



## WISDOM

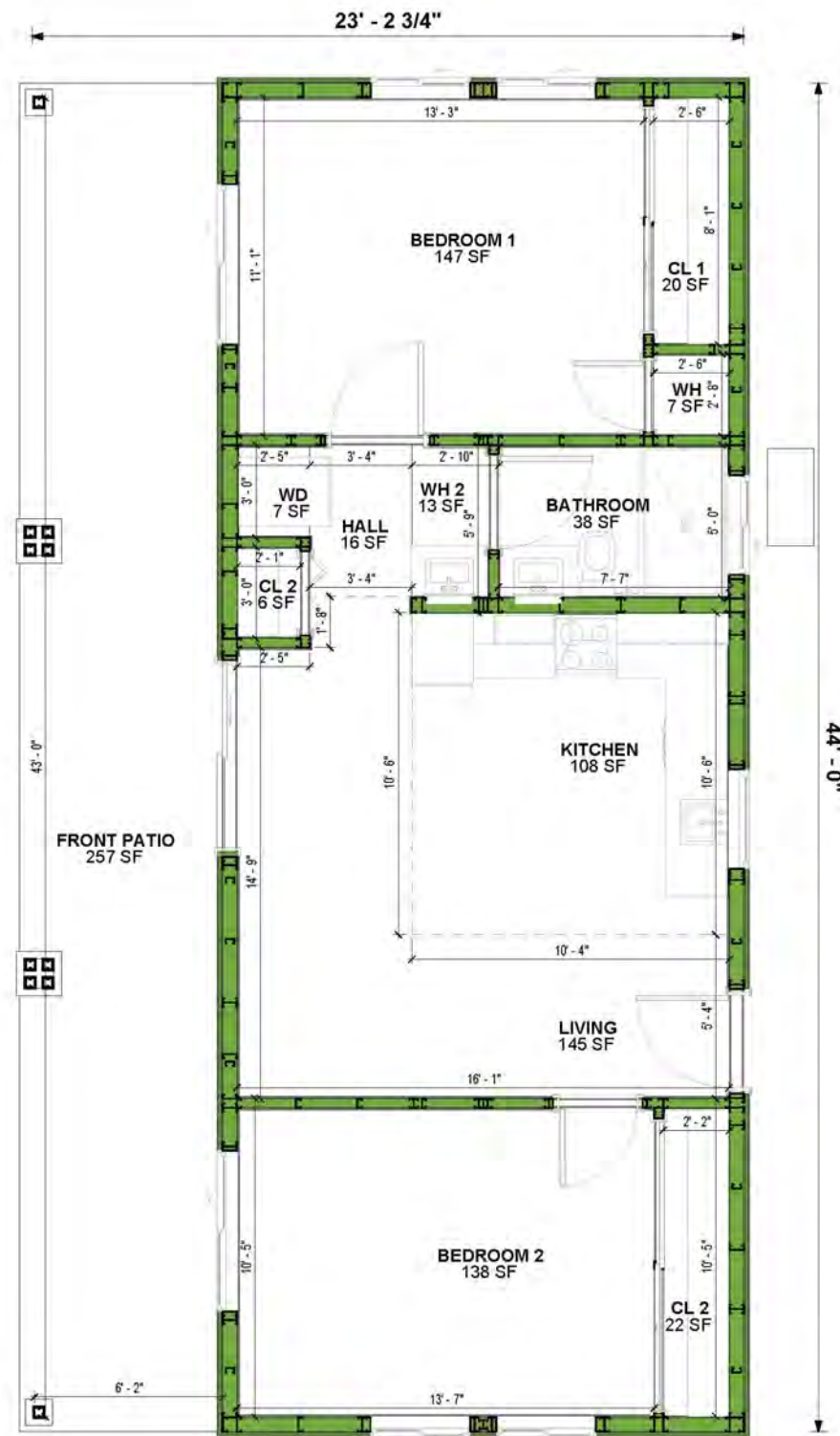
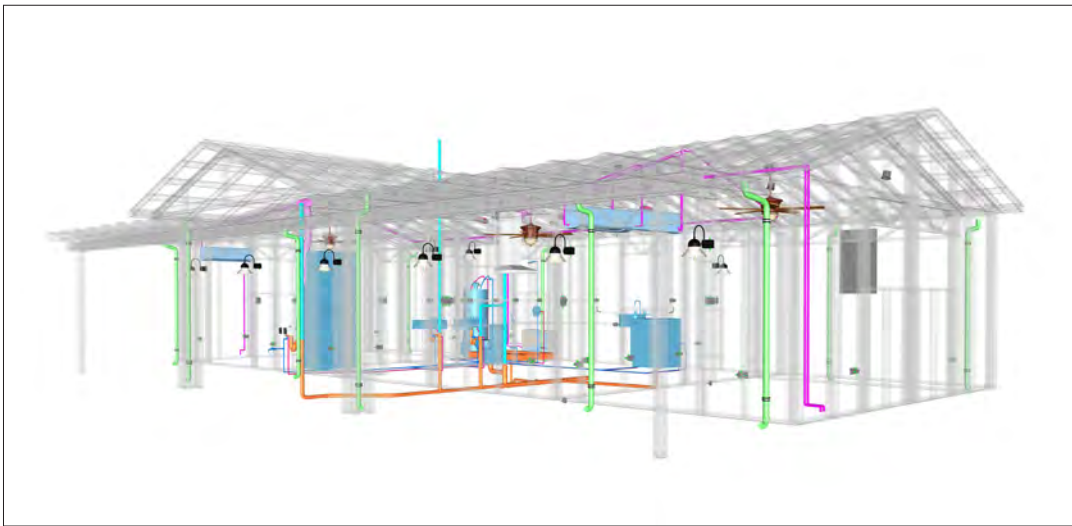
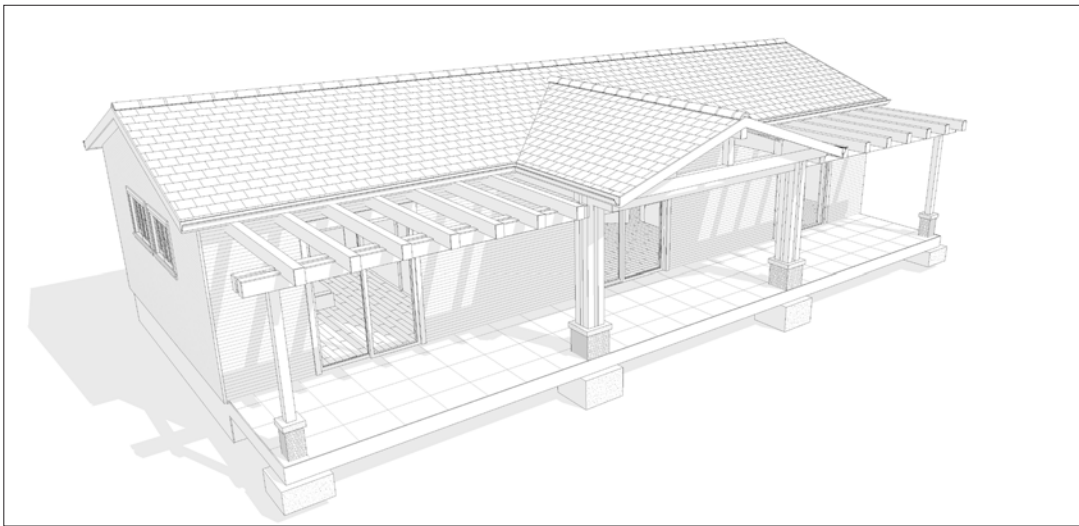
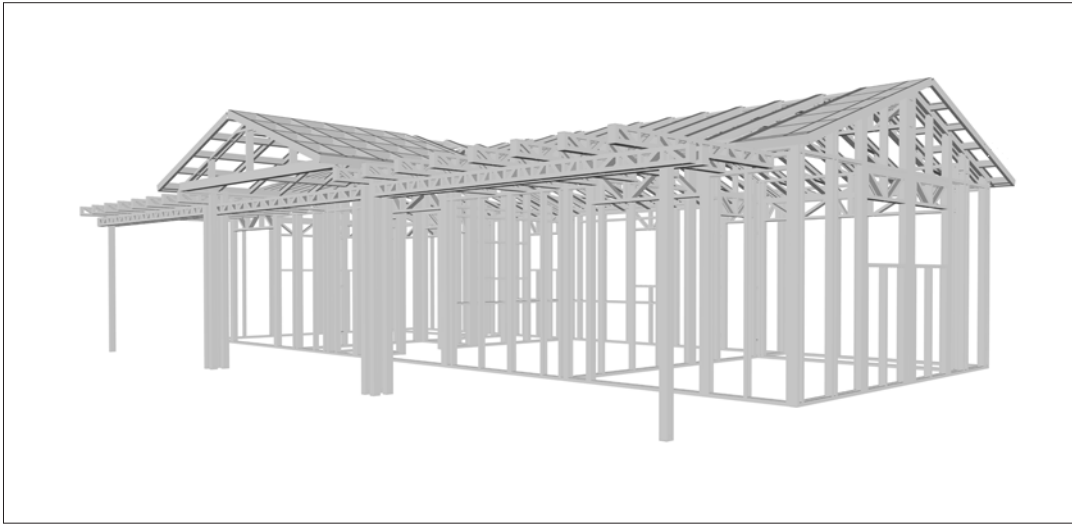
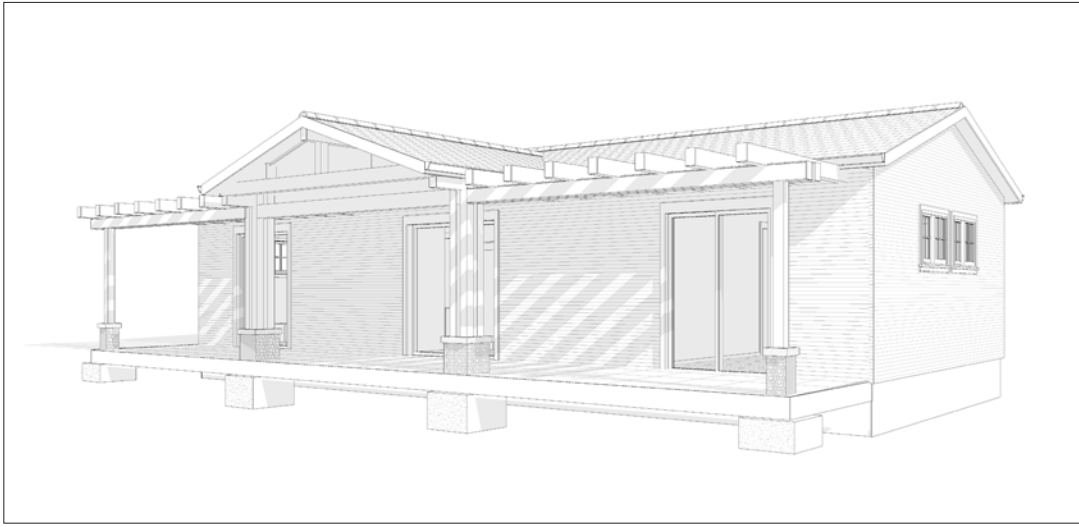
The Wisdom is a charming Craftsman-style home with a warm and inviting exterior. The classic gable roof, covered porch with sturdy columns, and decorative trim details create a timeless aesthetic. The covered porch with wooden beams offers a shaded outdoor space, perfect for relaxing or entertaining. The interior features an open floor plan that seamlessly combines the living and kitchen areas, maximizing space and creating a sense of openness. The two bedrooms with one common bathroom and an extra bathroom provide comfortable and private living quarters.

### 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



FrameUpNow  
GROUND FLOOR PLAN  
748 SF

## FLOOR PLAN

- 749 SF
- 2Bed
- 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 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.

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

### KEY PLAN

NO.	DESCRIPTION	DATE

### NOTE:

### LEGEND:

PROJECT  
**09-Wisdom-749-  
2Bd1Ba-  
Craftsman-550**

DRAWING NAME  
**INTRODUCTION**

CLIENT NAME:  
PROJECT NUMBER:  
DATE:  
DESIGNED BY:  
DRAWN BY:  
CHECKED BY:

## DISCLAIMER

DISCLAIMER: This documentation and all it's 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	

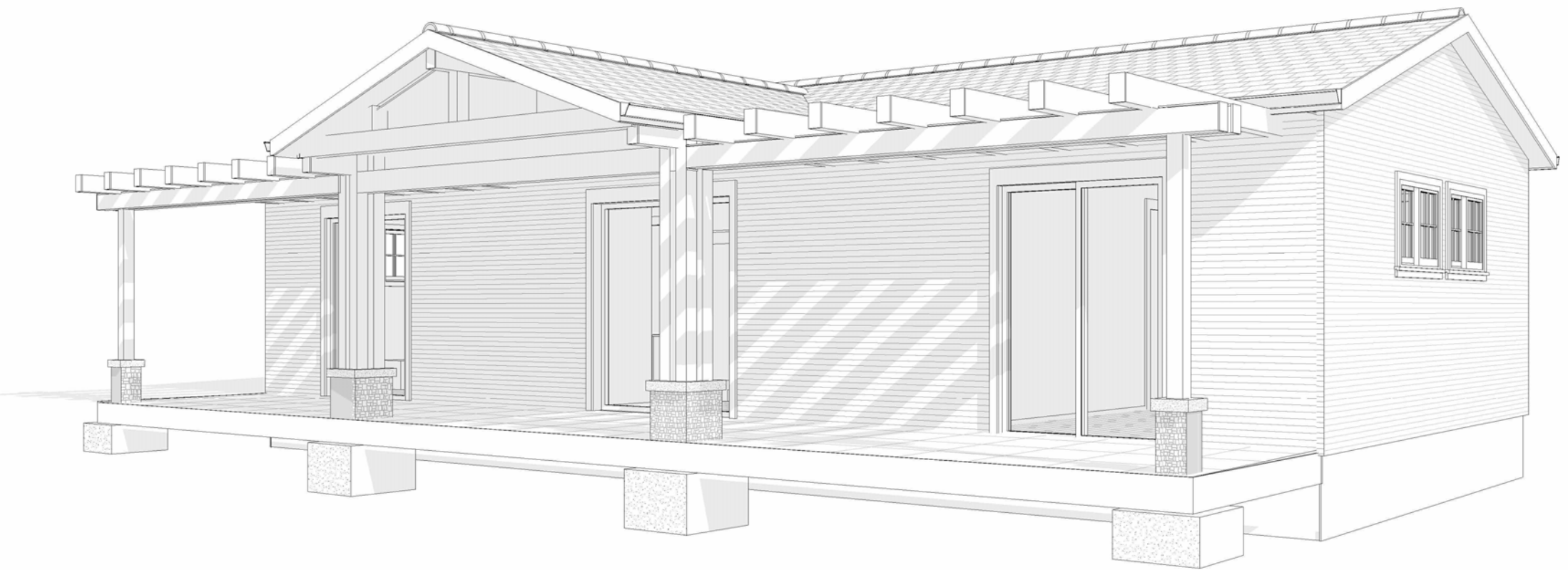
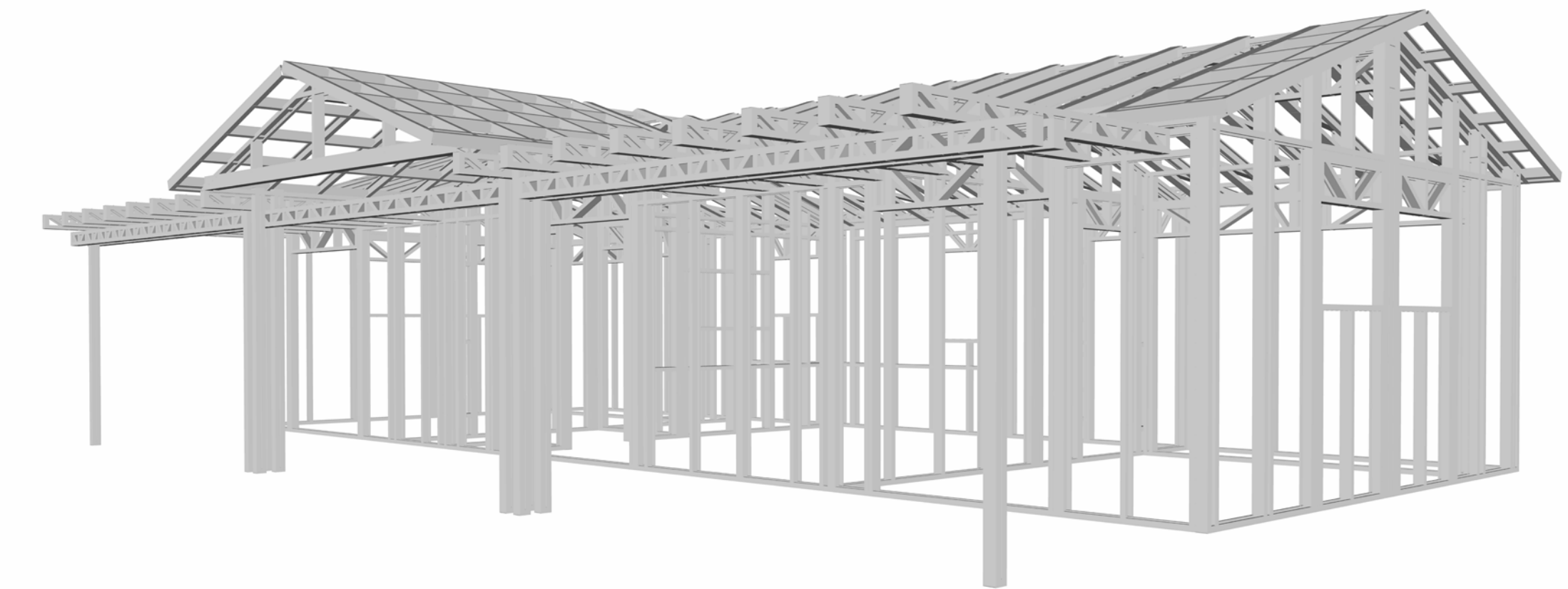
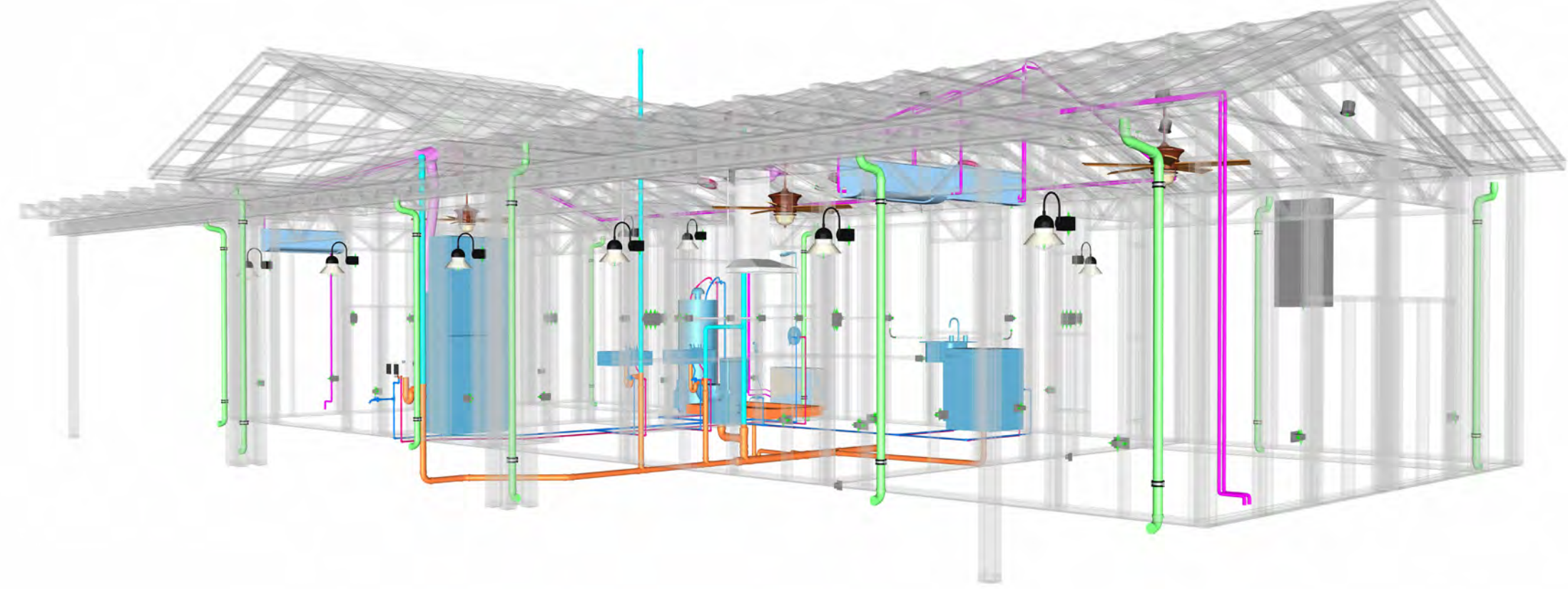


SYMBOLS	SYMBOLS NAME
	CALLOUT HEAD
	INTERIOR ELEVATION
	BUILDING ELEVATION
	SECTION
	DETAIL VIEW
	ELEVATION LEVEL
	SPOT ELEVATION
	FLOOR SLOPE
	ROOF SLOPE
	ROOF SLOPE ELEVATION

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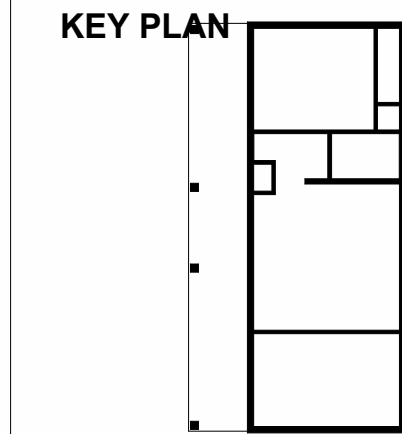
TAG	TAG'S NAME
CA01	CASEWORK TAG
	DOOR TAG
	FURNITURE TAG
	WINDOW TAG
SE01	SPECIALTY EQUIPMENT TAG
ME01	MECHANICAL EQUIPMENT TAG
PE01	PLUMBING EQUIPMENT TAG

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. STD8	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



# 09-Wisdom-749-2Bd/1Ba-Traditional-550

SQUARE FOOTAGE	
LIVING	748 SF
PATIO	250 SF
TOTAL	998 SF



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT  
**09-Wisdom-749-2Bd1Ba Craftsman-550**

DRAWING NAME  
**COVER SHEET**

CLIENT NAME: **Client Name**  
PROJECT NUMBER: **0033\_15**  
DATE: **2/1/2025 7:23:32 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:

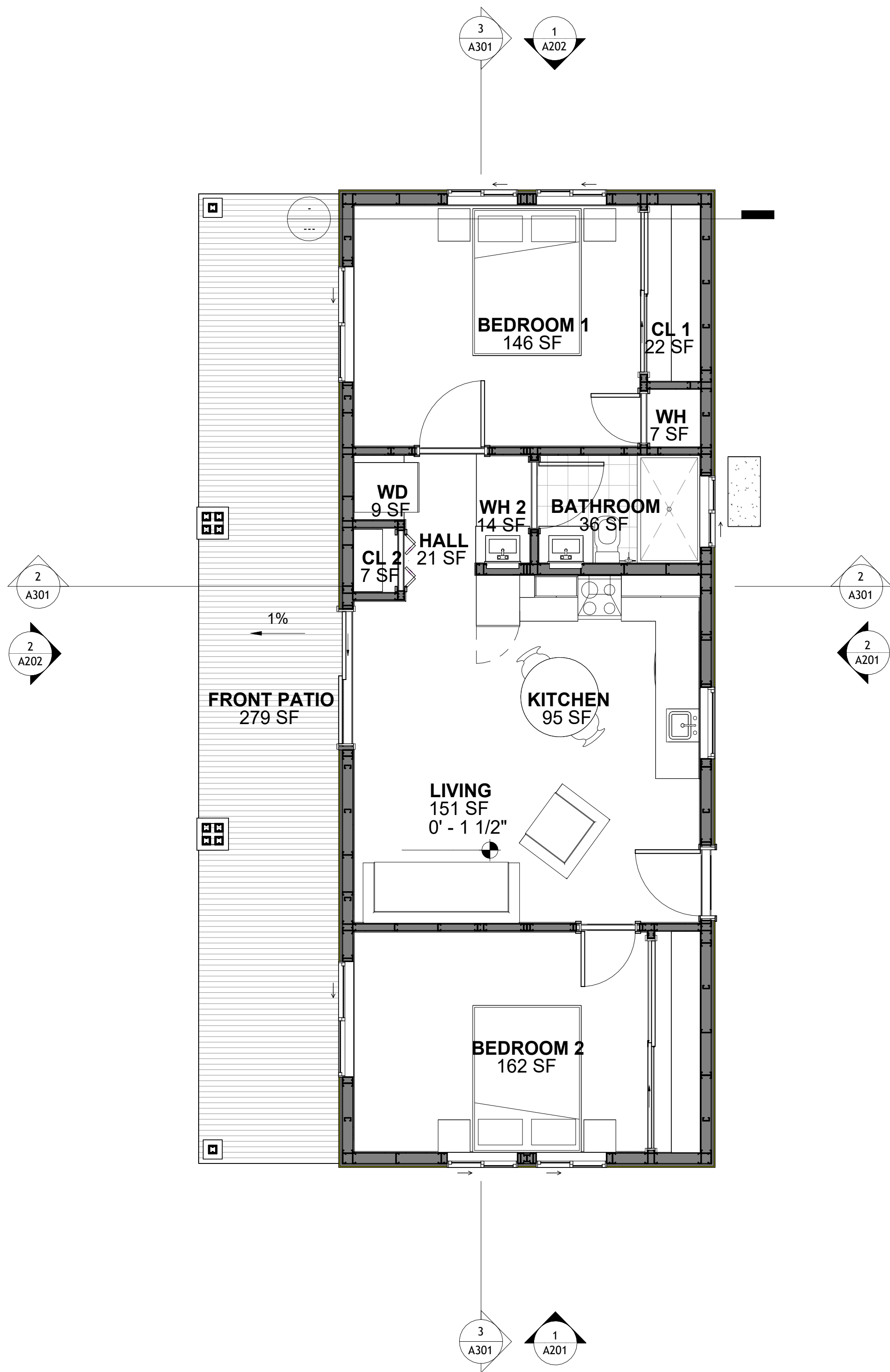
1. THE SPOT ELEVATION INDICATES THE FINISHED FLOOR ELEVATION.
2. FINISHED FLOORS PER PLANS.
3. FIELD VERIFY FOR DIMENSION DROP 4" FOR SHOWER AND BATHTUB USE.
4. 1% SLOPE ON OUTDOOR BALCONIES FOR WATER RUN OFF.
5. 2% SLOPE TOWARDS THE SHOWER DRAIN FOR SUFFICIENT DRAINAGE.
6. 4" DROP AT THE DOOR LEADING 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	KING SIZE BED	2
03	<VARIES>	3
06	COFFE TABLE	1

ROOM FINISH SCHEDULE

ROOM NUMBE R	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COMMENT S
15	BEDROOM 2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
16	KITCHEN	HARDWOOD	CONCRETE	WALL PAINTT + CERAMIC	DRY WALL		
19	LIVING	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
20	BATHROOM	HARDWOOD	CONCRETE	CERAMIC TILE	MRD		
21	BEDROOM 1	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
22	FRONT PATIO	PROCELAIN TILE	CONCRETE	EXTERIOR-GRADE-PLYWOOD	PLYWOOD		
23	WD	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
24	CL 2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
25	HALL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
26	WH 2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
27	WH	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		
28	CL 1	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL		



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

SQUARE FOOTAGE	
LIVING PATIO	748 SF 250 SF
TOTAL	998 SF

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

DRAWING NAME

FLOOR PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 7:23:35 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A101

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

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

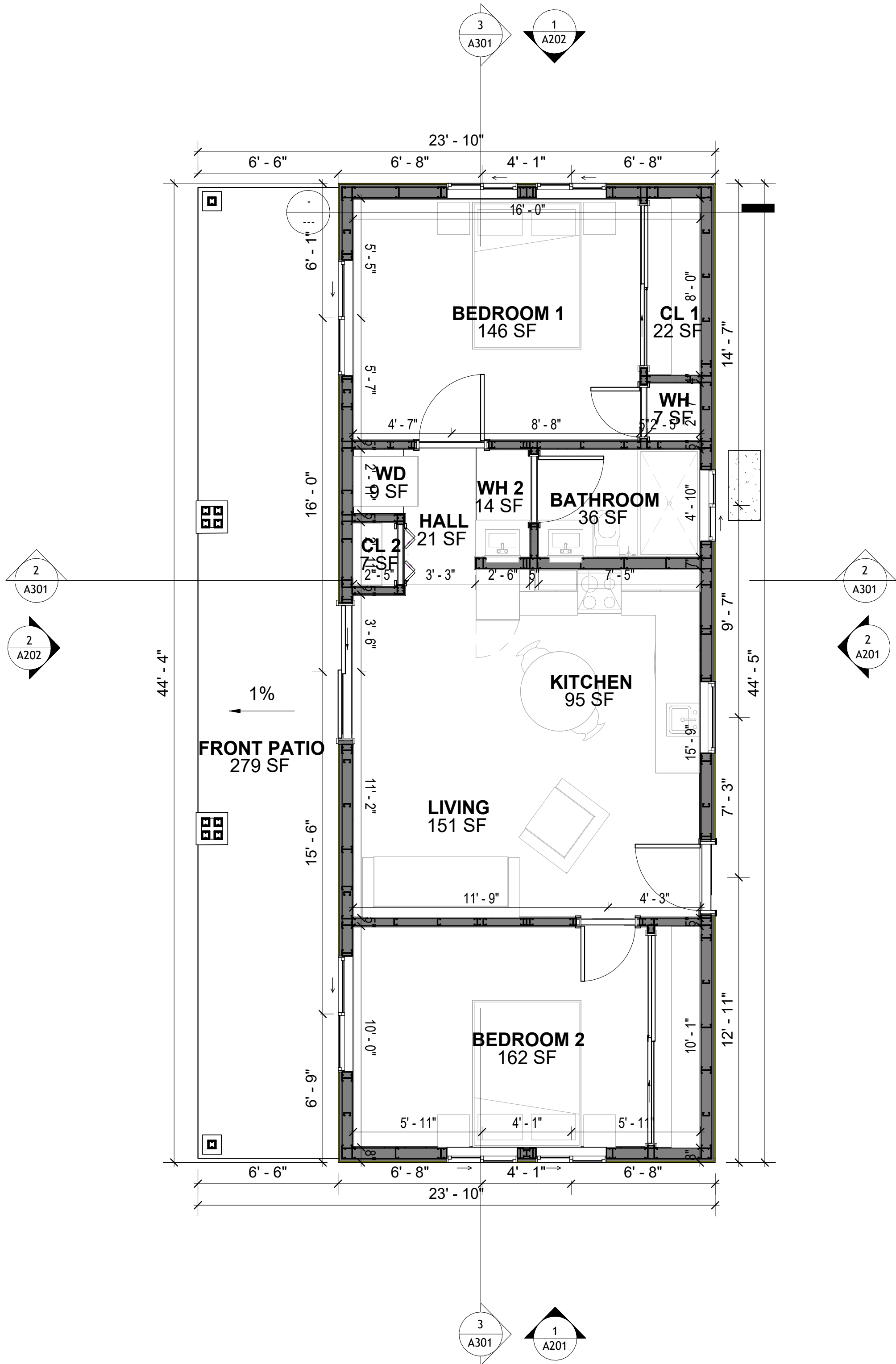
DRAWING NAME

FLOOR DIMENSION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 7:23:37 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

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



1 1ST FLOOR DIMENSION PLAN  
1/4" = 1'-0"

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	748 SF
PATIO	250 SF
TOTAL	998 SF



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.

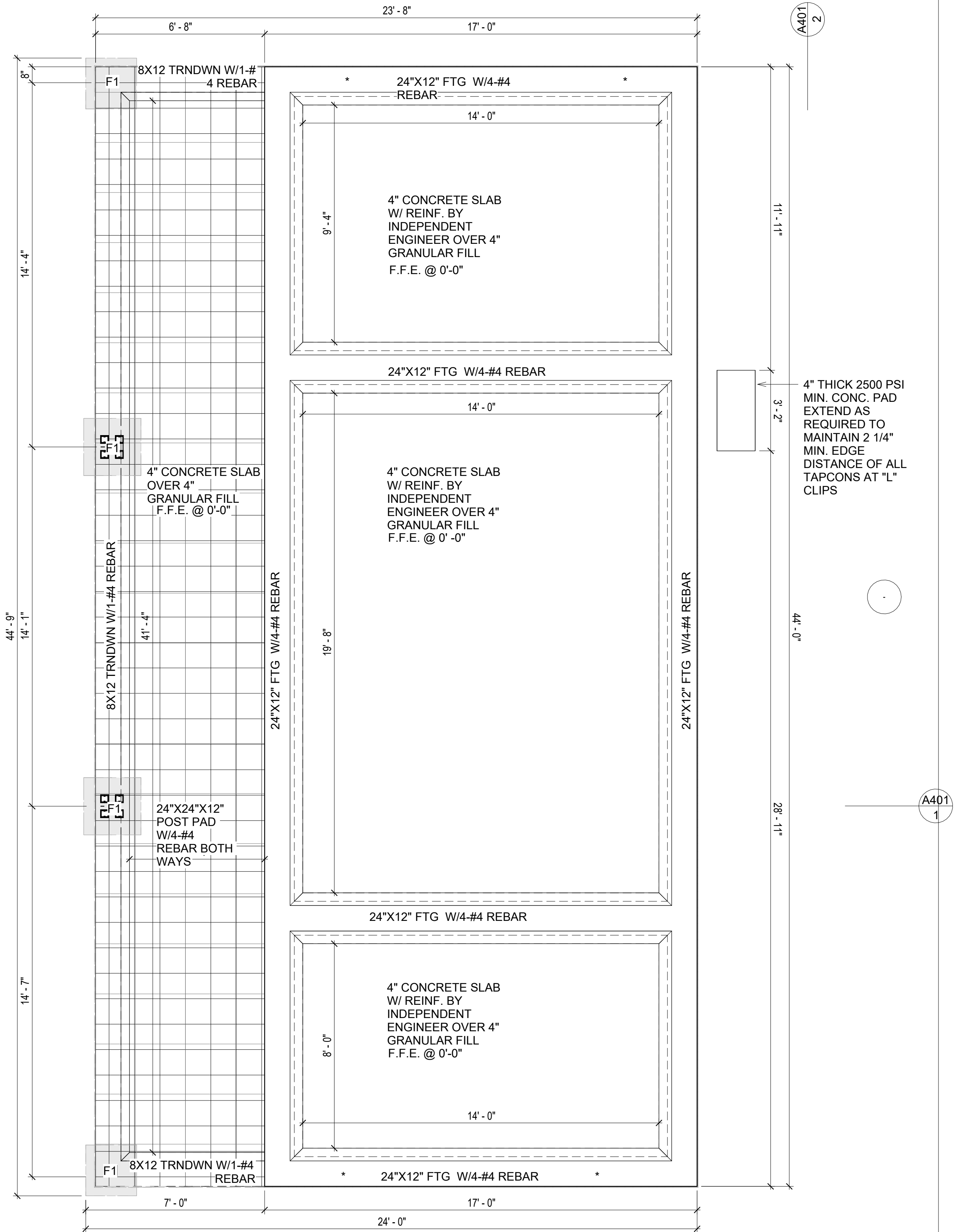
3. **CONCRETE CONSTRUCTION:**  
- THE SLAB SHALL BE UNDERLAIN BY A VAPOR BARRIER/RETARDER IN THE LIVING AREA (TYPICALLY POLYETHYLENE, UNLESS MORE STRINGENT PROTECTION REQUIRED BY THE ARCHITECT, ENGINEER, FLOOR COVERING MANUFACTURER, OR ACCEPTED PRACTICE). UNLESS OTHERWISE REQUIRED, BARRIER MAY BE OMITTED 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	748 SF
PATIO	250 SF
TOTAL	998 SF



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

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

**09-WISDOM-749-2Bd1Ba**  
**CRAFTSMAN-350**

DRAWING NAME

**FOUNDATION PLAN**

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/6/2025 2:36:53 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:

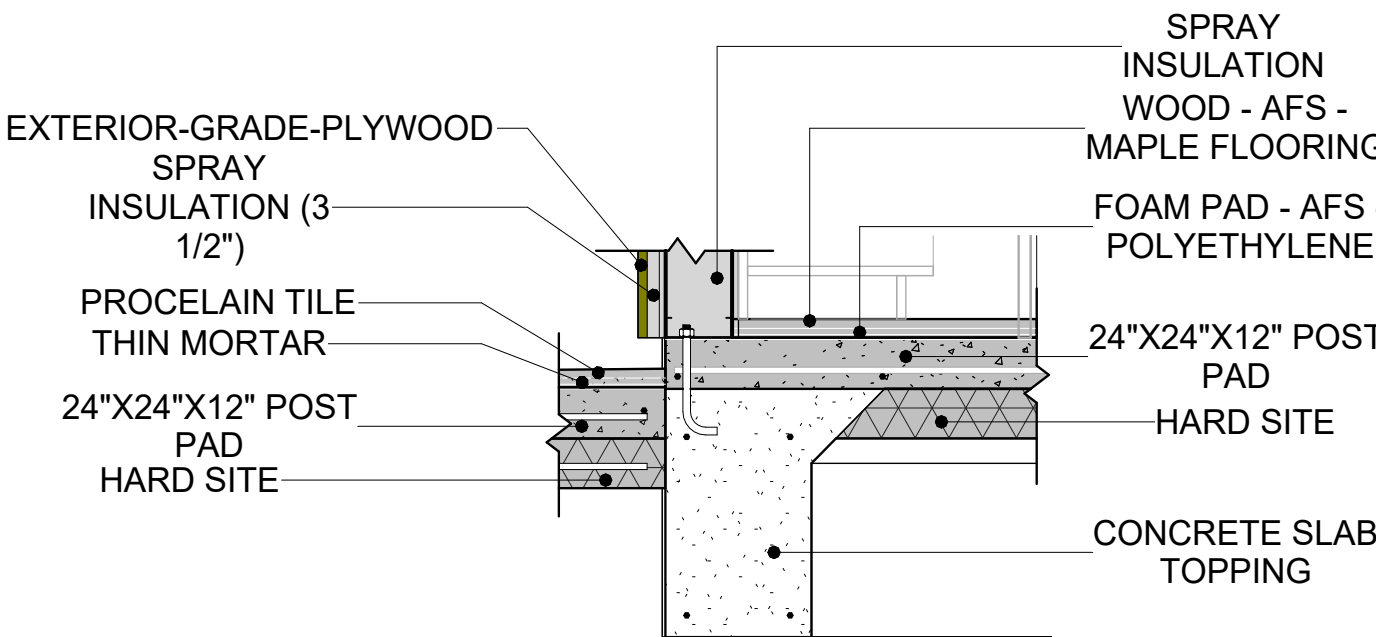
- A) FOOTING = 40,000 PSI  
B) NON-LOAD BEARING WALLS AND PARAPETS= 40,000 PSI

- 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.
- 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.

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

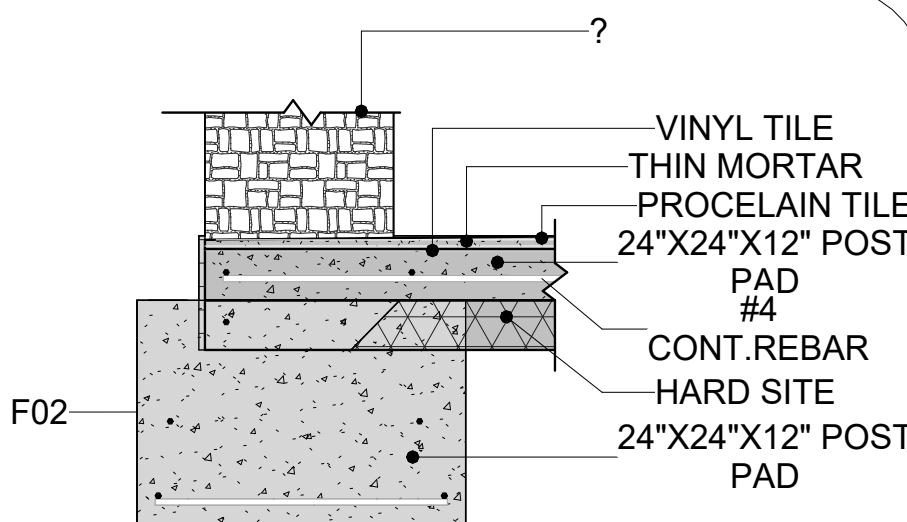


2

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

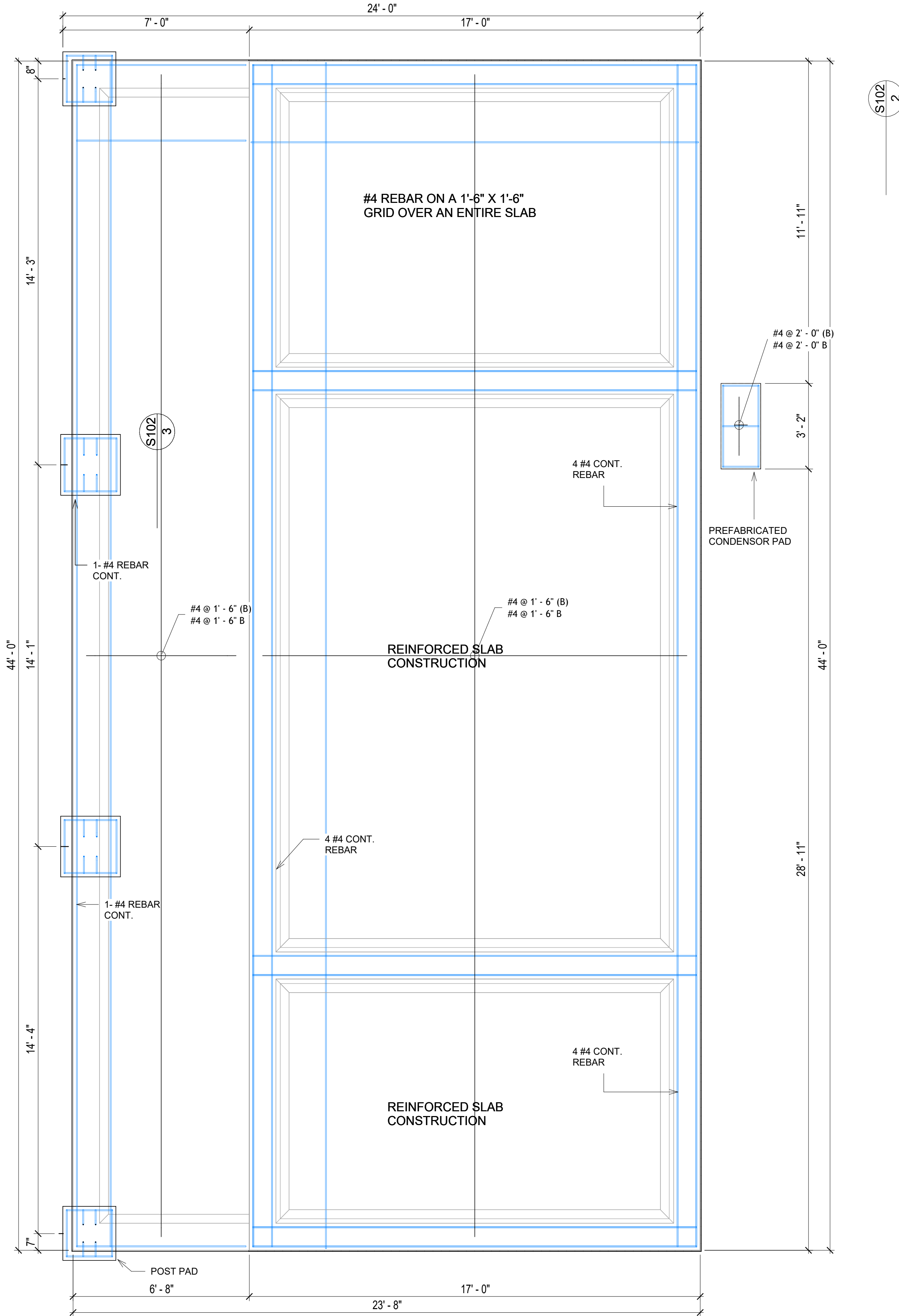
3

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



1

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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

DRAWING NAME

STRUCTURAL FLOOR PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 7:23:39 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

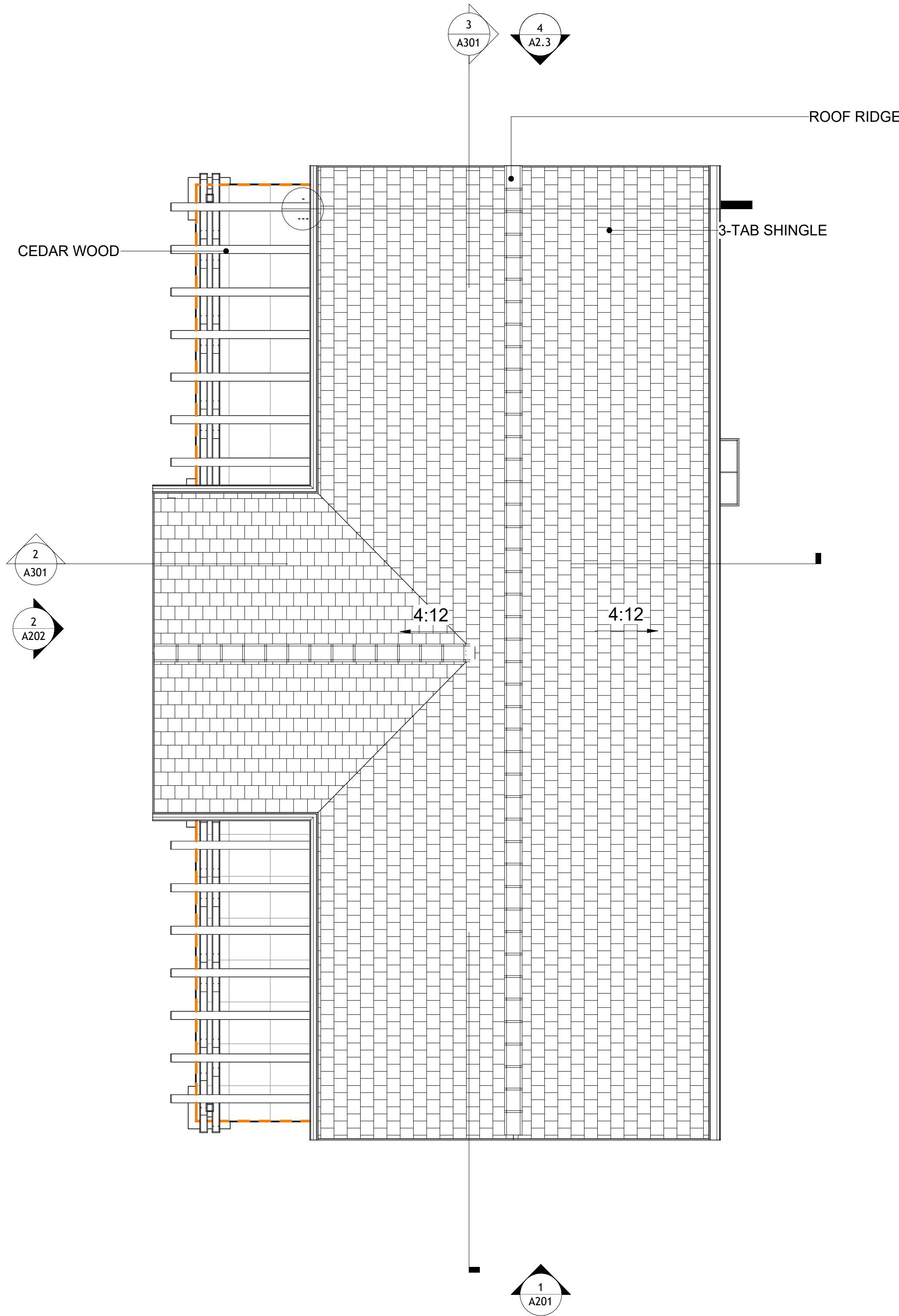
S102

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  
1/4" = 1'-0"

SQUARE FOOTAGE	
LIVING	748 SF
PATIO	250 SF
TOTAL	998 SF

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

DRAWING NAME

ROOF PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 7:23:44 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker



## ABOUT WALL FINISHING

## CORRUGATED IRON SHEET

CORRUGATED IRON IS A FINISHING MATERIAL MADE FROM STEEL THAT HAS BEEN GALVANIZED (COATED WITH A THIN LAYER OF ZINC) TO PROTECT IT FROM CORROSION AND RUST.

IN THIS SPECIFIC PROJECT, THE CORRUGATED IRON SHEETS ARE INSTALLED HORIZONTALLY ON VERTICAL FURRING STRIPS THAT ARE DIRECTLY ATTACHED ONTO THE PROPERLY INSTALLED AND SEALED HOME WRAP, USING SELF-DRILLING SCREWS THAT ARE DRIVEN THROUGH THE RIDGES OR VALLEYS OF THE CORRUGATIONS.

**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 IN PLACE CONCRETE COPPING

**CAST IN PLACE CONCRETE** COPPING IS TYPICALLY MADE FROM A MIXTURE OF CEMENT, AGGREGATES, AND OTHER ADDITIVES. THIS COMPOSITE MATERIAL IS MOLDED AND CURED TO CREATE A DURABLE, STONE-LIKE APPEARANCE AND TEXTURE.

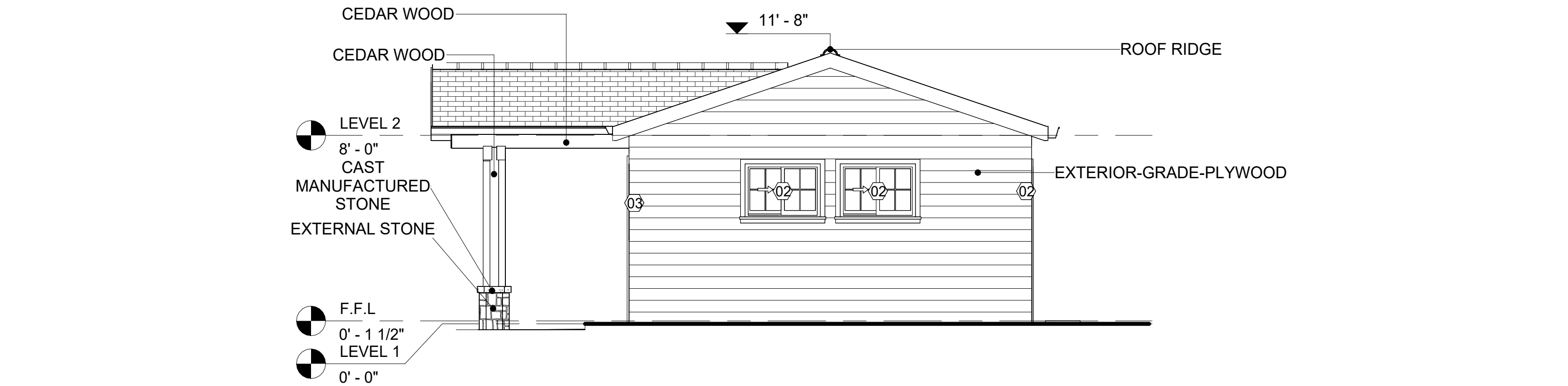
IN THIS PROJECT, THE **CAST IN PLACE CONCRETE COPPING** IS ATTACHED ON TOP OF THE EXTERNAL STONE VENEER WALL OR SURFACE. THE PROCESS OF INSTALLING INVOLVES SURFACE PREPARATION (ENSURE THE STONE WALL OR SURFACE IS CLEAN, DRY, AND FREE OF ANY DEBRIS OR PROTRUSIONS) AND VERIFY THAT THE STONE INSTALLATION IS SECURE AND PROPERLY ADHERED TO THE UNDERLYING SUBSTRATE.)

**CEDAR WOOD**

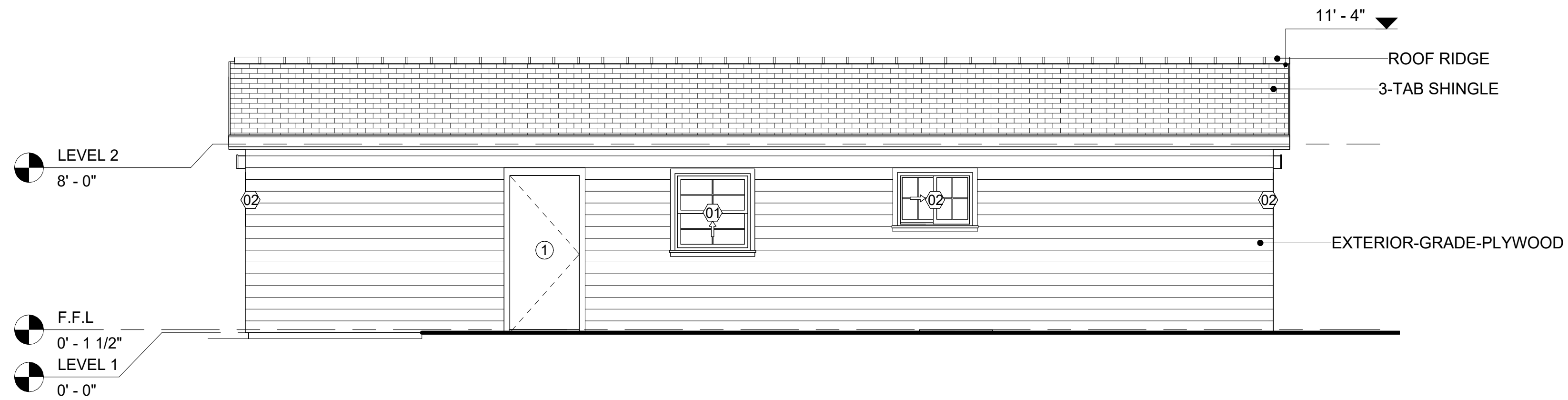
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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

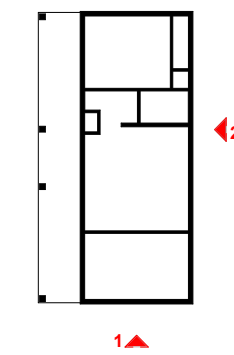


## 2 RIGHT SIDE ELEVATION

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"	3
2	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 6"	6' - 8"	1
3	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	7' - 3"	6' - 8"	1
4	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 3"	6' - 8"	1
5	HOME DEPOT	DOOR-BIFOLD_9052	INTERIOR	2' - 4"	6' - 8"	1
6	HOME DEPOT	PATIO_DOUBLE PANEL_SLIDING	INTERIOR	6' - 0"	6' - 8"	1
22		INTERIOR DOUBLE PANEL SLIDING	INTERIOR	9' - 5"	6' - 8"	1

WINDOW SCHEDULE					
TYPE MARK	SUPPLIER	WINDOW TYPE	SIZE		COUNT
			WIDTH	HEIGHT	
01	HOME DEPOT	SINGLE HUNG	3' - 3"	3' - 3"	1
02	HOME DEPOT	SLIDING	3' - 3"	2' - 3"	5
03	HOME DEPOT	SLIDING	5' - 3"	3' - 3"	2

## KEY PLAN

[illegible]

**NOTE:**

**LEGEND:**

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

DRAWING NAME

## ARCHITECTURAL ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 7:23:48 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

# A201

SCALE: **As indicated**



ABOUT WALL FINISHING

CORRUGATED IRON SHEET

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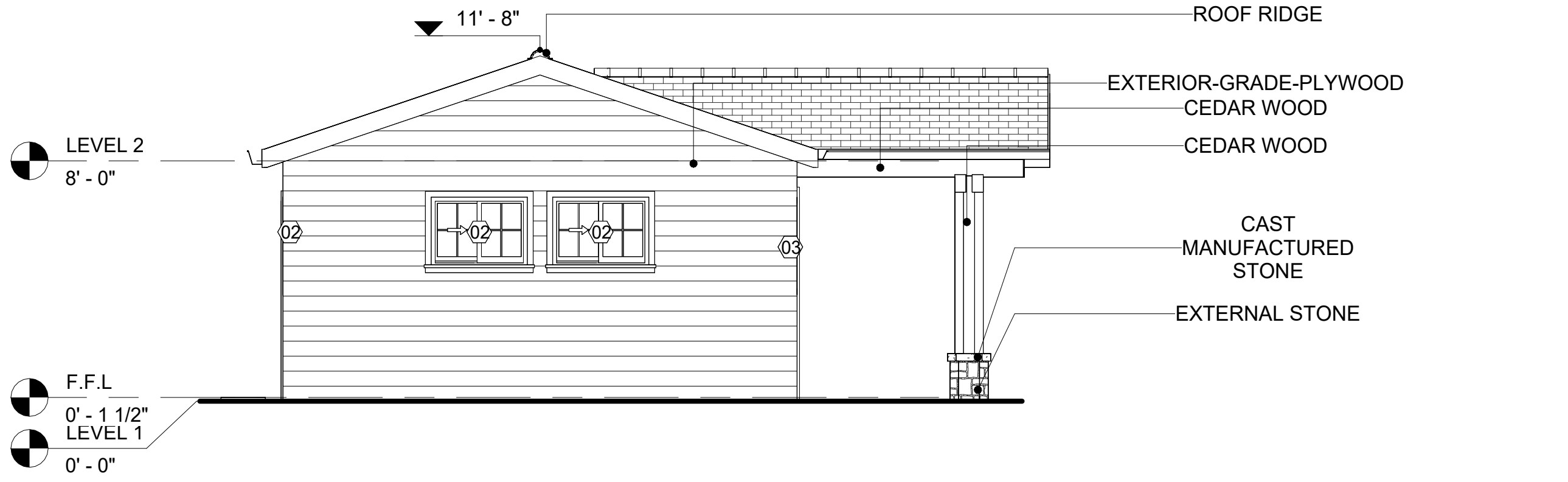
IN THIS PROJECT, THE **CAST IN PLACE CONCRETE** COPPING IS ATTACHED ON TOP OF A EXTERNAL STONE VENEER WALL OR SURFACE. THE PROCESS OF INSTALLING INVOLVES SURFACE PREPARATION (ENSURE THE STONE WALL OR SURFACE IS CLEAN, DRY, AND FREE OF ANY DEBRIS OR PROTRUSIONS AND VERIFY THAT THE STONE INSTALLATION IS SECURE AND PROPERLY ADHERED TO THE UNDERLYING SUBSTRATE.)

CEDAR WOOD

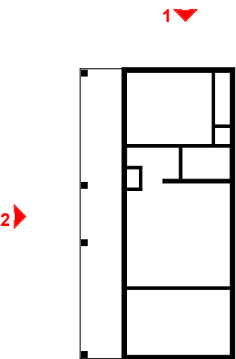
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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, MOISTURE MANAGEMENT, AND AN AESTHETICALLY PLEASING, VERSATILE FRAMING SOLUTION WHEN INTEGRATED WITH CORONADO STONE AND CORRUGATED IRON SHEET CLADDING. 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.



KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 7:23:52 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

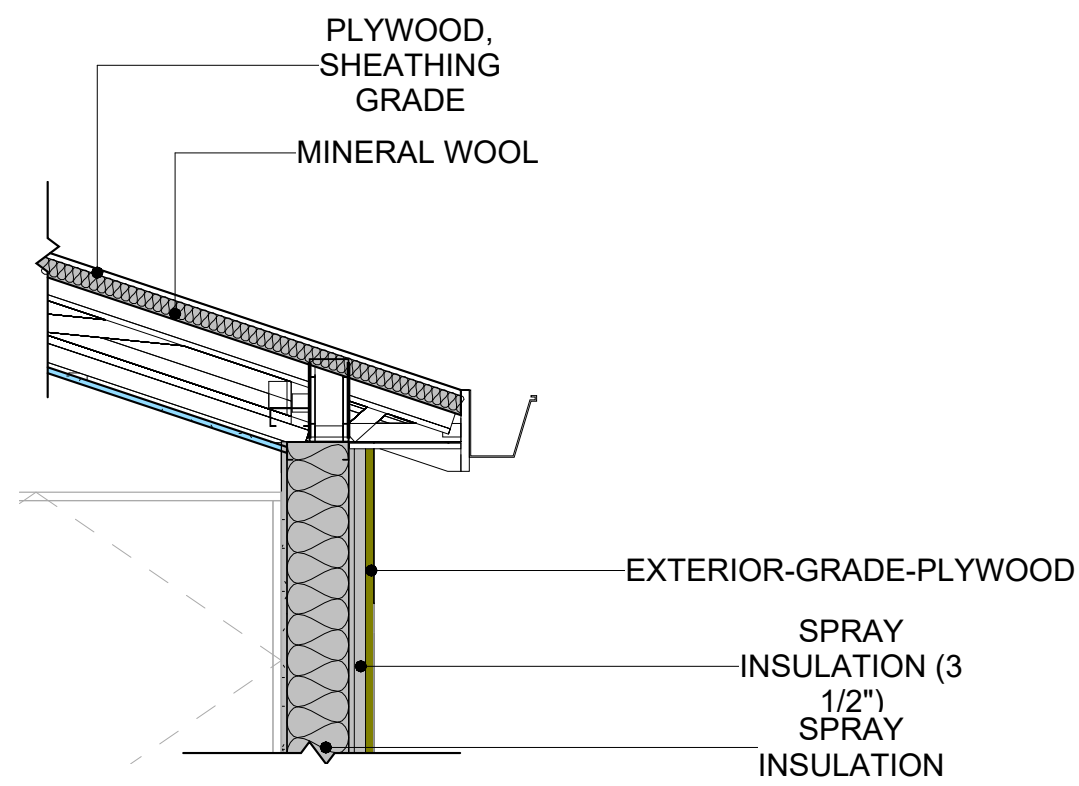
A202

SCALE: As indicated

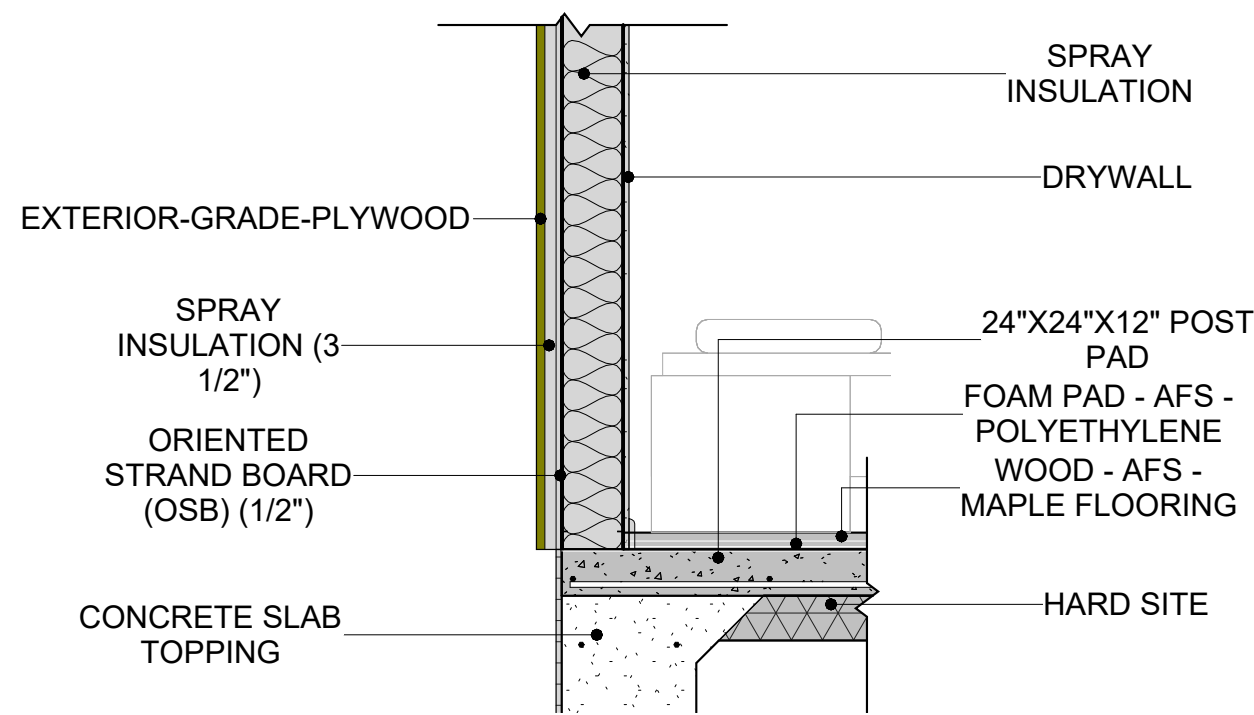




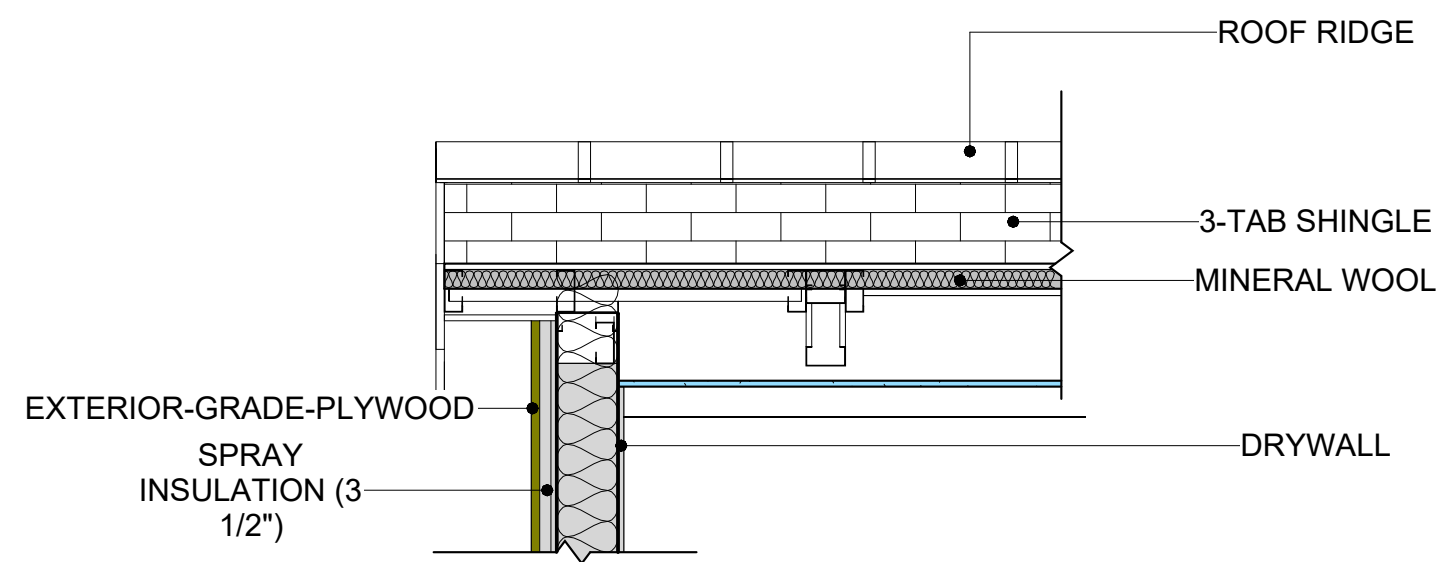




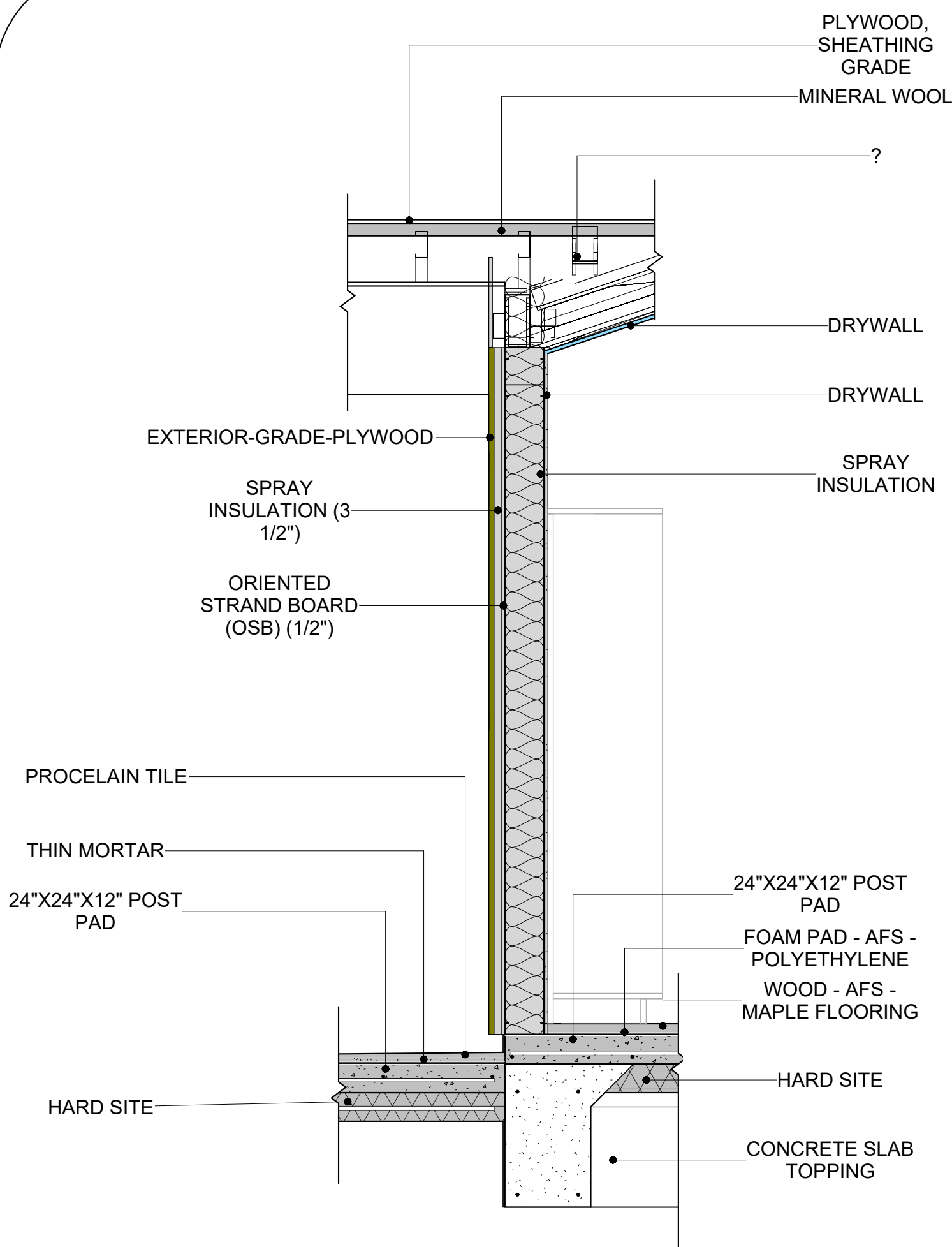
1 TYPICAL WALL FTG  
3/4" = 1'-0"



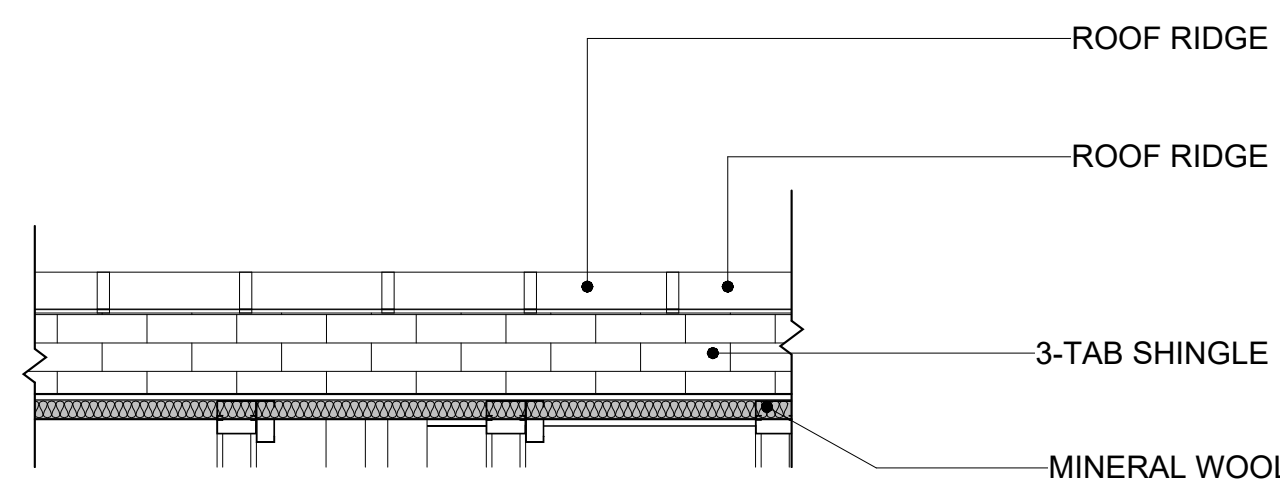
2 TYPICAL WALL FTG2  
3/4" = 1'-0"



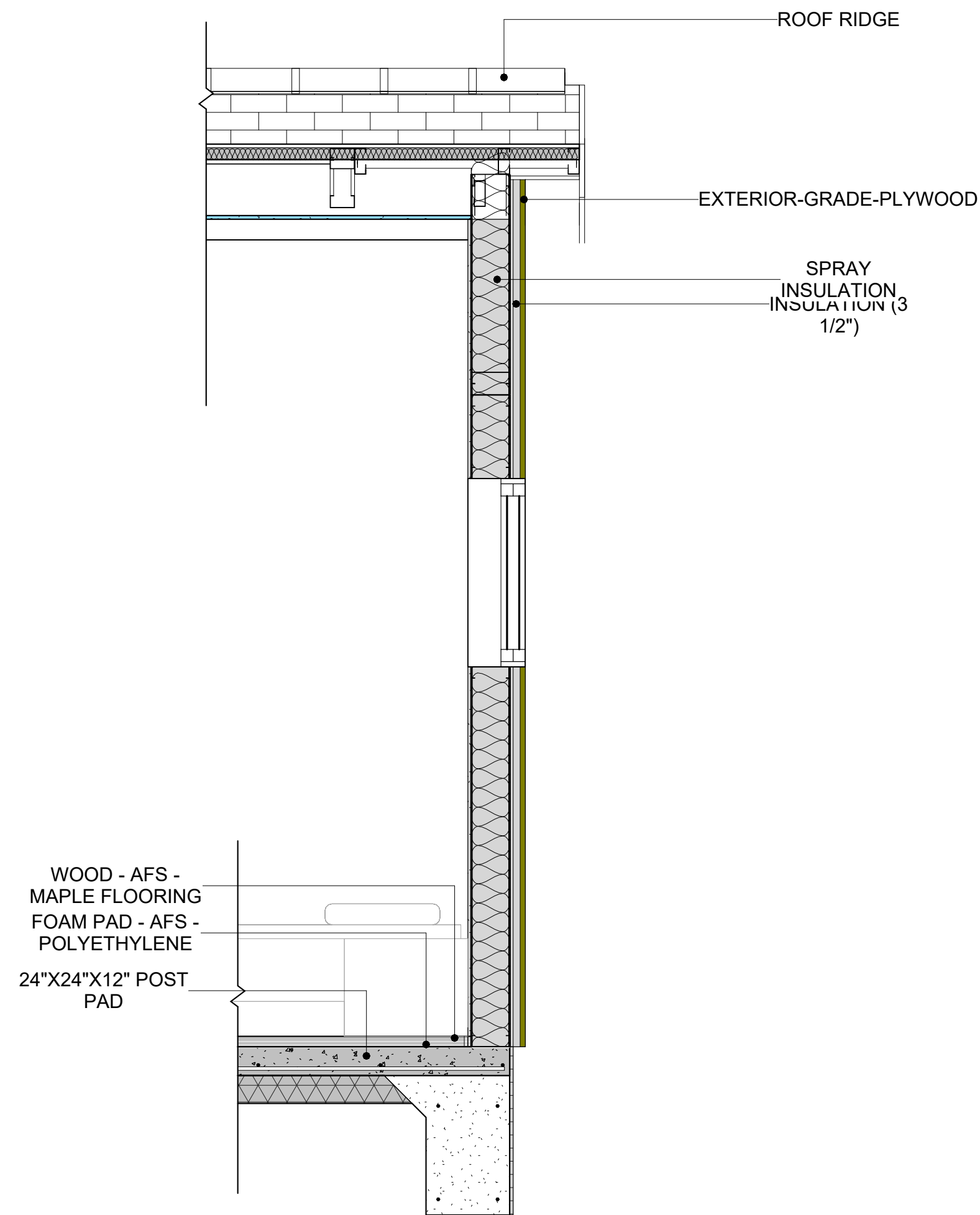
3 ROOF ON WALL  
3/4" = 1'-0"



5 WALL TO FLOOR CONN.  
3/4" = 1'-0"



4 ROOF/TRUSS CONN.  
3/4" = 1'-0"



6 BUILDING SECTION  
3/4" = 1'-0"

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd1Ba  
Craftsman-550

DRAWING NAME

ARCHITECTURAL DETAILS

CLIENT NAME: Client Name  
PROJECT NUMBER: 0033\_15  
DATE: 2/3/2025 3:58:34 PM  
DESIGNED BY: Designer  
DRAWN BY: Author  
CHECKED BY: Checker

A401

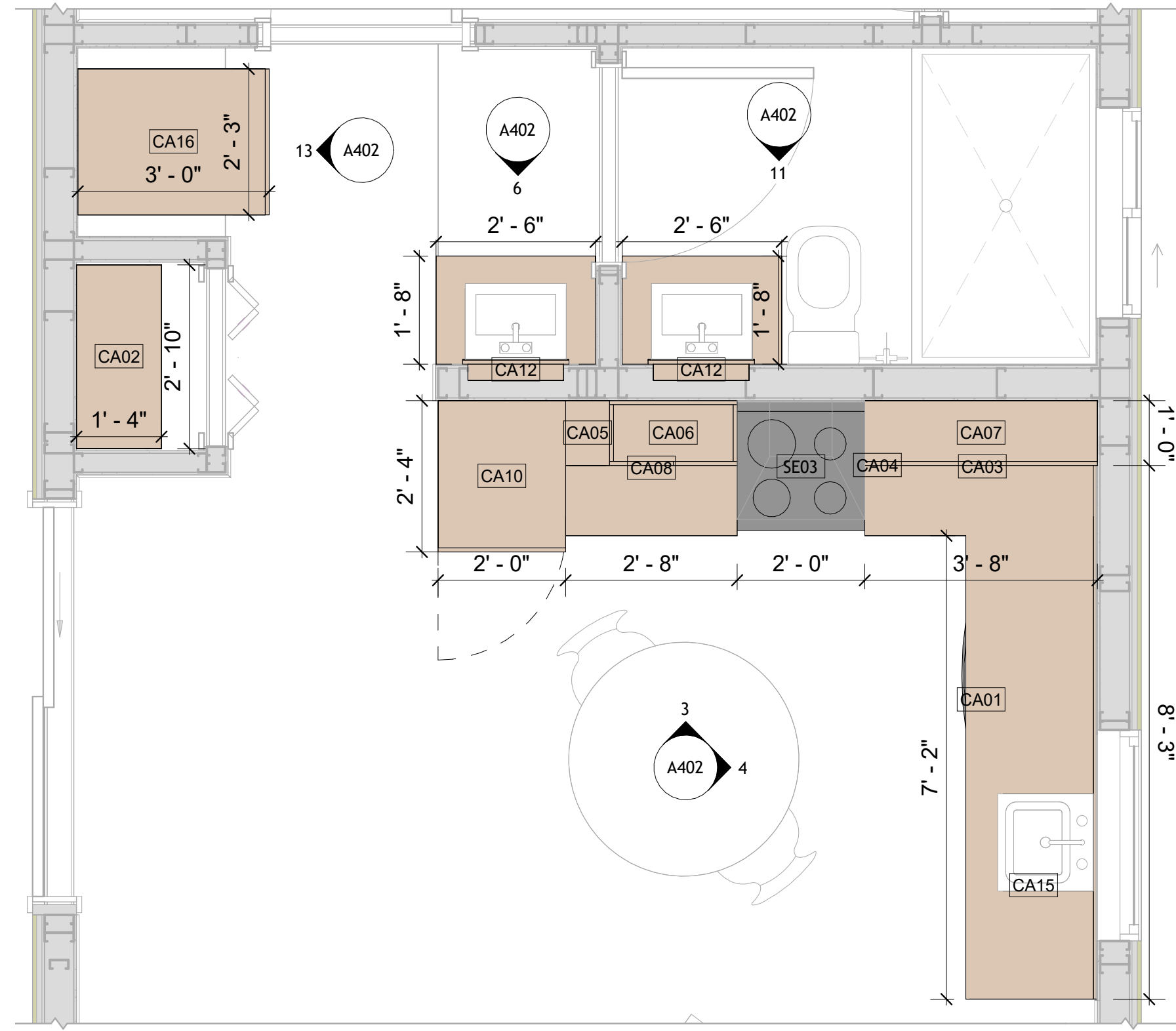
SCALE: 3/4" = 1'-0"



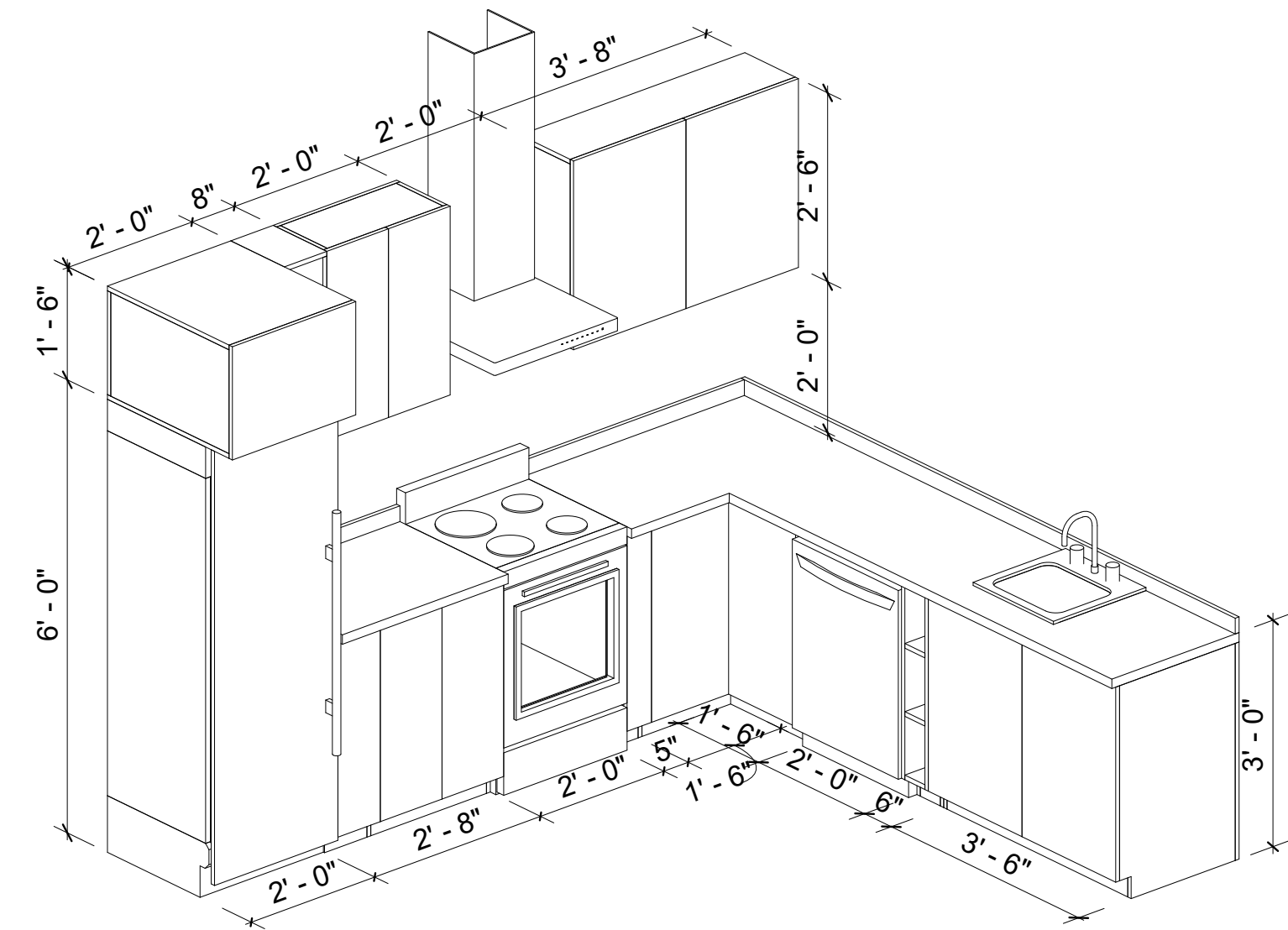
1. ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH.
2. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
3. PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND OTHERWISE NOTED.
4. MANUFACTURER AND CATALOG NUMBERS 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.
6. ALL CABINETS AND DRAWERS TO HAVE CAM LOCKS EXCEPT FOR SINK BASE CABINETS.
7. ALL EXPOSED SURFACES (EXPOSED TO VIEW FROM ANY PERSPECTIVE) TO BE COVERED WITH LAMINATE.
8. 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.
9. ALL CABINETS AND DRAWERS ARE PROVIDED WITH RECESSED HANDLES.
10. CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK FABRICATION.
11. CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT.

TYPE		COUNT	HEIGHT	WIDTH	DEPTH	AREA
01	CLOSET 4	1	6' - 0"	10' - 0 1/2"	1' - 4"	60 SF
02	L-SHAPE COUNTER TOP 2	1	0' - 4"	7' - 0"	7' - 0"	2 SF
03	CLOSET 3	1	6' - 0"	2' - 10"	1' - 4"	17 SF
04	BASE CABINET L-SHAPED	1	2' - 10 1/2"	3' - 3"	3' - 3"	9 SF
05	WALL FILLER	1	2' - 10 1/2"	0' - 4 3/4"	2' - 0"	1 SF
06	WALL FILLER 2	1	2' - 6"	0' - 8 1/4"	1' - 0"	2 SF
07	BASE_CABINET_DOUBLE_DOOR 5	1	2' - 6"	2' - 0"	1' - 0"	5 SF
08	WALL CABINET DOUBLE DOOR 1	1	2' - 6"	3' - 7 3/4"	1' - 0"	9 SF
09	HD_LINEAR_COUNTER_TOP 3	1	0' - 4"	2' - 8 1/4"	2' - 1"	1 SF
10	WALL FILLER 3	1	2' - 10 1/2"	0' - 8 1/4"	2' - 0"	2 SF
11	LAUNDRY OPEN CABINET	1	1' - 6"	2' - 0"	2' - 4"	3 SF
12	VANITY 2	2	2' - 4"	2' - 6"	1' - 8"	6 SF
13	RECESSED_MED_CABINET	2	2' - 0"	1' - 6"	0' - 3"	3 SF
14	BASE_CABINET_DOUBLE_DOOR	1	2' - 7"	2' - 0"	2' - 0"	5 SF
15	CLOSET 2	1	6' - 0"	8' - 0"	1' - 4"	48 SF
16	BASE_CABINET_DOUBLE_DOOR	1	2' - 10 1/2"	3' - 6"	2' - 0"	10 SF
17	LAUNDRY OPEN CABINET 2	1	1' - 2"	2' - 3"	3' - 0"	3 SF
18	HD BASE FILLER 6	1	2' - 6"	0' - 6"	2' - 0"	1 SF
GRAND TOTAL		20				

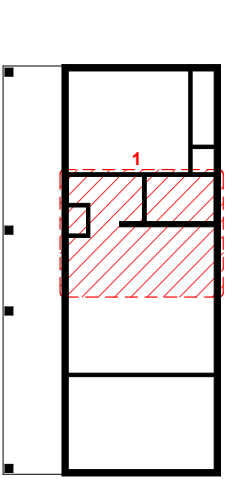
TYPE MARK	TYPE	COUNT
01	WASHER-FRONT-LOAD	1
02	REFRIGERATOR	1
03	RANGE	1
04	<VARIES>	2
GRAND TOTAL: 5		



**1 CASEWORK PLAN**  
1/2" = 1'-0"

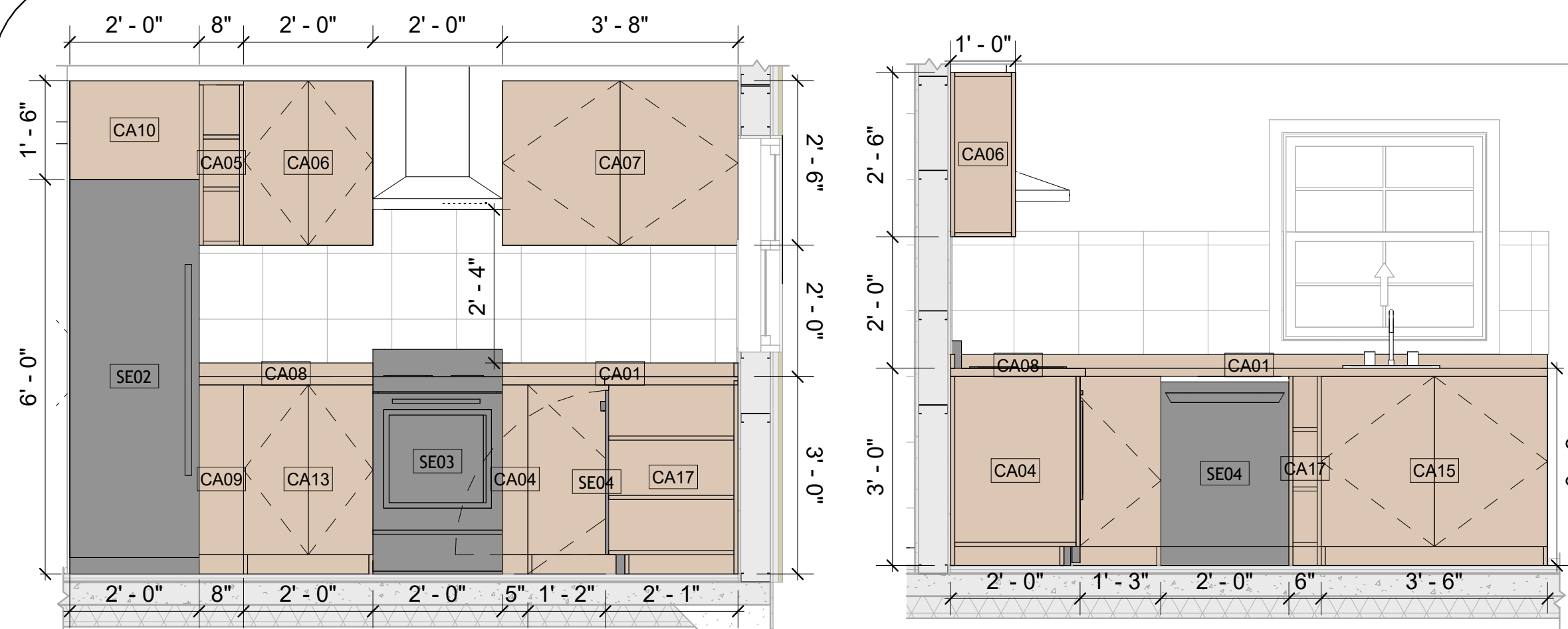


## 2 KITCHEN 3D

[illegible]

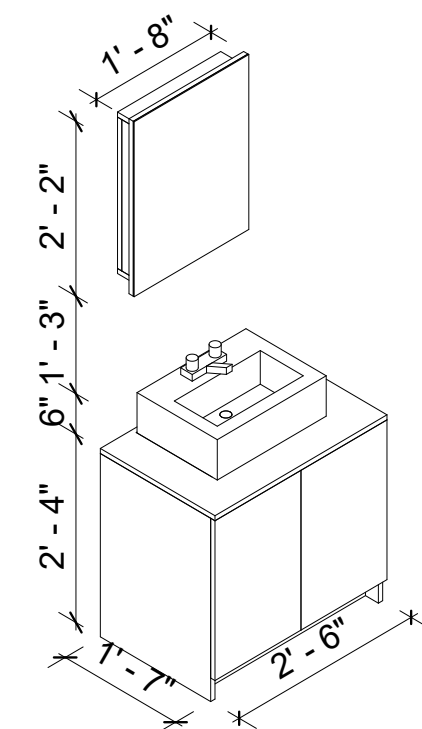
**NOTE:**

**LEGEND:**

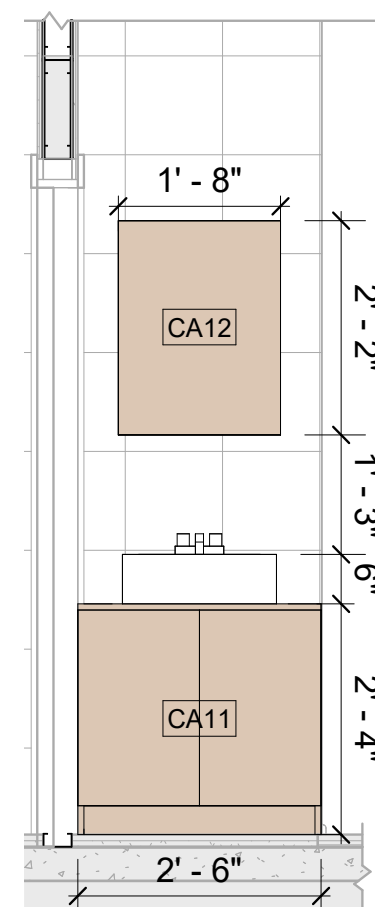


### 3 ELEVATION 1-A

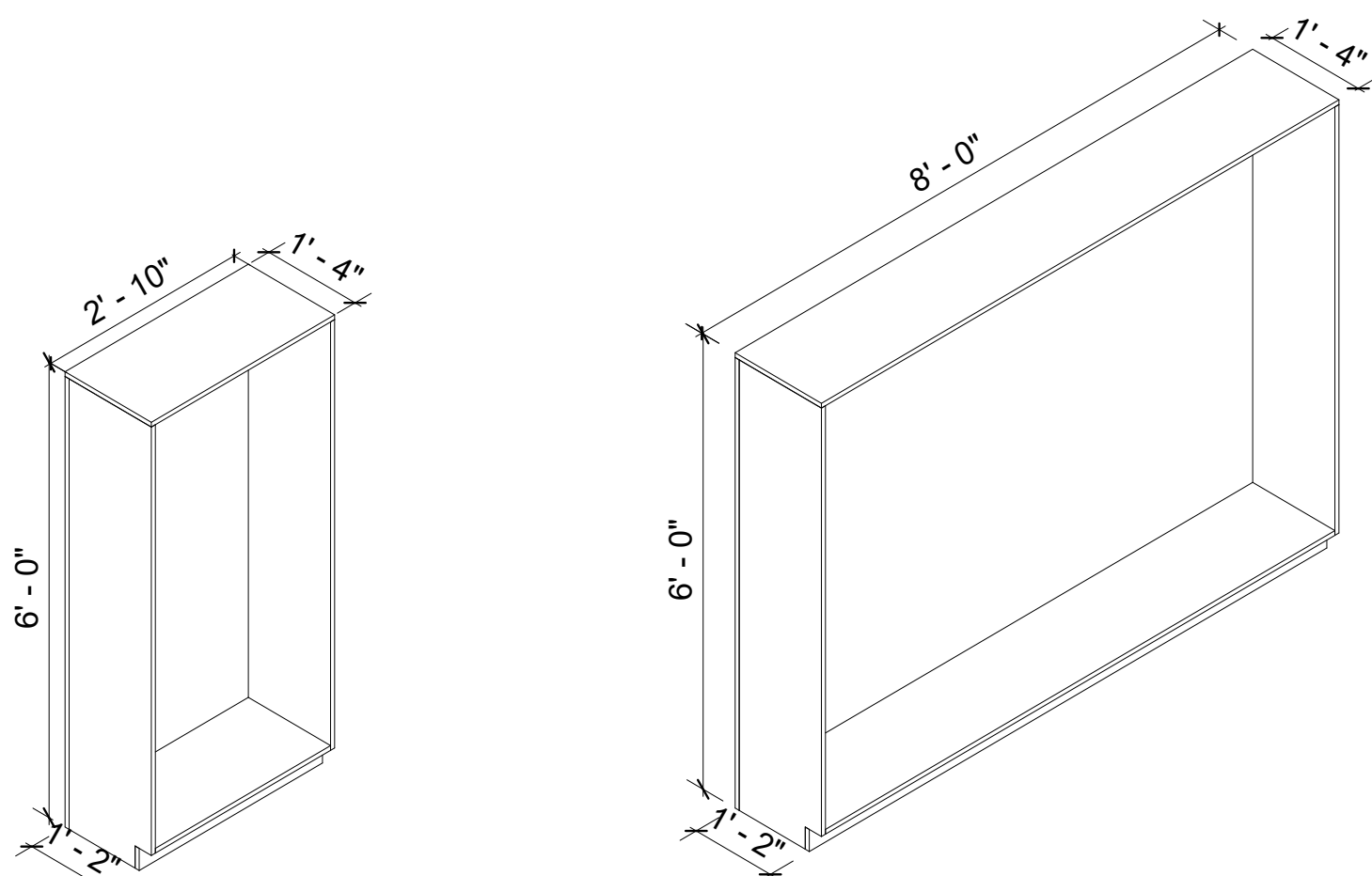
#### 4 ELEVATION 1-B



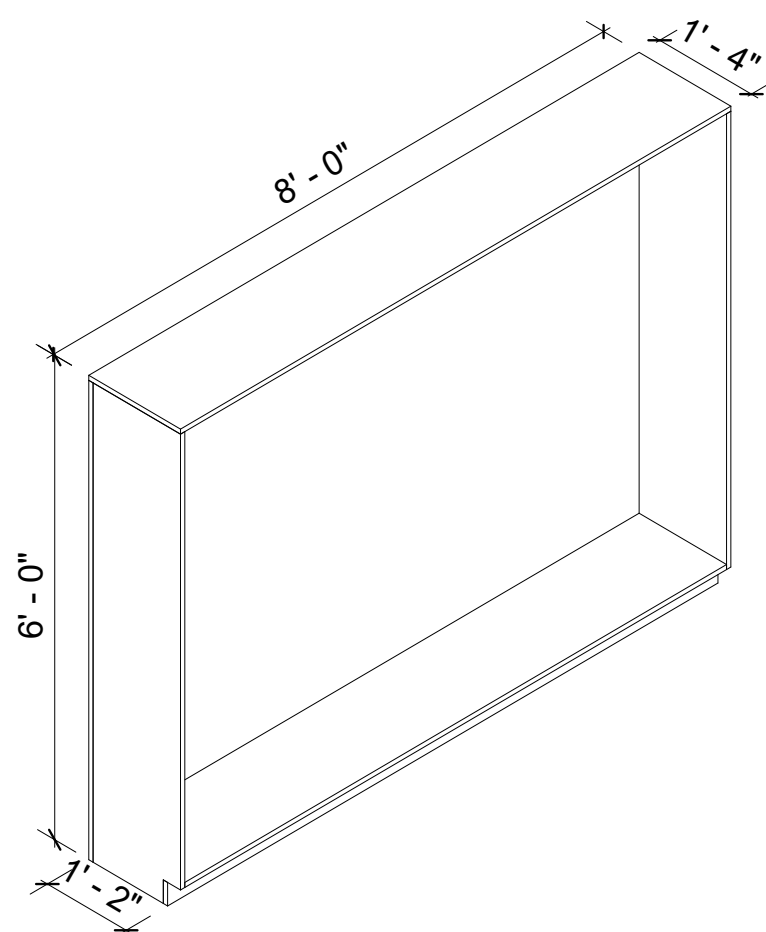
## 5 VANITY 3D



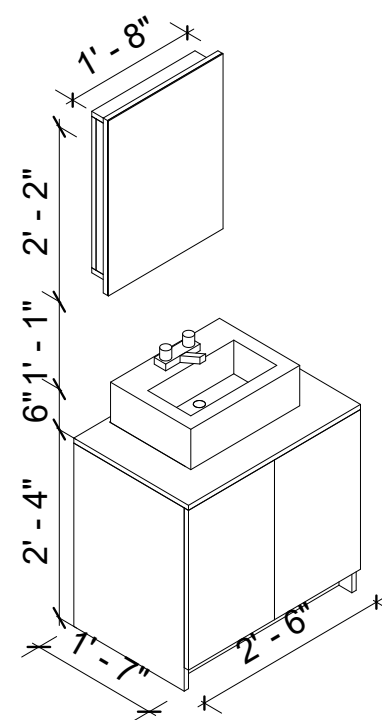
**6 ELEVATION 1-C**  
1/2" = 1'-0"



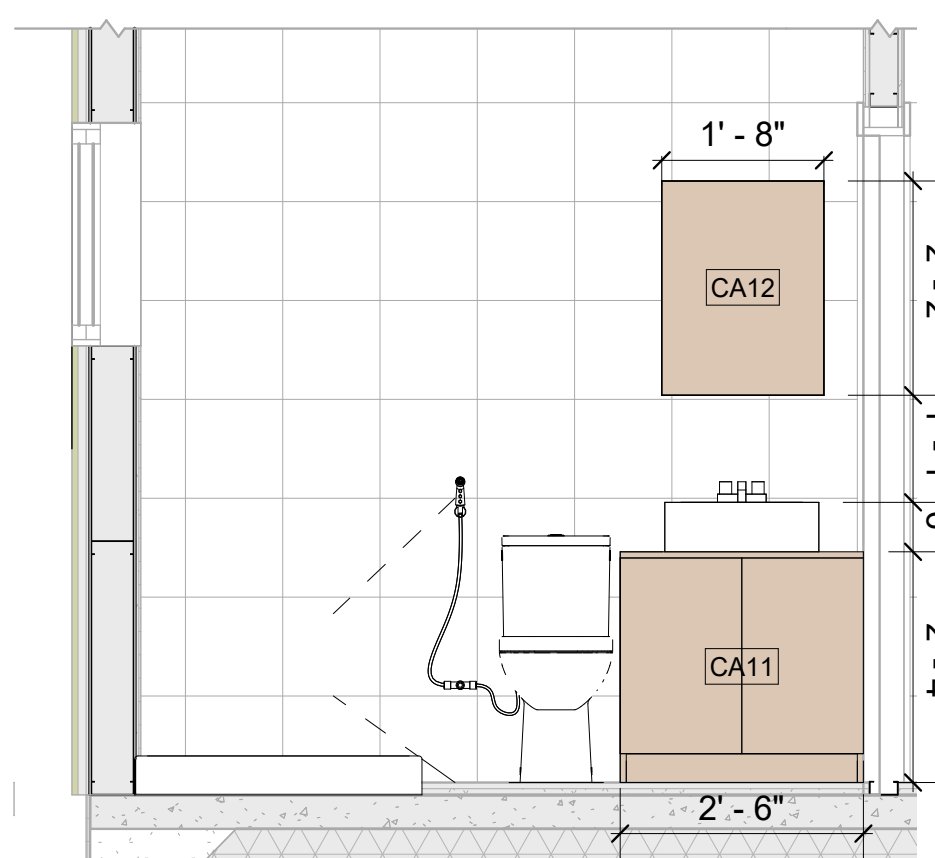
## 7 CLOSET 3D



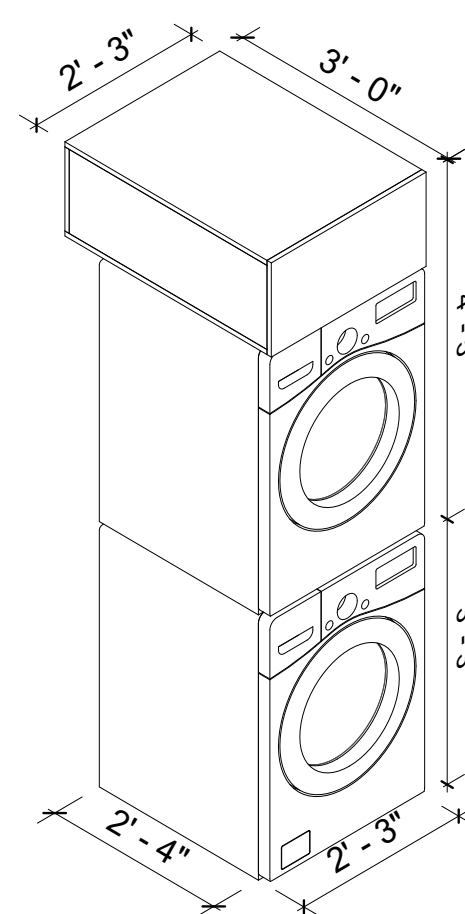
**8 CLOSET 2 3D**



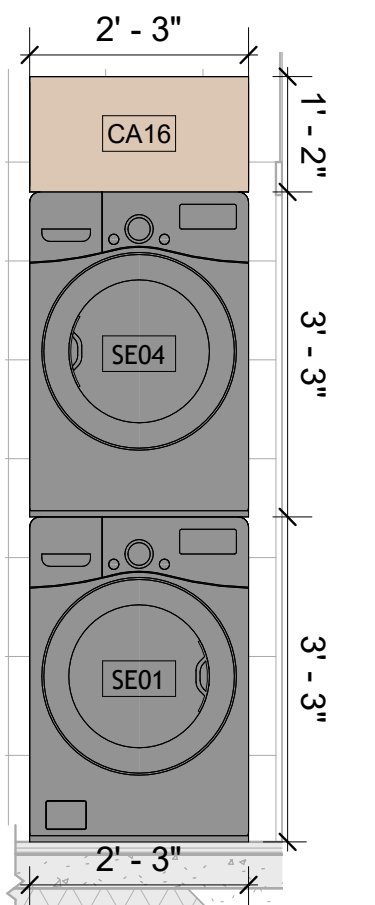
**10 VANITY 2 3D**



**11 ELEVATION 1-D**  
 $1/2" = 1'-0"$



## 12 LAUNDRY 3D



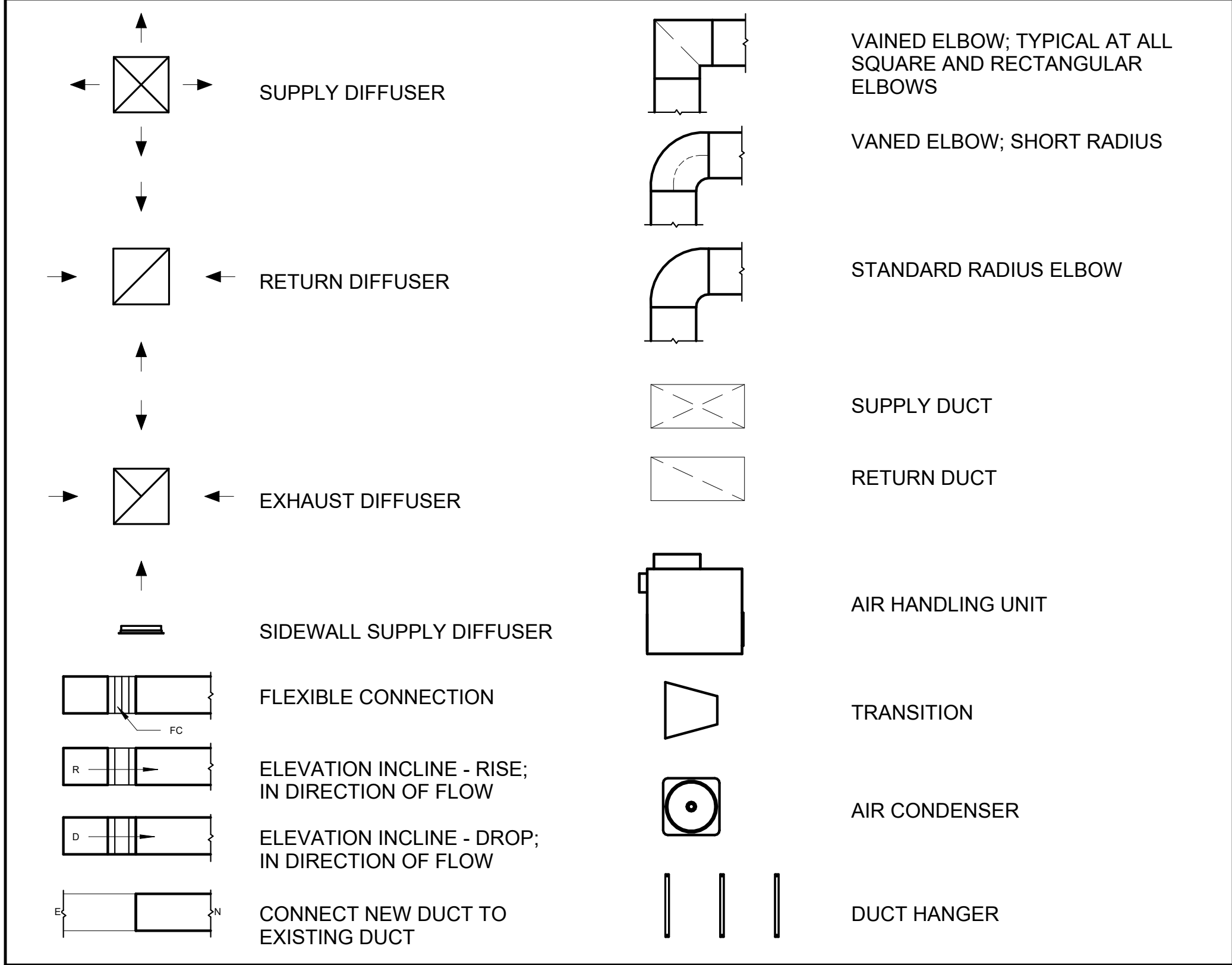
**13 ELEVATION 1-E**  
1/2" = 1'-0"



## GENERAL NOTES

1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR WISDOM\_TM\_C\_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 LATEST EDITION OF 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



## REFRIGERANT LINE SCHEDULE

CATEGORY	DESCRIPTION	DIAMETER	LENGTH
PIPE TYPES	COPPER	1/4"	1.57
PIPE TYPES	COPPER	3/8"	77.73
PIPE TYPES	COPPER	1/2"	1.63
PIPE TYPES	<BY CATEGORY>	5/8"	0.35
PIPE TYPES	COPPER	3/4"	129.41

## REFRIGERANT LINE FITTING SCHEDULE

CATEGORY	DESCRIPTION	Size	Count
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	1/2"ø-1/2"ø	2
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	1/4"ø-1/4"ø	2
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/4"ø-3/4"ø	30
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/8"ø-3/8"ø	16
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	5/8"ø-5/8"ø	2
TEE - GENERIC	TEE - GENERIC: STANDARD	3/4"ø-3/4"ø-3/4"ø	2
TEE - GENERIC	TEE - GENERIC: STANDARD	3/8"ø-3/8"ø-3/8"ø	2
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-1/2"ø	4
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-5/8"ø	3
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/8"ø-1/4"ø	1

## MECHANICAL EQUIPMENT SCHEDULE

CATEGORY	DESCRIPTION	COUNT
AIR HANDLING UNIT	AIR HANDLING UNIT: WALL MOUNTED	3
CONDENSER	CONDENSER: AOTH18KNTA	1
EXHAUST FAN	EXHAUST FAN: 75 CFM	1
	HOOD-WALL2: VENT 2	1

## DUCT FITTING SCHEDULE

CATEGORY	DESCRIPTION	COUNT
ROUND TRANSITION - ANGLE	45 DEGREE	4

## DUCT ACCESSORY SCHEDULE

CATAGORY	DESCRIPTION	COUNT
ROOF VENT	3" DIAMETER	3

## FLEX DUCT SCHEDULE

DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT
FLEX DUCT ROUND	FLEX-ROUND	9.73	4"	3
GRAND TOTAL: 3		9.73		

## HVAC COLOR SCHEME

## AIR CONDITIONING PIPE LINE



Tucson, AZ, USA  
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inquire@frameupnow.com  
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## KEY PLAN

[illegible]

**NOTE:**

**LEGEND:**

PROJECT

**09-Wisdom-749-2Bd1Ba**  
**Craftsman-550**

DRAWING NAME

## HVAC PLAN

CLIENT NAME:	Owner
PROJECT NUMBER:	15_0001
DATE:	1/30/2025 11:19:43 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

# M101

SCALE: **As indicated**



ELECTRICAL NOTES

1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 09\_Wisdom\_749\_2Bd1Ba\_Craftsman\_350. 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	749 @ 3W	2,249 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		3,000 W
TOTAL		25,549 W
FRIST 10,000 @ 100%		10,000 W
REMAINDER @ 40%		6,219 W
MINI. SPLIT UNITS		2880 W
TOTAL		19,099 W
19,099 W DIVIDED BY 240V = 80 AMPS TOTAL		
(USE 200 AMP SERVICE)		

ELECTRICAL ABBREVIATIONS LIST

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

Branch Panel:															
Location: BEDROOM 15						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	CONDENSER	1	60 A	35' - 4 11/32"	2-#6, 1-#6, 1-#10	750 VA	750 VA			2-#10, 1-#10, 1-#10	36' - 1 1/16"	30 A	1	WATER HEATER	2
3	--	--	--	--	--			750 VA	750 VA	--	--	--	--	--	4
5	BATH ROOM UNITS	6	20 A	37' - 11 5/16"	1-#12, 1-#12, 1-#12	613 VA	720 VA			1-#12, 1-#12, 1-#12	60' - 3 15/32"	20 A	4	BED ROOM 1 RECEPTACLES	6
7	OUT DOOR GFCI RECEPTACLES	3	20 A	49' - 11 3/8"	1-#12, 1-#12, 1-#12			540 VA	720 VA	1-#12, 1-#12, 1-#12	44' - 4 1/32"	20 A	4	LIVING ROOM RECEPTACLES	8
9	REFRIGERATOR	1	20 A	38' - 10 15/32"	1-#12, 1-#12, 1-#12	1500 VA	1200 VA			1-#10, 1-#10, 1-#10	25' - 2 29/32"	30 A	1	DISH WASHER	10
11	KITCHEN GFCI	6	20 A	35' - 9 11/16"	1-#12, 1-#12, 1-#12			1080 VA	750 VA	2-#8, 1-#8, 1-#10	33' - 11 9/16"	50 A	1	RANGE	12
13	BED ROOM 2 LIGHT UNITS & SMOKE...	7	20 A	21' - 3 3/16"	1-#12, 1-#12, 1-#12	568 VA	750 VA			--	--	--	--	--	14
15	LIVING ROOM & KITCHEN LIGHT UNITS	8	20 A	31' - 8 31/32"	1-#12, 1-#12, 1-#12			388 VA	688 VA	1-#12, 1-#12, 1-#12	52' - 4 31/32"	20 A	9	BED ROOM 1 LIGHT UNITS AND SMOKE...	16
17	BED ROOM 2 RECEPTACLES	5	20 A	31' - 9 11/16"	1-#12, 1-#12, 1-#12	900 VA	700 VA			1-#12, 1-#12, 1-#12	58' - 2 9/16"	20 A	7	OUT DOOR LIGHT UNITS	18
19	DRYER	1	30 A	48' - 3 7/16"	2-#10, 1-#10, 1-#10			750 VA	1200 VA	1-#12, 1-#12, 1-#12	49' - 7 1/16"	20 A	1	WASHER GFCI	20
21	--	--	--	--	--	750 VA									22
23															24
25															26
						9167 VA		7614 VA							
						76 A		63 A							
Legend:															
Load Classification					Connected Load		Demand Factor		Estimated Demand		Panel Totals				
Lighting - Dwelling Unit					900 VA		100.00%		900 VA						
Other					1416 VA		100.00%		1416 VA		Total Conn. Load: 16780 VA				
Receptacle					14220 VA		85.16%		12110 VA		Total Est. Demand: 14671 VA				
Lighting					300 VA		100.00%		300 VA		Total Conn.: 70 A				
											Total Est. Demand: 61 A				
Notes:															



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-WISDOM-749-2Bd1Ba  
CRAFTSMAN-350

DRAWING NAME

SCHEDULE

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	1/30/2025 5:08:40 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E101

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



ELECTRICAL NOTE

- 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 RECEPTACLES 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 RECEPTACLES 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 RECEPTICLES.

NOTE:

- 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.

NOTE: APPLIANCE DISCONNECT

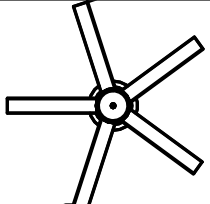













E4001.5 GROUNDING OF ENCLOSURES.

METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS SHALL BE CONNECTED TO AN EQUIPMENT GROUNDING CONDUCTOR.

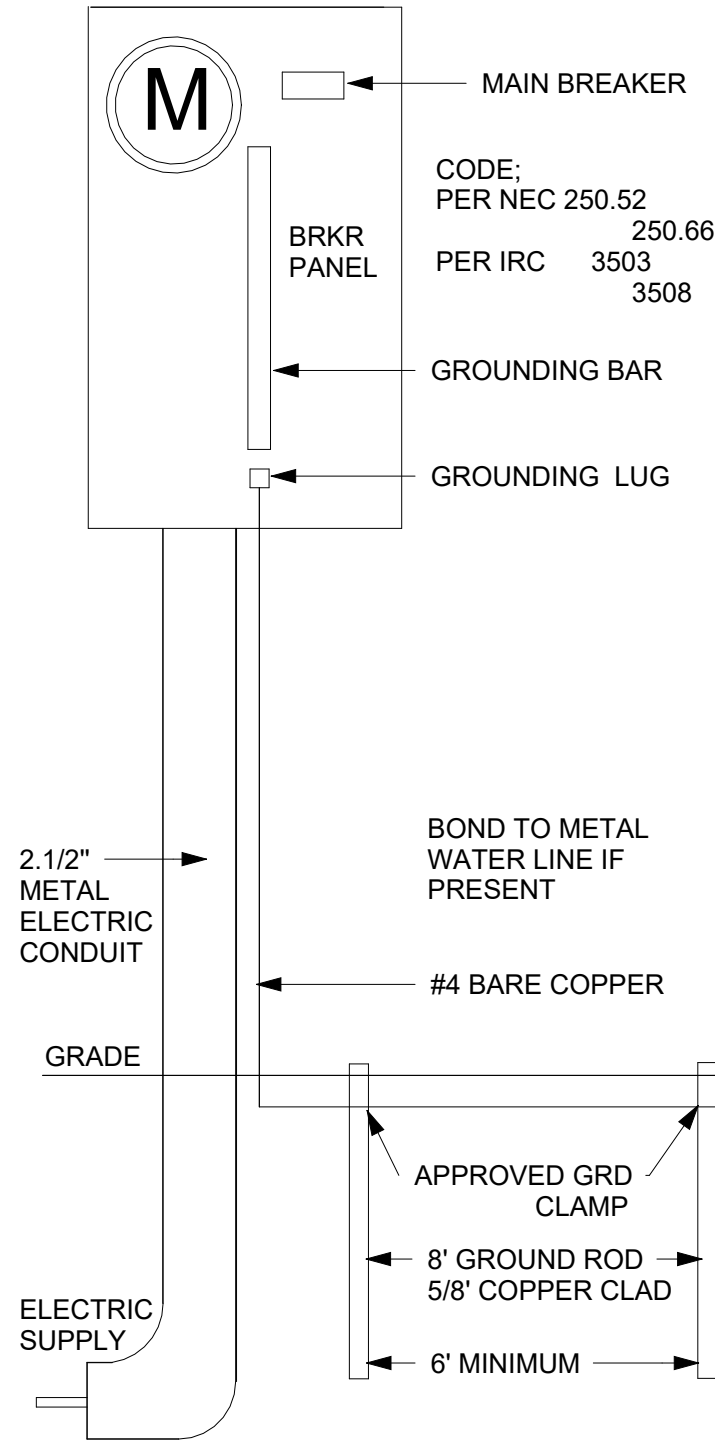
METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS USED AS SERVICE EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION E3609.4. WHERE NONMETALLIC ENCLOSURES ARE USED WITH METAL RACEWAYS OR METAL-ARMORED CABLES, PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING CONDUCTOR.

NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)

ELECTRICAL LEGEND

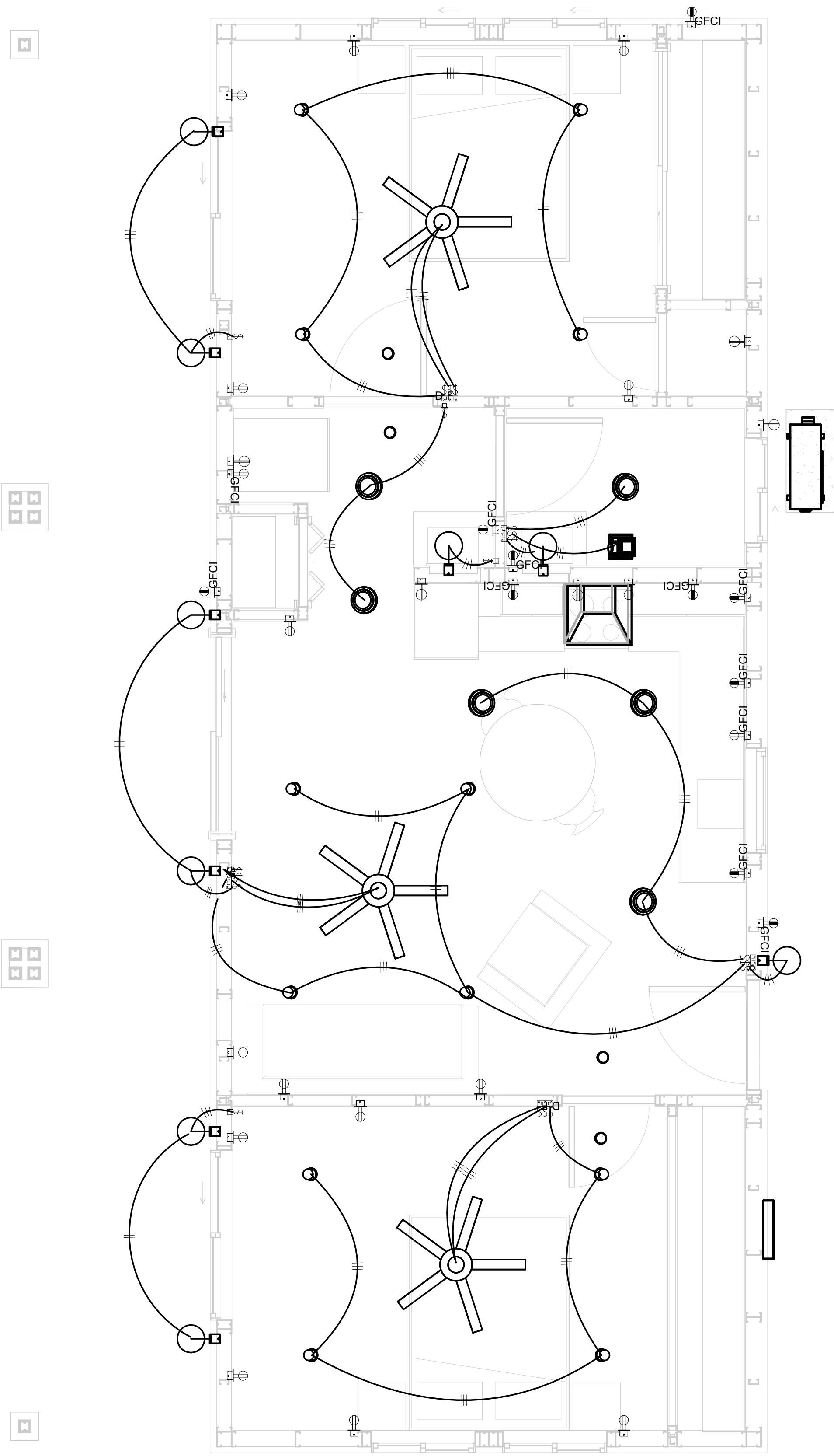
	Electrical Lights With Fan
	Waterproof Recessed Can Light
	Pendant Light
	Recessed Can Light
	Wall Lamp
	Standalone linear
	Single Switch
	Three way Switch
	Fan Switch
	Duplex Receptacle
	Triplex Receptacle
	GFCI Receptacle
	Exhaust Fan
	Smoke and heat detector

200 AMP METER SERVICE PANEL



2

SERVICE PANEL DIAGRAM  
12" = 1'-0"



1

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



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KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-WISDOM-749-2Bd1Ba  
CRAFTSMAN-350

DRAWING NAME

LIGHTING

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	1/30/2025 5:08:43 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E102

SCALE: As indicated



- 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.

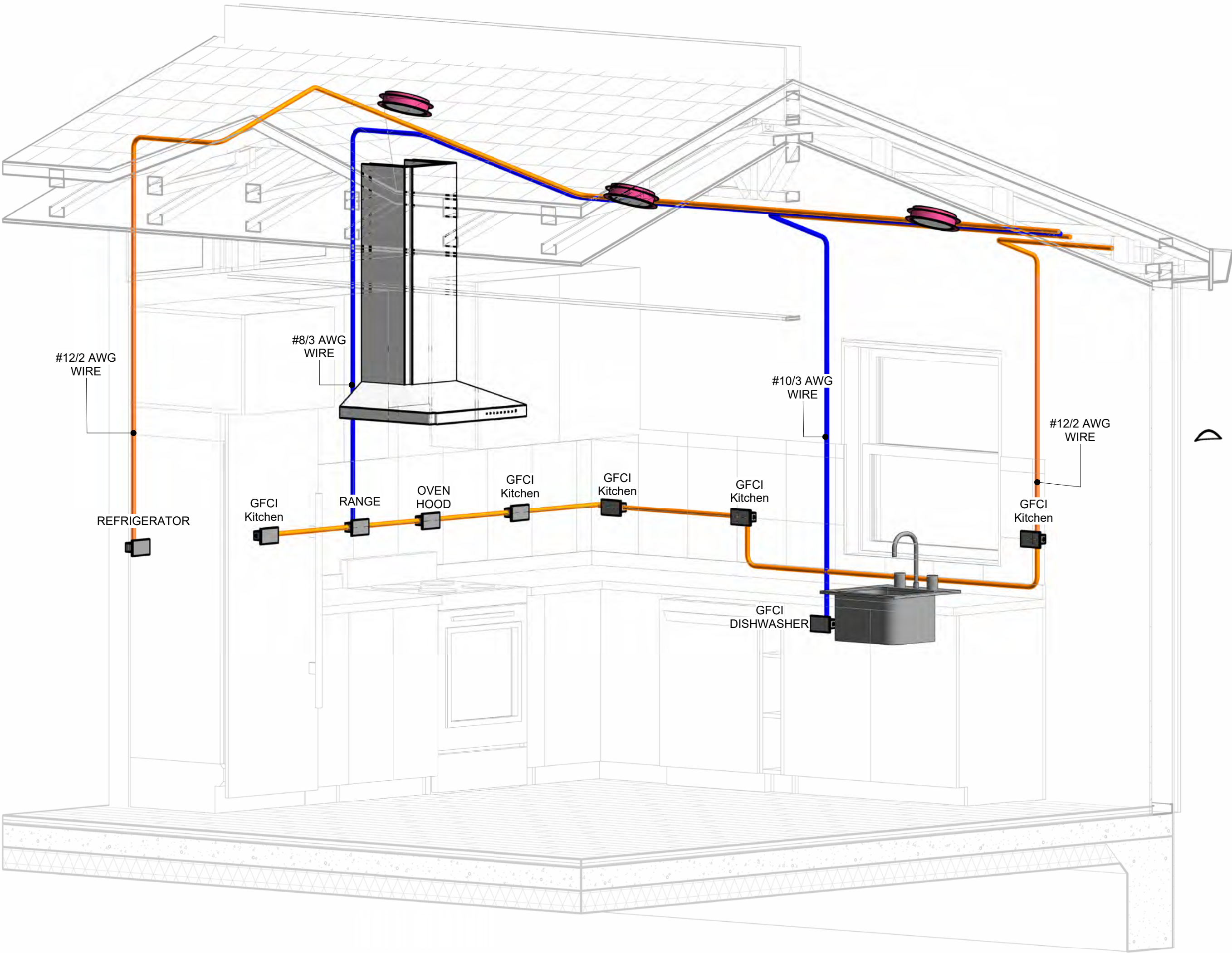
For circuits with 120 volts consider using EMT or PVC conduits if needed.
4.

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.



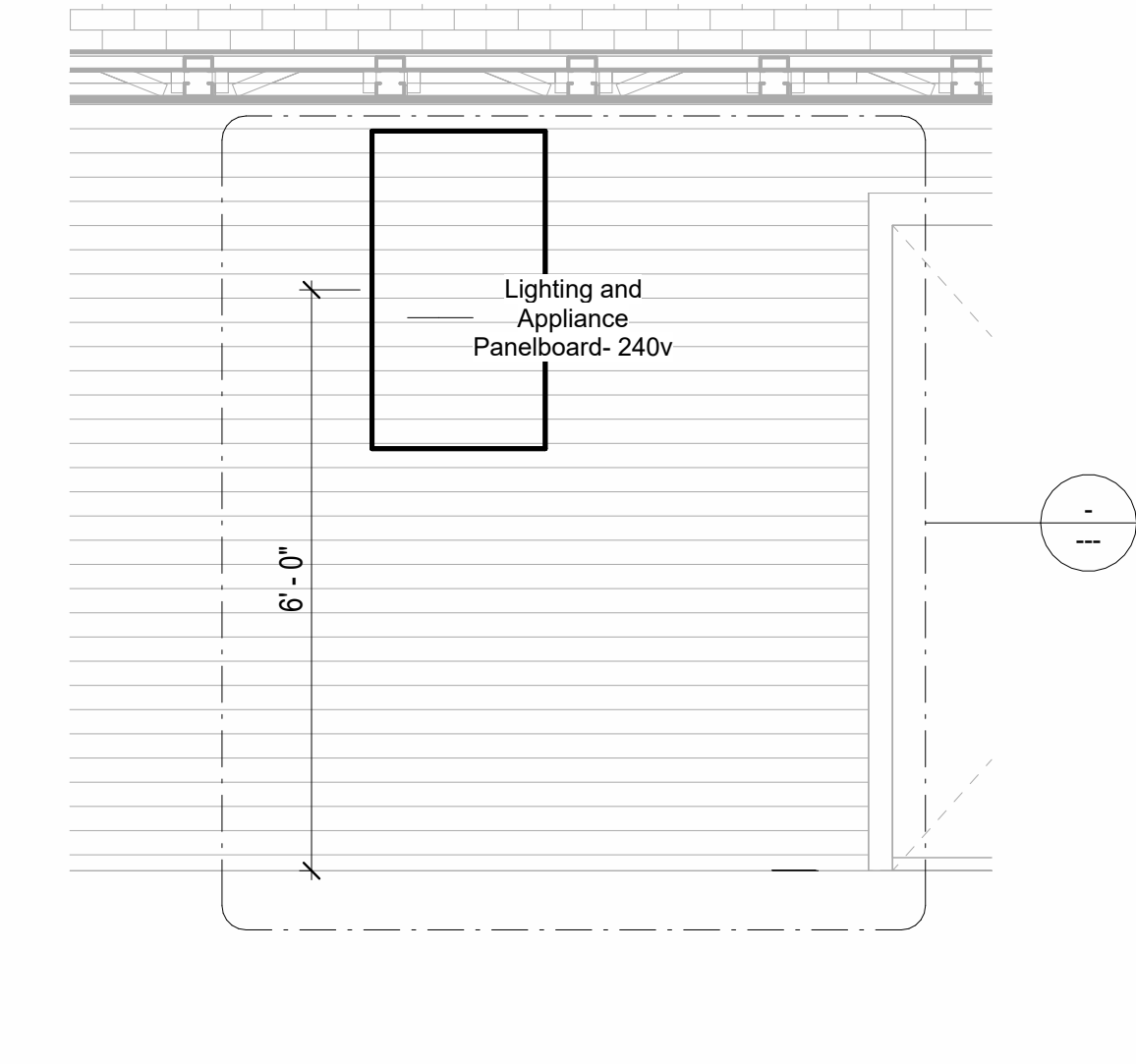
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3D-KITCHEN

CONDUIT COLOR SCHEME

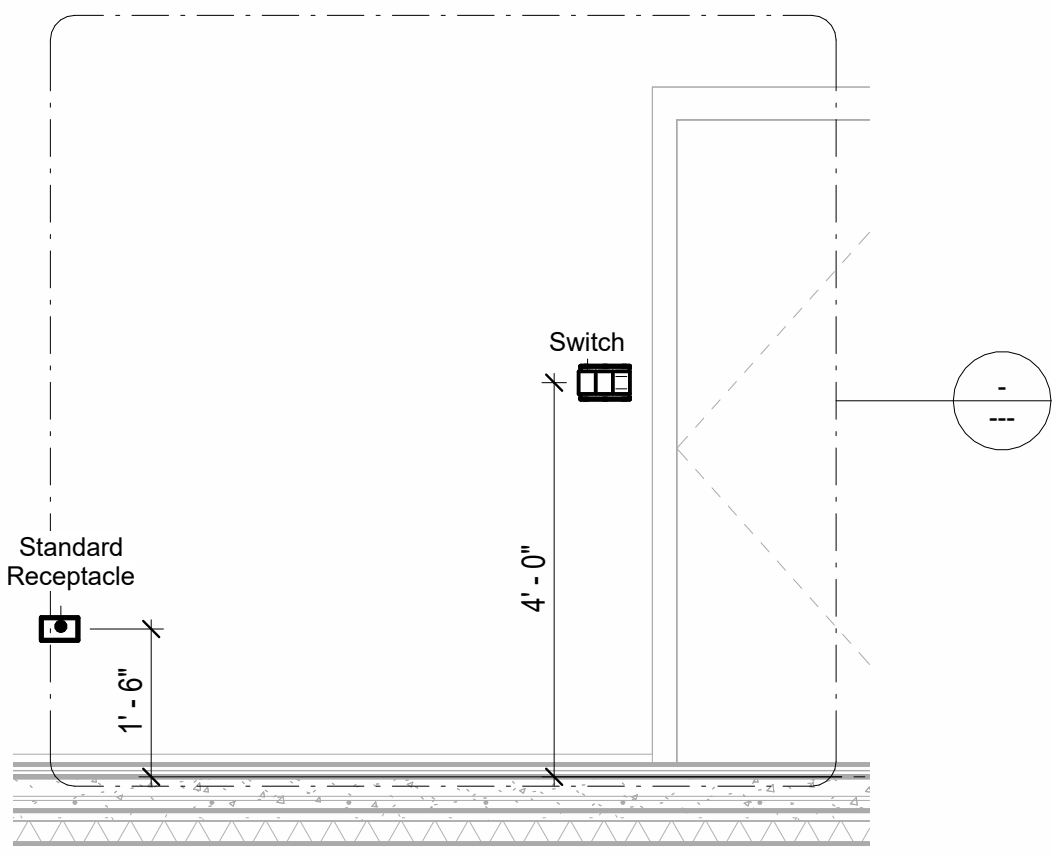
INTERMEDIATE METAL CONDUIT

ELECTRICAL METAL TUBING CONDUIT



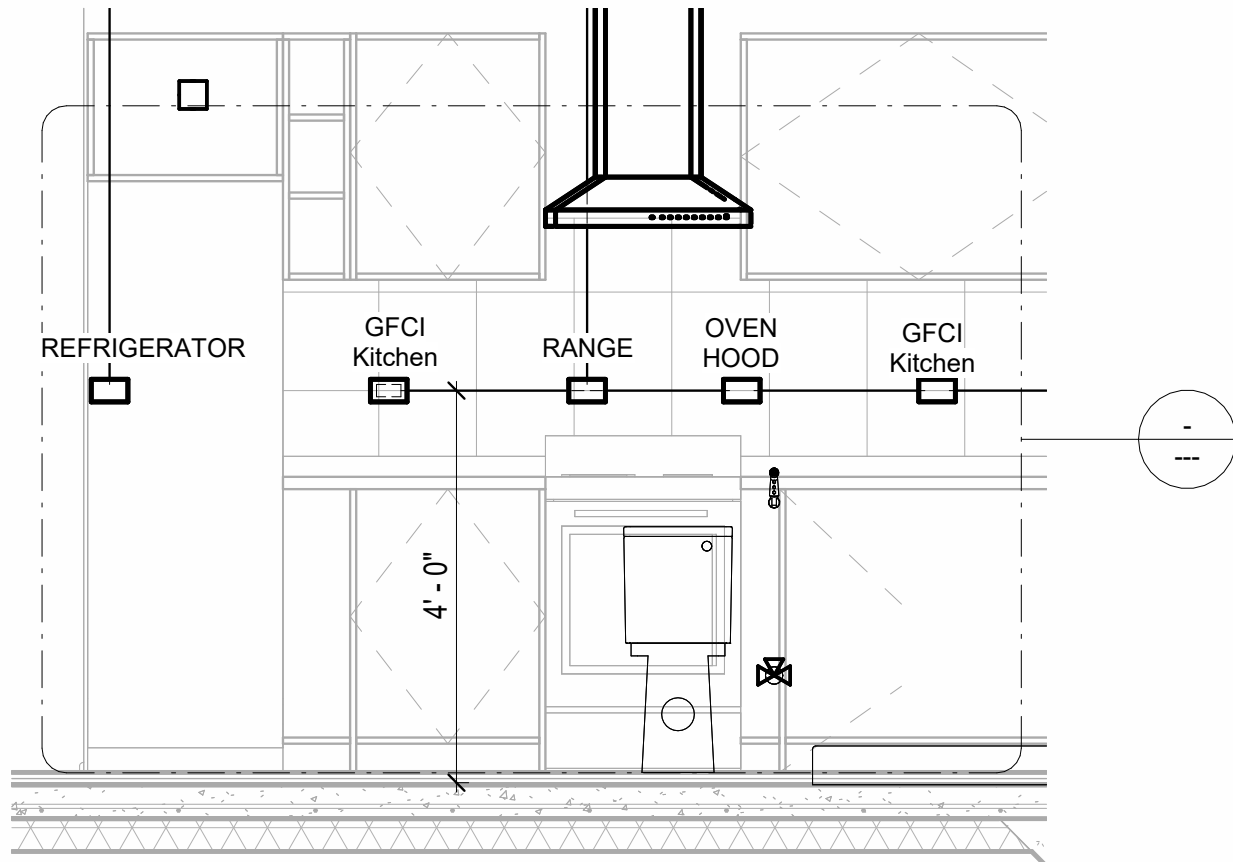
2

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



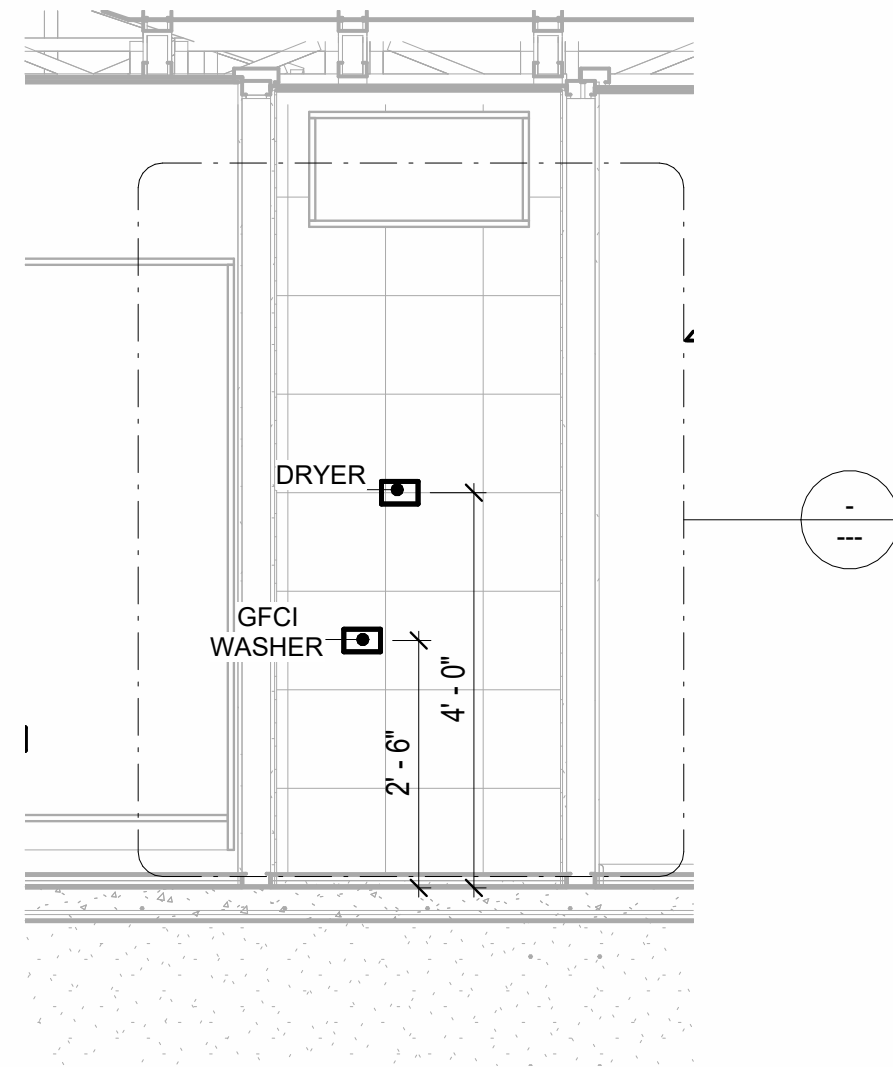
4

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



3

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



6

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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-WISDOM-749-2Bd1Ba  
CRAFTSMAN-350

DRAWING NAME

POWER

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	1/30/2025 5:09:10 AM
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).

Conduit Fitting Schedule(junction box)

Family	Count	Description
--------	-------	-------------

Electrical Fixture Schedule (SWITCH BOX)

Type	Count
------	-------

Single Gang Switch Box	3
Triple Gang Switch Box	5

Lighting Device

Type	Count
------	-------

Dimmer	2
Fan switch	3
Single Pole	13
Three Way	2

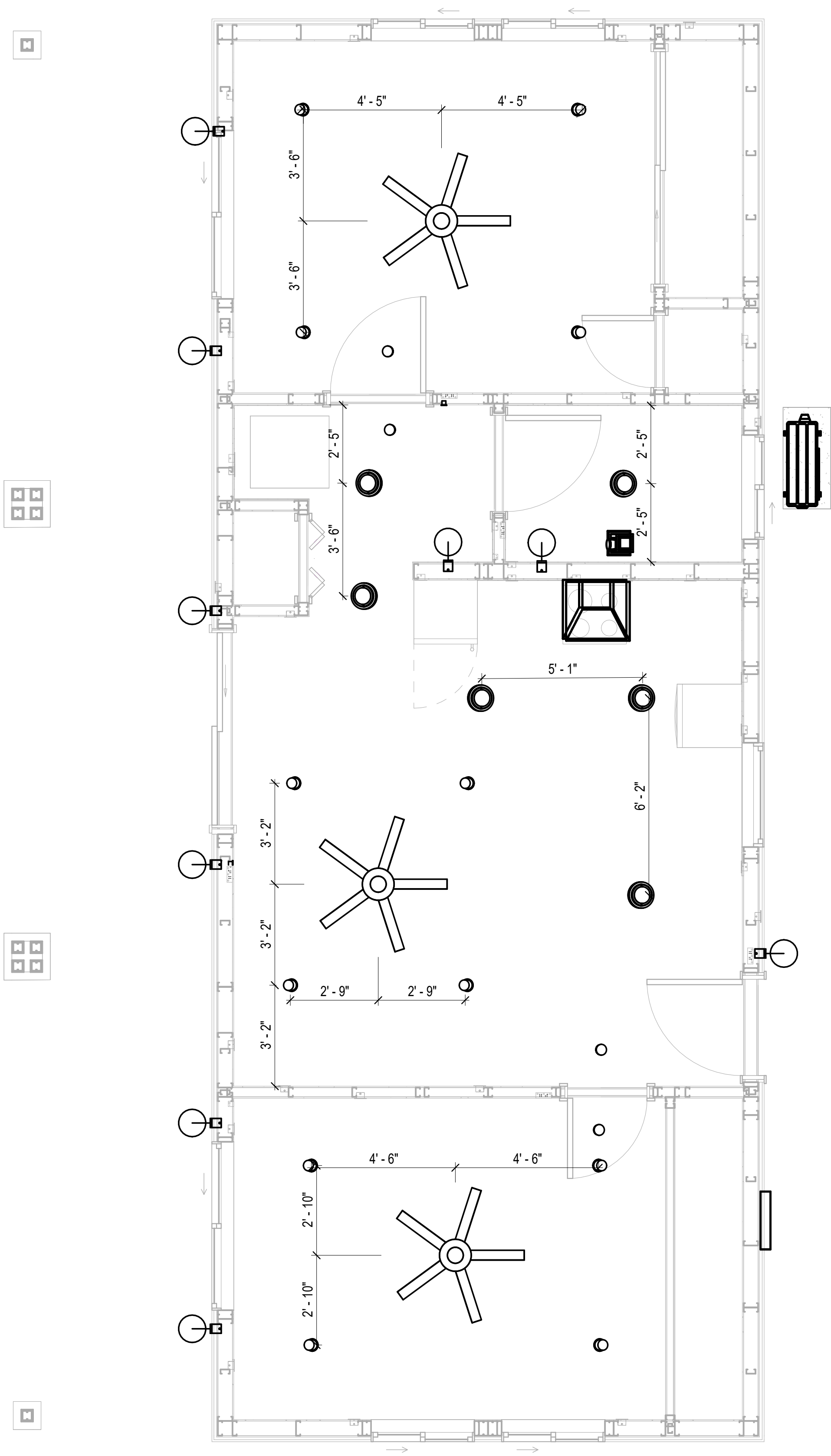
Lighting Fixture

Lighting Fixture Type	Voltage	Electrical Load	Count
-----------------------	---------	-----------------	-------

Electrical_Lights_Fan-Light1	120 V/1-100 VA- 120 V/1-100 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	3
Lighting_Other_LumenWerx_Shell-Recessed-8	120 V/1-60 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	6
SASSO 100 round wallwasher trim	120 V/1-28 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	12
Wall Lamp - Bracket	120 V/1-100 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	9

CONDUIT COLOR SCHEME

- INTERMEDIATE METAL CONDUIT
- ELECTRICAL METAL TUBING CONDUIT



1

DIMENSION FOR LIGHT FIXTURES  
3/8" = 1'-0"



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-WISDOM-749-2Bd1Ba  
CRAFTSMAN-350

DRAWING NAME

DIMENSION PLAN  
FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	1/30/2025 5:09:12 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E104

SCALE: As indicated



NOTES;

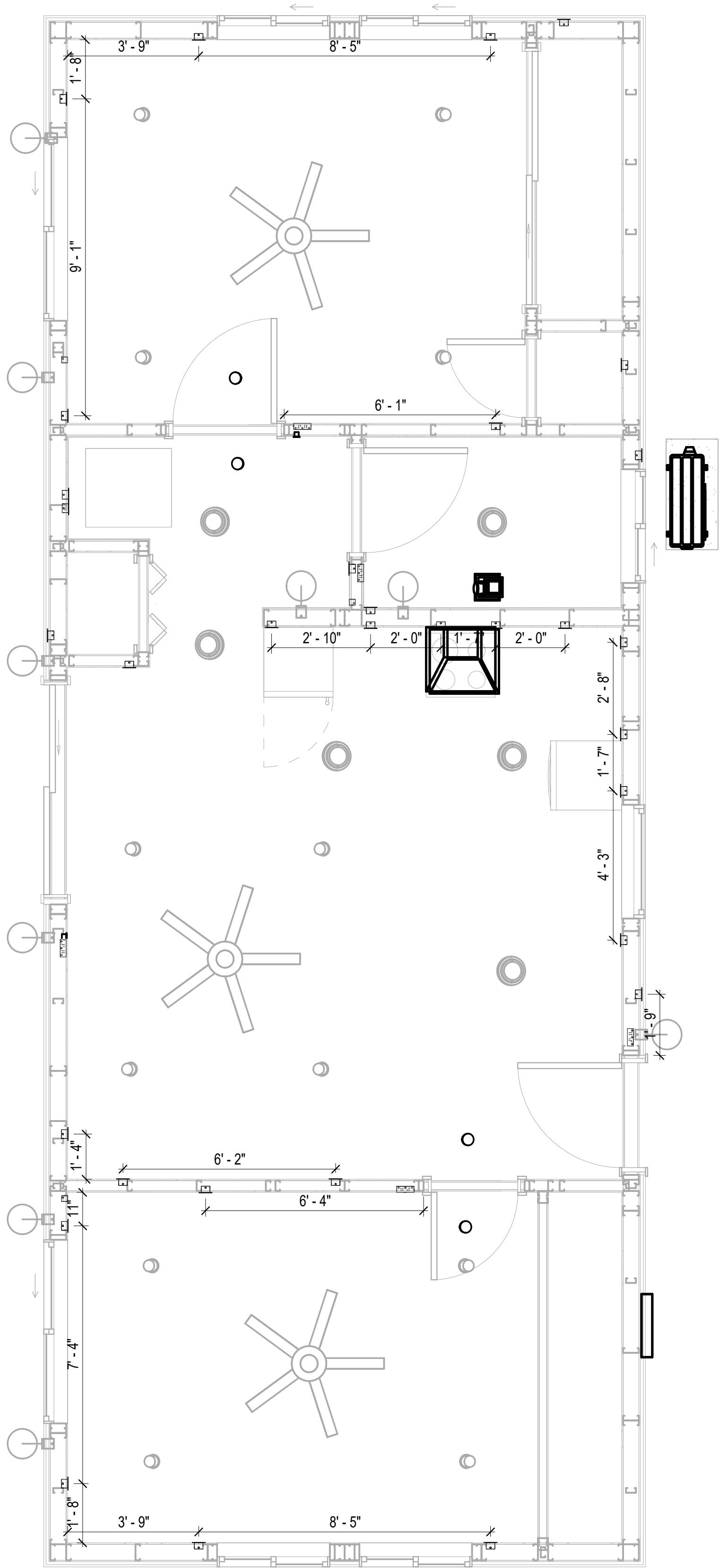
1. VERIFY EQUIPMENT PLUG CONFIGURATION BEFORE PURCHASING RECEPTACLES
2. FOR ALL EQUIPMENT.
3. COORDINATE EXACT LOCATION OF LIGHT FIXTURES, WALL SWITCHES, RECEPTACLES AND OTHER DEVICES WITH ARCHITECTURAL DRAWINGS.
4. USE METALLIC JUNCTION BOX WITH THE GFCI RECEPTACLES, WITH HIGHT VOLTAGE.

Electrical Fixture Schedule (Receptacle)

Type	Count
CONDENSER	1
DRYER	1
GFCI BATH ROOM	2
GFCI DISHWASHER	1
GFCI Kitchen	5
GFCI OUT DOOR	3
GFCI WASHER	1
OVEN HOOD	1
RANGE	1
REFRIGERATOR	1
Standard Receptacle	14
water heater	1

Electrical Outlet Schedule

Type	Circuit Number	Electrical Data	Count
Standard Receptacle		120 V/1-180 VA	1
CONDENSER	1,3	240 V/2-1500 VA	1
water heater	2,4	240 V/2-1500 VA	1
GFCI BATH ROOM	5	120 V/1-180 VA	2
Standard Receptacle	6	120 V/1-180 VA	4
GFCI OUT DOOR	7	120 V/1-180 VA	3
Standard Receptacle	8	120 V/1-180 VA	4
REFRIGERATOR	9	120 V/1-1500 VA	1
GFCI DISHWASHER	10	120 V/1-1200 VA	1
GFCI Kitchen	11	120 V/1-180 VA	5
OVEN HOOD	11	120 V/1-180 VA	1
RANGE	12,14	240 V/2-1500 VA	1
Standard Receptacle	17	120 V/1-180 VA	5
DRYER	19,21	240 V/2-1500 VA	1
GFCI WASHER	20	120 V/1-1200 VA	1



1

DIMENSION FOR FITTINGS  
3/8" = 1'-0"



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-WISDOM-749-2Bd1Ba  
CRAFTSMAN-350

DRAWING NAME

DIMENSION PLAN  
FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	1/30/2025 5:09:13 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

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



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











PIPE COLOR SCHEME	
<span style="color:blue">—</span>	DOMESTIC COLD WATER
<span style="color:red">—</span>	DOMESTIC HOT WATER
<span style="color:green">- - -</span>	SANITARY VENT
<span style="color:lightgreen">—</span>	SANITARY SEWER
<span style="color:yellow">—</span>	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 SHOUD 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)	1/2"	0 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	1 1/2"	20 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	2"	47 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	3"	6 FT
CROSS-LINKED POLYETHYLENE (PEX)	1/2"	94 FT
CROSS-LINKED POLYETHYLENE (PEX)	3/4"	38 FT
POLYVINYL CHLORIDE - RIGID	2"	74 FT

FITTING SCHEDULE		
FITTING	SIZE	QTY
DOMESTIC COLD WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	20
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	4
PEX TEE ELBOW	3/4"ø-3/4"ø-3/4"ø	3
PEX TRANSITION ELBOW	1"ø-3/4"ø	2
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	8

DOMESTIC HOT WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	14
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	3
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 TRANSITION ELBOW	3/4"ø-1/2"ø	3

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	2
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-1 1/2"ø	1
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	2
ABS TEE ELBOW	3"ø-3"ø-3"ø	3
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	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
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		0
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

09-Wisdom-749-2Bd/1Ba  
Craftsman-550

DRAWING NAME

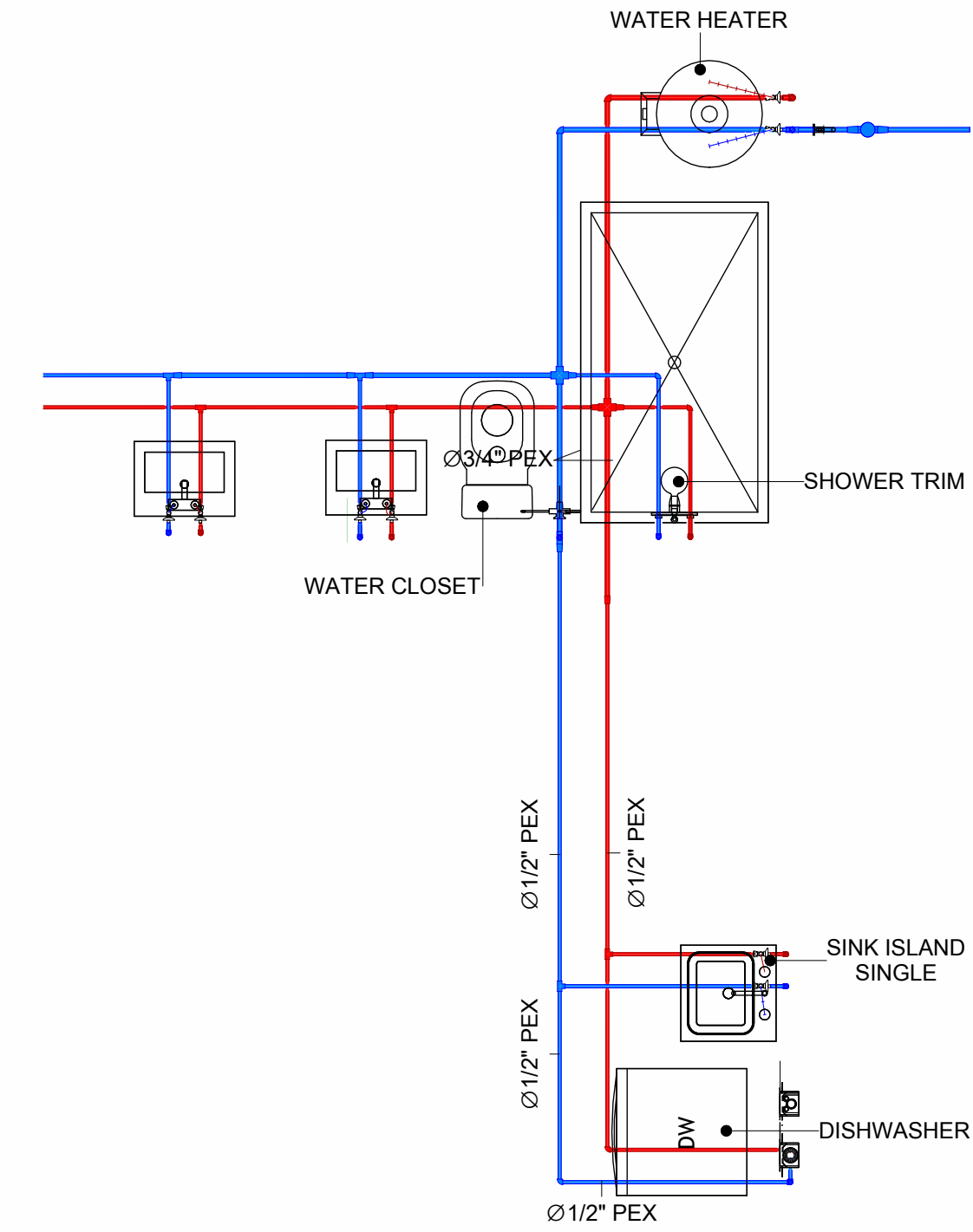
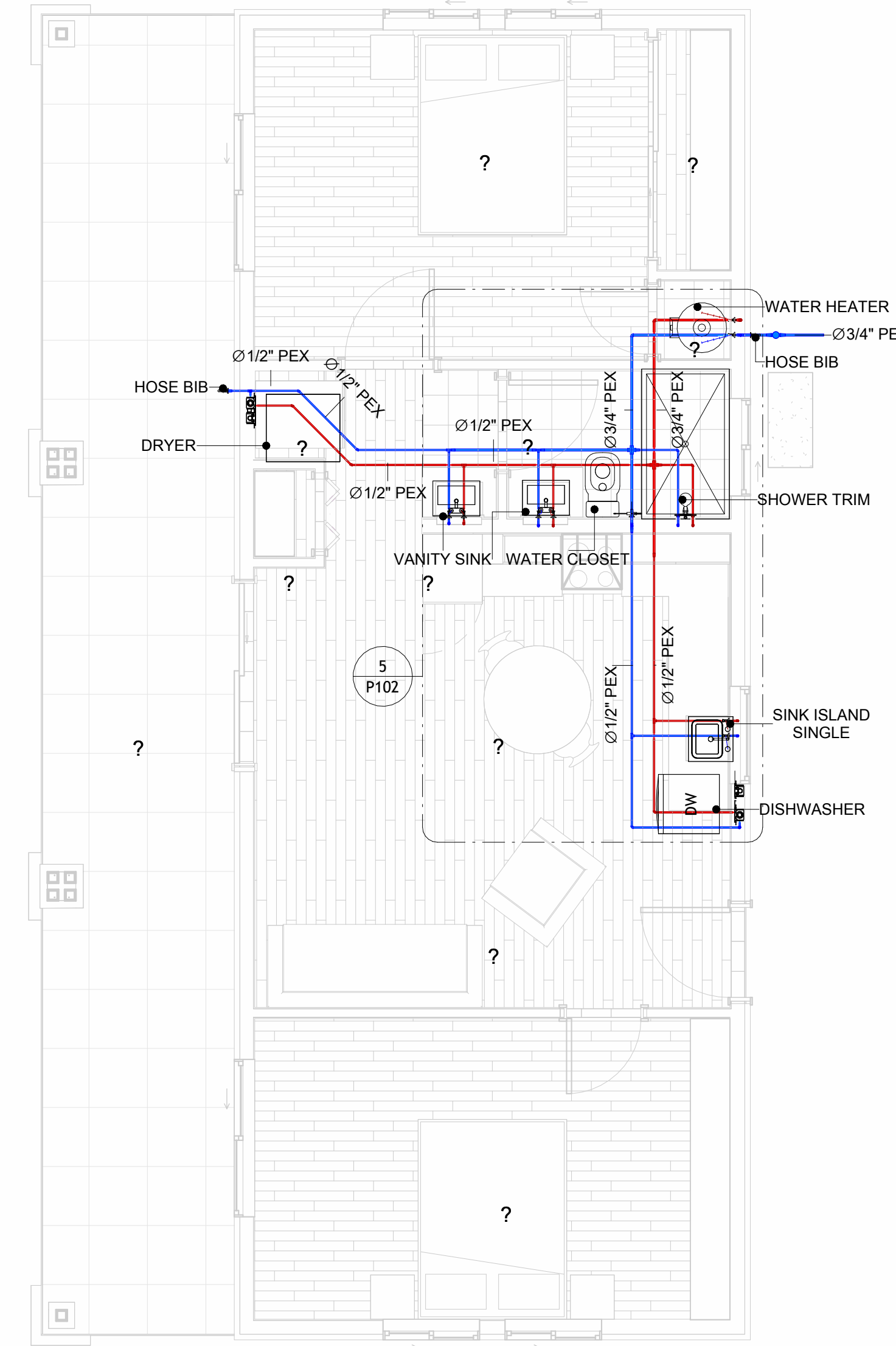
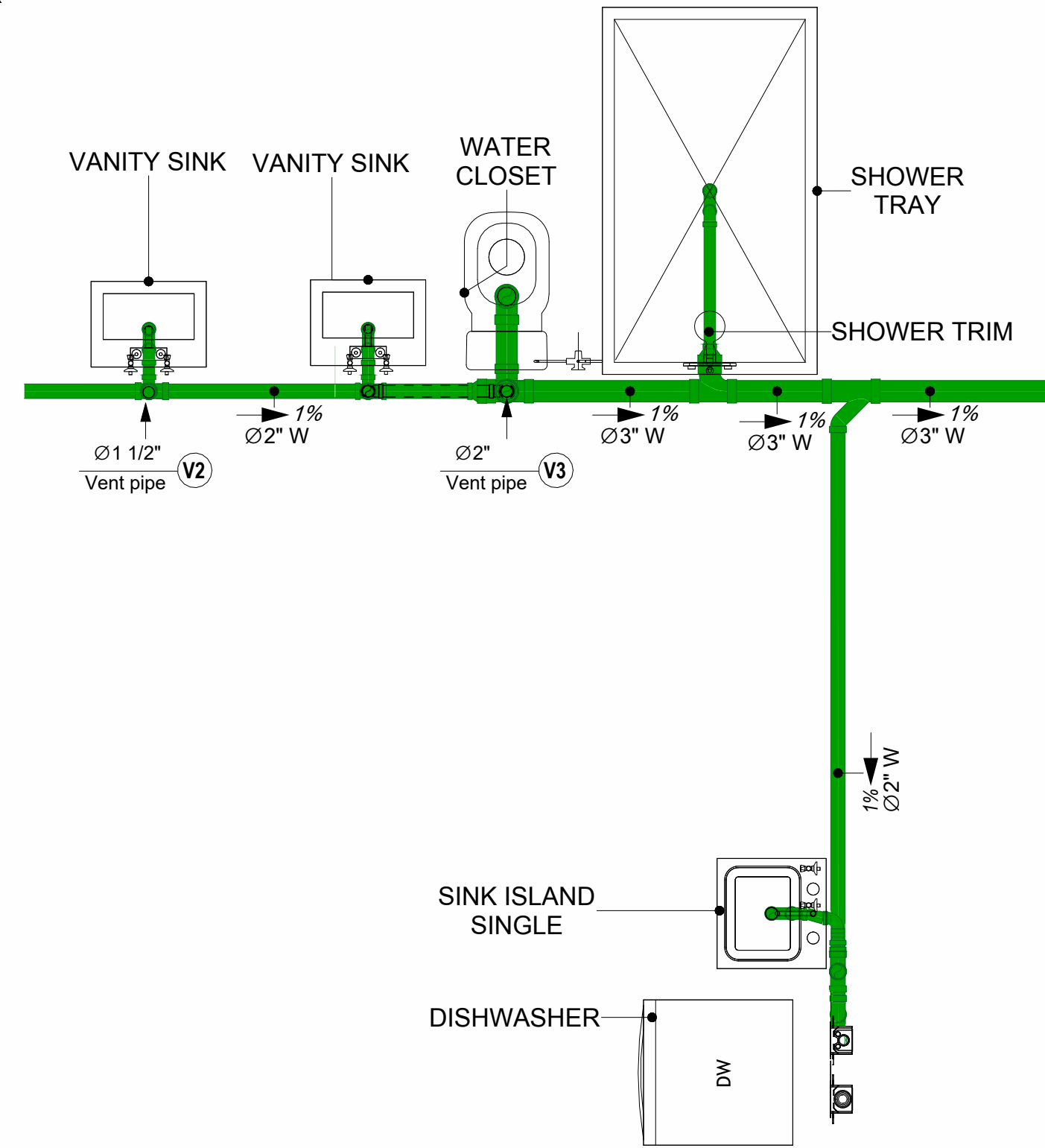
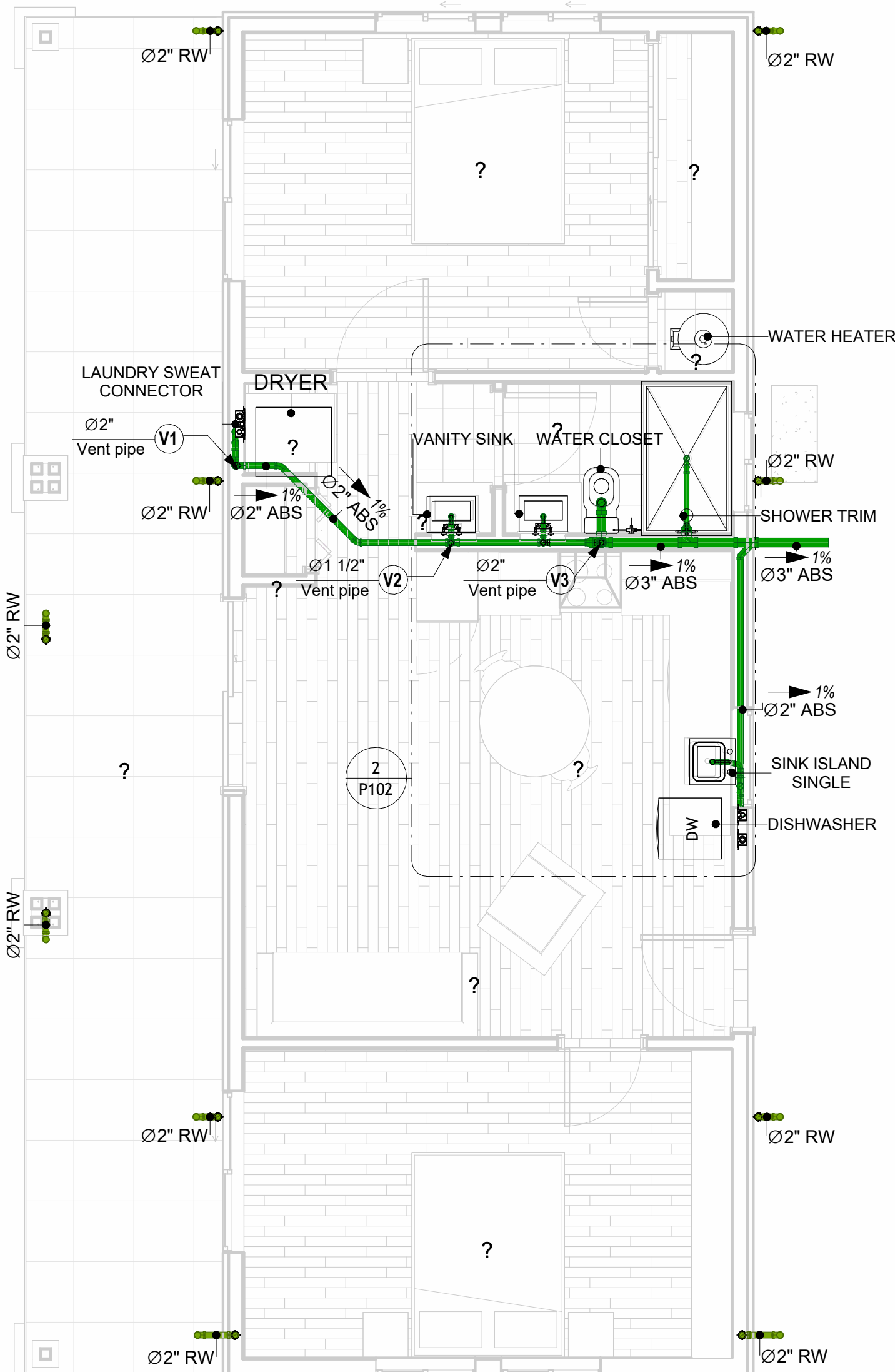
NOTE AND SCHEDULE

CLIENT NAME:	
PROJECT NUMBER:	0067_13
DATE:	2/1/2025 4:38:51 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

P101

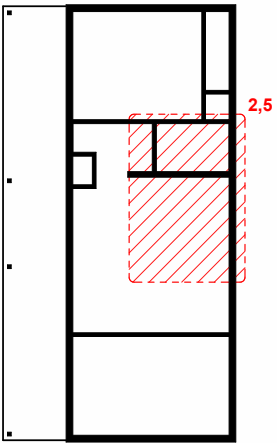
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PIPE COLOR SCHEME  
DOMESTIC COLD WATER  
DOMESTIC HOT WATER  
SANITARY VENT  
SANITARY SEWER  
STORM DRAINAGE

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

09-Wisdom-749-2Bd/1Ba  
Craftsman-550

DRAWING NAME

WATER SUPPLY AND  
SEWAGE SYSTEM

CLIENT NAME:  
PROJECT NUMBER: 0067\_13  
DATE: 2/1/2025 4:39:21 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-2Bd1Ba Craftsman**  
**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!

Table Of Content			
#	Name	Link	Page No
1	Cover Page	<a href="#">Cover Page</a>	1
2	TOC	<a href="#">TOC</a>	2
3	ELECTRICAL BOM	<a href="#">ELECTRICAL BOM</a>	3
5	HVAC BOM	<a href="#">HVAC BOM</a>	7
4	PLUMBING BOM	<a href="#">PLUMBING BOM</a>	10
6	ARCHITECTURAL BOM	<a href="#">ARCHITECTURAL BOM</a>	15

**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



09-Wisdom-749-2Bd/1Ba-Craftsman					
ARCHITECTURAL MATERIAL SHOPPING LIST					
No.	Item	Type	Unit	Quantity	Description
<a href="#">🏠</a> <b>APPLIANCES</b>					
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	
<a href="#">🏠</a> <b>CASEWORKS</b>					
8	Kitchen Cabinet		FT	17.79	
9	Laundry Cabinet		FT	2.25	
10	Vanity Cabinet		FT	2.5	
11	Medicine Cabinet		PCS	2	
12	Kitchen countertop		SF	28.39	
13	Laundry Countertop		PCS	1	
14	Bathroom Countertop		SF	0	
15	Island		FT	0	
16	Peninsula		FT	0	
17	Closets		SF	126	
<a href="#">🏠</a> <b>CEILING</b>					
18	Ceiling Board	Dry Wall	SF	683	
19	Dry Wall Fastener	Screw	PCS	1195	
20	Vapor Retarder	Polyethylene film	SF	841	
21	Vapor Retarder Fastener	Nails with washer heads	PCS	2523	
22	Ceiling Board (MRD)	Moisture resistant drywall	SF	41	
23	MRD Fastener		PCS	72	
24	Ceiling Board	Marine Plywood	SF	117	
25	Marine Plywood Fastener	Screw	PCS	205	
26	Dry Wall Tape		FT	421	
<a href="#">🏠</a> <b>FLOORING</b>					
27	Main Living Space		SF	276	
28	Bathroom		SF	46	
29	Bedrooms		SF	346	
30	Porch		SF	292	
<a href="#">🏠</a> <b>STRUCTURE</b>					
31	Foundation		SF	1040	
<a href="#">🏠</a> <b>WALLS EXTERIOR</b>					
32	Exterior Wall Siding		SF	779	
33	Wall Paint		SF	7.79	
34	Wall Shteaching (OSB)		SF	779	
35	Shteaching Fastener	Self-drilling screws(100/pkt)	PKT	811	
36	Wall Insulation		SF	779	
37	Wall Homewrap		SF	779	
38	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	3.0	



# ARCHITECTURAL BOM



<a href="#">🏠</a> <b>WALLS INTERIOR</b>					
39	Cementitious Backer Board		SF	474	
40	Kerdi membrane		SF	474	
41	Kerdi membrane Fastener		SF	474	
42	Wall Ceramic Tile		SF	474	
43	Drywall Board		SF	1108	
44	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	11.08	
45	Wall Paint		SF	1108	
46	Drywall Tape		FT	208	
47	Wall Sweep		FT	90	
<a href="#">🏠</a> <b>DOORS</b>					
48	Interior Swinging	3' - 0" X 6'-8"	PCS	1	
49	Interior Swinging	2' - 8" X 6'-8"	PCS	1	
50	Interior Swinging	2' - 4" X 6'-8"	PCS	1	
51	Front Door With Sidelight	5' - 5" X 7'- 0"	PCS	1	
52	Interior Sliding	7' - 6" X 6'-8"	PCS	1	
53	Interior Sliding	5' - 0" X 6'-8"	PCS	1	
54	Patio Sliding	5' - 0" X 6'-8"	PCS	1	
55	Exterior Door Trim			37.7	
56	Interior Door Trim			249.5	
57	Entry Lock set			2	
58	Privacy Lock set			2	
59	Passage Lock set			3	
<a href="#">🏠</a> <b>WINDOWS</b>					
60	Interior Swinging	3' - 0" X 6'-8"	PCS	1	
61	Interior Swinging	2' - 8" X 6'-8"	PCS	1	
62	Interior Swinging	2' - 4" X 6'-8"	PCS	1	
63	Front Door With Sidelight	5' - 5" X 7'- 0"	PCS	1	
64	Interior Sliding	7' - 6" X 6'-8"	PCS	1	
65	Interior Sliding	5' - 0" X 6'-8"	PCS	1	
66	Patio Sliding	5' - 0" X 6'-8"	PCS	1	
67	Exterior Door Trim			37.7	
68	Interior Door Trim			249.5	
69	Entry Lock set			2	
70	Privacy Lock set			2	
71	Passage Lock set			3	
<a href="#">🏠</a> <b>ROOF</b>					
72	Roof Covering		SF	1022.0	
73	Roof Covering Fastener		PCS	511	
74	Roof Felt Paper		SF	1022.0	
75	Roof Felt Paper Fastener		PCS	3066.0	
76	Roof Sheathing		SF	1022	
77	Roof Sheathing Fastener		PCS	8176	
78	Batten		FT	0.0	
79	Batten Fastener		PCS	0.0	
80	Soffit		SF	92.0	
81	Soffit Fastener		PCS	46.0	
82	Fascia		FT	147.0	
83	Fascia board fastener		PCS	74	
84	Roof Insulation		SF	1022.0	



# PLUMBING BOM



## 09-Wisdom-749-2Bd/1Ba-Craftsman

### PLUMBING SYSTEM MATERIAL SHOPPING LIST

No.	Item	Type	Unit	Quantity	Description
<a href="#">🏠</a> <b>SANITARY &amp; PLUMBING PIPES</b>					
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	28	
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	46	
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	31	
4	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	124.5	
5	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	21.5	
6	PVC Pipes Sch.80 - Rigid	ø 2"	FT	74	
7	Flex Pipe Round	ø 1/2"	PCS	7	
<a href="#">🏠</a> <b>PIPE FITTINGS</b>					
8	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	26	
9	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	1	
10	PEX Cross Elbow	1/2"ø-1/2"ø-1/2"ø-1/2"ø	PCS	0	
11	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	6	
12	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	3	
13	PEX Transition Elbow	1"ø-3/4"ø	PCS	0	
14	PEX Transition Elbow	3/4"ø-1/2"ø	PCS	6	
15	PVC 90 Degree Bend Elbow	2"ø-2"ø	PCS	23	
16	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	2	
17	ABS 90 Degree Bend Elbow	2"ø-2"ø	PCS	3	
18	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	1	
19	ABS Bend Long Sweep Elbow	2"ø-2"ø	PCS	0	
20	ABS Reducer Elbow	2"ø-1 1/2"ø	PCS	2	
21	ABS Reducer Elbow	3"ø-1 1/2"ø	PCS	0	
22	ABS Reducer Elbow	3"ø-2"ø	PCS	3	
23	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø	PCS	2	
24	ABS TEE Elbow	2"ø-2"ø-2"ø	PCS	0	
25	ABS TEE Elbow	3"ø-3"ø-3"ø	PCS	1	
26	ABS TEE Reducer Elbow	2"ø-2"ø-1 1/2"ø	PCS	0	
27	ABS TEE Reducer Elbow	2"ø-2"ø-2"ø	PCS	1	
28	ABS P-Trap	1 1/2"ø-1 1/2"ø	PCS	3	
29	ABS P-Trap	2"ø-2"ø	PCS	4	
30	ABS Vent Cap Elbow	1 1/2"ø	PCS	0	
31	ABS End Cap Elbow	2"ø	PCS	2	
32	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø	PCS	0	
33	ABS Wye Combination with 8th Bend	2"ø-2"ø-2"ø	PCS	3	
34	ABS Clean Two-Way Elbow	3"ø-3"ø-3"ø	PCS	1	
35	ABS Wye Combination with 8th Bend	3"ø-3"ø-1 1/2"ø	PCS	2	
36	ABS Wye Combination with 8th Bend	3"ø-3"ø-2"ø	PCS	1	
37	ABS Vent End Cap	3"ø	PCS	0	
38	ABS Vent End Cap	1 1/2"ø	PCS	1	
39	ABS Vent End Cap	2"ø	PCS	1	
40	ABS Closet Bend	4"ø-3"ø	PCS	2	
41	PVC 90 Degree Bend Elbow	2"ø-2"ø	PCs	23	



# PLUMBING BOM



<a href="#">🏠</a> PLUMBING FIXTURES & ACCESSORIES					
41	Bath Tub (Alcove Tub)		PCS	1	
42	Kitchen Sink		PCS	1	
42	Kitchen Sink		PCS	1	
43	Kitchen Faucets		PCS	1	
44	Vanity Sink		PCS	1	
45	Bath room Faucets		PCS	1	
46	Water Closet		PCS	1	
47	Shower Trim		PCS	0	
48	Shower Tray		PCS	0	
49	Water Heater		PCS	1	
50	Hose Bib		PCS	3	
51	Shutoff Valve		PCS	6	
52	Hanging pipe clamp		PCS	18	
53	Gate Valve		PCS	1	
54	Dishwasher Supply Single Connector		PCS	1	
55	Dishwasher Sewage Single Connector		PCS	0	
56	Laundry Sweat Connector		PCS	1	



# HVAC BOM



## 09-Wisdom-749-2Bd/1Ba-Craftsman

### HVAC SYSTEM MATERIAL SHOPPING LIST

No.	Item	Type	Unit	Quantity	Description
<a href="#">HVAC_DUCTS</a>					
1	PIPE (REFRIGERANT LINE)	1/2" Ø	FT	8.58	
2	PIPE (REFRIGERANT LINE)	1/4" Ø	FT	0.37	
3	PIPE (REFRIGERANT LINE)	3/4" Ø	FT	8.33	
4	Flex Duct Round	4" Ø	FT	7.27	
5	Drayer hose	4" Ø	FT	11.2	
6	Flex Duct Round	5" Ø	FT	10.42	
7	Flex Duct Round	6"	FT	23.18	
8	Flex Duct Round	9"	FT	11.96	
9	Flex Duct Round	10"	FT	0.23	
10	Flex Duct Round	12"	FT	22.82	
11	Rectangular Duct	4"x4"	FT	1.06	
12	Rectangular Duct	6"x10"	FT	0.08	
13	Rectangular Duct	8"x10"	FT	12.48	
14	Rectangular Duct	10"x10"	FT	1.6	
15	Rectangular Duct	10"x14"	FT	6.72	
16	Rectangular Duct	10"x18"	FT	0.33	
17	Rectangular Duct	12"x10"	FT	2.79	
18	Rectangular Duct	14"x10"	FT	22.63	
19	Round Duct	6" Ø	PCS	10.27	
<a href="#">DUCT FITTINGS &amp; ACCESSORIES</a>					
20	Elbow (REFRIGERANT LINE)	1/2" Ø-1/2" Ø	PCS	4	
21	Elbow (REFRIGERANT LINE)	1/4" Ø-1/4" Ø	PCS	1	
22	Elbow (REFRIGERANT LINE)	3/4" Ø-3/4" Ø	PCS	2	
23	Elbow (REFRIGERANT LINE)	3/4" Ø-3/4" Ø	PCS	3	
24	Transition (REFRIGERANT LINE)	1/2" Ø-1/4" Ø	PCS	2	
25	Transition (REFRIGERANT LINE)	2" Ø-1/2" Ø	PCS	1	
26	Transition (REFRIGERANT LINE)	7/8" Ø-3/4" Ø	PCS	1	
27	Roof vent	3" Ø	PCS	4	
28	Rectangular ELBOW	1.5W	PCS	2	
29	Transition	45 DEGREE	PCS	15	
30	Transition - Angle	45 Degree	PCS	5	
31	Round Transition - Angle	46 Degree	PCS	2	
32	Rectangular ELBOW	Standard	PCS	8	
33	Rectangular ELBOW	Standard	PCS	5	
34	Duct Hanger		PCS	3	
<a href="#">HVAC EQUIPMENTS</a>					
35	RETURN DIFFUSER	18 x 18 Face 12 x 12 Connection	PCS	1	
36	SUPPLY DIFFUSER	8 x 8 Face 4 x 4 Connection	PCS	1	
37	SUPPLY DIFFUSER	12x 12 Face 6 x 6 Connection	PCS	1	
38	SUPPLY DIFFUSER	12 x 12 Face 8 x 8 Connection	PCS	3	
39	SUPPLY DIFFUSER	12 x 12 Face 6 x 6 Connection	PCS	1	
40	Condenser	VPAC - Air Cooled - 3 Tons	PCS	1	
41	Exhaust Fan	FAN: 75 CFM	PCS	2	
42	Roof vent	Roof vent	PCS	2	
43	Drayer Vent	Drayer: VENT	PCS	1	
44	Hood-Wall: Vent	Hood-Wall: VENT	PCS	1	
45	Heat pump	VERTICAL - LEFT RETURN -	PCS	1	

# ELECTRICAL BOM



## 09-Wisdom-749-2Bd/1Ba-Craftsman

### ELECTRICAL MATERIAL SHOPPING LIST

No.	Item	Type	Unit	Quantity	Description
<a href="#">🏠</a> <b>LIGHTING FIXTURES</b>					
1	Kitchen Ceiling Light		PCS	2	
2	Exterior Wall Mounted Light		PCS	7	
3	Livingroom Ceiling Light With Fan		PCS	1	
4	Bedroom Ceiling Light With Fan		PCS	2	
5	Dining Ceiling Light		PCS	0	
6	Bath Wall Mounted Light		PCS	2	
7	Bathroom Ceiling Light		PCS	1	
8	Livingroom Ceiling Light		PCS	5	
9	Bed Ceiling Light		PCS	8	
10	Hall & Entry Ceiling Light		PCS	2	
11	Smoke Detector		PCS	4	
<a href="#">🏠</a> <b>ELECTRICAL FITTINGS</b>					
10	Standard Receptacle 120V	15 A	PCS	14	
11	GFCI Receptacle 120V	20 A	PCS	13	
12	GFCI Receptacle 240V	30 A	PCS	3	
13	GFCI Receptacle 240V	40 A	PCS	0	
14	GFCI Receptacle 240V	50 A	PCS	1	
15	GFCI Receptacle 240V	60 A	PCS	1	
16	Fan Switch		PCS	3	
17	Single Pole Switch		PCS	13	
18	Three Way Switch		PCS	2	
19	Dimmer Switch		PCS	2	
<a href="#">🏠</a> <b>ELECTRICAL CONDUITS &amp; WIRING</b>					
20	ROMEX 14 AWG	14/2 w/ground	FT	0	
21	ROMEX 12 AWG	12/2 w/ground	FT	512.4	
22	ROMEX 10 AWG	10/2 w/ground	FT	25	
23	ROMEX 10 AWG	10/3 w/ground	FT	84	
24	ROMEX 10 AWG	8/2 w/ground		0	
25	ROMEX 8 AWG	8/3 w/ground	FT	34	
26	ROMEX 6 AWG	6/3 w/ground	FT	35	
27	Bare Copper Ground Wire 6 AWG				
29	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1	
30	Circuit breaker	15 A	PCS	0	
31	Circuit breaker	20 A	PCS	12	
32	Circuit breaker	30 A	PCS	3	
34	Circuit breaker	40 A	PCS	0	
	Circuit breaker	50 A	PCS	1	
35	Circuit breaker	60 A	PCS	1	
36	Single Gang Switch Box		PCS	3	
38	Double Gang Switch Box		PCS	0	
39	Triple Gang Switch Box		PCS	5	
40	Pull Box	#1/4	PCS	24	
43	Receptacle Box		PCS	32	



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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.

# ELECTRICAL BOM



	LIGHTING FIXTURES						
#	Lighting	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Ceiling Light			PCS	2		
2	Exterior Wall Mounted Light			PCS	7		
3	Livingroom Ceiling Light With Fan			PCS	1		
4	Bedroom Ceiling Light With Fan			PCS	2		
5	Dining Ceiling Light			PCS	0		
6	Bath Wall Mounted Light			PCS	2		
7	Bathroom Ceiling Light			PCS	1		
8	Livingroom Ceiling Light			PCS	5		
9	Bed Ceiling Light			PCS	8		
10	Hall & Entry Ceiling Light			PCS	2		
11	Smoke Detector			PCS	4		
12							
13							
14							
15							



# ELECTRICAL BOM



ELECTRICAL FITTINGS							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Standard Receptacle 120V	20A		PCS	14		
2	GFCI Receptacle 120V	20 A		PCS	13		
3	GFCI Receptacle 240V	30 A		PCS	3		
4	GFCI Receptacle 240V	50 A		PCS	1		
5	GFCI Receptacle 240V	60 A		PCS	1		
6	Fan Switch			PCS	3		
7	Single Pole Switch			PCS	13		
8	Three Way Switch			PCS	2		
9	Dimmer Switch			PCS	2		
10							
11							
12							
13							
14							
15							

# ELECTRICAL BOM



ELECTRICAL WIRING							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ROMEX 12 AWG	12/2/W/ground		FT	512.4		
2	ROMEX 10 AWG	10/2/W/ground		FT	25.1		
3		10/3/W/ground		FT	84.4		
4	Romex 8 AWG	8/3/W/ground		FT	34		
5	ROMEX 6 AWG	6/3/W/ground		FT	35.4		
6	Bare Copper Ground Wire 6 AWG			FT			
7	Bare Copper Ground Wire 6 AWG						
8							
9							
10							
11							
12							
13							
14							
15							



# ELECTRICAL BOM



ELECTRICAL BOXES & CIRCUTES							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Panelboard -240V 1 Phase MLO	200 AMP		PCS	1		
2	Circuit breaker	20 A		PCS	12		
3	Circuit breaker	30 A		PCS	3		
4	Circuit breaker	50 A		PCS	1		
5	Circuit breaker	60 A		PCS	1		
6	Single Gang Switch Box			PCS	3		
7	Triple Gang Switch Box			PCS	5		
8	Pull Box	#1/4		PCS	24		
9	Receptacle Box			PCS	32		
10							
11							
12							
13							
14							
15							

HVAC BOM



HVAC_DUCTS 01							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	1.57		
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)		FT	79.52		
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)		FT	1.63		
4	PIPE (REFRIGERANT LINE)	5/8" (Ø)		FT	0.43		
5	PIPE (REFRIGERANT LINE)	3/4" (Ø)		FT	131.02		
6	DRAYER HOSE	4" (Ø)		FT	4.3		
7	FLEX DUCT ROUND	4" (Ø)		FT	5.1		
8							
9							
10							
11							
12							
13							
14							
15							



<div>  <div>DUCT FITTINGS &amp; ACCESSORIES</div> </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)		PCS	2		
2	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)		PCS	2		
3	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)		PCS	32		
4	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)		PCS	19		
5	ELBOW (REFRIGERANT LINE)	5/8" (Ø)-5/8" (Ø)		PCS	3		
6	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-1/2" (Ø)		PCS	4		
7	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-3/8" (Ø)		PCS	3		
8	TRANSITION (REFRIGERANT LINE)	3/8" (Ø)-1/4" (Ø)		PCS	1		
9	TEE (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)-3/4" (Ø)		PCS	2		
10	TEE (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)-3/8" (Ø)		PCS	2		
11	ROUND TRANSITION(ANGLE)	45 DEGREE		PCS	3		
12							
13							
14							
15							

HVAC BOM



HVAC_EQUIPMENTS							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	AIR HANDLING UNIT	WALL MOUNTED		PCS	3		
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							




# PLUMBING BOM



<div>  <b>PLUMBING FIXTURES &amp; ACCESSORIES</b> </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Bath Tub (Alcove Tub)	5' 0" * 2' 8" * 1' 6"		PCS	1		
2	Kitchen Sink	Single 3' 6" * 1' 9"		PCS	1		
3	Vanity Sink	Vessel sink 1' 2" * 1' 7"		PCS	1		
4	Water Closet	Elongated 1' 6" * 1' 2"		PCS	1		
5	Water Heater	By Customer		PCS	1		
6	Hose Bib	Bronze ø 3/4"		PCS	1		
7	Shutoff Valve	ø 1/2"		PCS	6		
8	Hanging pipe clamp	Adjustable Clamp ø 2"		PCS	15		
9	Gate Valve	ø 1"		PCS	1		
10	Laundry Sweat Connector	Copper Sweat Connector		PCS	1		
11							
12							
13							
14							
15							

# PLUMBING BOM



<div>  SANITARY &amp; PLUMBING PIPES </div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø		FT	2		
2	ABS 90 Degree Bend Elbow	2"ø-2"ø		FT	2		
3	ABS 90 Degree Bend Elbow	3"ø-3"ø		FT	1		
4	ABS Bend Long Sweep Elbow	2"ø-2"ø		FT	2		
5	ABS P-Trap	1 1/2"ø-1 1/2"ø		FT	4		
6	ABS P-Trap	2"ø-2"ø		FT	1		
7	ABS Reducer Elbow	2"ø-1 1/2"ø		FT	3		
8	ABS Reducer Elbow	3"ø-1 1/2"ø		FT	1		
9	ABS Reducer Elbow	3"ø-2"ø		FT	2		
10	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø		FT	2		
11	ABS TEE Elbow	2"ø-2"ø-2"ø		PCS	2		
12	ABS TEE Elbow	3"ø-3"ø-3"ø		PCS	3		
13	ABS Tee Reducer Elbow	2"ø-2"ø-1 1/2"ø		PCS	1		
14	ABS Tee Reducer Elbow	2"ø-2"ø-2"ø		PCS	1		
15	ABS Trap P	2"ø-2"ø		PCS	1		



# PLUMBING BOM




#	PIPE FITTINGS 01						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS Vent Cap Elbow	1 1/2"ø		FT	1		
2	ABS Vent Cap Elbow	2"ø		FT	3		
3	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø		FT	1		
4	ABS Wye Combination with 8	3"ø-3"ø-2"ø		FT	1		
5	PEX 90 Degree Elbow	1/2"ø-1/2"ø		FT	33		
6	PEX 90 Degree Elbow	3/4"ø-3/4"ø		FT	5		
7	PEX Cross Elbow	3/4"ø-3/4"ø-3/4"ø-3/4"ø		FT	2		
8	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		FT	7		
9	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		FT	3		
10	PEX Transition Elbow	1"ø-3/4"ø		FT	2		
11	PEX Transition Elbow	3/4"ø-1/2"ø		FT	11		
12	PVC 90 Deg Bend Elbow	2"ø-2"ø		FT	30		
13							
14							
15							

# ARCHITECTURAL BOM


	APPLIANCES						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Refrigerator			PCS	1		
2	Range			PCS	1		
3	Washer Front Load	Stackable		PCS	1		
4	Dryer Front Load	Stackable		PCS	1		
5	Dish Washer			PCS	1		
6	Oven			PCS	0		
7	Microwave			PCS	0		
8							
9							
10							
11							
12							
13							
14							
15							
16							



# ARCHITECTURAL BOM

	CASEWORKS						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Cabinet			FT	13.81		
2	Laundry Cabinet			FT	2.25		
3	Vanity Cabinet			FT	2.5		
4	Medicine Cabinet			PCS	2		
5	Kitchen countertop			SF	28.39		
6	Laundry Countertop			PCS	1		
7	Bathroom Countertop			SF	0		
8	Island			FT	0		
9	Peninsula			FT	0		
10	Closets			SF	126		
11							
12							
13							
14							
15							
16							

# ARCHITECTURAL BOM




CEILING 01


#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	LIVING ROOM + KITCHEN + DINING			SF	273.0		
1	Ceiling Board	Drywall		SF	273		
2	Drywall Fastener	Screw		PCS	478		
3	Vapor Retarder	Polyethylene film		SF	273.0		
4	Vapor Retarder Fastener	Nails with washer heads		PCS	819.0		
	BATH ROOM			SF	41.0		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	41		
6	MRD Fastener	Screw		PCS	72		
	W/D			SF	7.0		
7	Ceiling Board	Drywall		SF	7		
8	Drywall Fastener	Screw		PCS	12		
9	Vapor Retarder	Polyethylene film		SF	7.0		
10	Vapor Retarder Fastener	Nails with washer heads		PCS	21.0		
11							
12							
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# ARCHITECTURAL BOM

	CEILING 02						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BED ROOM 1			SF	158.0		
12	Ceiling Board	Drywall		SF	158		
13	Drywall Fastener	Screw		PCS	277		
14	Vapor Retarder	Polyethylene film		SF	158.0		
15	Vapor Retarder Fastener	Nails with washer heads		PCS	474.0		
	BED ROOM 2			SF	149.0		
16	Ceiling Board	Drywall		SF	149		
17	Drywall Fastener	Screw		PCS	261		
18	Vapor Retarder	Polyethylene film		SF	149.0		
19	Vapor Retarder Fastener	Nails with washer heads		PCS	447.0		
	WH			SF	8.0		
20	Ceiling Board	Drywall		SF	8		
21	Drywall Fastener	Screw		PCS	14		
22	Vapor Retarder	Polyethylene film		SF	8.0		
23	Vapor Retarder Fastener	Nails with washer heads		PCS	24.0		

# ARCHITECTURAL BOM

	CEILING 03						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	CORRIDOR			SF	40.0		
13	Ceiling Board	Drywall		SF	40		
14	Drywall Fastener	Screw		PCS	70		
15	Vapor Retarder	Polyethylene film		SF	40.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	120.0		
	CLOSET 1			SF	23.0		
13	Ceiling Board	Drywall		SF	23		
14	Drywall Fastener	Screw		PCS	40		
15	Vapor Retarder	Polyethylene film		SF	23.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	69.0		
	CLOSET 2			SF	25.0		
13	Ceiling Board	Drywall		SF	25		
14	Drywall Fastener	Screw		PCS	44		
15	Vapor Retarder	Polyethylene film		SF	25.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	75.0		
17							
18							

ARCHITECTURAL BOM

	CEILING 02						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	FRONT PORCH			SF	117.0		
19	Ceiling Board	Marine Plywood		SF	117		
20	Exterior Grade Plywood	Screw		PCS	205		
21							
22							
23							
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# ARCHITECTURAL BOM

#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BEDROOM #1						
1	Bedroom Flooring			SF	151		
2	Wood underlay	Foam Pad Polyethylene		SF	151		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	151		
	BEDROOM #2						
4	Bedroom Flooring			SF	142		
5	Wood underlay	Foam Pad Polyethylene		SF	142		
6	Vapor Retarder	Vapor Barrier Polyethylene		SF	142		
	CL #1						
7	Closet Flooring			SF	22		
8	Wood underlay	Foam Pad Polyethylene		SF	22		
9	Vapor Retarder	Vapor Barrier Polyethylene		SF	22		
	CL#2						
10	Closet Flooring			SF	24		
11	Wood underlay	Foam Pad Polyethylene		SF	24		
12	Vapor Retarder	Vapor Barrier Polyethylene		SF	24		
13							
14							

# ARCHITECTURAL BOM

FLOORING INTERIOR 02							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	CL#3						
15	Closet Flooring			SF	7		
16	Wood underlay	Foam Pad Polyethylene		SF	7		
17	Vapor Retarder	Vapor Barrier Polyethylene		SF	7		
	LIVING ROOM AND KITCHEN						
18	Living Area Flooring			SF	276		
19	Wood underlay	Foam Pad Polyethylene		SF	276		
20	Vapor Retarder	Vapor Barrier Polyethylene		SF	276		
	BATHROOM						
21	Tile Finish			SF	25		
22	Adhesive	1/2" Thin set Mortar		SF	25		
23	Vapor Retarder	Vapor Barrier Polyethylene		SF	25		
	W/D						
24	Tile Finish			SF	8		
25	Adhesive	1/2" Thin set Mortar		SF	8		
26	Vapor Retarder	Vapor Barrier Polyethylene		SF	8		
27							
28							

ARCHITECTURAL BOM


	FLOORING INTERIOR 03						
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	HANDWASH						
29	Tile Finish			SF	13		
30	Adhesive	1/2" Thin set Mortar		SF	13		
31	Vapor Retarder	Vapor Barrier Polyethylene		SF	13		
32							
33							
34							
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39							
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41							



# ARCHITECTURAL BOM

#	FLOORING EXTERIOR						
	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	
	STRUCTURE			SF	1040		
1	Concrete Slab	4"concrete cast in situ		CF	346.8		
2	Insulation	Rigid insulation		SF	199		
3	Hard core	Compacted soil		CF	194.33		
4	Re-bar	#4 re-bar		Ton	1.02		
5	Concrete Pad	4"concrete cast in situ		CF	1.58		
6	Slab edge	Turndown		CF	267.42		
7	Footing	Cast-in-place concrete		CF	23.2		
	PORCH						
1	Tile Finish			SF	292		
2	Adhesive	1/2" Thin set Mortar		SF	292		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	292		

# ARCHITECTURAL BOM


	WALLS: EXTERIOR						
	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
1	Exterior-Grade Plywood	Horizontal Siding		SF	779		
2	Exterior-Grade Plywood Faste	Self-drilling screws(100/pkt)		PKT	7.79		
3	Wall Shteathing (OSB)			SF	779		
4	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	7.79		
5	Wall Homewrap			SF	779		
6	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	3.0		
7	Furring Strip			PCS	97.4		
8	Furring Strip Fastener	Self-drilling screws(100/pkt)		PKT	7.79		
9	Wall Paint			SF	779		
10	Stone Copping	Masonry stone		SF	6		
11	Stone Veneer	Masonry stone		SF	32		
12	Mortar for Stone Veneer			SF	32		
13	Wall Insulation			SF	1746		
14							
15							

# ARCHITECTURAL BOM


WALLS: INTERIOR 01							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BATHROOM			SF	299		
1	Cementitious Backer Board			SF	299		
2	Kerdi membrane			SF	299		
3	Kerdi membrane Fastener			SF	299		
4	Wall Ceramic Tile			SF	299		
	BEDROOM			SF	321		
5	Drywall Board			SF	321		
6	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.21		
7	Wall Paint			SF	321		
8	Drywall Tape			FT	60.2		
	HALL			SF	91		
9	Drywall Board			SF	91		
10	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.91		
11	Wall Paint			SF	91		
12	Drywall Tape			FT	17.1		
13							
14							
15							




# ARCHITECTURAL BOM

	WALLS: INTERIOR 02						
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	LIVING ROOM			SF	243		
16	Drywall Board			SF	243		
17	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.43		
18	Wall Paint			SF	243		
19	Drywall Tape			FT	45.6		
	KITCHEN			SF	150		
20	Cementitious Backer Board			SF	24		
21	Drywall Board			SF	150		
22	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.5		
23	Kerdi membrane			SF	24		
24	Kerdi membrane Fastener			SF	24		
25	Wall Ceramic Tile			SF	24		
26	Wall Paint			SF	150		
27	Drywall Tape			FT	28.3		
28							
29							

# ARCHITECTURAL BOM

	WALLS: INTERIOR 03						
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	CLOSET 1			SF	131		
30	Drywall Board			SF	131		
31	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.31		
32	Wall Paint			SF	131		
33	Drywall Tape			FT	24.6		
	CLOSET 2			SF	102		
34	Drywall Board			SF	102		
35	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.02		
36	Wall Paint			SF	102		
37	Drywall Tape			FT	19.1		
	WASHROOM			SF	82		
38	Cementitious Backer Board			SF	82		
39	Kerdi membrane			SF	82		
40	Kerdi membrane Fastener			SF	82		
41	Wall Ceramic Tile			SF	82		

# ARCHITECTURAL BOM


	WALLS: INTERIOR 04						
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	WD			SF	69		
42	Cementitious Backer Board			SF	69		
43	Kerdi membrane			SF	69		
44	Kerdi membrane Fastener			SF	69		
45	Wall Ceramic Tile			SF	69		
	WH			SF	70		
46	Drywall Board			SF	70		
47	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.7		
48	Wall Paint			SF	70		
49	Drywall Tape			FT	13		
50	Wall Skirting	Ceramic		FT	90.3		
51							
52							
53							




# 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' - 8" X 6'-8"		PCS	1		
3	Interior Swinging	2' - 4" X 6'-8"		PCS	1		
4	Front Door With Sidelight	5' - 5" X 7'- 0"		PCS	1		
5	Interior Sliding	7' - 6" X 6'-8"		PCS	1		
6	Interior Sliding	5' - 0" X 6'-8"		PCS	1		
7	Patio Sliding	5' - 0" X 6'-8"		PCS	1		
8	Exterior Door Trim			FT	37.7		
9	Interior Door Trim			FT	249.5		
10	Entry Lock set			PCS	2		
11	Privacy Lock set			PCS	2		
12	Passage Lock set			PCS	3		
13							
14							
15							

# ARCHITECTURAL BOM

<div>WINDOWS</div>							
#	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	1		
3	Sliding	3' - 3" X 3'-3"		PCS	2		
4	Sliding	5' - 3" X 3'-3"		PCS	1		
5	Sliding	6' - 3" X 3'-3"		PCS	1		
6	Sliding	3' - 3" X 2'-3"		PCS	1		
	Exterior Window Trim			FT	108.4		
	Interior Window Trim			FT	108.4		
9							
10							
11							
12							
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14							
15							

# ARCHITECTURAL BOM

	ROOF 01						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Roof Covering			SF	1022.0		
2	Roof Covering Fastener			PCS	511		
3	Roof Felt Paper			SF	1022.0		
4	Roof Felt Paper Fastener			PCS	3066.0		
5	Roof Sheathing			SF	1022.0		
6	Roof Sheathing Fastener			PCS	8176		
7	Batten			FT	0.0		
8	Batten Fastener			PCS	0.0		
9	Soffit			SF	92.0		
10	Soffit Fastener			PCS	46.0		
11	Fascia			FT	147.0		
12	Fascia board fastener			PCS	74		
13	Roof Insulation			SF	1022.0		