

WISDOM

The Wisdom is a charming Craftsman style 3 bedroom 2 bathroom home with a warm and inviting exterior. The classic gable roofs, 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 a simple open plan hosting living, dinging areas in one corner and three bedrooms on each corner of the house. 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



37' - 8"

FLOOR PLAN



1194 SF

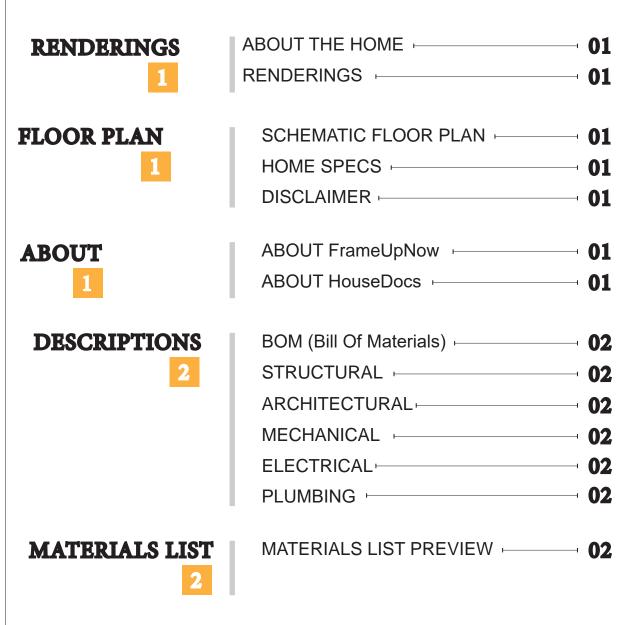


3 Bed Rooms



BEDROOM 2 127 SF KITCHEN 163 SF LIVING ROOM 226 SF BEDROOM 3

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MATERIALS SHOPPING LIST





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

15-Wisdom-1194-3Bd2Ba-Craftsman-550

DRAWING NAME

INTRODUCTION

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

1101

SCALE:

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DISCLAIMER

DESCRIPTIONS

MATERIALS LIST

The BOM (Bill Of Materials) package, known as the Materials Shopping List document, provides:

Comprehensive Inventory: Detailed lists of essential materials sourced from architectural, mechanical, HVAC, electrical, and plumbing design drawing sets.

Precise Curation: Each item meticulously selected and organized for accuracy and efficiency in project planning.

Customizable Options: Customers can modify listed items to their preferences and calculate costs accordingly, ensuring alignment with personal project needs and budget.

Dedicated Space for Details: Includes tables for customers to note Home Depot SKU numbers or product descriptions for selected items,

facilitating seamless purchasing and coordination with suppliers.

Customer Convenience: Take the list to Home Depot or preferred suppliers for accurate pricing, helping align the total home budget with personal financial plans.

Simplify your construction journey with our Materials Shopping List document, where detailed preparation meets streamlined implementation for your dream home.

MECHANICAL

THE WISDOM 3 BED 2BATH

ELECTRICAL BOM

200 watt Ceiling Light pendant

100 watt Floor Lamp Standup

20 watt Pendant Light Linear 2 Lamp

Standalone Linear light Recessed

o 60 watt Exterior

STRUCTURAL

The structural drawings package provides an exhaustive set of detailed plans essential for the precise assembly of your building. This comprehensive package includes:

Framing Plans: Detailed layouts for all framing components. Truss Layouts: Clear instructions for truss placement and

Panel Length Plans: Specifications for panel dimensions. Framing Elevations and Sections: Precise elevation and sectional views for accurate construction.

Truss and Wall Blocking Plans: Plans for truss and wall blocking to ensure structural integrity.

Hold-Down Plan: Detailed hold-down requirements for stability. Snap Sheet: Reference sheet for quick identification of components

Structural Details and Bracing Plans: Complete details and bracing plans for all structural elements.

Accompanying these plans is a comprehensive Bill of Materials (BOM) that lists every necessary building component, from cold formed steel (CFS) frames to fasteners.

ARCHITECTURAL

With the comprehensive architectural package, both builders and DIY homeowners can confidently execute the construction.

The architectural package includes:

Furnished Floor Plans: Complete with furniture layouts for a clear understanding of space utilization.

Detailed Dimension Plans: Ensures precise measurements, from the overall footprint down to the exact placement of windows and

Foundation Plan: Detailed plan to establish a solid foundation.

Wall Framing and Truss Layout: Comprehensive plans for wall framing and truss placement.

Architectural Elevations: Exterior views showcasing the design.

Strategic Building Sections: Critical cross-sectional details for a thorough understanding of the build.

Casework Drawings and Diagrams: Suggested designs for built-in caseworks, such as kitchen cabinets.

ELECTRICAL

The mechanical package includes everything needed to guide HVAC

Detailed HVAC Floor Plan: Precisely maps out the placement of air handlers, ductwork, and vents throughout the home's layout.

HVAC Sections and Riser Diagrams: Technical drawings offering critical cross-sectional details and piping schematics, ensuring proper integration of the heating and cooling system into the home's structure.

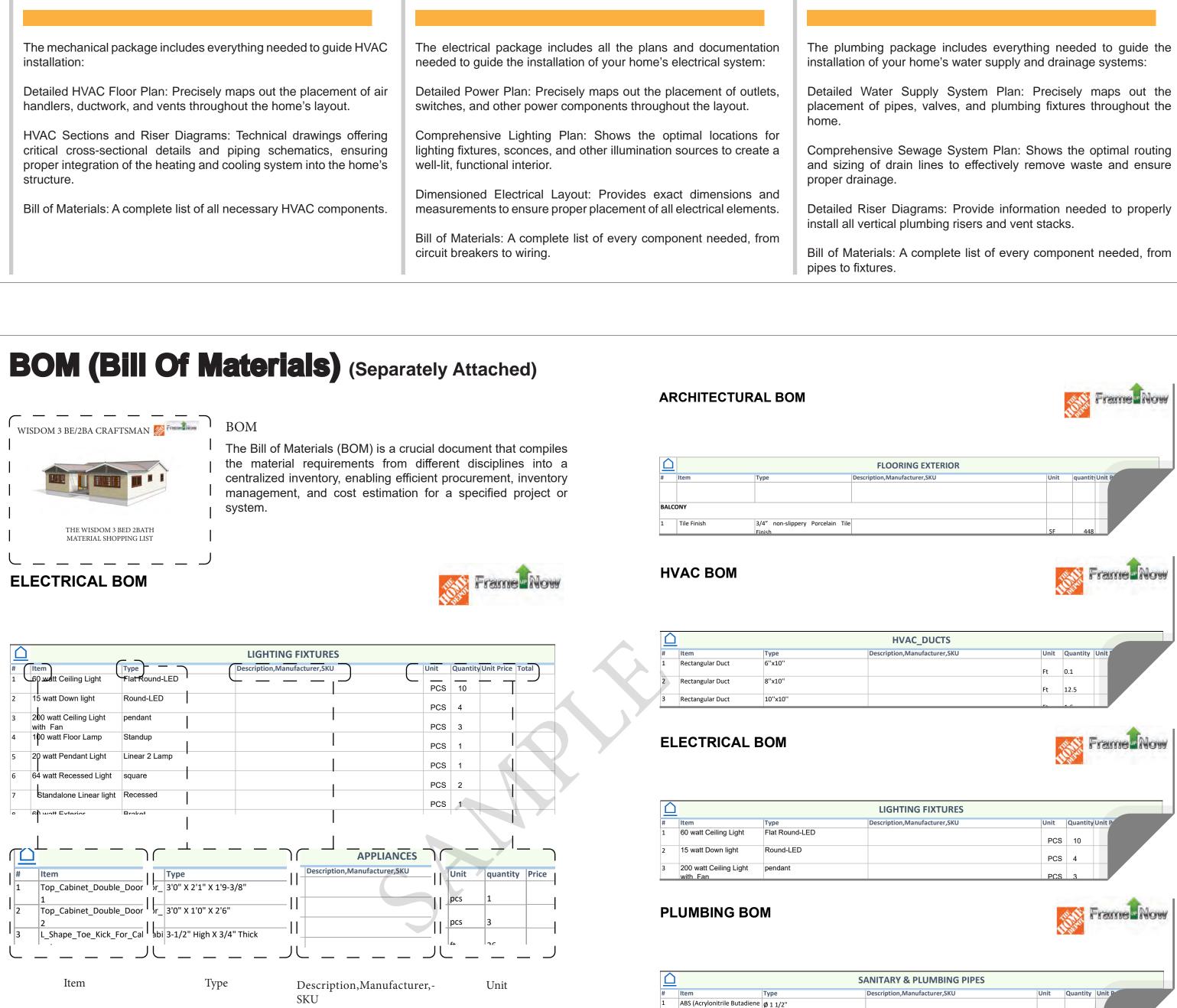
Bill of Materials: A complete list of all necessary HVAC components.

The plumbing package includes everything needed to guide the

Detailed Water Supply System Plan: Precisely maps out the placement of pipes, valves, and plumbing fixtures throughout the

Comprehensive Sewage System Plan: Shows the optimal routing and sizing of drain lines to effectively remove waste and ensure

PLUMBING

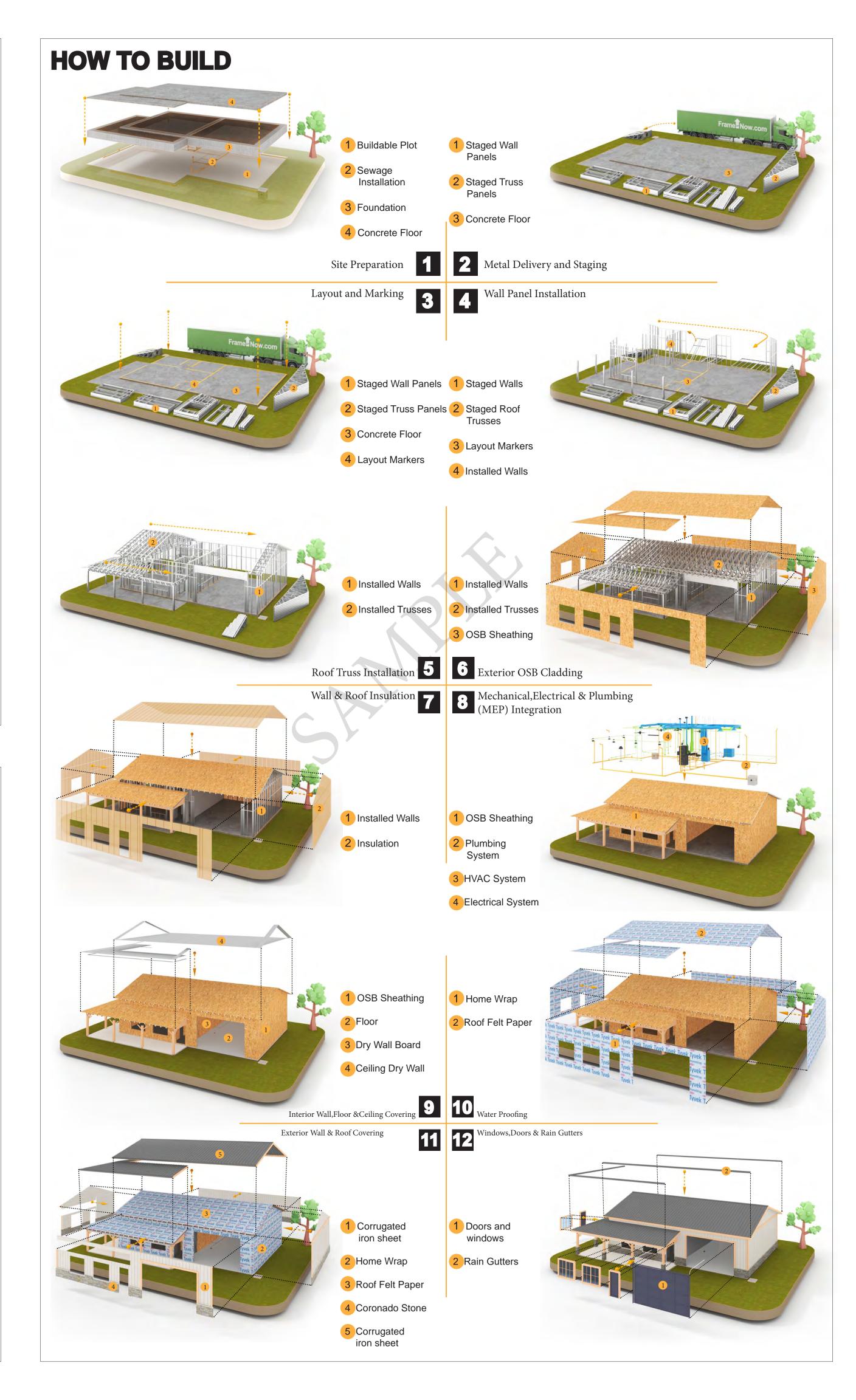


ABS (Acrylonitrile Butadiene Ø 2'

ABS (Acrylonitrile Butadiene Ø 3"

Styrene) Pipes

Styrene) Pipes





KEY PLAN

DESCRIPTION DATE

NOTE:

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15-Wisdom-1194-3Bd2Ba-Craftsman-550

DRAWING NAME

INTRODUCTION

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

1102

SCALE:

specified in the type column.

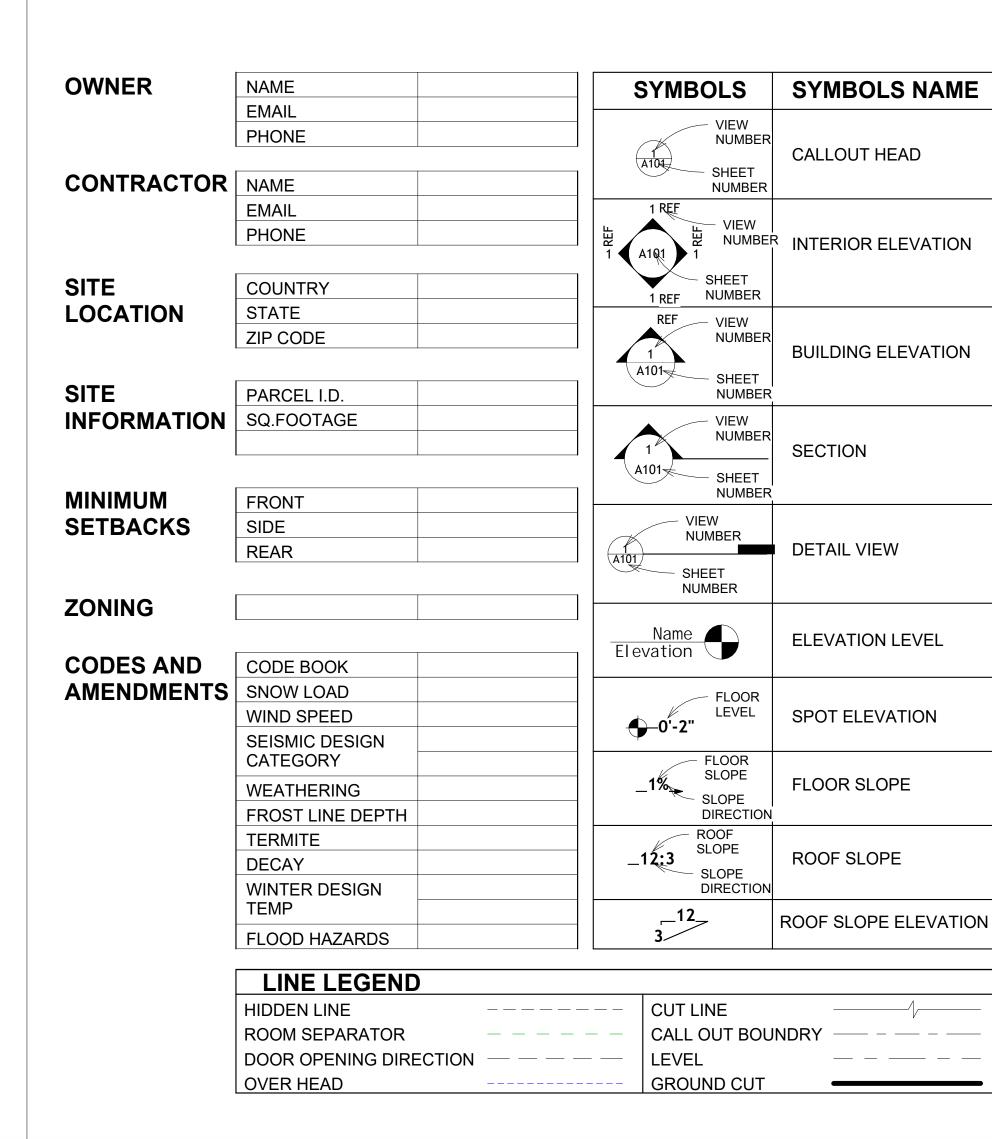
For the list of materials Space provided to be Materials are listed

there will a more detail Description, Manufacturer and convenient.

description about the type SKU.

of the Material.

listed in th item column filled by informations like in a unit that is most



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	S101	FOUNDATION PLAN	CA	CASEWORK	
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	P104	RISER DIAGRAM	PVC	POLYVINYL CHLORIDE	
	M101	HVAC PLAN	REF	REFERENCE	
	M102	HVAC SECTION	RG	RIGHT GARAGE	
	M103	RISER DIAGRAM	SE	SPECIAL EQUIPMENT	
			SF	SQUARE FEET	
			SIMP. STHD8	SIMPSON STRAP THE	
	TAG	TAG'S NAME		HOLDDOWN	
	CAO1	CASEWORK TAG	SIMP. ABE66	SIMPSON ANCHOR BOL	
	CA01	O. O.E. TOTAL TARGET	TV	TELEVISION	
	1	DOOR TAG	UNO	UNLESS NOTED OTHER	
	<u></u>	FURNITURE TAG	W/	WITH	
	`-'		l W/D	WASHER/DRYER	

WASHER/DRYER

AIR HANDLING UNIT

CEILING DIFFUSER Cubic Feet Per Minute

CEILING REGISTER

CONDENSING UNIT

COLD WATER

EXHAUST AIR

EXHAUST FAN

FAN COIL UNIT

HEATING COIL

INLET VANES

MAXIMUM

MINIMUM

RETURN AIR

RETURN FAN SUPPLY AIR

STATIC PRESSURE

MECHANICAL ROOM

EXISTING

FLOOR

EXPANSION TANK

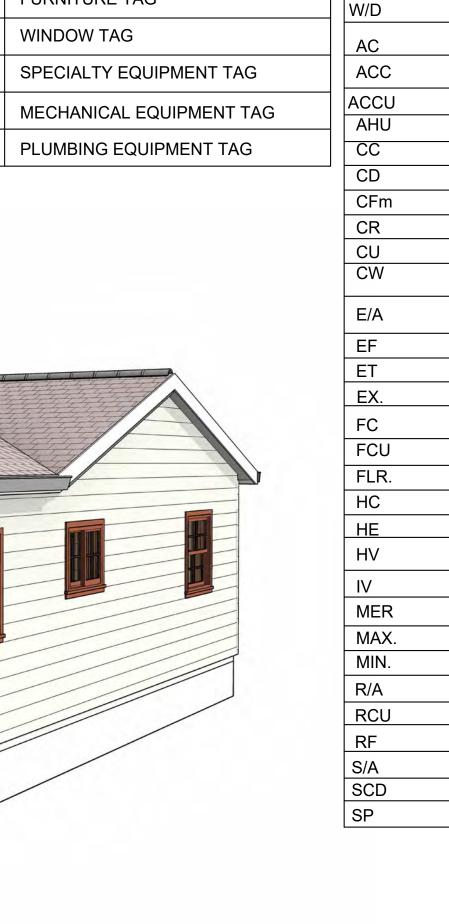
FLEXIBLE CONNECTION

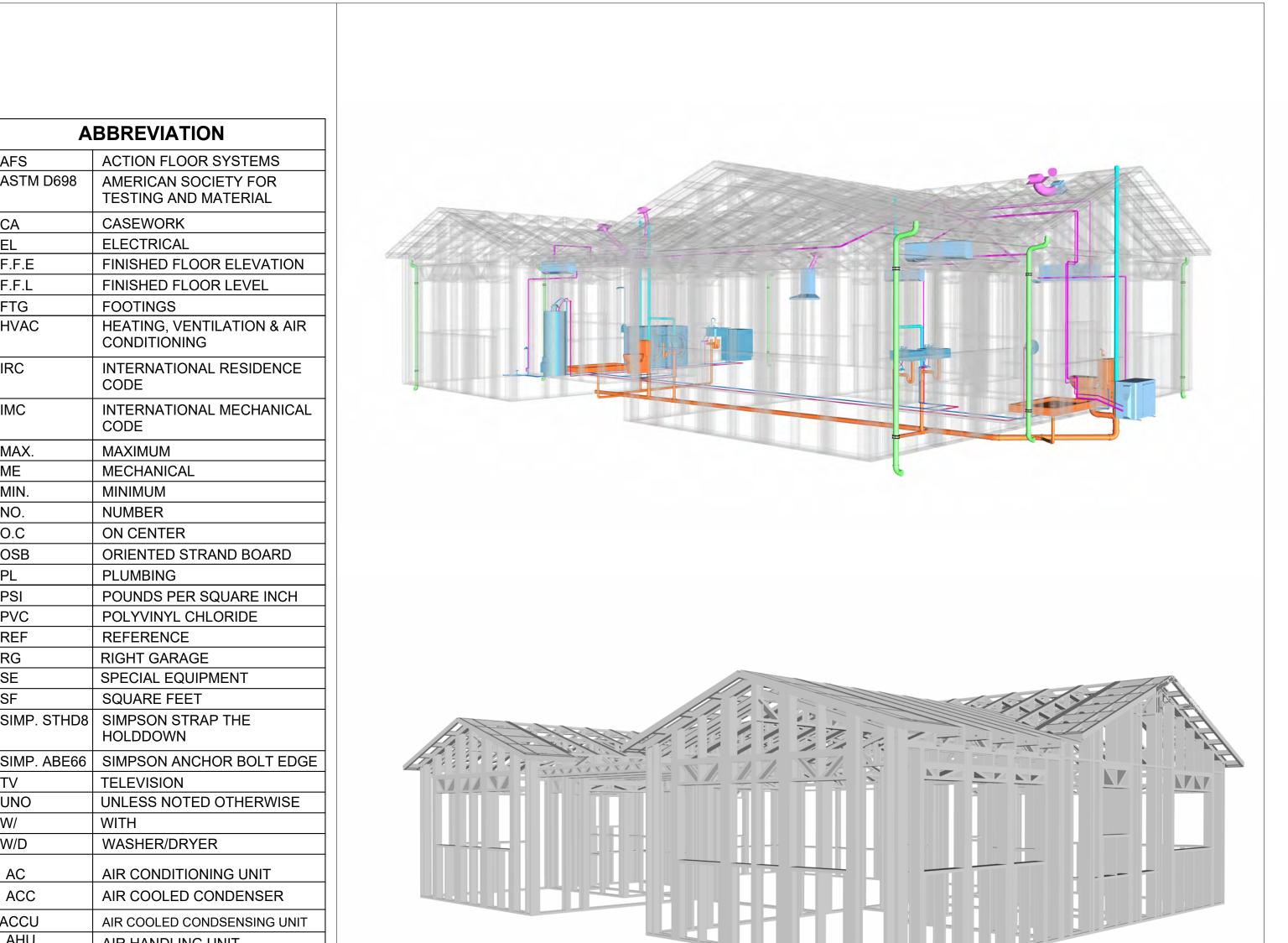
AIR TO AIR HEAT EXCHANGER

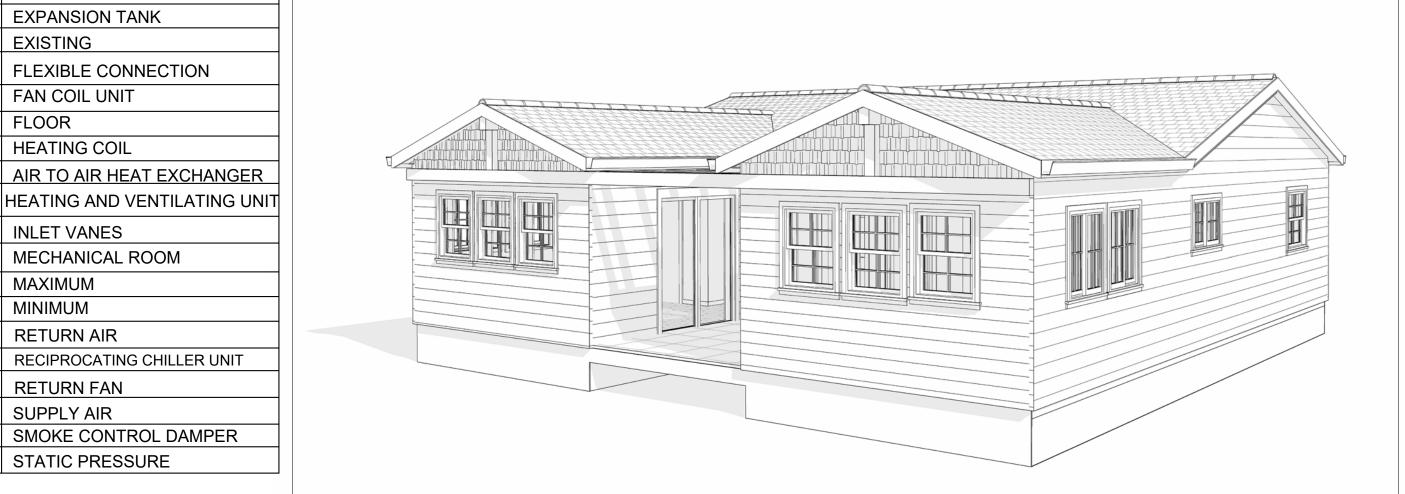
RECIPROCATING CHILLER UNIT

SMOKE CONTROL DAMPER

COOLING COIL





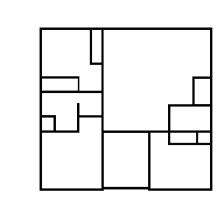


15 WISDOM 1194 3Bd/2Ba CRAFTSMAN **550**

ŀ	SQUARE FOOTAGE	
ľ	LIVING	1194
	TOTAL	1194



KEY PLAN





NO.	DESCRIPTION	DATE

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

COVER SHEET

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/8/2025 6:00:20 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

G101

SCALE: As indicated

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.
- 2. THE ARCHITECTURAL DRAWINGS ARE PREPARED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND
- 3. THE CONSTRUCTION OF THIS HOME SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL RESIDENTIAL CODE (IRC), INTERNATIONAL MECHANICAL CODE (IMC), THE INTERNATIONAL PLUMBING STANDARD, THE NATIONAL ELECTRICAL STANDARD AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
- 4. COORDINATION WITH OTHER TRADES HAS BEEN DONE ON A DESIGN LEVEL. THIS DRAWING SHALL BE READ TOGETHER WITH THE ME, EL AND PL DESIGN DRAWINGS TO ENSURE PROPER CONSTRUCTION AND INTEGRATION OF THE BUILDING SYSTEMS.

ABOUT WALLS:

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.

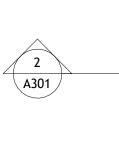
3. ADHESIVES:

THE ADVISABLE TYPE OF ADHESIVE FOR THIS PROJECT IS **EPOXY ADHESIVES** BECAUSE THEY ARE KNOWN FOR THEIR HIGH STRENGTH, DURABILITY, AND RESISTANCE TO MOISTURE, CHEMICALS AND HEAT.

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

ABOUT FLOORS:

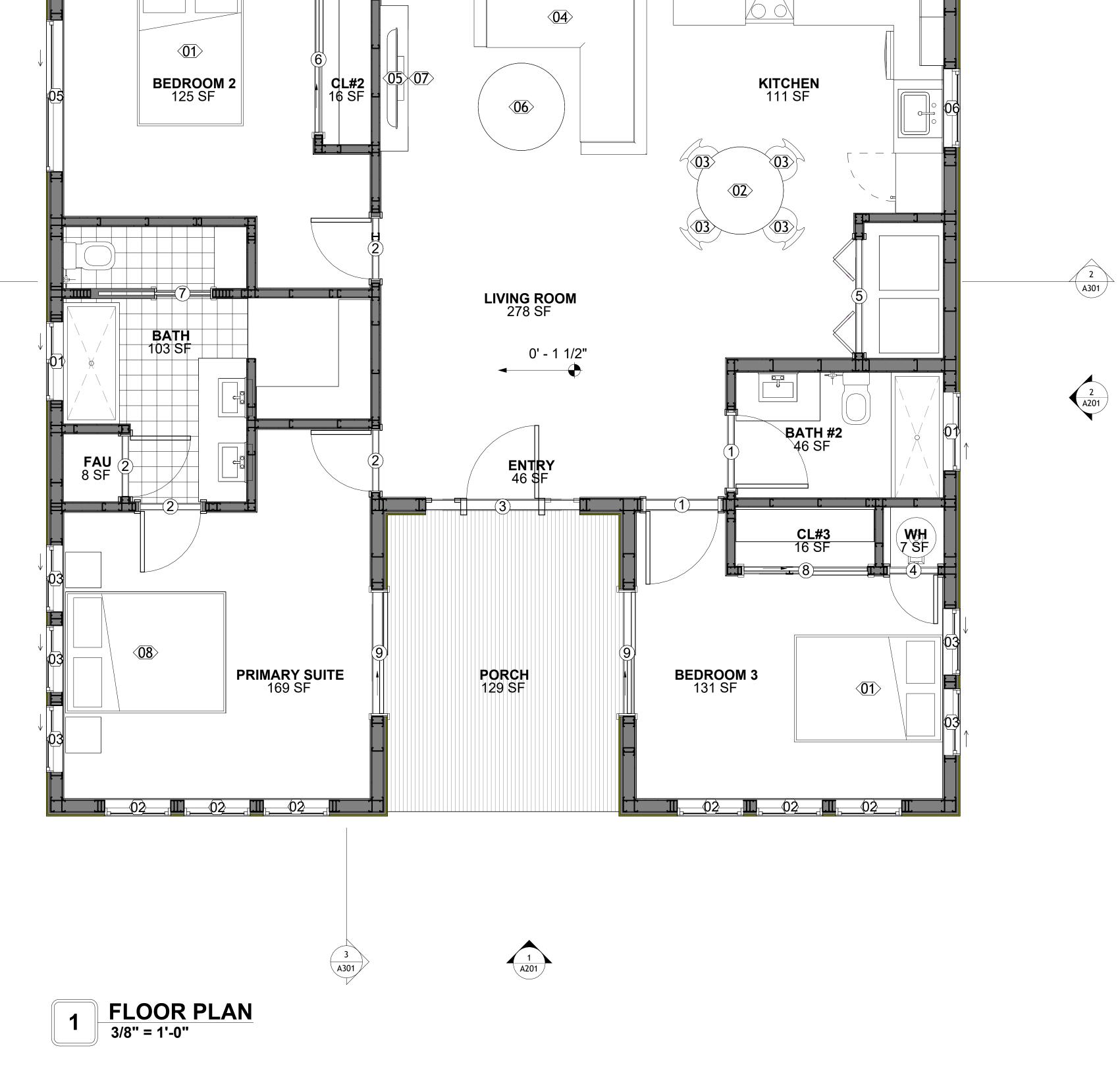
- THE SPOT ELEVATION INDICATES THE FINISHED FLOOR ELEVATION.
- 2. FINISHED FLOORS PER PLANS.
- 3. FIELD VERIFY FOR DIMENSION DROP 4" FOR SHOWER AND BATHTUB USE.
- 4. 1% SLOPE ON OUTDOOR BALCONIES FOR WATER RUN OFF.
- 5. 2% SLOPE TOWARDS THE SHOWER DRAIN FOR SUFFICIENT DRAINAGE. 6. 4" DROP AT THE DOOR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





	FURNITURE SCHEDULE				
TYPE MARK	TYPE		COUNT		
01	DOUBLE 53" X 74"	1			
02	ROUND TABLE 2	1			
03	DINING CHAIR	4			
04	FOUR SIT 85" X 85"	1			
05	TV	1			
06	COFFE TABLE	1			
07	TV STAND	1			
08	60" X 80" - QUEEN	1			

	ROOM FINISH SCHEDULE						
ROOM NUMBE R	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COMMENT S
01	BEDROOM 2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
02	CL#2	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
03	KITCHEN	HARDWOOD	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	
04	LIVING ROOM	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
05	ENTRY	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
06	CL#3	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
07	WH	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	
08	BEDROOM 3	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
09	PRIMARY SUITE	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
10	BATH	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
11	BATH #2	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
12	FAU	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	
13	PORCH	PROCELIAN TILE	CONCRETE	EXTERIOR-GRADE PLYWOOD	PLYWOOD	8' - 0"	
14	W/D	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	



A301

03 11 03 11 11 1 04 11



KEY PLAN

NO.	DESCRIPTION	DATE	

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

FLOOR PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/8/2025 6:00:22 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A101

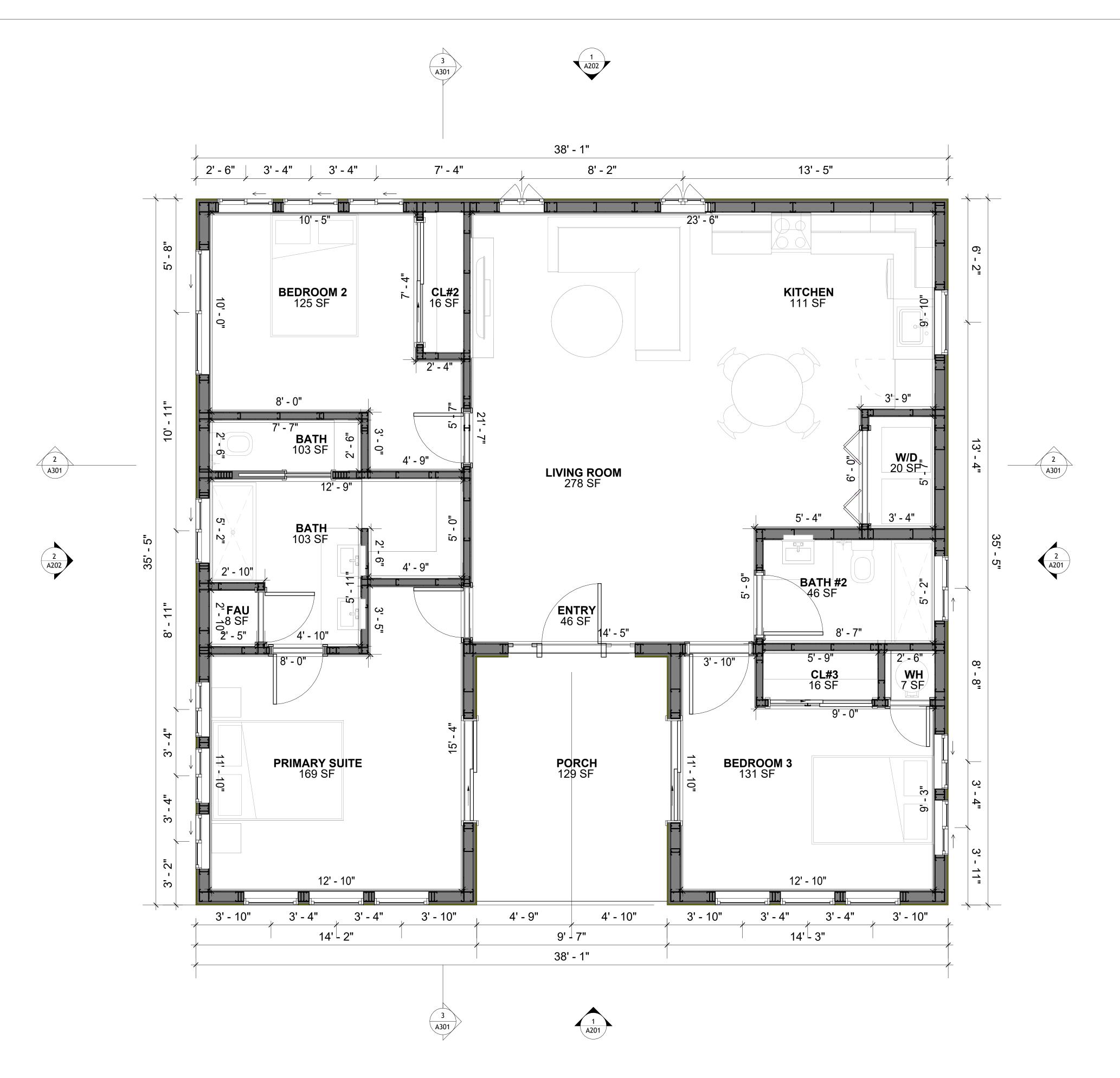
SCALE: As indicated

1194

1194

LIVING TOTAL

SQUARE FOOTAGE



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

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

SQUARE FOOTAGE
LIVING 1194

TOTAL 1194



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

DIMENSION PLAN

Client Name
0033_15
2/8/2025 6:00:24 PM
Designer
Author
Checker

A102

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

FOUNDATION NOTES

NOTES:

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

1. MATERIALS:

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

2. **PAD PREPARATION:**

EXCAVATION FOR FOOTING SHALL BE NEAT.

- FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION AND APPROPRIATE INSPECTION.

- ALL REINFORCING STEEL MARKED "CONTINUOUS" SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES AND AROUND CORNERS OR INTERSECTIONS WITH A STANDARD 90 DEGREE BEND ON CORNER BARS. LAP WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.

- ALL HARDWARE TO BE SIMPSON OR EQUIVALENT.
- EXTERIOR FRAME WALL TO BE SECURED WITH 1/2"X10" ANCHOR BOLTS 4'-0" O.C. FOR 1-STORY AND 2'-8" O.C. FOR 2-STORY. BOLTS SHALL BE LOCATED WITHIN 1'-0" OF EACH END PIECE AND SHALL HAVE A MIN. OF TWO BOLTS PER PIECE.

-FOUNDATION ANCHOR STRAPS SHALL BE PERMITTED, ACCORDING TO RESIDENTIAL CODE 2021

- ALL INTERIOR WALLS TO BE SECURED WITH POWER DRIVEN PINS PER MANUFACTURER SPECIFICATION USE PIN SPACING EQUIVALENT TO 1/2" ANCHOR BOLTS.

- ALL CONSTRUCTION TO CONFORM TO THE 2012 IRC
 - R-10 RIGID INSULATION OUTSIDE OF EXTERIOR FOUNDATION WALLS UNDER LIVING AREA.
 - CONCRETE PAD FOR CONDENSER THICKNESS IS 4" MIN UNLESS OTHERWISE NOTED.

3. CONCRETE CONSTRUCTION:

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

4. REINFORCEMENT:

- IF CONSTRUCTED ON ACTIVE SOILS, THE LONG TERM PERFORMANCE OF THE FOUNDATION IS DEPENDENT ON MAINTENANCE BY THE OWNER. THUS THE BUILDER SHALL ADVISE THE OWNER OF THE FOLLOWING:

- 1. DRAINAGE MUST BE MAINTAINED. WATER SHALL NEVER BE ALLOWED TO POND NEAR THE FOUNDATION.
- 2. THE SOIL AROUND THE FOUNDATION SHALL BE MAINTAINED IN A RELATIVELY DAMP CONDITION, SUCH AS THAT REQUIRED TO KEEP A LAWN GREEN. IF IT DRIES OUT IT WILL SHRINK. IF IT GETS WET, IT WILL HEAVE UPWARD.

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.
 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.

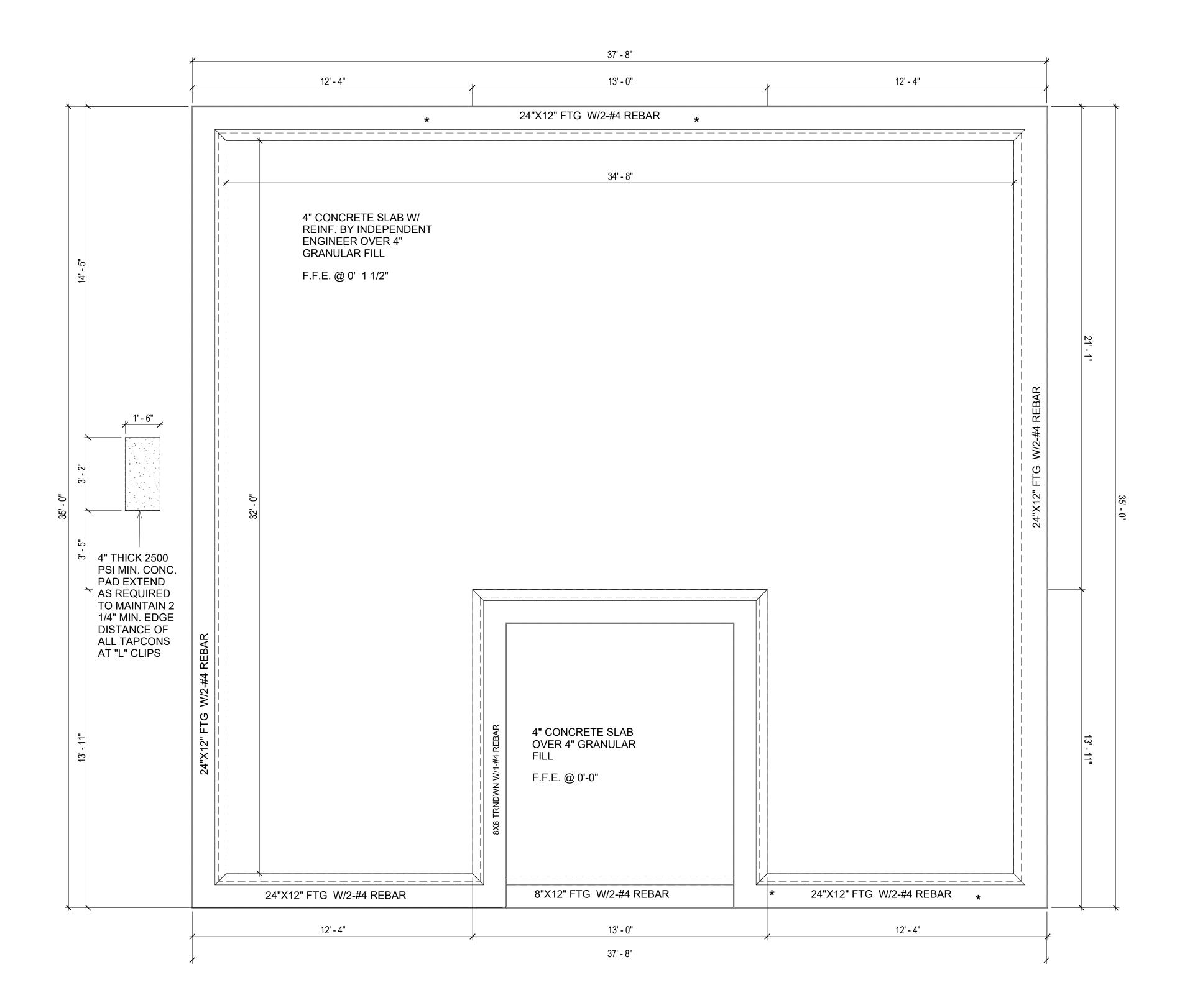
5. SIMPSONS SILL ANCHORS MAYBE SUBSTITUTED FOR ANCHOR BOLTS AT THE SAME SPACING.

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:

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

NOTE: FIELD VERIFY ALL DIMENSIONS SEE DIMENSIONED ARCHITECTURAL DRAWINGS





SQUARE FOOTAGE
LIVING 1194

TOTAL 1194



KEY PLAN

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

FOUNDATION PLAN

CLIENT NAME:

PROJECT NUMBER:

0033_15

DATE:

2/8/2025 6:00:25 PM

DESIGNED BY:

DRAWN BY:

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**:

- 1. 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.
 4. INSTALL HOLDOWNS BEFORE CONCRETE SLAB POUR.
- 5. EXISTING FILL ON-SITE SHALL BE COMPACTED IN ACCORDANCE WITH THE
- REQUIREMENTS IN THE GEOTECHNICAL REPORT.
- 6. ALL FLOOR SLABS ARE REINFORCED ON CONCRETE SLABS.

SPECIAL INSPECTION IS REQUIRED FOR THICKENED FOUNDATION CONSTRUCTION

- 1. REINFORCEMENT
- 2. 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

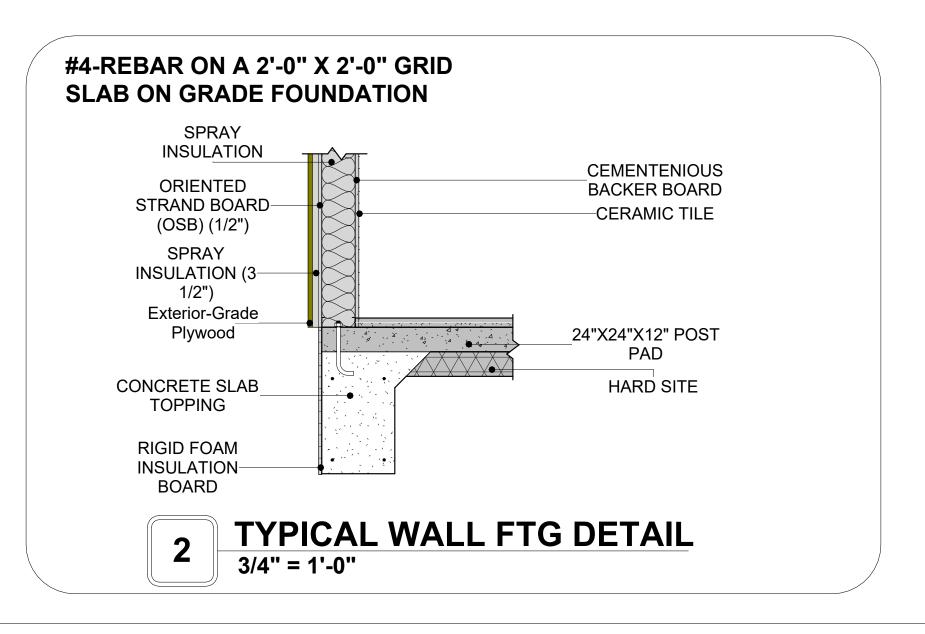
- 3. SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND
- 4. GRADE OF STEEL FOR RCC WORKS SHALL BE GRADE 4 10.
- 5. BAR NOTATIONS GIVES INFORMATION
- A) BAR SIZE

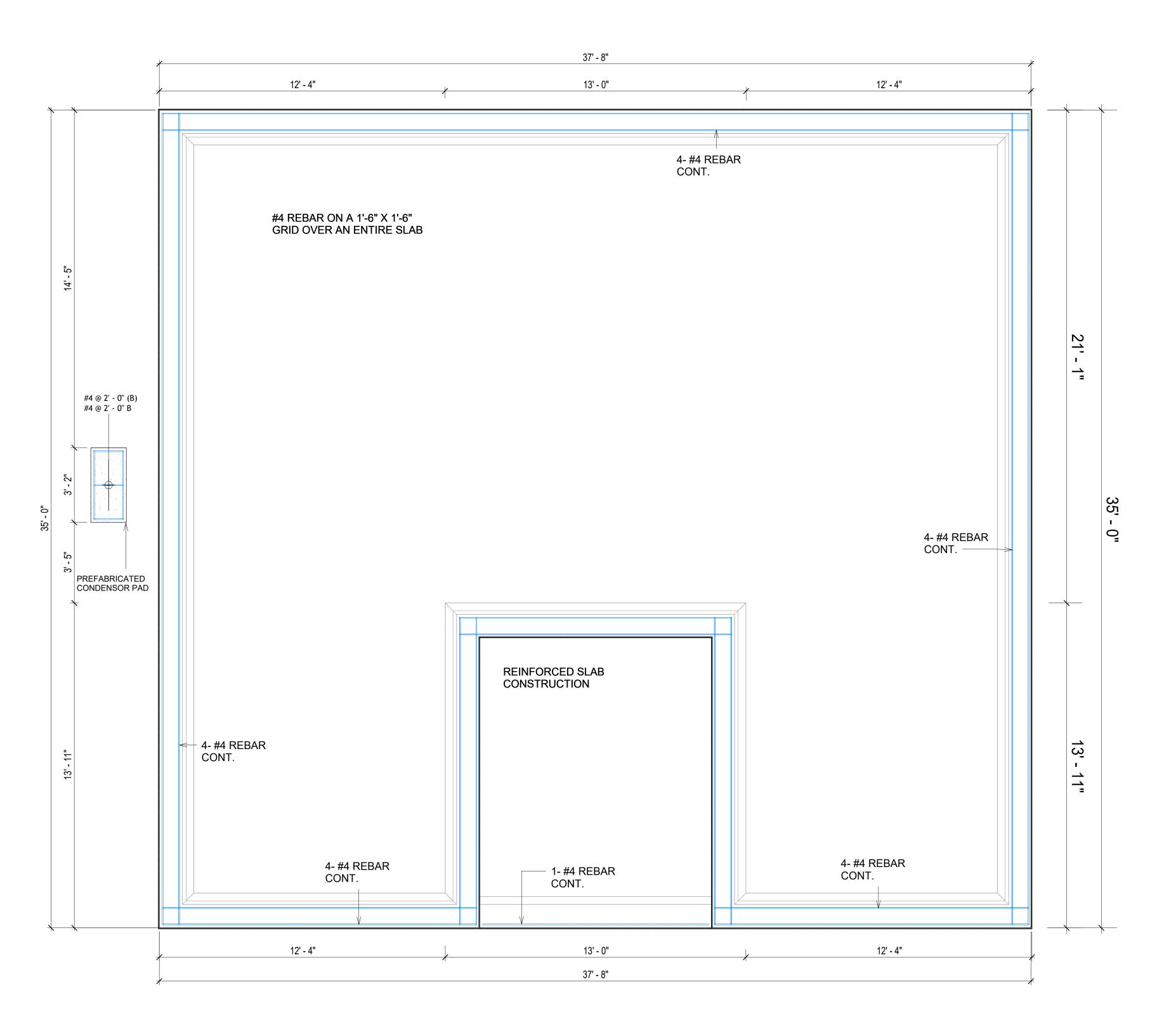
C) **CONCRETE SLAB NOTES**

- B) SPACING(IF REQUIRED)
- 6. LAP REINFORCEMENT ONLY AT LOCATION SHOWN IN THE DRAWINGS
 7. REINFORCEMENT SHALL NOT BE CUT, VENT OR HEATED ON SITE WITHOUT ENGINEERS' APPROVAL.
- ALL CLAD DEINICODOEMENT CHALL DE COMMA CLEAD MINUMUM EDOM E
- 1. ALL SLAB REINFORCEMENT SHALL BE 20MM CLEAR MINIMUM FROM BOTTOM AND FROM TOP OF SLAB.
- 2. 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.









KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

STRUCTURAL FLOOR PLAN

Client Name
0033_15
2/8/2025 6:00:26 PM
Designer
Author
Checker

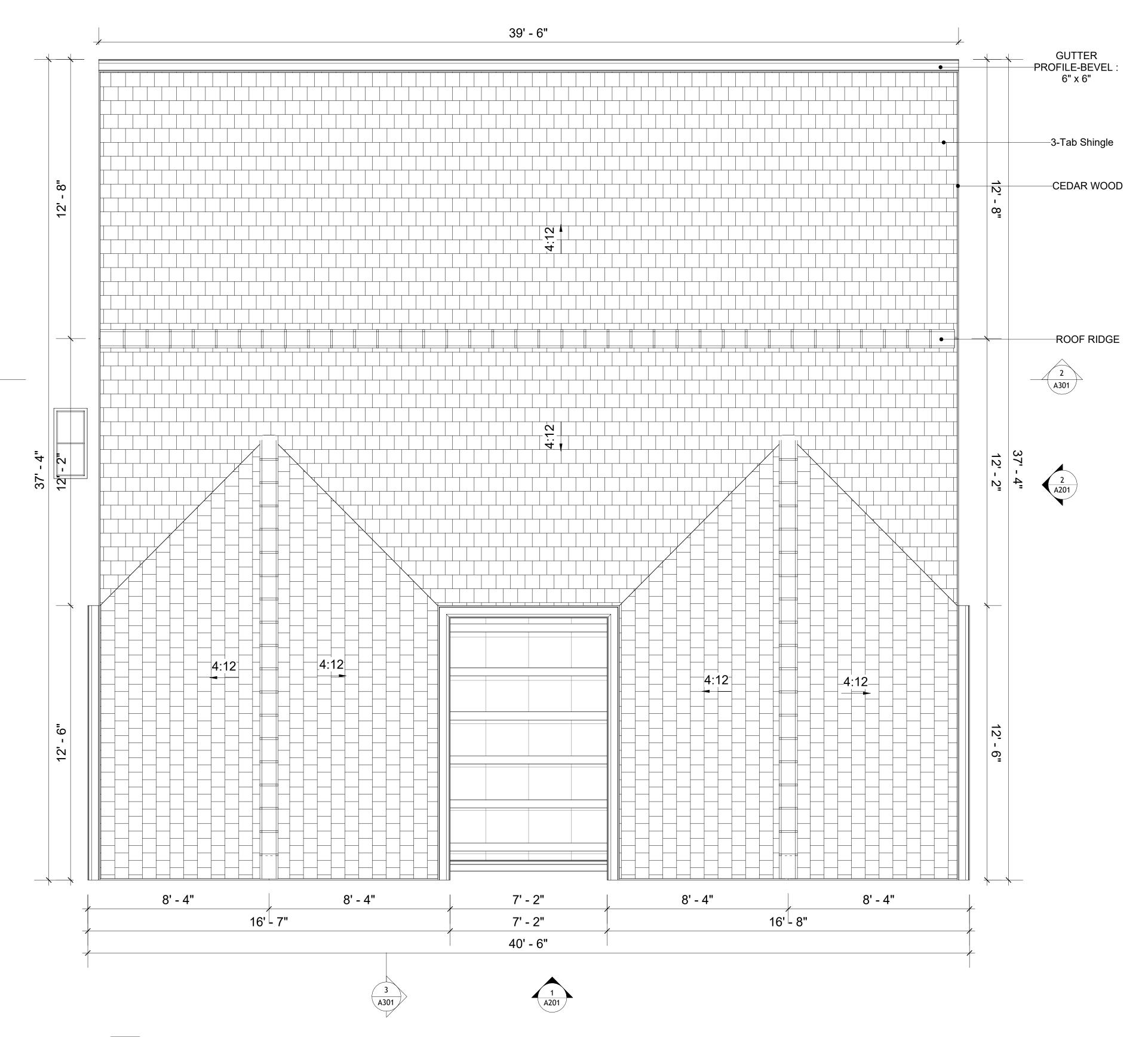
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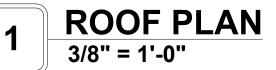
ROOF NOTES

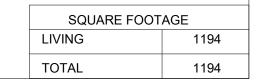
- 1. ROOFING COMPOSITION ROOFING PER OWNERS/BUILDERS SPECIFICATIONS INSTALL PER MANUFACTURE SPECIFICATIONS ON 1/2" ORIENTED STRAND BOARD ON PRE-ENGINEERED TRUSS @ 24" O.C. (UNO.)
- 2. 73" OVERHANG AT EAVES (UNO.)
- 3. ENDS OF ALL TRUSSES AND JOISTS TO BE FULLY BLOCKED. PROVIDE SOLID BLOCKING AT ALL RIDGES 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.

2 A301











KEY PLAN

NO.	DESCRIPTION	DATE	

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

ROOF PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/8/2025 6:00:30 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

ABOUT WALL FINISHING

PLYWOOD WALL SIDING

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

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

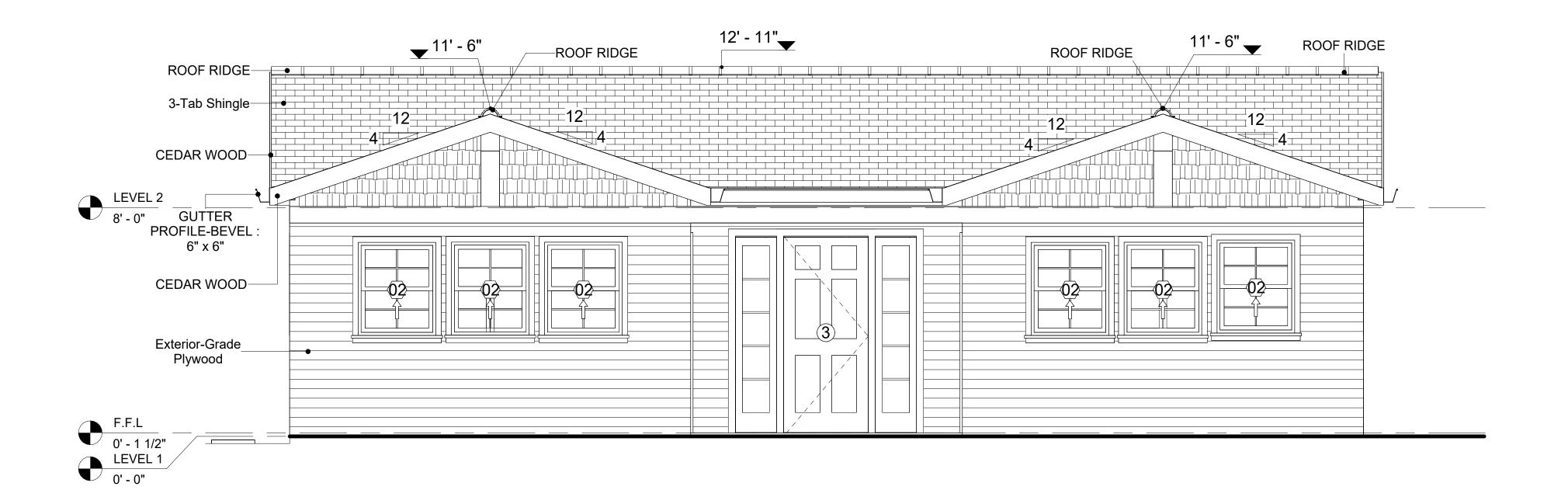
STANDARD SIZES OF 1' X 8' EXTERIOR-GRADE PLYWOOD PANELS ARE INSTALLED ON THE FURRING STRIPS USING GALVANIZED STEEL SELF-DRILLING SCREWS.

CEDAR WOOD

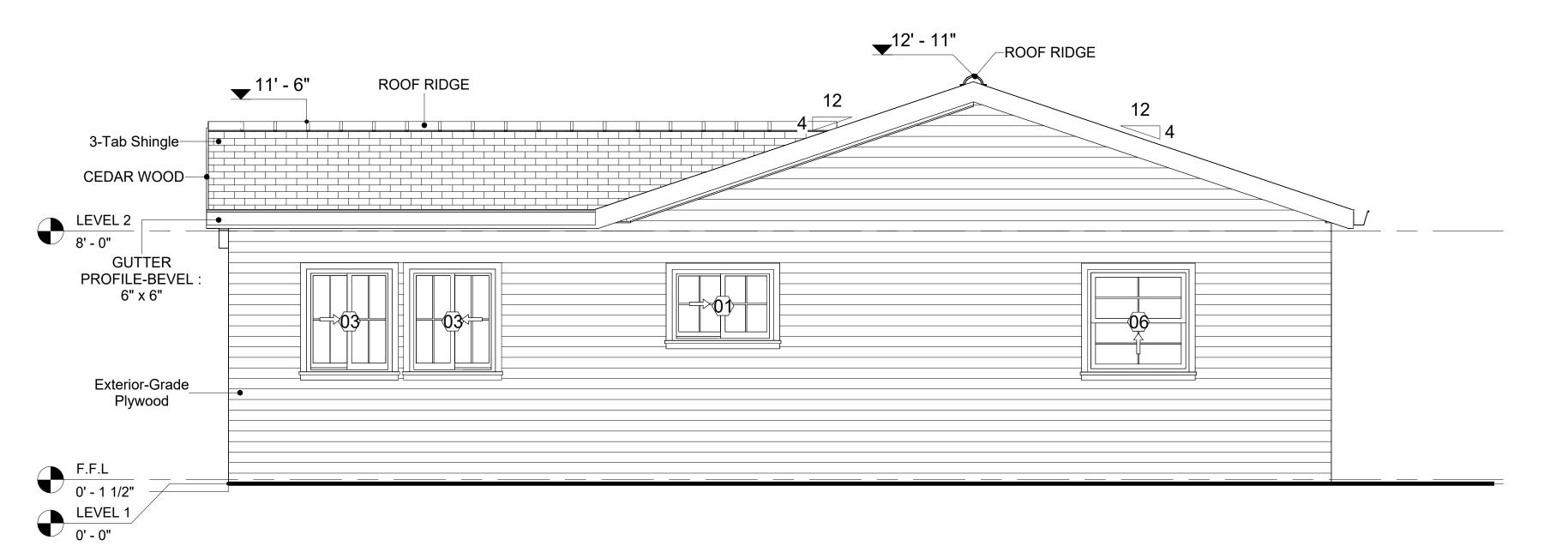
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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.







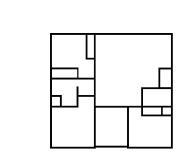
2 RIGHT SIDE ELEVATION 3/8" = 1'-0"

DOOR SCHEDULE						
TYPE MAR				SIZE		
K	SUPPLIER	DOOR TYPE	LOCATION	WIDTH	HEIGHT	COUNT
1	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	3' - 0"	6' - 8"	2
2	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 6"	6' - 8"	4
3	HOME DEPOT	FRONT_DOOR_W_HEADER_AND_SIDELIGH TS 8215	INTERIOR	3' - 0"	7' - 0"	1
4	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 0"	6' - 8"	1
5	HOME DEPOT	DOOR-BIFOLD_9052	INTERIOR	4' - 8"	6' - 8"	1
6	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	6' - 0"	6' - 8"	1
7	HOME DEPOT	DOOR-INTERIOR-SINGLE-POCKET-2_PANE L-WOOD	INTERIOR	2' - 4"	6' - 8"	1
8	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	5' - 2"	6' - 8"	1
9	HOME DEPOT	PATIO_DOUBLE PANEL_SLIDING	INTERIOR	5' - 0"	6' - 8"	2

WINDOW SCHEDULE					
	SIZE				
TYPE MARK	SUPPLIER	WINDOW TYPE	WIDTH	HEIGHT	COUNT
01	HOME DEPOT	SLIDING	3' - 3"	2' - 3"	2
02	HOME DEPOT	SINGLE HUNG	2' - 9"	3' - 3"	6
03	HOME DEPOT	SLIDING	2' - 9"	3' - 3"	8
04	HOME DEPOT	CASEMENT	2' - 3"	3' - 3"	2
05	HOME DEPOT	SLIDING	6' - 3"	3' - 3"	1
06	HOME DEPOT	SINGLE HUNG	3' - 3"	3' - 3"	1



KEY PLAN



NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/8/2025 6:00:35 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A201

ABOUT WALL FINISHING

PLYWOOD WALL SIDING

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

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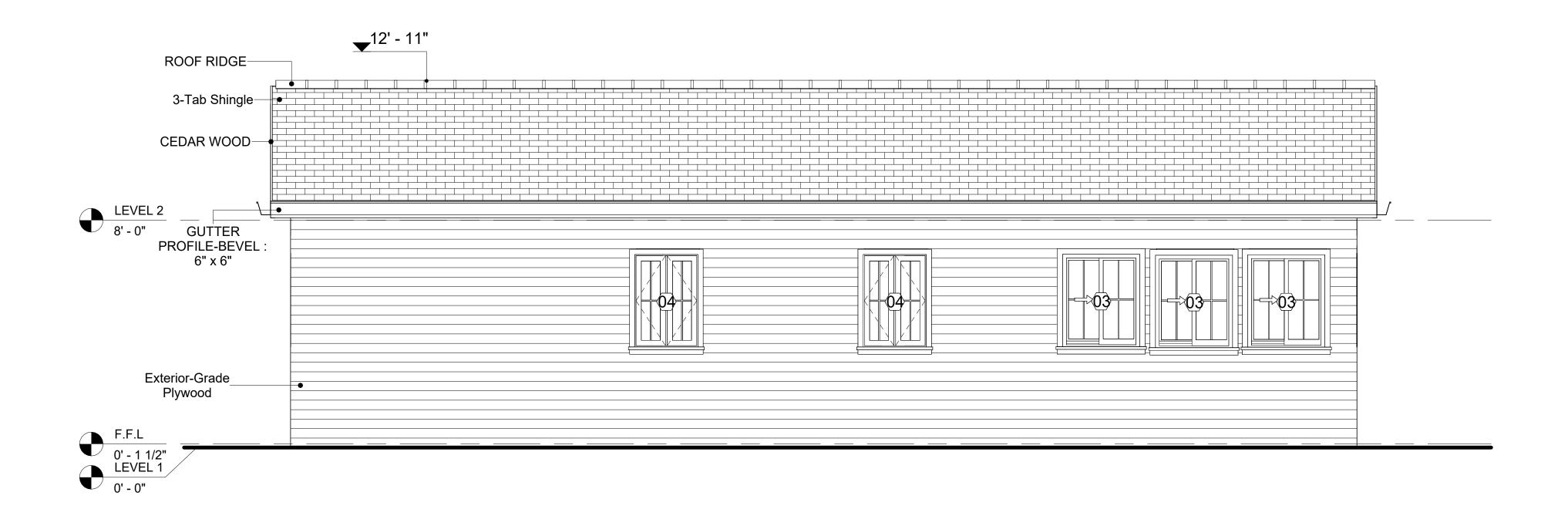
STANDARD SIZES OF 1' X 8' EXTERIOR-GRADE PLYWOOD PANELS ARE INSTALLED ON THE FURRING STRIPS USING GALVANIZED STEEL SELF-DRILLING SCREWS.

CEDAR WOOD

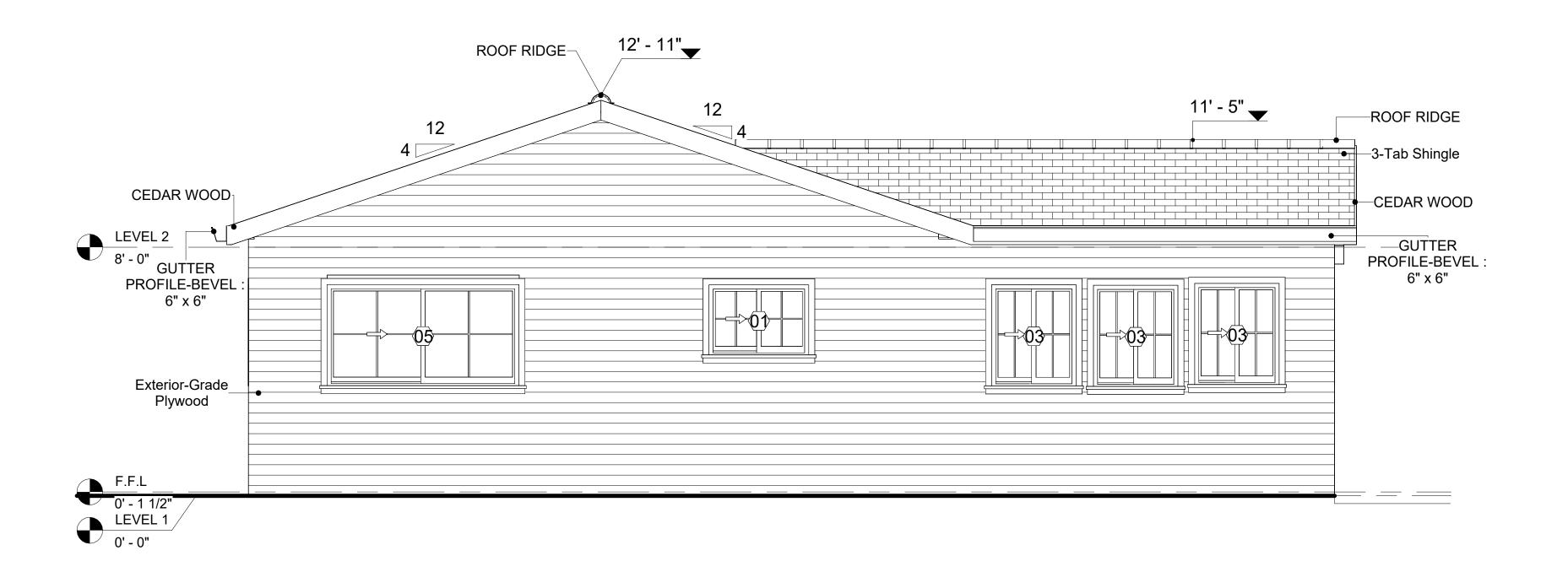
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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.



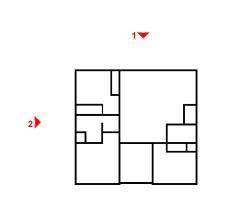
1 REAR ELEVATION 3/8" = 1'-0"



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



KEY PLAN



NO.	. DESCRIPTION	

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

CLIENT NAME:

PROJECT NUMBER:

0033_15

DATE:

2/8/2025 6:00:39 PM

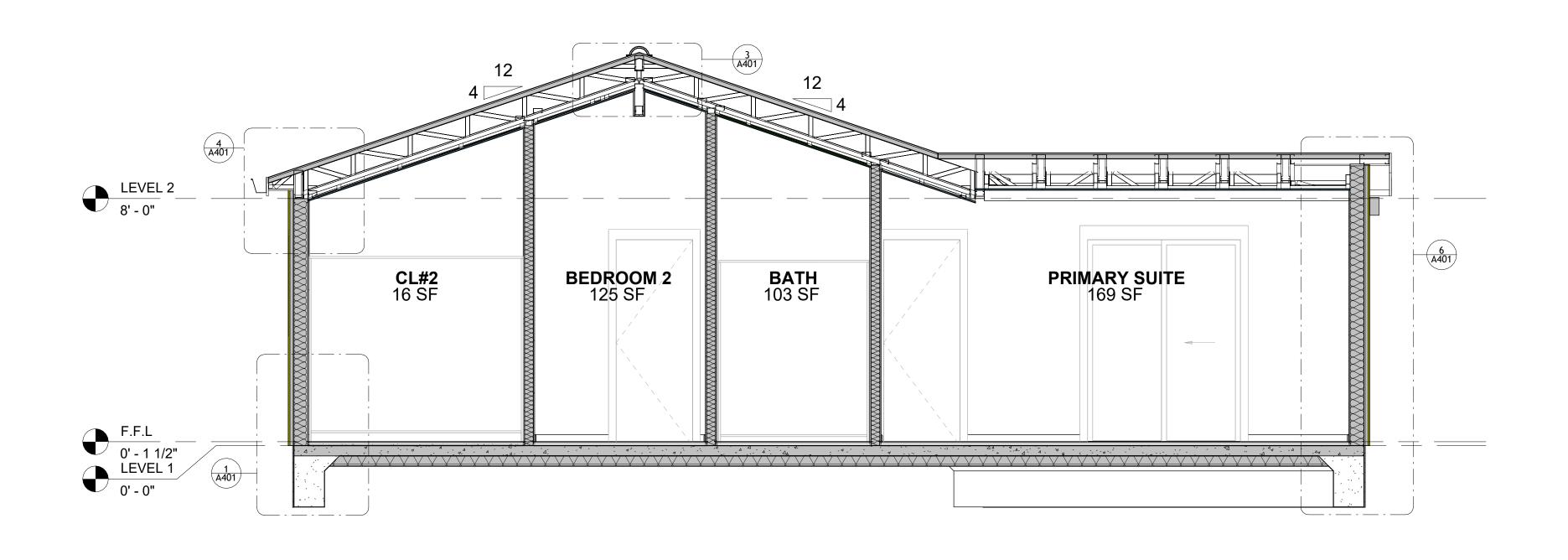
DESIGNED BY:

DRAWN BY:

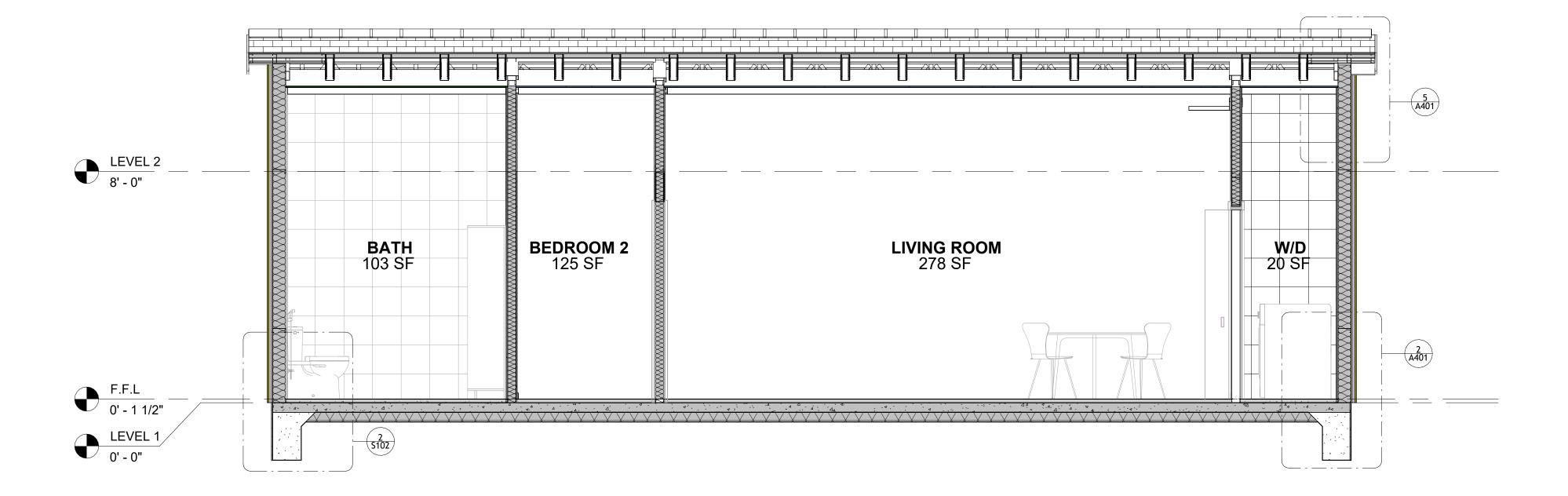
CHECKED BY:

Checker

A202



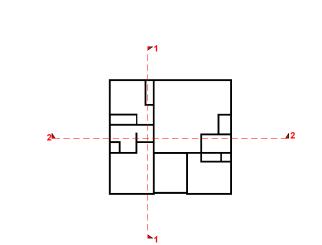




2 SECTION-2 3/8" = 1'-0"



KEY PLAN



NO.	DESCRIPTION	DATE

NOT

LEGEND:

PROJECT

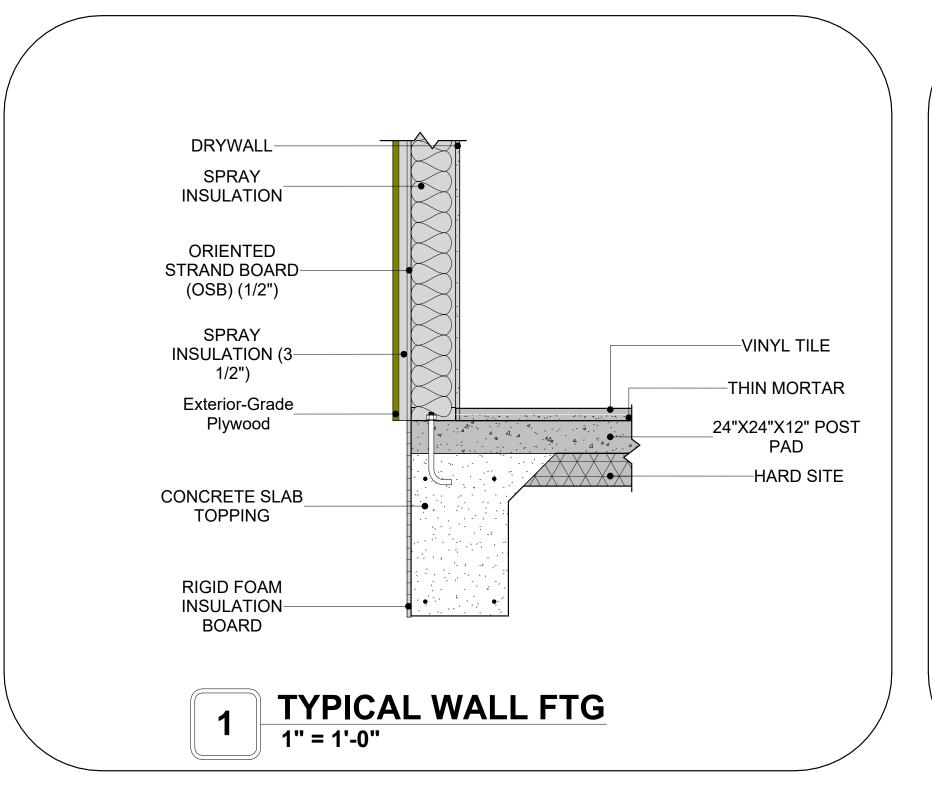
15 Wisdom 1194 3Bd/2Ba Craftsman 550

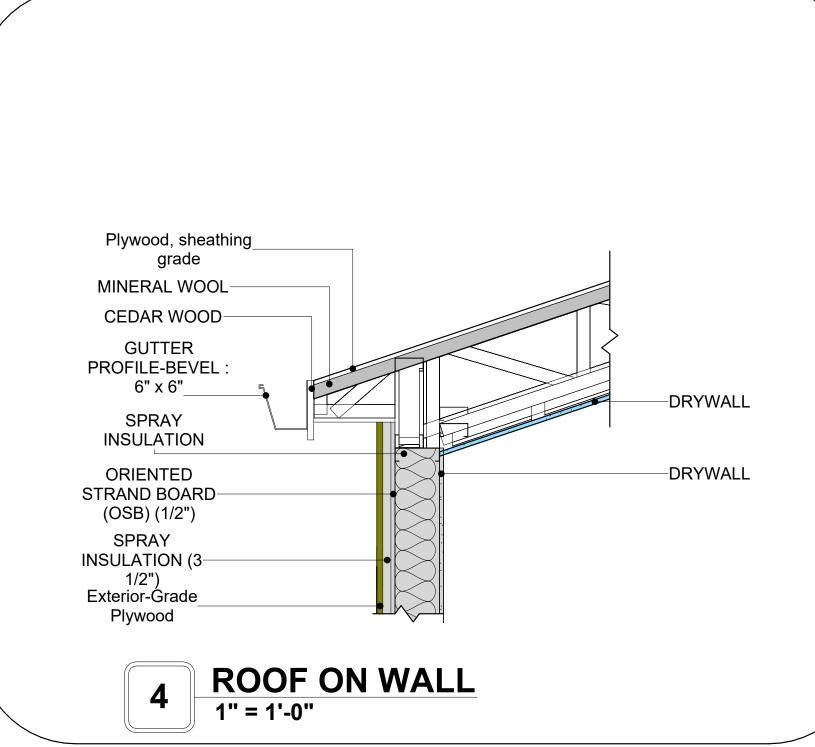
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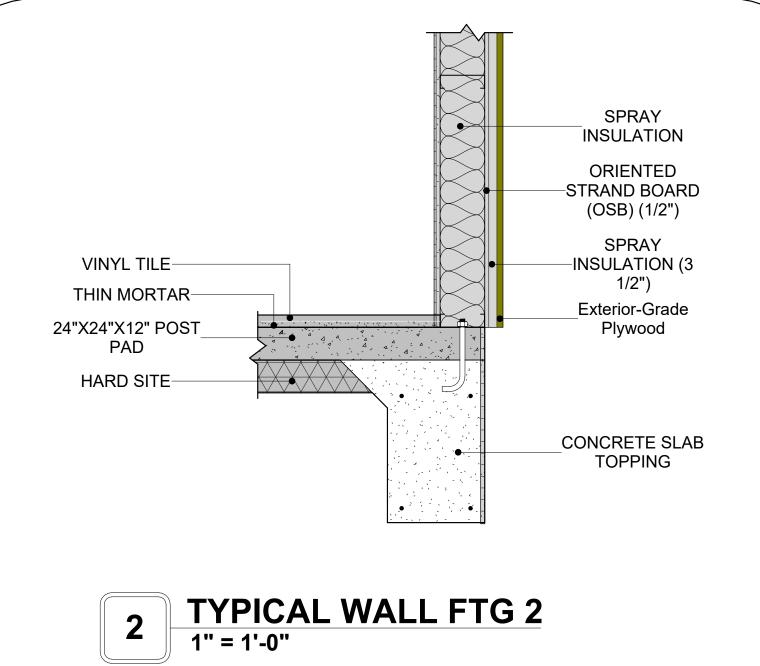
ARCHITECTURAL SECTIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/8/2025 6:00:41 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A301

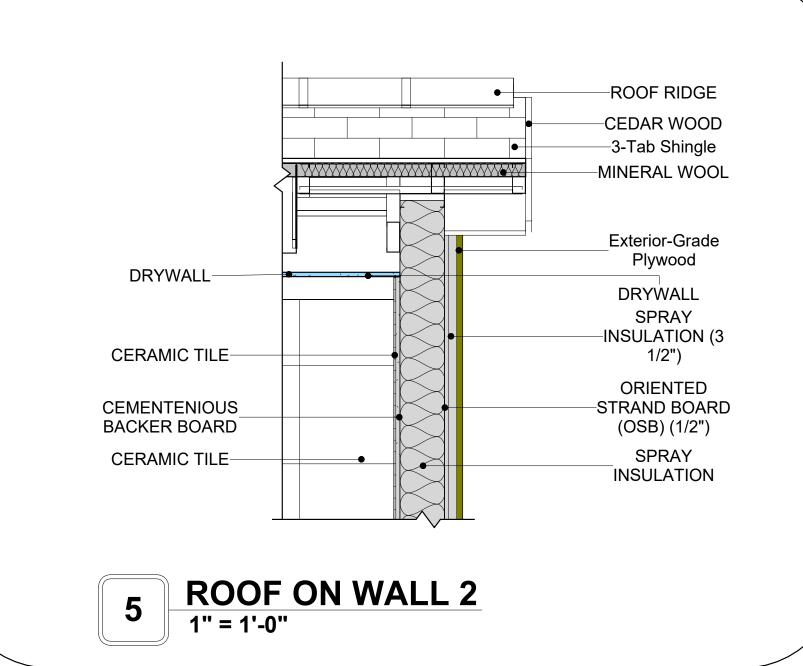


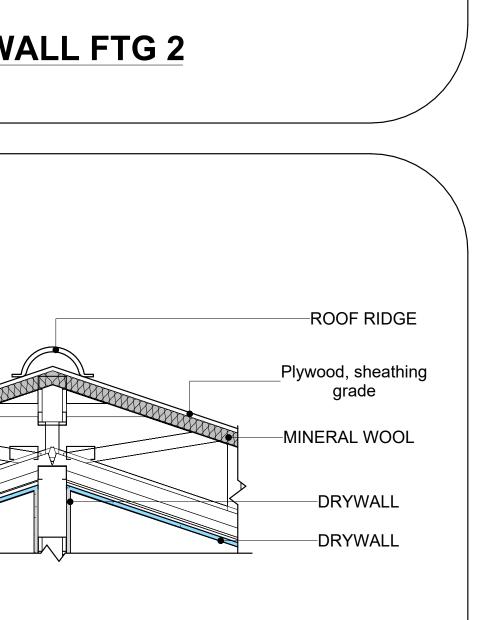


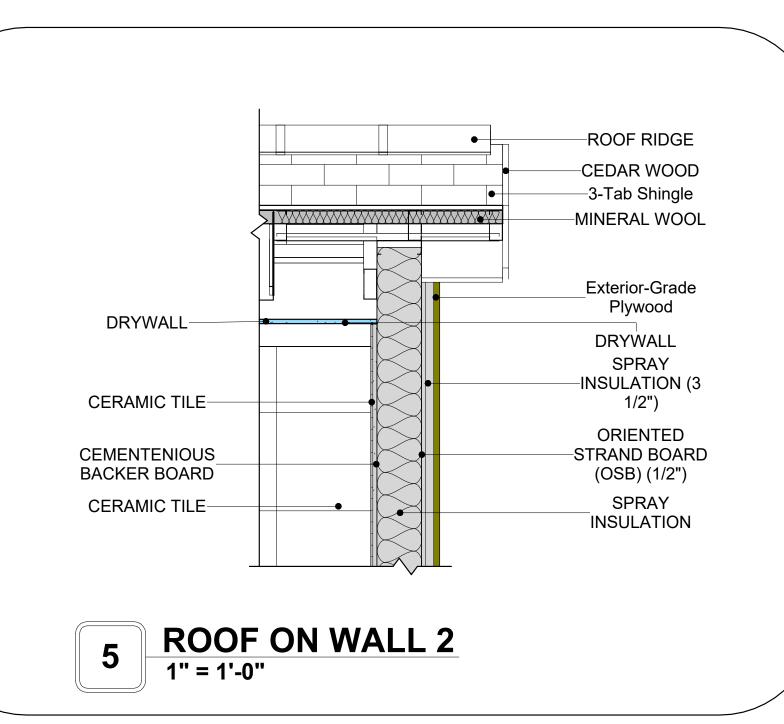


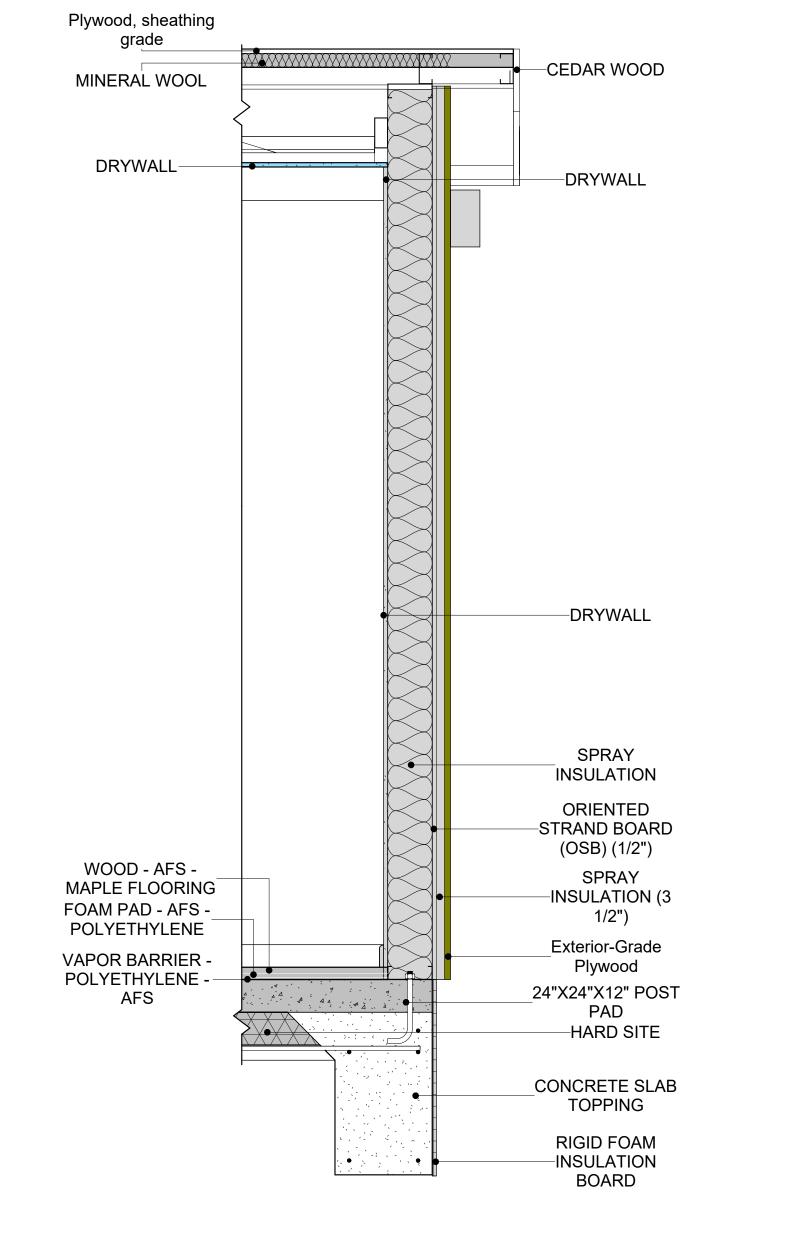
ROOF/TRUSS CONN.

1" = 1'-0"









BUILDING SECTION 6



KEY PLAN

TE	DA	DESCRIPTION	NO.

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

ARCHITECTURAL DETAILS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/8/2025 6:00:42 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A401

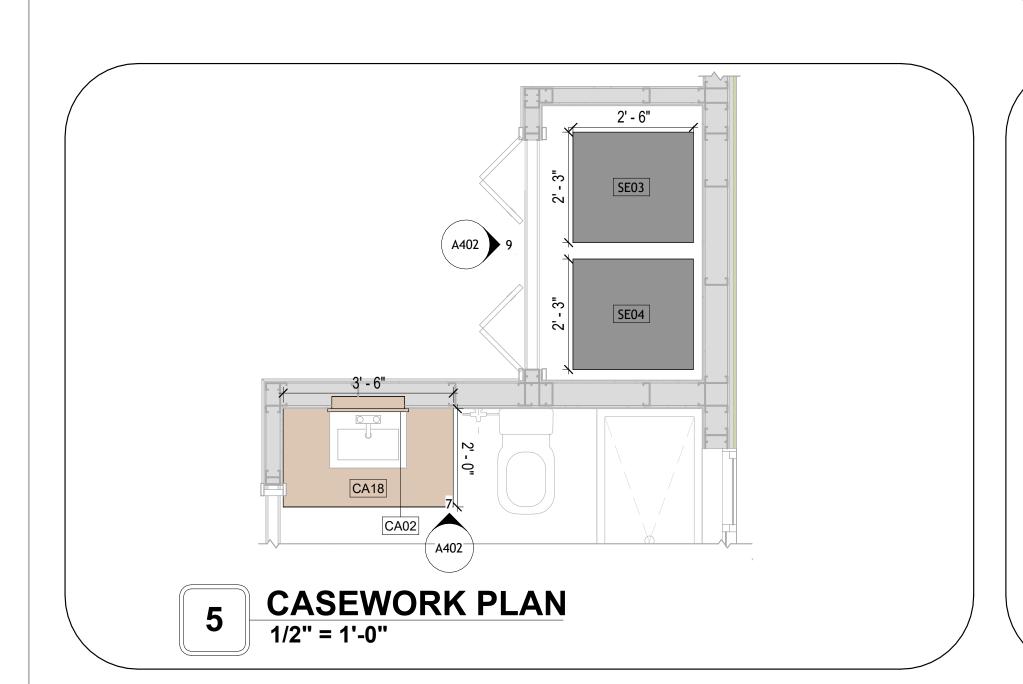
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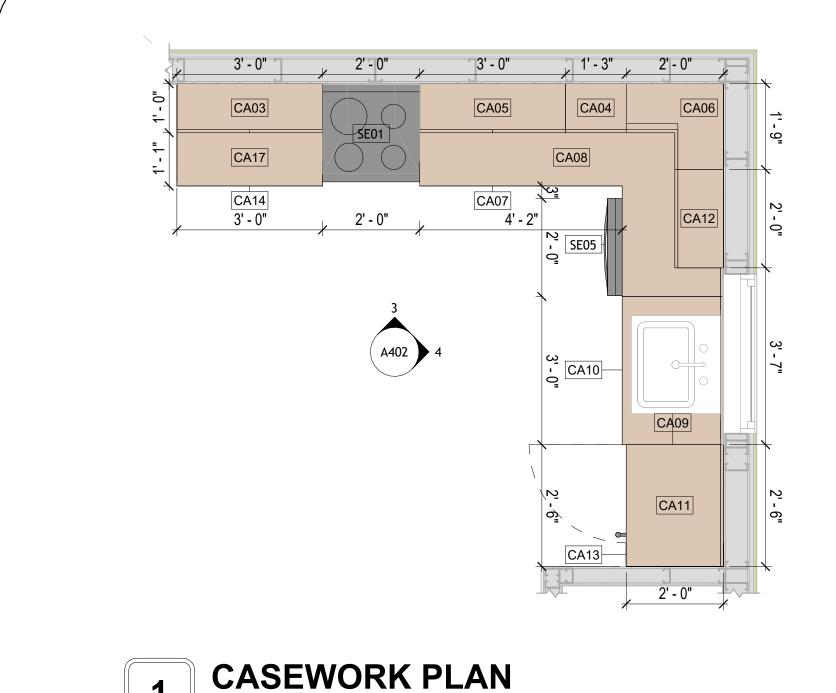
CASEWORK GENERAL NOTES

- ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
- PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND OTHERWISE NOTED.
- MANUFACTURER AND CATALOG NUMBERS ARE FOR REFERENCE AND ILLUSTRATION PURPOSES
- 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.
- ALL CABINETS AND DRAWERS TO HAVE CAM LOCKS EXCEPT FOR SINK BASE CABINETS.
 ALL EXPOSED SURFACES (EXPOSED TO VIEW FROM ANY PERSPECTIVE) TO BE COVERED WITH
- LAMINATE.
- ALL CASEWORK WHICH MEETS A WALL AT ONE OR BOTH ENDS, TO BE PROVIDED WITH FILLER PANELS AND SCRIBED TO THE WALL(S) AS REQUIRED.
- 10. ALL CABINETS AND DRAWERS ARE PROVIDED WITH RECESSED HANDLES. 11. CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK FABRICATION.
- 12. CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT.

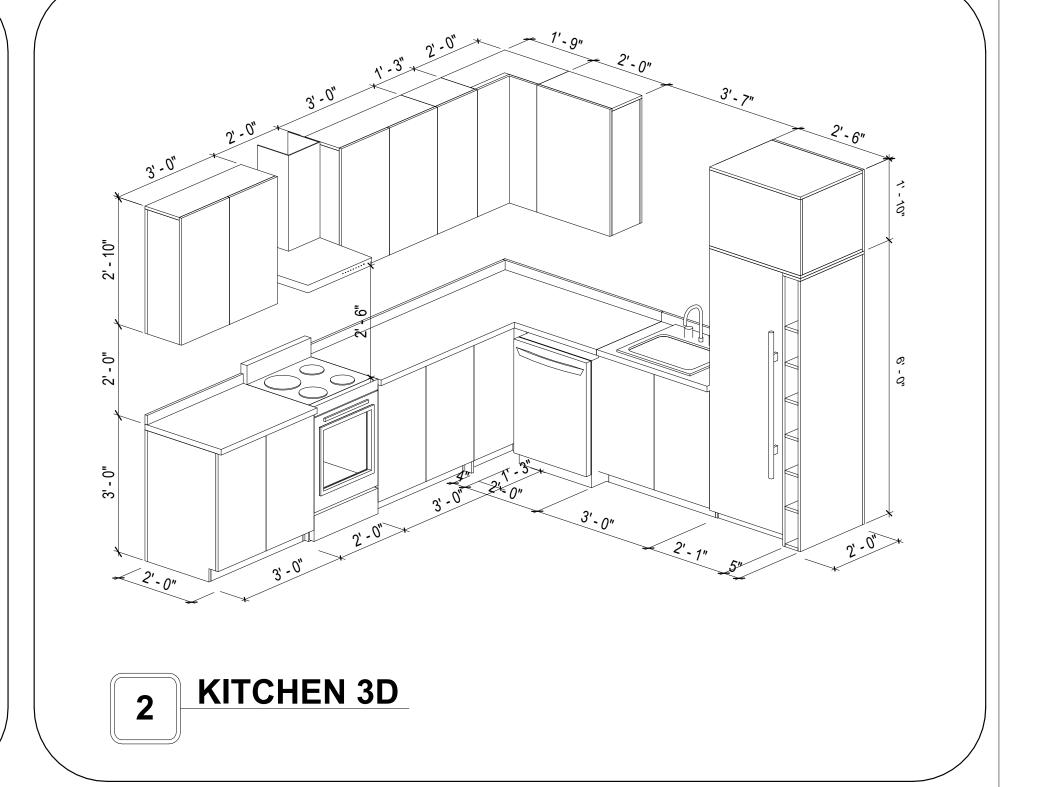
	CAS	EWOR	K SCHEDL	JLE		
TYPE MAR K	TYPE	COUN	HEIGHT	WIDTH	DEPTH	AREA
01	DOUBLE SINK VANITY 2	1	3' - 0"	5' - 11"	2' - 0"	18 SF
02	RECESSED MED CABINET 2	3	2' - 0"	1' - 6"	0' - 3"	3 SF
03	WALL CABINET DOUBLE DOOR 2'6	1	2' - 9 1/2"	3' - 0"	1' - 0"	8 SF
04	WALL_CABINET_SINGLE_DOOR 2	1	2' - 9 1/2"	1' - 3"	1' - 0"	3 SF
05	WALL CABINET DOUBLE DOOR 5	1	2' - 9 1/2"	3' - 0"	1' - 0"	8 SF
06	WALL_CABINET_L-SHAPE 4	1	2' - 9 1/2"	1' - 9"	2' - 0"	5 SF
07	BASE_CABINET_DOUBLE_DOOR 3	1	2' - 10 1/2"	3' - 0"	2' - 0"	9 SF
08	HD_L-SHAPE_COUNTER_TOP	1	0' - 4"	4' - 4"	6' - 3"	1 SF
09	HD_LINEAR_COUNTER_TOP	1	0' - 4"	7' - 6 1/2"	2' - 1"	3 SF
10	BASE_CABINET_DOUBLE_DOOR 5	1	2' - 10 1/2"	3' - 0 15/32"	2' - 0"	9 SF
11	HD_LAUNDRY_OPEN_CABINET 2'0 2	1	1' - 9 1/2"	2' - 5 25/32"	2' - 0"	4 SF
12	WALL_CABINET_SINGLE_DOOR	1	2' - 9 1/2"	2' - 0"	1' - 0"	6 SF
13	HD_WALL_FILLER_4' HIGH 2	1	6' - 0"	0' - 5 25/32"	2' - 0"	3 SF
14	BASE_CABINET_DOUBLE_DOOR 4	1	2' - 10 1/2"	3' - 0"	2' - 0"	9 SF
15	BASE_CABINET_L-SHAPED 3	1	2' - 10 1/2"	2' - 4"	3' - 3"	7 SF
16	LINEN 6'	1	6' - 0"	5' - 9"	1' - 4"	35 SF
17	HD_LINEAR_COUNTER_TOP 2	1	0' - 4"	3' - 0"	2' - 1"	1 SF
18	VANITY_CABINET_3	1	2' - 4"	3' - 6"	2' - 0"	8 SF
19	CLOSET_L_SHAPE 4	1	6' - 0"	4' - 11"	4' - 11"	30 SF
20	LINEN 7'	1	6' - 0"	7' - 0"	1' - 4"	42 SF
21	LINEN	1	6' - 0"	2' - 6 1/2"	1' - 4"	15 SF
GRAND	TOTAL	23				

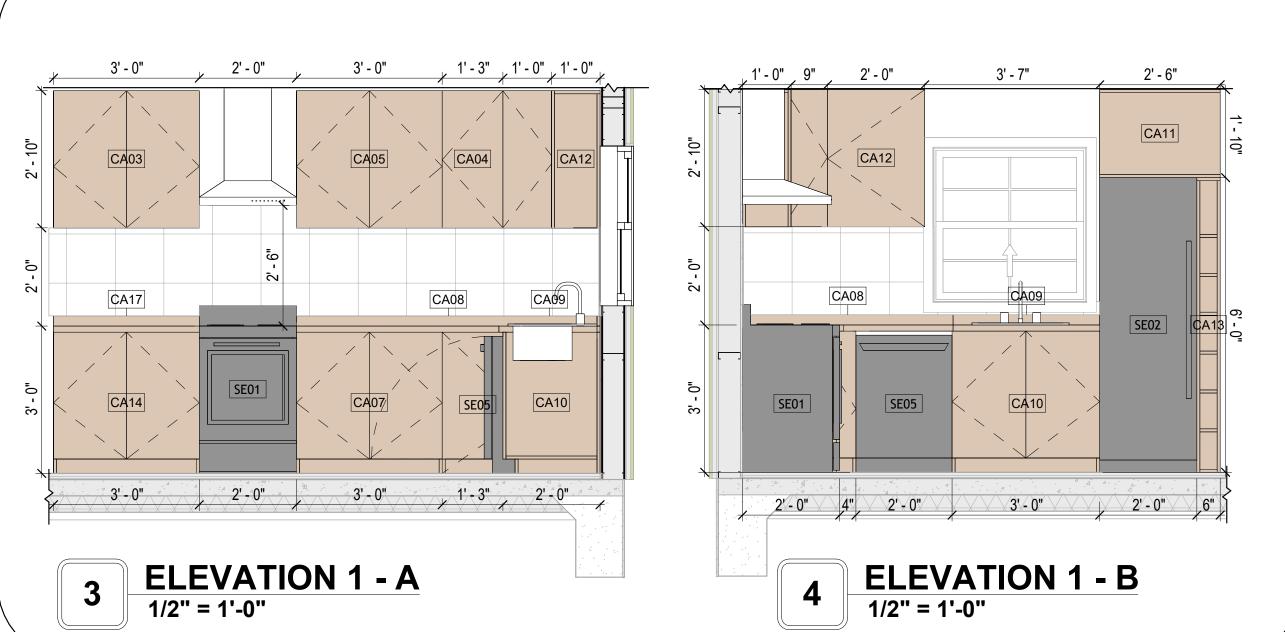
SPECIALTY EQUIPMENT SCHEDULE			
TYPE MARK	TYPE	COUNT	
	·		
01	RANGE	1	
02	REFRIGERATOR	1	
03	STACKABLE-WASHER-FRONT-LOAD	1	
04	DRYER-FRONT-LOAD	1	
05	DISHWASHER	1	
GRAND TOTAL: 5		•	

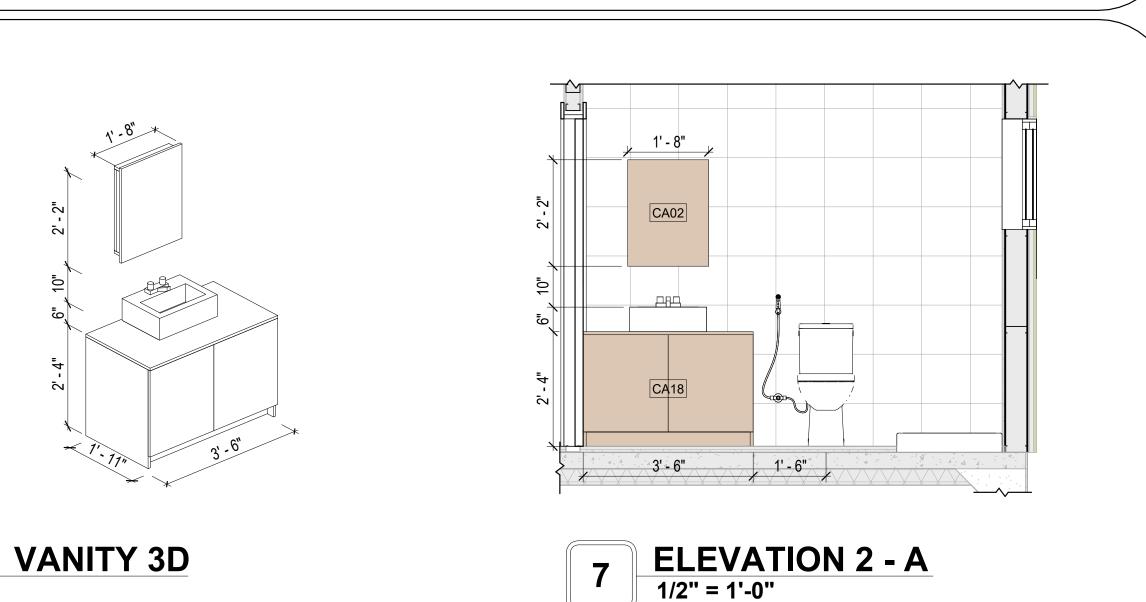


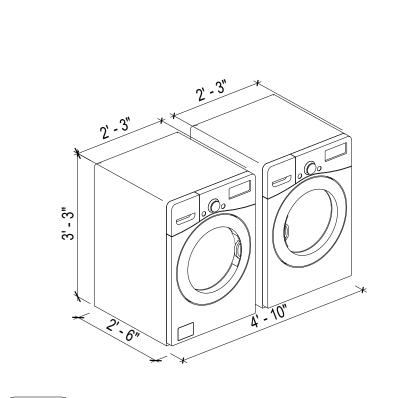


1/2" = 1'-0"

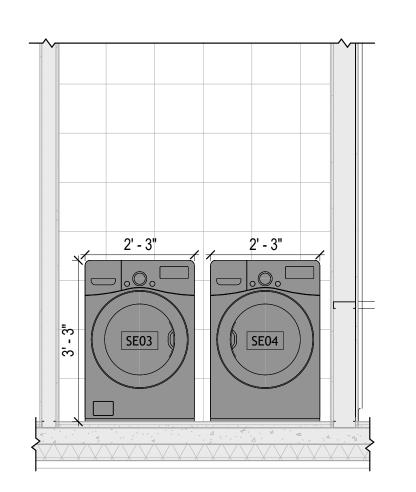








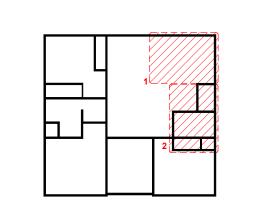
LAUNDRY 3D



ELEVATION 2 - B 1/2" = 1'-0"

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

KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

ARCHITECTURAL CASEWORK

Client Name CLIENT NAME: 0033_15 PROJECT NUMBER: 2/8/2025 6:00:44 PM DATE: Designer DESIGNED BY: **Author** DRAWN BY: CHECKED BY: Checker

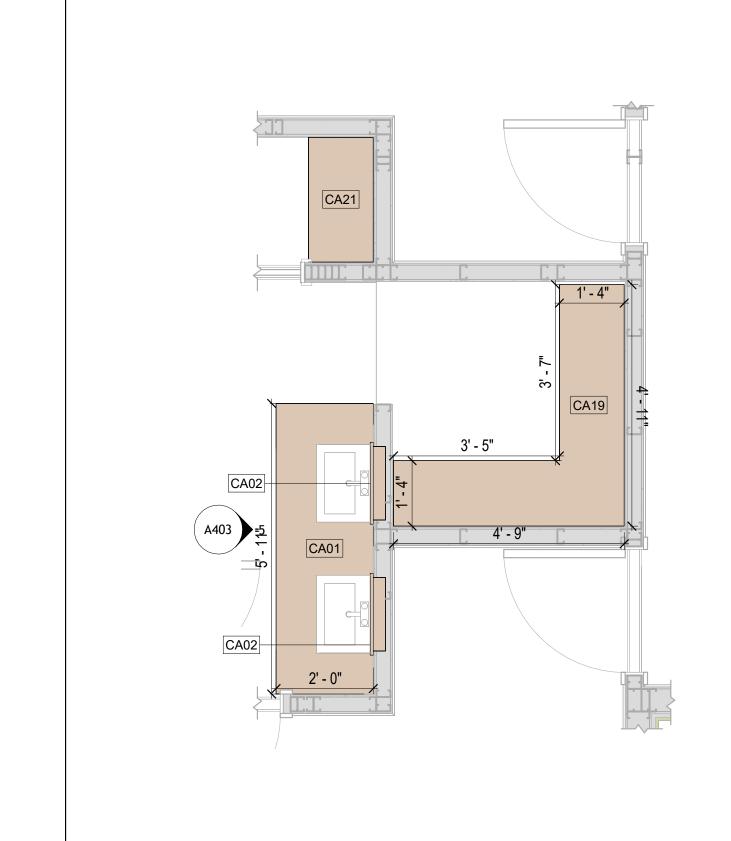
A402

CASEWORK GENERAL NOTES

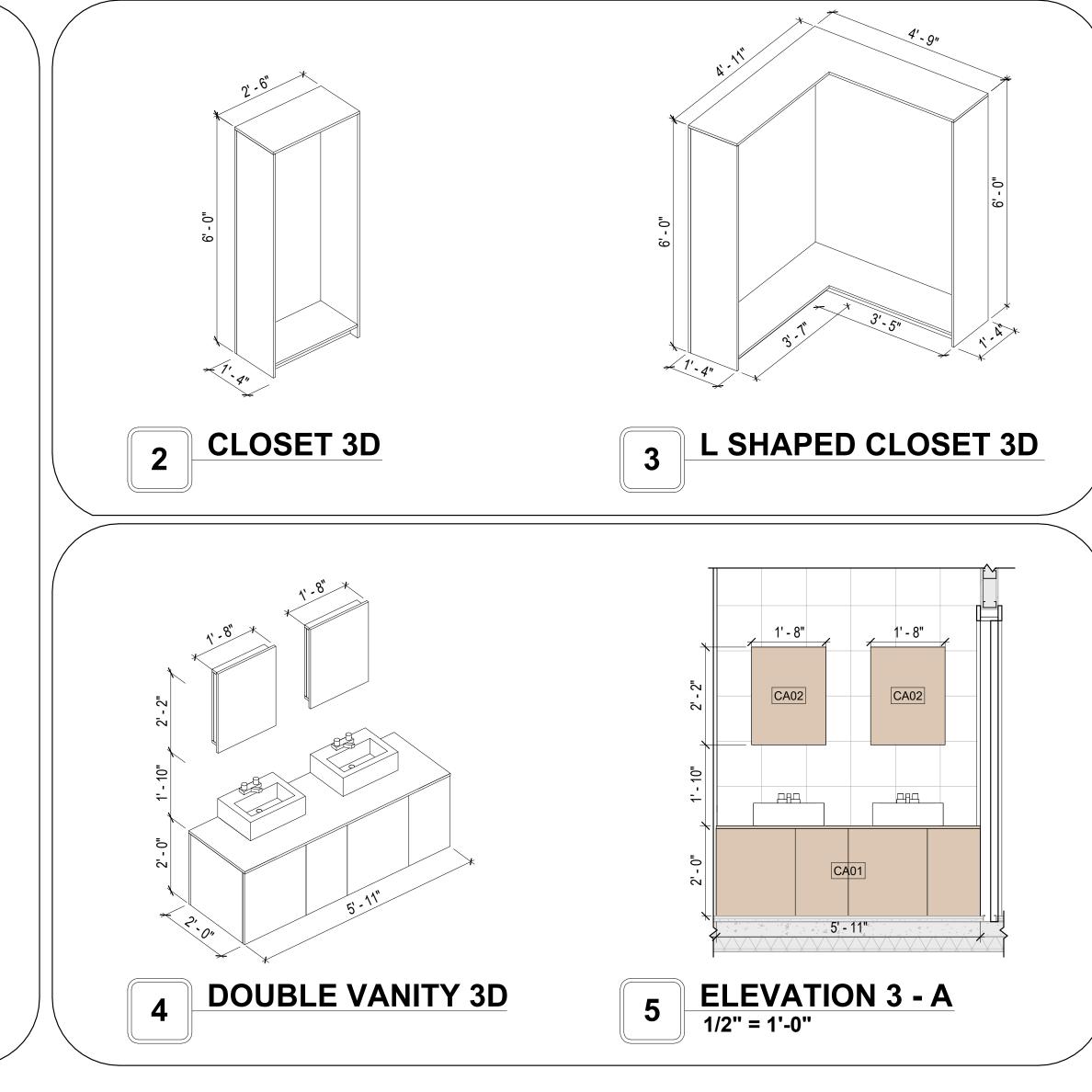
- ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH.
 DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE
- COUNTERTOP.
- PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND
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- DOTTED LINES INDICATE WALL HUNG CABINETS, DIVISIONS OF BASE CABINETS BELOW THE
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- PANELS AND SCRIBED TO THE WALL(S) AS REQUIRED.

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

 11. CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK
- 12. CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT.

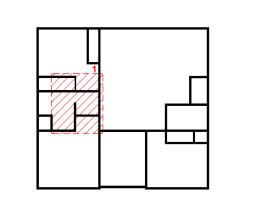


CASEWORK PLAN
1/2" = 1'-0"





KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15 Wisdom 1194 3Bd/2Ba Craftsman 550

DRAWING NAME

ARCHITECTURAL CASEWORK

Client Name CLIENT NAME: 0033_15 PROJECT NUMBER: DATE: 2/8/2025 6:00:45 PM Designer DESIGNED BY: DRAWN BY: **Author** CHECKED BY: Checker

A403

SCALE: As indicated

GENERAL NOTES

T1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE WISDOM_TM_C_550_NG. IT PROVIDES AVISUAL 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 BEMODIFY 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

15. THE HVAC SYSTEM SHALL BE BALANCED AND ADJUSTED TO ENSURE PROPER AIRFLOW, TEMPERATURE DISTRIBUTION, AND SYSTEM PERFORMANC

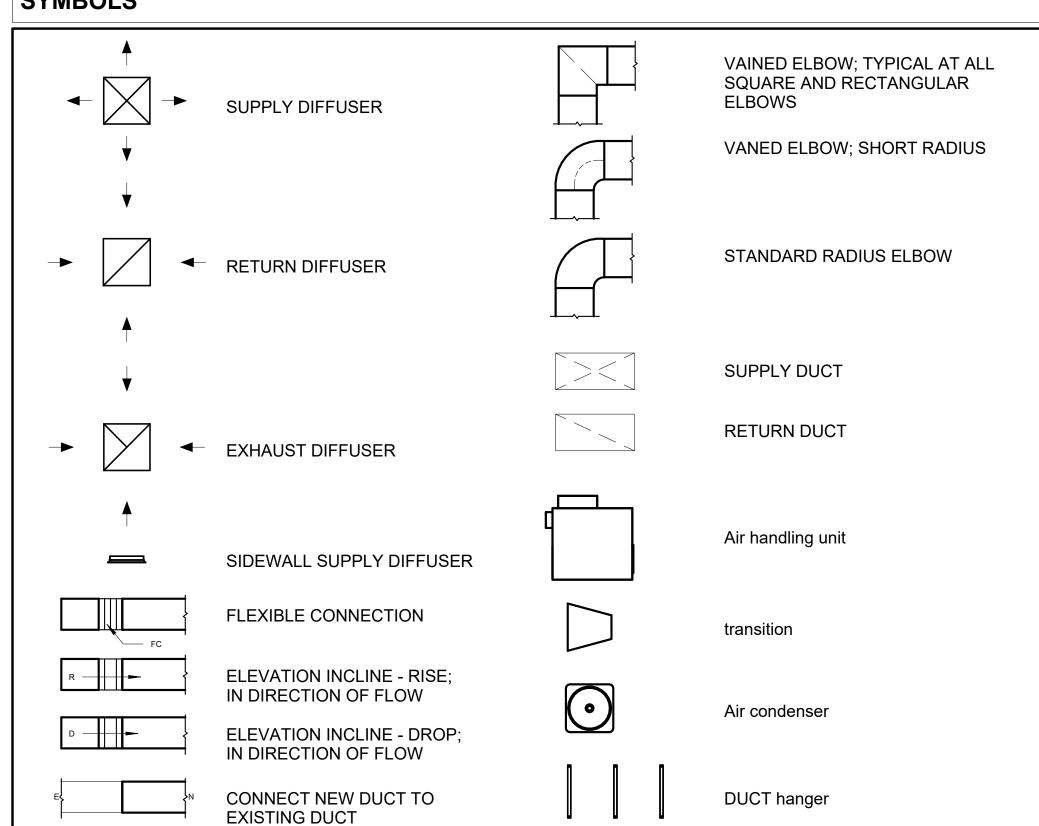
16. ANY DEVIATIONS OR MODIFICATIONS TO THE HVAC SYSTEM DESIGN SHALL BE REVIEWED AND APPROVED BY THE RESPONSIBLE DESIGN PROFESSIONALS AND COMMUNICATED TO ALL RELEVANT PARTIES INVOLVED IN THE CONSTRUCTION PROCESS.

THROUGHOUT THE RESIDENCE. PROVIDE A WRITTEN REPORT DOCUMENTING THE FINAL SYSTEM BALANCE.

FOR EASY SERVICING AND MAINTENANCE. PROVIDE ADEQUATE SPACE AROUND EQUIPMENT FOR PROPER AIRFLOW AND SERVICE ACCESS.

17. FOR ANY INQUIRIES OR CLARIFICATIONS REGARDING THE HVAC SYSTEM DESIGN, PLEASE CONSULT THE RESPONSIBLE DESIGN PROFESSIONALS OR THE PROJECT MANAGEMENT TEAM.

SYMBOLS





air conditioning pipe line

REFRIGERANT LINE SCHEDULE			
CATAGORY	DESCRIPTION	DIAMETER	LENGTH
Pipe Types	Copper	3/8"	108.19
Pipe Types	<by category=""></by>	1/2"	0.13
Pipe Types	Copper	3/4"	149.63

CATAGORY	DESCRIPTION	Size	Count
Elbow - Generic	Elbow - Generic: Standard/HVAC	1/2"ø-1/2"ø	1
Elbow - Generic	Elbow - Generic: Standard/HVAC	3/4"ø-3/4"ø	43
Elbow - Generic	Elbow - Generic: Standard/HVAC	3/8"ø-3/8"ø	30
Tee - Generic	Tee - Generic: Standard	3/4"ø-3/4"ø-3/ 4"ø	3
Tee - Generic	Tee - Generic: Standard	3/8"ø-3/8"ø-3/ 8"ø	3
Transition - Generic	Transition - Generic: Standard	3/4"ø-1/2"ø	6
Transition - Generic	Transition - Generic: Standard	3/4"ø-5/8"ø	4
Transition - Generic	Transition - Generic: Standard	3/8"ø-1/4"ø	1

6' - 3 1/2"

HOOD WALL

4' - 3 1/2"

3' - 2 1/2" 2' - 10 1/2"

AIR HANDLING UNIT

Ø3/4"Ø3/8"

AIR HANDLING UNIT

CONDENSER

EXHAUST FAN

AIR HANDLING UNIT

8' - 3 1/2"

Ø3/4"Ø3/8"

HVAC PLAN

1/4" = 1'-0"

7' - 3 1/2"

MECHANICAL EQUIPMENT SCHEDULE		
CATAGORY	DESCRIPTION	COUNT
AIR HANDLING UNIT	AIR HANDLING UNIT: WALL MOUNTED	4
CONDENSER	CONDENSER: OUT DOOR	1
Exhaust Fan	EXHAUST FAN: 75 CFM	2
	HOOD WALL: VENT	1

DU	CT FITTING SCHEDULE	
CATAGORY	DESCRIPTION	COUNT
Round Transition - Angle	45 Degree	9

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

FLEX DUCT SCHEDULE							
DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT			
Flex Duct Round	FLEX-ROUND	14.45	4"	4			
Grand total: 4		14.45					





KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15-Wisdom-1194-3Bd-2Ba Craftsman-550

DRAWING NAME

HVAC PLAN

CLIENT NAME:	Owner
PROJECT NUMBER:	15_0001
DATE:	2/9/2025 2:19:32 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

M101

SCALE: As indicated

ELECTRICAL NOTES

- 1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE LUMEN_NG_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 FOLIPMENT
- PLATE RATINGS OF SELECTED EQUIPMENT.

 13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN
- 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 FACH BATH, DEN, FAMILY ROOM, BEDROOM, LOFT, KITCHEN
- 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 1,194 @ 3W	3,582 W
3 APPLIANCE CIRCUITS	4,500 W
DRYER	2,000 W
WASHER	2,000 W
RANGE	5,000 W
WATER HEATER	5,000 W
REFRIG.	1,800 W
DISHWASHER & DISPOSAL	3000 W
TOTAL	26,882 W
FRIST 10,000 @ 100% REMAINDER @ 40% MINI. SPLIT UNITS	10,000 W 6,753W 10,000 W
TOTAL	26,753 W

26,753 W DIVIDED BY 240V = 112 AMPS TOTAL

(USE 200 AMP SERVICE)

ELECTRICAL ABBREVIATIONS LIST

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

Branch Panel:

Location: W/D 14
Supply From:
Mounting: Recessed

Enclosure: Type 1

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating:
Mains Type:
Mains Rating: 200 A
MCB Rating: 1 A

lotes:

Circuit Numb er	Circuit Description	Number of Elements	Rating	Length	Wire Size	A		ı	3	Wire Size	Length	Rating	Number of Elements	Circuit Description	Circuit Numb er
1	BED1 LIGHT	6	15 A	51' - 11 3/16"	1-#14, 1-#14, 1-#14	472 VA	720 VA			1-#12, 1-#12, 1-#12	61' - 6 7/32"	20 A	4	BED1 RECEPTACLE	2
3	MST BATH GFCI	11	20 A	48' - 11 1/32"	1-#12, 1-#12, 1-#12			792 VA	628 VA	1-#14, 1-#14, 1-#14	55' - 5 7/32"	15 A	8	MST BED LIGHT	4
5	MST BED RECEPTACLE	4	20 A	64' - 0 13/32"	1-#12, 1-#12, 1-#12	720 VA	600 VA			1-#14, 1-#14, 1-#14	45' - 5 19/32"	15 A	6	OUTDOOR LIGHT	6
7	CONDENSER	1	60 A	46' - 2 3/4"	2-#6, 1-#6, 1-#10			2500 VA	720 VA	1-#12, 1-#12, 1-#12	65' - 5 1/32"	20 A	4	OUTDOOR GFCI	8
9						2500 VA	720 VA			1-#12, 1-#12, 1-#12	33' - 4 23/32"	20 A	4	KITCHE GFCI	10
11	DISHWASHER	1	20 A	23' - 0 15/32"	1-#12, 1-#12, 1-#12			1200 VA	180 VA	1-#12, 1-#12, 1-#12	25' - 7 7/32"	20 A	1	OVENHOOD	12
13	RANGE	1	40 A	31' - 4 25/32"	2-#8, 1-#8, 1-#10	2500 VA	900 VA			2-#12, 1-#12, 1-#12	15' - 9 25/32"	20 A	1	REFRIGERATOR	14
15								2500 VA	900 VA						16
17	WASHING MASHEIN	1	20 A	14' - 4 25/32"	1-#12, 1-#12, 1-#12	1200 VA	2500 VA			2-#10, 1-#10, 1-#10	12' - 7 1/32"	30 A	1	DRYER	18
19	BSTH 1 GFCI	7	20 A	19' - 6 27/32"	1-#12, 1-#12, 1-#12			396 VA	2500 VA						20
21	WATER HEATER	1	30 A	16' - 3 25/32"	2-#10, 1-#10, 1-#10	2500 VA	568 VA			1-#14, 1-#14, 1-#14	31' - 5 3/8"	15 A	9	BED2 LIGHT	22
23								2500 VA	720 VA	1-#12, 1-#12, 1-#12	40' - 7 11/16"	20 A	4	BED2 RECEPTACLE	24
25	LIV. LIGHT	8	15 A	38' - 10 7/16"	1-#14, 1-#14, 1-#14	360 VA									26
	•					16230	VA	1553	3 VA						
						135	Α	12	9 A	<u> </u>		<u></u>			

_e	ge	n	d:
	_		

LOAD CLASSIFICATION	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting - Dwelling Unit	900 VA	100.00%	900 VA	
OTHER	2196 VA	100.00%	2196 VA	Total Conn. Load: 31763 VA
RECEPTACLE	6720 VA	100.00%	6720 VA	Total Est. Demand: 30763 VA
LIGHTING	200 VA	100.00%	200 VA	Total Conn.: 132 A
CONDENSER	5000 VA	100.00%	5000 VA	Total Est. Demand: 128 A
WATER HEATER	5000 VA	100.00%	5000 VA	
RANGE	5000 VA	80.00%	4000 VA	
DRYER	5000 VA	100.00%	5000 VA	
REFRIGERATOR	1800 VA	100.00%	1800 VA	



KEY PLAN

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

15-Wisdom-1194-3Bd2Ba Craftsman-550

DRAWING NAME

SCHEDULE

CLIENT NAME:

PROJECT NUMBER:

0079_15

DATE:

2/9/2025 12:41:00 PM

DESIGNED BY:

DRAWN BY:

CHECKED BY:

Checker

E101

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

ELECTRICAL NOTE

- 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
- 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. 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
- ELECTRICAL OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24".
- 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.

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

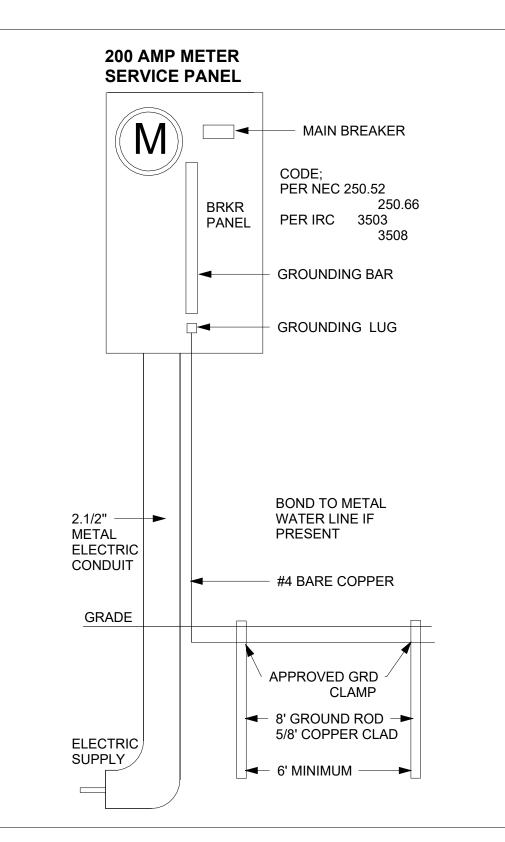
EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION E3609.4. WHERE

NONMETALLIC ENCLOSURES ARE USED WITH METAL RACEWAYS OR METAL-ARMORED CABLES, PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING

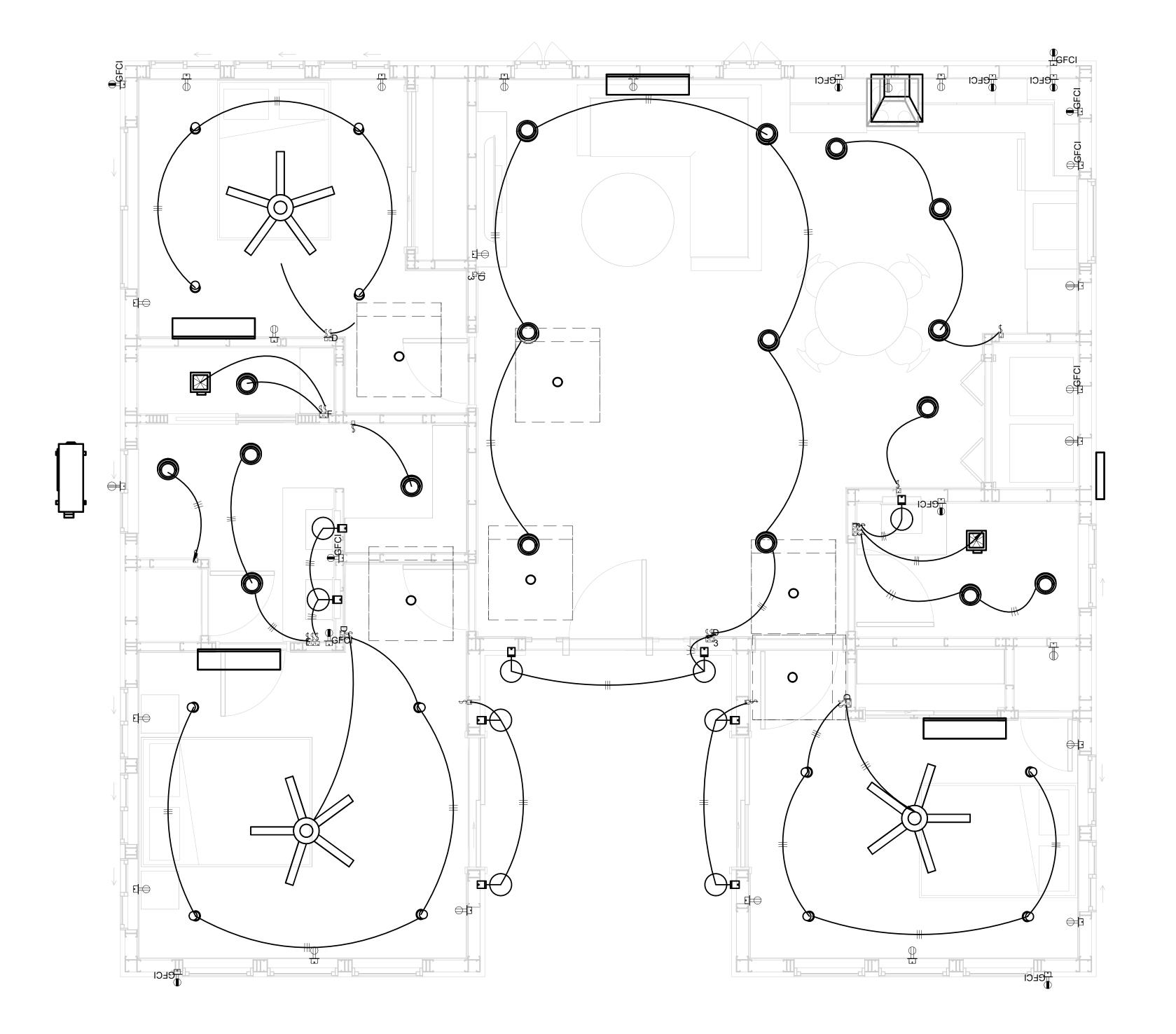
NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT

PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)

ELECTRICAL LEGEND					
	Electrical Lights With Fan				
9	Recessed Can Light				
0	Recessed Can Light				
– □	Wall Lamp				
₩Đ	Single Switch				
Æ	Three way Switch				
₩ 世	Fan Switch				
<u> </u>	Three way Switch				
	Duplex Receptacle				
⊕■	Triplex Receptacle				
⊕ E	GFCI Receptacle				
	Exhaust Fan				
•	Smoke and heat detector				



SERVICE PANEL DIAGRAM 12" = 1'-0"



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



KEY PLAN

DESCRIPTION

NOTE:

LEGEND:

PROJECT

15-Wisdom-1194-3Bd2Ba Craftsman-550

DRAWING NAME

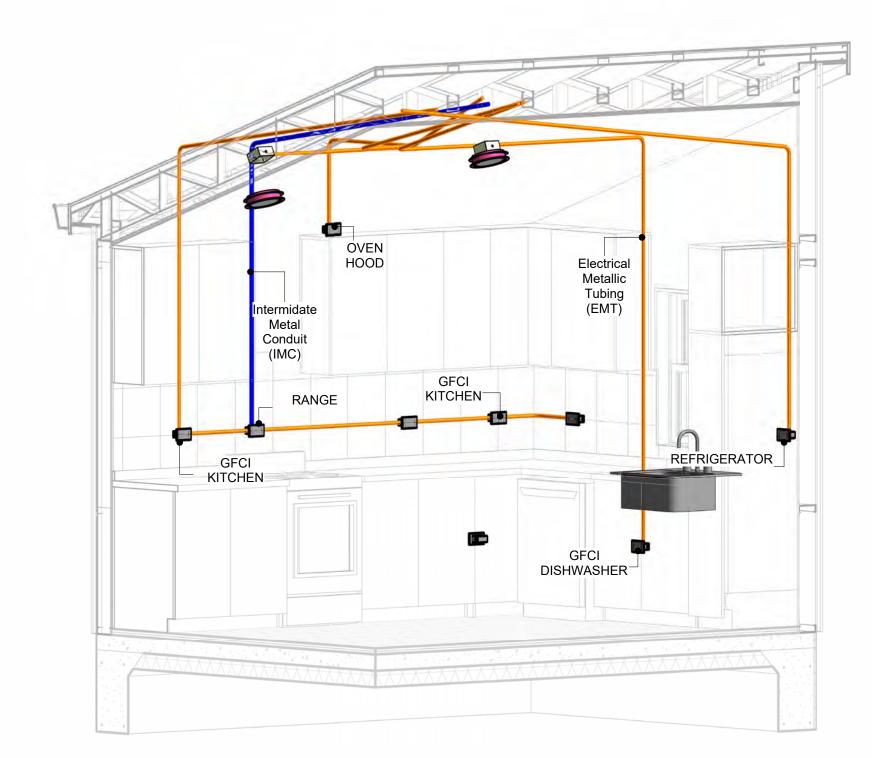
LIGHTING

CLIENT NAME:	Owner
PROJECT NUMBER:	0079_15
DATE:	2/9/2025 12:41:03 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

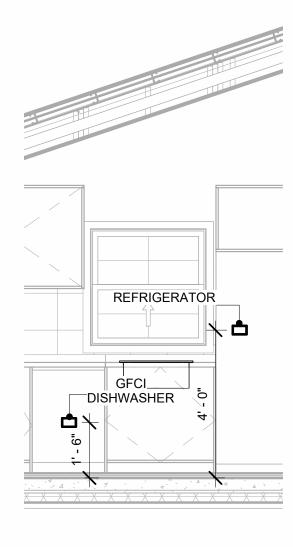
E102

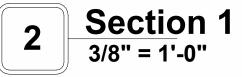
NOTES: CONDUIT, CABLE AND WIRING

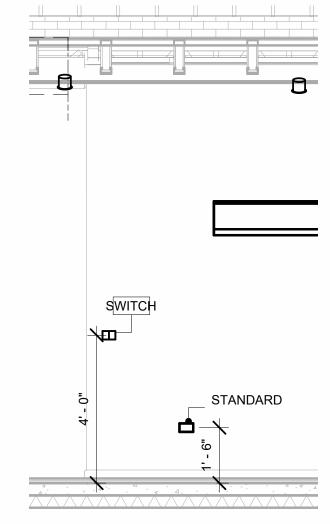
- Use Metalic Conduits (IMC) for cables running under concrete slabs.
 Use IMC for circuits with high voltage appliances (240 volts and above)
 For circuits with 120 volts consider using EMT or PVC conduits if needed.
 For Low voltage applications up to 50 volts consider using non metalic conduits.
 All conduits to be used in the project must conform to the latest National Electrical Code (NEC),
- 5. All conduits to be used in the project must also 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.

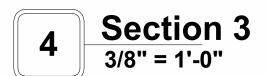


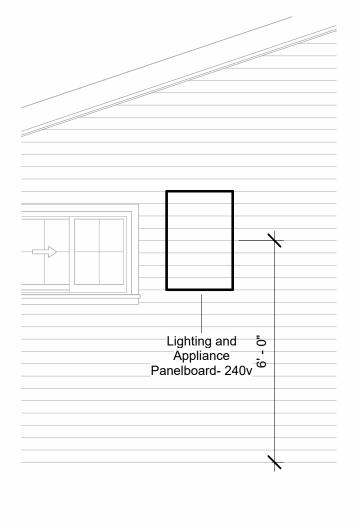
3D-KITCHEN

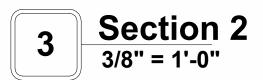


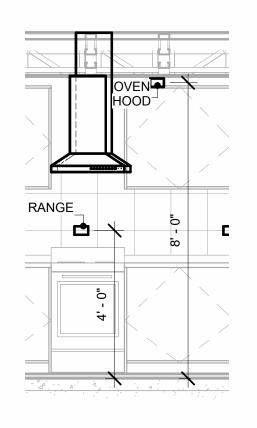








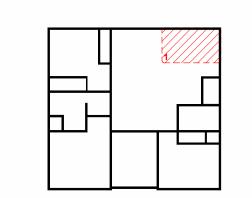




Section 4 3/8" = 1'-0"



KEY PLAN



NO.	DESCRIPTION	DA

NOTE:

LEGEND:

PROJECT

15-Wisdom-1194-3Bd2Ba Craftsman-550

DRAWING NAME

POWER

CLIENT NAME:	Owner
PROJECT NUMBER:	0079_15
DATE:	2/9/2025 12:41:27 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E103

SCALE: As indicated

NOTES: LIGHT

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

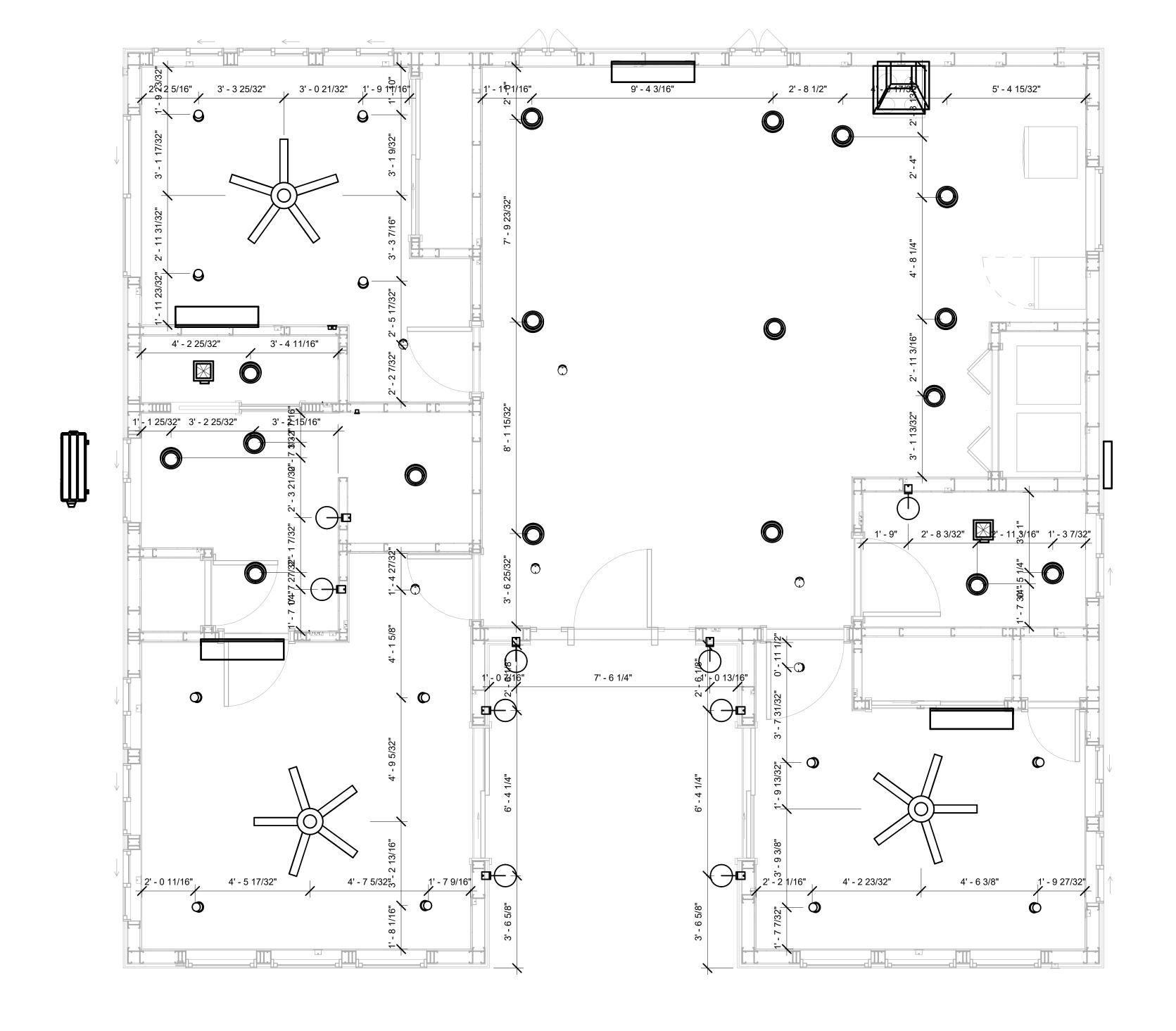
NOTES: SWITCH JUNCTION BOX

- 1. THE MINIMUM SIZE OF JUCTION BOX TO BE USED IS 2"X4"X(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
- 2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE
- JUCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"X4"X(1.5" OR 3.5" DEEP)
- 3. FOR THREE GANG (3 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE JUĆTION BOX SHALL NOT BE LESS THAN 6"X4"X(1.5" OR 3.5" DEEP).

FITTING SCHEDULE(PULL BOX)				
FAMILY	COUNT	DESCRIPTION		
PULLBOX1 38 #1/4 PULLBOX				

ELECTRICAL FIXTURE SCHEDULE (SWITCH BOX)		
TYPE COUNT		
1		
3		
4		
2		
2		
SHTING DEVICE		
COUNT		
3		
3		
15		
2		

LIGHTING FIXTURE				
LIGHTING FIXTURE TYPE	VOLTAGE	ELECTRICAL LOAD	COUNT	
ELECTRICAL_LIGHTS_FAN-LIGHT1	120 V/1-100 VA- 120 V/1-100 VA	<varies></varies>	3	
LIGHTING_RECESSED	120 V/1-60 VA	<varies></varies>	17	
SASSO 100 ROUND WALLWASHER TRIM	120 V/1-28 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	12	
WALL LAMP - BRACKET	120 V/1-100 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	9	







KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15-Wisdom-1194-3Bd2Ba Craftsman-550

DRAWING NAME

DIMENSION PLAN FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0079_15
DATE:	2/9/2025 12:41:29 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

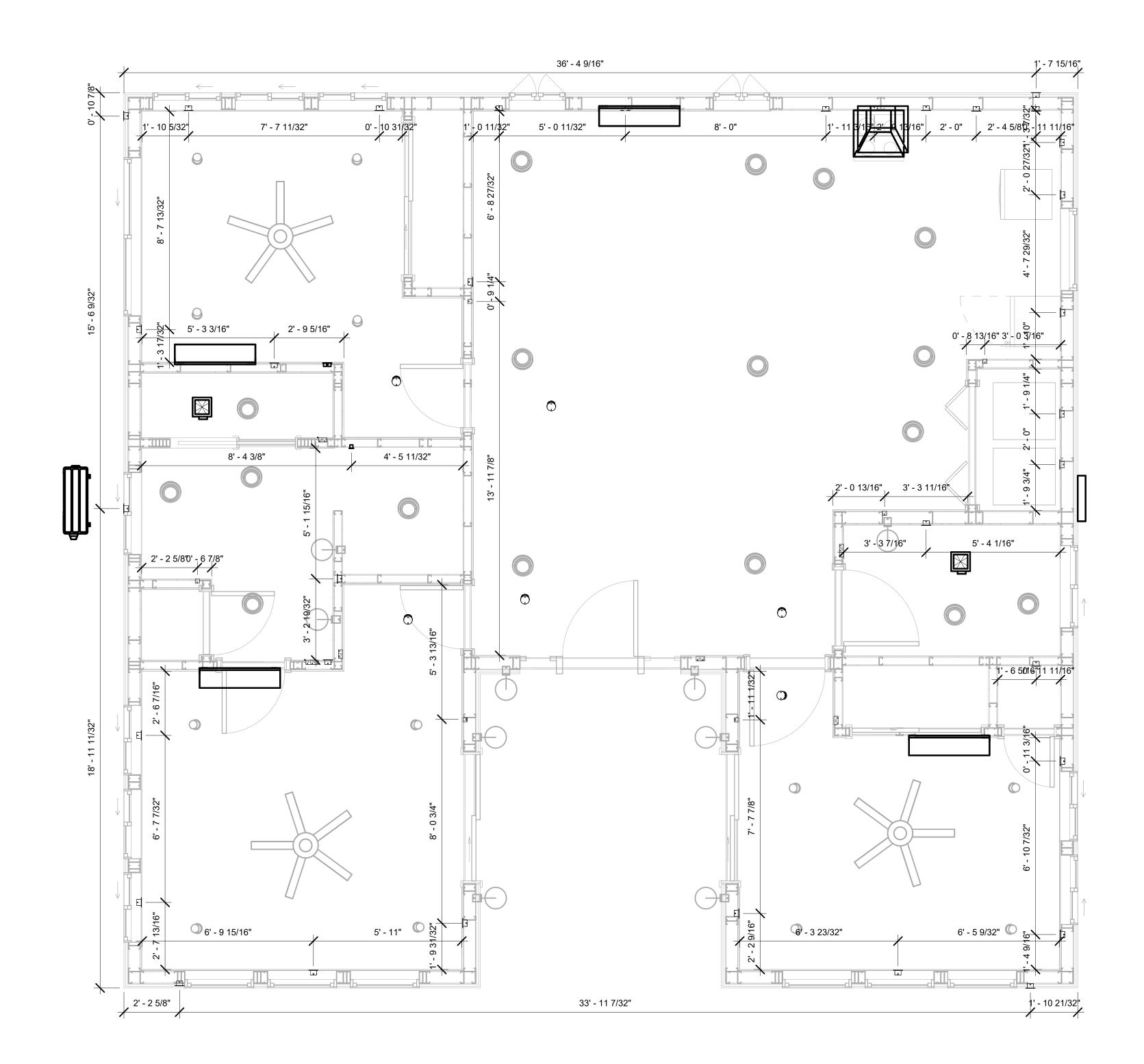
E104

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	3		
GFCI DISHWASHER	1		
GFCI KITCHEN	4		
GFCI OUT DOOR	4		
GFCI WASHER	1		
OVEN HOOD	1		
RANGE	1		
REFRIGERATOR	1		
STANDARD	15		
WATER HEATER	1		

ELECTRICAL OUTLET SCHEDULE			
TYPE	CIRCUIT NUMBER	ELECTRICAL DATA	COUNT
STANDARD		120 V/1-180 VA	3
STANDARD	2	120 V/1-180 VA	4
GFCI BATH ROOM	3	120 V/1-180 VA	2
STANDARD	5	120 V/1-180 VA	4
CONDENSER	7,9	240 V/2-5000 VA	1
GFCI OUT DOOR	8	120 V/1-180 VA	4
GFCI KITCHEN	10	120 V/1-180 VA	4
GFCI DISHWASHER	11	120 V/1-1200 VA	1
OVEN HOOD	12	120 V/1-180 VA	1
RANGE	13,15	240 V/2-5000 VA	1
REFRIGERATOR	14,16	240 V/2-1800 VA	1
GFCI WASHER	17	120 V/1-1200 VA	1
DRYER	18,20	240 V/2-5000 VA	1
GFCI BATH ROOM	19	120 V/1-180 VA	1
WATER HEATER	21,23	240 V/2-5000 VA	1
STANDARD	24	120 V/1-180 VA	4



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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

15-Wisdom-1194-3Bd2Ba Craftsman-550

DRAWING NAME

DIMENSION PLAN FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0079_15
DATE:	2/9/2025 12:41:30 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

SHEET LIST

SHEET NUMBER SHEET NAME

P101 NOTE AND SCHEDULE P102 WATER SUPPLY AND SEWAGE SYSTEM

PIPE COLOR SCHEME

DOMESTIC COLD WATER DOMESTIC HOT WATER - - - SANITARY VENT ----- SANITARY SEWER STORM DRAINAGE

PLUMBING NOTES

- 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.
- 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.
- 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.
- SHUT-OFF VALVES SHALL BE PROVIDED AT ALL BRANCH CONNECTIONS AND AT THE INLET AND OUTLET OF EACH PIECE OF EQUIPMENT.
- BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AS REQUIRED BY THE LOCAL
- PLUMBING CODE TO PROTECT THE POTABLE WATER SYSTEM. PLUMBING FIXTURES AND EQUIPMENT SHALL BE ACCESSIBLE FOR MAINTENANCE AND
- 10. EXPOSED PLUMBING PIPING AND FIXTURES SHALL BE INSULATED TO PREVENT
- CONDENSATION AND ENERGY LOSS. 11. DEAD ENDS IN THE DRAINAGE SYSTEM MUST BE AVOIDED, EXCEPT WHERE NECESSARY TO INSTALL A CLEANOUT IN AN ACCESSIBLE LOCATION, AND MUST HAVE A VENTED CONNECTION TO THE OUTSIDE ATMOSPHERE.
- 12. THE VERTICAL DEFLECTION OF PVC PIPE MUST NOT EXCEED 5%, AND NO DEFLECTION IS PERMITTED FOR IRON PIPE.
- 13. WORK MUST BE PROPERLY COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS, REFERRING TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR INFORMATION REGARDING CEILING ELEVATIONS, SPACE CLEARANCES, WALL AND PARTITION LOCATIONS, ETC.
- 14. ALL FIXTURES SHALL HAVE ACCESSIBLE STOPS.
- 15. DOMESTIC WATER PIPING SHALL BE PEX, AND PVC PIPING IS NOT ACCEPTABLE FOR INTERIOR USE.
- 16. VENT TERMINATIONS SHALL BE LOCATED AT LEAST 10 FEET FROM OR 3 FEET ABOVE ANY OPERABLE WINDOW, DOOR OPENING, AIR INTAKE, OR VENT SHAFT, AND AT LEAST 3 FEET IN EVERY DIRECTION FROM ANY LOT LINE, ALLEY, OR STREET.
- 17. PIPE AND FITTINGS UTILIZED IN THE WATER SUPPLY SYSTEM SHALL HAVE A MAXIMUM OF 8 PERCENT LEAD.
- 18. ACRYLONITRILE BUTADIENE STYRENE (ABS) SHALL BE USED FOR THE SEWERAGE AND
- VENTILATION SYSTEM. 19. CROSS-LINKED POLYETHYLENE (PEX) SHALL BE USED FOR THE WATER SUPPLY SYSTEM.
- POLYVINYL CHLORIDE (PVC) SHALL BE USED FOR THE RAIN WATER SYSTEM.
- 21. THE MIMIMUM 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

D	CAP
	BEND 45 DEG
B	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	SIZE	QTY
	<u> </u>	<u> </u>
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	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	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
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
Combination with offi being elbow		ı
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></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></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	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									



Tuscon, AZ, USA

KEY PLAN

DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

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

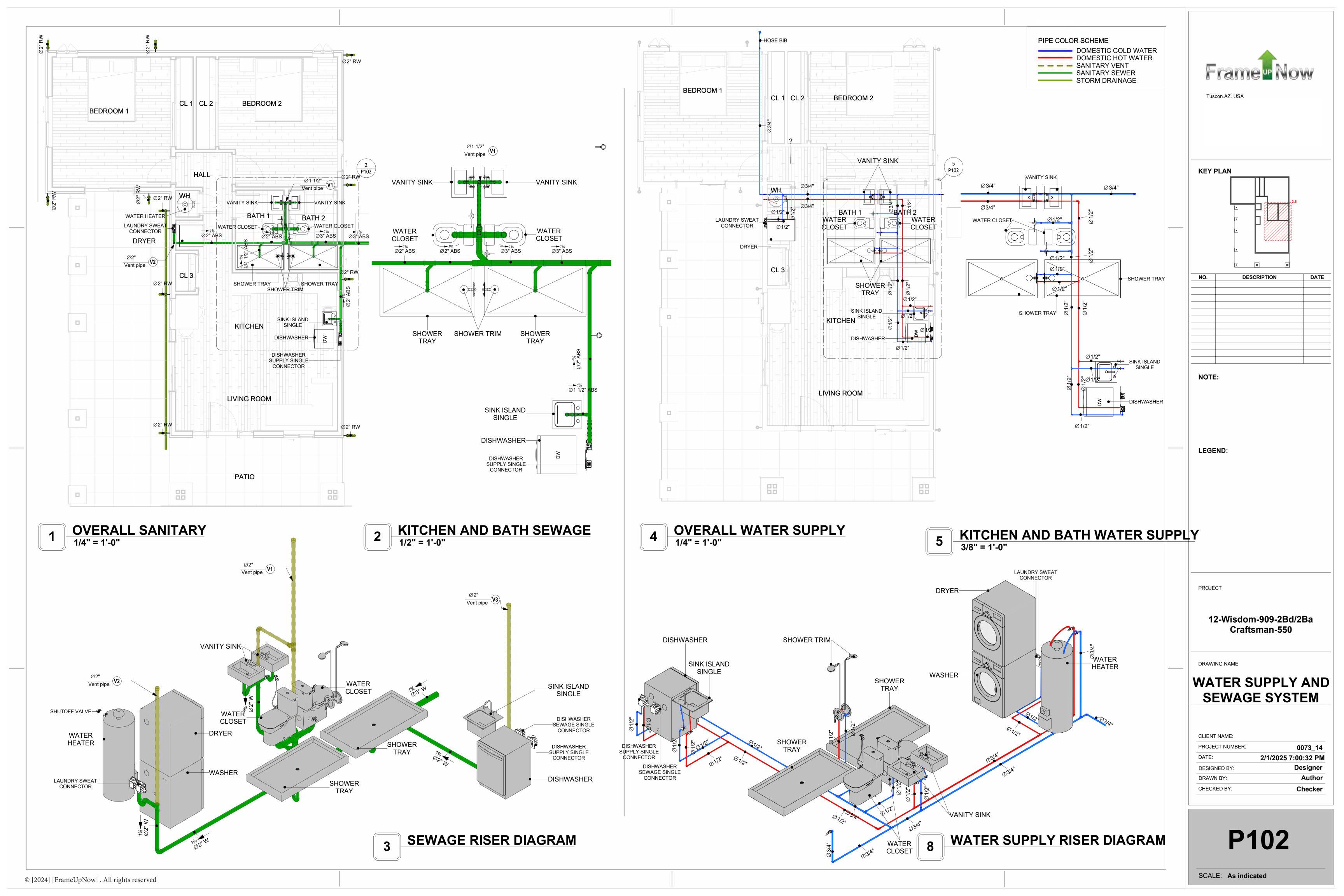
DRAWING NAME

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



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		~	The wall frames, trusses and beams can be erected in a just a few days
2 Minimal Construction Skills Required		~	Pre-assembled walls and trusses require no specialized skills to errect
3 Build as DIY, Hybrid or by a General Contractor		✓	Do it yourself, Hybrid (involve special contractors) or hire a General Contractor
4 Build It As You Can Afford It		✓	Impervious to Weather - build as you have the time and money
5 Up Front Cost of Framing Materials	~		As to only the framing material, wood is less expensive
6 Total Cost To Build		~	Savings in time, labor, and other areas make light gauge steel LESS expensive
7 Termites and wood boring insects		Y	Termites, carpenter ants and wood boring insects eat wood, not metal
8 Mold resistant		~	Metal does not attract mold
9 Damage caused by exterior and interior flooding		~	Metal needs no reconditioning after a flood
10 Fire Resistant		~	Non-combustible
11 Lower insurance rates		Y	Many insurance underwriters now provide lower rates for metal framed homes
12 Walls, trusses, and beams retain their original form		~	Perfectly straight walls - no shimming of drywall
13 Corners are 90 degrees		✓	No need for templating of countertops to adjust for out of square corners
14 Strength and weight		✓	Metal is stronger than wood and weighs less - no need for crane to lift ADU trusses
15 IBC Engineered Stamp		✓	If an engineering stamp is necessary, months of waiting are saved
16 Complete BOM (Materials Shopping List)		~	Take the materials shopping list to Home Depot and start shopping/pricing
17 Flexible in Seismic Areas - Won't Fracture		~	Light gauge steel is flexible and won't fracture when the earth moves
18 No Waste At Job Site		~	Steel is the most recycled material in the world. A typical wood home has 20-30% waste
19 Environmentally Friendly		~	Trees don't have to be destroyed and the source of most metal is from recycling
20 How-To Videos Included		~	How-to videos provide simple assembly instructions
21 Relationship Counselor		✓	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-3Bd2Ba-Craftsman





Wisdom-3Bd2Ba-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!

TOC



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4	PLUMBING BOM	PLUMBING BOM	10
6	ARCHITECTURAL BOM	ARCHITECTURAL BOM_	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.
- 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



	Wisdom-3Bd2Ba-Craftsman							
		ARCHITECT	URAL MATE	RIAL SHOPE	PING LIST			
No.	Item	Type	Unit	Quantity	Unit price	Total	Description	
Δ	APPLIANCES							
1	Refrigerator		PCS	1				
2	Range		PCS	1				
3	Washer		PCS	1				
4	Dryer		PCS	1				
5	Dish Washer		PCS	1				
6	Oven		PCS	0				
7	Microwave		PCS	0				
Δ	CASEWORKS							
1	Kitchen Cabinet		FT	19.5				
2	Laundry Cabinet		FT	0				
3	Vanity Cabinet		FT	9.07				
4	Medicine Cabinet		PCS	3				
5	Kitchen countertop		SF	31.21				
6	Laundry Countertop		PCS	0				
7	Bathroom Countertop		SF	0				
8	Island		FT	0				
9	Peninsula		FT	0				
10	Closets		SF	141.96				
Δ	CEILING							
1	Ceiling Board	Dry Wall	SF	741				
2	Dry Wall Fastener	Screw	PCS	1296.75				
3	Vapor Retarder	Polyethylene film	SF	1392.5				
4	Vapor Retarder Fastener	Nails with washer heads	PCS	4177.5				
5	Ceiling Board (MRD)	Moisture resistant drywall	SF	651.5				
6	MRD Fastener		PCS	1140.125				
7	Ceiling Board	Marine Plywood	SF	0				
8	Marine Plywood Fastener	Screw	PCS	0				
9	Dry Wall Tape		FT	696.25				
Δ	FLOORING	·				'		
1	Main Living Space		SF	435.86				
2	Bathroom		SF	159.4				
3	Bedrooms		SF	484.66				
4	Porch		SF	124.16				

ARCHITECTURAL BOM



\cap	STRUCTURE					
1	Foundation		SF	1318.33		
Δ	WALLS EXTERIOR					
1	Exterior Wall Siding		SF	1244		
2	Wall Paint		SF	1244		
3	Wall Shteathing (OSB)		SF	1244		
4	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	12.44		
5	Wall Insulation		SF	4120		
6	Wall Homewrap		SF	1244		
7	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	4.7		
8	Furring Strip		SF	155.5		
9	Furring Strip Fastener	Self-drilling screws(100/pkt)	PKT	12.4		
Δ	WALLS INTERIOR					
1	Cementitious Backer Board		SF	865		
2	Kerdi membrane		SF	865		
3	Kerdi membrane Fastener		SF	865		
4	Wall Ceramic Tile		SF	865		
5	Drywall Board		SF	2104		
6	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	21.04		
7	Wall Paint		SF	2104		
8	Drywall Tape		FT	395		
	DOORS					
1	Interior Swinging	3' - 0" X 6'-8"	PCS	2		
2	Interior Swinging	2' - 6" X 6'-8"	PCS	4		
3	Exterior Door With Sidelight	6' - 5" X 7'-0"	PCS	1		
4	Interior Sliding	6' - 0" X 6'-8"	PCS	1		
5	Interior Sliding	5' - 0" X 6'-8"	PCS	1		
6	Patio Sliding	5' - 0" X 6'-8"	PCS	2		
7	Bifold Door	5' - 0" X 6'-8"	PCS	1		
8	Pocket Door	2' - 4" X 6'-8"	PCS	1		
9	Interior Swinging	2' - 0" X 6'-8"	PCS	1		
10	Exterior Door Trim		FT	57.1		
	Interior Door Trim		FT	428.48		
	Entry Lock set		PCS	3		
13	Privacy Lock set		PCS	6		
14	Passage Lock set		PCS	5		

ARCHITECTURAL BOM



	WINDOWS				
1	Sliding	3' - 3" X 2'-3"	PCS	2	
2	Hung	2' - 9" X 3'-3"	PCS	6	
3	Sliding	2' - 9" X 3'-3"	PCS	8	
4	Casement	2' - 3" X 3'-3"	PCS	2	
5	Sliding	6' - 3" X 3'-3"	PCS	1	
6	Hung	3' - 3" X 3'-3"	PCS	1	
7	Exterior Window Trim		FT	248	
8	Interior Window Trim		FT	248	
△	ROOF				
1	Roof Covering		SF	0	
2	Roof Covering Fastener		PCS	0	
3	Roof Felt Paper		SF	108	
4	Roof Felt Paper Fastener		PCS	0	
5	Roof Sheathing		SF	189	
6	Roof Sheathing Fastener		PCS	1512	
7	Batten		FT	324	
8	Batten Fastener		PCS	243.61	
9	Soffit		SF	0	
10	Soffit Fastener		PCS	0	
11	Fascia		FT	0	
12	Fascia board fastener		PCS	0	
13	Roof Insulation		SF	0	



Wisdome-3Bd2Ba-Craftsman							
		ELECTRICAL	MATERIAL S	SHOPPIN	IG LIST		
No.	Item	Туре	Unit	Quantity	Unit price	Total	Description
Δ	LIGHTING FIXTURES				· .		<u> </u>
1	Kitchen Ceiling Light		PCS	3			
2	Exterior Wall Mounted Light		PCS	6			
3	Livingroom Ceiling Light With Fan		PCS	0			
4	Bedroom Ceiling Light With Fan		PCS	3			
5	Dining Ceiling Light		PCS	0			
6	Bath Wall Mounted Light		PCS	3			
7	Bathroom Ceiling Light		PCS	6			
8	Livingroom Ceiling Light		PCS	7			
9	Bedroom Ceiling Light		PCS	12			
10	Hall & Entry Ceiling Light		PCS	0			
	Closet Ceiling Light		PCS	1			
11	Smoke Detector		PCS	6			
	ELECTRICAL FITTINGS	1	1		1		
	Standard Receptacle 120V	20A	PCS	16			
	GFCI Receptacle 120V	20 A	PCS	14			
14	GFCI Receptacle 240V	30 A	PCS	2			
15	GFCI Receptacle 240V	40 A	PCS	1			
16	GFCI Receptacle 240V	60 A	PCS	1			
	Fan Switch		PCS	3			
	Single Pole Switch		PCS	15			
	Three Way Switch		PCS	2			
	Dimmer Switch		PCS	3			
	ELECTRICAL CONDUITS & WIRING		1 00				
	ROMEX 14 AWG	14/2 w/ground	FT	192			
	ROMEX 12 AWG	12/2 w/ground	FT	420			
	ROMEX 12 AWG	12/3 w/ground	FT	0			
	ROMEX 10 AWG	10/2 w/ground	FT	0			
	ROMEX 10 AWG	10/3 w/ground	FT	20			
	ROMEX 8 AWG	8/3 w/ground	FT	41			
	ROMEX 6 AWG	6/3 w/ground	FT	19			
	Bare Copper Ground Wire 6 AWG	0/3 W/ground	' '	17			
	ELECTRICAL BOXES & CIRCUTES						
	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1			
	Circuit breaker	15 A	PCS	5			
	Circuit breaker	20 A	PCS	13			
	Circuit breaker	30 A	PCS	2			
	Circuit breaker	40 A	PCS	1			
	Circuit breaker	50 A	PCS	0			
	Circuit breaker	60 A	PCS	1			
	Single Gang Switch Box	00 A	PCS	7			
	Double Gang Switch Box		PCS				
38 39	Triple Gang Switch Box		PCS	2			
	Pull Box	#1//	PCS	37			
	Receptacle Box	#1/4	PCS	34			

PLUMBING BOM



Wisdom-3Bd2Ba-Craftsman

PLUMBING SYSTEM MATERIAL SHOPPING LIST

	FEOMOTING STSTEM WATERIAL SHOFF ING LIST							
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description	
	PLUMBING FIXTURES & ACCESSORIES							
1	Bath Tub (Alcove Tub)		PCS	0				
2	Kitchen Sink		PCS	1				
3	Kitchen Faucets		PCS	1				
4	Vanity Sink		PCS	3				
5	Bath room Faucets		PCS	3				
6	Water Closet		PCS	2				
7	Shower Trim		PCS	2				
8	Shower Tray		PCS	2				
9	Water Heater		PCS	1				
10	Hose Bib		PCS	1				
11	Shutoff Valve		PCS	10				
12	Hanging pipe clamp		PCS	22				
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				
	SANITARY & PLUMBING PIPES							
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"	FT	0				
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	31				
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	61				
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	39				
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	180				
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	18				
7	PEX (Cross-linked polyethylene) Pipes	ø 1"	FT	0				
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"	FT	0				
9	PVC Pipes Sch.80 - Rigid	ø 2"	FT	58				
10	PVC Pipes Sch.80 - Rigid	ø 3"	FT	0				
11	Flex Pipe Round	ø 1/2"	PCS	10				

PLUMBING BOM



	PIPE FITTINGS				
1	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	5	
2	ABS 90 Degree Bend Elbow	2"ø-2"ø	PCS	2	
3	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	4	
4	ABS P-Trap	1 1/2"ø-1 1/2"ø	PCS	4	
5	ABS P-Trap	2"ø-2"ø	PCS	1	
6	ABS Reducer Elbow	2"ø-1 1/2"ø	PCS	4	
7	ABS Reducer Elbow	3"ø-2"ø	PCS	2	
8	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø	PCS	4	
9	ABS TEE Elbow	2"ø-2"ø-2"ø	PCS	3	
10	ABS TEE Elbow	3"ø-3"ø-3"ø	PCS	3	
11	ABS Tee Reducer Elbow	2"ø-2"ø-1 1/2"ø	PCS	1	
12	ABS Tee Reducer Elbow	3"ø-3"ø-1 1/2"ø	PCS	1	
13	ABS Tee Reducer Elbow	3"ø-3"ø-2"ø	PCS	1	
14	ABS Trap P	2"ø-2"ø	PCS	1	
15	ABS Vent Cap Elbow	1 1/2"ø	PCS	1	
16	ABS Vent Cap Elbow	2"ø	PCS	4	
17	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø	PCS	1	
18	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø	PCS	1	
19	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-2"ø	PCS	2	
	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	40	
21	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	4	
22	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	16	
23	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	2	
24	PEX Transition Elbow	1"ø-3/4"ø	PCS	2	
25	PEX Transition Elbow	3/4"ø-1/2"ø	PCS	3	
26	PVC 90 Deg Bend Elbow	2"ø-2"ø	PCS	21	
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HVAC BOM



		Wisdom	-3Bd2l	3a-Crafts	sman		
		HVAC SYSTEM MAT	ERIAL	SHOPPI	NG LIST		
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description
	HVAC_DUCTS						
1	PIPE (REFRIGERANT LINE)	3/8" (Ø)	FT	108.19			
2	PIPE (REFRIGERANT LINE)	3/4" (Ø)	FT	149.63			
3	DRAYER HOSE	4" (Ø)	FT	8.5			
4	FLEX DUCT ROUND	4" (Ø)	FT	5.95			
\triangle	DUCT FITTINGS & ACCESSORIES						
8	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	1			
9	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	43			
10	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)	PCS	30			
11	TEE (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)-3/4" (Ø)	PCS	3			
12	TEE (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)-3/8" (Ø)	PCS	3			
13	TRANSITION (REFRIGERANT	3/4" (Ø)-1/2" (Ø)	PCS	6			
14	TRANSITION (REFRIGERANT	3/4" (Ø)-5/8" (Ø)	PCS	4			
15	TRANSITION (REFRIGERANT	3/8" (Ø)-1/4" (Ø)	PCS	1			
16	ROUND TRANSITION (DUCT)	45 DEGREE	PCS	9			
\triangle	HVAC_EQUIPMENTS						
19	AIR HANDLING UNIT	WALL MOUNTED	PCS	4			
20	CONDENSER	OUTDOOR UNIT	PCS	1			
21	EXHAUST FAN	75 CFM	PCS	2			
22	EXHAUST HOOD	WALL MOUNTED	PCS	1			
23	HOOD-WALL: VENT	HOOD-WALL: VENT	PCS	1			
24	DRAYER: VENT	DRAYER: VENT	PCS	1			
25	ROOF VENT	3"(Ø)	PCS	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

- 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.
- 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.
- 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.



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



		ELECTRICAL FITTINGS				
Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
Standard Receptacle 120V	20A		PCS	16		
GFCI Receptacle 120V	20 A		PCS	14		
GFCI Receptacle 240V	30 A		PCS	2		
GFCI Receptacle 240V	40 A		PCS	1		
GFCI Receptacle 240V	60 A		PCS	1		
Fan Switch			PCS	3		
Single Pole Switch			PCS	15		
Three Way Switch			PCS	2		
Dimmer Switch			PCS	3		
	Standard Receptacle 120V GFCI Receptacle 120V GFCI Receptacle 240V GFCI Receptacle 240V GFCI Receptacle 240V Fan Switch Single Pole Switch Three Way Switch	Standard Receptacle 120V GFCI Receptacle 120V 20 A GFCI Receptacle 240V 30 A GFCI Receptacle 240V 40 A GFCI Receptacle 240V 60 A Fan Switch Single Pole Switch Three Way Switch	Item Type Description, Manufacturer, SKU Standard Receptacle 20A 120V GFCI Receptacle 120V 20 A GFCI Receptacle 240V 30 A GFCI Receptacle 240V 40 A GFCI Receptacle 240V 60 A Fan Switch Single Pole Switch Three Way Switch	Item	Item	Item



		ELECTRICAL CONDUITS & WIRING				
Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
ROMEX 14 AWG	14/2/W/ground		FT	192		
ROMEX 12 AWG	12/2/W/ground		FT	420		
ROMEX 10 AWG	10/3/W/ground		FT	20		
Romex 8 AWG	8/3/W/ground		FT	41		
ROMEX 6 AWG	6/3/W/ground		FT	19		
Bare Copper Ground Wire 6 AWG			FT	0		
	ROMEX 14 AWG ROMEX 12 AWG ROMEX 10 AWG Romex 8 AWG ROMEX 6 AWG Bare Copper Ground	ROMEX 14 AWG ROMEX 12 AWG 12/2/W/ground ROMEX 10 AWG 10/3/W/ground ROMEX 8 AWG 8/3/W/ground ROMEX 6 AWG Bare Copper Ground	Item	Item Type Description, Manufacturer, SKU Unit ROMEX 14 AWG 14/2/W/ground FT ROMEX 12 AWG 12/2/W/ground FT ROMEX 10 AWG 10/3/W/ground FT Romex 8 AWG 8/3/W/ground FT ROMEX 6 AWG 6/3/W/ground FT Bare Copper Ground FT Bare Copper Ground FT Romex 8 AWG FT Rom	Item Type Description, Manufacturer, SKU Unit Quantity	Item Type Description, Manufacturer, SKU Unit Quantity Unit Price



				- 0								
		ELECTRICAL BOXES & CIRCUTES										
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total					
1	Panelboard -240V 1 Phase MLO	200 AMP		PCS	1							
2	Circuit breaker	15 A		PCS	5							
3	Circuit breaker	20 A		PCS	13							
4	Circuit breaker	30 A		PCS	2							
5	Circuit breaker	40 A		PCS	1							
6	Circuit breaker	60 A		PCS	1							
7	Single Gang Switch Box			PCS	7							
8	Double Gang Switch Box			PCS	4							
9	Triple Gang Switch Box			PCS	2							
10	Pull Box	#1/4		PCS	37							
13	Receptacle Box			PCS	34							
14												
15												

HVAC BOM



			HVAC_DUCTS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PIPE (REFRIGERANT LINE)	3/8" (Ø)		FT	108.19		
2	PIPE (REFRIGERANT LINE)	3/4" (Ø)		FT	149.63		
3	DRAYER HOSE	4" (Ø)		FT	8.5		
4	FLEX DUCT ROUND	4" (Ø)		FT	5.95		
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

HVAC BOM



		D	UCT FITTINGS & ACCESSORIES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)		PCS	1		
2	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)		PCS	43		
3	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)		PCS	30		
4	TEE (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)-3/4" (Ø)		PCS	3		
5	TEE (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)-3/8" (Ø)		PCS	3		
6	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-1/2" (Ø)		PCS	6		
7	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-5/8" (Ø)		PCS	4		
8	TRANSITION (REFRIGERANT LINE)	3/8" (Ø)-1/4" (Ø)		PCS	1		
9	ROUND TRANSITION (DUCT)	45 DEGREE		PCS	9		
10							
11							
12							
13							
14							
15							

HVAC BOM



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



	PLUMBING FIXTURES & ACCESSORIES								
#	Item Ty	pe 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 3							
5	Bath room faucets	PCS 3							
6	Water Closet	PCS 2							
7	Shower Trim	PCS 2							
8	Shower Tray	PCS 2							
9	Water Heater	PCS 1							
10	Hose Bib	PCS 1							
11	Shutoff Valve	PCS 10							
12	Hanging pipe clamp	PCS 14							
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							



\triangle		SANI	TARY & PLUMBING PIPES		_		
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"		FT	C		
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"		FT	31		
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"		FT	61		
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"		FT	39		
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"		FT	180		
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"		FT	18		
7	PEX (Cross-linked polyethylene) Pipes	ø 1"		FT	C		
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"		FT	C		
9	PVC Pipes Sch.80 - Rigid	ø 2"		FT	58		
10	PVC Pipes Sch.80 - Rigid	ø 3"		FT	C		
11	Flex Pipe Round	ø 1/2"		PCS	10		
12							
13							
14							
15							



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



\triangle		PIF	PE FITTINGS 02		
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price Total
1	ABS Vent Cap Elbow	2"ø		PCS	4
2	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø		PCS	1
3	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø		PCS	1
4	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-2"ø		PCS	2
5	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	40
6	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	4
7	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	16
8	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	2
9	PEX Transition Elbow	1"ø-3/4"ø		PCS	2
10	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	3
11	PVC 90 Deg Bend Elbow	2"ø-2"ø		PCS	21
12				1 00	£1
13					
14					
15					



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



		CASEWORKS 01									
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total				
1	Kitchen Cabinet			FT	19.5						
2	Laundry Cabinet			FT	0						
3	Vanity Cabinet			FT	9.07						
4	Medicine Cabinet			PCS	3						
5	Kitchen countertop			SF	31.21						
6	Laundry Countertop			PCS	0						
7	Bathroom Countertop			SF	0						
8	Island			FT	0						
9	Peninsula			FT	0						
10	Closets			SF	141.96						
11											
12											
13											
14											
15											



			CEILING 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	LIVING ROOM + KITCHEN RO	OOM		SF	459.0		
1	Ceiling Board	Drywall		SF	459		
2	Drywall Fastener	Screw		PCS	803		
3	Vapor Retarder	Polyethylene film		SF	459.0		
1	Vapor Retarder Fastener	Nails with washer heads		PCS	1377.0		
	BATHROOM	,		SF	49.0		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	49		
õ	MRD Fastener	Screw		PCS	86		
	PRIMARY SUIT BATH			SF	108.0		
7	Ceiling Board	MRD (Moisture resistant drywall)		SF	108		
3	MRD Fastener	Screw		PCS	189		
	WH			SF	7.0		
)	Ceiling Board	Drywall		SF	7		
10	Drywall Fastener	Screw		PCS	12		
11	Vapor Retarder	Polyethylene film		SF	7.0		
12	Vapor Retarder Fastener	Nails with washer heads		PCS	21.0		



			CEILING 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	PRIMARY SUIT			SF	100.0		
13	Ceiling Board	Drywall		SF	100		
14	Drywall Fastener	Screw		PCS	175		
15	Vapor Retarder	Polyethylene film		SF	100.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	300.0		
	BED ROOM 2			SF	139.0		
17	Ceiling Board	Drywall		SF	139		
18	Drywall Fastener	Screw		PCS	243		
19	Vapor Retarder	Polyethylene film		SF	139.0		
20	Vapor Retarder Fastener	Nails with washer heads		PCS	417.0		
	BED ROOM 3			SF	134.0		
21	Ceiling Board	Drywall		SF	134		
22	Drywall Fastener	Screw		PCS	235		
23	Vapor Retarder	Polyethylene film		SF	134.0		
24	Vapor Retarder Fastener	Nails with washer heads		PCS	402.0		



			CEILING 03			
=	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	e Total
	CLOSET 2			SF	16.0	
25	Ceiling Board	Drywall		SF	16	
26	Drywall Fastener	Screw		PCS	28	
15	Vapor Retarder	Polyethylene film		SF	16.0	
16	Vapor Retarder Fastener	Nails with washer heads		PCS	48.0	
	CLOSET 3			SF	15.0	
17	Ceiling Board	Drywall		SF	15	
18	Drywall Fastener	Screw		PCS	26	
19	Vapor Retarder	Polyethylene film		SF	15.0	
20	Vapor Retarder Fastener	Nails with washer heads		PCS	45.0	
	FAU			SF	8.0	
21	Ceiling Board	Drywall		SF	8	
22	Drywall Fastener	Screw		PCS	14	
23	Vapor Retarder	Polyethylene film		SF	8.0	
24	Vapor Retarder Fastener	Nails with washer heads		PCS	24.0	
		·				



			CEILING 03				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	WD			SF	108.0		
25	Ceiling Board	Drywall		SF	108		
26	Drywall Fastener	Screw		PCS	189		
15	Vapor Retarder	Polyethylene film		SF	108.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	324.0		
		,					



			FLOORING INTERIOR 01			
ŧ	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total
	BEDROOM#1					
	Bedroom Flooring			SF	171.1	
	Wood underlay	Foam Pad Polyethylene		SF	171.1	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	171.1	
	BEDROOM#2					
	Bedroom Flooring			SF	130.76	
	Wood underlay	Foam Pad Polyethylene		SF	130.76	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	130.76	
	BEDROOM#3					
	Bedroom Flooring			SF	127.11	
	Wood underlay	Foam Pad Polyethylene		SF	127.11	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	127.11	
	CL #1					
)	Closet Flooring			SF	26.26	
L	Wood underlay	Foam Pad Polyethylene		SF	26.26	
)	Vapor Retarder	Vapor Barrier Polyethylene		SF	26.26	



			FLOORING INTERIOR ()2			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	CL #2						
13	Closet Flooring			SF	14.68		
14	Wood underlay	Foam Pad Polyethylene		SF	14.68		
15	Vapor Retarder	Vapor Barrier Polyethylene		SF	14.68		
	CL#3						
16	Closet Flooring			SF	14.75		
17	Wood underlay	Foam Pad Polyethylene		SF	14.75		
18	Vapor Retarder	Vapor Barrier Polyethylene		SF	14.75		
	LIVING ROOM AND KITCHEN						
19	Living Area Flooring			SF	435.86		
20	Wood underlay	Foam Pad Polyethylene		SF	435.86		
21	Vapor Retarder	Vapor Barrier Polyethylene		SF	435.86		
	BATHROOM #1						
22	Tile Finish			SF	79.83		
23	Adhesive	1/2" Thin set Mortar		SF	79.83		
23	Vapor Retarder	Vapor Barrier Polyethylene		SF	79.83		



		FLOORING INTERIOR 03								
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total				
	BATHROOM #2									
24	Tile Finish			SF	46.31					
25	Adhesive	1/2" Thin set Mortar		SF	46.31					
26	Vapor Retarder	Vapor Barrier Polyethylene		SF	46.31					
	W/D									
27	Tile Finish			SF	19.51					
28	Adhesive	1/2" Thin set Mortar		SF	19.51					
29	Vapor Retarder	Vapor Barrier Polyethylene		SF	19.51					
	BOILER ROOM 1									
30	Tile Finish			SF	6.46					
31	Adhesive	1/2" Thin set Mortar		SF	6.46					
32	Vapor Retarder	Vapor Barrier Polyethylene		SF	6.46					
	BOILER ROOM 2									
33	Tile Finish			SF	7.29					
34	Adhesive	1/2" Thin set Mortar		SF	7.29					
35	Vapor Retarder	Vapor Barrier Polyethylene		SF	7.29					



		FLOORING EXTERIOR			
Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total
STRUCTURE			SF	1,318.33	
Concrete Slab	4"concrete cast in situ		CF	439.45	
Insulation	Rigid insulation		SF	347.13	
Hard core	Compacted soil		CF	362.93	
Re-bar	#4 re-bar		Ton	0.32	
Concrete Pad	4"concrete cast in situ		CF	1.58	
Slab edge	Turndown		CF	298.06	
Footing	Cast-in-place concrete		CF	0	
PORCH FRONT					
Tile Finish			SF	124.16	
Adhesive	1/2" Thin set Mortar		SF	124.16	
Vapor Retarder	Vapor Barrier Polyethylene		SF	124.16	



		WALLS: EXTERIOR						
	Item	Type Description, Manu	ıfacturer, SKU Unit	quantity Unit Price	Total			
1	Exterior-Grade Plywood Horizontal Siding		SF	1244				
2	Exterior-Grade Plywood Fastener	8/pa Self-drilling screws(100/pkt)	PKT	12.44				
3	Wall Shteathing (OSB)		SF	12.44				
4	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	12.44				
5	Wall Homewrap		SF	1244				
6	Homewrap Fastener	Stapled fastener (200/pkt)	PKT	4.7				
7	Furring Strip		PCS	155.5				
8	Furring Strip Fastener	Self-drilling screws(100/pkt)	PKT	12.44				
9	Wall Paint		SF	1244				
10	Stone Copping	Masonry stone	SF	0				
11	Stone Veneer	Masonry stone	SF	0				
12	Mortar for Stone Veneer		SF	0				
13	Wall Insulation		SF	4120				



			WALLS: INTERIOR 01			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total
	BATHROOM 1			SF	78	
1	Cementitious Backer Board			SF	392	
2	Kerdi membrane			SF	392	
3	Kerdi membrane Fastener			SF	392	
4	Wall Ceramic Tile			SF	392	
	BATHROOM 2			SF	46	
5	Cementitious Backer Board			SF	214	
6	Kerdi membrane			SF	214	
7	Kerdi membrane Fastener			SF	214	
8	Wall Ceramic Tile			SF	214	
	PRIMARY SUITE			SF	172	
9	Drywall Board			SF	344	
10	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.44	
11	Wall Paint			SF	344	
12	Drywall Tape			FT	64.5	



			WALLS: INTERIOR 02			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total
	BEDROOM 2			SF	131	
13	Drywall Board			SF	271	
14	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.71	
15	Wall Paint			SF	271	
16	Drywall Tape			FT	50.8	
	BEDROOM 3			SF	126	
17	Drywall Board			SF	391	
18	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.91	
19	Wall Paint			SF	391	
20	Drywall Tape			FT	73.4	
	CLOSET 2			SF	16	
21	Drywall Board			SF	112	
22	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.12	
23	Wall Paint			SF	112	
24	Drywall Tape			FT	21.0	



			WALLS: INTERIOR 03			
:	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	CLOSET 3			SF	16	
25	Drywall Board			SF	124	
!6	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.24	
!7	Wall Paint			SF	124	
!8	Drywall Tape			FT	23.3	
	KITCHEN			SF	116	
29	Cementitious Backer Board			SF	29	
30	Drywall Board			SF	216	
31	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.16	
32	Kerdi membrane			SF	29	
33	Kerdi membrane Fastener			SF	29	
34	Wall Ceramic Tile			SF	29	
15	Wall Paint			SF	216	
36	Drywall Tape			FT	40.8	
					10.0	



			WALLS: INTERIOR 04			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	LIVING ROOM			SF	271	
37	Drywall Board			SF	405	
38	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	4.05	
39	Wall Paint			SF	405	
40	Drywall Tape			FT	75.9	
	WD			SF	160	
41	Cementitious Backer Board			SF	160	
42	Kerdi membrane			SF	160	
43	Kerdi membrane Fastener			SF	160	
44	Wall Ceramic Tile			SF	160	
	WH			SF	7	
45	Drywall Board			SF	69	
46	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.69	
47	Wall Paint			SF	69	
48	Drywall Tape			FT	12.9	



			WALLS: INTERIOR 05			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	WIC			SF	24	
49	Drywall Board			SF	172	
50	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.7	
51	Wall Paint			SF	172	
52	Drywall Tape			FT	32.45283019	
	FAU			SF	9	
53	Cementitious Backer Board			SF	70.0	
54	Kerdi membrane			SF	70	
55	Kerdi membrane Fastener			SF	70.0	
56	Wall Ceramic Tile			SF	70	
	Wall Skirting	Ceramic		FT	198.9	



			DOORS			
	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	Interior Swinging	3' - 0" X 6'-8"		PCS	2	
	Interior Swinging	2' - 6" X 6'-8"		PCS	4	
	Exterior Door With Sidelight	6' - 5" X 7'-0"		PCS	1	
	Interior Sliding	6' - 0" X 6'-8"		PCS	1	
	Interior Sliding	5' - 0" X 6'-8"		PCS	1	
	Patio Sliding	5' - 0" X 6'-8"		PCS	2	
	Bifold Door	4' - 8" X 6'-8"		PCS	1	
	Pocket Door	2' - 4" X 6'-8"		PCS	1	
	Interior Swinging	2' - 0" X 6'-8"		PCS	1	
0	Exterior Door Trim			FT	57.1	
1	Interior Door Trim			FT	428.48	
2	Entry Lock set			PCS	3	
	Privacy Lock set			PCS	6	
	Passage Lock set			PCS	5	



	WINDOWS							
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total		
1	Sliding	3' - 3" X 2'-3"		PCS	2			
2	Hung	2' - 9" X 3'-3"		PCS	6			
3	Sliding	2' - 9" X 3'-3"		PCS	8			
4	Casement	2' - 3" X 3'-3"		PCS	2			
5	Sliding	6' - 3" X 3'-3"		PCS	1			
6	Hung	3' - 3" X 3'-3"		PCS	1			
7	Exterior Window Trim			FT	248			
8	Interior Window Trim			FT	248			



	ROOF 01							
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total		
1	Roof Covering			SF	1411.0			
2	Roof Covering Fastener			PCS	706			
3	Roof Felt Paper			SF	1411.0			
4	Roof Felt Paper Fastener			PCS	4233.0			
5	Roof Sheathing			SF	1411.0			
6	Roof Sheathing Fastener			PCS	11288			
7	Batten			FT	0.0			
8	Batten Fastener			PCS	0.0			
9	Soffit			SF	148.0			
10	Soffit Fastener			PCS	74.0			
11	Fascia			FT	181.0			
12	Fascia board fastener			PCS	91			
13	Roof Insulation			SF	1411.0			
14								
15								