		
5	Bath room faucets			PCS	5		
6	Water Closet			PCS	3		
7	Shower Trim			PCS	0		
8	Shower Tray			PCS	0		
9	Water Heater			PCS	1		
10	Hose Bib			PCS	2		
11	Shutoff Valve			PCS	8		
12	Hanging pipe clamp			PCS	8		
13	Globe Valve			PCS	1		
14	Dishwasher Supply Single Connector			PCS	1		
15	Dishwasher Sewage Single Connector			PCS	1		
16	Laundry Sweat Connector			PCS	1		
17	Laundry Sink			PCS	0		


PLUMBING BOM



<div>  SANITARY & PLUMBING PIPES </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"		FT	0		
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"		FT	22		
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"		FT	46		
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"		FT	6		
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"		FT	89		
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"		FT	38		
7	PEX (Cross-linked polyethylene) Pipes	ø 1"		FT	0		
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"		FT	0		
9	PVC Pipes Sch.80 - Rigid	ø 2"		FT	37		
10	PVC Pipes Sch.80 - Rigid	ø 3"		FT	0		
11	Flex Pipe Round	ø 1/2"		FT	8		
12	Flex Pipe Round	ø 3/4"		FT	0		
13	Flex Pipe Round	ø 1"		FT	0		
14							
15							


PLUMBING BOM



<div>  PIPE FITTINGS 01 </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	19		
2	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	1		
3	PEX Cross Elbow	3/4"ø-3/4"ø-3/4"ø-3/4"ø		PCS	1		
4	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	3		
5	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	4		
6	PEX Transition Elbow	1"ø-3/4"ø		PCS	2		
7	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	6		
8	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	13		
9	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	3		
10	PEX Cross Elbow	1/2"ø-1/2"ø-1/2"ø-1/2"ø		PCS	1		
11	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	2		
12	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	1		
13	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	4		
14	PVC 90 Deg Bend Elbow	2"ø-2"ø		PCS	15		
15	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø		PCS	1		

PLUMBING BOM



<div>  PIPE FITTINGS 02 </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS 90 Degree Bend Elbow	2"Ø-2"Ø		PCS	3		
2	ABS 90 Degree Bend Elbow	3"Ø-3"Ø		PCS	1		
3	ABS Bend Long Sweep Elbow	2"Ø-2"Ø		PCS	2		
4	ABS P-Trap	1 1/2"Ø-1 1/2"Ø		PCS	4		
5	ABS P-Trap	2"Ø-2"Ø		PCS	1		
6	ABS Reducer Elbow	2"Ø-1 1/2"Ø		PCS	3		
7	ABS Reducer Elbow	3"Ø-2"Ø		PCS	2		
8	ABS TEE Elbow	1 1/2"Ø-1 1/2"Ø-1 1/2"Ø		PCS	2		
9	ABS TEE Elbow	2"Ø-2"Ø-2"Ø		PCS	1		
10	ABS TEE Elbow	3"Ø-3"Ø-3"Ø		PCS	2		
11	ABS Tee Reducer Elbow	2"Ø-2"Ø-2"Ø		PCS	1		
12	ABS Trap P	2"Ø-2"Ø		PCS	1		
13	ABS Vent Cap Elbow	2"Ø		PCS	1		
14	ABS WASTE DOUBLE TEE	2"Ø-2"Ø-2"Ø-2"Ø		PCS	1		
15	ABS Wye Combination with 8th Bend Elbow	2"Ø-2"Ø-2"Ø		PCS	1		
16							

PLUMBING BOM



PIPE FITTINGS 03							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø		PCS	1		
2	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-2"ø		PCS	1		
3	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø		PCS	1		
4	ABS Tee Reducer Elbow	2"ø-2"ø-1 1/2"ø		PCS	1		
5	ABS Vent Cap Elbow	1 1/2"ø		PCS	1		
6	ABS Vent Cap Elbow	2"ø		PCS	2		
7							
8							
9							
10							
11							
12							
13							
14							
15							