



# WISDOM

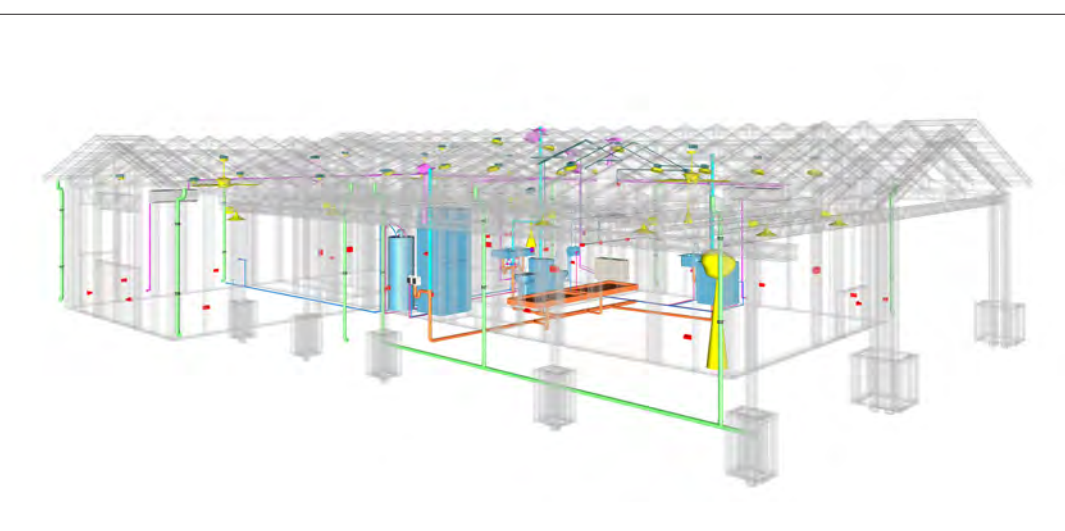
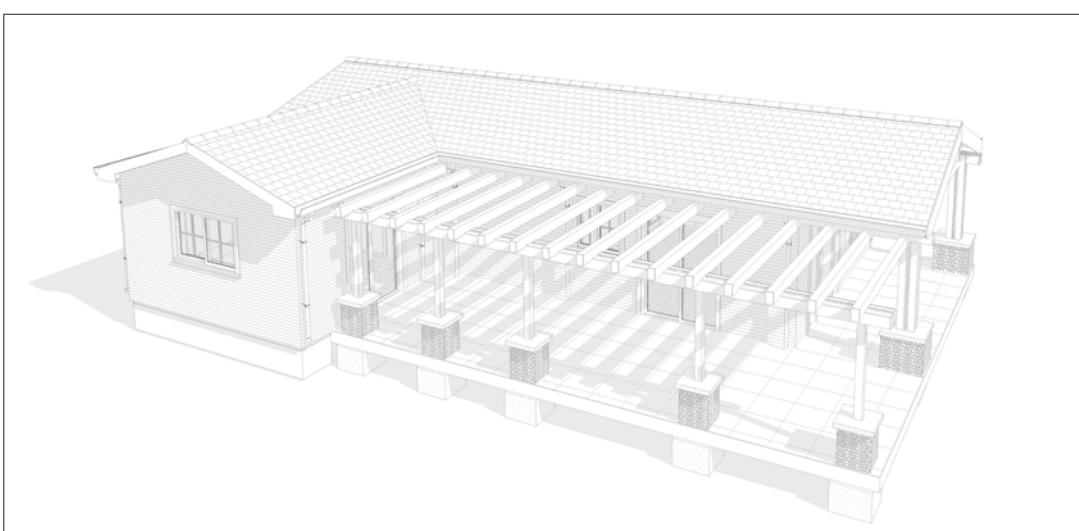
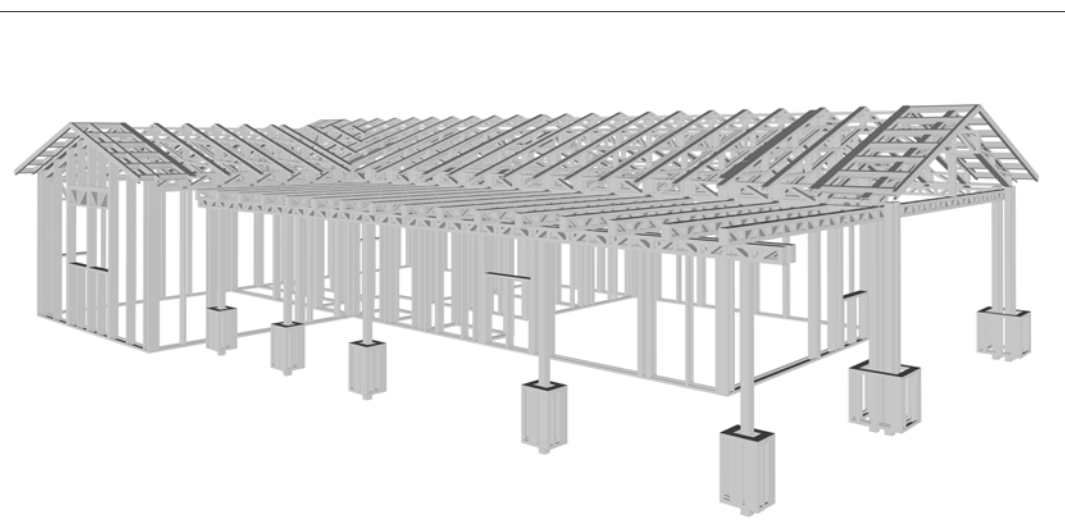
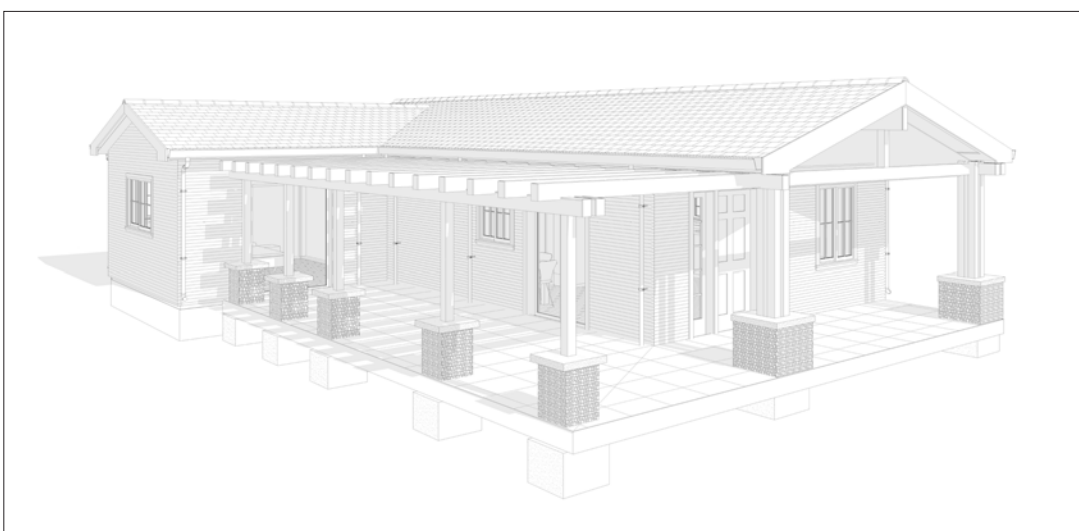
The Wisdom is a charming craftsman style 2 bedroom 2 bathroom home with a warm and inviting exterior. The classic gable roof, covered porch with sturdy columns, and decorative trim details create a timeless aesthetic. The covered porch with wooden beams offers a shaded outdoor space, perfect for relaxing or entertaining. The inside of this home offers an open plan hosting living, dining and two bedrooms. This creates both functional and efficient layout while maintaining a spacious feel.

## Materials Shopping List

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

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

< CLICK HERE >  
To Go To Materials Shopping List



# FLOOR PLAN

- 909 SF
- 2 Bed Rooms
- 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.

## KEY PLAN

NO.	DESCRIPTION	DATE

## NOTE:

## LEGEND:

## PROJECT

12-Wisdom-909-  
2Bd2Ba-  
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.

## SCALE:

1101





GENERAL NOTES

- 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.
- THE ARCHITECTURAL DRAWINGS ARE PREPARED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
- 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.
- 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:

- 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.
- 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.
- 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.

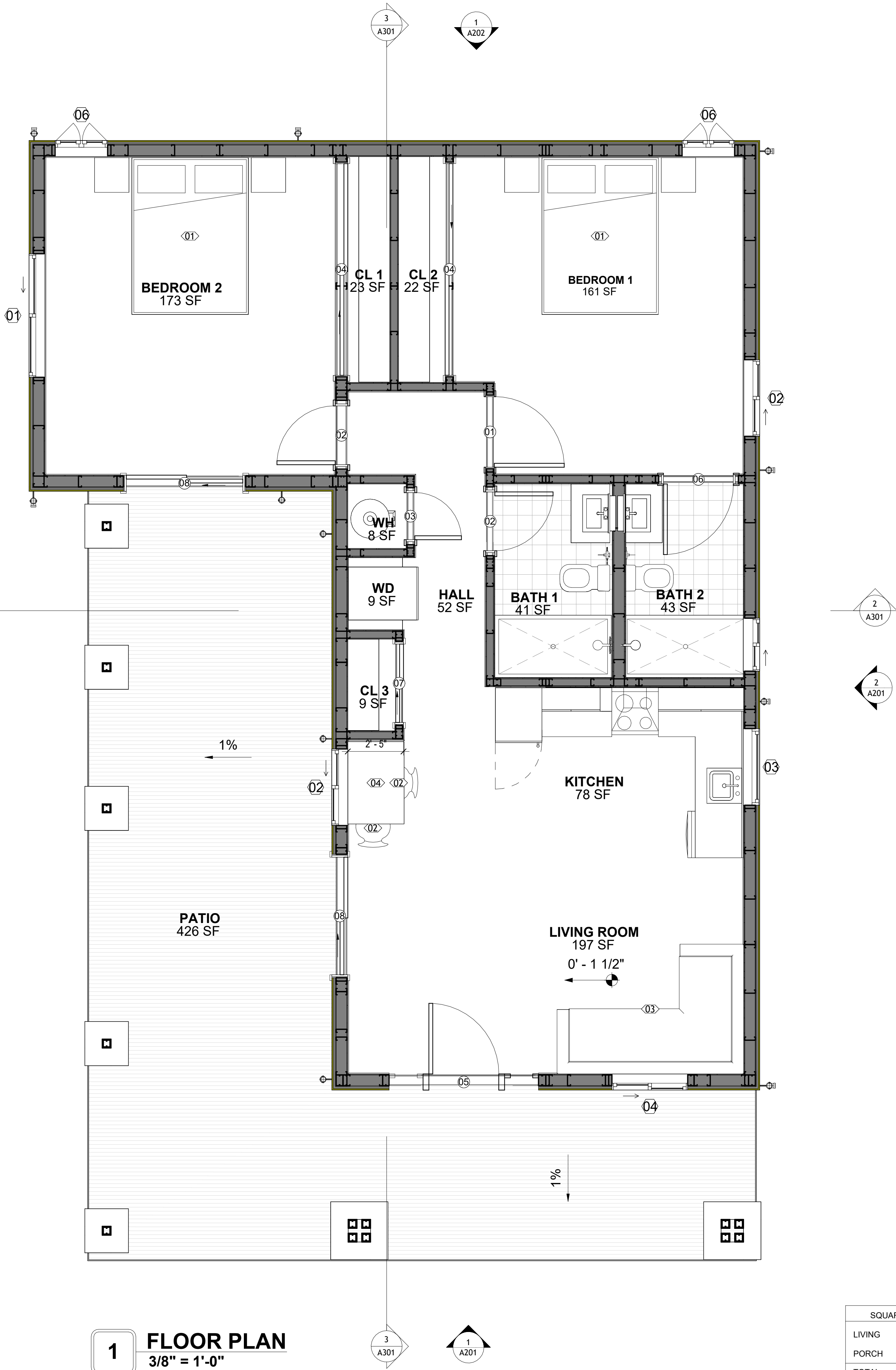
REFER TO SHEETS **A201** & **A202** FOR GENERAL NOTES ON EXTERNAL FINISHING MATERIALS

ABOUT FLOORS:

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

FURNITURE SCHEDULE A		
TYPE MARK	TYPE	COUNT
01	KING SIZE BED	2
02	DINING CHAIR	2
03	FOUR SIT 65" X 95"	1
04	25" X 60" DINING 2	1

ROOM FINISH SCHEDULE A							
ROOM NUMBE R	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COMMENT S
01	BATH 1	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
02	BEDROOM 1	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
03	BATH 2	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
04	KITCHEN	HARDWOOD	CONCRETE	WALL PAINTT + CERAMIC	DRY WALL	8' - 0"	
05	LIVING ROOM	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
06	CL 3	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
07	WD	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
08	WH	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
09	CL 2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
10	CL 1	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
11	PATIO	PROCELAIN TILE	CONCRETE	EXTERIOR-GRADE PLYWOOD	PLYWOOD	8' - 0"	
12	BEDROOM 2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
13	HALL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	



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

SQUARE FOOTAGE	
LIVING	909
PORCH	465
TOTAL	1,374

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

**12-Wisdom-909-2Bd/2Ba-  
Craftsman-550**

DRAWING NAME

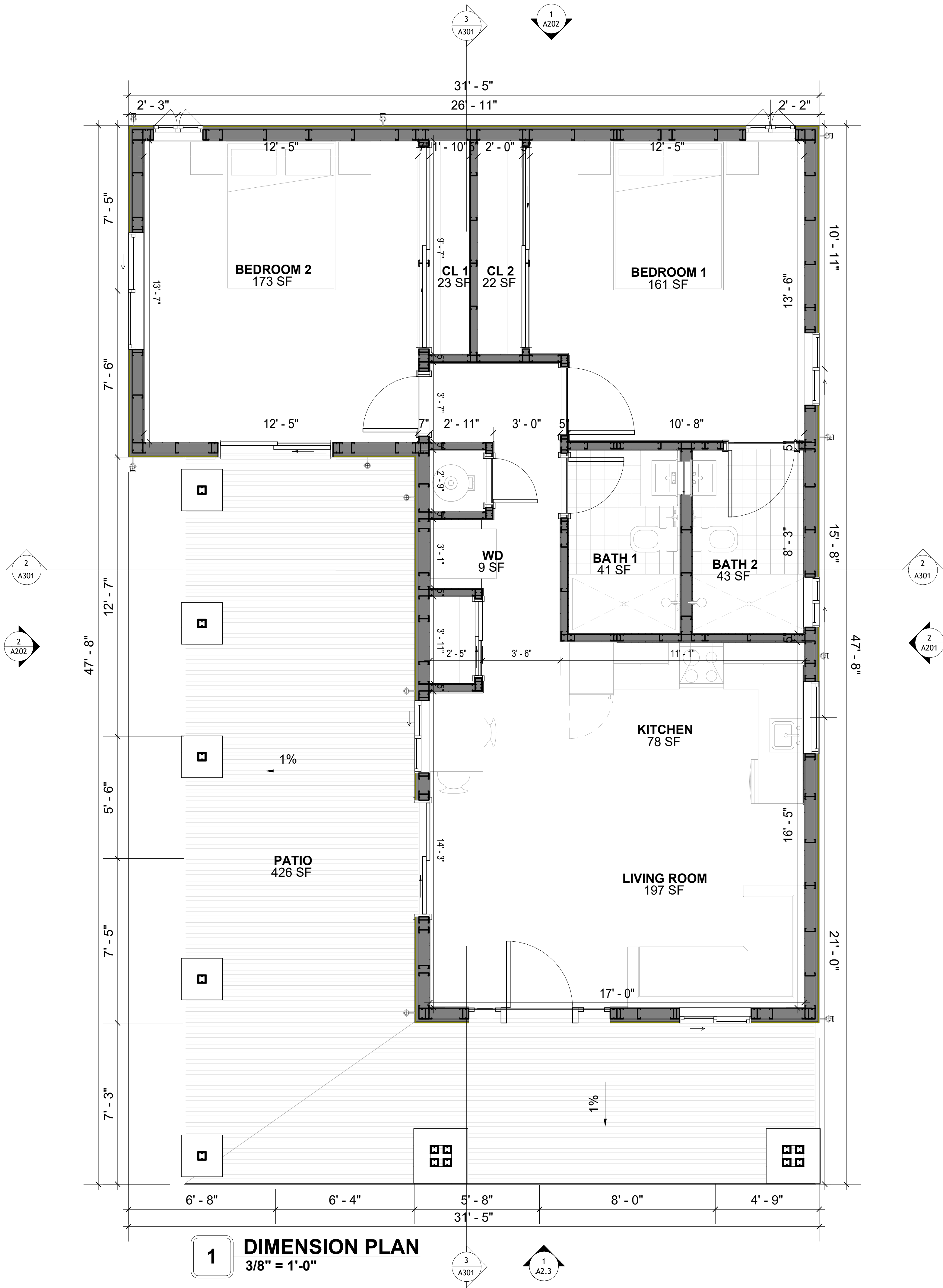
**FLOOR PLAN**

CLIENT NAME:	<b>Client Name</b>
PROJECT NUMBER:	<b>0033_15</b>
DATE:	<b>1/27/2025 3:21:22 PM</b>
DESIGNED BY:	<b>Designer</b>
DRAWN BY:	<b>Author</b>
CHECKED BY:	<b>Checker</b>

**A101**

SCALE: **As indicated**

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



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

SQUARE FOOTAGE	
LIVING	909
PORCH	465
TOTAL	1,374

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

**12-Wisdom-909-2Bd/2Ba-Craftsman-550**

DRAWING NAME

**FLOOR DIMENSION PLAN**

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:26 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

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.

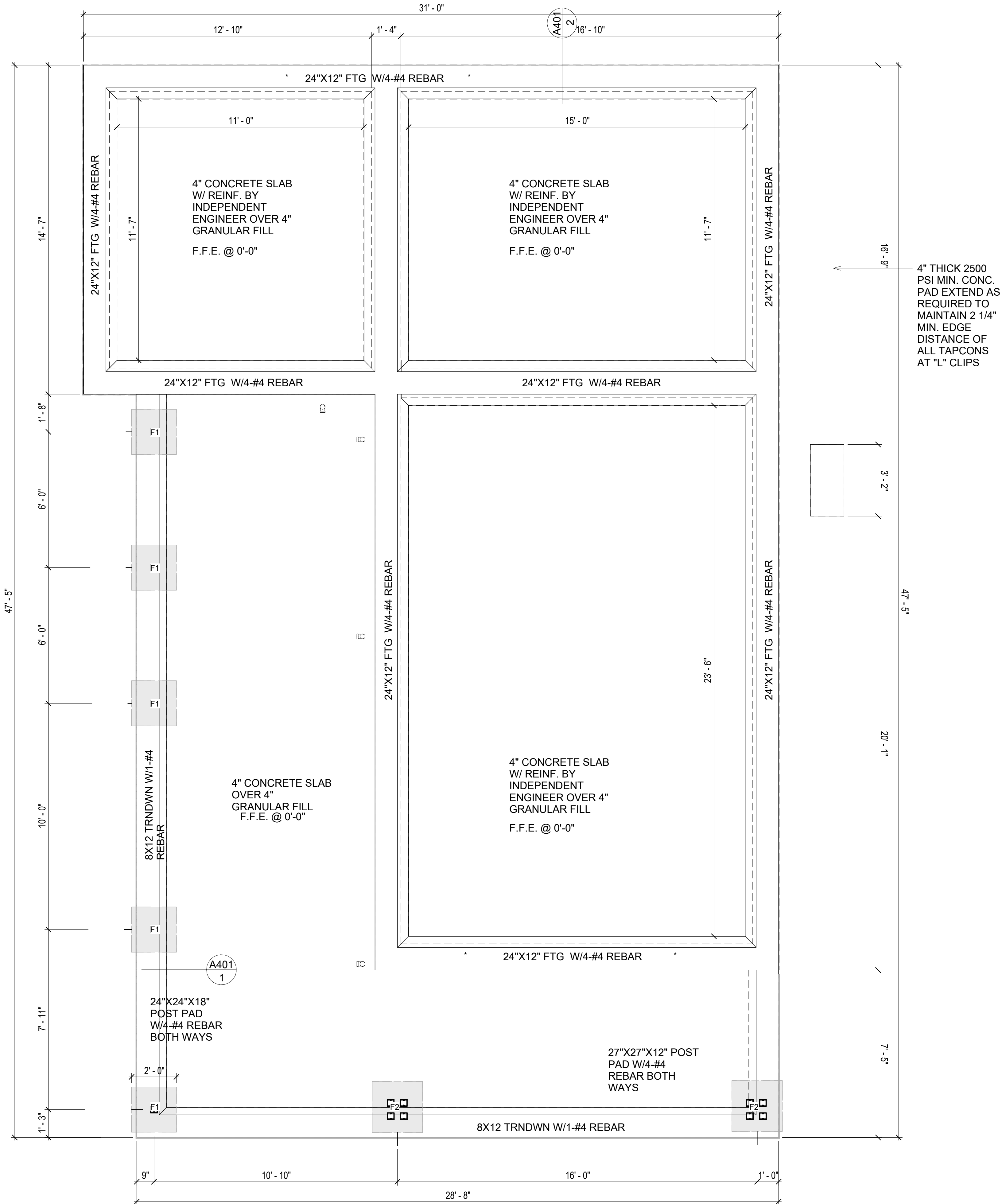
3. **CONCRETE CONSTRUCTION:**  
- THE SLAB SHALL BE UNDERLAIN BY A VAPOR BARRIER/RETARDER IN THE LIVING AREA (TYPICALLY POLYETHYLENE, UNLESS MORE STRINGENT PROTECTION REQUIRED BY THE ARCHITECT, ENGINEER, FLOOR COVERING MANUFACTURER, OR ACCEPTED PRACTICE). UNLESS OTHERWISE REQUIRED, BARRIER MAY BE OMITTED 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	909
PORCH	465
TOTAL	1,374

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba-Craftsman-550

DRAWING NAME

FOUNDATION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:27 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:

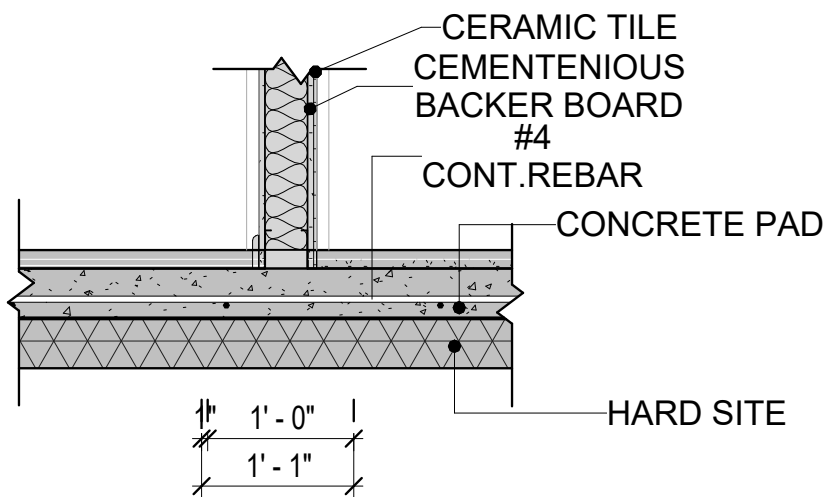
- A) FOOTING = 40,000 PSI  
B) NON-LOAD BEARING WALLS AND PARAPETS= 40,000 PSI

- 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.

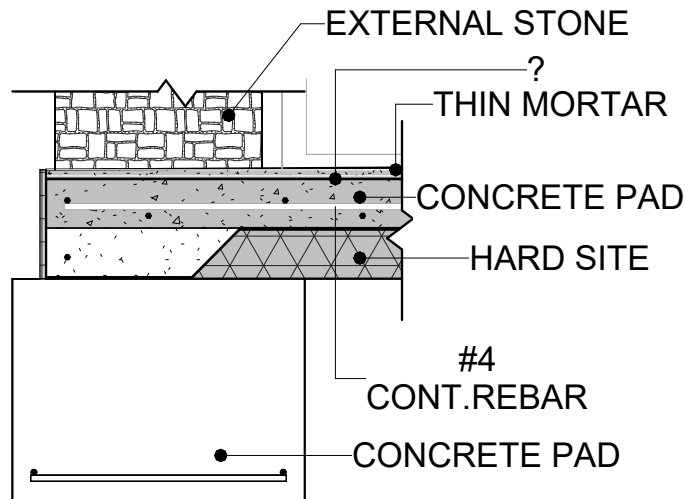
NOTE:  
- THIS IS A SCHEMATIC PLAN FOR THE PURPOSE OF LOCATING AND IDENTIFYING FOUNDATION REINFORCING ELEMENTS ONLY. VERIFY ALL DIMENSIONS, DROPS, OFFSETS AND FEATURES WITH THE ARCHITECTURAL PLANS BEFORE FORMING THE FOUNDATION.

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

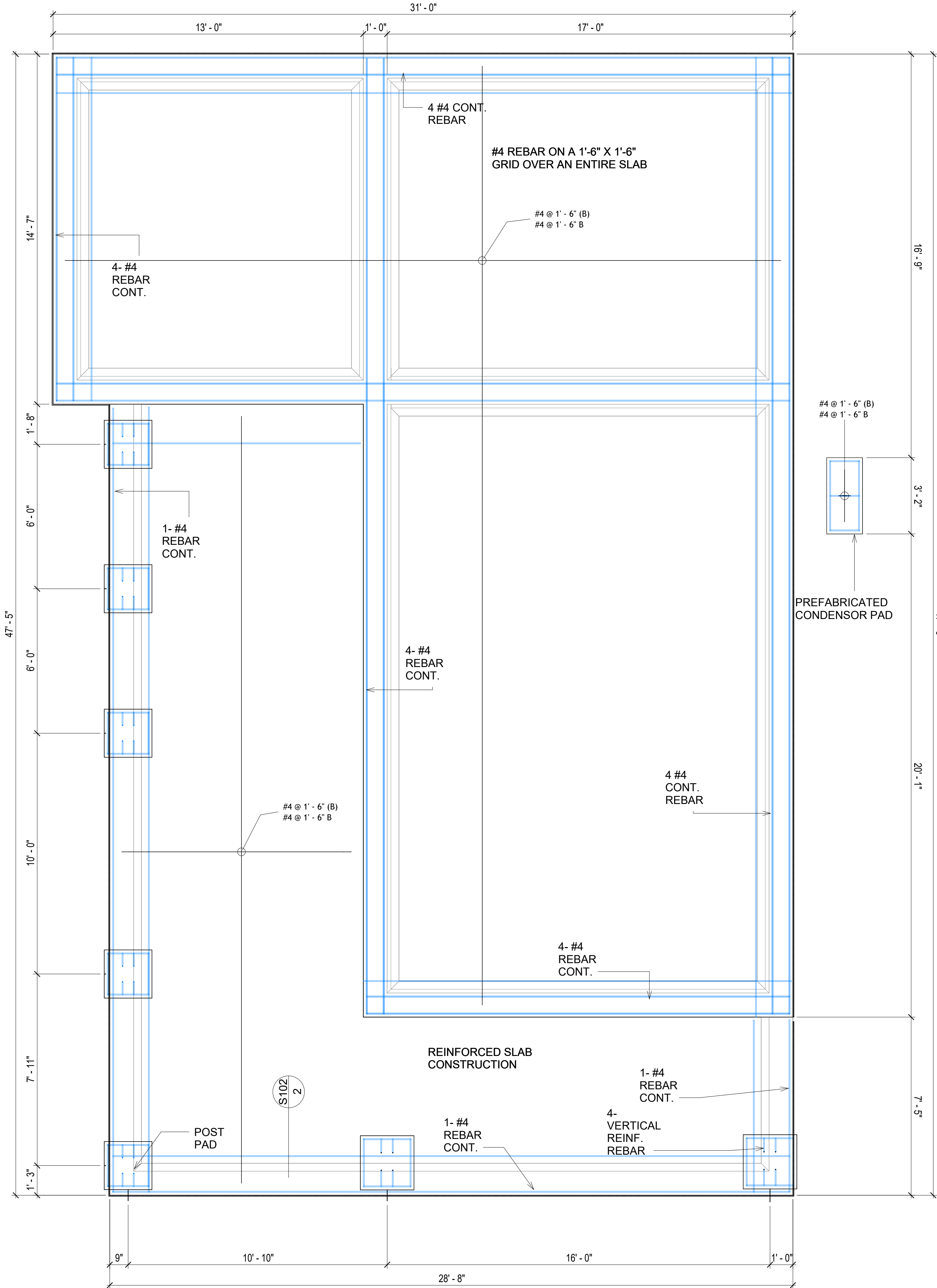


2 TYPICAL WALL FTG DETAIL  
3/4" = 1'-0"

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



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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba-  
Craftsman-550

DRAWING NAME

STRUCTURAL FLOOR PLAN

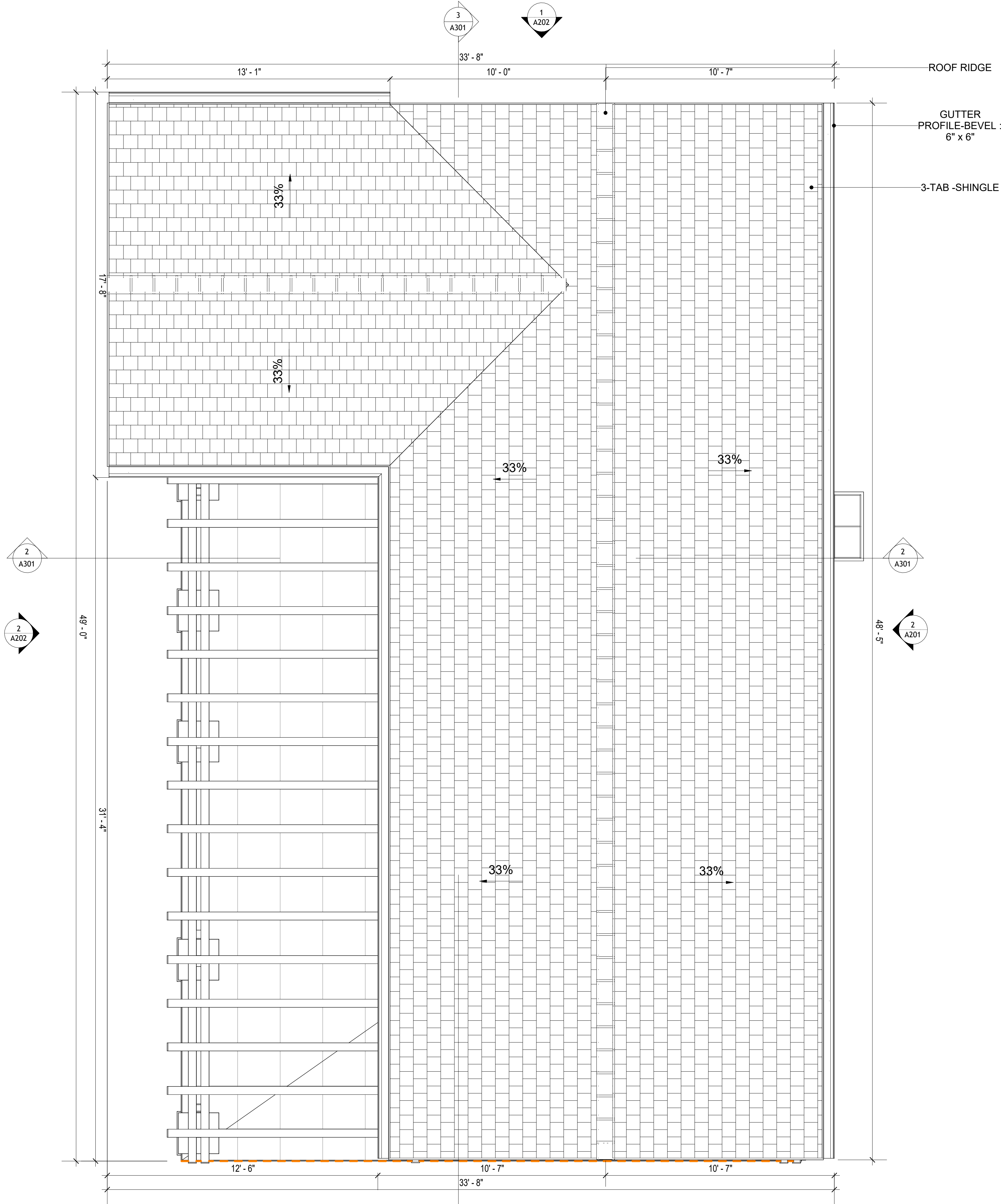
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PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:29 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

S102

SCALE: As indicated

ROOF NOTES

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



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

SQUARE FOOTAGE	
LIVING	909
PORCH	465
TOTAL	1,374

KEY PLAN

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NOTE:

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PROJECT

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Craftsman-550

DRAWING NAME

ROOF PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:36 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

SCALE: As indicated

## 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 MANUFACTURED STONE

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

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

## CEDAR WOOD

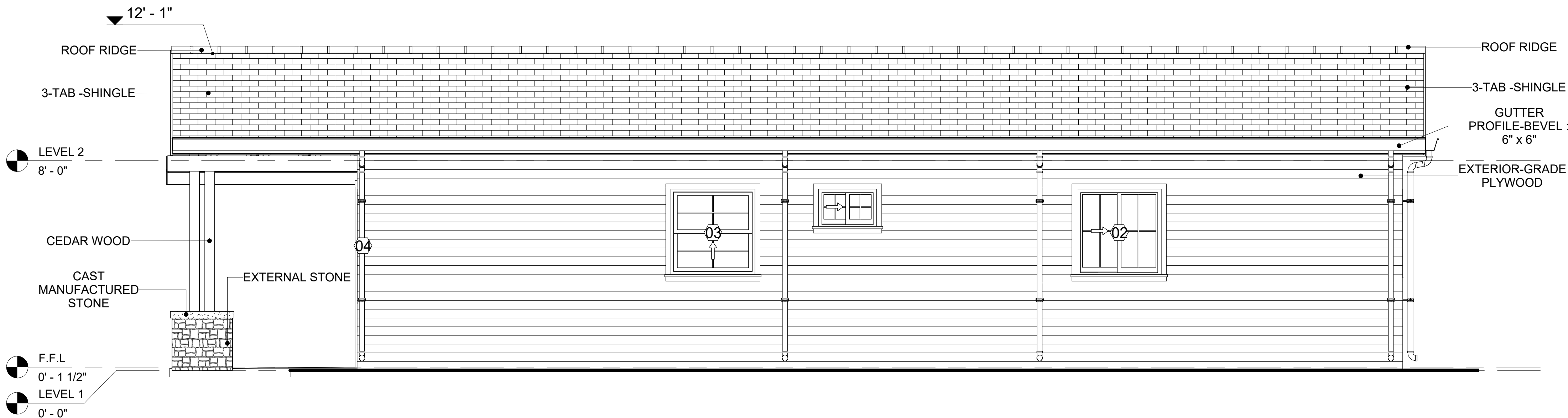
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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

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



## 1 FRONT ELEVATION



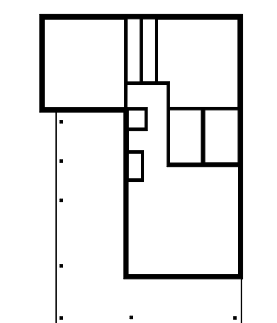
## 2 RIGHT SIDE ELEVATION

DOOR SCHEDULE						
TYPE MAR K	SUPPLIER	DOOR TYPE	LOCATION	SIZE		COUNT
				WIDTH	HEIGHT	
01	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	3' - 0"	6' - 8"	1
02	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 6"	6' - 8"	2
03	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 0"	6' - 8"	1
04	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	9' - 0"	6' - 8"	2
05	HOME DEPOT	FRONT_DOOR_W_HEADER_AND_SIDE LIGH TS_8215	INTERIOR	3' - 0"	7' - 0"	1
06	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	3' - 0"	6' - 8"	1
07	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	3' - 4"	6' - 8"	1
08	HOME DEPOT	PATIO DOUBLE PANEL SLIDING	INTERIOR	5' - 0"	6' - 8"	2

WINDOW SCHEDULE					
TYPE MARK	SUPPLIER	WINDOW TYPE	SIZE		COUNT
			WIDTH	HEIGHT	
01	HOME DEPOT	SLIDING	5' - 3"	3' - 3"	1
02	HOME DEPOT	SLIDING	3' - 3"	3' - 3"	2
03	HOME DEPOT	SINGLE HUNG	3' - 3"	3' - 3"	1
04	HOME DEPOT	SLIDING	3' - 3"	4' - 3"	1
05	HOME DEPOT	SLIDING	2' - 3"	1' - 5"	1
06	HOME DEPOT	DOUBLE HUNG	2' - 3"	3' - 3"	2



## KEY PLAN

[illegible]

**NOTE:**

**LEGEND:**

PROJECT

**12-Wisdom-909-2Bd/2Ba-  
Craftsman-550**

DRAWING NAME

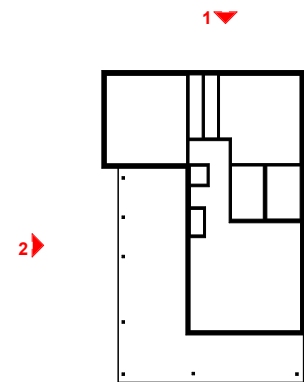
## ARCHITECTURAL ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:44 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

# A201

SCALE: As indicated

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba-  
Craftsman-550

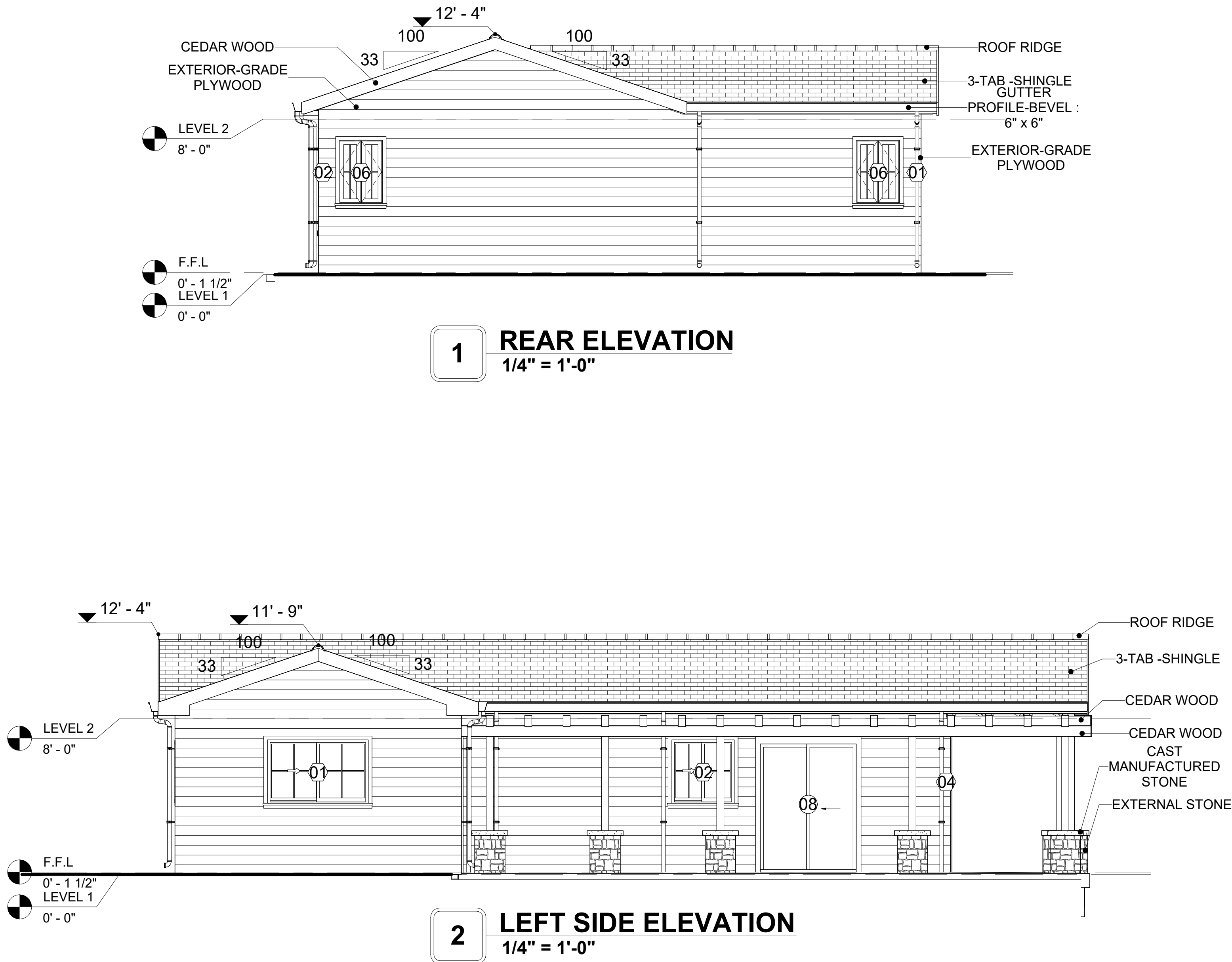
DRAWING NAME

ARCHITECTURAL ELEVATIONS

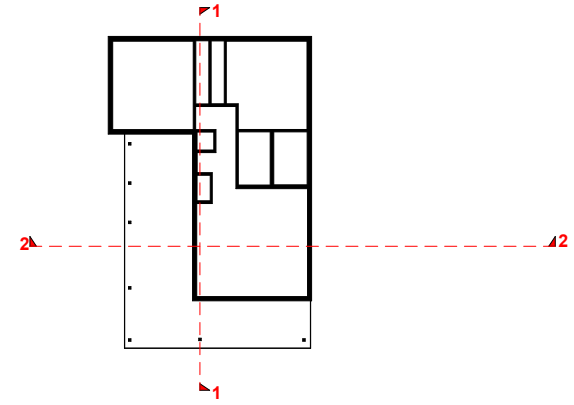
CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:49 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A202

SCALE: As indicated



KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba-  
Craftsman-550

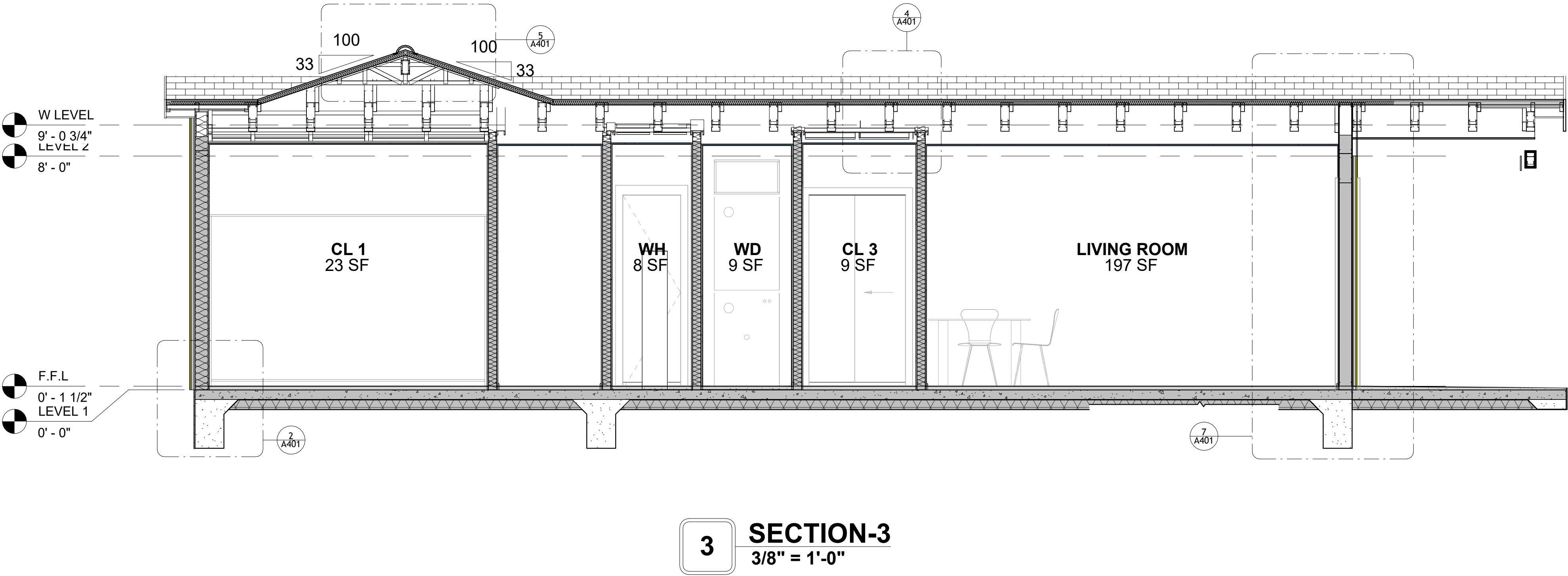
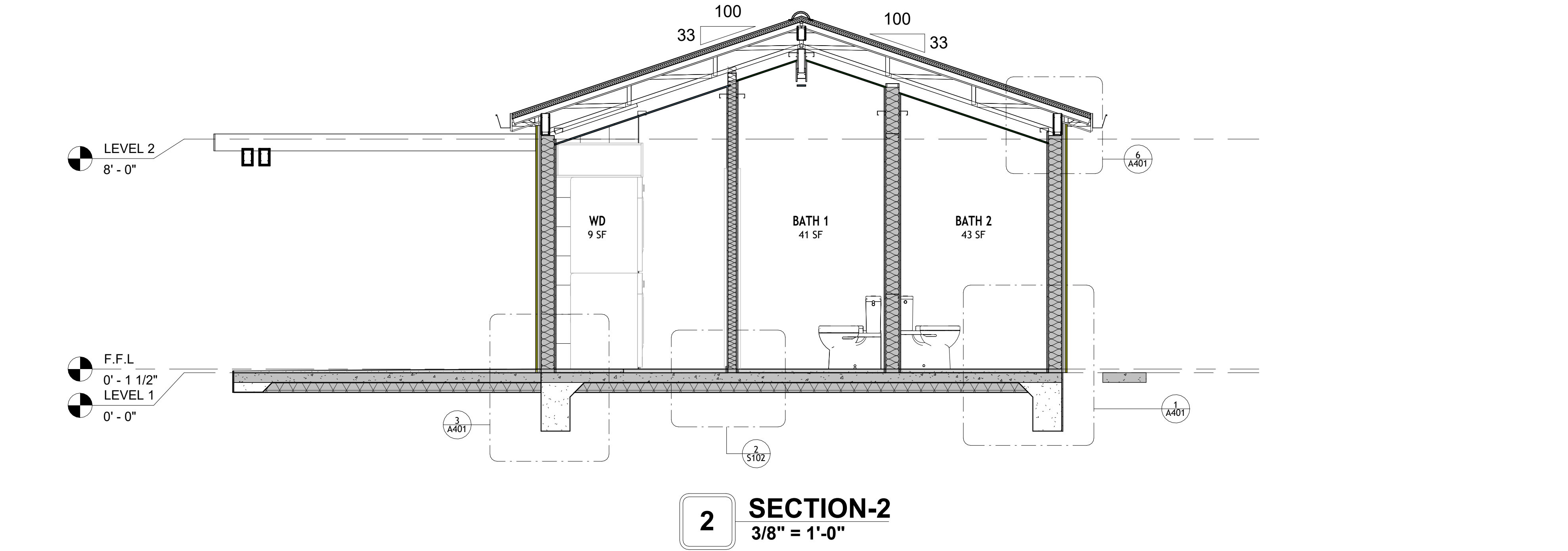
DRAWING NAME

ARCHITECTURAL SECTIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:51 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A301

SCALE: As indicated



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba-  
Craftsman-550

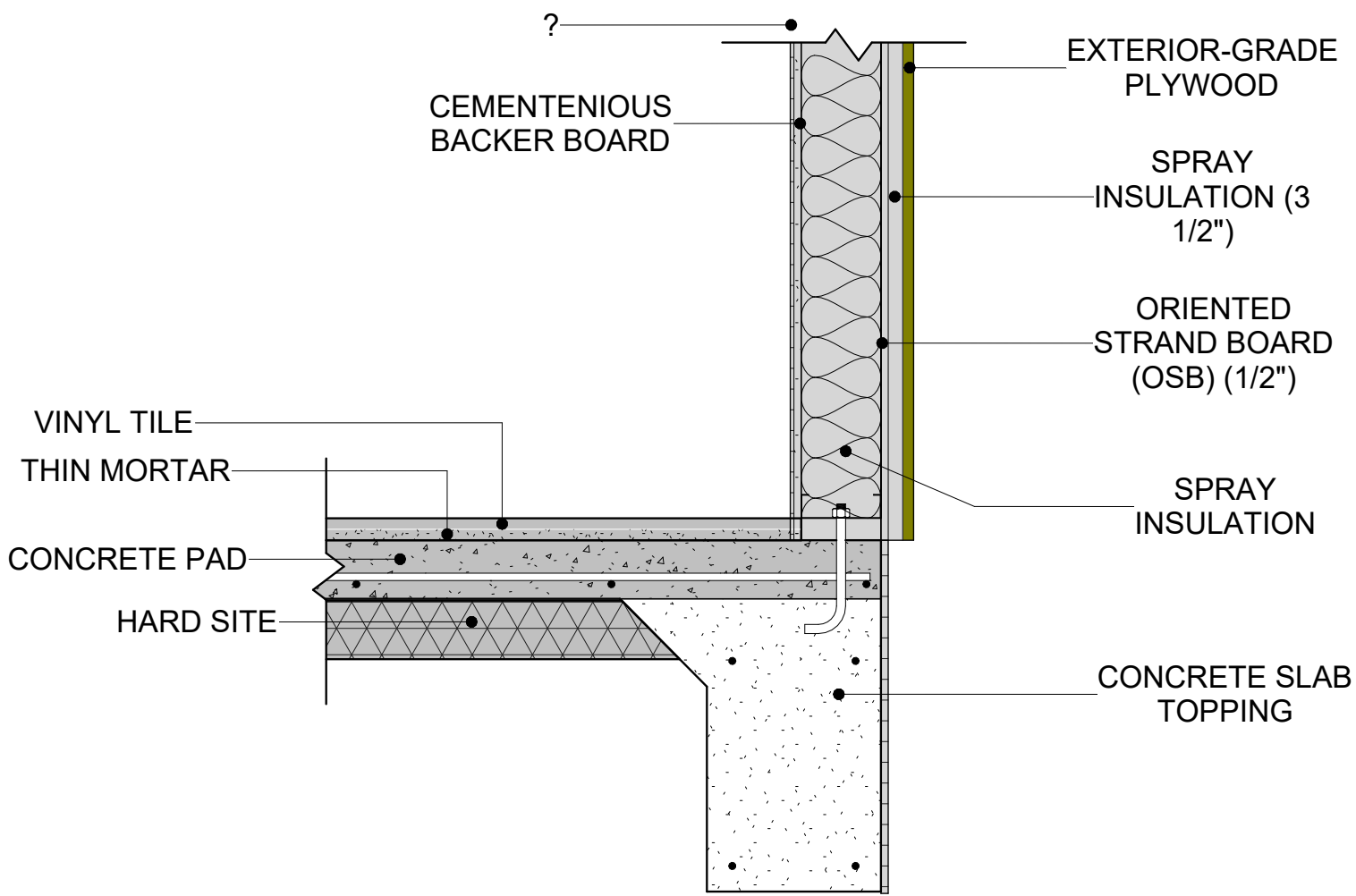
DRAWING NAME

ARCHITECTURAL DETAILS

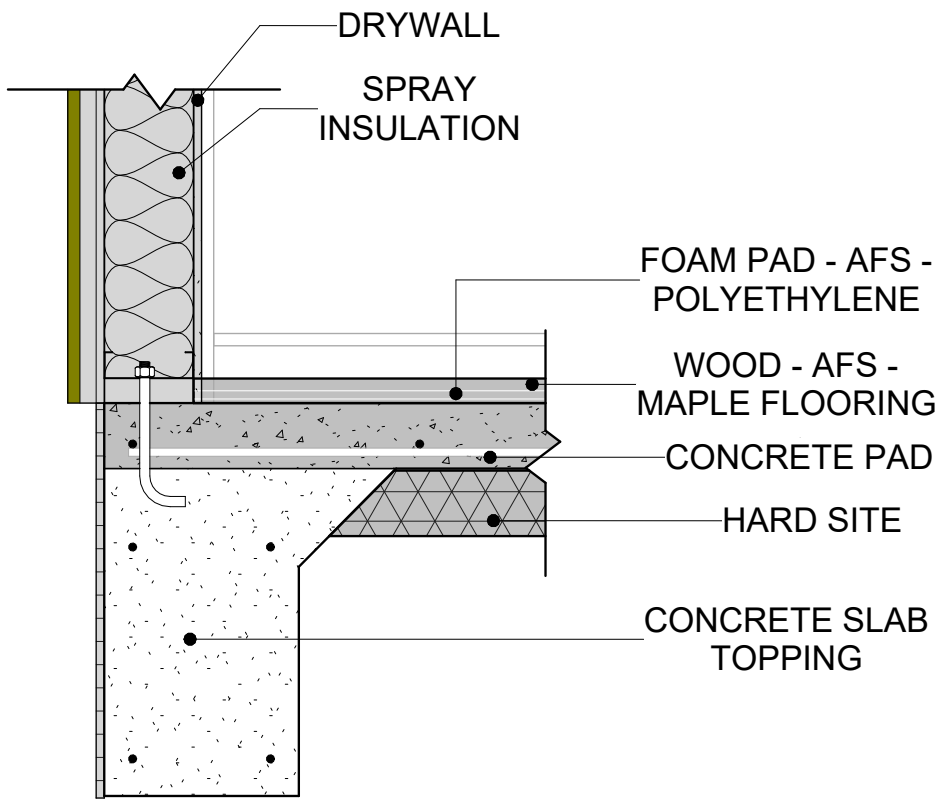
CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:53 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A401

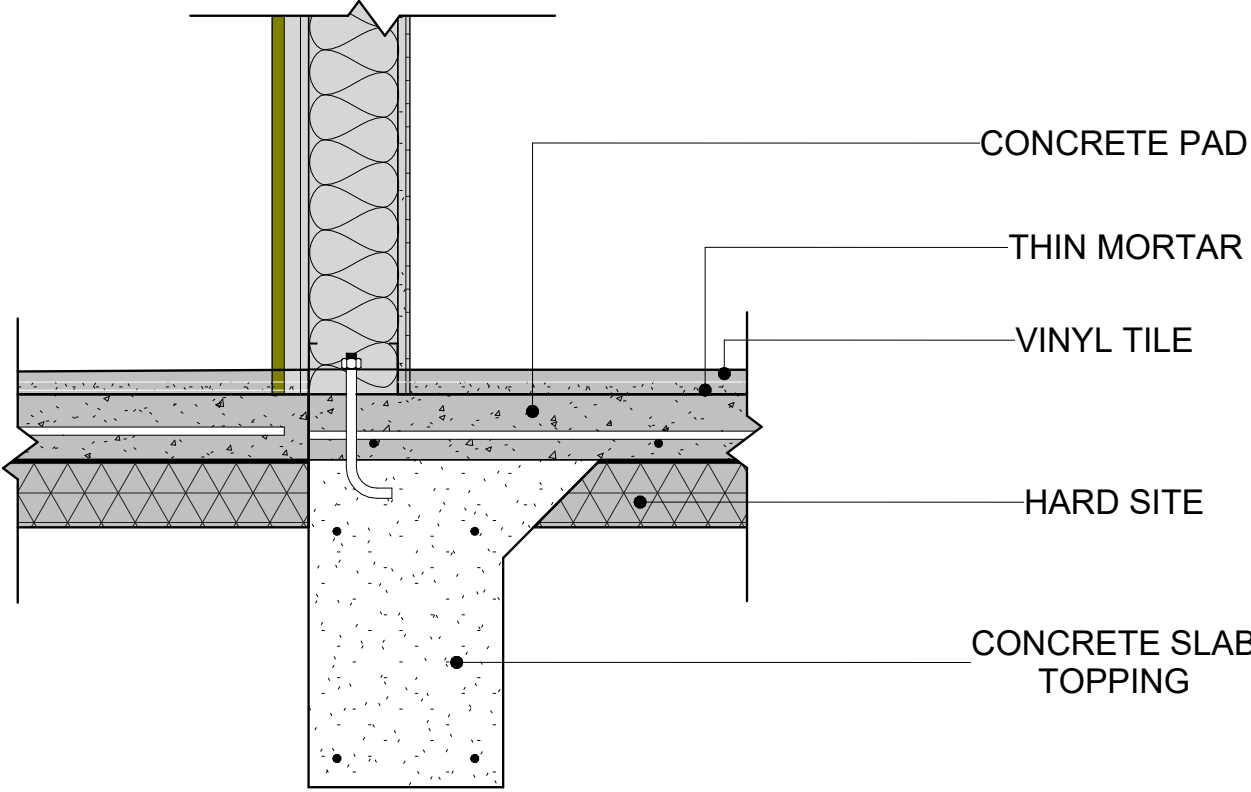
SCALE: 1" = 1'-0"



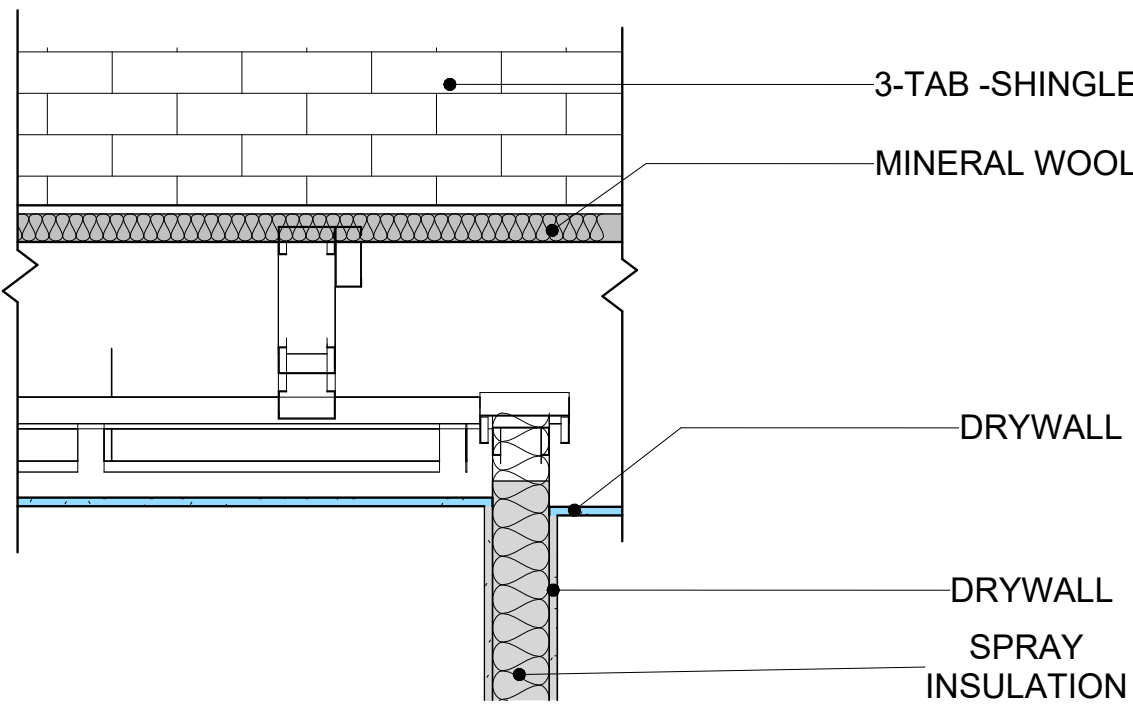
1 TYPICAL WALL FTG  
1" = 1'-0"



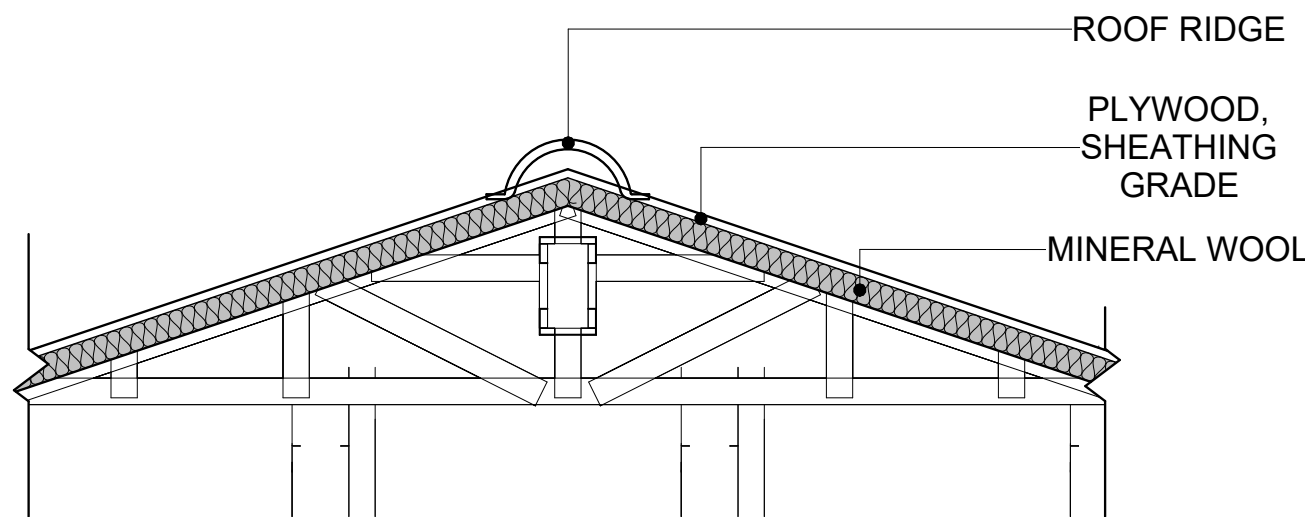
2 TYPICAL WALL FTG2  
1" = 1'-0"



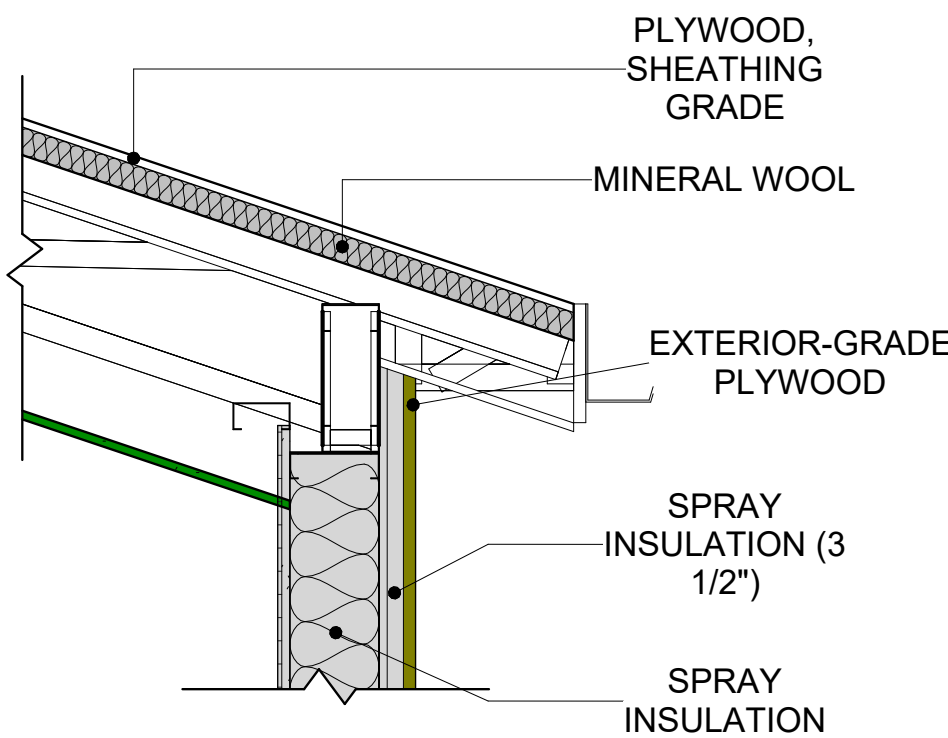
3 WALL TO FLOOR CONN.  
1" = 1'-0"



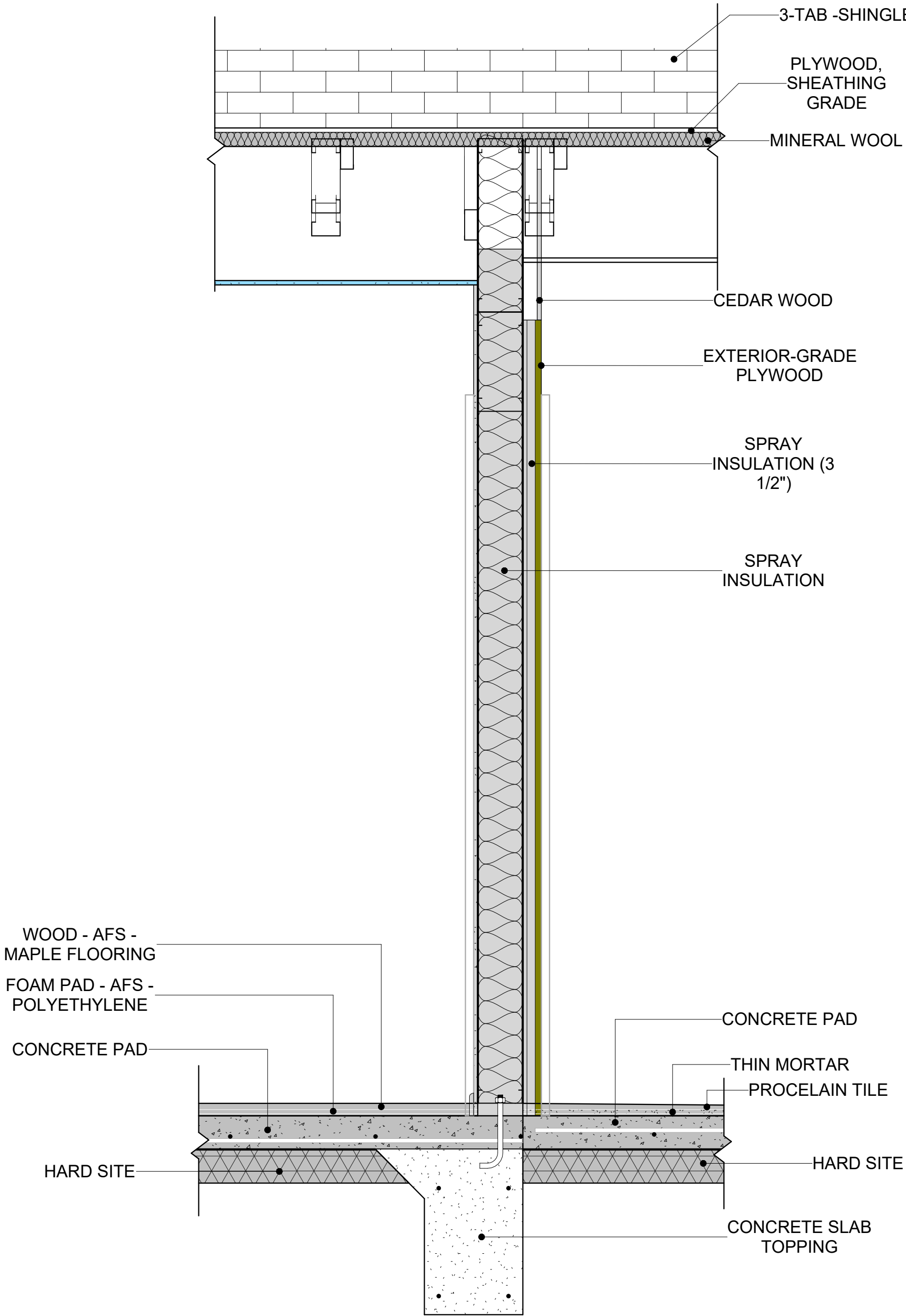
4 ROOF ON WALL  
1" = 1'-0"



5 ROOF/TRUSS CONN.  
1" = 1'-0"



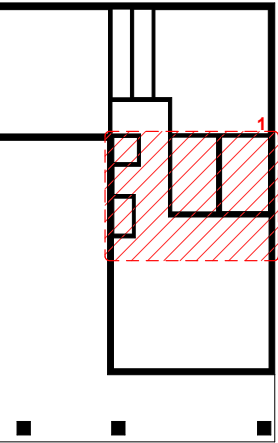
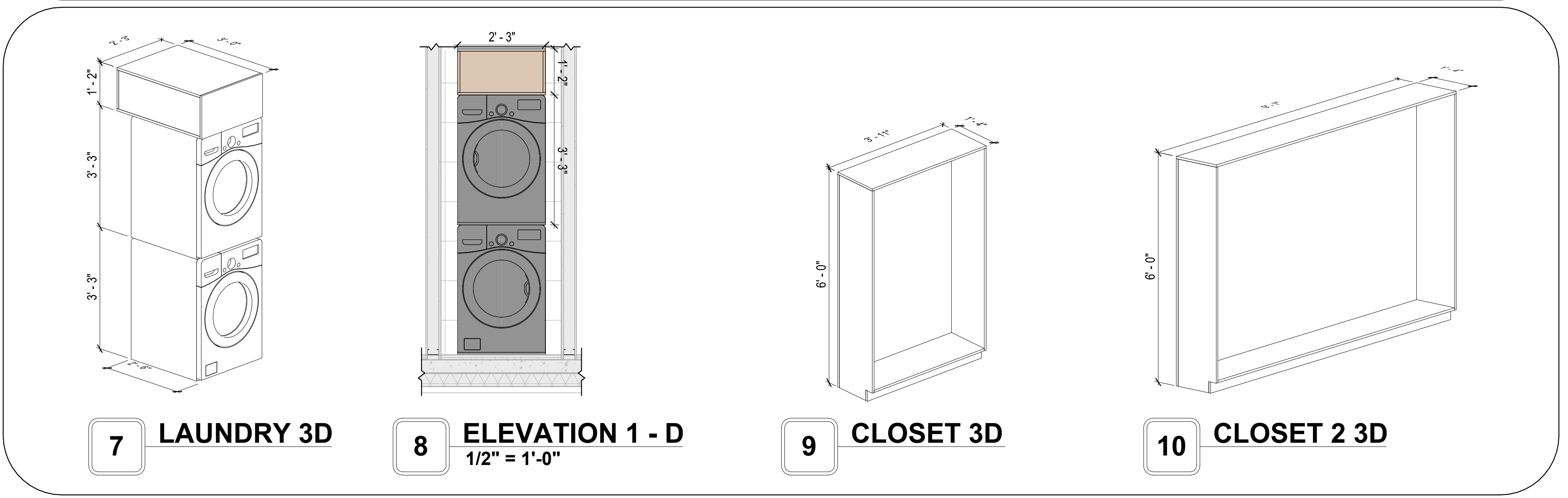
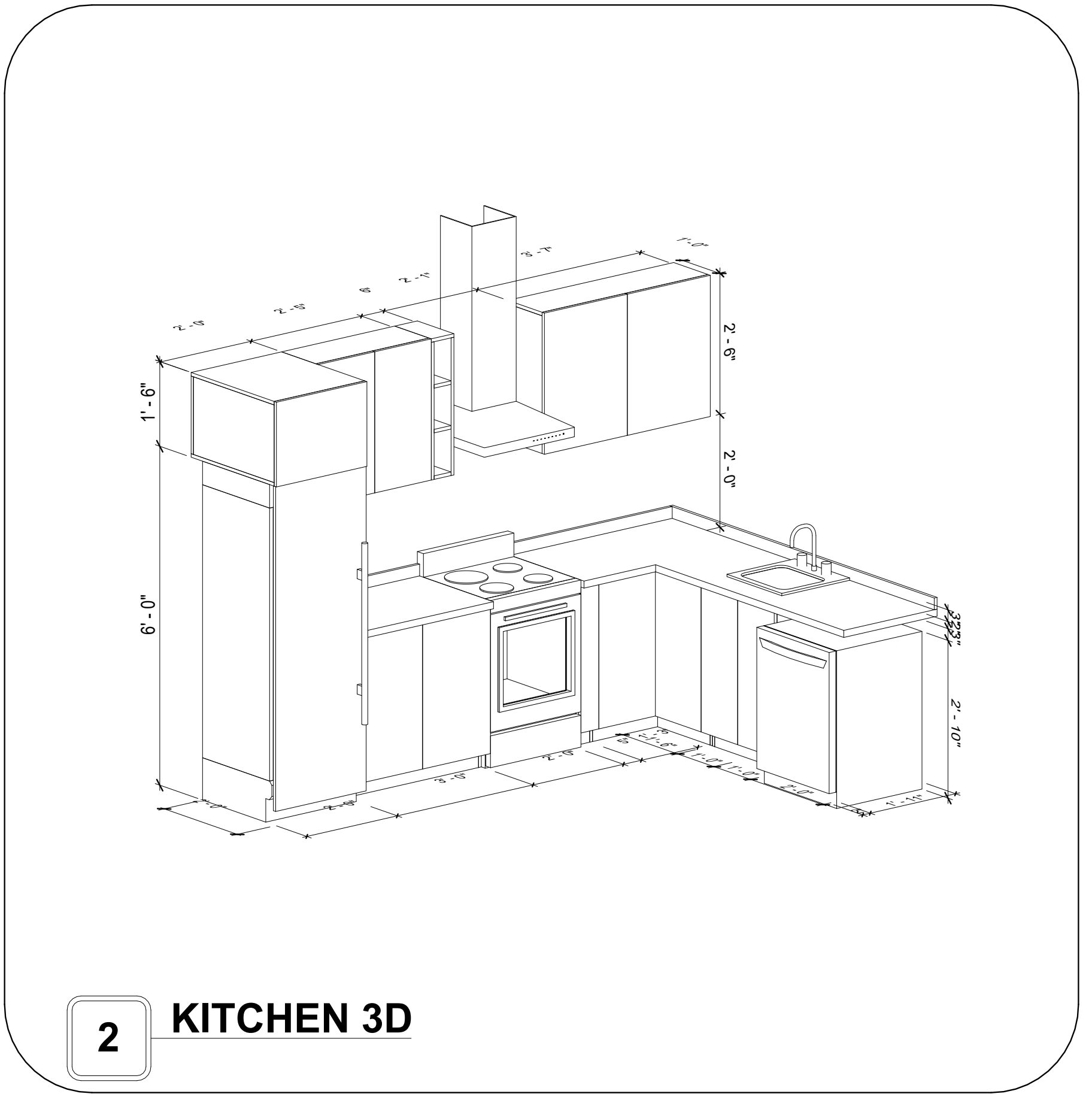
6 TYPICAL WALL FTG DETAIL 1  
1" = 1'-0"



7 BUILDING SECTION  
1" = 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.
12. CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT.

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

[illegible]

**NOTE:**

**LEGEND:**

PROJECT

**12-Wisdom-909-2Bd/2Ba-  
Craftsman-550**

DRAWING NAME

## ARCHITECTURAL CASEWORK

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	1/27/2025 3:21:57 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

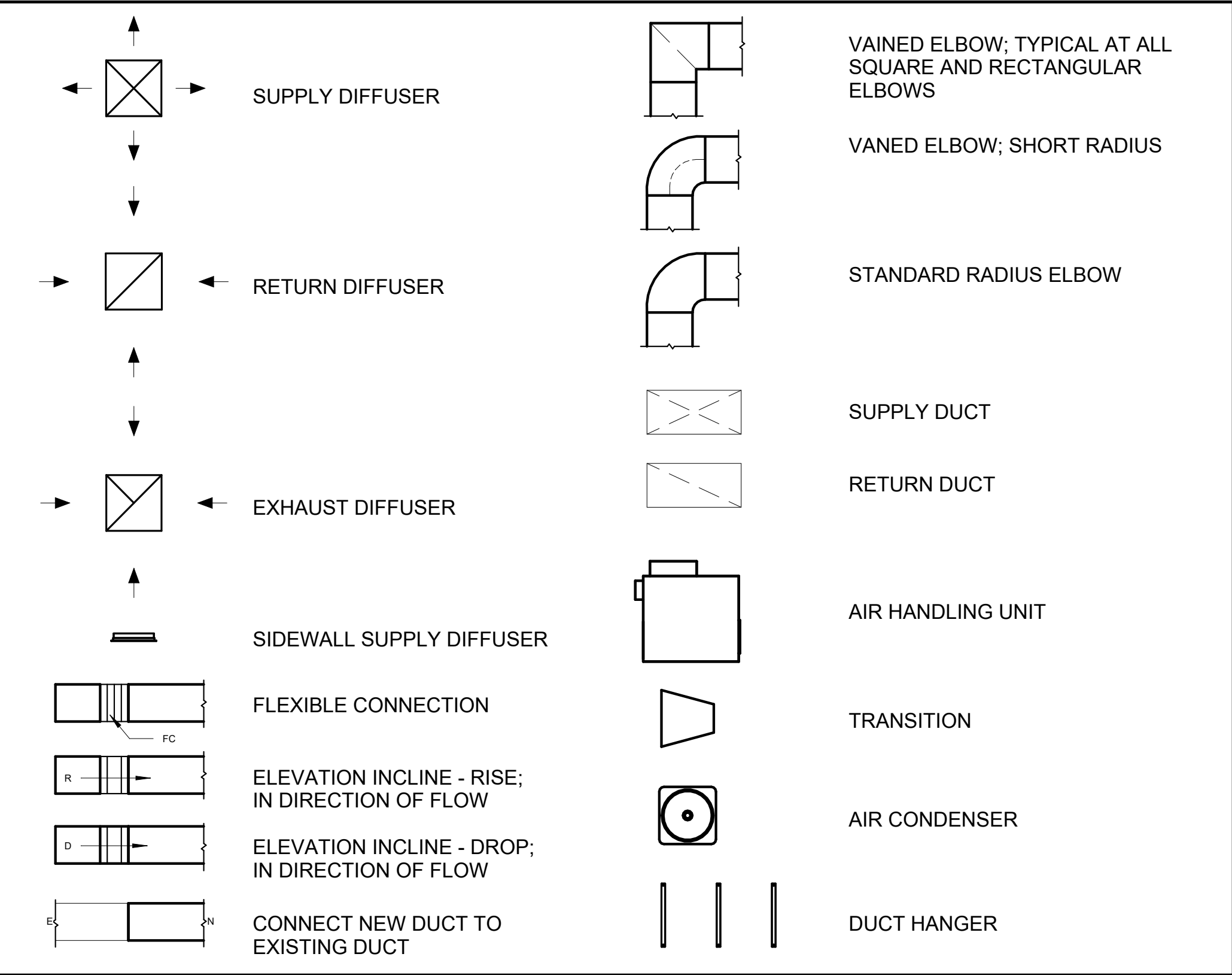
# A402

SCALE: As indicated

GENERAL NOTES

1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE WISDOM\_TM\_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 BMODIFY 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 TREADS 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			
CATAGORY	DESCRIPTION	DIAMETER	LENGTH
PIPE TYPES	COPPER	1/4"	9.10
PIPE TYPES	COPPER	3/8"	68.64
PIPE TYPES	COPPER	1/2"	9.15
PIPE TYPES	<BY CATEGORY>	5/8"	0.19
PIPE TYPES	COPPER	3/4"	94.19

REFRIGERANT LINE FITTING SCHEDULE			
CATAGORY	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	19
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/8"ø-3/8"ø	11
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	5/8"ø-5/8"ø	1
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		
CATAGORY	DESCRIPTION	COUNT
AIR HANDLING UNIT	AIR HANDLING UNIT: WALL MOUNTED	3
CONDENSER	CONDENSER: AOTH18KNTA	1
EXHAUST FAN	EXHAUST FAN: 75 CFM	2
	HOOD-WALL2: VENT 2	1

DUCT FITTING SCHEDULE		
CATAGORY	DESCRIPTION	COUNT
ROUND TRANSITION - ANGLE	45 DEGREE	4

DUCT ACCESSORY SCHEDULE		
CATAGORY	DESCRIPTION	COUNT
ROOF VENT	3" DIAMETER	4

FLEX DUCT SCHEDULE				
DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT
FLEX DUCT ROUND	FLEX-ROUND	9.82	4"	4
GRAND TOTAL: 4		9.82		



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

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

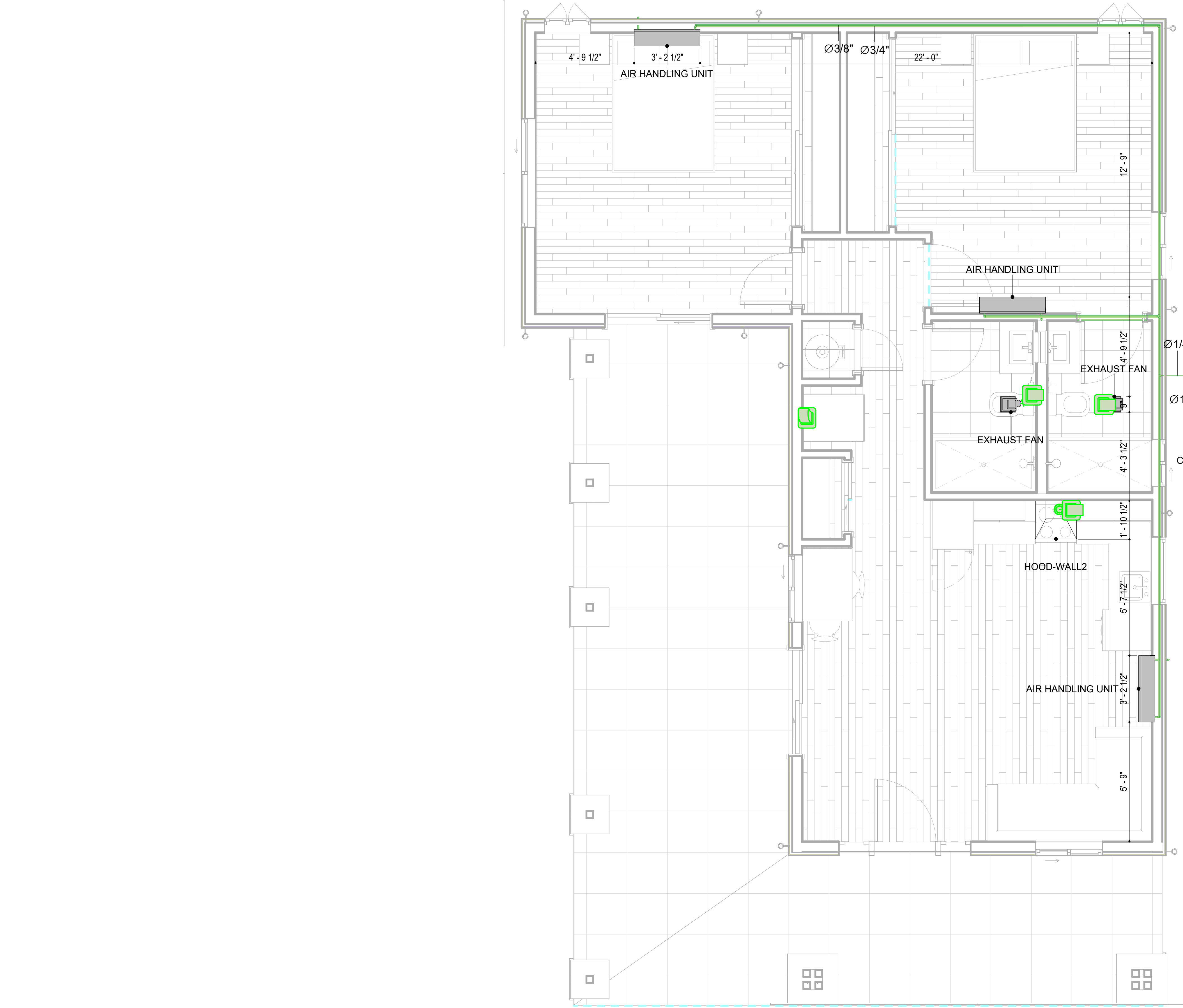
DRAWING NAME

HVAC COVER

CLIENT NAME:	Owner
PROJECT NUMBER:	15_0001
DATE:	1/30/2025 3:18:28 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

M101

SCALE: 1 : 50



HVAC COLOR SCHEME  
AIR CONDITIONING PIPE  
LINE

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

DRAWING NAME

HVAC PLAN

CLIENT NAME:	Owner
PROJECT NUMBER:	15_0001
DATE:	1/30/2025 3:18:29 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

M102

SCALE: As indicated

ELECTRICAL NOTES

1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 12-WISDOM-909-2Bb/Ba-CRAFTSMAN-550. IT PROVIDES A VISUAL REPRESENTATION OF THE ELECTRICAL LAYOUT AND COMPONENTS, INCLUDING POWER DISTRIBUTION, LIGHTING, AND CONTROL SYSTEMS.
2. THE ELECTRICAL SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING POWER DISTRIBUTION, LIGHTING, AND SPECIALIZED ELECTRICAL EQUIPMENT NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
3. THE ELECTRICAL SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL BUILDING CODE (IBC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
4. LOCATIONS AS NEEDED, DEVICES ARE SHOWN ON PLANS IN APPROXIMATE IDEAL LOCATIONS, UNLESS SPECIFICALLY DIMMENSIONED.
5. OPEN WALLS AS NEEDED TO ALLOW FOR NEW ELECTRICAL INSTALLATIONS.
6. LABEL ALL CIRCUITS ON JUNCTION BOXES, RECEPTACLES,DATA, SMOKE DETECTOR, AND EQUIPMENT IN PANEL BOX.
7. INSTALL RACEWAY AS NEEDED FOR DDC, ACCESS CONTROL, LOW VOLTAGE WIRING & DATA.
8. RELABEL POWER, DATA & FIRE ALARM FOR ROOM #CHANGES.
9. VERIFY ALL CIRCUITS LABELED ON PRINT ARE CORRECT BEFORE WORKING ON THEM.
10. NOTE ON SITE PLAN – ALL CHANGES OR MISSING DETAIL TO BE INCORPORATED INTO THE MASTER PLAN.
11. DRAWINGS ARE DIAGRAMMATIC ONLY FOR THE PURPOSE OF SHOWING FIXTURE AND OUTLET LOCATIONS.
12. ELECTRICAL CONTRACTOR TO VERIFY SERVICE SIZE BY CALCULATION BASED UPON ACTUAL NAME PLATE RATINGS OF SELECTED EQUIPMENT.
13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN BUILDING FOUNDATION AT SERVICE ENTRANCE LOCATION.
14. PROVIDE A MIN. OF 20 FEET OF ONE \*4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
15. PROVIDE WATERPROOF FIXTURES IN ALL HIGH MOISTURE AREAS (EXTERIOR, SHOWER AND TUB CEILINGS ETC.)
16. PROVIDE DEDICATED CIRCUITS TO EACH BATH, DEN, FAMILY ROOM, BEDROOM, LOFT, KITCHEN REFRIGERATOR, KITCHEN FREEZER DISHWASHER, AND ANY AREA/ITEM SPECIFIED BY OWNER.
17. INCANDESCENT FIXTURES WITH OPEN OR PARTIALLY ENCLOSED LAMPS, PENDANT FIXTURES, AND LAMP HOLDERS ARE NOT PERMITTED IN CLOSETS.
18. ALL WORKMANSHIP AND MATERIALS TO CONFORM WITH THE 2015 IRC.
19. PROVIDE A MIN. OF 20 FEET OF ONE \*4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
20. PROVIDE A BONDING CONDUCTOR CONSISTING OF A MINIMUM OF ONE \*4 BARE COPPER WIRE CONNECTING THE BUILDING'S METAL WATER PIPING SYSTEM TO THE SERVICE EQUIPMENT ENCLOSURE GROUNDING.

MAIN PANEL CALCS

ELECTRICAL CALCS		
LIGHT AND OUTLETS	909 @ 3W	2,727 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		3000 W
TOTAL		26,027 W
FRIST 10,000 @ 100%		10,000 W
REMAINDER @ 40%		6,411W
MINI. SPLIT UNITS		10,000 W
TOTAL		26, 411 W
26,411 W DIVIDED BY 240V = 110 AMPS TOTAL		
(USE 200 AMP SERVICE)		

Branch Panel:

Location: LIVING ROOM 05						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	RANGE	1	50 A	27' - 7 19/32"	2-#8, 1-#8, 1-#10	2500 VA	750 VA			2-#10, 1-#10, 1-#10	49' - 4 1/2"	30 A	1	WATER HEATER	2		
3	--	--	--	--	--			2500 VA	750 VA	--	--	--	--	--	4		
5	CONDENSER	1	60 A	29' - 2 13/16"	2-#6, 1-#6, 1-#10	2500 VA	496 VA			1-#12, 1-#12, 1-#12	30' - 10 3/32"	20 A	14	KITCHEN AND LIVING ROOM LIGHT UNITS	6		
7	--	--	--	--	--			2500 VA	900 VA	1-#12, 1-#12, 1-#12	58' - 2 7/8"	20 A	5	BED ROOM 1 RECEPTACLES	8		
9	OUT DOOR LIGHT UNITS	8	20 A	55' - 2 9/16"	1-#12, 1-#12, 1-#12	360 VA	454 VA			1-#12, 1-#12, 1-#12	66' - 8 7/32"	20 A	13	BED ROOM LIGHT UNITS	10		
11	GFCI WASHER	1	20 A	45' - 5"	1-#12, 1-#12, 1-#12			1200 VA	840 VA	1-#12, 1-#12, 1-#12	50' - 0 13/32"	20 A	13	BATH ROOM UNITS	12		
13	DRYER	1	30 A	43' - 5 3/4"	2-#10, 1-#10, 1-#10	2500 VA	180 VA			1-#14, 1-#14, 1-#14	42' - 8 1/4"	15 A	5	HALL LIGHT	14		
15	--	--	--	--	--			2500 VA	900 VA	1-#12, 1-#12, 1-#12	74' - 6 5/16"	20 A	5	OUT DOOR RECEPTACLES	16		
17	KITCHEN GFCI	3	20 A	29' - 4 17/32"	1-#12, 1-#12, 1-#12	540 VA	900 VA			1-#12, 1-#12, 1-#12	37' - 8 1/8"	20 A	5	LIVING ROOM RECEPTACLES	18		
19	DISH WASHER& HOOD	2	30 A	21' - 7 23/32"	1-#10, 1-#10, 1-#10			1380 VA	720 VA	1-#12, 1-#12, 1-#12	74' - 10 1/8"	20 A	4	BED ROOM 2 RECEPTACLES	20		
21	RIFRIGRATOR	1	20 A	33' - 2 13/32"	1-#12, 1-#12, 1-#12	1800 VA									22		
23															24		
25															26		
						12975 VA		14190 VA									
						108 A		118 A									
Legend:																	
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals							
Motor				60 VA		125.00%		75 VA									
Other				1380 VA		100.00%		1380 VA		Total Conn. Load: 27165 VA							
Receptacle				6900 VA		100.00%		6900 VA		Total Est. Demand: 26180 VA							
Lighting				533 VA		100.00%		533 VA		Total Conn.: 113 A							
CONDENSER				5000 VA		100.00%		5000 VA		Total Est. Demand: 109 A							
WATER HEATER				1500 VA		100.00%		1500 VA									
RANGE				5000 VA		80.00%		4000 VA									
DRYER				5000 VA		100.00%		5000 VA									
REFRIGERATOR				1800 VA		100.00%		1800 VA									
Notes:																	

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 AMP 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 FAC 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 DOWN 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
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Tuscon.AZ. USA

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

DRAWING NAME

SCHEDULE

CLIENT NAME:	Owner
PROJECT NUMBER:	0073_14
DATE:	2/1/2025 4:40:57 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:

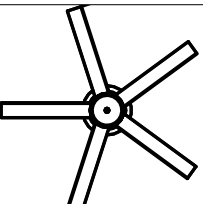














- A.

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.

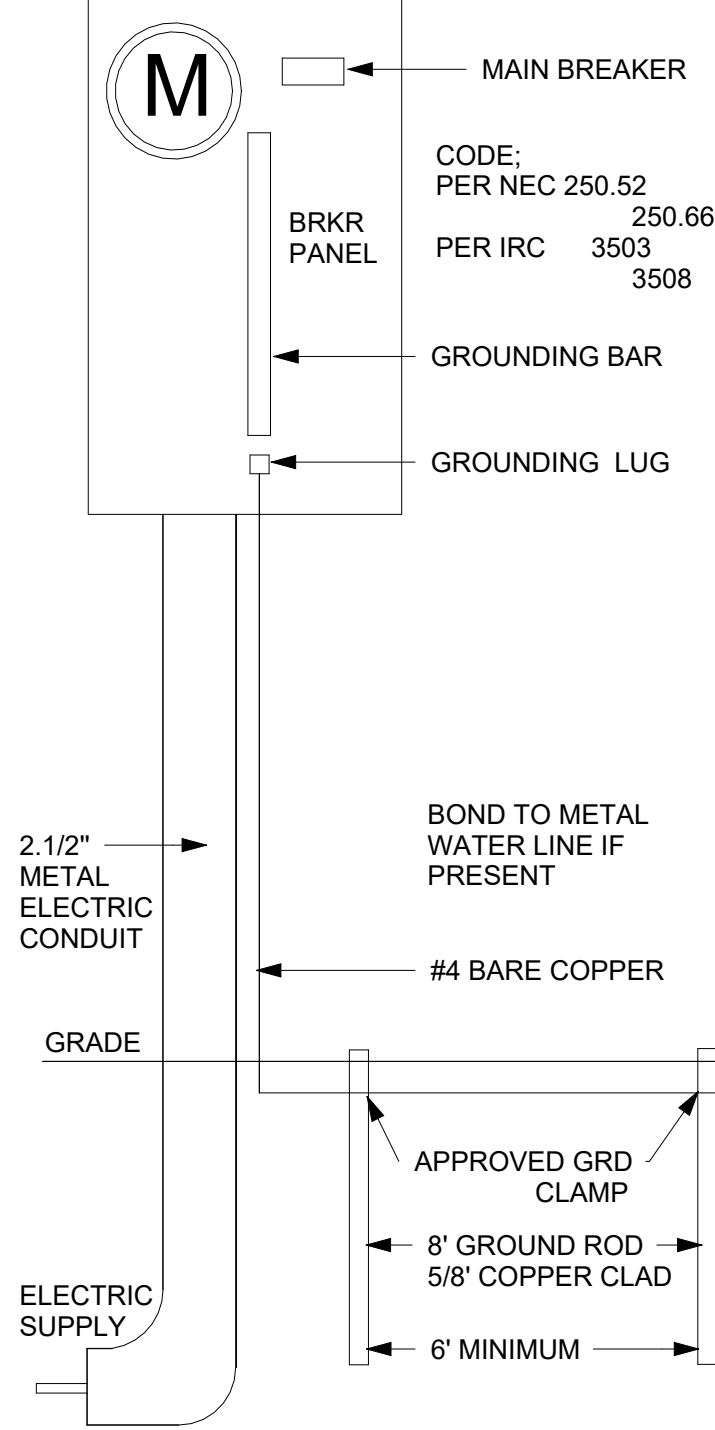
NOTE: APPLIANCE DISCONNECT

**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

	Celing Lights With Fan
	Ceiling Can Light
	Pendant Light
	Ceiling Spot Light
	Wall Mounted Light
	Single Switch
	Three way Switch
	Fan Switch
	Dimmer Switch
	Three with Dimmer Switch
	Duplex Receptacle
	Triplex Receptacle
	GFCI Receptacle
	Exhaust Fan
	

200 AMP METER SERVICE PANEL

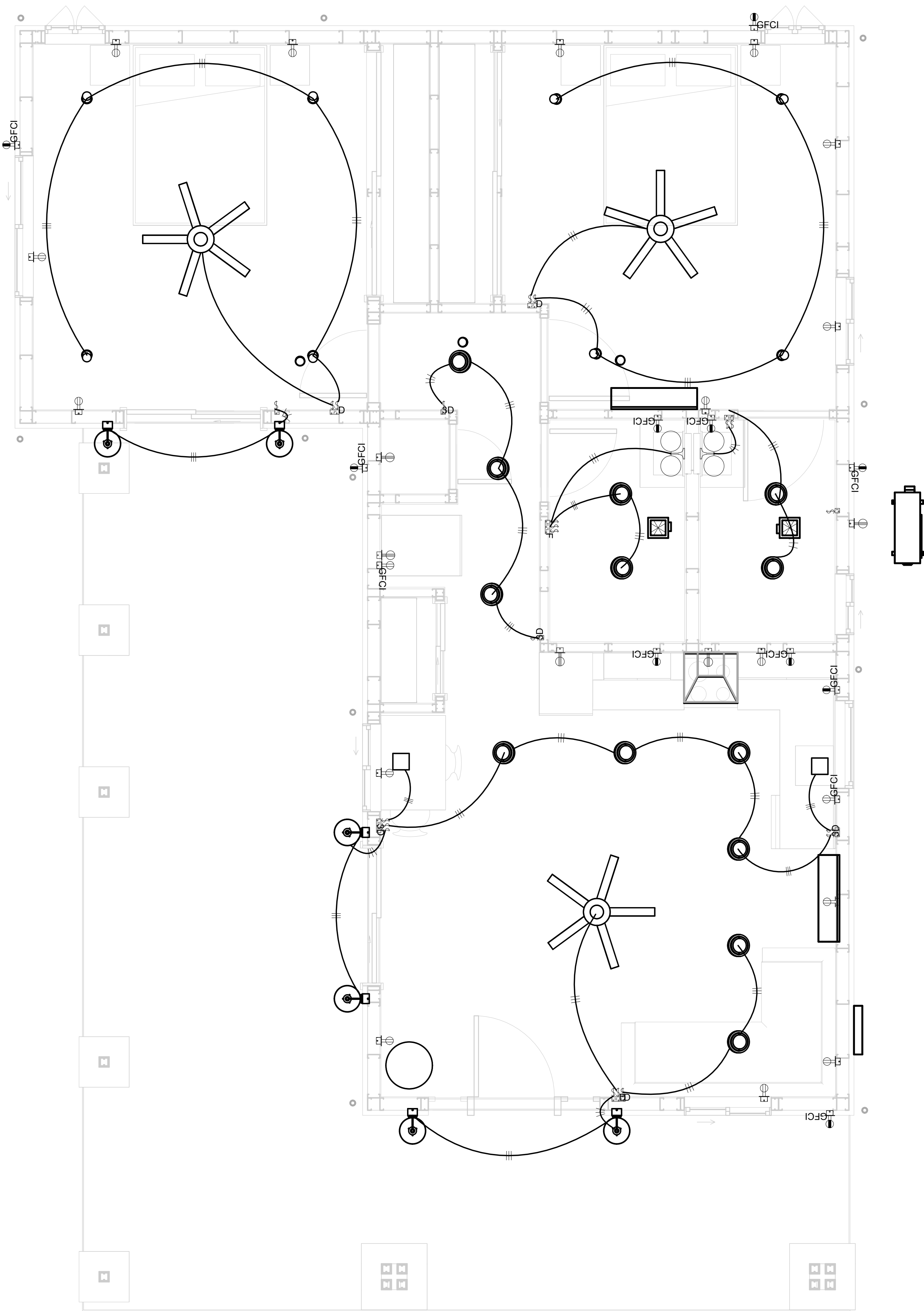


2

SERVICE PANEL DIAGRAM  
12" = 1'-0"

1

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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

DRAWING NAME

LIGHTING

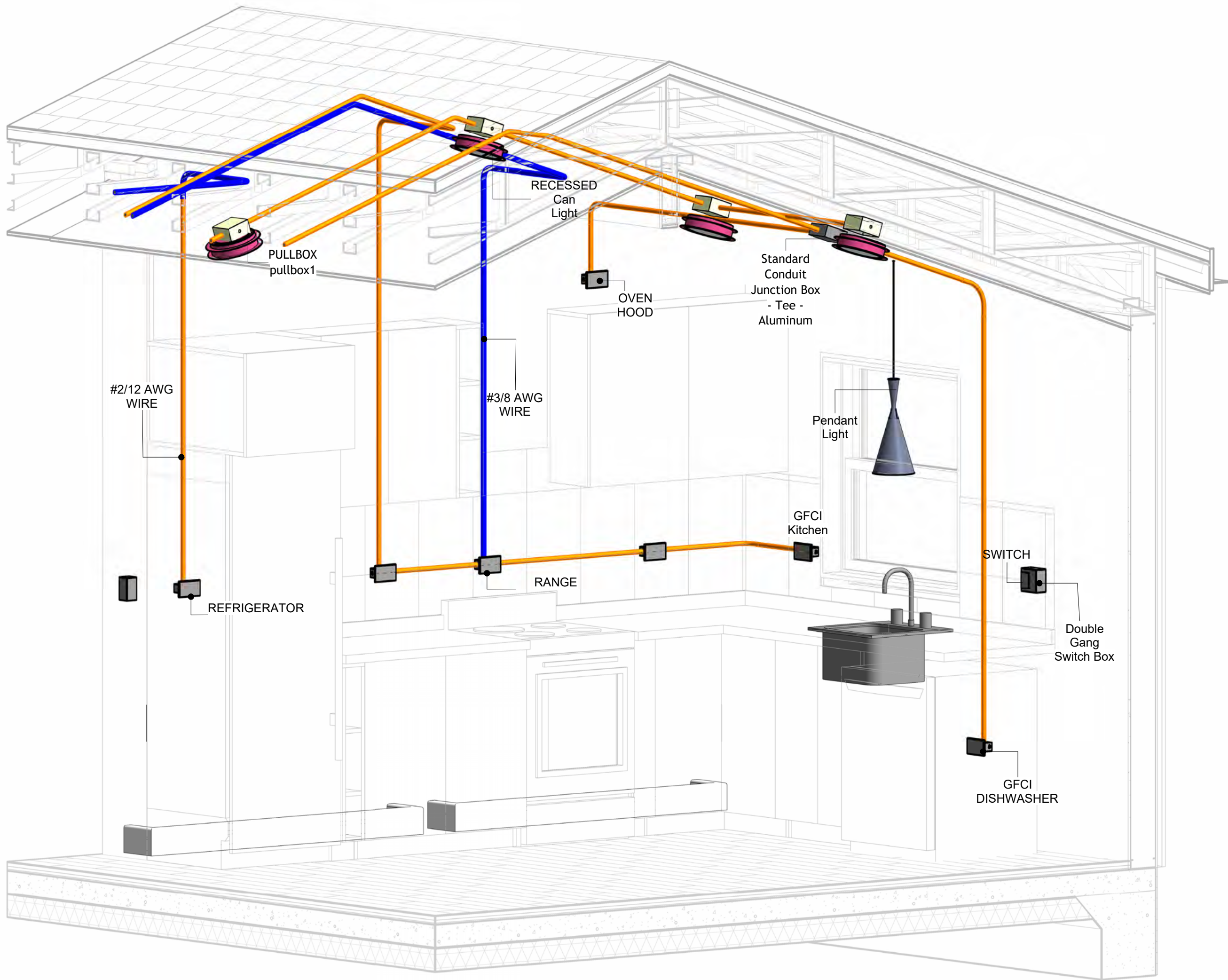
CLIENT NAME:	Owner
PROJECT NUMBER:	0073_14
DATE:	2/1/2025 4:41:00 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E102

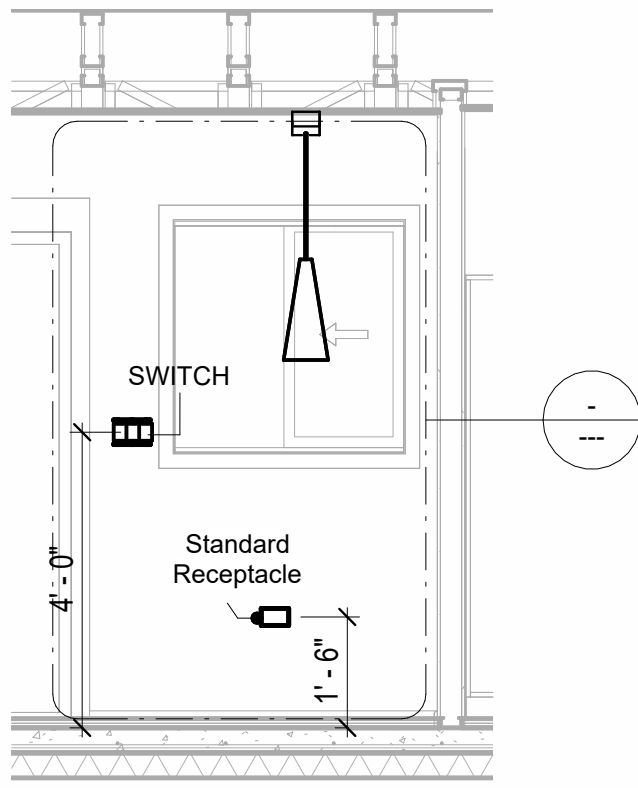
SCALE: As indicated

NOTES: CONDUIT, CABLE AND WIRING

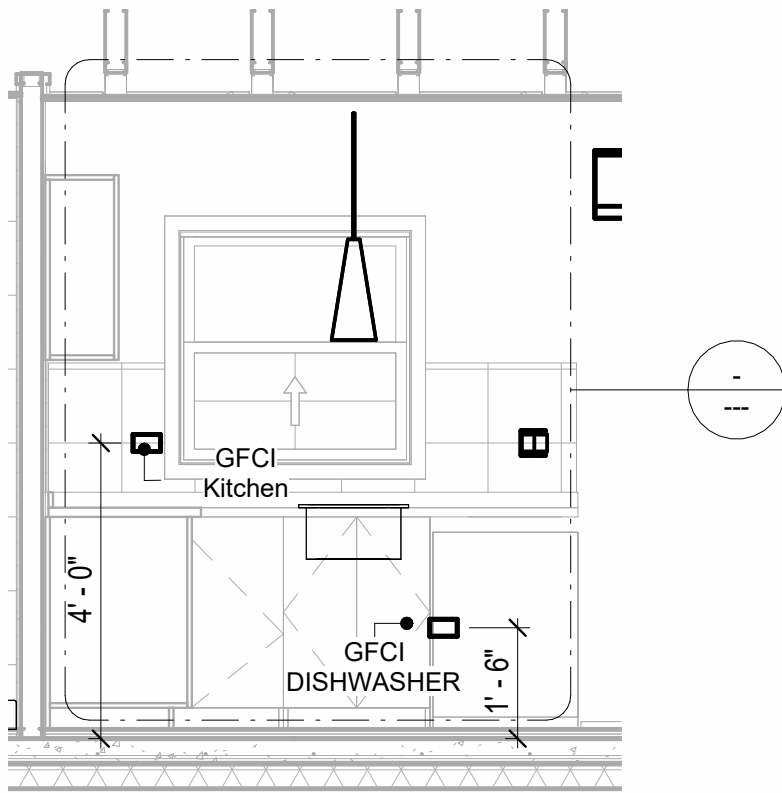
1. Use Metallic Conduits (IMC) for cables running under concrete slabs.
2. Use IMC for circuits with high voltage appliances (240 volts and above)
3. For circuits with 120 volts consider using EMT or PVC conduits if needed.
4. For Low voltage applications up to 50 volts consider using non metallic conduits.
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.



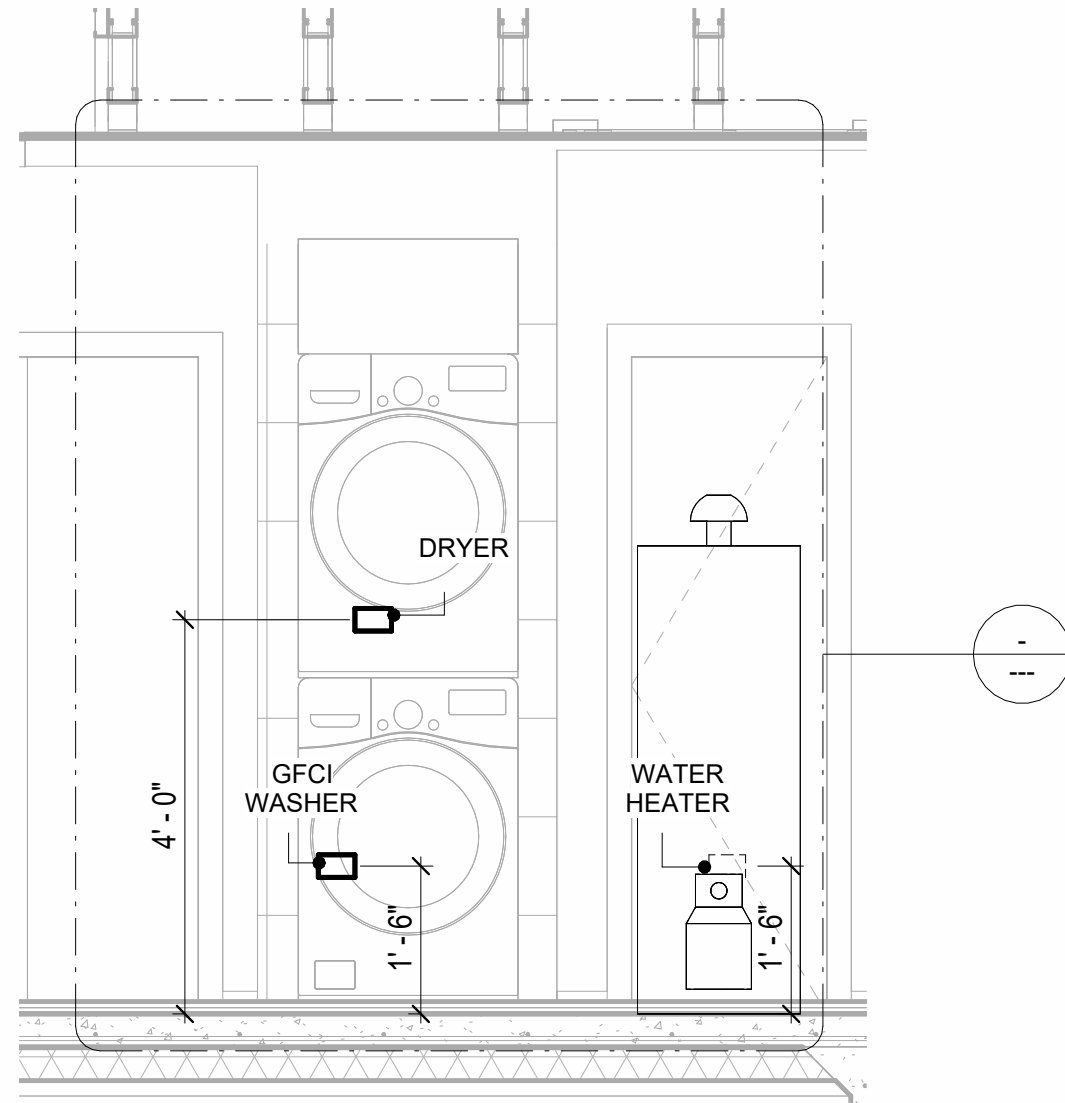
1 3D-KITCHEN



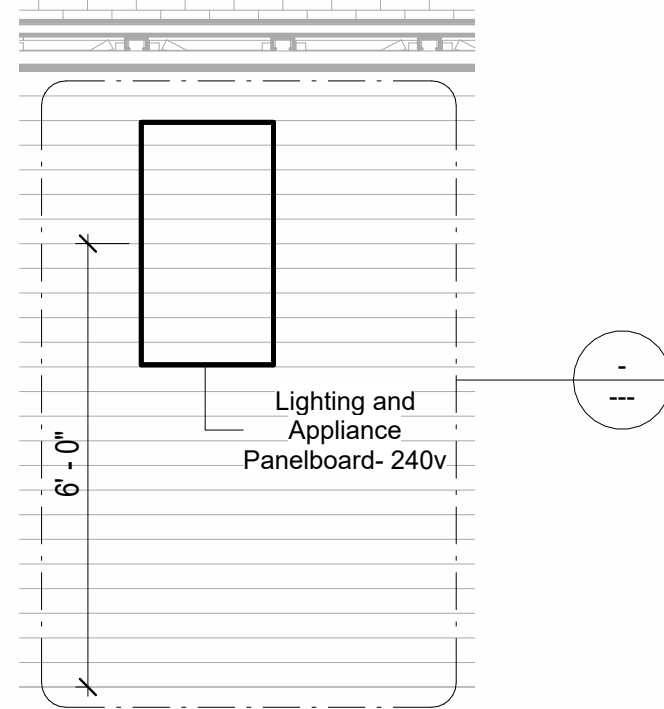
2 Section 1  
3/8" = 1'-0"



4 Section 3  
3/8" = 1'-0"

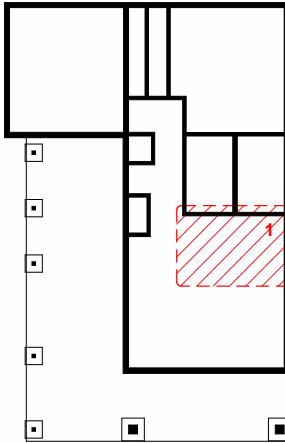


3 Section 2  
1/2" = 1'-0"



5 Section 4  
3/8" = 1'-0"

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

DRAWING NAME

POWER

CLIENT NAME:	Owner
PROJECT NUMBER:	0073_14
DATE:	2/1/2025 4:41:26 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E103

SCALE: As indicated

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.

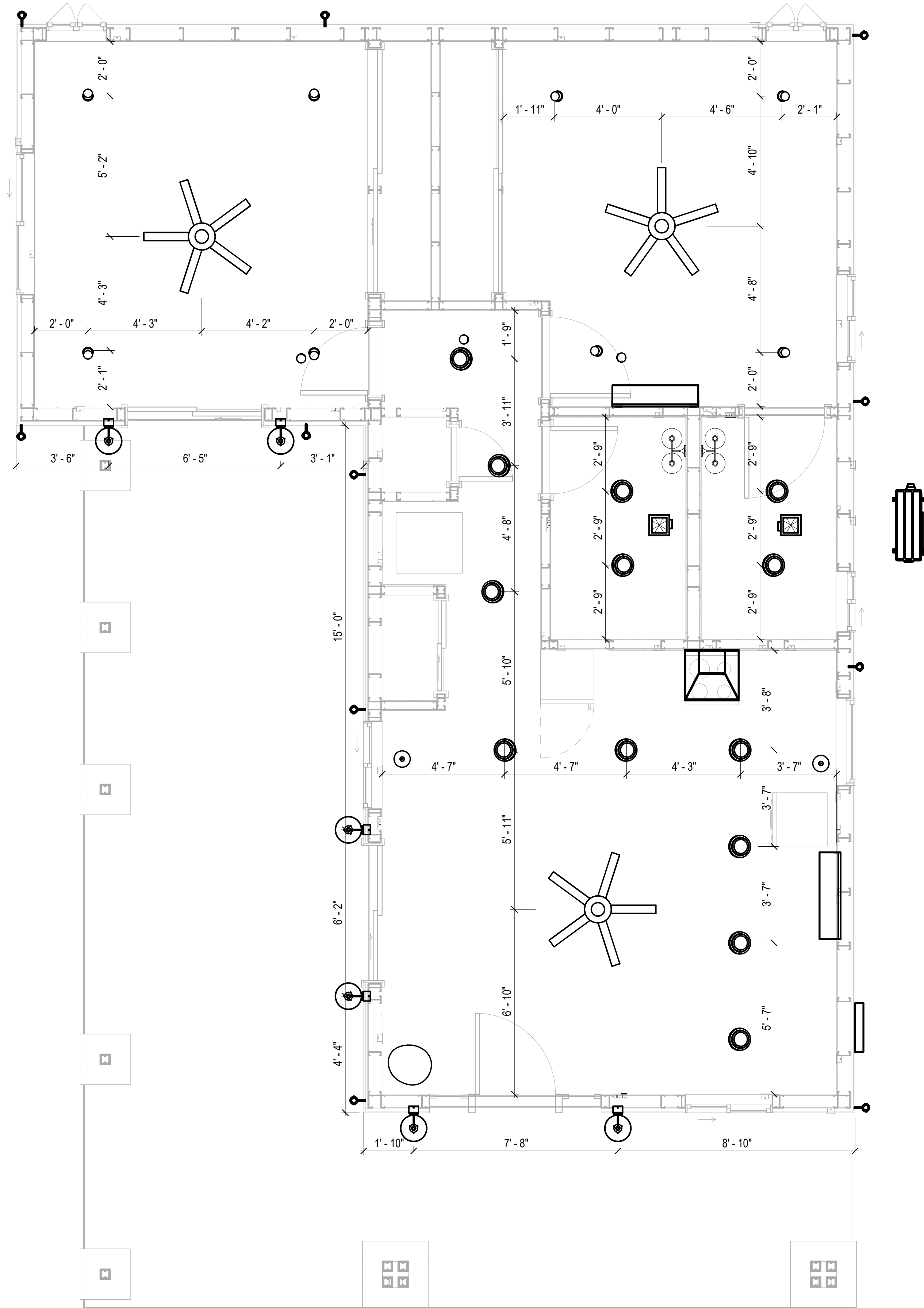
1. THE MINIMUM SIZE OF JUNCTION BOX TO BE USED IS 2"x4"x(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHES THE MINIMUM SIZE OF THE JUNCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"x4"x(1.5" OR 3.5" DEEP)
3. FOR THREE GANG (3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

Family	Count	Description
Conduit Junction Box - Tee - Aluminum	1	
pullbox1	28	#1/4 pullbox

Type	Count
Double Gang Switch Box	4
Single Gang Switch Box	4
Triple Gang Switch Box	3

Type	Count
Dimmer	4
Fan switch	1
Single Pole	12
Three With Dimmer	4

Lighting Fixture Type	Voltage	Electrical Load	Count
651331	120 V/1-60 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	6
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
Light_Fixture-Wall_Sconce-KOHLER-Tone-K-31769	One Dedicated Circuit Required 120 V/1-120 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	2
Lighting_Other_LumenWerx_Shell-Recessed-8	120 V/1-60 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	13
Lighting_Pendant1	120 V/1-20 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	2
Melt Cone Fat Floor LED			1
SASSO 100 round wallwasher trim2	120 V/1-10 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	8



## DIMENSION FOR LIGHT FIXTURES

## KEY PLAN

[illegible]

**OTE:**

**EGEND:**

PROJECT

**12-Wisdom-909-2Bd/2Ba  
Craftsman-550**

DRAWING NAME

## DIMENSION PLAN FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0073_14
DATE:	2/1/2025 4:41:28 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

# E104

CALE: As indicated

NOTES;

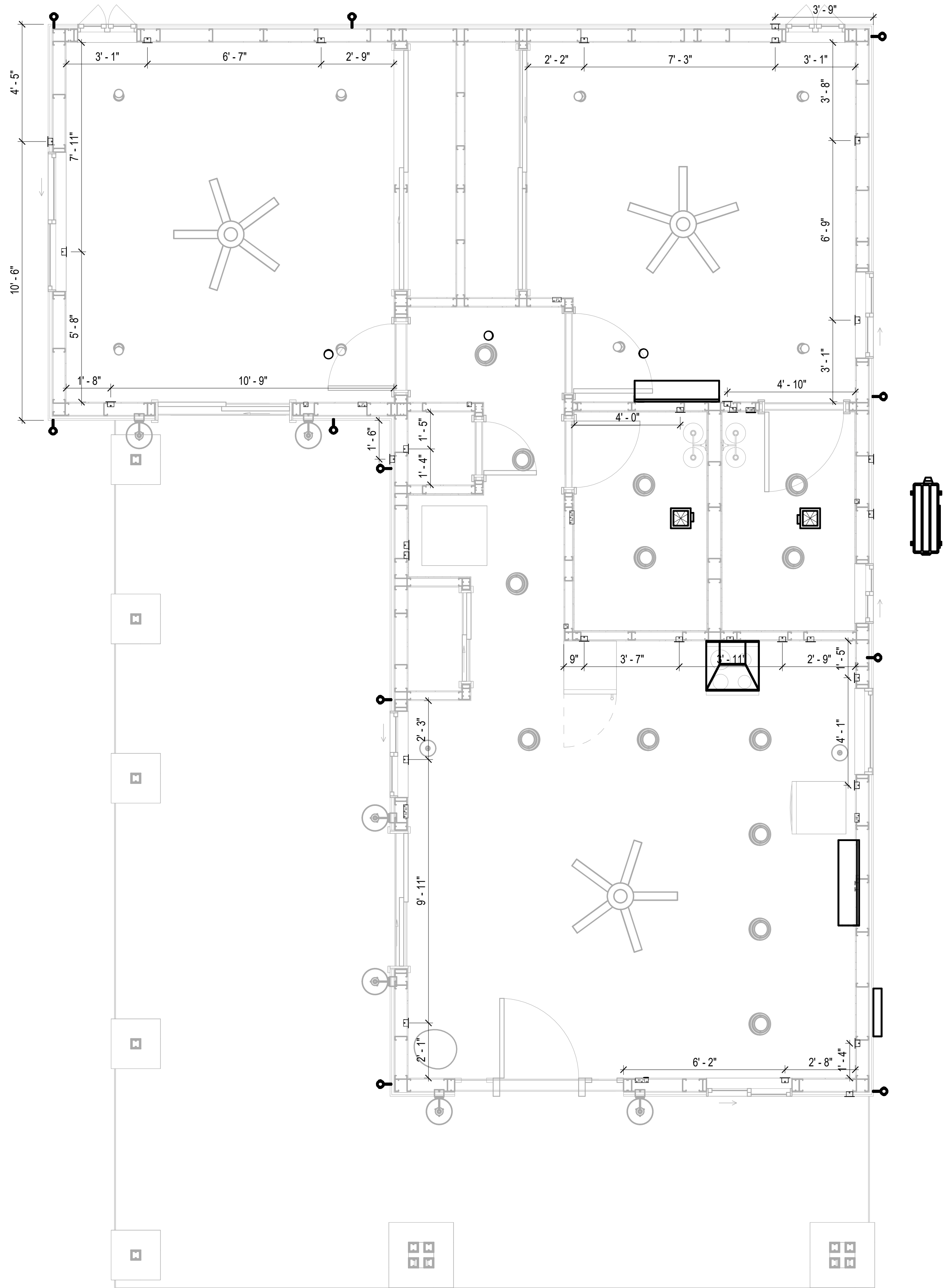
1. VERIFY EQUIPMENT PLUG CONFIGURATION BEFORE PURCHASING RECEPTACLES
2. FOR ALL EQUIPMENT.
3. COORDINATE EXACT LOCATION OF LIGHT FIXTURES, WALL SWITCHES, RECEPTACLES AND OTHER DEVICES WITH ARCHITECTURAL DRAWINGS.
4. USE METALLIC JUNCTION BOX WITH THE GFCI RECEPTACLES, WITH HIGHT VOLTAGE.

Electrical Fixture Schedule (Receptacle)

Type	Count
CONDENSER	1
DRYER	1
GFCI BATH ROOM	2
GFCI DISHWASHER	1
GFCI Kitchen	3
GFCI OUT DOOR	5
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
RANGE	1,3	240 V/2-5000 VA	1
WATER HEATER	2,4	240 V/2-1500 VA	1
CONDENSER	5,7	240 V/2-5000 VA	1
Standard Receptacle	8	120 V/1-180 VA	5
GFCI WASHER	11	120 V/1-1200 VA	1
GFCI BATH ROOM	12	120 V/1-180 VA	2
DRYER	13,15	240 V/2-5000 VA	1
GFCI OUT DOOR	16	120 V/1-180 VA	5
GFCI Kitchen	17	120 V/1-180 VA	3
Standard Receptacle	18	120 V/1-180 VA	5
GFCI DISHWASHER	19	120 V/1-1200 VA	1
OVEN HOOD	19	120 V/1-180 VA	1
Standard Receptacle	20	120 V/1-180 VA	4
REFRIGERATOR	21	120 V/1-1800 VA	1



1

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

KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

DRAWING NAME

DIMENSION PLAN  
FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0073_14
DATE:	2/1/2025 4:41:31 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

SCALE: As indicated

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

PIPE COLOR SCHEME	
<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:yellowgreen">—</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.

EXPPOSED 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 1/2"	13 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	2"	56 FT
ACRYLONITRILE BUTADIENE STYRENE (ABS)	3"	9 FT
CROSS-LINKED POLYETHYLENE (PEX)	1/2"	85 FT
CROSS-LINKED POLYETHYLENE (PEX)	3/4"	63 FT
CROSS-LINKED POLYETHYLENE (PEX)	3"	0 FT
POLYVINYL CHLORIDE - RIGID	2"	112 FT

FITTING SCHEDULE

FITTING	SIZE	QTY
DOMESTIC COLD WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	14
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	4
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	7
PEX TRANSITION ELBOW	1"ø-3/4"ø	2
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	6
DOMESTIC HOT WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	7
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	3
PEX TEE ELBOW	1/2"ø-1/2"ø-1/2"ø	6
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	5
RAIN WATER		
BEND RAIN WATER SYSTEM	2"ø-2"ø	22
BEND SEWERAGE SYSTEM	2"ø-2"ø	7
PVC 90 DEGREE BEND ELBOW	2"ø-2"ø	1
PVC TEE ELBOW	2"ø-2"ø-2"ø	3
SEWAGE		
ABS 90 DEGREE BEND ELBOW	1 1/2"ø-1 1/2"ø	2
ABS 90 DEGREE BEND ELBOW	2"ø-2"ø	2
ABS 90 DEGREE BEND ELBOW	3"ø-3"ø	2
ABS BEND LONG SWEEP ELBOW	2"ø-2"ø	1
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	2
ABS REDUCER ELBOW	3"ø-2"ø	3
ABS TEE ELBOW	2"ø-2"ø-2"ø	1
ABS TEE ELBOW	3"ø-3"ø-3"ø	1
ABS TRAP P	2"ø-2"ø	1
ABS WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø-1 1/2"ø	1
ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø	1
ABS WASTE DOUBLE TEE	3"ø-3"ø-3"ø-3"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	2"ø-2"ø-1 1/2"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	3"ø-3"ø-1 1/2"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	3"ø-3"ø-2"ø	1
ABS WYE COMBINATION WITH 8TH BEND ELBOW	3"ø-3"ø-3"ø	1
VENT		
ABS 90 DEGREE BEND ELBOW	1 1/2"ø-1 1/2"ø	1
ABS REDUCER ELBOW	2"ø-1 1/2"ø	1
ABS TEE ELBOW	2"ø-2"ø-2"ø	1
ABS VENT CAP ELBOW	2"ø	3

WATER FIXTURE UNIT SCHEDULE

FAMILY	QTY	UNIT VALUE	TOTAL
DISHWASHER	1	1.4	1.4
SHOWER TRAY	2		0
SHOWER TRIM	2	1.4	2.8
SINK ISLAND SINGLE	1	1.4	1.4
VANITY SINK	2		0
WASHER	1	1.4	1.4
WATER CLOSET	2	<VARIES>	2.2

WASTE FIXTURE UNIT SCHEDULE

FAMILY	QTY	DFU VALUES	TOTAL
DISHWASHER	1	2	2
SHOWER TRAY	2		0
SINK ISLAND SINGLE	1	2	2
VANITY SINK	2		0
WASHER	1	2	2
WATER CLOSET	2	<VARIES>	3

FIXTURE SCHEDULE

FIXTURE	QTY	DESCRIPTION
DISHWASHER	1	
DRYER	1	
SHOWER TRAY	2	
SHOWER TRIM	2	
SINK ISLAND SINGLE	1	
VANITY SINK	2	
WASHER	1	
WATER CLOSET	2	
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 PIPE CLAMP	22	
HOSE BIB	2	
LAUNDRY SWEAT CONNECTOR	1	
SHUTOFF VALVE	8	



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

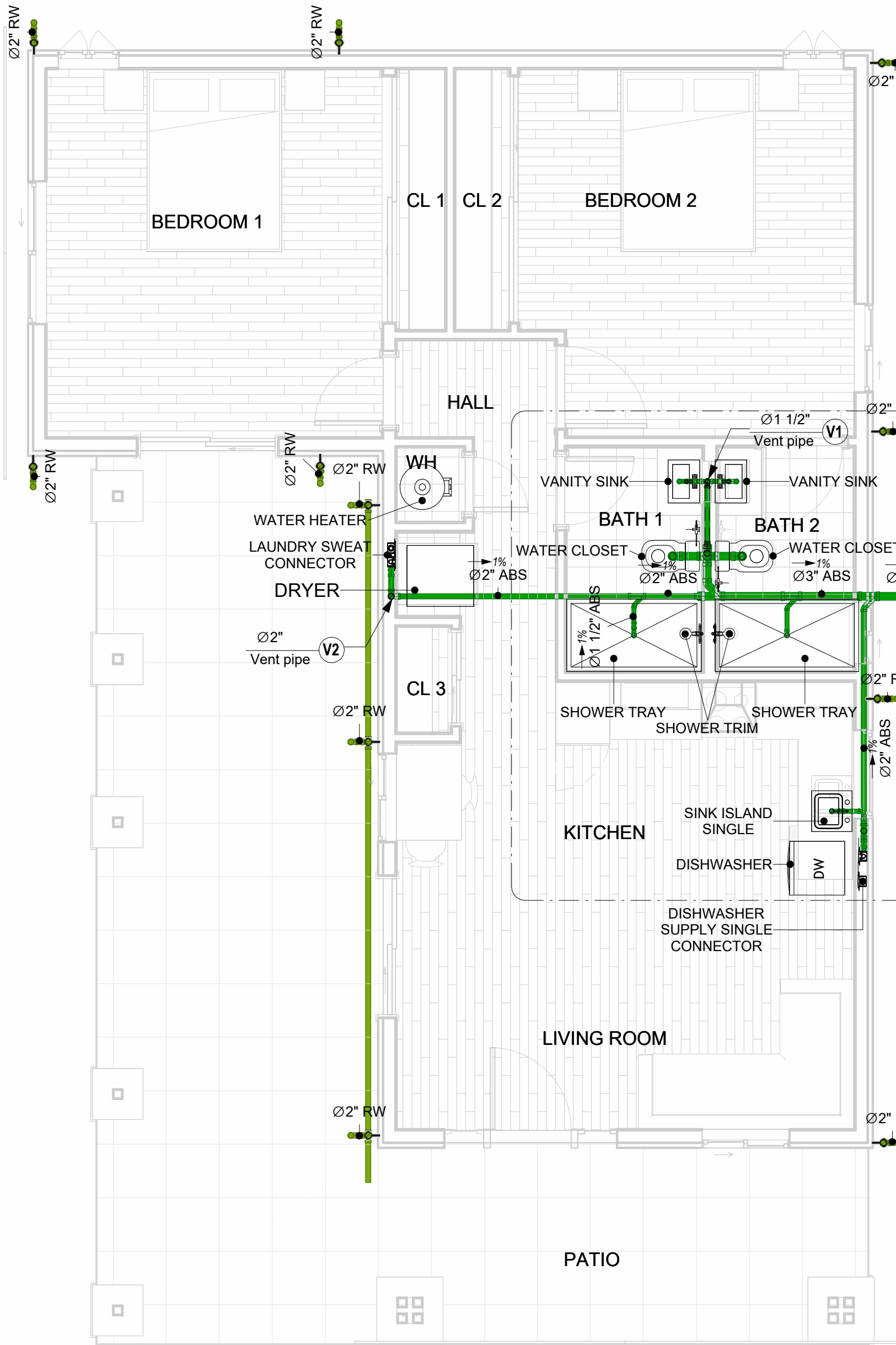
DRAWING NAME

NOTE AND SCHEDULE

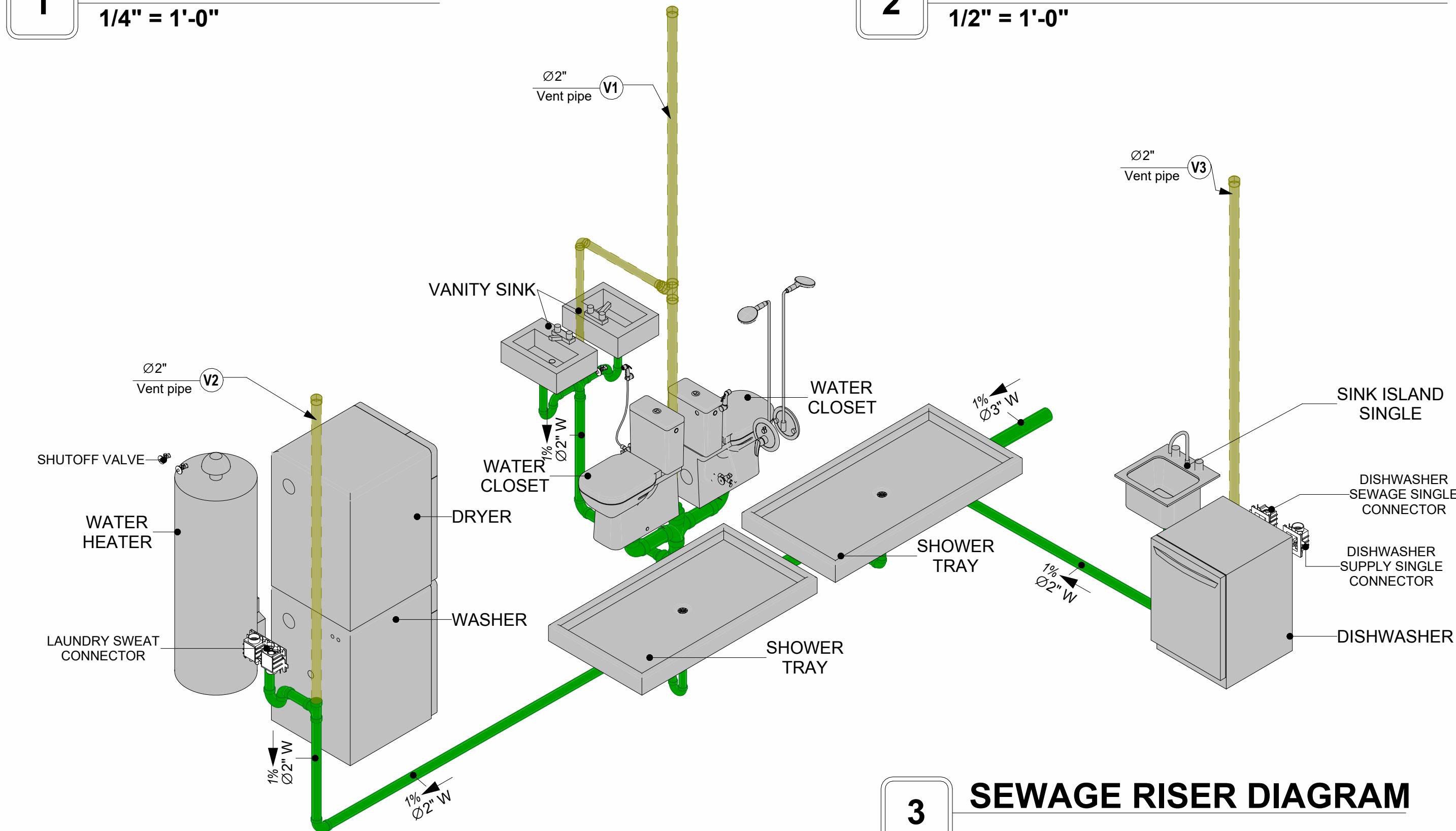
CLIENT NAME:	
PROJECT NUMBER:	0073_14
DATE:	2/1/2025 7:00:00 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

P101

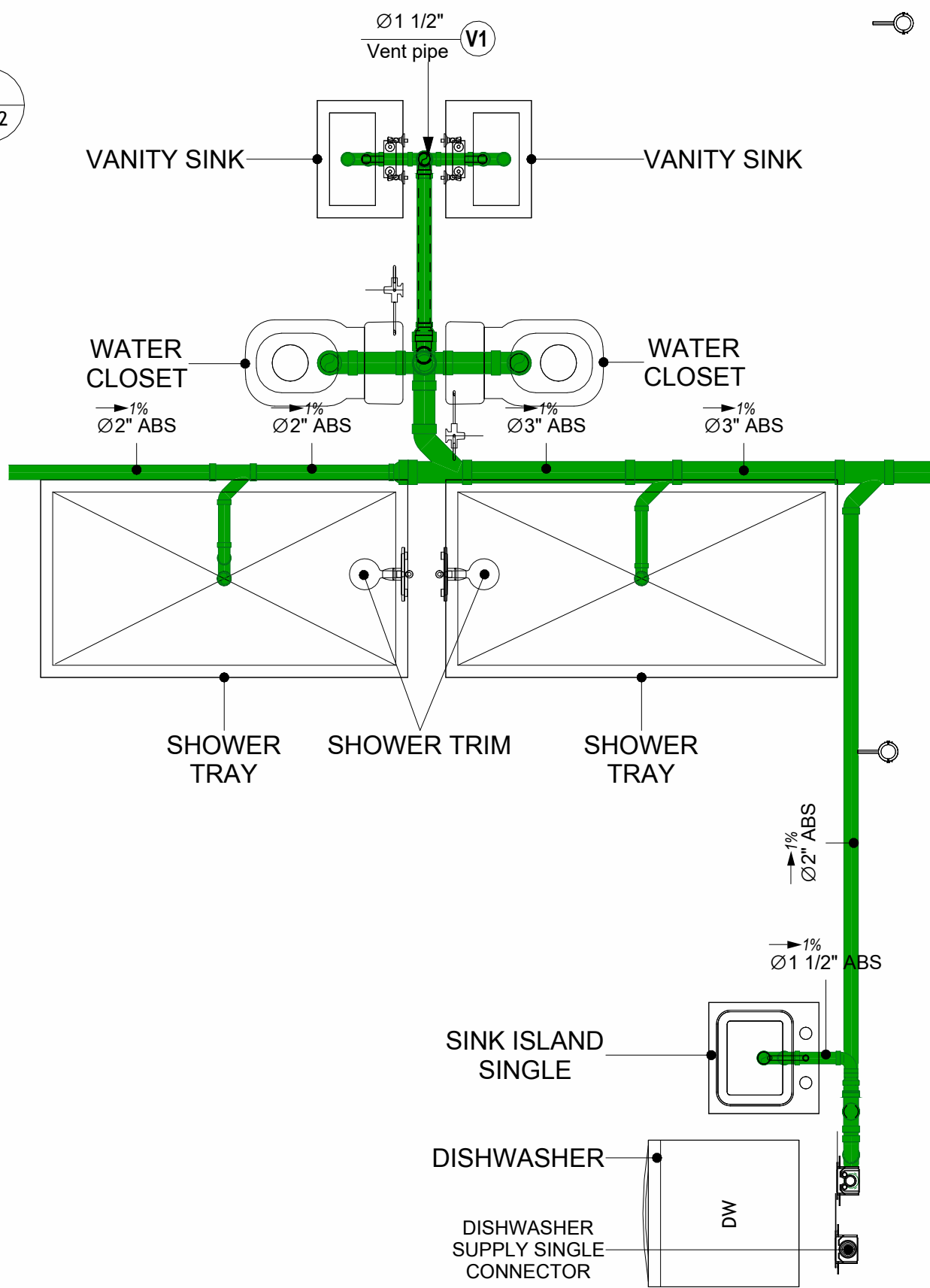
SCALE: 1/2" = 1'-0"



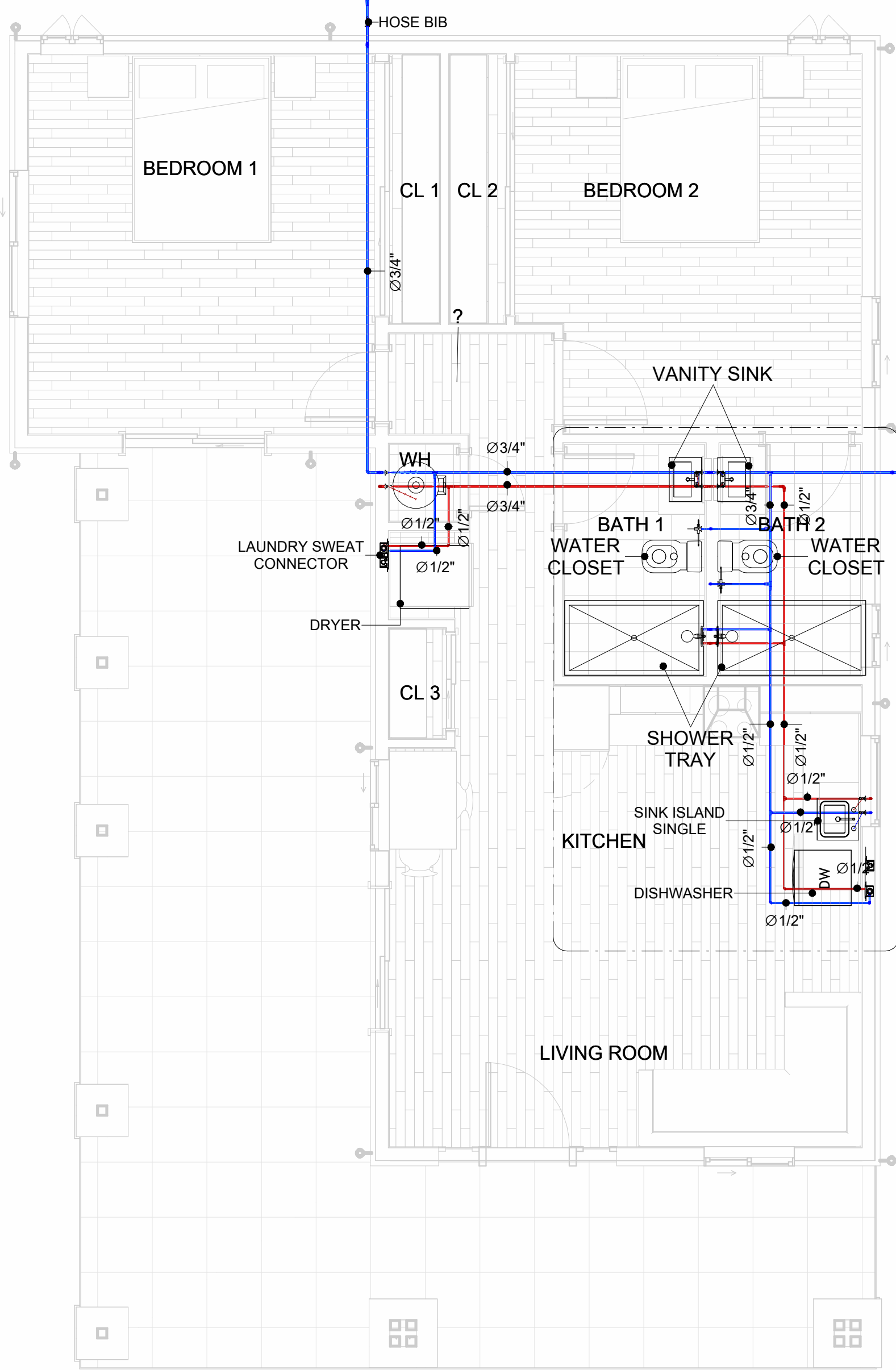
1 OVERALL SANITARY  
1/4" = 1'-0"



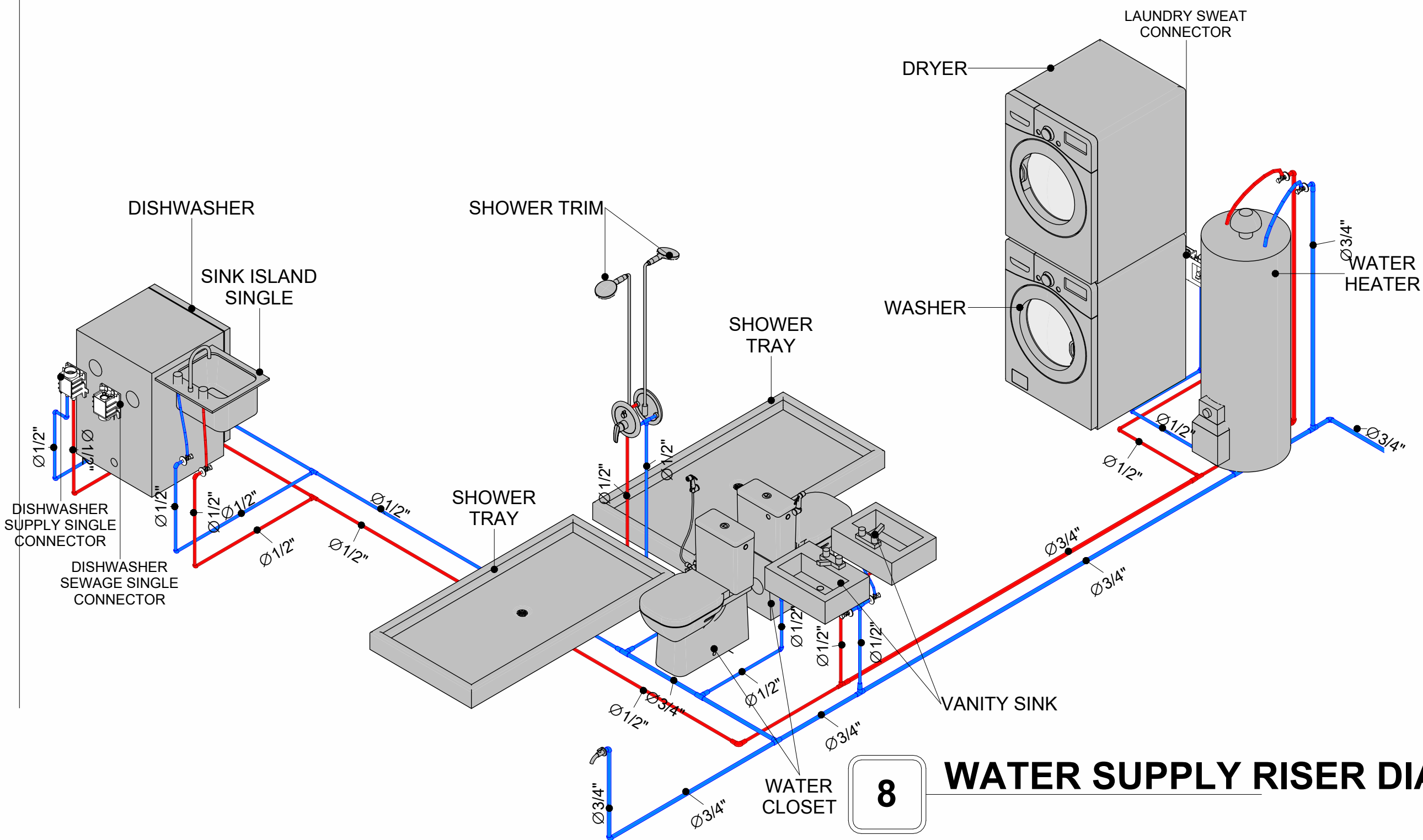
3 SEWAGE RISER DIAGRAM



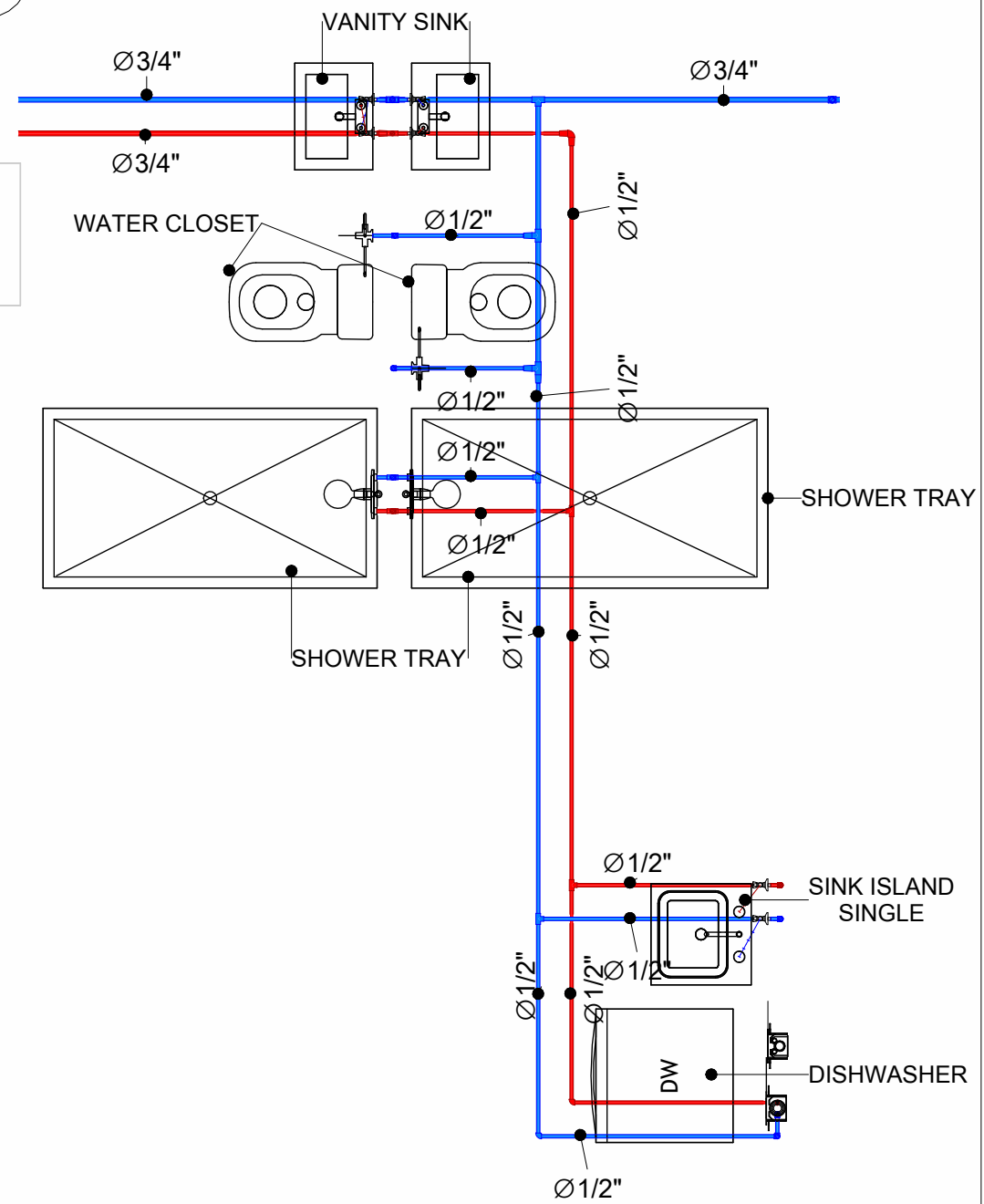
2 KITCHEN AND BATH SEWAGE  
1/2" = 1'-0"



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



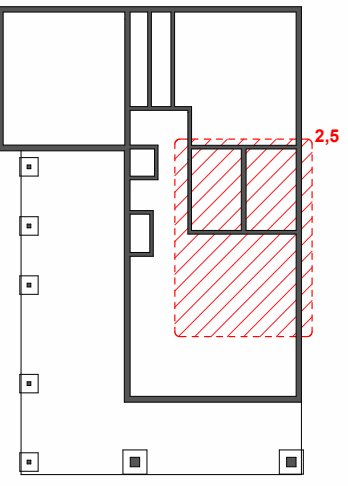
8 WATER SUPPLY RISER DIAGRAM



5 KITCHEN AND BATH WATER SUPPLY  
3/8" = 1'-0"

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

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

12-Wisdom-909-2Bd/2Ba  
Craftsman-550

DRAWING NAME

WATER SUPPLY AND  
SEWAGE SYSTEM

CLIENT NAME:  
PROJECT NUMBER: 0073\_14  
DATE: 2/1/2025 7:00:32 PM  
DESIGNED BY: Designer  
DRAWN BY: Author  
CHECKED BY: Checker

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



Wisdom-2Bd2Ba-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!

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3	ELECTRICAL BOM	<a href="#">ELECTRICAL BOM</a>	3
5	HVAC BOM	<a href="#">HVAC BOM</a>	7
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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 procedding to purchase and construction.

# ARCHITECTURAL BOM

12-WISDOM-909-2Bd2Ba-Craftsman-550					
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	
<a href="#">🏠</a> <b>CASEWORKS</b>					
6	Kitchen Cabinets		FT	16.2	
7	Laundry Cabinets		FT	3	
8	Vanity Cabinets		FT	2.25	
9	Kitchen countertop		SF	2	
10	Medicine Cabinets		PCS	24.58	
11	Island		FT	0	
12	Peninsula		FT	0	
13	Closets	Cupboard	SF	81	
<a href="#">🏠</a> <b>CEILING</b>					
14	Ceiling Board	Dry Wall	SF	654	
15	Dry Wall Fastener	Screw	PCS	1144	
16	Vapor Retarder	Polyethylene film	SF	1343	
17	Vapor Retarder Fastener	Nails with washer heads	PCS	4029	
18	Ceiling Board (MRD)	Moisture resistant drywall	SF	689	
19	MRD Fastener		PCS	1206	
20	Ceiling Board	Marine Plywood	SF	0	
21	Marine Plywood Fastener	Screw	PCS	0	
22	Dry Wall Tape		FT	671	
<a href="#">🏠</a> <b>FLOORING</b>					
23	Main Living Space		SF	330	
24	Bathroom		SF	101	
25	Bedrooms		SF	383	
26	Porch		SF	482	
<a href="#">🏠</a> <b>STRUCTURE</b>					
27	Foundation		SF	1391	

# ARCHITECTURAL BOM

	<b>WALLS EXTERIOR</b>				
28	Exterior Wall Siding		SF	1053	
29	Wall Paint		SF	1053	
30	Wall Shteaching (OSB)		SF	1053	
31	Shteaching Fastener	Self-drilling screws(100/pkt)	PKT	10.53	
32	Wall Insulation		SF	1591	
33	Wall Homewrap		SF	1053	
34	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	4	
	<b>WALLS INTERIOR</b>				
					
35	Cementitious Backer Board		SF	541.0	
36	Kerdi membrane		SF	541	
37	Kerdi membrane Fastener		SF	541	
38	Wall Ceramic Tile		SF	541	
39	Drywall Board		SF	1667	
40	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	16.67	
41	Wall Paint		SF	2720	
42	Drywall Tape		FT	314	
	<b>DOORS</b>				
					
43	Interior Swinging	3' - 0" X 6'-8"	PCS	1	
44	Interior Swinging	2' - 6" X 6'-8"	PCS	2	
45	Interior Swinging	2' - 0" X 6'-8"	PCS	1	
46	Interior Sliding	9' - 0" X 6'-8"	PCS	2	
47	Front Door With Sidelights	6' - 5" X 6'-8"	PCS	1	
48	Interior Swinging	3' - 0" X 6'-8"	PCS	1	
49	Interior Sliding	3' - 4" X 6'-8"	PCS	1	
50	Patio Sliding	5' - 0" X 6'-8"	PCS	2	

# ARCHITECTURAL BOM

<a href="#">🏠</a> <b>WINDOWS</b>					
51	Sliding	5' - 3" X 3'-3"	PCS	1	
52	Sliding	2' - 3" X 3'-3"	PCS	1	
53	Sliding	3' - 3" X 3'-3"	PCS	2	
54	Single Hung	3' - 3" X 3'-3"	PCS	1	
55	Sliding	3' - 3" X 4'-3"	PCS	1	
56	Casement	2' - 3" X 3'-3"	PCS	2	
<a href="#">🏠</a> <b>ROOF</b>					
57	Roof Covering		SF	1245.0	
58	Roof Covering Fastener		PCS	623	
59	Roof Covering Fastener		PCS	623.0	
60	Roof Felt Paper		SF	3735.0	
61	Roof Felt Paper Fastener		PCS	9960	
62	Roof Sheathing		SF	1245	
63	Roof Sheathing Fastener		PCS	19.3	
64	Batten		FT	0.0	
65	Batten Fastener		PCS	0.0	
66	Soffit		SF	162.0	
67	Soffit Fastener		PCS	81.0	
68	Fascia		FT	145	
69	Fascia board fastener		PCS	73.0	
70	Roof Insulation		SF	1245.0	

## 12-WISDOM-909-2Bd2Ba-Craftsman-550

### ELECTRICAL MATERIAL SHOPPING LIST

No.	Item	Type	Unit	Quantity	Description
<a href="#">🏠</a> <b>LIGHTING FIXTURES</b>					
1	Kitchen Ceiling Light		PCS	5	
2	Exterior Wall Mounted Light		PCS	6	
3	Livingroom Ceiling Light With Fan		PCS	1	
4	Bedroom Ceiling Light With Fan		PCS	2	
5	Bedroom Ceiling Light		PCS	8	
6	Dining Ceiling Light		PCS	1	
7	Bathroom Wall Mounted Light		PCS	2	
8	Bathroom Ceiling Light		PCS	4	
9	Livingroom Ceiling Light		PCS	2	
10	Hall & Entry Ceiling Light		PCS	3	
	Smoke Detector		PCS	3	
<a href="#">🏠</a> <b>ELECTRICAL FITTINGS</b>					
11	Standard Receptacle 120V	15A	PCS	14	
12	GFCI Receptacle 120V	20 A	PCS	12	
13	GFCI Receptacle 240V	30 A	PCS	4	
14	GFCI Receptacle 240V	40 A	PCS	1	
15	GFCI Receptacle 240V	60	PCS	1	
16	Fan Switch		PCS	1	
17	Single Pole Switch		PCS	12	
18	ThreeWay With Dimmer Switch		PCS	4	
19	Dimmer		PCS	4	
<a href="#">🏠</a> <b>ELECTRICAL CONDUITS &amp; WIRING</b>					
20	ROMEX 14 AWG	14/2 w/ground	FT	202.26	
23	ROMEX 12 AWG	12/2 w/ground	FT	396.76	
24	ROMEX 10 AWG	10/2 w/ground	FT	21.64	
25	ROMEX 10 AWG	10/3 w/ground	FT	92.85	
26	ROMEX 10 AWG	8/2 w/ground		0	
27	ROMEX 8 AWG	8/3 w/ground	FT	27.63	
28	ROMEX 6 AWG	6/3 w/ground	FT	29.23	

29	Bare Copper Ground Wire 6 AWG				
30	<b>ELECTRICAL BOXES &amp; CIRCUITS</b>				
31	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1	
32	Circuit breaker	15 A	PCS	6	
33	Circuit breaker	20 A	PCS	6	
34	Circuit breaker	30 A	PCS	3	
35	Circuit breaker	31 A	PCS	1	
36	Circuit breaker	40 A	PCS	1	
37	Circuit breaker	60 A	PCS	1	
38	Single Gang Switch Box		PCS	4	
39	Double Gang Switch Box		PCS	1	
40	Double Gang Switch Box		PCS	3	
41	Triple Gang Switch Box		PCS	3	
42	Pull Box	#1/4	PCS	28	
43	Junction Box	Tee-Aluminum-Rectangle	PCS	1	
44	Junction Box	Cross-Aluminum-Rectangle	PCS	0	
45	Receptacle Box		PCS	32	

# PLUMBING BOM



12-WISDOM-909-2Bd2Ba-Craftsman-550							
PLUMBING SYSTEM MATERIAL SHOPPING LIST							
No.	Item	Type	Unit	Quantity	Unit Price	Total	Description
<a href="#">PLUMBING FIXTURES &amp; ACCESSORIES</a>							
1	Bath Tub (Alcove Tub)		PCS	0			
2	Kitchen Sink		PCS	1			
3	Kitchen Faucets		PCS	1			
4	Vanity Sink		PCS	2			
5	Bath room Faucets		PCS	2			
6	Water Closet		PCS	1			
7	Shower Trim		PCS	2			
8	Shower Tray		PCS	2			
9	Water Heater		PCS	1			
10	Hose Bib		PCS	2			
11	Shutoff Valve		PCS	8			
12	Hanging pipe clamp		PCS	18			
13	Gate Valve		PCS	1			
14	Dishwasher Supply Single Connector		PCS	1			
15	Dishwasher Sewage Single Connector		PCS	1			
16	Laundry Sweat Connector		PCS	1			
<a href="#">SANITARY &amp; PLUMBING PIPES</a>							
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"	FT	0			
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	18.5			
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	51			
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	14			
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	126			
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	22			
7	PEX (Cross-linked polyethylene) Pipes	ø 1"	FT	0			
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"	FT	59			
9	PVC Pipes Sch.80 - Rigid	ø 2"	FT	0			
10	PVC Pipes Sch.80 - Rigid	ø 3"	FT	8			
11	Flex Pipe Round	ø 1/2"	PCS	8			

# PLUMBING BOM



PIPE FITTINGS						
24	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	3		
25	ABS 90 Degree Bend Elbow	2"ø-2"ø	PCS	2		
26	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	2		
27	ABS Bend Long Sweep Elbow	2"ø-2"ø	PCS	1		
28	ABS P-Trap	1 1/2"ø-1 1/2"ø	PCS	4		
29	ABS P-Trap	2"ø-2"ø	PCS	1		
30	ABS Reducer Elbow	2"ø-1 1/2"ø	PCS	3		
31	ABS Reducer Elbow	3"ø-2"ø	PCS	3		
32	ABS TEE Elbow	2"ø-2"ø-2"ø	PCS	2		
33	ABS TEE Elbow	3"ø-3"ø-3"ø	PCS	1		
34	ABS Trap P	2"ø-2"ø	PCS	1		
35	ABS Vent Cap Elbow	2"ø	PCS	3		
36	ABS WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø-1 1/2"ø	PCS	1		
37	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø	PCS	1		
38	ABS WASTE DOUBLE TEE	3"ø-3"ø-3"ø-3"ø	PCS	1		
39	ABS Wye Combination with 8th Bend Elbow	2"ø-2"ø-1 1/2"ø	PCS	1		
40	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø	PCS	1		
41	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-2"ø	PCS	1		
42	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-3"ø	PCS	1		
43	Bend Rain Water System	2"ø-2"ø	PCS	22		
44	Bend Sewerage System	2"ø-2"ø	PCS	7		
45	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	21		
46	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	7		
47	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	10		
48	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	7		
49	PEX Transition Elbow	1"ø-3/4"ø	PCS	2		
50	PEX Transition Elbow	3/4"ø-1/2"ø	PCS	11		
51	PVC 90 Degree Bend Elbow	2"ø-2"ø	PCS	1		
52	PVC TEE Elbow	2"ø-2"ø-2"ø	PCS	3		

# HVAC BOM



12-WISDOM-909-2Bd2Ba-Craftsman-550							
HVAC SYSTEM MATERIAL SHOPPING LIST							
No.	Item	Type	Unit	Quantity	Description		
<b>HVAC_DUCTS</b>							
<a href="#">🔗</a>							
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)	FT	9.1			
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)	FT	68.64			
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)	FT	9.15			
4	PIPE (REFRIGERANT LINE)	5/8" (Ø)	FT	0.19			
5	PIPE (REFRIGERANT LINE)	3/4" (Ø)	FT	94.27			
6	Drayer hose	4" Ø	FT	3.3			
7	FLEX DUCT ROUND	4" (Ø)	FT	6.1			
<b>△ DUCT FITTINGS &amp; ACCESSORIES</b>							
8	Elbow (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	2			
9	Elbow (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)	PCS	2			
10	Elbow (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	19			
11	Elbow (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)	PCS	11			
12	Elbow (REFRIGERANT LINE)	5/8" (Ø)-5/8" (Ø)	PCS	1			
13	Transition (REFRIGERANT LINE)	3/4" (Ø)-1/2" (Ø)	PCS	4			
14	Transition (REFRIGERANT LINE)	3/4" (Ø)-3/8" (Ø)	PCS	3			
15	Transition (REFRIGERANT LINE)	3/8" (Ø)-1/4" (Ø)	PCS	1			
16	TEE (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)-3/4" (Ø)	PCS	2			
17	TEE (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)-3/8" (Ø)	PCS	2			
18	ROUND TRANSITION(ANGLE)	45 DEGREE	PCS	4			
19	ROOF VENT	3"(Ø)	PCS	2			
<b>△ HVAC_EQUIPMENTS</b>							
1	AIR HANDLING UNIT	WALL MOUNTED	PCS	3			
2	CONDENSER	OUTDOOR UNIT	PCS	1			
3	EXHAUST FAN	75 CFM	PCS	2			
4	EXHAUST HOOD	WALL MOUNTED	PCS	1			
5	Drayer: VENT	Drayer: VENT	PCS	1			
6	Hood-Wall: VENT	Hood-Wall: VENT	PCS	1			



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2	TOC	<a href="#">TOC</a>	2
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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 <b>Materials Shopping List</b> 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							
#	Item	Type	Description,Manufacturer,SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Ceiling Light			PCS	5		
2	Exterior Wall Mounted Light			PCS	6		
3	Livingroom Ceiling Light With Fan			PCS	1		
4	Bedroom Ceiling Light With Fan			PCS	2		
5	Bedroom Ceiling Light			PCS	8		
6	Dining Ceiling Light			PCS	1		
7	Bathroom Wall Mounted Light			PCS	2		
8	Bathroom Ceiling Light			PCS	4		
9	Livingroom Ceiling Light			PCS	2		
10	Hall & Entry Ceiling Light			PCS	3		
11	Smoke Detector			PCS	3		
12							
13							
14							
15							
16							


ELECTRICAL BOM



ELECTRICAL FITTINGS							
#	Item	Type	Description,Manufacturer,SKU	Unit	Quantity	Unit Price	Total
1	Standard Receptacle 120V	15A		PCS	14		
2	GFCI Receptacle 120V	20 A		PCS	12		
3	GFCI Receptacle 240V	30 A		PCS	4		
4	GFCI Receptacle 240V	40 A		PCS	1		
5	GFCI Receptacle 240V	60		PCS	1		
6	Fan Switch			PCS	1		
7	Single Pole Switch			PCS	12		
8	ThreeWay With Dimmer Switch			PCS	4		
9	Dimmer			PCS	4		
10							
11							
12							
13							
14							
15							
16							

# ELECTRICAL BOM



<div> ELECTRICAL CONDUITS &amp; WIRING</div>							
#	Item	Type	Description,Manufacturer,SKU	Unit	Quantity	Unit Price	Total
1	ROMEX 14 AWG	14/2/W/ground		FT	202.26		
2	ROMEX 12 AWG	12/2/W/ground		FT	396.76		
3	Romex 10 AWG	10/2/W/ground		FT	21.64		
4		10/3/W/ground		FT	92.85		
5	ROMEX 8 AWG	8/3/W/ground		FT	27.63		
6	ROMEX 6 AWG	6/3/W/ground		FT	29.23		
7	Bare Copper Ground Wire 6 AWG						
8							
9							
10							
11							
12							
13							
14							

ELECTRICAL BOM



ELECTRICAL BOXES & CIRCUTES							
#	Item	Type	Description,Manufacturer,SKU	Unit	Quantity	Unit Price	Total
1	Lighting and Appliance panelboard -240V 1 PHASE	200 AMP		PCS	1		
2	Circuit breaker	15 A		PCS	6		
3	Circuit breaker	20 A		PCS	6		
4	Circuit breaker	30 A		PCS	3		
5	Circuit breaker	40 A		PCS	1		
6	Circuit breaker	60 A		PCS	1		
7	Single Gang Switch Box			PCS	4		
8	Double Gang Switch Box			PCS	4		
9	Triple Gang Switch Box			PCS	3		
10	Pull Box	#1/4		PCS	28		
11	Junction Box	Tee-Aluminum- rectangle		PCS	1		
12	Receptacle Box			PCS	32		
13							
14							
15							

HVAC BOM



HVAC_DUCTS							
#	Item	Type	Description,Manufacturer,SKU	Unit	Quantity	Unit Price	Total
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	9.1		
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)		FT	68.64		
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)		FT	9.15		
4	PIPE (REFRIGERANT LINE)	5/8" (Ø)		FT	0.19		
5	PIPE (REFRIGERANT LINE)	3/4" (Ø)		FT	94.27		
6	Drayer hose	4" (Ø)		FT	3.3		
7	FLEX DUCT ROUND	4" (Ø)		FT	6.1		
7							
8							
9							
10							
11							
12							
13							
14							
15							

HVAC BOM



DUCT FITTINGS & ACCESSORIES							
#	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	19		
4	Elbow (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)		PCS	11		
5	Elbow (REFRIGERANT LINE)	5/8" (Ø)-5/8" (Ø)		PCS	1		
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	4		
12	ROOF VENT	3"(Ø)		PCS	2		
13							
14							
15							
16							

# HVAC BOM



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

# PLUMBING BOM



#	PLUMBING FIXTURES & ACCESSORIES						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Bath Tub (Alcove Tub)			PCS	0		
2	Kitchen Sink			PCS	1		
3	Kitchen faucets			PCS	1		
4	Vanity Sink			PCS	2		
5	Bath room faucets			PCS	2		
6	Water Closet			PCS	1		
7	Shower Trim			PCS	2		
8	Shower Tray			PCS	2		
9	Water Heater			PCS	1		
10	Hose Bib			PCS	2		
11	Shutoff Valve			PCS	8		
12	Hanging pipe clamp			PCS	18		
13	Gate Valve			PCS	1		
14	Dishwasher Supply Single Connector			PCS	1		
15	Dishwasher Sewage Single Connector			PCS	1		
16	Laundry Sweat Connector			PCS	1		

PLUMBING BOM



#	SANITARY & PLUMBING PIPES						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"		FT	0		
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"		FT	18.5		
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"		FT	51		
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"		FT	14		
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"		FT	126		
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"		FT	22		
7	PEX (Cross-linked polyethylene) Pipes	ø 1"		FT	0		
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"		FT	8		
9	PVC Pipes Sch.80 - Rigid	ø 2"		FT	59		
10	PVC Pipes Sch.80 - Rigid	ø 3"		FT	0		
11	Flex Pipe Round	ø 1/2"		PCS	8		
12							
13							
14							
15							

PLUMBING BOM




#	PIPE FITTINGS 01						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø		PCS	3		
2	ABS 90 Degree Bend Elbow	2"ø-2"ø		PCS	2		
3	ABS 90 Degree Bend Elbow	3"ø-3"ø		PCS	2		
4	ABS Bend Long Sweep Elbow	2"ø-2"ø		PCS	1		
5	ABS P-Trap	1 1/2"ø-1 1/2"ø		PCS	4		
6	ABS P-Trap	2"ø-2"ø		PCS	1		
7	ABS Reducer Elbow	2"ø-1 1/2"ø		PCS	3		
8	ABS Reducer Elbow	3"ø-2"ø		PCS	3		
9	ABS TEE Elbow	2"ø-2"ø-2"ø		PCS	2		
10	ABS TEE Elbow	3"ø-3"ø-3"ø		PCS	1		
11	ABS Trap P	2"ø-2"ø		PCS	1		
12	ABS Vent Cap Elbow	2"ø		PCS	3		
13	ABS WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø-1 1/2"ø		PCS	1		
14	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø		PCS	1		
15	ABS WASTE DOUBLE TEE	3"ø-3"ø-3"ø-3"ø		PCS	1		

PLUMBING BOM



#	PIPE FITTINGS 02						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS Wye Combination with 8th Bend Elbow	2"ø-2"ø-1 1/2"ø		PCS	1		
2	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø		PCS	1		
3	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-2"ø		PCS	1		
4	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-3"ø		PCS	1		
5	Bend Rain Water System	2"ø-2"ø		PCS	22		
6	Bend Sewerage System	2"ø-2"ø		PCS	7		
7	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	21		
8	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	7		
9	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	10		
10	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	7		
11	PEX Transition Elbow	1"ø-3/4"ø		PCS	2		
12	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	11		
13	PVC 90 Degree Bend Elbow	2"ø-2"ø		PCS	1		
14	PVC TEE Elbow	2"ø-2"ø-2"ø		PCS	3		
15							




<a href="#"></a>	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							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							





CASEWORKS 01							
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Cabinet			FT	16.2		
2	Laundry Cabinet			FT	3		
3	Vanity Cabinet			FT	2.25		
4	Medicine Cabinet			PCS	2		
5	Kitchen countertop			SF	24.58		
6	Laundry Countertop			PCS	0		
7	Bathroom Countertop			SF	0		
8	Island			FT	0		
9	Peninsula			FT	0		
10	Closets	cupboard		SF	81		
11							
12							
13							
14							
15							
16							

#	CEILING 01						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	LIVING ROOM + KITCHEN + DINING			SF	487.5		
1	Ceiling Board	Drywall		SF	488		
2	Drywall Fastener	Screw		PCS	853		
3	Vapor Retarder	Polyethylene film		SF	487.5		
4	Vapor Retarder Fastener	Nails with washer heads		PCS	1462.6		
	BATH ROOM			SF	39.8		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	40		
6	MRD Fastener	Screw		PCS	70		
	HALL			SF	17.5		
7	Ceiling Board	Drywall		SF	18		
8	Drywall Fastener	Screw		PCS	31		
9	Vapor Retarder	Polyethylene film		SF	17.5		
10	Vapor Retarder Fastener	Nails with washer heads		PCS	52.5		
	COVERED PORCH			PCS	53.0		
11	Ceiling Board	Marine Plywood		SF	416		
12	Exterior Grade Plywood	Screw		PCS	728		



CEILING 02

#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BED ROOM 1			SF	124.3		
13	Ceiling Board	Drywall		SF	124		
14	Drywall Fastener	Screw		PCS	217		
15	Vapor Retarder	Polyethylene film		SF	124.3		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	372.8		
	BED ROOM 2			SF	126.2		
17	Ceiling Board	Drywall		SF	126		
18	Drywall Fastener	Screw		PCS	221		
19	Vapor Retarder	Polyethylene film		SF	126.2		
20	Vapor Retarder Fastener	Nails with washer heads		PCS	378.6		
	ENTRY			SF	42.6		
21	Ceiling Board	Drywall		SF	43		
22	Drywall Fastener	Screw		PCS	75		
23	Vapor Retarder	Polyethylene film		SF	42.6		
24	Vapor Retarder Fastener	Nails with washer heads		PCS	127.8		

	CEILING 02						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	CL 2			SF	19.3		
25	Ceiling Board	Drywall		SF	19		
26	Drywall Fastener	Screw		PCS	34		
27	Vapor Retarder	Polyethylene film		SF	19.3		
28	Vapor Retarder Fastener	Nails with washer heads		PCS	57.8		
	CL 3			SF	8.8		
29	Ceiling Board	Drywall		SF	9		
30	Drywall Fastener	Screw		PCS	15		
31	Vapor Retarder	Polyethylene film		SF	8.8		
32	Vapor Retarder Fastener	Nails with washer heads		PCS	26.4		
	WH			SF	7.7		
33	Ceiling Board	Drywall		SF	8		
34	Drywall Fastener	Screw		PCS	13		
35	Vapor Retarder	Polyethylene film		SF	7.7		
36	Vapor Retarder Fastener	Nails with washer heads		PCS	23.1		
	CEILING 02						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	PORCH			SF	114.0		
37	Ceiling Board	Marine Plywood		SF	114		
38	Exterior Grade Plywood	Screw		PCS	199		




#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BEDROOM #1						
1	Bedroom Flooring			SF	164		
2	Wood underlay	Foam Pad Polyethylene		SF	164		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	164		
	CL #1						
4	Closet Flooring			SF	20		
5	Wood underlay	Foam Pad Polyethylene		SF	20		
6	Vapor Retarder	Vapor Barrier Polyethylene		SF	20		
	BATH #1						
7	Tile Finish			SF	43		
8	Adhesive	1/2" Thin set Mortar		SF	43		
9	Vapor Retarder	Vapor Barrier Polyethylene		SF	43		
	LIVING ROOM AND KITCHEN						
10	Living Room Flooring			SF	330		
11	Wood underlay	Foam Pad Polyethylene		SF	330		
12	Vapor Retarder	Vapor Barrier Polyethylene		SF	330		



#	FLOORING INTERIOR 02						
	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BEDROOM #2						
13	Bedroom Flooring			SF	171		
14	Wood underlay	Foam Pad Polyethylene		SF	171		
15	Vapor Retarder	Vapor Barrier Polyethylene		SF	171		
	CL#2						
16	Closet Flooring			SF	20		
17	Wood underlay	Foam Pad Polyethylene		SF	20		
18	Vapor Retarder	Vapor Barrier Polyethylene		SF	20		
	W/D						
19	Tile Finish			SF	8		
20	Adhesive	1/2" Thin set Mortar		SF	8		
21	Vapor Retarder	Vapor Barrier Polyethylene		SF	8		
	BATH #2						
22	Tile Finish			SF	43		
23	Adhesive	1/2" Thin set Mortar		SF	43		
24	Vapor Retarder	Vapor Barrier Polyethylene		SF	43		



<div> FLOORING INTERIOR 02</div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BOILER RM.						
25	Tile Finish			SF	7		
26	Adhesive	1/2" Thin set Mortar		SF	7		
27	Vapor Retarder	Vapor Barrier Polyethylene		SF	7		
	CL#3						
28	Closet Flooring			SF	8		
29	Wood underlay	Foam Pad Polyethylene		SF	8		
30	Vapor Retarder	Vapor Barrier Polyethylene		SF	8		




	FLOORING EXTERIOR						
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	
	PORCH						
1	Tile Finish	3/4" non-slippery Porcelain Tile Finish		SF	482		
2	Adhesive	1/2" Thin set Mortar		SF	482		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	482		
	STRUCTURE						
4	Concrete Slab	4"concrete cast in situ		CF	312.5		
5	Insulation	Rigid insulation		SF	224		
6	Hard core	Compacted soil		CF	362.1		
7	Re-bar	#4 re-bar		Ton	0.36		
8	Concrete Pad	4"concrete cast in situ		CF	1.58		
9	Slab edge	Turndown		CF	326.33		
10	Footing	Cast-in-place concrete		CF	40		



WALLS: EXTERIOR							
	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
1	Exterior-Grade Plywood Horizontal Siding	Self-drilling screws(100/pkt)		SF	1053		
2	Exterior-Grade Plywood Fastener			PKT	10.53		
3	Wall Paint			SF	1053		
4	Stone Copping	Masonry stone		SF	9		
5	Stone Veneer	Masonry stone		SF	89		
6	Mortar for Stone Veneer			SF	98		
7	Wall Shteathing (OSB)			SF	1053		
8	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	10.53		
9	Wall Insulation			SF	1591		
10	Wall Homewrap			SF	1053		
11	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	4		
12	Furring Strip			PCS	131.6		
13	Furring Strip Fastener	Self-drilling screws(100/pkt)		PKT	10.53		







WALLS: INTERIOR 01


#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BATHROOM 1			SF	202		
1	Cementitious Backer Board			SF	202		
2	Kerdi membrane			SF	202		
3	Kerdi membrane Fastener			SF	202		
4	Wall Ceramic Tile			SF	202		
	BATHROOM 2			SF	248		
5	Cementitious Backer Board			SF	248		
6	Kerdi membrane			SF	248		
7	Kerdi membrane Fastener			SF	248		
8	Wall Ceramic Tile			SF	248		
	BEDROOM 1			SF	345		
9	Drywall Board			SF	345		
10	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.45		
11	Wall Paint			SF	345		
12	Drywall Tape			FT	64.7		



	WALLS: INTERIOR 02						
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BEDROOM 2			SF	297		
13	Drywall Board			SF	297		
14	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.97		
15	Wall Paint			SF	297		
16	Drywall Tape			FT	56		
	CLOSET 1			SF	146		
17	Drywall Board			SF	146		
18	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.46		
19	Wall Paint			SF	146		
20	Drywall Tape			FT	27.5		
	CLOSET 2			SF	124		
21	Drywall Board			SF	124		
22	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.24		
23	Wall Paint			SF	124		
24	Drywall Tape			FT	23.4		



<div>WALLS: INTERIOR 03</div>							
#	Item	Type	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	CLOSET 3			SF	75		
25	Drywall Board			SF	75		
26	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.75		
27	Wall Paint			SF	75		
28	Drywall Tape			FT	14.2		
	KITCHEN			SF	153		
29	Cementitious Backer Board			SF	23		
30	Drywall Board			SF	153		
31	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.53		
32	Kerdi membrane			SF	23		
33	Kerdi membrane Fastener			SF	23		
34	Wall Ceramic Tile			SF	23		
35	Wall Paint			SF	153		
36	Drywall Tape			FT	28.7		

WALLS: INTERIOR 04							Total
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	
	WD			SF	68		
37	Cementitious Backer Board			SF	68		
38	Kerdi membrane			SF	68		
39	Kerdi membrane Fastener			SF	68		
40	Wall Ceramic Tile			SF	68		
	WH			SF	72		
41	Drywall Board			SF	72		
42	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.72		
43	Wall Paint			SF	72		
44	Drywall Tape			FT	13.5		
	WALLS: INTERIOR 05						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	HALL			SF	196		
45	Drywall Board			SF	196		
46	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.96		
47	Wall Paint			SF	196		
48	Drywall Tape			FT	36.8		
	LIVING ROOM			SF	259		
49	Drywall Board			SF	259		
50	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.59		
51	Wall Paint			SF	259		
52	Drywall Tape			FT	48.9		



#	Item	Type	DOORS				
			Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Interior Swinging	3' - 0" X 6'-8"		PCS	1		
2	Interior Swinging	2' - 6" X 6'-8"		PCS	2		
3	Interior Swinging	2' - 0" X 6'-8"		PCS	1		
4	Interior Sliding	9' - 0" X 6'-8"		PCS	2		
5	Front Door With Sidelights	6' - 5" X 6'-8"		PCS	1		
6	Interior Swinging	3' - 0" X 6'-8"		PCS	1		
7	Interior Sliding	3' - 4" X 6'-8"		PCS	1		
8	Patio Sliding	5' - 0" X 6'-8"		PCS	2		
9	Interior Door Trim			FT	175.02		
10	Exterior Door Trim			FT		53.01	
12	Passage Lockset			PCS	4		
13	Entry Lockset			PCS	3		
14	Privacy Lockset			PCS	4		
9							
10							
11							
12							
13							
14							
15							



#	WINDOWS						
	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Sliding	5' - 3" X 3'-3"		PCS	1		
2	Sliding	2' - 3" X 3'-3"		PCS	1		
3	Sliding	3' - 3" X 3'-3"		PCS	2		
4	Single Hung	3' - 3" X 3'-3"		PCS	1		
5	Sliding	3' - 3" X 4'-3"		PCS	1		
6	Casement	2' - 3" X 3'-3"		PCS	2		
4	Interior Window Trim			FT	104		
5	Exterior Winodw Trim			FT	104		
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							



	ROOF 01						
#	Item	Type	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Roof Covering			SF	1245.0		
2	Roof Covering Fastener			PCS	623		
3	Roof Felt Paper			SF	1245.0		
4	Roof Felt Paper Fastener			PCS	3735.0		
5	Roof Sheathing			SF	1245.0		
6	Roof Sheathing Fastener			PCS	9960		
7	Batten			FT	0.0		
8	Batten Fastener			PCS	0.0		
9	Soffit			SF	162.0		
10	Soffit Fastener			PCS	81.0		
11	Fascia			FT	145.0		
12	Fascia board fastener			PCS	73		
13	Roof Insulation			SF	1245.0		