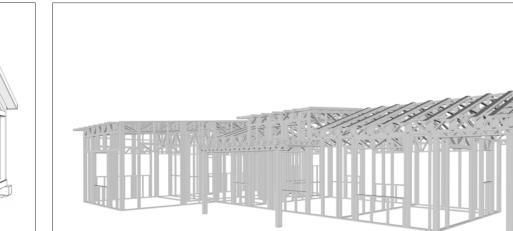


# YOKE

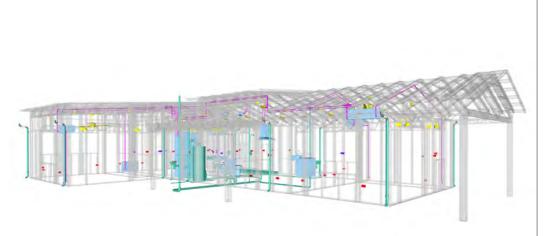
The Yoke is a charming farmhouse-style 3 bedroom 2 bathroom home designed for efficient and comfortable living. Its exterior features a classic white siding with a contrasting dark gray roof, creating a timeless and inviting aesthetic. The covered front porch, supported by simple beam and slender columns, provides a shaded outdoor space and enhances the home's curb appeal. Inside, a simple L-shape layout of the plan seamlessly integrates the living and kitchen areas. And a private sleeping quarters on both ends of the home, maximizing space and sense of openness while maintaining privacy. This home offers a perfect blend of style and functionality for those



# 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



# to o thinhin in o ch BEDROOM 1 140 SF PLAN 985SF

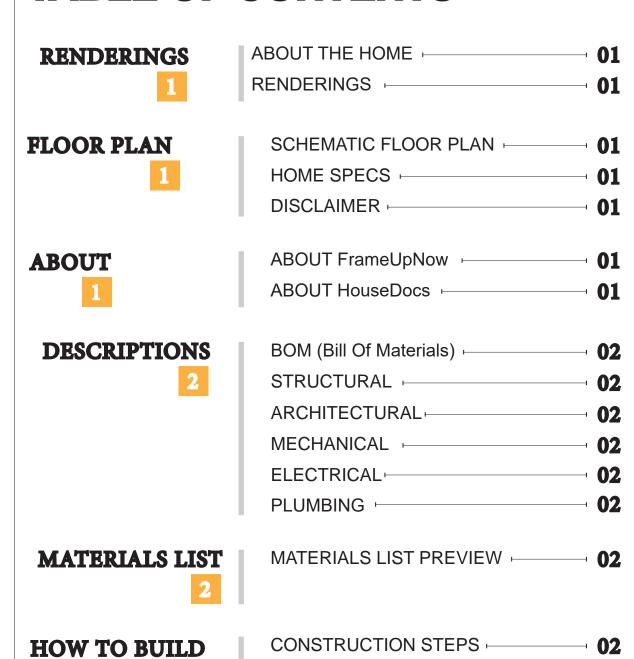
# **FLOOR PLAN**

999 SF

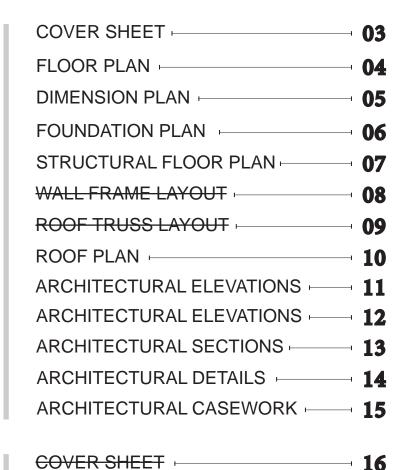
3 Bed Rooms



# **TABLE OF CONTENTS**



**ARCHITECTURAL** 



STRUCTURAL

**MATERIALS** 

**SHOPPING LIST** 

_	WALL FRAME LAYOUT -	18
	WALL PANEL & LAYOUT PLAN	19
	ROOF TRUSS LAYOUT	20
	STRUCTURAL SECTIONS	21
	WALL BRACING LAYOUT	22
	HOLD-DOWN PLAN	23
	STRUCTURAL DETAILS 1	24
	STRUCTURAL DETAILS 2	25
	STRUCTURAL DETAILS 3	26
	TRUSS BLOCKING LAYOUT	27
	SHEETROCK BACKING -	28
	ROOF BRACING LAYOUT	29
MECHANICAL	COVER SHEET -	· 30
30	HVAC PLAN -	31
BLECTRICAL	SCHEDULE -	· 32
<b>32</b>	LIGHTING -	33
	POWER PLAN	· 34
	DIMENSION FOR LIGHTING -	35
	DIMENSION FOR FITTING -	· 36
PLUMBING	NOTES AND SCHEDULES -	· 37
<b>37</b>	WATER SUPPLY & SEWAGE SYSTEM	· 38

MATERIALS SHOPPING LIST

**GENERAL NOTES** 

# **ABOUT**



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

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

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



**KEY PLAN** 

NO.	DESCRIPTION	DATE
-		

NOTE:

LEGEND:

PROJECT

41-Yoke-999-3Bd2Ba-Farmhouse-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** 

# 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 electrical package includes all the plans and documentation needed to guide the installation of your home's electrical system:

Detailed Power Plan: Precisely maps out the placement of outlets, switches, and other power components throughout the layout.

Comprehensive Lighting Plan: Shows the optimal locations for lighting fixtures, sconces, and other illumination sources to create a well-lit, functional interior.

Dimensioned Electrical Layout: Provides exact dimensions and measurements to ensure proper placement of all electrical elements.

Bill of Materials: A complete list of every component needed, from circuit breakers to wiring.

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 proper drainage.

Detailed Riser Diagrams: Provide information needed to properly

# **PLUMBING**

installation of your home's water supply and drainage systems:

install all vertical plumbing risers and vent stacks.

Bill of Materials: A complete list of every component needed, from pipes to fixtures.

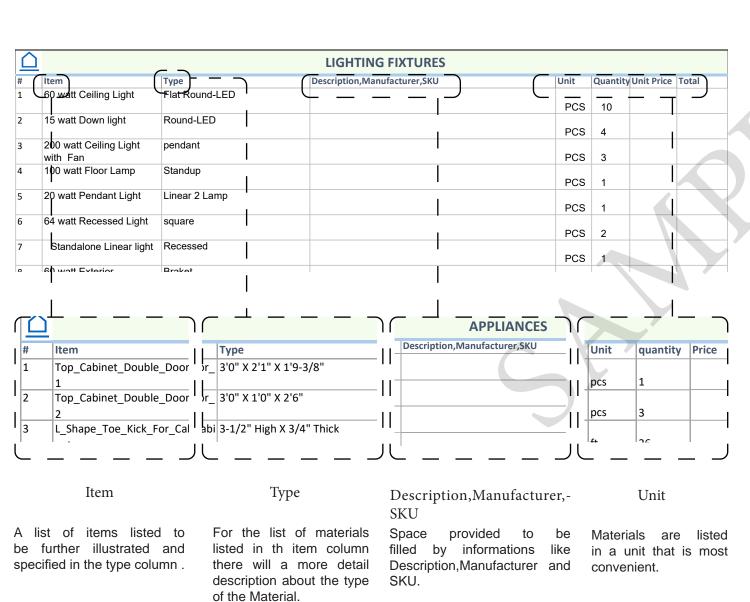
# BOM (Bill Of Materials) (Separately Attached)

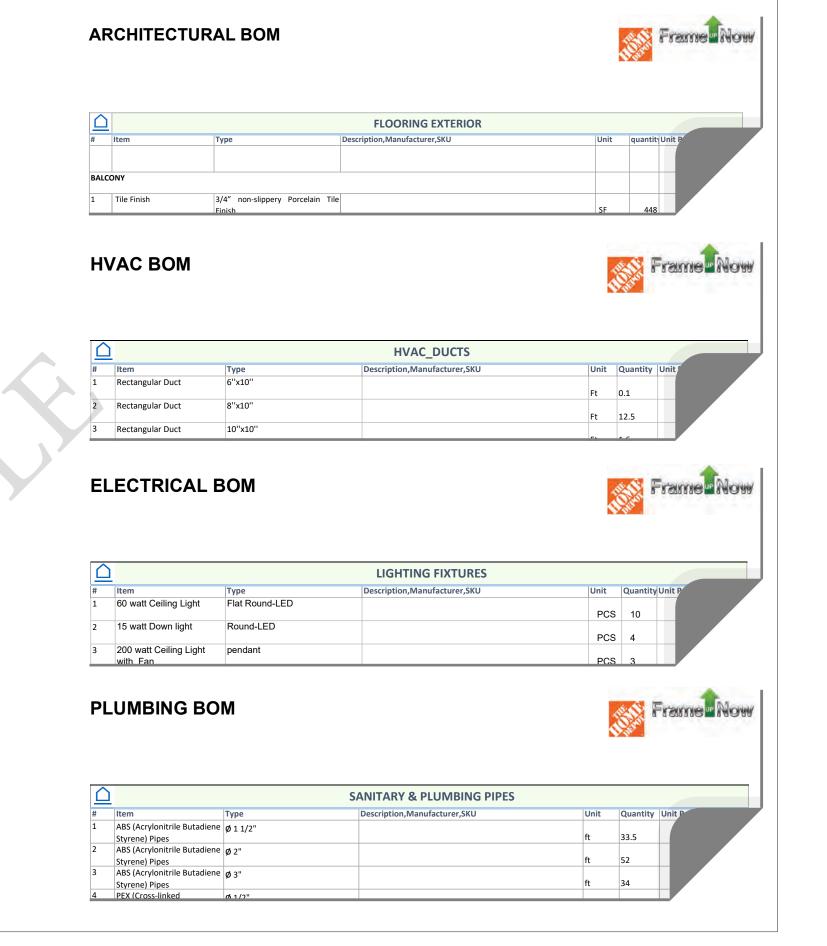


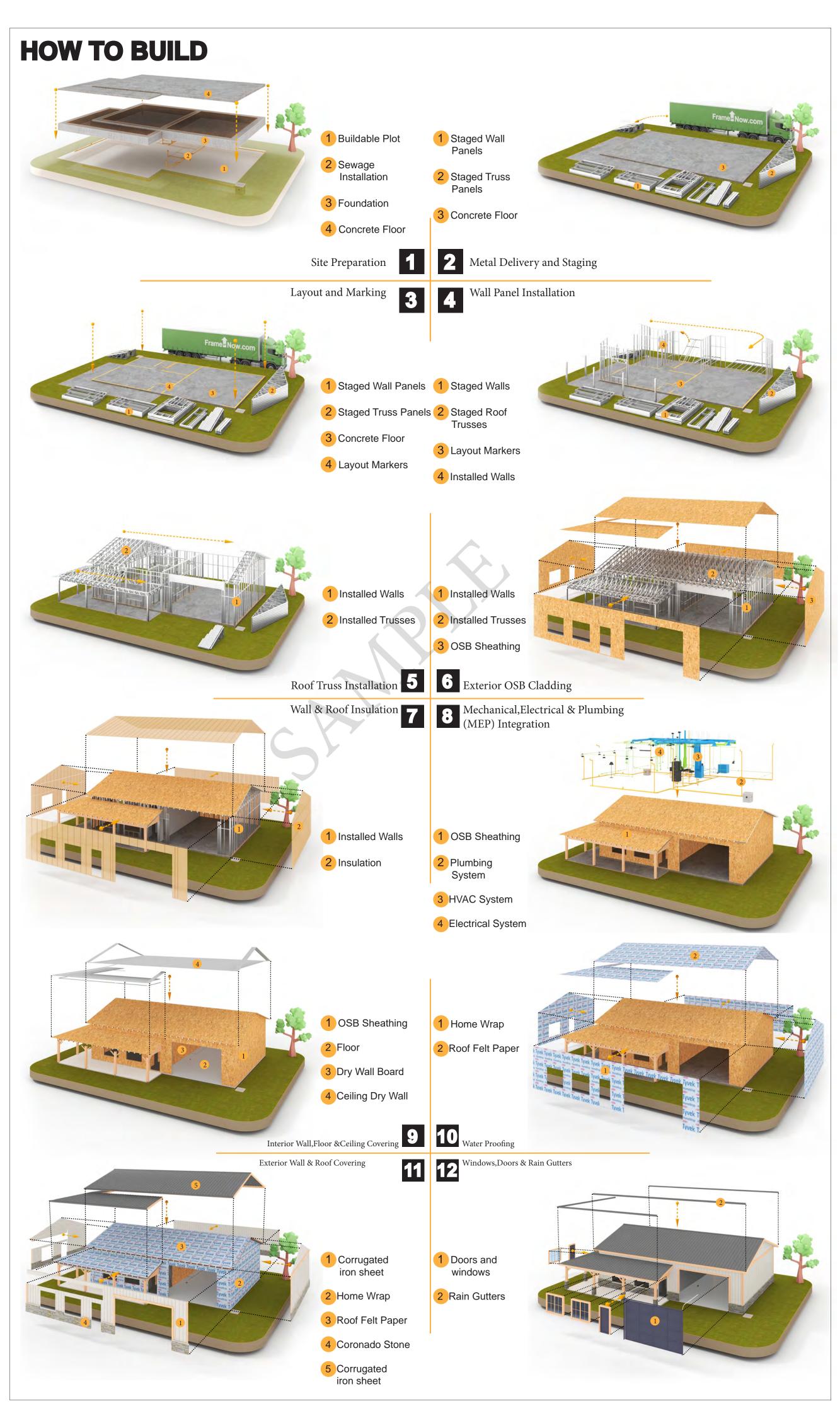
The Bill of Materials (BOM) is a crucial document that compiles the material requirements from different disciplines into a centralized inventory, enabling efficient procurement, inventory management, and cost estimation for a specified project or

**ELECTRICAL BOM** 











**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

41-Yoke-999-3Bd2Ba-Farmhouse-550

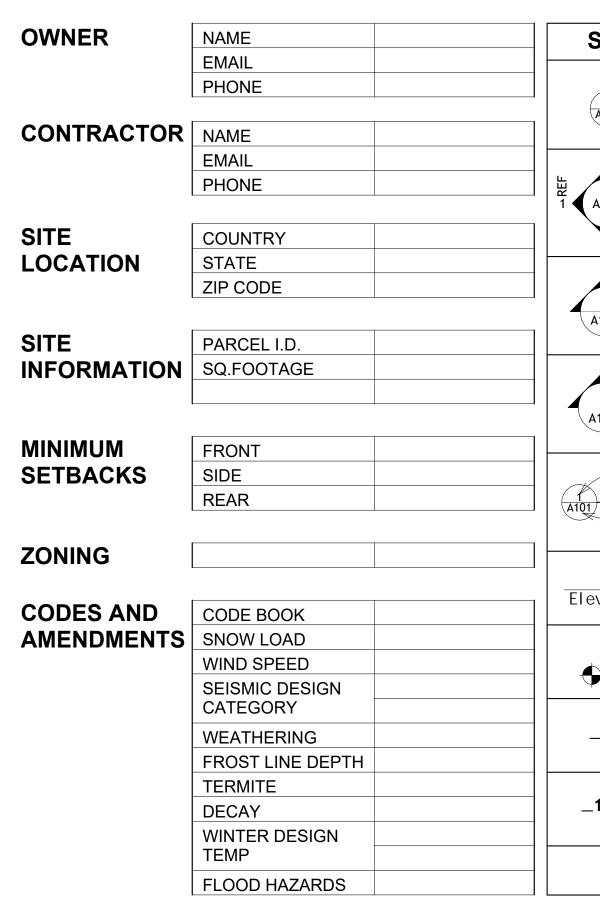
**DRAWING NAME** 

# INTRODUCTION

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

1102

SCALE:



LINE LEGEND

DOOR OPENING DIRECTION

ROOM SEPARATOR

HIDDEN LINE

OVER HEAD

SYMBOLS	SYMBOLS NAME		PAGE INDEX
		G101	COVER SHEET
VIEW NUMBER		A101	FLOOR PLAN
A101	CALLOUT HEAD	A102	DIMENSION PLAN
SHEET NUMBER		S101	FOUNDATION PLAN
1 REF		S102	STRUCTURAL FLOOR PLAN
M NUMBER	R INTERIOR ELEVATION	S103	FRAME LAYOUT
A101 1	INTERNOTCEEL VALUE IN	S104	ROOF TRUSS LAYOUT
SHEET 1 REF NUMBER		A103	ROOF PLAN
1 REF NUMBER  REF VIEW		A201	ELEVATIONS
NUMBER		A202	ELEVATIONS
1 0101	BUILDING ELEVATION	A301	SECTIONS
SHEET   NUMBER		A401	DETAILS
VIEW		A402	CASEWORK DETAILS
NUMBER	0.5051011	A403	CASEWORK DETAILS
101	SECTION	E101	SCHEDULE
SHEET   NUMBER		E102	LIGHTING PLAN
VIEW		E103	POWER PLAN
NUMBER_	DETAIL VIEW	E104	DIMENSION PLAN FOR LIGHT FIXTURE
OUEET		E105	DIMENSION PLAN FOR FITTING
SHEET NUMBER		P101	COVER SHEET
		P102	WATER SUPPLY SYSTEM
Name evation	ELEVATION LEVEL	P103	SEWAGE SYSTEM
		P104	RISER DIAGRAM
=: 00=		M101	HVAC PLAN
FLOOR LEVEL	SPOT ELEVATION	M102	HVAC SECTION
<b>0</b> '-2"	S. O. LLLVIIION	M103	RISER DIAGRAM
FLOOD			

FLOOR SLOPE

**ROOF SLOPE** 

CALL OUT BOUNDRY — — — — — —

ROOF SLOPE ELEVATION

SLOPE

ROOF SLOPE

SLOPE

LEVEL

GROUND CUT

DIRECTION

1	1	1 OLI VIII TIL OI ILOI (IDL
HVAC PLAN	REF	REFERENCE
HVAC SECTION	RG	RIGHT GARAGE
RISER DIAGRAM	SE	SPECIAL EQUIPMENT
	SF	SQUARE FEET
	SIMP. STHD8	SIMPSON STRAP THE
TAG'S NAME		HOLDDOWN
OA OF MORK TAO	SIMP. ABE66	SIMPSON ANCHOR BOLT ED
CASEWORK TAG	TV	TELEVISION
DOOR TAG	UNO	UNLESS NOTED OTHERWIS
FUDAUTURE TAG	W/	WITH
FURNITURE TAG	W/D	WASHER/DRYER
WINDOW TAG	AC	AIR CONDITIONING UNIT
SPECIALTY EQUIPMENT TAG	ACC	AIR COOLED CONDENSER
MECHANICAL EQUIPMENT TAG	ACCU	AIR COOLED CONDSENSING UN
MECHANICAL EQUIPMENT TAG	AHU	AIR HANDLING UNIT
PLUMBING EQUIPMENT TAG	CC	COOLING COIL
	CD	CEILING DIFFUSER
	CFm	Cubic Feet Per Minute
	CR	CEILING REGISTER
	CU	CONDENSING UNIT
	CW	COLD WATER
	E/A	EXHAUST AIR
	EF	EXHAUST FAN
	ET	EXPANSION TANK
	1	

EX.

**ABBREVIATION** 

CASEWORK

ELECTRICAL

FOOTINGS

MAXIMUM

MINIMUM

NUMBER

ON CENTER

**PLUMBING** 

EXISTING

FLOOR

FAN COIL UNIT

**HEATING COIL** 

**INLET VANES** 

**RETURN AIR** 

**RETURN FAN** SUPPLY AIR

STATIC PRESSURE

MAXIMUM

MINIMUM

MECHANICAL ROOM

FLEXIBLE CONNECTION

POLYVINYL CHLORIDE

**MECHANICAL** 

AFS

F.F.E

F.F.L

FTG

MAX.

NO.

O.C

OSB

PSI

PVC

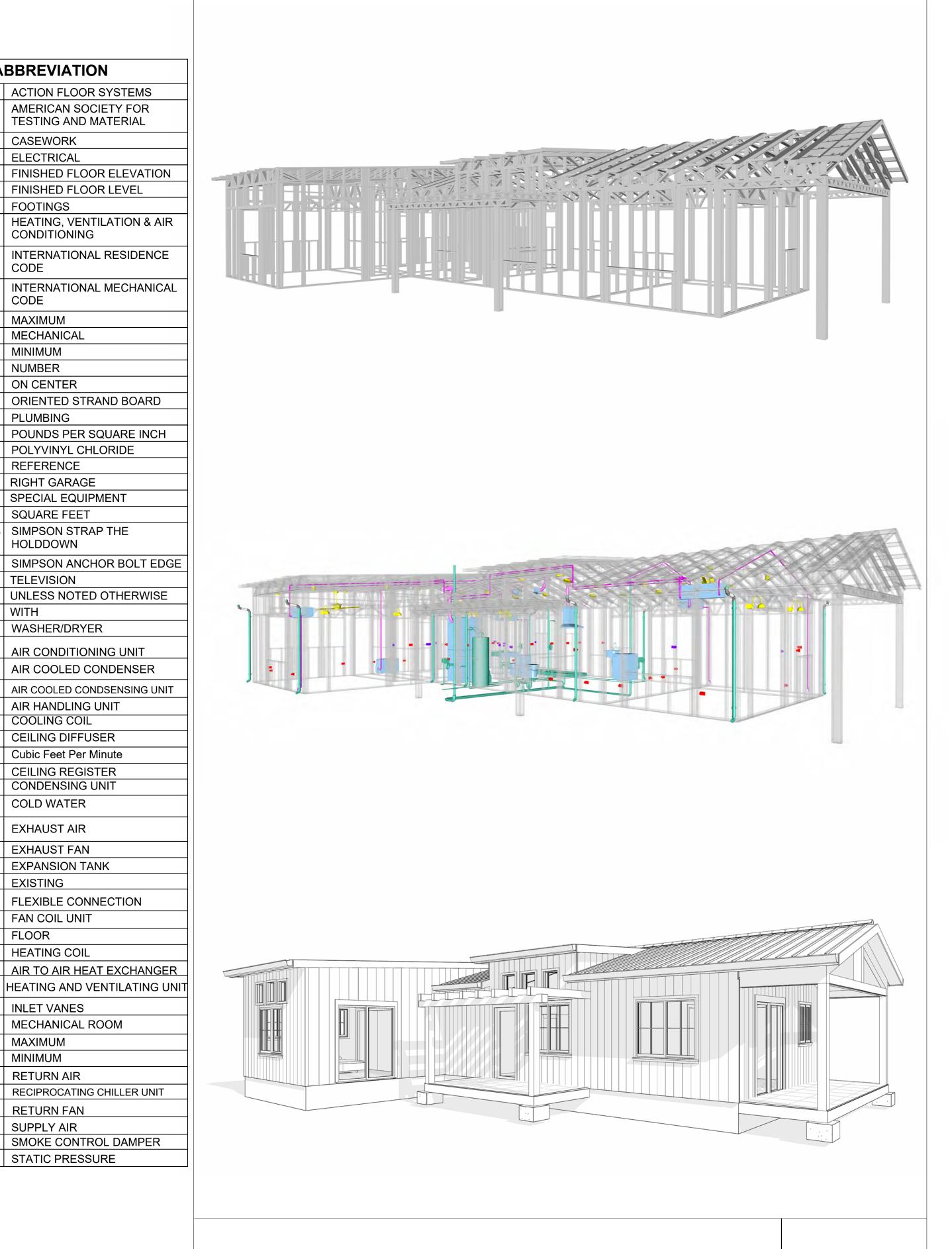
HVAC

**ACTION FLOOR SYSTEMS** 

AMERICAN SOCIETY FOR **TESTING AND MATERIAL** 

FINISHED FLOOR LEVEL

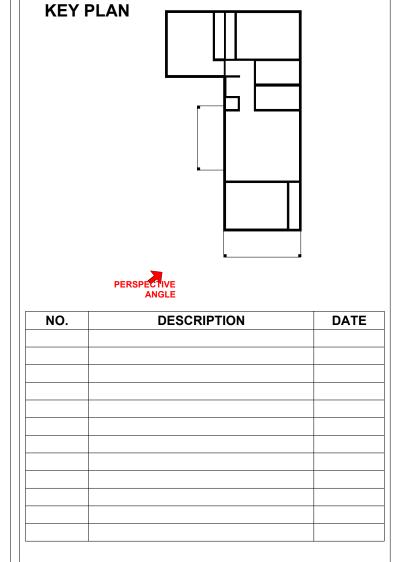




41-Yoke-999-3Bd/2Ba-Farmhouse-550

SQUARE FOOT	AGE
LIVING	985
PORCH	179
TOTAL	1164





LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

**COVER SHEET** 

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:37 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

G101

# **GENERAL NOTES**

- 1. THIS DRAWING DEPICTS THE ARCHITECTURAL (SPACE LAYOUT, FURNISHING, FLOOR, WALLS, ROOFS, FOUNDATION, WINDOWS AND DOORS) SYSTEMS. IT PROVIDES A VISUAL REPRESENTATION OF THE ARCHITECTURAL LAYOUT AND COMPONENTS.
- THE ARCHITECTURAL DRAWINGS ARE PREPARED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
- 3. THE CONSTRUCTION OF THIS HOME SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL RESIDENTIAL CODE (IRC), INTERNATIONAL MECHANICAL CODE (IMC), THE INTERNATIONAL PLUMBING STANDARD, THE NATIONAL ELECTRICAL STANDARD AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
- 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.

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

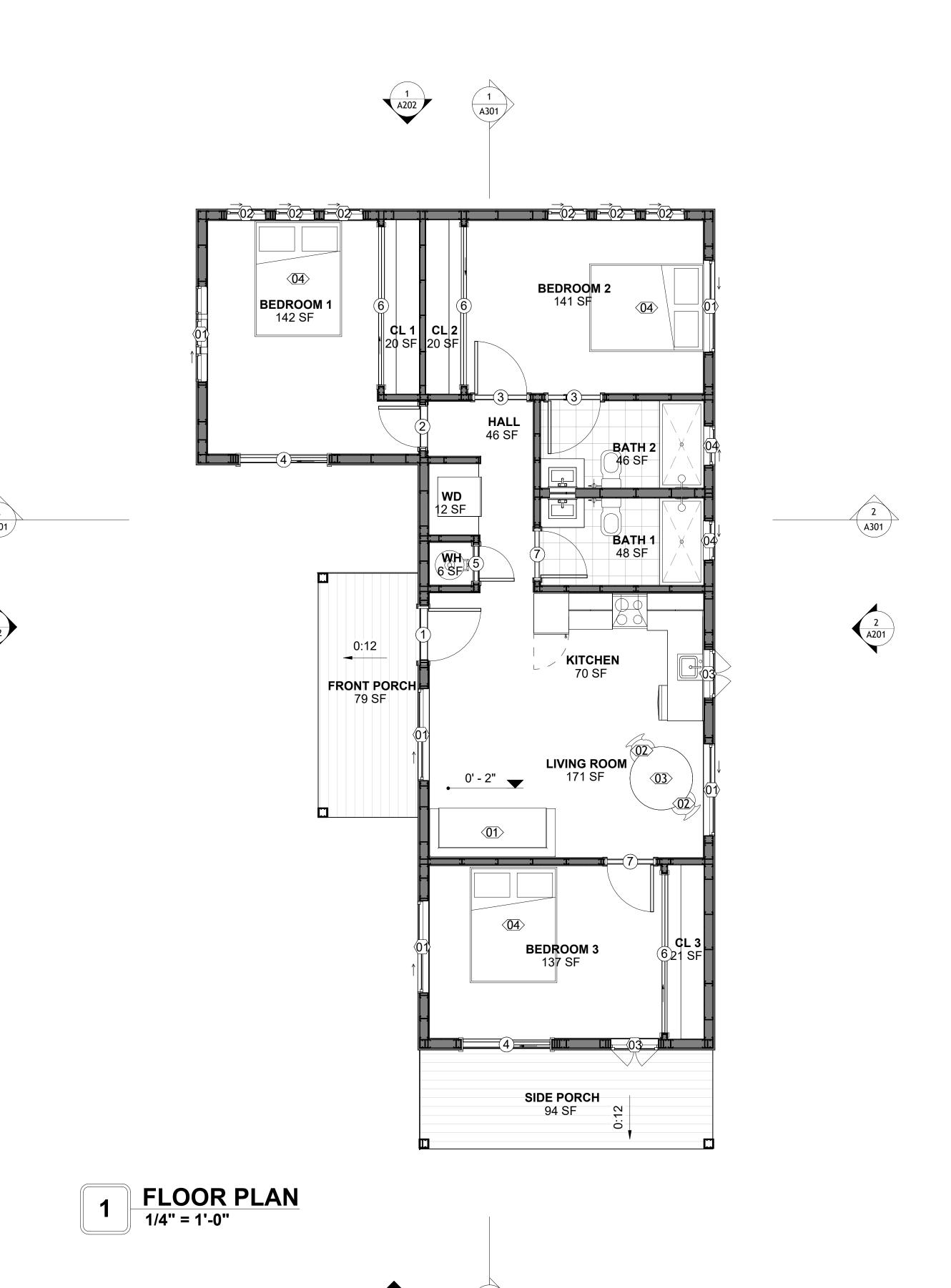
REFER TO SHEETS A201 & A202 FOR GENERAL NOTES ON EXTERNAL FINISHING MATERIALS

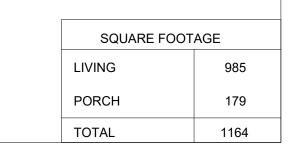
#### **ABOUT FLOORS:**

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

	FURNITURE SCHEDULE		
TYPE MARK	TYPE	COUNT	
01	THREE SEAT SOFA	1	
02	DINING CHAIR	2	
03	Coffe Table	1	
04	Queen 60" x 79"	3	

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







**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

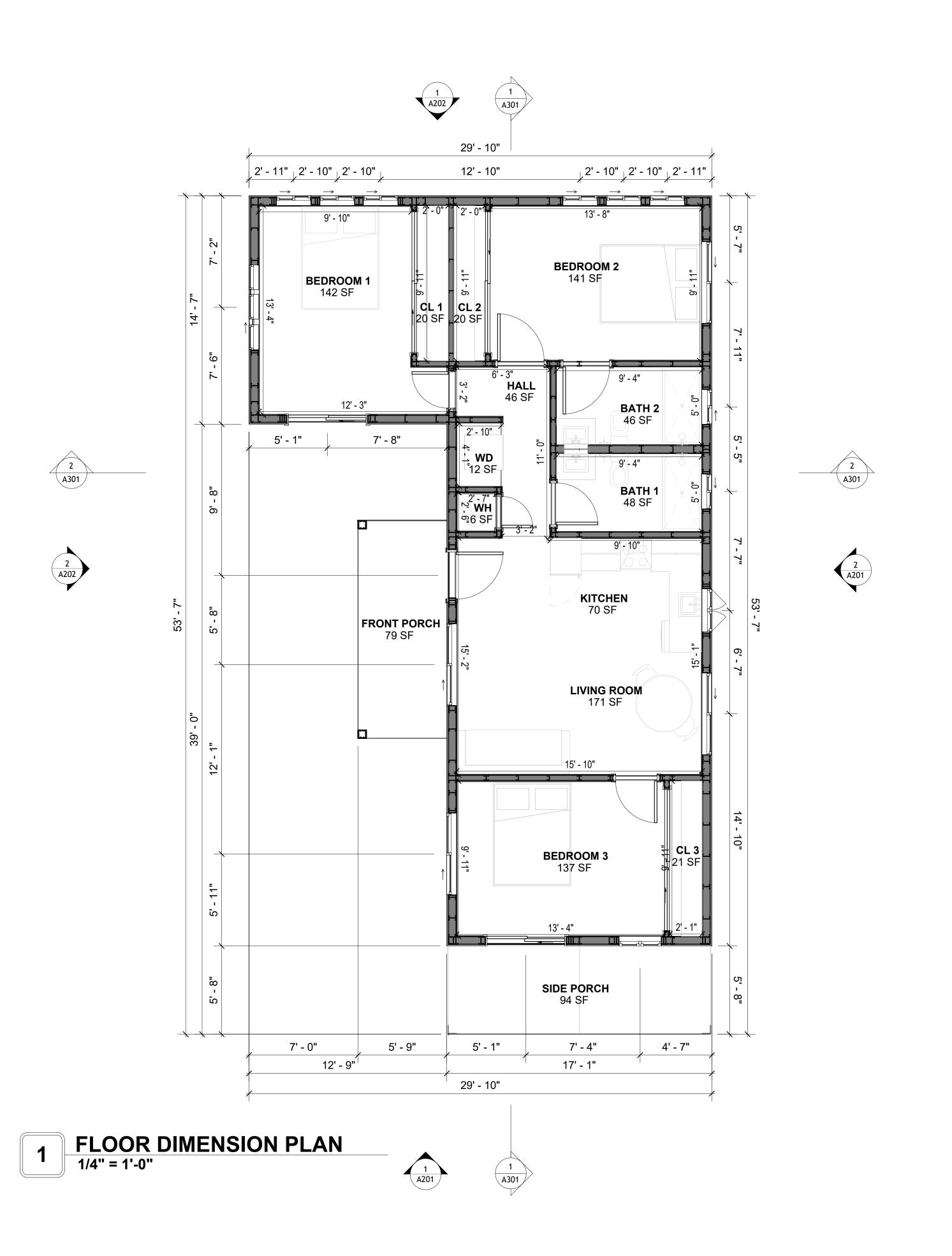
DRAWING NAME

**FLOOR PLAN** 

Client Name
0061_12
2/11/2025 8:49:38 AM
Designer
Author
Checker

A101

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





**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

DIMENSION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:40 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A102

SQUARE FOOTAGE

LIVING 985

PORCH 179

TOTAL 1164

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

# **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 ARE

R-10 RIGID INSULATION OUTSIDE OF EXTERIOR FOUNDATION WALLS UNDER LIVING AREA.
 CONCRETE PAD FOR CONDENSER THICKNESS IS 4" MIN UNLESS OTHERWISE NOTED.

#### 3. CONCRETE CONSTRUCTION:

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

# 4. REINFORCEMENT:

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

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

SHRINK. IF IT GETS WET, IT WILL HEAVE UPWARD.

3. SLABS ON THE SHORTER SIDE USES MAIN BARS ARE USED IN THIS DIRECTION ONLY WITH SMALLER DIAMETER DISTRIBUTION BARS ARE PLACED, FORMING A MAT OR GRID.

- ALL REINFORCEMENT BARS SIZE 10MM OR LARGER IN ACCORDANCE TO ASTM
   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

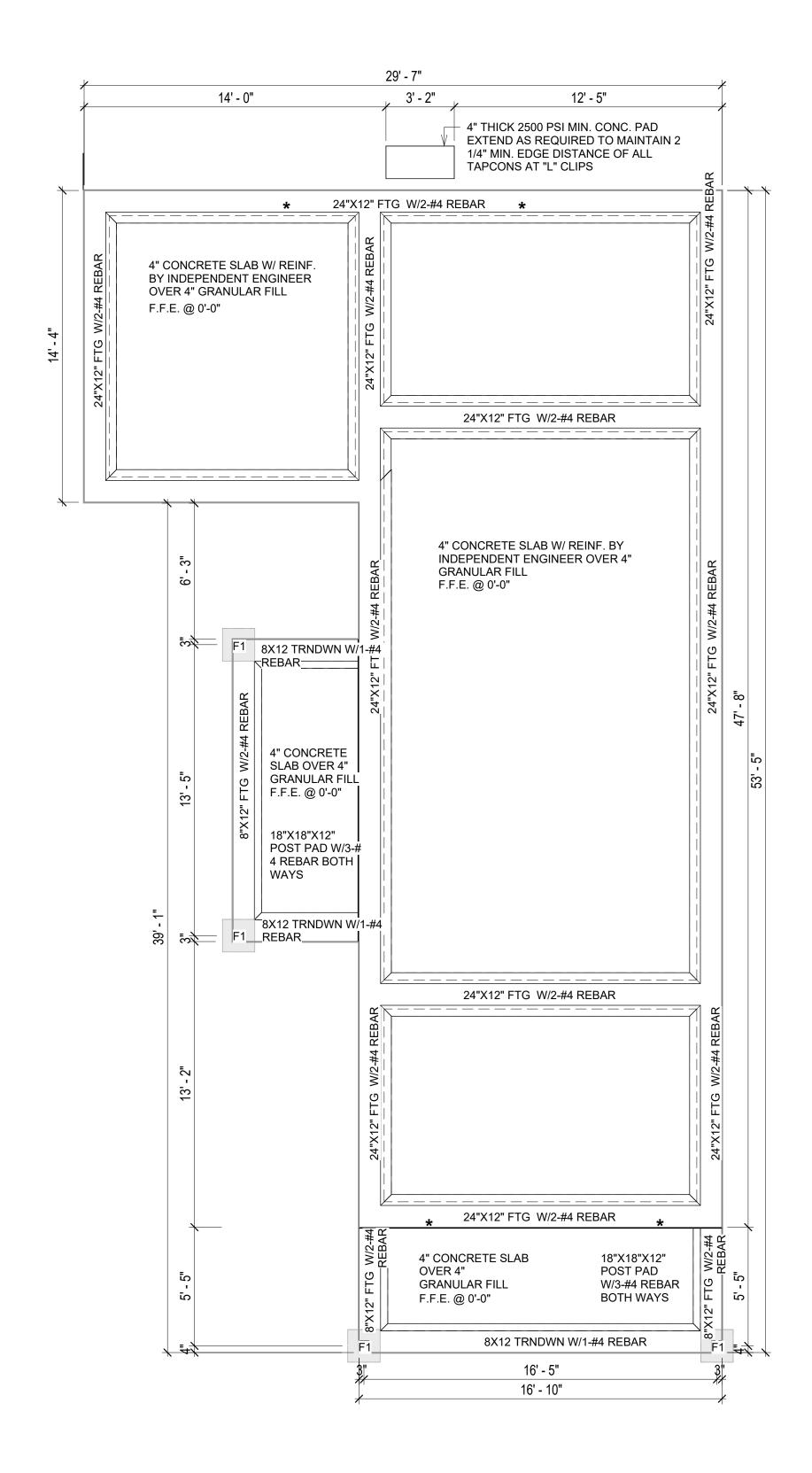
SPACING.
6. EXTERIOR CONCRETE SLABS WHICH ARE NOT PART OF THE MAIN SLAB SHALL BE MINIMUM 4 INCHES THICK WITH NO STEEL REINFORCING BARS REQUIRED, UNLESS NOTED

# OTHERWISE ON FOUNDATION PLAN.

**VERIFY THE FOLLOWING PRIOR TO POURING:** 

- 1. ALL HOLDDOWNS , STRAP, AND POST LOCATIONS.
- 2. CONCRETE FINISHES. PANEL RISER LOCATIONS.
- 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	985
PORCH	179
TOTAL	1164



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

FOUNDATION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:40 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

**S101** 

SCALE: 1/4" = 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**:

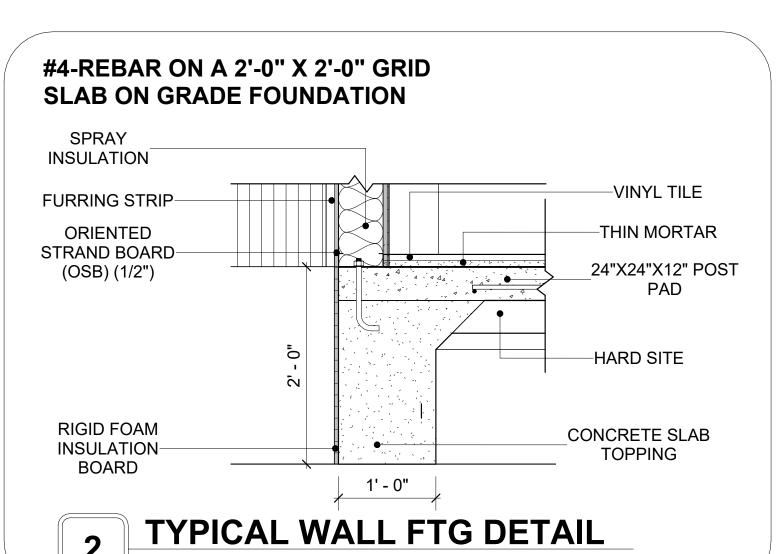
 ALL REINFORCING SLABS BARS SIZE 10MM OR LARGER SHALL BE DEFORMED IN ACCORDANCE TO ASTM-A706, AND BARS SMALLER THAN 10 MM MAYBE PLAIN.
 UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

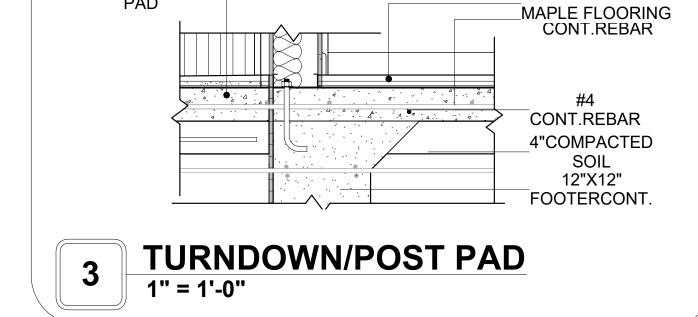
> A) FOOTING = 40,000 PSI B) NON-LOAD BEARING WALLS AND PARAPETS= 40,000 PSI

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

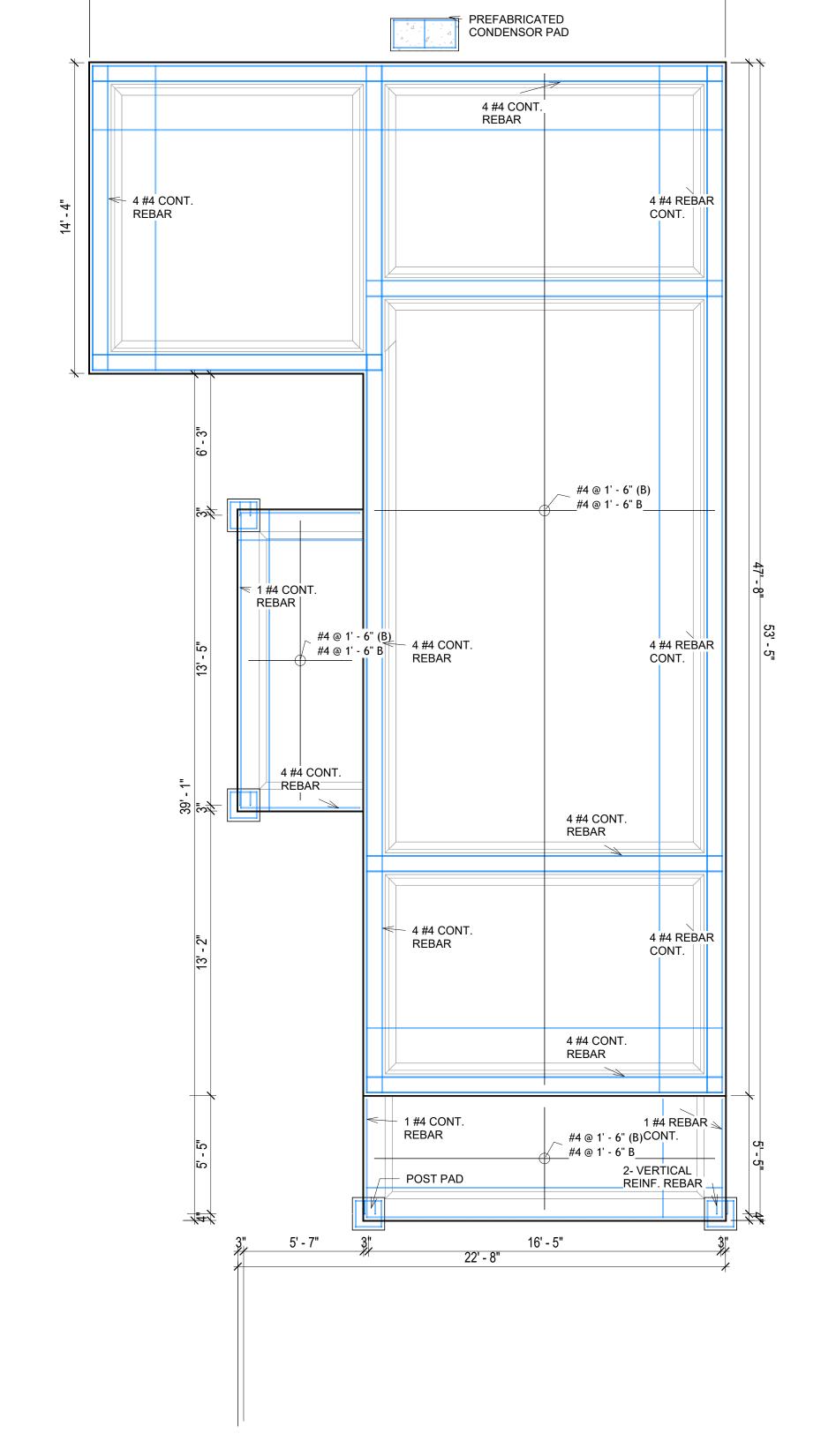
- THIS IS A SCHEMATIC PLAN FOR THE PURPOSE OF LOCATING AND IDENTIFYING FOUNDATION REINFORCING ELEMENTS ONLY. VERIFY ALL DIMENSIONS, DROPS, OFFSETS AND FEATURES WITH THE ARCHITECTURAL PLANS BEFORE FORMING THE FOUNDATION.





WOOD - AFS -

24"X24"X12" POST



29' - 7"

29' - 7"

1 FOUNDATION REBAR PLAN
1/4" = 1'-0"



**KEY PLAN** 

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

STRUCTURAL FLOOR PLAN

CLIENT NAME:

PROJECT NUMBER:

0061\_12

DATE:

2/11/2025 8:49:41 AM

DESIGNED BY:

DRAWN BY:

CHECKED BY:

Checker

**S102** 

# **ROOF NOTES**

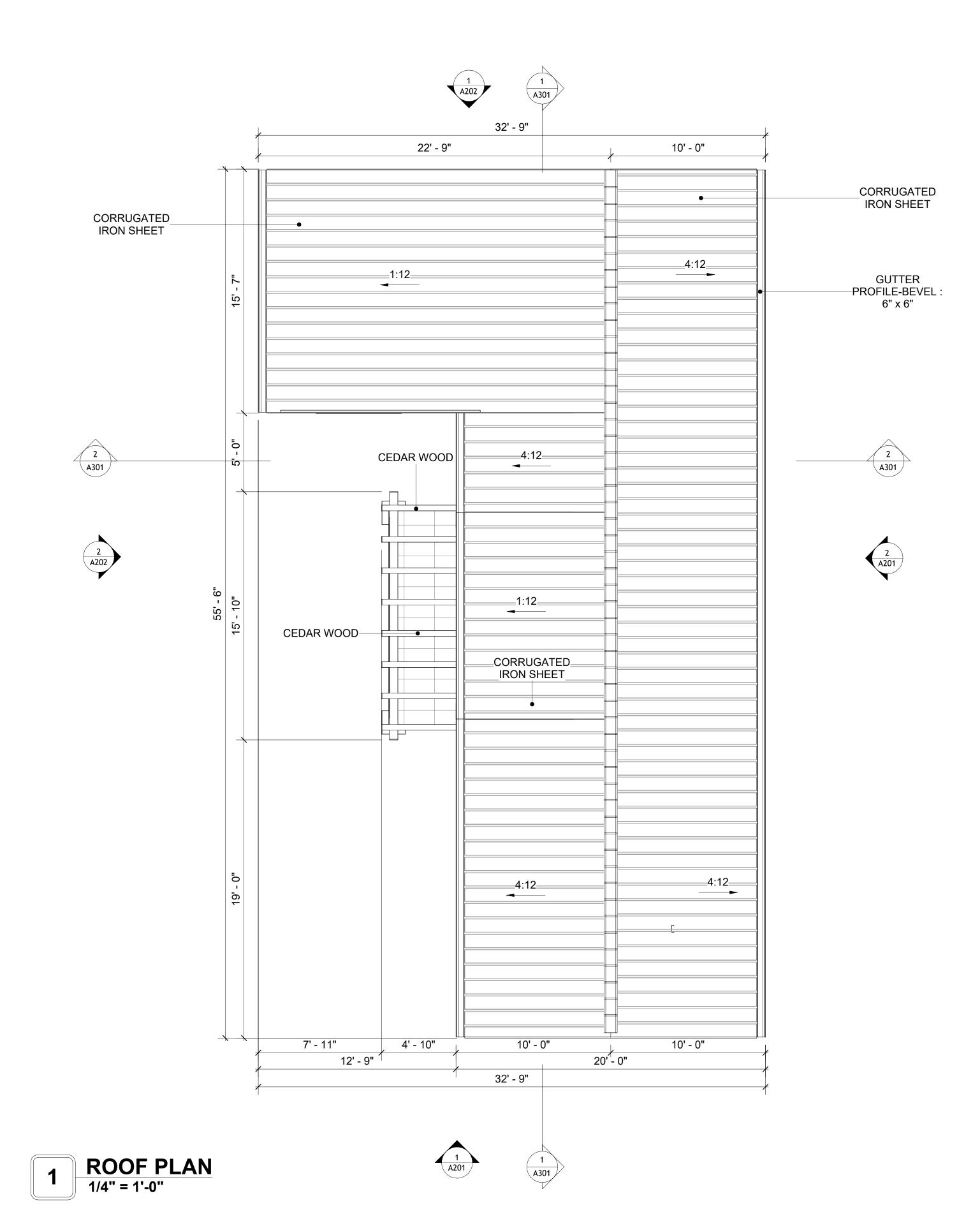
- 1. ROOFING COMPOSITION ROOFING PER OWNERS/BUILDERS SPECIFICATIONS INSTALL PER MANUFACTURE SPECIFICATIONS ON 1/2" ORIENTED STRAND BOARD ON PRE-ENGINEERED TRUSS @ 24" O.C. (UNO.)
- 73" OVERHANG AT EAVES (UNO.)
   ENDS OF ALL TRUSSES AND JOISTS TO BE FULLY BLOCKED. PROVIDE SOLID
- BLOCKING AT ALL RIDGES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





**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

ROOF PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:45 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

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

SQUARE FOOTAGE

PORCH

TOTAL

985

179

1164

# **ABOUT WALL FINISHING**

#### **CORRUGATED IRON SHEET**

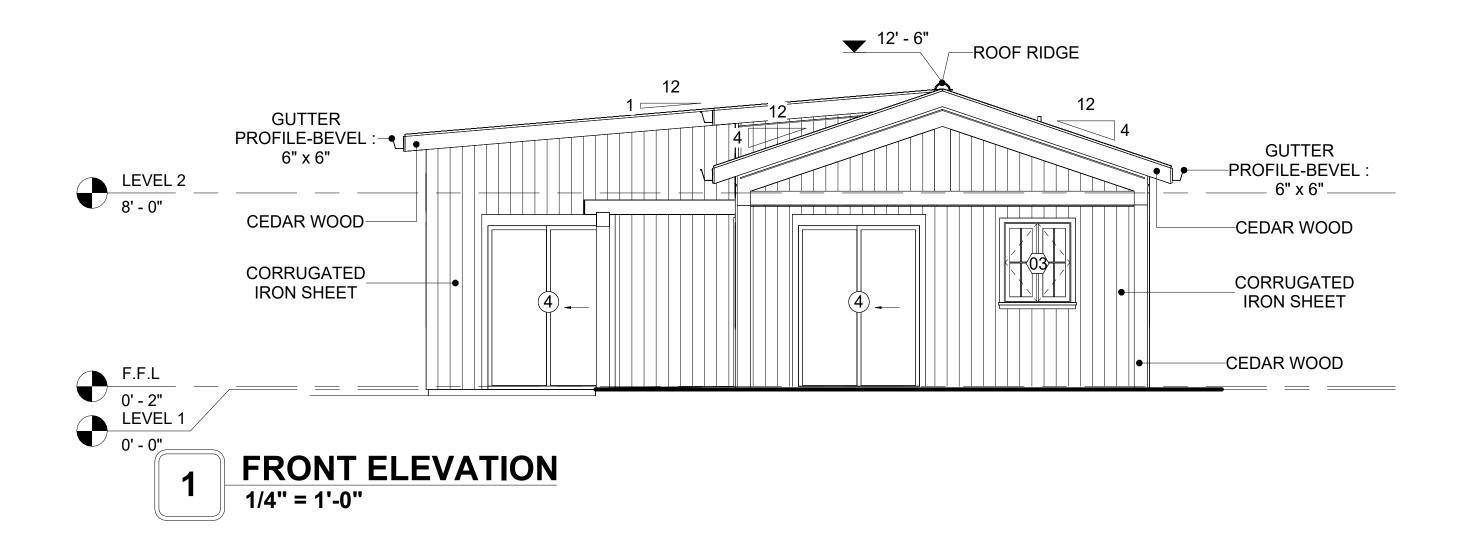
CORRUGATED IRON IS A FINISHING MATERIAL MADE FROM STEEL THAT HAS BEEN GALVANIZED (COATED WITH A THIN LAYER OF ZINC) TO PROTECT IT FROM CORROSION AND RUST.

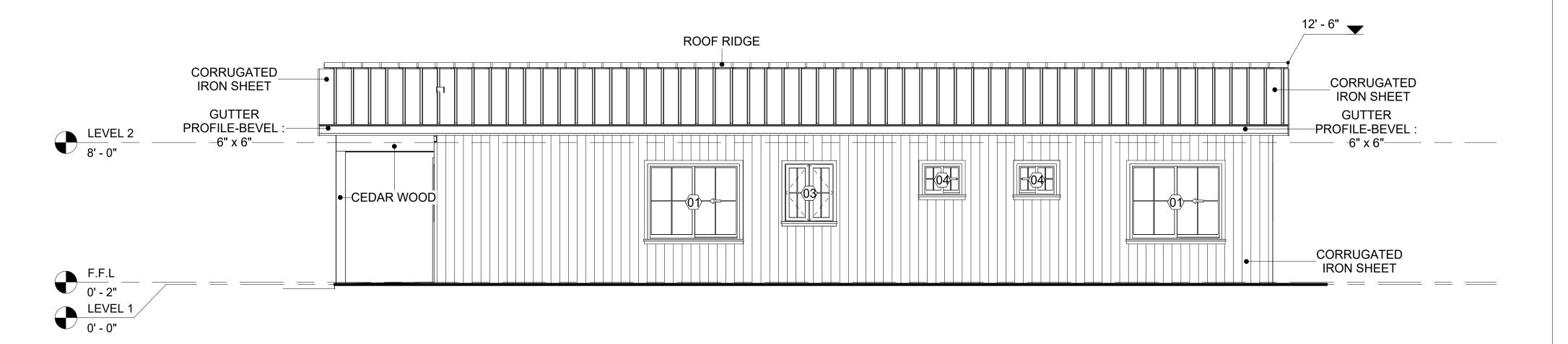
IN THIS SPECIFIC PROJECT, THE CORRUGATED IRON SHEETS ARE INSTALLED VERTICAL ON HORIZONTALLY FURRING STRIPS THAT ARE DIRECTLY ATTACHED ONTO THE PROPERLY INSTALLED AND SEALED HOME WRAP, USING SELF-DRILLING SCREWS THAT ARE DRIVEN THROUGH THE RIDGES OR VALLEYS OF THE CORRUGATIONS.

#### **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 A FINISH MATERIAL ON BEAMS AND COLUMNS.





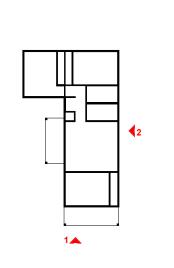
2 RIGHT SIDE ELEVATION
1/4" = 1'-0"

DOOR SCHEDULE						
TYPE					SIZE	
MAR K	SUPPLIER	DOOR TYPE	LOCATIO N	WIDTH	HEIGHT	COUNT
				I		
1	HOME DEPOT	Exterior Single Panel Swinging	Interior	3' - 0"	6' - 8"	1
2	HOME DEPOT	Interior Single Panel Swinging	Interior	2' - 4"	6' - 8"	1
3	HOME DEPOT	Interior Single Panel Swinging	Interior	3' - 0"	6' - 8"	2
4	HOME DEPOT	Patio_Double Panel_Sliding	Exterior	5' - 0"	6' - 8"	2
5	HOME DEPOT	Interior Single Panel Swinging	Interior	2' - 0"	6' - 8"	1
6	HOME DEPOT	Interior Double Panel Sliding	Interior	9' - 0"	6' - 8"	3
7	HOME DEPOT	Interior Single Panel Swinging	Interior	2' - 8"	6' - 8"	2

WINDOW SCHEDULE					
TYPE MARK	SUPPLIER	WINDOW TYPE	WIDTH	HEIGHT	COUNT
				,	
01	Home Depot	Sliding	5' - 3"	4' - 3"	5
02	Home Depot	Sliding	2' - 3"	3' - 3"	6
03	Home Depot		2' - 9"	3' - 3"	2
04	Home Depot	Sliding	2' - 3"	1' - 9"	2
05	Home Depot	-	1' - 7"	1' - 7"	6



**KEY PLAN** 



NO.	DESCRIPTION	DATI

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

Client Name	CLIENT NAME:
0061_12	PROJECT NUMBER:
2/11/2025 8:49:49 AN	DATE:
Designer	DESIGNED BY:
Author	DRAWN BY:
Checker	CHECKED BY:

A201

# **ABOUT WALL FINISHING**

#### **CORRUGATED IRON SHEET**

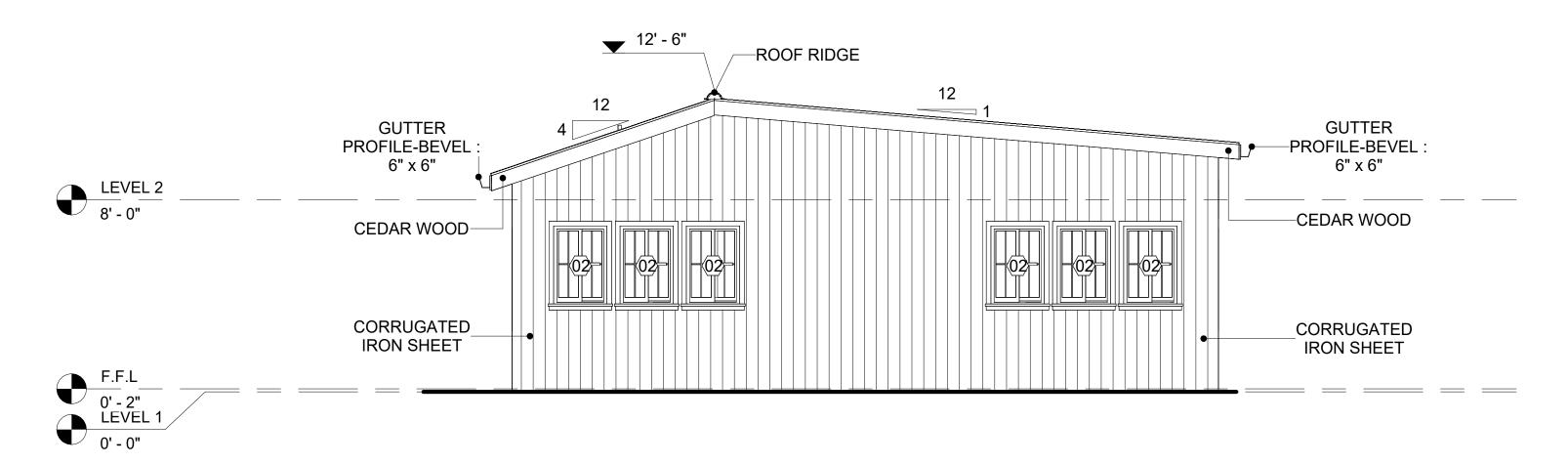
CORRUGATED IRON IS A FINISHING MATERIAL MADE FROM STEEL THAT HAS BEEN GALVANIZED (COATED WITH A THIN LAYER OF ZINC) TO PROTECT IT FROM CORROSION AND RUST.

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

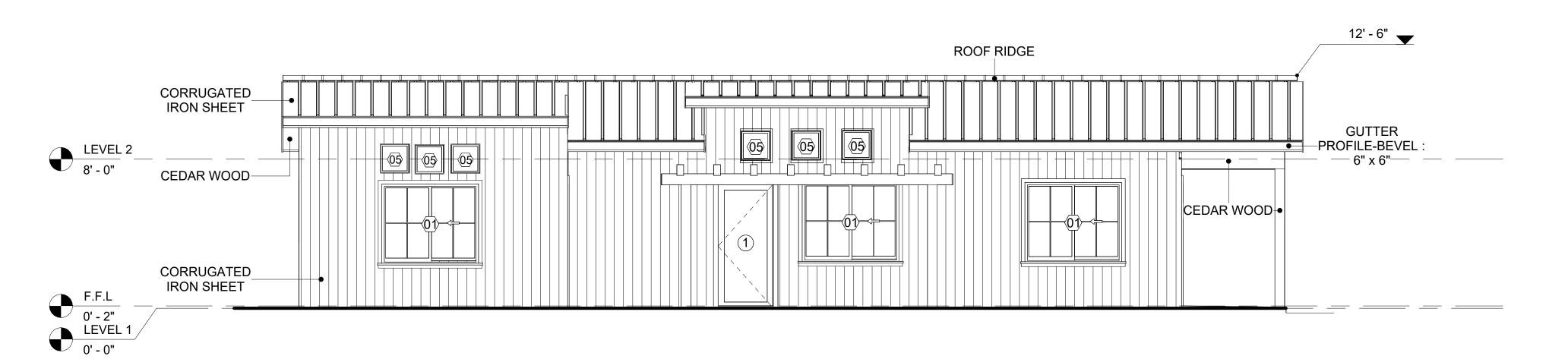
# **CEDAR WOOD**

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 A FINISH MATERIAL ON BEAMS AND COLUMNS.



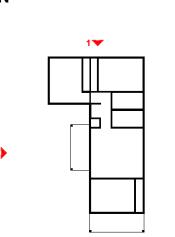
1 REAR ELEVATION
1/4" = 1'-0"



2 LEFT SIDE ELEVATION
1/4" = 1'-0"



**KEY PLAN** 



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

CLIENT NAME:

PROJECT NUMBER:

0061\_12

DATE:

2/11/2025 8:49:53 AM

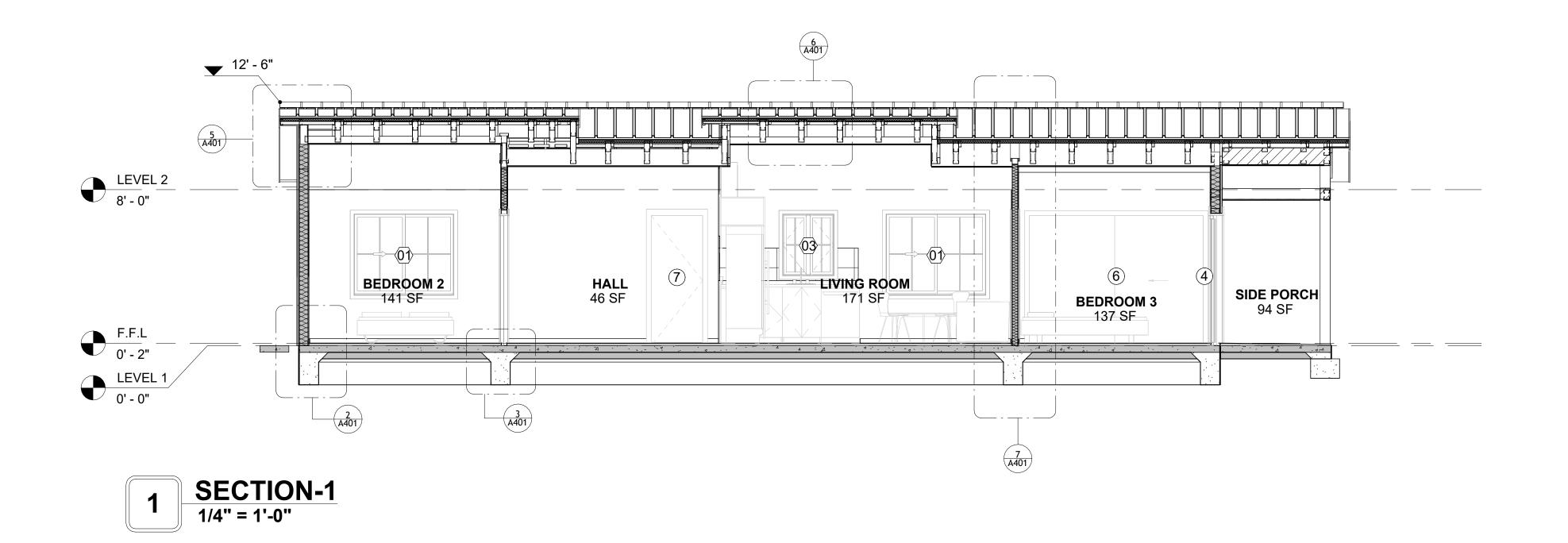
DESIGNED BY:

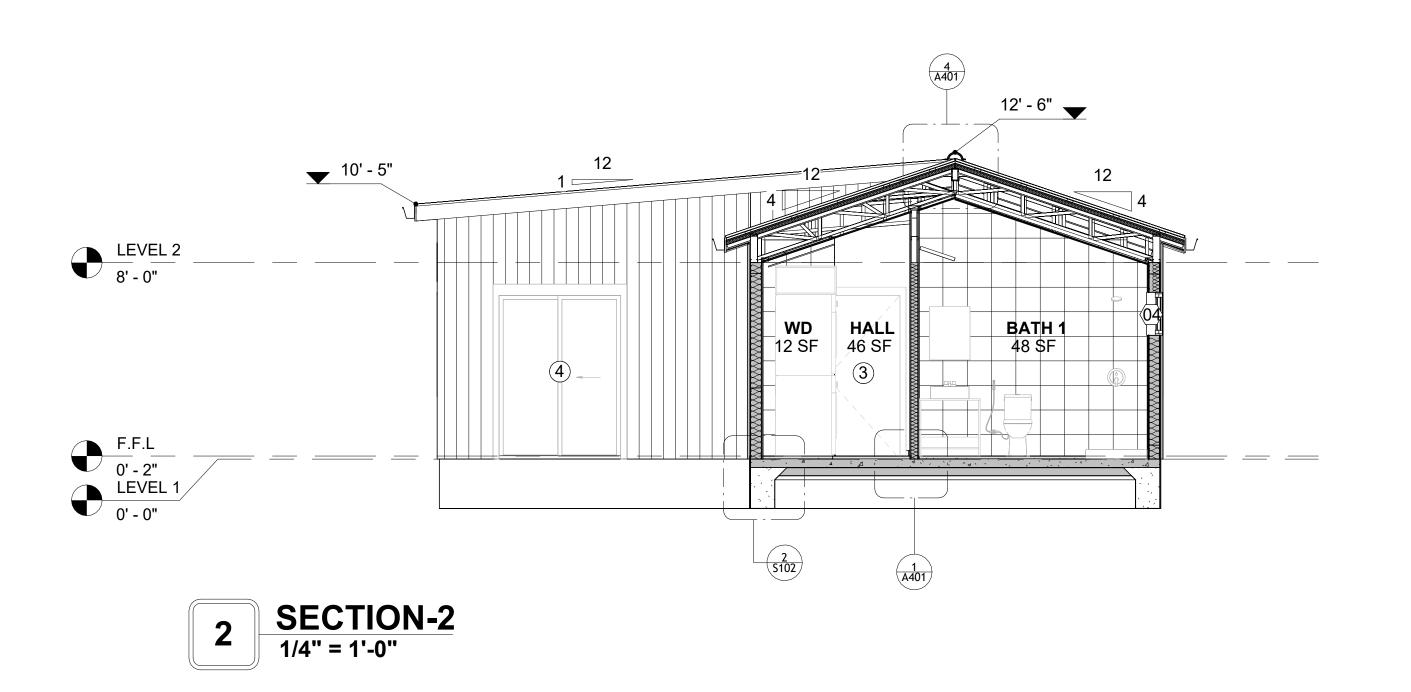
DRAWN BY:

CHECKED BY:

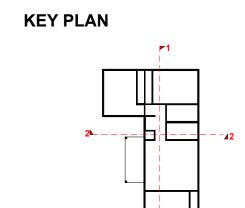
Checker

A202









NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

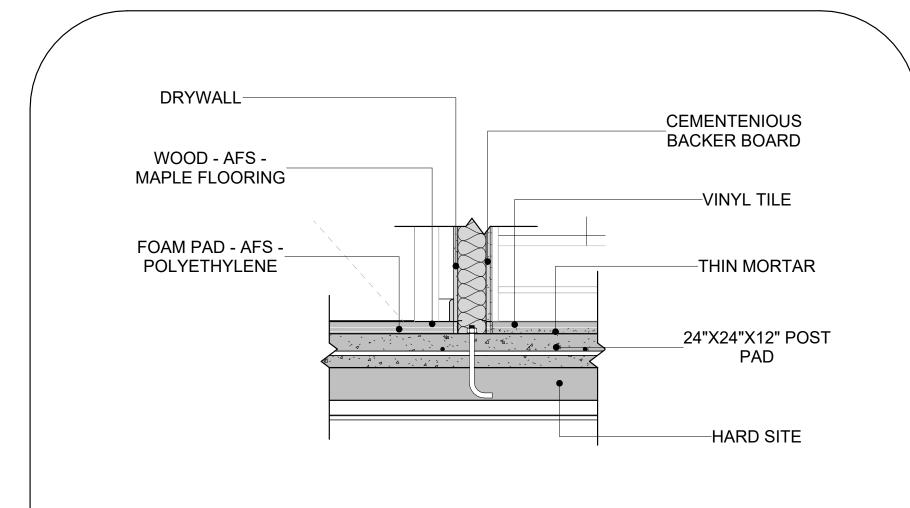
41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

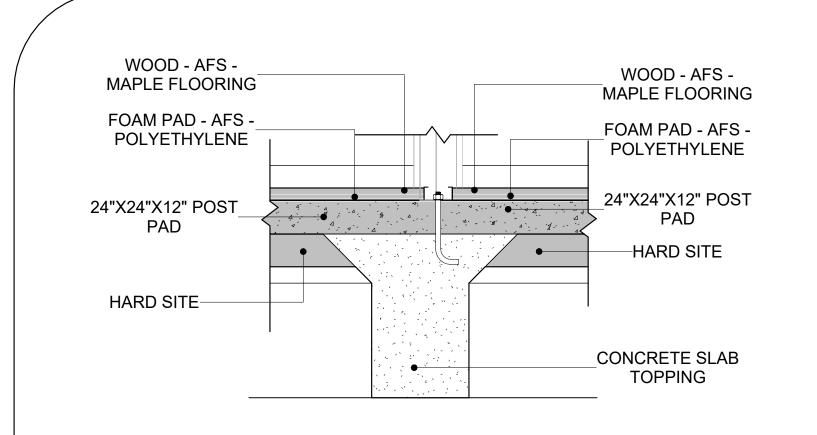
# ARCHITECTURAL SECTIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:55 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

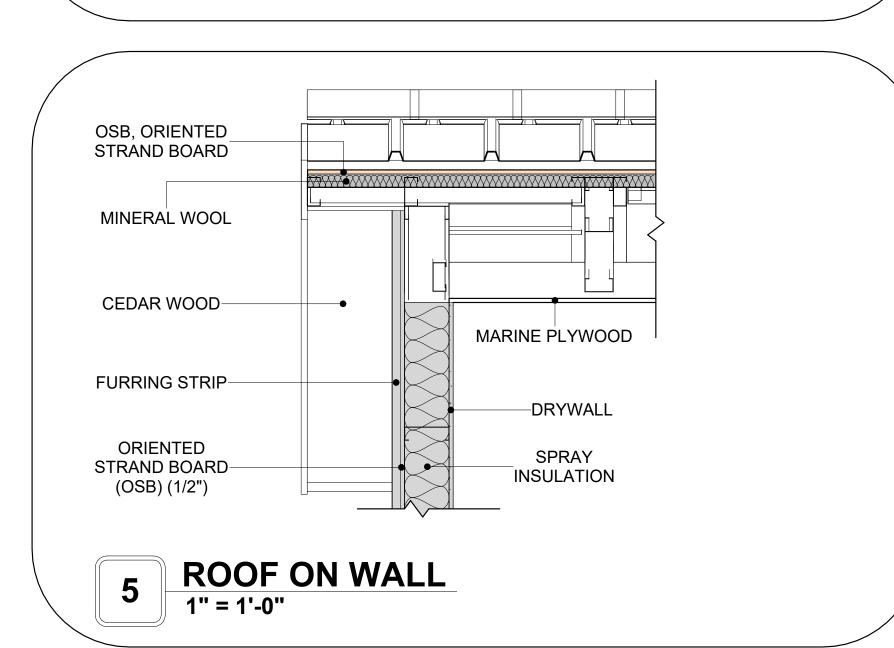
A301

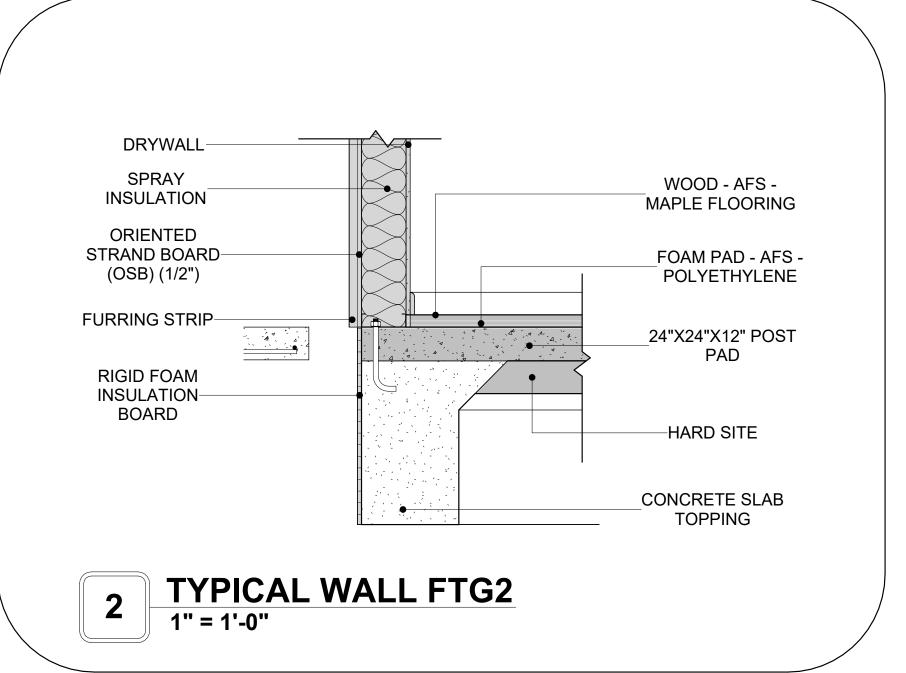


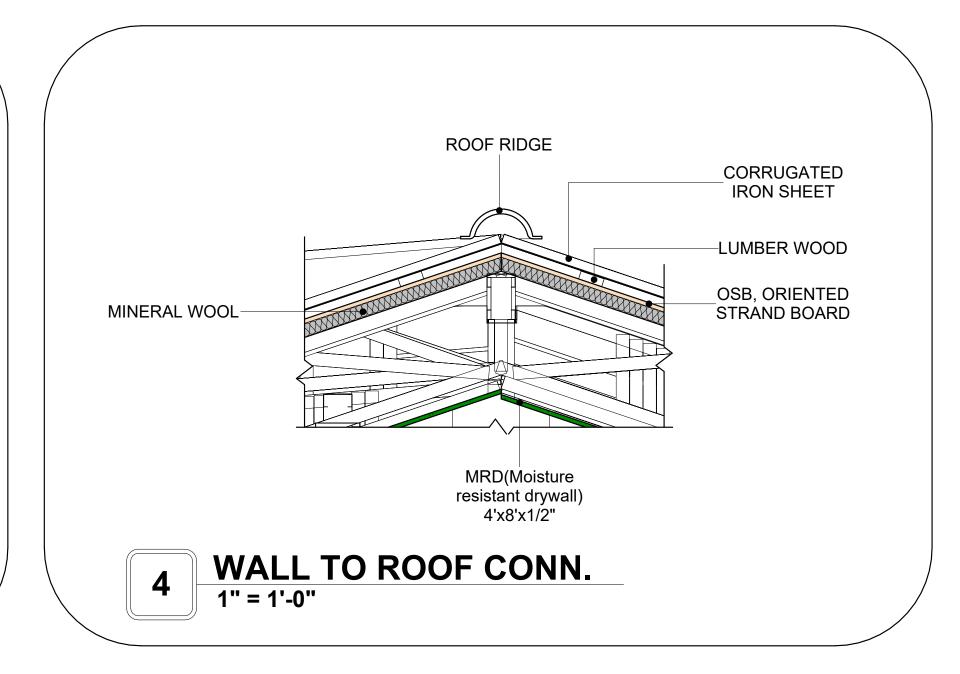
# 1 TYPICAL WALL FTG

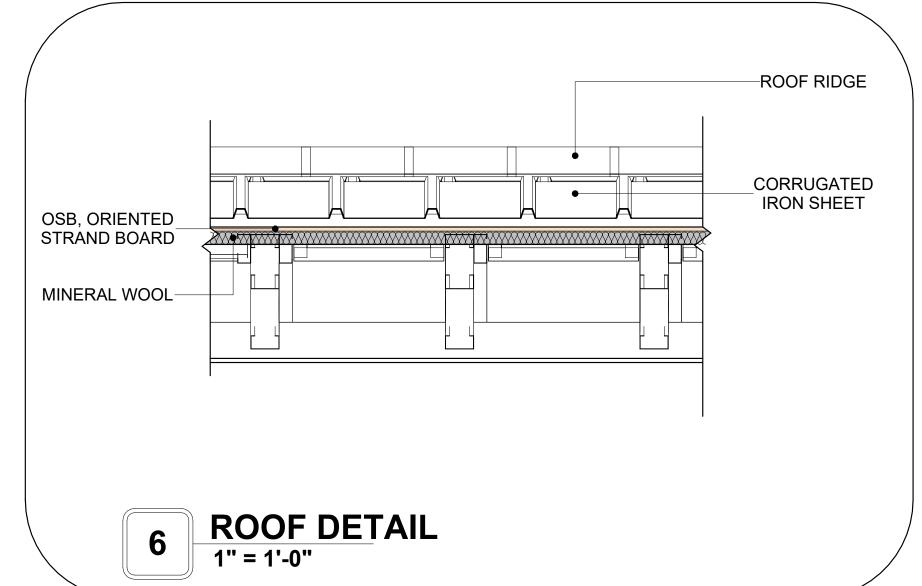


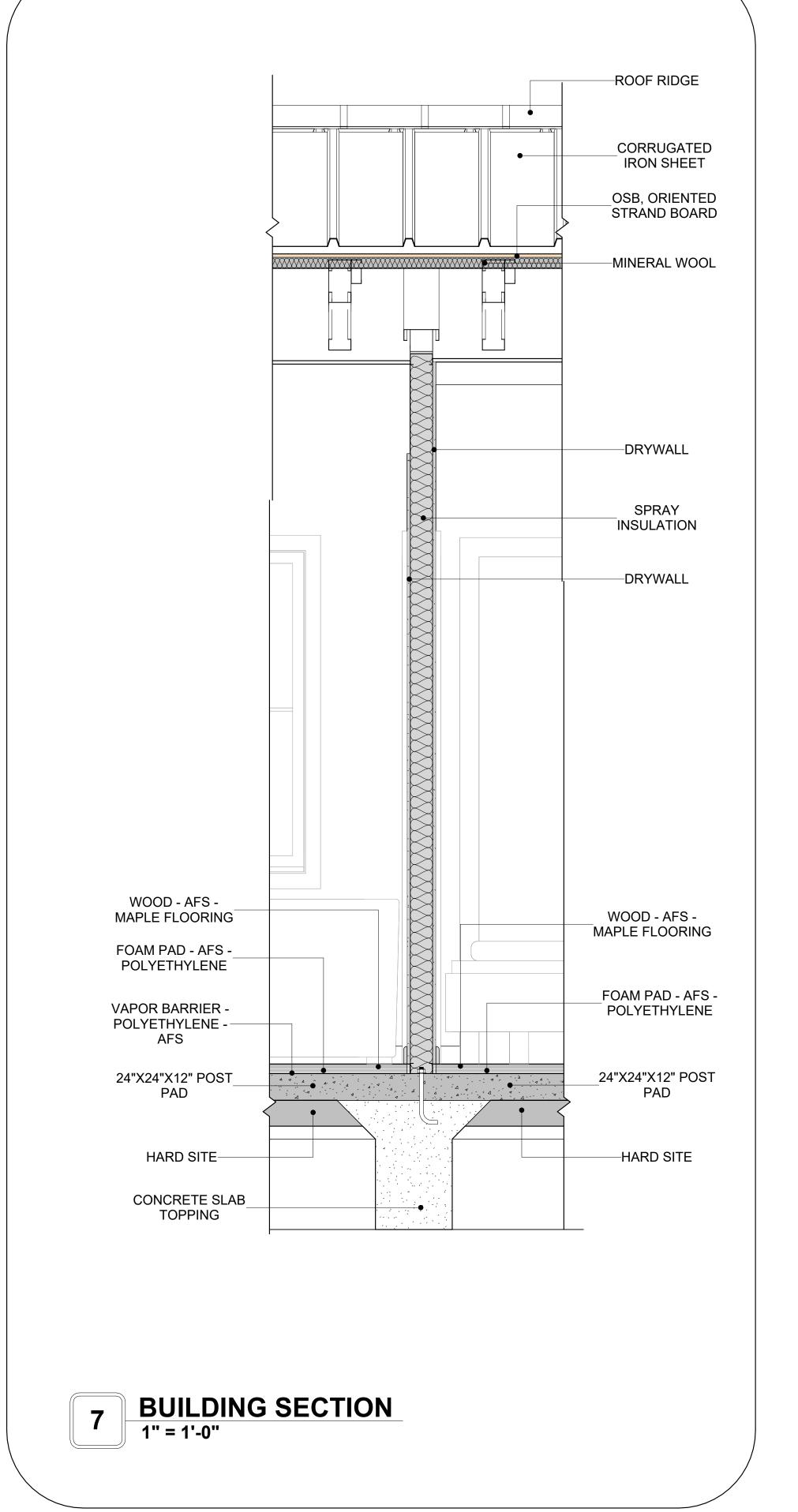
**ROOF/TRUSS CONN.**1" = 1'-0"













**KEY PLAN** 

DESCRIPTION	DATE
	DESCRIPTION

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

ARCHITECTURAL DETAILS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:57 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A401

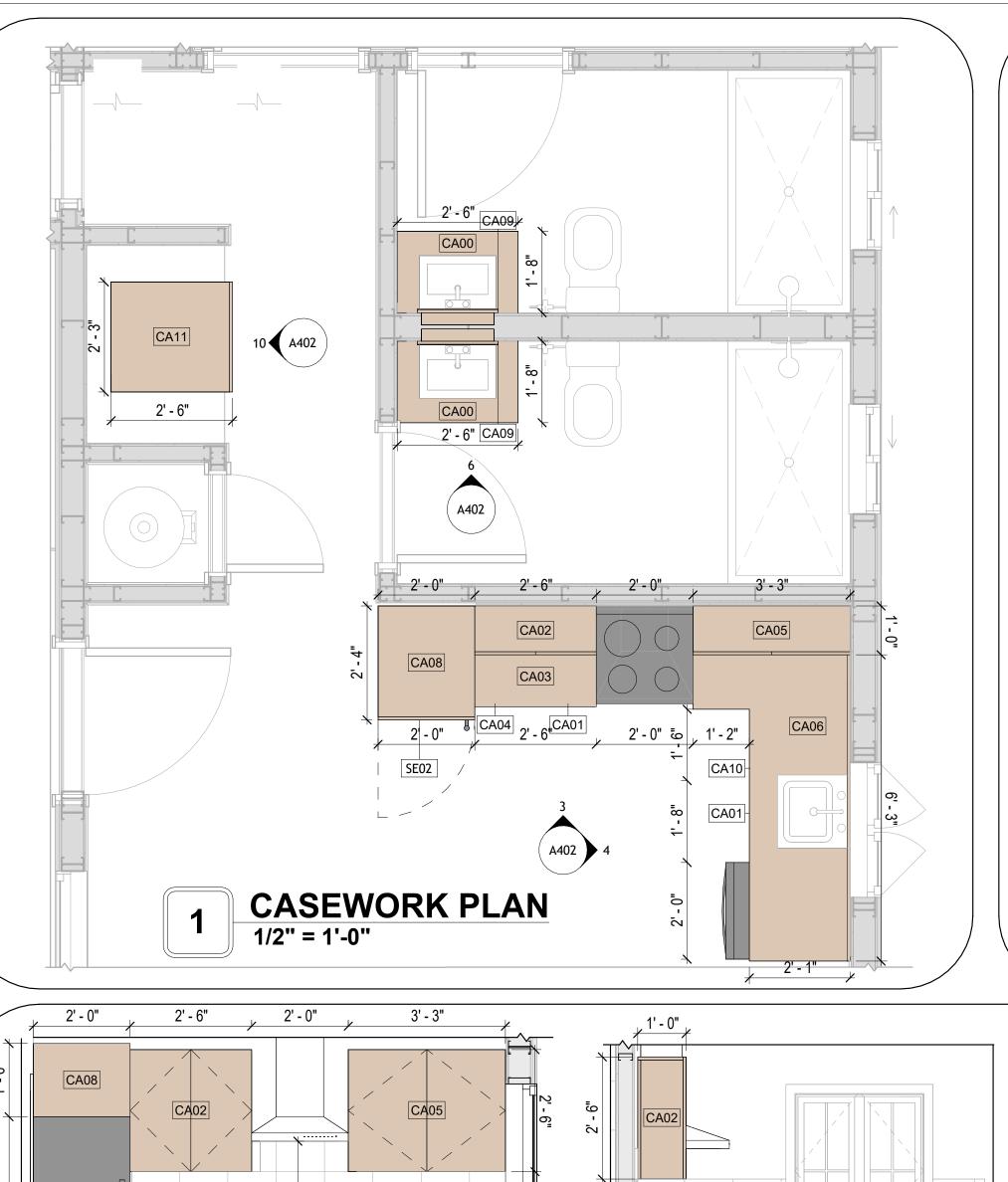
SCALE: 1" = 1'-0"

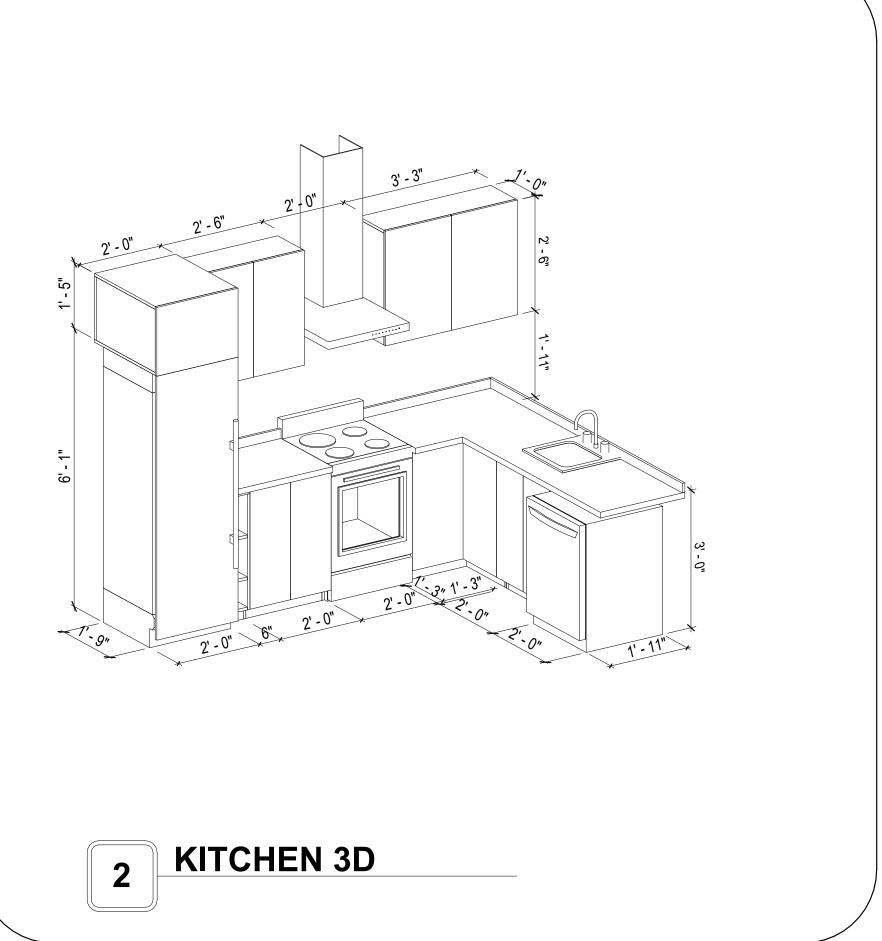
# **CASEWORK GENERAL NOTES**

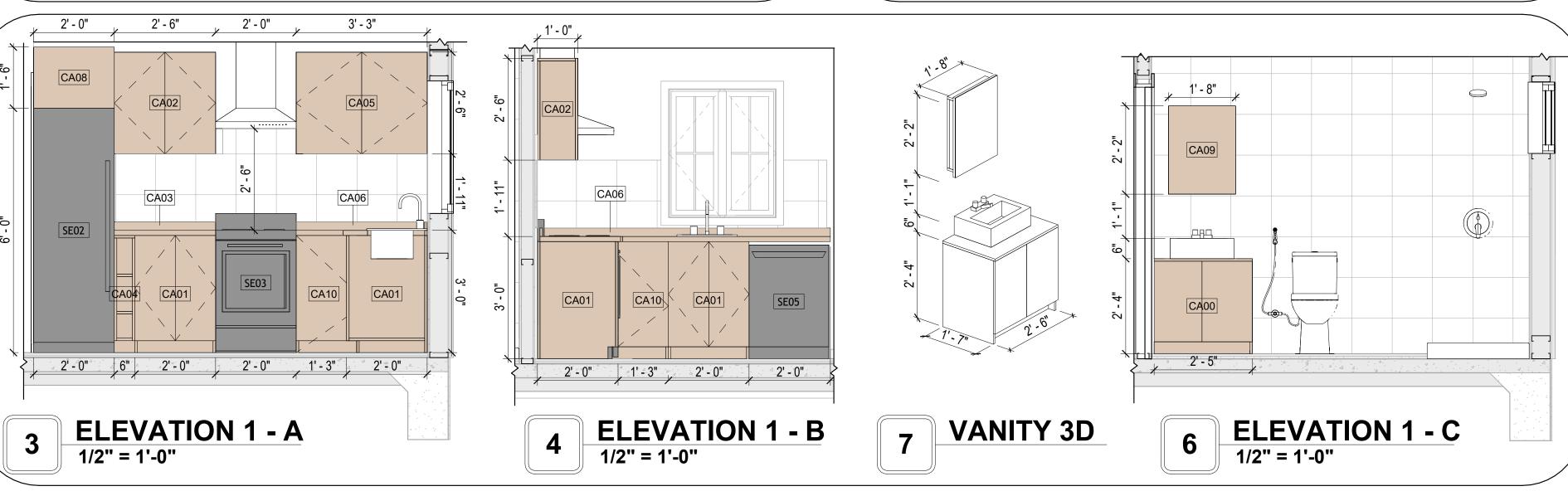
- ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
- PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND OTHERWISE NOTED.
- MANUFACTURER AND CATALOG NUMBERS ARE 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.

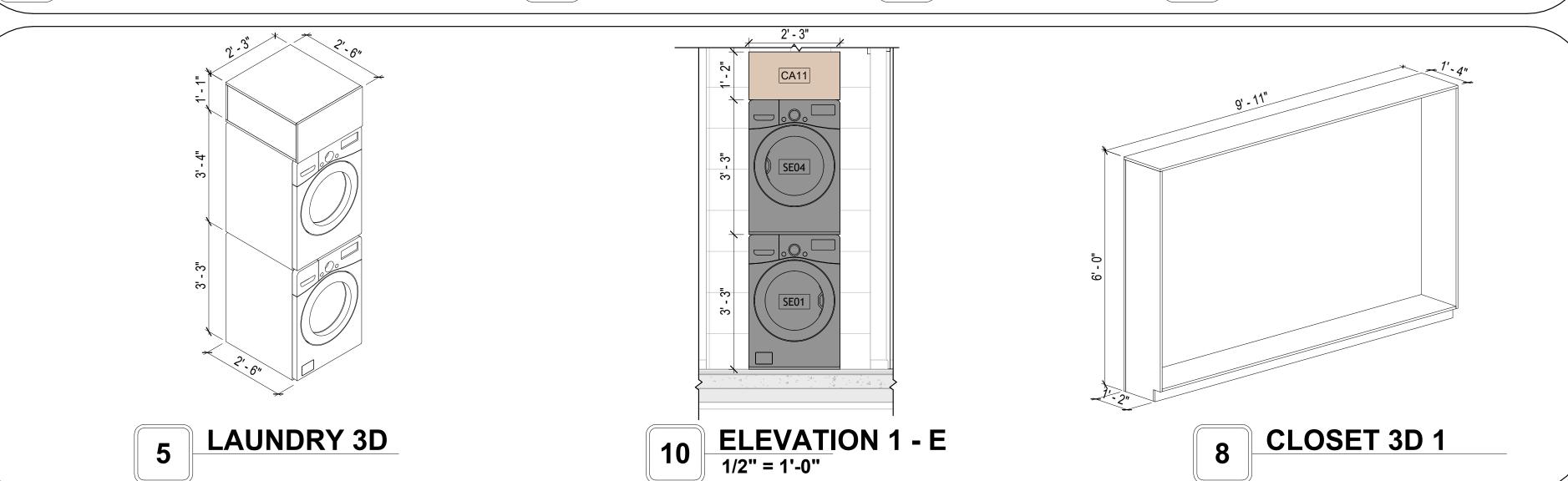
	CASEWORK SCHEDULE					
TYPE MAR K	TYPE	COUN	HEIGHT	WIDTH	DEPTH	AREA
00	VANITY	2	2' - 4"	2' - 6"	1' - 8"	6 SF
01	Base Cabinet Double Door 1	2	2' - 11"	2' - 0"	2' - 0"	6 SF
02	Wall Cabinet Double Door 3 158	1	2' - 6"	2' - 6"	1' - 0"	6 SF
03	Linear Counter Top 2 158	1	0' - 4"	2' - 6"	2' - 0"	1 SF
04	Base_Filler_1 2 158	1	2' - 11"	0' - 6"	2' - 0"	1 SF
05	Wall Cabinet Double Door 2 158	1	2' - 6"	3' - 3"	1' - 0"	8 SF
06	L-SHAPE COUNTER TOP 158	1	0' - 4"	7' - 0"	7' - 0"	2 SF
07	Closet 3 158	3	6' - 0"	9' - 11"	1' - 4"	60 SF
08	LAUNDRY OPEN CABINET	1	1' - 6"	2' - 0"	2' - 4"	3 SF
09	RECESSED_MED_CABINET	2	2' - 0"	1' - 6"	0' - 3"	3 SF
10	Base_Cabinet_L-Shaped	1	2' - 11"	3' - 3"	3' - 3"	9 SF
11	LAUNDRY OPEN CABINET 3 158	1	1' - 2"	2' - 3"	2' - 6"	3 SF
Grand t	otal	17		•		

SPECIALTY EQUIPMENT SCHEDULE			
TYPE MARK	TYPE	COUNT	
01	WASHER-FRONT-LOAD	1	
02	REFRIGERATOR	1	
03	RANGE	1	
04	DRYER-FRONT-LOAD	1	
05	Dishwasher	1	
Grand total: 5	1	,	

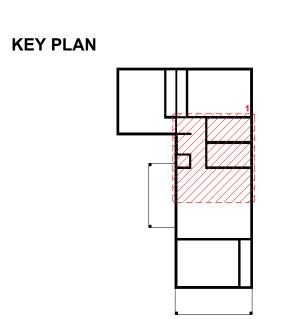












	1	
NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41 Yoke 999 3Bd/2Ba Farmhouse 550

DRAWING NAME

ARCHITECTURAL CASEWORK

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 8:49:59 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A402

# **GENERAL NOTES**

1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE YOKE FARMHOUSE 550\_NG. IT PROVIDES A VISUAL REPRESENTATION OF THE SYSTEM LAYOUT AND COMPONENTS.

2.THE HVAC SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING HEATING, COOLING, AND VENTILATION NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.

3. THE HVAC SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL MECHANICAL CODE (IMC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.

4. THE EQUIPMENT SHOWN ON THIS DRAWING INCLUDES BUT IS NOT LIMITED TO AIR HANDLING UNITS (AHUS), CHILLERS, BOILERS, COOLING TOWERS, PUMPS, DUCTWORK, DIFFUSERS, GRILLES, AND CONTROL DEVICES.

5. ALL EQUIPMENT, DUCTWORK, AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, LOCAL CODES, AND INDUSTRY BEST PRACTICES.

6. ALL DUCTWORK SHALL BE SIZED, FABRICATED, AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACCA MANUAL D AND THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS. DUCTWORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER, PROPERLY SUPPORTED AND BRACED TO PREVENT SAGGING, AIR LEAKAGE, OR VIBRATION.

7. CONDENSATE DRAINAGE PIPING SHALL BE PROPERLY PITCHED TO ENSURE POSITIVE DRAINAGE TO AN APPROVED DISPOSAL LOCATION, SUCH AS A FLOOR DRAIN, SUMP PUMP, OR EXTERIOR GRADE. CONDENSATE LINES SHALL BE INSULATED TO PREVENT SWEATING.

8. THE LOCATION OF CONTROL PANELS AND SENSORS INDICATED ON THIS DRAWING CAN 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 ADEQUATÉ CLEARANCES AROUND EQUIPMENT FOR PROPER AIRFLOW, SERVICE ACCESS, AND

CODE COMPLIANCE. 14. ALL HVAC EQUIPMENT AND COMPONENTS, INCLUDING THERMOSTATS, DAMPERS, AND ACCESS PANELS, SHALL BE LOCATED IN ACCESSIBLE AREAS FOR EASY SERVICING AND MAINTENANCE. PROVIDE ADEQUATE SPACE AROUND EQUIPMENT FOR PROPER AIRFLOW AND SERVICE ACCESS.

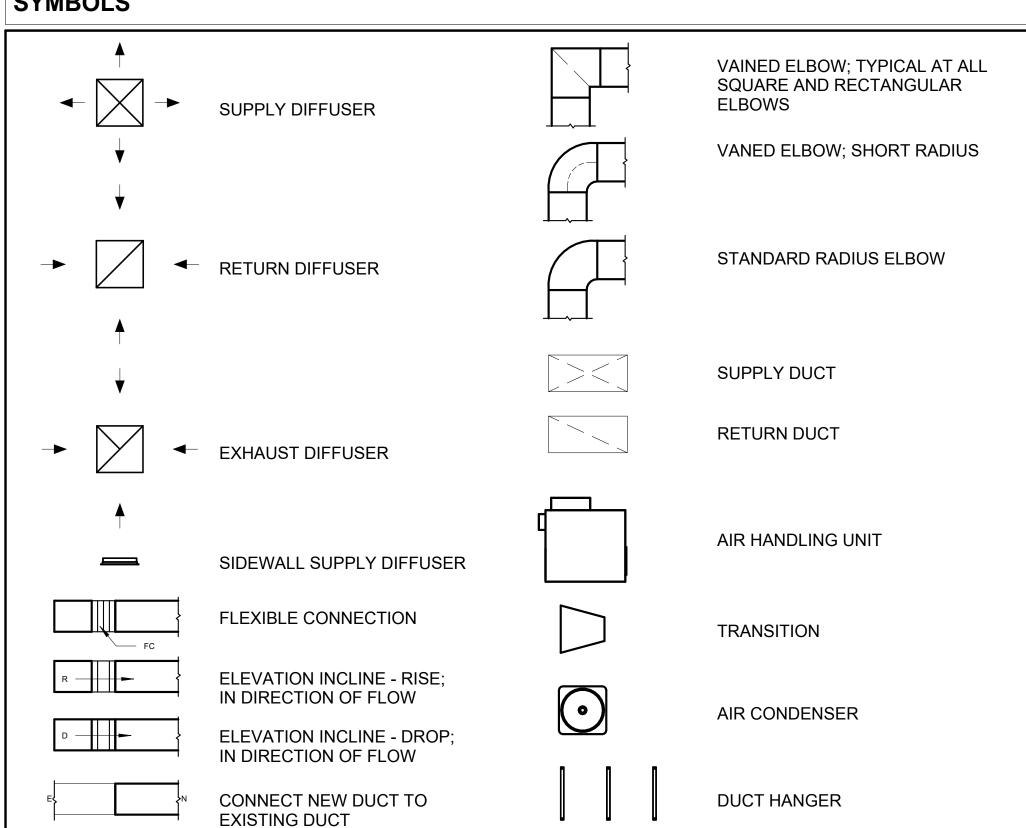
15. THE HVAC SYSTEM SHALL BE BALANCED AND ADJUSTED TO ENSURE PROPER AIRFLOW, TEMPERATURE DISTRIBUTION, AND SYSTEM PERFORMANCE THROUGHOUT THE RESIDENCE. PROVIDE A WRITTEN REPORT DOCUMENTING THE FINAL SYSTEM BALANCE.

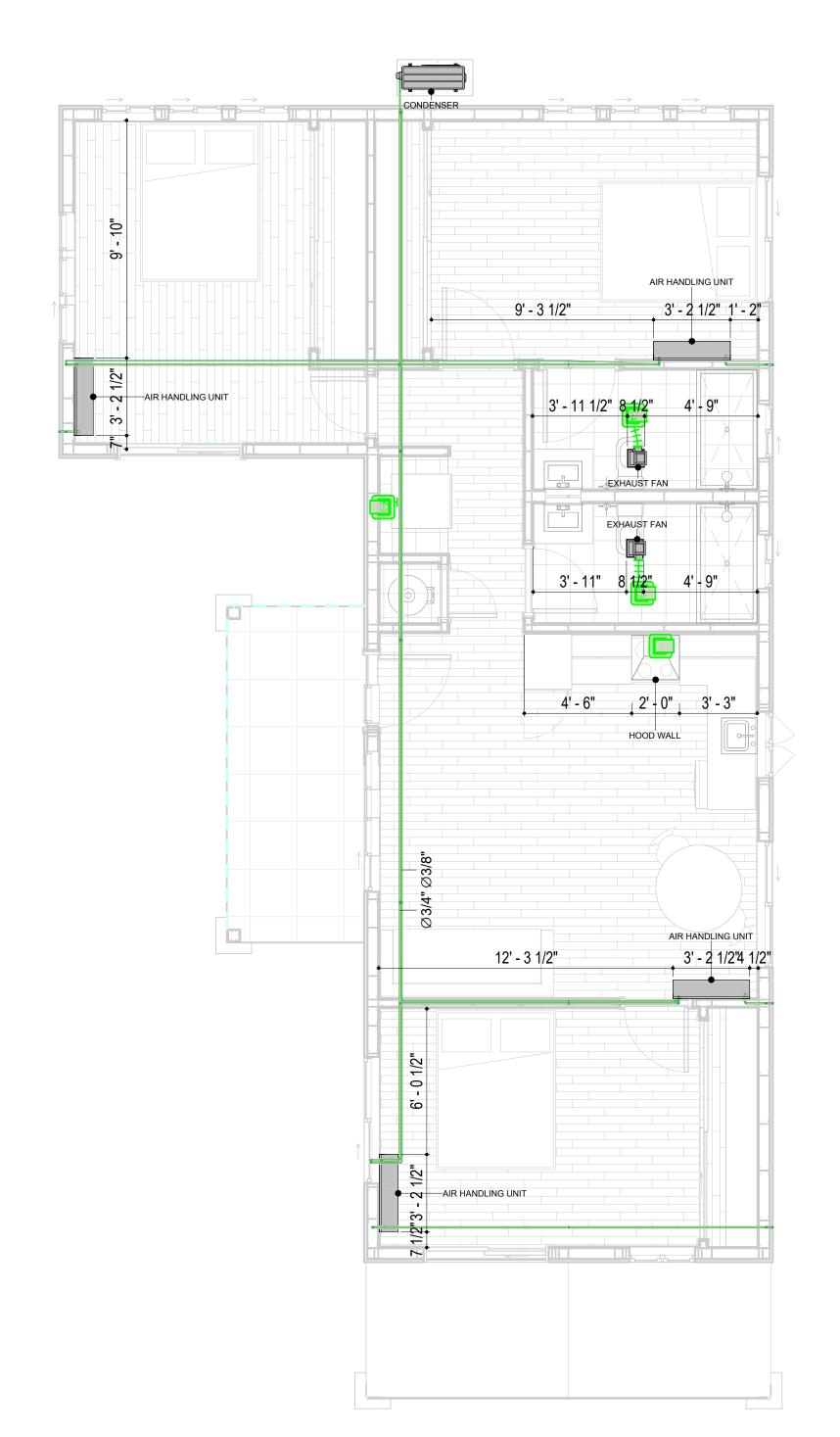
16. ANY DEVIATIONS OR MODIFICATIONS TO THE HVAC SYSTEM DESIGN SHALL BE REVIEWED AND APPROVED BY THE RESPONSIBLE DESIGN

PROFESSIONALS AND COMMUNICATED TO ALL RELEVANT PARTIES INVOLVED IN THE CONSTRUCTION PROCESS.

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

# SYMBOLS





**HVAC PLAN** 1/4" = 1'-0"

HVAC COLOR SCHEME

AIR CONDITIONING PIPE LINE

REFRIGERANT LINE SCHEDULE			
CATAGORY	DESCRIPTION	DIAMETER	LENGTH
PIPE TYPES	COPPER	1/4"	0.58
PIPE TYPES	COPPER	3/8"	108.71
PIPE TYPES	COPPER	1/2"	0.59
PIPE TYPES	COPPER	3/4"	164.55

CATAGORY	DESCRIPTION	Size	Count
ODOGO OFNEDIO	ODOGO OFNEDIO OTANDADO	0/411 - 0/411 - 0/	14
CROSS - GENERIC	CROSS - GENERIC: STANDARD	3/4"ø-3/4"ø-3/ 4"ø-3/4"ø	1
CROSS - GENERIC	CROSS - GENERIC: STANDARD	3/8"ø-3/8"ø-3/ 8"ø-3/8"ø	1
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	1/2"ø-1/2"ø	1
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	1/4"ø-1/4"ø	1
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/4"ø-3/4"ø	40
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/8"ø-3/8"ø	32
TEE - GENERIC	TEE - GENERIC: STANDARD	3/4"ø-3/4"ø-3/ 4"ø	1
TEE - GENERIC	TEE - GENERIC: STANDARD	3/8"ø-3/8"ø-3/ 8"ø	1
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-1/2"ø	5
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-5/8"ø	4
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/8"ø-1/4"ø	1

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

DUCT FITTING SCHEDULE		
CATAGORY	DESCRIPTION	COUNT
ROUND TRANSITION - ANGLE	45 DEGREE	8

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

FLEX DUCT SCHEDULE							
DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT			
		1	T	Τ.			
FLEX DUCT ROUND	FLEX-ROUND	11.36	4"	4			
GRAND TOTAL: 4		11.36					



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41-Yoke-999-3Bd2Ba-Farmhouse-550

DRAWING NAME

**HVAC PLAN** 

CLIENT NAME: Owner PROJECT NUMBER: 15\_0001 DATE: 2/10/2025 9:24:21 PM Designer DESIGNED BY: DRAWN BY: Author CHECKED BY: Checker

M101

SCALE: As indicated

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## **ELECTRICAL NOTES**

- 1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 41-YOKE-999-3Bd2Ba-FarmHouse. IT PROVIDES A VISUAL REPRESENTATION OF THE ELECTRICAL LAYOUT AND COMPONENTS, INCLUDING POWER DISTRIBUTION, LIGHTING, AND CONTROL SYSTEMS.
- 2. THE ELECTRICAL SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING POWER DISTRIBUTION, LIGHTING, AND SPECIALIZED ELECTRICAL EQUIPMENT NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
- 3. THE ELECTRICAL SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL BUILDING CODE (IBC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
- 4. LOCATIONS AS NEEDED, DEVICES ARE SHOWN ON PLANS IN APPROXIMATE IDEAL LOCATIONS, UNLESS SPECIFICALLY DIMMENSIONED.
- 5. OPEN WALLS AS NEEDED TO ALLOW FOR NEW ELECTRICAL INSTALLATIONS.
- 6. LABEL ALL CIRCUITS ON JUNCTION BOXES, RECEPTACLES, DATA, SMOKE DETECTOR, AND EQUIPMENT IN PANEL BOX.
- 7. INSTALL RACEWAY AS NEEDED FOR DDC, ACCESS CONTROL, LOW VOLTAGE WIRING & DATA.
- 8. RELABEL POWER, DATA & FIRE ALARM FOR ROOM #CHANGES.
- 9. VERIFY ALL CIRCUITS LABELED ON PRINT ARE CORRECT BEFORE WORKING ON THEM.
  10. NOTE ON SITE PLAN ALL CHANGES OR MISSING DETAIL TO BE INCORPORATED INTO THE MASTER PLAN.
- 11. DRAWINGS ARE DIAGRAMMATIC ONLY FOR THE PURPOSE OF SHOWING FIXTURE AND OUTLET LOCATIONS.
- 12. ELECTRICAL CONTRACTOR TO VERIFY SERVICE SIZE BY CALCULATION BASED UPON ACTUAL NAME
- PLATE RATINGS OF SELECTED EQUIPMENT.

  13. VERIEV LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY PROVIDE LIFER 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 TURE).
- 15. PROVIDE WATERPROOF FIXTURES IN ALL HIGH MOISTURE AREAS (EXTERIOR, SHOWER AND TUB CEILINGS ETC.)
- 16. PROVIDE DEDICATED CIRCUITS TO EACH BATH, DEN, FAMILY ROOM, BEDROOM, LOFT, KITCHEN
- REFRIGERATOR, KITCHEN FREEZER DISHWASHER, AND ANY AREA/ITEM SPECIFIED BY OWNER.

  17. INCANDESCENT FIXTURES WITH OPEN OR PARTIALLY ENCLOSED LAMPS, PENDANT FIXTURES, AND
- LAMP HOLDERS ARE NOT PERMITTED IN CLOSETS.

  18. ALL WORKMANSHIP AND MATERIALS TO CONFORM WITH THE 2015 IRC.
- 19. PROVIDE A MIN. OF 20 FEET OF ONE \*4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING
- AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.

  20. PROVIDE A BONDING CONDUCTOR CONSISTING OF A MINIMUM OF ONE \*4 BARE COPPER WIRE
- CONNECTING THE BUILDING'S METAL WATER PIPING SYSTEM TO THE SERVICE EQUIPMENT ENCLOSURE GROUNDING.

# MAIN PANEL CALCS

ELECTRICAL CALCS	
LIGHT AND OUTLETS 999 @ 3W	2,997 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	26,297 W
FRIST 10,000 @ 100% REMAINDER @ 40% MINI. SPLIT UNITS	10,000 W 6,519W 2880 W
TOTAL	19,396 W

19,396 W DIVIDED BY 240V = 81 AMPS TOTAL

(USE 200 AMP SERVICE)

# **ELECTRICAL ABBREVIATIONS LIST**

1P	1 POLE (2P, 3P, 4P, ETC.)	CTR	CENTER	HT	HEIGHT
A	AMPERE	CU	COPPER	HTG	HEATING
AC	ABOVE COUNTER OR AIR CONDITIONER	DCP	DOMESTIC WATER CIRCULATING PUMP	HTR	HEATER
			DEPARTMENT	HV	
ACLG	ABOVE CEILING	DEPT			HIGH VOLTAGE
ADO	AUTOMATIC DOOR OPENER	DET	DETAIL	HVAC	HEATING, VENTILATING AND AIR
AF	AMP FRAME	DIA	DIAMETER	CONDITIONING	CONDITIONING
AFF	ABOVE FINISHED FLOOR	DISC	DISCONNECT	HWP	HYDRONIC WATER PUMP
AFG	ABOVE FINISHED GRADE	DIST	DISTRIBUTION	IC	INTERRUPTING CAPACITY
AFI	ARC FAULT CIRCUIT INTERRUPTER	DN	DOWN	IG	ISOLATED GROUND
AHU	AIR HANDLING UNIT	DPR	DAMPER	IMC	INTERMEDIATE METAL CONDUIT
AL	ALUMINUM	DS	SAFETY DISCONNECT SWITCH	INCAND	INCANDESCENT
ALT	ALTERNATE	DT	DOUBLE THROW	IR	INFRARED
AMP	AMPERE	DWG	DRAWING	I/W	INTERLOCK WITH
AMPL	AMPLIFIER	DDC	DIRECT DIGITAL CONTROL	J-BOX	JUNCTION BOX
ANNUN	ANNUNCIATOR APPROX APPROXIMATELY	EC	ELECTRICAL CONTRACTOR	KV	KILOVOLT
AQ-STAT	AQUASTAT	ELEC	ELECTRIC, ELECTRICAL	KVA	KILOVOLT-AMPERE
ARCH	ARCHITECT, ARCHITECTURAL	ELEV	ELEVATOR	KVAR	KILOVOLT-AMPERE REACTIVE
AS	AMP SWITCH	EM	EMERGENCY	KW	KILOWATT
AT	AMP TRIP	EMS	ENERGY MANAGEMENT SYSTEM	KWH	KILOWATT HOUR
ATS	AUTOMATIC TRANSFER SWITCH	EMT	ELECTRICAL METALLIC TUBING	LOC	LOCATE OR LOCATION
AUTO	AUTOMATIC	EP	ELECTRIC PNEUMATIC	LT	LIGHT
AUX	AUXILIARY	EQUIP	EQUIPMENT	LTG	LIGHTING
AV	AUDIO VISUAL	EWC	ELECTRIC WATER COOLER	LTNG	LIGHTNING
AWG	AMERICAN WIRE GAUGE	EXIST	EXISTING	LV	LOW VOLTAGE
BATT	BATTERY	EXH	EXHAUST	MAX	MAXIMUM
BD	BOARD	EXP	EXPLOSION PROOF	MAG.S	MAGNETIC STARTER
BLDG	BUILDING	FA	FIRE ALARM	M/C	MOMENTARY CONTACT
BMS	BUILDING MANAGEMENT SYSTEM	FABP	FIRE ALARM BOOSTER POWER	MC	MECHANICAL CONTRACTOR
C	CONDUIT	SUPPLY PANEL	SUPPLY PANEL	MCB	MAIN CIRCUIT BREAKER
CAB	CABINET		FIRE ALARM CONTROL PANEL	MCC	MOTOR CONTROL CENTER
		FACP		_ I	MAIN DISTRIBUTION CENTER
CATY	CATALOG	FCU	FAN COIL UNIT	MDC	
CATV	CABLE TELEVISION	FIXT	FIXTURE	MDP	MAIN DISTRIBUTION PANEL
CB	CIRCUIT BREAKER	FLR	FLOOR	MFR	MANUFACTURERMAIN FUSED
CCTV	CLOSED CIRCUIT TELEVISION	FLUOR	FLUORESCENT	N.41.1	DISCONNECT SWITCH
CKT	CIRCUIT	FUDO	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: KITCHEN 02
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

#### Notes:

Circuit Numb er	Circuit Description	Number of Elements	Rating	Length	Wire Size	A	<b>L</b>	I	3	Wire Size	Length	Rating	Number of Elements	Circuit Description	Circui Numb er
1	CONDENSER	1	60 A	50' - 8"	2-#6, 1-#6, 1-#10	750 VA	720 VA			1-#12, 1-#12, 1-#12	62' - 0 15/32"	20 A	4	BEDROOM 1 RECEPTACLES	2
3								750 VA	900 VA	1-#12, 1-#12, 1-#12	46' - 6 5/8"	20 A	5	BEDROOM 2 RECEPTACLES	4
5	BED ROOM 1 AND 2 LIGHT POINTS	16	20 A	52' - 10 15/16"	1-#12, 1-#12, 1-#12	419 VA	540 VA			1-#12, 1-#12, 1-#12	35' - 5"	20 A	13	LIVINGROOM AND HALL LIGHT UNITS	6
7	BEDROOM 3 LIGHT PONTS	8	20 A	39' - 4 9/16"	1-#12, 1-#12, 1-#12			209 VA	720 VA	1-#12, 1-#12, 1-#12	48' - 5 7/8"	20 A	4	BEDROOM 3 RECEPTACLES	8
9	LIVINGROOM RECEPTACLES	4	20 A	38' - 4 23/32"	1-#12, 1-#12, 1-#12	720 VA	540 VA			1-#12, 1-#12, 1-#12	17' - 1 15/32"	20 A	3	KITCHEN GFCI	10
11	REFRIGERATOR	1	20 A	20' - 0 17/32"	1-#12, 1-#12, 1-#12			1500 VA	1200 VA	1-#10, 1-#10, 1-#10	14' - 7 1/8"	30 A	1	DISH WASHER	12
13	RANGE	1	50 A	14' - 8 3/8"	2-#8, 1-#8, 1-#10	750 VA	336 VA			1-#12, 1-#12, 1-#12	27' - 3 15/32"	20 A	5	BATHROOM 1 UNITS	14
15								750 VA	336 VA	1-#12, 1-#12, 1-#12	25' - 4"	20 A	6	BATHROOM 2 UNITS	16
17	GFCI WASHER	1	20 A	33' - 5 5/32"	1-#12, 1-#12, 1-#12	1200 VA	750 VA			2-#10, 1-#10, 1-#10	32' - 3"	30 A	1	DRYER	18
19	WATER HEATER	1	30 A	30' - 10 5/8"	2-#10, 1-#10, 1-#10			750 VA	750 VA			-			20
21						750 VA	720 VA			1-#12, 1-#12, 1-#12	38' - 7 31/32"	20 A	4	OUTDOOR GFCI RECEPTACLES	22
23	OUTDOOR LIGHT UNITS	9	20 A	45' - 3 21/32"	1-#12, 1-#12, 1-#12			600 VA	1080 VA	1-#14, 1-#14, 1-#14	33' - 9 9/16"	15 A	6	SMOKE DETECTORS	24
25															26
	1					8190	VA	951	5 VA						1
	UNITS	9	20 A	43 - 3 2 1/32		8190 68		951			33 - 9 9/10	137	U	DETI	ECTORS

# Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
Lighting - Dwelling Unit	800 VA	100.00%	800 VA		
Other	2076 VA	100.00%	2076 VA	Total Conn. Load:	17704 VA
Receptacle	14580 VA	84.29%	12290 VA	Total Est. Demand:	15415 VA
Lighting	300 VA	100.00%	300 VA	Total Conn.:	74 A
				Total Est. Demand:	64 A



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41-YOKE-999-3Bd2Ba FarmHouse-350

DRAWING NAME

# **SCHEDULE**

CLIENT NAME	Owner
PROJECT NUM	MBER: <b>0037_14</b>
DATE:	2/10/2025 7:48:51 AM
DESIGNED BY	/: Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E101

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

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# **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.

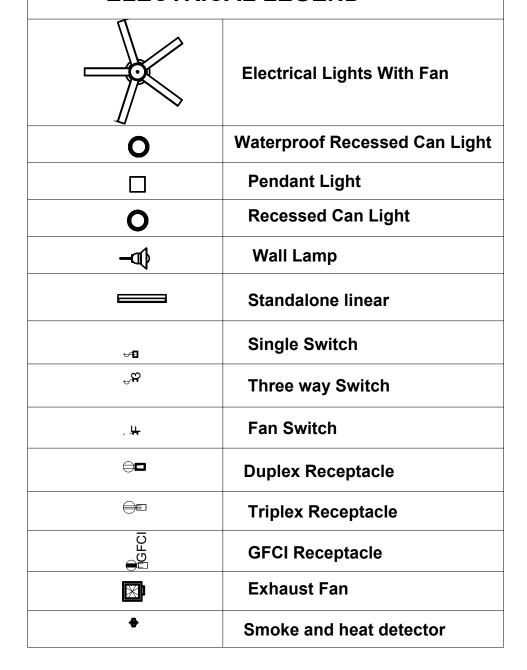
METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS USED AS SERVICE

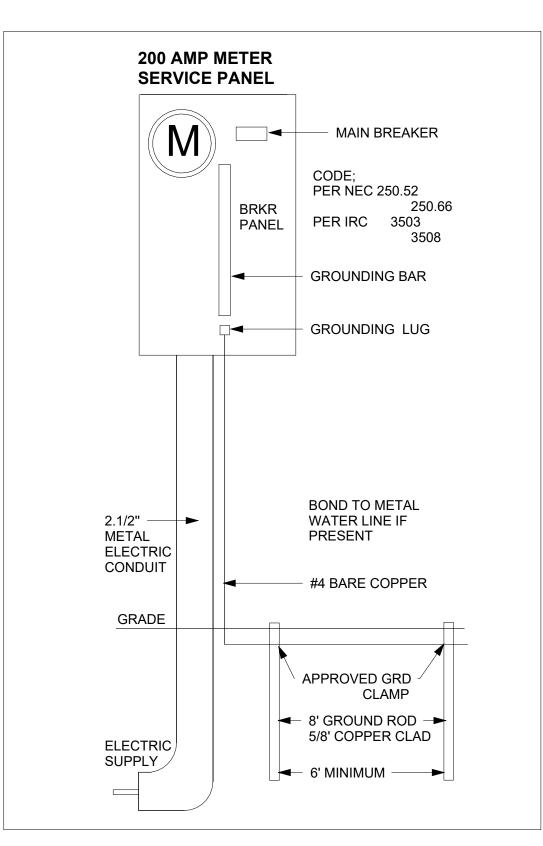
EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION E3609.4. WHERE NONMETALLIC ENCLOSURES ARE USED WITH METAL RACEWAYS OR METAL-ARMORED

CABLES, PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING

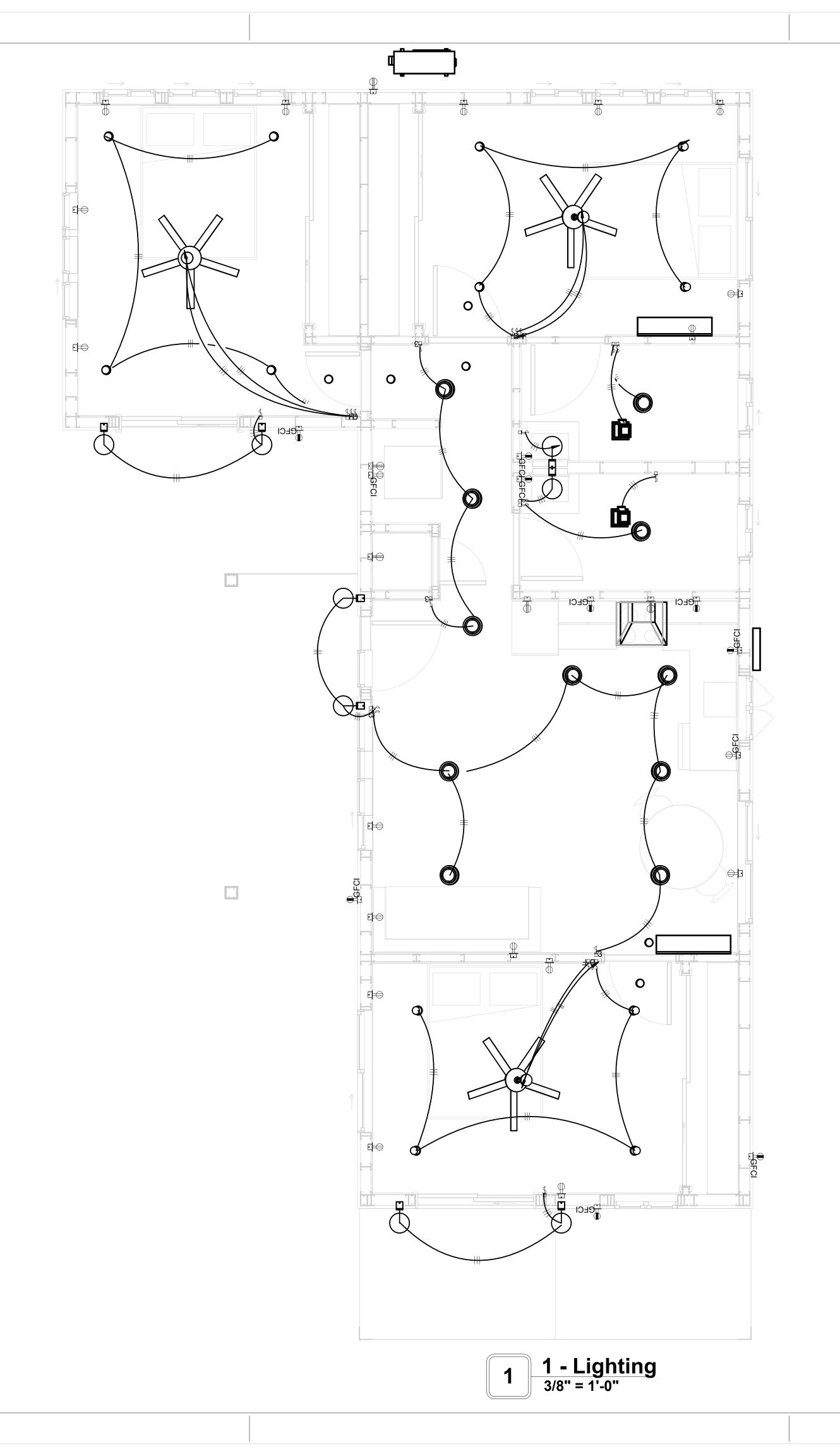
NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)

# **ELECTRICAL LEGEND**











**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41-YOKE-999-3Bd2Ba FarmHouse-350

DRAWING NAME

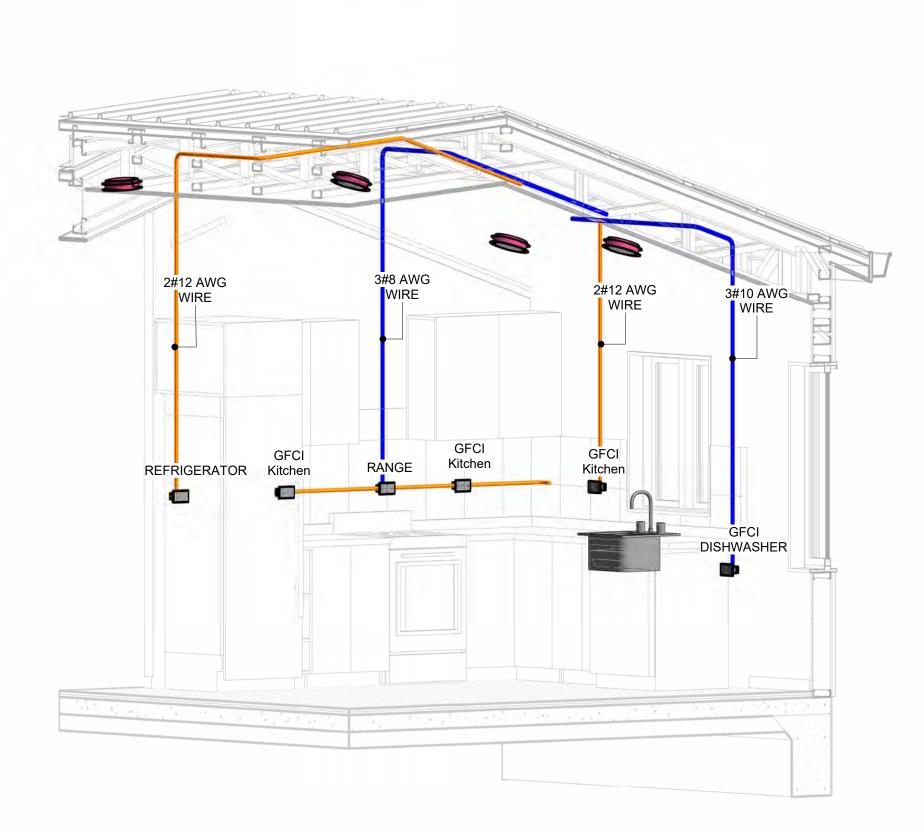
# LIGHTING

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	2/10/2025 7:48:54 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

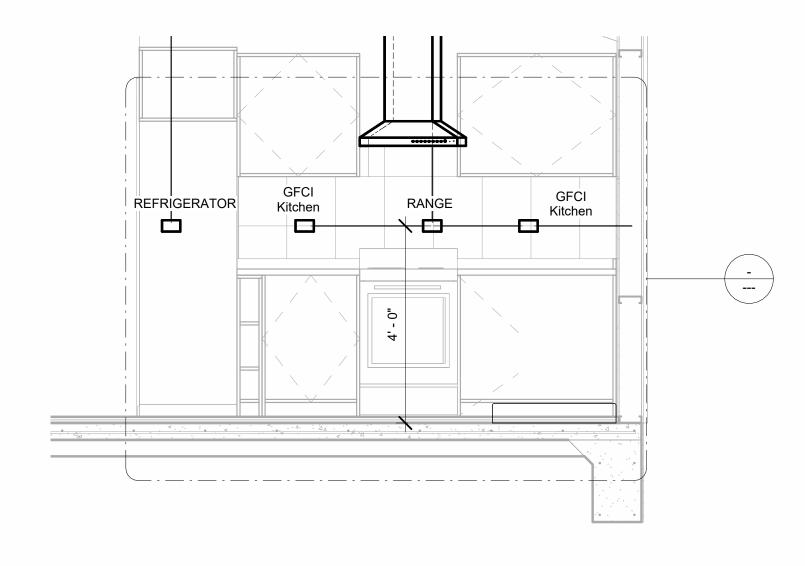
E102

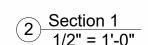
# **NOTES: CONDUIT, CABLE AND WIRING**

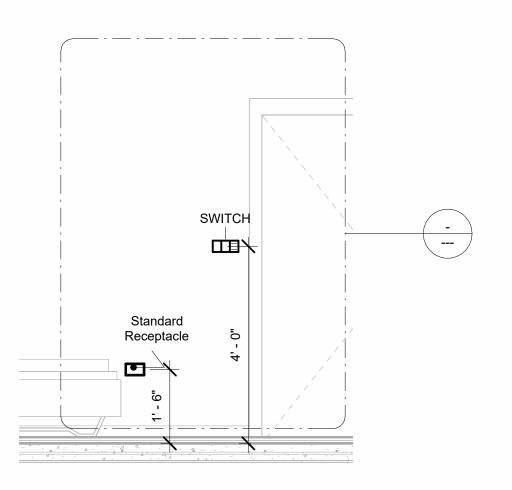
- Use Metalic Conduits (IMC) for cables running under concrete slabs.
   Use IMC for circuits with high voltage appliances (240 volts and above)
   For circuits with 120 volts consider using EMT or PVC conduits if needed.
   For Low voltage applications up to 50 volts consider using non metalic conduits.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



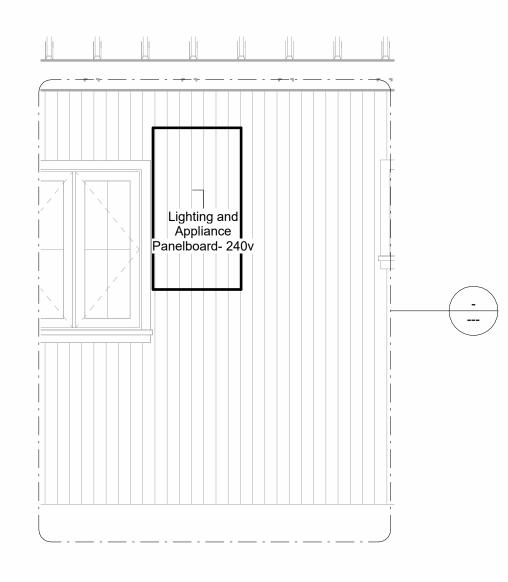


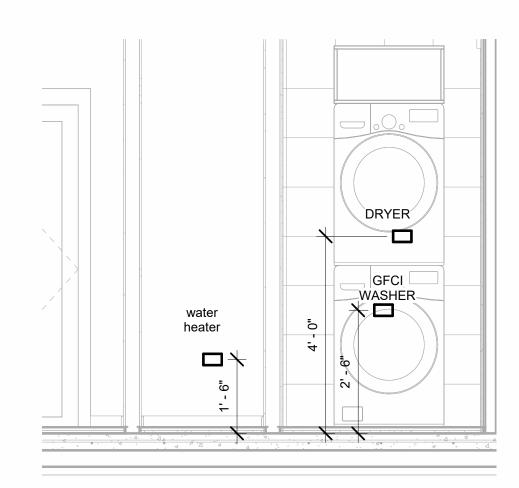






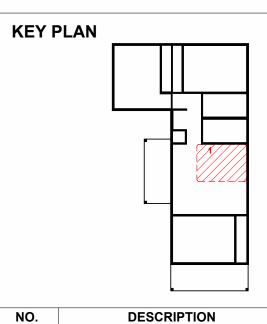
4 Section 3 1/2" = 1'-0"





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





DATE

NOTE:

LEGEND:

PROJECT

41-YOKE-999-3Bd2Ba FarmHouse-350

DRAWING NAME

# **POWER**

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	2/10/2025 7:49:20 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E103

# **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**

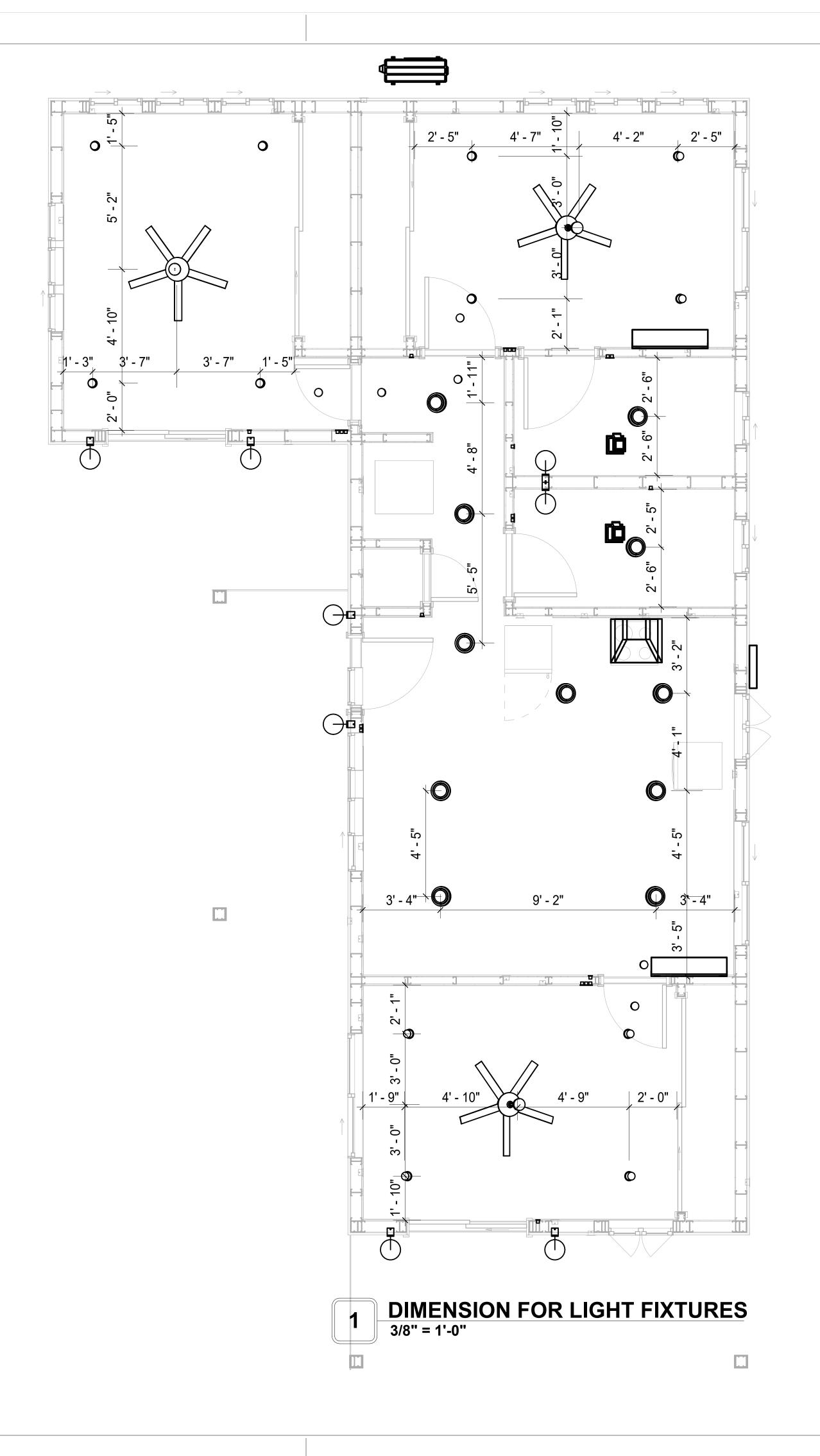
- 1. THE MINIMUM SIZE OF JUCTION BOX TO BE USED IS 2"X4"X(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
- 2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE
- JUCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"X4"X(1.5" OR 3.5" DEEP)
- 3. FOR THREE GANG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

Conduit Fitting Schedule(junction box)			
Family Count Description			

Electrical Fixture Schedule (SWITCH BOX)	
Type	Count

Lighting Device		
Type Count		
Dimmer	3	
Fan switch	3	
Single Pole	13	
Three Way	4	

Lighting Fixture			
Lighting Fixture Type Voltage Electrical Load		Electrical Load	Count
Electrical_Lights_Fan-Light1	120 V/1-100 VA- 120 V/1-100 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	3
Lighting_Other_LumenWerx_Sh ell-Recessed-8	120 V/1-60 VA	200 A, 120 V/240 V, Single Phase, 3 Wires	11
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	8





**KEY PLAN** 

DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

41-YOKE-999-3Bd2Ba FarmHouse-350

DRAWING NAME

# **DIMENSION PLAN** FOR LIGHT FIXTURES

CLIENT NAME: 0037\_14 2/10/2025 7:49:22 AM DESIGNED BY: DRAWN BY: Checker CHECKED BY:

E104

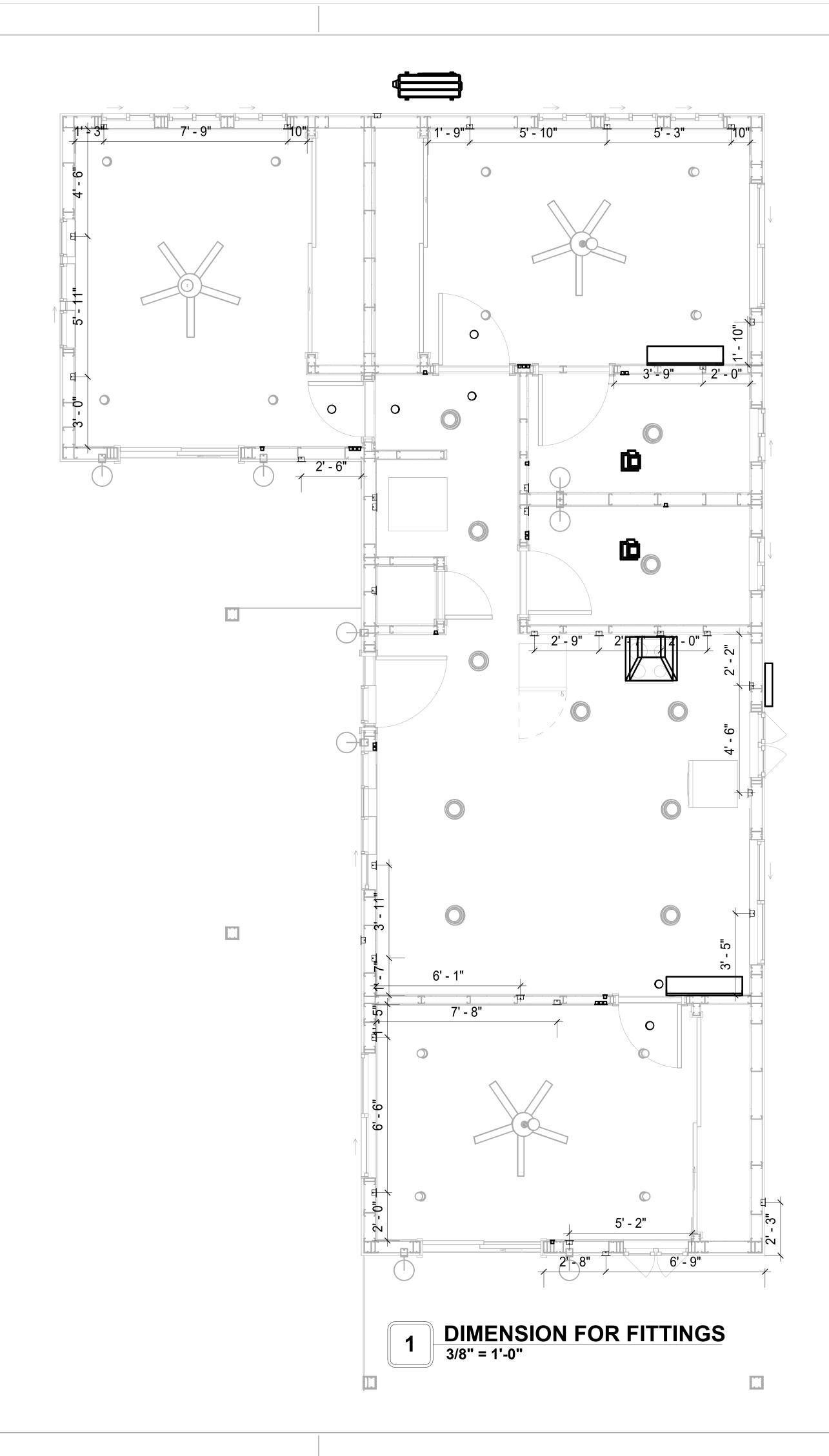
SCALE: 3/8" = 1'-0"

# 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)		
Туре	Count	
CONDENSER	1	
DRYER	1	
GFCI BATH ROOM	2	
GFCI DISHWASHER	1	
GFCI Kitchen	3	
GFCI OUT DOOR	4	
GFCI WASHER	1	
RANGE	1	
REFRIGERATOR	1	
Standard Receptacle	17	
water heater	1	

Electrical Outlet Schedule			
Туре	Circuit Number	Electrical Data	Count
CONDENSER	1,3	240 V/2-1500 VA	1
Standard Receptacle	2	120 V/1-180 VA	4
Standard Receptacle	4	120 V/1-180 VA	5
Standard Receptacle	8	120 V/1-180 VA	4
Standard Receptacle	9	120 V/1-180 VA	4
GFCI Kitchen	10	120 V/1-180 VA	3
REFRIGERATOR	11	120 V/1-1500 VA	1
GFCI DISHWASHER	12	120 V/1-1200 VA	1
RANGE	13,15	240 V/2-1500 VA	1
GFCI BATH ROOM	14	120 V/1-180 VA	1
GFCI BATH ROOM	16	120 V/1-180 VA	1
GFCI WASHER	17	120 V/1-1200 VA	1
DRYER	18,20	240 V/2-1500 VA	1
water heater	19,21	240 V/2-1500 VA	1
GFCI OUT DOOR	22	120 V/1-180 VA	4





**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

41-YOKE-999-3Bd2Ba FarmHouse-350

DRAWING NAME

# DIMENSION PLAN FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0037_14
DATE:	2/10/2025 7:49:23 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

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

# SHEET LIST

SHEET NUMBER SHEET NAME

P101 NOTE AND SCHEDULE
P102 WATER SUPPLY AND SEWAGE
SYSTEM

PIPE COLOF	RSCHEME
	DOMESTIC COLD WATE DOMESTIC HOT WATER
	SANITARY VENT SANITARY SEWER
	STORM DRAINAGE
	GRAY WATER GAS LINE

# 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.
- 2. THE SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST INTERNATIONAL PLUMBING CODE (IPC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL OTHER RELEVANT LOCAL, STATE, AND NATIONAL REGULATIONS.
- ALL PLUMBING WORK SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND THE LOCAL PLUMBING CODE.
- 4. PLUMBING SYSTEMS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE LOCAL PLUMBING CODE REQUIREMENTS.
- 5. PLUMBING FIXTURES SHALL BE INSTALLED WITH THE APPROPRIATE TRIM, FITTINGS, AND
- ACCESSORIES, AS RECOMMENDED BY THE MANUFACTURER.

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

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

  19. CROSS-LINKED POLYETHYLENE (PEX) SHALL BE USED FOR THE WATER SUPPLY SYSTEM.
- 20. POLYVINYL CHLORIDE (PVC) SHALL BÉ 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
- 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>U</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" 49 FT					
ACRYLONITRILE BUTADIENE STYRENE (ABS) 2" 66 FT					
ACRYLONITRILE BUTADIENE STYRENE (ABS) 3" 18 FT					
CROSS-LINKED POLYETHYLENE (PEX) 1/2" 84 FT					
CROSS-LINKED POLYETHYLENE (PEX)	3/4"	54 FT			

FITTING SCHEDULE						
FITTING	SIZE	QTY				
DOMESTIC COLD WATER						
DOMESTIC COLD WATER PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	12				
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	4				
PEX TEE ELBOW	1/2"ø-1/2"ø	4				
PEX TEE ELBOW	3/4"ø-3/4"ø-3/4"ø	6				
PEX TRANSITION ELBOW	1"ø-3/4"ø	2				
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	5				
LX HANOIHON LEBOW	014 W-112 W	<u> </u>				
DOMESTIC HOT WATER						
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	10				
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	4				
PEX TEE ELBOW	1/2"ø-1/2"ø	3				
PEX TEE ELBOW	3/4"ø-3/4"ø	3				
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	4				
RAIN WATER						
ABS 90 DEGREE BEND ELBOW	2"ø-2"ø	3				
PVC 90 DEG BEND ELBOW	2"ø-2"ø	3				
SEWAGE ABS 90 DEGREE BEND ELBOW ABS 90 DEGREE BEND ELBOW	1 1/2"ø-1 1/2"ø 2"ø-2"ø	1				
ABS 90 DEGREE BEND ELBOW	3"ø-3"ø	2				
ABS P-TRAP	1 1/2"ø-1 1/2"ø	5				
ABS P-TRAP	2"ø-2"ø	1				
ABS P-TRAP	3"ø-3"ø	2				
ABS REDUCER ELBOW	2"ø-1 1/2"ø	1				
ABS REDUCER ELBOW	3"ø-1 1/2"ø	1				
ABS REDUCER ELBOW	3"ø-2"ø	1				
ABS TEE ELBOW	2"ø-2"ø	1				
ABS TEE ELBOW	3"ø-3"ø-3"ø	1				
ABS TEE REDUCER ELBOW	3"ø-3"ø-1 1/2"ø	2				
ABS TEE REDUCER ELBOW  ABS TEE REDUCER ELBOW	3"ø-3"ø-2"ø					
ABS TRAP P	2"ø-2"ø	1 1				
ABS WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø	1				
ABS WASTE DOUBLE TEE	3"ø-3"ø-3"ø-3"ø	1				
WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø	1				
WASTE DOUBLE TEE WASTE DOUBLE TEE	2"ø-2"ø-2"ø	1				
WAS IE DOUBLE TEE	2 6-2 6-2 6					
VENT						
ABS VENT CAP ELBOW	1 1/2"ø	3				
ABS VENT CAP ELBOW	2"ø	2				

# FIXTURE CONNECTION SCHEDULE

W V TRAP CW HW QTY DFU TOT. WFU TOT.

NOTES

**FAMILY** 

DISHWASHER	2"	1-1/2"	1-1/2"	1/2"	1/2"	1		0			DRAIN TO SEWER SEE PLANS
DRYER	N/A	N/A	N/A	N/A	N/A	1		0			
SHOWER TRAY	2"	1-1/2"	1-1/2"	1/2"	1/2"	2		0			
SHOWER TRIM	-	-	-	1/2"	1/2"	2		0			
SINK ISLAND SINGLE	2"	1-1/2"	1-1/2"	1/2"	1/2"	1		0			
VANITY SINK	2"	1-1/2"	1-1/2"	1/2"	1/2"	2		0			
WASHER	2"	1-1/2"	2"	1/2"	1/2"	1	2	2	1.4	1.4	DRAINS TO GRAY WATER OR SEWER SEE PLANS
WATER CLOSET	3"	2"	3"	1/2"	1/2"	2	3	6	2.2	2.2	
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"	1		0			

	FIXTURE SCHEDULE								
FIXTURE	QTY	DESCRIPTION							
DISHWASHER	1	DRAIN TO SEWER SEE PLANS							
DRYER	1								
SHOWER TRAY	2								
SHOWER TRIM	2								
SINK ISLAND SINGLE	1								
VANITY SINK	2								
WASHER	1	DRAINS TO GRAY WATER OR SEWER SEE PLANS							
WATER CLOSET	2								
WATER HEATER	1								

WATER FIXTURE UNIT SCHEDULE								
FAMILY	QTY	UNIT VALUE	TOTAL					
DISHWASHER	1		0					
DRYER	1		0					
SHOWER TRAY	2		0					
SHOWER TRIM	2		0					
SINK ISLAND SINGLE	1		0					
VANITY SINK	2		0					
WASHER	1	1.4	1.4					
WATER CLOSET	2	2.2	4.4					
WATER HEATER	1		0					

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	1-1/2"	2"	1-1/2"	1/2"	1/2"				
SHOWER TRIM	-	-	-	1/2"	1/2"				
SINK ISLAND SINGLE	1-1/2"	2"	1-1/2"	1/2"	1/2"				
VANITY SINK	1-1/2"	2"	1-1/2"	1/2"	1/2"				
WASHER	2"	2"	1-1/2"	1/2"	1/2"				
WATER CLOSET	3"	3"	2"	1/2"	1/2"				
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"				

ACCESSORIES & FITTINGS SCHEDULE							
FIXTURE QTY DESCRIPTIONS							
DISHWASHER CONNECTOR	1						
HANGING PIPES CLAMP	6						
HOSE BIB	1						
LAUNDRY SWEAT CONNECTOR	1						
ROOF DRAIN SCUPPER	3						
SHUTOFF VALVE	8						

WASTE FIXTURE UNIT SCHEDULE										
FAMILY QTY DFU VALUES TOTAL										
DISHWASHER	1		0							
DRYER	1		0							
SHOWER TRAY	2		0							
SHOWER TRIM	2		0							
SINK ISLAND SINGLE	1		0							
VANITY SINK	2		0							
WASHER	1	2	2							
WATER CLOSET	2	3	6							
WATER HEATER	1		0							



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

42-Yoke-999-3Bd2Ba Spanish-550

DRAWING NAME

# NOTE AND SCHEDULE

 CLIENT NAME:

 PROJECT NUMBER:
 0162\_15

 DATE:
 2/10/2025 10:44:46 AM

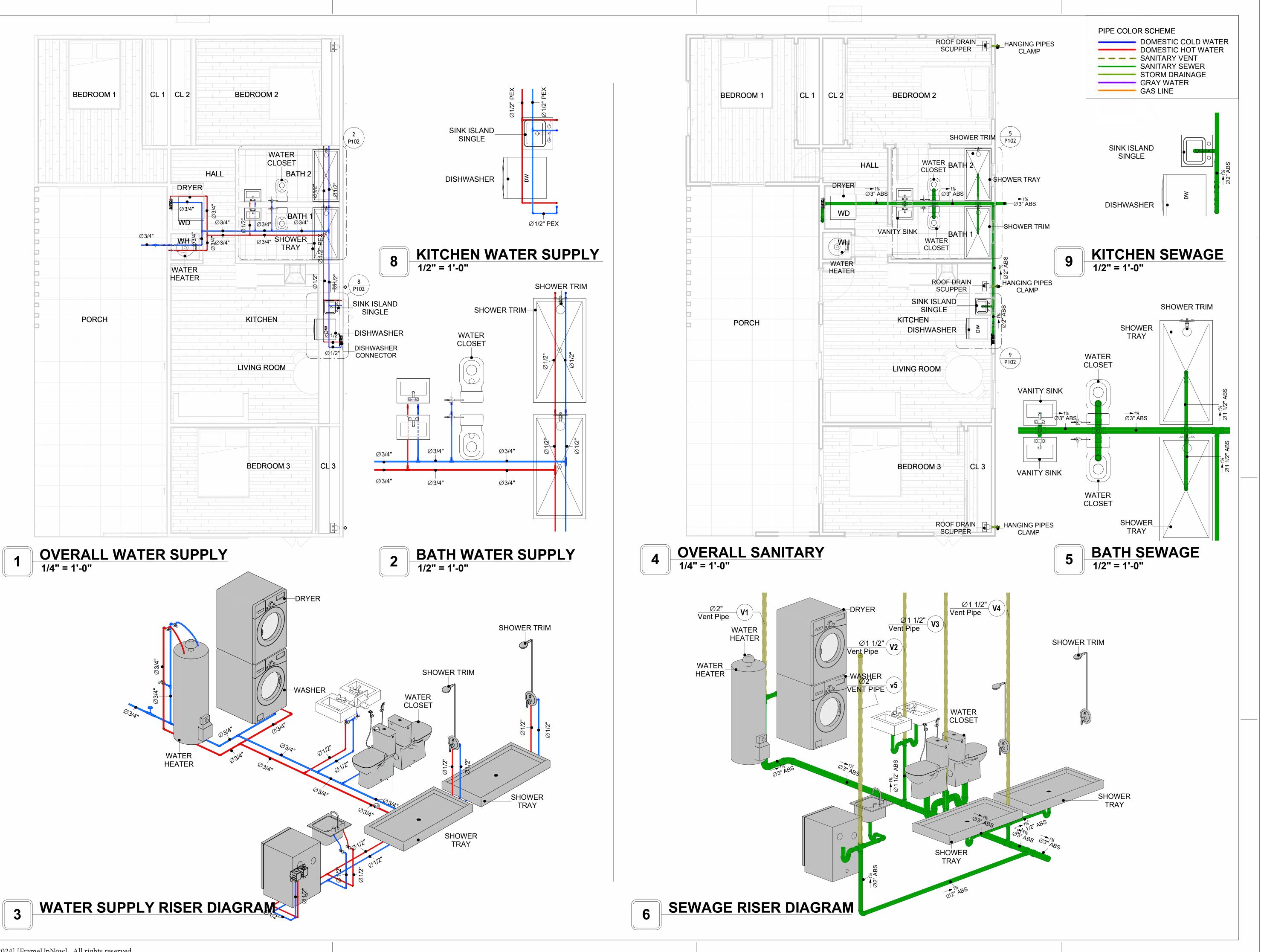
 DESIGNED BY:
 Designer

 DRAWN BY:
 Author

 CHECKED BY:
 Checker

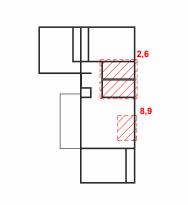
P101

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





**KEY PLAN** 



NO.	DESCRIPTION	DATE

LEGEND:

NOTE:

PROJECT

42-Yoke-999-3Bd2Ba Spanish-550

DRAWING NAME

# WATER SUPPLY AND **SEWAGE SYSTEM**

CLIENT NAME:	
PROJECT NUMBER:	0162_15
DATE:	2/10/2025 10:45:17 AN
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

P102

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

#### Yoke-3Bd2Ba-Farmhouse





# Yoke-3Bd2Ba-Farmhouse 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



10

15

#### 

**Table Of Content** 

#### **Have It Your Way!**

ARCHITECTURAL BOM

PLUMBING BOM

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**

**4** PLUMBING BOM

6 ARCHITECTURAL BOM

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

#### **ARCHITECTURAL BOM**



	Yoke-3Bd2Ba-Farmhouse									
	ARCHITECTURAL MATERIAL SHOPPING LIST									
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description			
	APPLIANCES									
	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	15						
2	Laundry Cabinet		FT	2.25						
3	Vanity Cabinet		FT	2.5						
4	Medicine Cabinet		PCS	2						
5	Kitchen countertop		SF	22.82						
6	Laundry Countertop		PCS	0						
7	Bathroom Countertop		SF	0						
8	Island		FT	0						
9	Peninsula		FT	0						
10	Closets		SF	180.5						
Δ	CEILING	•								
1	Ceiling Board	Dry Wall	SF	836						
2	Dry Wall Fastener	Screw	PCS	1463						
3	Vapor Retarder	Polyethylene film	SF	1039						
4	Vapor Retarder Fastener	Nails with washer heads	PCS	3117						
5	Ceiling Board (MRD)	Moisture resistant drywall	SF	104						
6	MRD Fastener		PCS	182						
7	Ceiling Board	Marine Plywood	SF	99						
8	Marine Plywood Fastener	Screw	PCS	173.25						
9	Dry Wall Tape		FT	519.5						
Δ	FLOORING	<del></del>		-	<del></del>	<del></del>				
1	Main Living Space		SF	291.22						
2	Bathroom		SF	92.2						
3	Bedrooms		SF	488.9						
4	Porch		SF	177						
Δ	STRUCTURE									
	Foundation		SF	1162.2						
	WALLS EXTERIOR		1	1 1142121		<u> </u>				
1	Exterior Wall Stucco finish		SF	1222						
2	Wall Paint		SF	1222						
	Wall Shteathing (OSB)		SF	1222						
4	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	12.22						
	Wall Insulation	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	SF	1809						
	Wall Homewrap		SF	1222						
	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	4.6436						
8	Furring Strip	pro- reasons (Essiphy)	PCS	152.75						
	Furring Strip Fastener	Self-drilling screws(100/pkt)	PKT	12.22						
10	Stone Copping	Masonry stone	SF	0						
11	Stone Veneer	Masonry stone	SF	0						
	WALLS INTERIOR	mason j stone	51	10						
1	Cementitious Backer Board		SF	576						
2	Kerdi membrane	-	SF	576						
3	Kerdi membrane Fastener		SF	576	-	-				
	Wall Ceramic Tile		SF	576		-				
	Drywall Board		SF	1978	-	-				
6	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	19.78	-					
	Wall Paint	Sell-utiliting Sciews(100/pkt)	SF	19.78						
1	Drywall Tape		FT	344.0039161	-					
8	Wall Skerting		FT	228	-					
0	į vvaii Skei iii iy		FI	220						

#### **ARCHITECTURAL BOM**



$\cap$	DOORS					
<u></u>	Exterior Swinging	3' - 0" X 6'-8"	PCS	1		
1		2' - 4" X 6'-8"	PCS	1		
2	Interior Swinging					
3	Interior Swinging	2' - 6" X 6'-8"	PCS	1		
4	Interior Swinging	2' - 8" X 6'-8"	PCS	2		
5	Interior Swinging	3' - 0" X 6'-8"	PCS	2		
6	Interior Sliding	9' - 6" X 6'-8"	PCS	3		
7	Patio Sliding	5' - 0" X 6'-8"	PCS	2		
8	Exterior Door Trim		FT	53.02		
9	Interior Door Trim		FT	248.08		
10	Entry Lock set		PCS	3		
11	Privacy Lock set		PCS	5		
12	Passage Lock set		PCS	4		
Δ	WINDOWS	·				
1	Casement	2' - 9" X 3'-3"	PCS	2		
2	Single Hung	2' - 3" X 3'-3"	PCS	6		
3	Sliding	2' - 3" X 1'-9"	PCS	2		
4	Sliding	5' - 3" X 4'-3"	PCS	5		
5	Awning	1'-9" X 1'-9"	PCS	6		
6	Exterior Window Trim		FT	222		
7	Interior Window Trim		FT	222		
Δ	ROOF					
1	Roof Covering		SF	1283		
2	Roof Covering Fastener		PCS	641.5		
3	Roof Felt Paper		SF	1283		
4	Roof Felt Paper Fastener		PCS	3849		
5	Roof Sheathing		SF	1283		
6	Roof Sheathing Fastener		PCS	10264		
7	Batten		FT	646		
8	Batten Fastener		PCS	485.7142857		
9	Soffit		SF	136		
10	Soffit Fastener		PCS	68		
	Fascia		FT	224		
12	Fascia board fastener		PCS	112		
	Roof Insulation		SF	1283		
13	TOOL ITSUIGHOU		Ji	1200		



		Yoke	-3Bd2Ba-F	armhous	е		
		ELECTRICAL	MATERIA	L SHOPP	ING LIST		
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description
Δ	LIGHTING FIXTURES						
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			2	
7	Bathroom Ceiling Light		PCS			2	
8	Livingroom Ceiling Light		PCS			3	
9	Bed Ceiling Light		PCS			12	
10	Hall & Entry Ceiling Light		PCS			3	
11	Smoke Detector		PCS			6	
Δ	ELECTRICAL FITTINGS		<u> </u>				
12	Standard Receptacle 120V	20 A	PCS			17	
	GFCI Receptacle 120V	20 A	PCS			11	
14	GFCI Receptacle 240V	30 A	PCS			3	
	GFCI Receptacle 240V	40 A	PCS			0	
	GFCI Receptacle 240V	50 A	PCS			1	
	GFCI Receptacle 240V	60 A	PCS			1	
	Fan Switch		PCS			3	
	Single Pole Switch		PCS			13	
20	Three Way Switch		PCS			4	
21	Dimmer Switch		PCS			3	
	ELECTRICAL CONDUITS & WIRING					-	
	ROMEX 14 AWG	14/2 w/ground	FT			0	
	ROMEX 12 AWG	12/2 w/ground	FT			613.5	
	ROMEX 12 AWG	12/3 w/ground	FT			0	
	ROMEX 10 AWG	10/3 w/ground	FT			75	
	ROMEX 8 AWG	8/3 w/ground	FT			15	
	ROMEX 6 AWG	6/3 w/ground	FT			51	
	Bare Copper Ground Wire 6 AWG						
Δ	ELECTRICAL BOXES & CIRCUTES						
	Panelboard -240V 1 Phase MLO	200 AMP	PCS			1	
30	Circuit breaker	15 A	PCS			1	
31	Circuit breaker	20 A	PCS			14	
32	Circuit breaker	30 A	PCS			3	
	Circuit breaker	40 A	PCS			0	
	Circuit breaker	50 A	PCS			1	
35	Circuit breaker	60 A	PCS			1	
36	Single Gang Switch Box		PCS			7	
37	Double Gang Switch Box		PCS			3	
39	Triple Gang Switch Box		PCS			3	
40	Pull Box	#1/4	PCS			24	
	Receptacle Box	n 11 T	PCS			33	

#### **PLUMBING BOM**

13 Flex Pipe Round



#### Yoke-3Bd2Ba-Farmhouse PLUMBING SYSTEM MATERIAL SHOPPING LIST Quantity Unit Price Total Description Item Unit □ PLUMBING FIXTURES & ACCESSORIES 1 Bath Tub (Alcove Tub) PCS 2 Kitchen Sink 3 Kitchen Faucets PCS 1 PCS 4 Vanity Sink PCS 2 5 Bath room Faucets PCS 2 6 Water Closet PCS 7 Shower Trim PCS 8 Shower Tray PCS 2 9 Water Heater PCS PCS 10 Hose Bib 11 Shutoff Valve PCS 8 12 Hanging pipe clamp PCS 19 13 Gate Valve PCS 14 Dishwasher Supply Single Connector PCS 1 15 Dishwasher Sewage Single Connector PCS 16 Laundry Sweat Connector PCS 1 SANITARY & PLUMBING PIPES ABS (Acrylonitrile Butadiene Styrene) Pipes ABS (Acrylonitrile Butadiene Styrene) Pipes ø 1" FT 0 ø 1 1/2" FT 59 3 ABS (Acrylonitrile Butadiene Styrene) Pipes ø 2" FT 15 4 ABS (Acrylonitrile Butadiene Styrene) Pipes ø 3" FT 42 5 PEX (Cross-linked polyethylene) Pipes ø 1/2" FT 90 6 PEX (Cross-linked polyethylene) Pipes ø 3/4" FT 60 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 0 10 PVC Pipes Sch.80 - Rigid ø 3" FT 0 11 Flex Pipe Round ø 1/2" PCS 8 12 Flex Pipe Round ø 3/4" PCS 0

PCS

0

ø 1"

#### **PLUMBING BOM**



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

# **HVAC BOM**



		Yoke-3Bd	2Ba-Fa	rmhouse			
		HVAC SYSTEM MA	TERIAL	SHOPP	ING LIST		
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description
Δ	HVAC_DUCTS						
1	PIPE (REFRIGERANT LINE)	1/4" Ø	FT	0.88			
2	PIPE (REFRIGERANT LINE)	3/4" Ø	FT	41.51			
3	PIPE (REFRIGERANT LINE)	1/2" Ø	FT	0.87			
4	PIPE (REFRIGERANT LINE)	3/4" Ø	FT	47.71			
5	DRAYER HOSE	5" Ø	FT	6.9			
6	FLEX DUCT ROUND	4"	FT	5			
	DUCT FITTINGS & ACCESSORIES						
7	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	1			
8	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)	PCS	1			
9	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	11			
10	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)	PCS	8			
11	TRANSITION (REFRIGERANT	3/4" (Ø)-1/2" (Ø)	PCS	5			
12	TRANSITION (REFRIGERANT	3/4" (Ø)-3/8" (Ø)	PCS	4			
13	TRANSITION (REFRIGERANT	3/8" (Ø)-1/4" (Ø)	PCS	1			
14	ROUND TRANSITION(ANGLE)	45 DEGREE	PCS	5			
	HVAC_EQUIPMENTS						
15	AIR HANDLING UNIT	WALL MOUNTED	PCS	4			
16	CONDENSER	OUTDOOR UNIT	PCS	1			
17	EXHAUST FAN	75 CFM	PCS	2			
18	EXHAUST HOOD	WALL MOUNTED	PCS	2			
19	HOOD-WALL: VENT	HOOD-WALL: VENT	PCS	1			
20	DRAYER: VENT	DRAYER: VENT	PCS	1			
21	ROOF VENT	3"(Ø)	PCS	3			



#### **Table Of Content**

#	Name	Link	Page No
1	Cover Page	<u>Cover Page</u>	1
2	TOC	TOC	2
3	ELECTRICAL BOM	ELECTRICAL BOM	3
5	HVAC BOM	HVAC BOM	7
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**

- This BOM (Bill of Materials) is prepared as a Materials Shopping List to help builders and DIYers gain a complete understanding of most if not all elements required for the complete construction of this structure, according to the original design documents provided by FrameUpNow.
- 2 All quantities and specifications are subject to change based on the final design, field measurements, availability of products and customer preferences. The customer should verify all information prior to purchasing materials.
- 3 All products and elements in the list shall conform to the International Residential Code (IRC), or any other local and international building codes, safety regulations, and standards that are applicable to the location of the structure.
- 4 If any changes are made by the customer to the list of materials specified in this document, the customer is responsible for assuring that the correct type and quantity of materials are utilized in accordance with local building codes.
- 5 FrameUpNow, will not be held responsible for any misuse of this document, the products listed, or for deviations from the content that are made due to changes in specifications, pricing, availability, or customer preferences.
- 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
L	Kitchen Ceiling Light			PCS	3		
	Exterior Wall Mounted Light			PCS	6		
	Livingroom Ceiling Light With Fan			PCS	0		
	Bedroom Ceiling Light With Fan			PCS	3		
	Dining Ceiling Light			PCS	0		
i	Bath Wall Mounted Light			PCS	2		
	Bathroom Ceiling Light			PCS	2		
	Livingroom Ceiling Light			PCS	3		
	Bed Ceiling Light			PCS	12		
0	Hall & Entry Ceiling Light			PCS	3		
1	Smoke Detector			PCS	6		
.2							
.3							
4							
5							



			ELECTRICAL FITTINGS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Standard Receptacle 120V	20 A		PCS	17		
2	GFCI Receptacle 120V	20 A		PCS	11		
3	GFCI Receptacle 240V	30 A		PCS	3		
4	GFCI Receptacle 240V	40 A		PCS	0		
5	GFCI Receptacle 240V	50 A		PCS	1		
6	GFCI Receptacle 240V	60 A		PCS	1		
7	Fan Switch			PCS	3		
8	Single Pole Switch			PCS	13		
9	Three Way Switch			PCS	4		
10	Dimmer Switch			PCS	3		
11							
12							
13							
14							
15							



		Е	LECTRICAL CONDUITS & WIRING				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ROMEX 14 AWG	14/2 w/ground		FT	0		
2	ROMEX 12 AWG	12/2 w/ground		FT	614		
3	ROMEX 12 AWG	12/3 w/ground		FT	0		
4	ROMEX 10 AWG	10/3 w/ground		FT	75		
5	ROMEX 8 AWG	8/3 w/ground		FT	15		
6	ROMEX 6 AWG	6/3 w/ground		FT	51		
7	Bare Copper Ground Wire 6 AWG						
8							
9							
10							
11							
12							
13							
14							
15							



			ELECTRICAL BOXES & CIRCUTE	S			
#	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	1		
3	Circuit breaker	20 A		PCS	14		
4	Circuit breaker	30 A		PCS	3		
5	Circuit breaker	40 A		PCS	0		
6	Circuit breaker	50 A		PCS	1		
7	Circuit breaker	60 A		PCS	1		
8	Single Gang Switch Box			PCS	7		
9	Double Gang Switch Box			PCS	3		
10	Triple Gang Switch Box			PCS	3		
11	Pull Box	#1/4		PCS	24		
12	Receptacle Box			PCS	33		
13							
14							
15							

# **HVAC BOM**



			HVAC_DUCTS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	0.58		
	PIPE (REFRIGERANT LINE)			FT	107.86		
	PIPE (REFRIGERANT LINE)			FT	0.59		
	PIPE (REFRIGERANT LINE)			FT	162.72		
		4" (Ø)		FT	3.6		
6	FLEX DUCT ROUND	4" (Ø)		FT	7.8		

# **HVAC BOM**



		D	UCT FITTINGS & ACCESSORIES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	CROSS (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)-3/4" (Ø)		PCS	1		
2	CROSS (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)-3/8" (Ø)		PCS	1		
3	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)		PCS	1		
4	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)		PCS	1		
5	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)		PCS	40		
6	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)		PCS	30		
7	TEE (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)-3/4"		PCS	1		
8	TEE (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)-3/8"		PCS	1		
9	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-1/2" (Ø)		PCS	5		
10	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-5/8" (Ø)		PCS	4		
11	TRANSITION (REFRIGERANT LINE)	3/8" (Ø)-1/4" (Ø)		PCS	1		
12	ROUND TRANSITION(ANGLE)	45 DEGREE		PCS	8		

# **HVAC BOM**



			HVAC_EQUIPMENTS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	AIR HANDLING UNIT	WALL MOUNTED		PCS	4		
2	CONDENSER	OUTDOOR UNIT		PCS	1		
3	EXHAUST FAN	75 CFM		PCS	2		
1	HOOD-WALL: VENT	HOOD-WALL: VENT		PCS	1		
5	DRAYER: VENT	DRAYER: VENT		PCS	1		
6	ROOF VENT	3"(Ø)		PCS	3		



		PLUMBII	NG FIXTURES & ACCESSORIES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Bath Tub (Alcove Tub)			PCS	0		
2	Kitchen Sink			PCS	1		
3	Kitchen faucets			PCS	1		
4	Vanity Sink			PCS	2		
5	Bath room faucets			PCS	2		
6	Water Closet			PCS	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	8		
12	Hanging pipe clamp			PCS	20		
13	Globe Valve			PCS	1		
14	Dishwasher Supply Single Connector			PCS	1		
15	Dishwasher Sewage Single Connector			PCS	1		
16	Laundry Sweat Connector			PCS	1		



		SANI	TARY & PLUMBING PIPES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"		FT	0		
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"		FT	59		
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"		FT	15		
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"		FT	42		
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"		FT	90		
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"		FT	60		
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	0		
10	PVC Pipes Sch.80 - Rigid	ø 3"		FT	0		
11	Flex Pipe Round	ø 1/2"		FT	8		
12	Flex Pipe Round	ø 3/4"		FT	0		
13	Flex Pipe Round	ø 1"		FT	0		
14							
15							



		PI	PE FITTINGS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	14		
	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	4		
	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	4		
	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	5		
	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	5		
)	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	13		
'	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	5		
}	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	3		
	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	3		
0	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	4		
1	ABS 90 Degree Bend Elbow	3"ø-3"ø		PCS	4		
2	ABS P-Trap	1 1/2"ø-1 1/2"ø		PCS	5		
3	ABS P-Trap	3"ø-3"ø		PCS	2		
4	ABS Reducer Elbow	3"ø-1 1/2"ø		PCS	4		
5	ABS Reducer Elbow	3"ø-2"ø		PCS	2		



		PIPE I	FITTINGS 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	ABS Reducer Elbow	3"ø-3"ø		PCS	1		
	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø		PCS	1		
	ABS TEE Elbow	2"ø-2"ø		PCS	1		
	ABS TEE Elbow	3"ø-3"ø-3"ø		PCS	5		
	ABS Trap P	2"ø-2"ø		PCS	1		
	ABS WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø-1 1/2"	ð	PCS	1		
	ABS WASTE DOUBLE TEE	3"ø-3"ø-3"ø		PCS	1		
	WASTE DOUBLE TEE	1 1/2"ø-1 1/2"ø-1 1/2"ø-1 1/2"	3	PCS	1		
	ABS Vent Cap Elbow	1 1/2"ø		PCS	4		
0	ABS Vent Cap Elbow	2"Ø		PCS	1		
1							
2							
3							
4							
5							



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



			CASEWORKS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Cabinet			FT	15		
2	Laundry Cabinet			FT	2.25		
3	Vanity Cabinet			FT	2.5		
4	Medicine Cabinet			PCS	2		
5	Kitchen countertop			SF	22.82		
6	Laundry Countertop			PCS	0		
7	Bathroom Countertop			SF	0		
8	Island			FT	0		
9	Peninsula			FT	0		
10	Closets			SF	180.5		
11							
12							
13							
14							
15							



			CEILING 01				
#	item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	LIVING ROOM + KITCHEN +	DINING		SF	261.0		
1	Ceiling Board	Drywall		SF	261		
2	Drywall Fastener	Screw		PCS	457		
3	Vapor Retarder	Polyethylene film		SF	261.0		
4	Vapor Retarder Fastener	Nails with washer heads		PCS	783.0		
	BATH ROOM 1			SF	52.0		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	52		
6	MRD Fastener	Screw		PCS	91		
	BATH ROOM 2			SF	52.0		
7	Ceiling Board	MRD (Moisture resistant drywall)		SF	52		
8	MRD Fastener	Screw		PCS	91		
9	PORCH			SF	99.0		
10	Ceiling Board	Marine Plywood		SF	99		
	Exterior Grade Plywood	Screw		PCS	173		
11							
12							



			CEILING 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BED ROOM 1			SF	146.0		
13	Ceiling Board	Drywall		SF	146		
14	Drywall Fastener	Screw		PCS	256		
15	Vapor Retarder	Polyethylene film		SF	146.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	438.0		
	BED ROOM 2			SF	147.0		
L7	Ceiling Board	Drywall		SF	147		
18	Drywall Fastener	Screw		PCS	257		
19	Vapor Retarder	Polyethylene film		SF	147.0		
20	Vapor Retarder Fastener	Nails with washer heads		PCS	441.0		
	BED ROOM 3			SF	146.0		
21	Ceiling Board	Drywall		SF	146		
22	Drywall Fastener	Screw		PCS	256		
23	Vapor Retarder	Polyethylene film		SF	146.0		
24	Vapor Retarder Fastener	Nails with washer heads		PCS	438.0		



			CEILING 03			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	CL 1			SF	21.0	
25	Ceiling Board	Drywall		SF	21	
26	Drywall Fastener	Screw		PCS	37	
15	Vapor Retarder	Polyethylene film		SF	21.0	
16	Vapor Retarder Fastener	Nails with washer heads		PCS	63.0	
	CL 2			SF	9.5	
17	Ceiling Board	Drywall		SF	21	
18	Drywall Fastener	Screw		PCS	37	
19	Vapor Retarder	Polyethylene film		SF	21.0	
20	Vapor Retarder Fastener	Nails with washer heads		PCS	63.0	
	CL 3			SF	25.0	
21	Ceiling Board	Drywall		SF	25	
22	Drywall Fastener	Screw		PCS	44	
23	Vapor Retarder	Polyethylene film		SF	25.0	
24	Vapor Retarder Fastener	Nails with washer heads		PCS	75.0	
	HALL			SF	61.0	
2	Ceiling Board	Drywall		SF	61	
3	Drywall Fastener	Screw		PCS	107	
4	Vapor Retarder	Polyethylene film		SF	61	
5	Vapor Retarder Fastener	Nails with washer heads		PCS	183	
	W/H	<del></del>		SF	8.0	



7	Ceiling Board	Drywall	SF	8	
8	Drywall Fastener	Screw	PCS	14	
9	Vapor Retarder	Polyethylene film	SF	8	
10	Vapor Retarder Fastener	Nails with washer heads	PCS	24	



			FLOORING INTERIOR 01			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	BEDROOM#1					
1	Bedroom Flooring			SF	141	
2	Wood underlay	Foam Pad Polyethylene		SF	141	
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	141.1	
	BEDROOM#2					
4	Bedroom Flooring			SF	147	
5	Wood underlay	Foam Pad Polyethylene		SF	147	
6	Vapor Retarder	Vapor Barrier Polyethylene		SF	146.5	
	BEDROOM#3					
7	Bedroom Flooring			SF	138	
8	Wood underlay	Foam Pad Polyethylene		SF	138	
9	Vapor Retarder	Vapor Barrier Polyethylene		SF	137.9	
	CL #1					
10	Closet Flooring			SF	21	
11	Wood underlay	Foam Pad Polyethylene		SF	21	
12	Vapor Retarder	Vapor Barrier Polyethylene		SF	21.2	



			FLOORING INTERIOR 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity U	Init Price	Total
	CL #2						
13	Closet Flooring			SF	21		
14	Wood underlay	Foam Pad Polyethylene		SF	21		
15	Vapor Retarder	Vapor Barrier Polyethylene		SF	21.2		
	CL#3						
16	Closet Flooring			SF	21		
17	Wood underlay	Foam Pad Polyethylene		SF	21		
18	Vapor Retarder	Vapor Barrier Polyethylene		SF	21.2		
	LIVING ROOM AND KITCHEN						
19	Living Area Flooring			SF	293		
20	Wood underlay	Foam Pad Polyethylene		SF	293		
21	Vapor Retarder	Vapor Barrier Polyethylene		SF	293.0		
	BATHROOM #1						
22	Tile Finish			SF	36		
23	Adhesive	1/2" Thin set Mortar		SF	36		
23	Vapor Retarder	Vapor Barrier Polyethylene		SF	35.9		



			FLOORING INTERIOR 03			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	BATHROOM #2					
24	Tile Finish			SF	37	
25	Adhesive	1/2" Thin set Mortar		SF	37	
26	Vapor Retarder	Vapor Barrier Polyethylene		SF	36.9	
	W/D					
27	Tile Finish			SF	12	
28	Adhesive	1/2" Thin set Mortar		SF	12.2	
29	Vapor Retarder	Vapor Barrier Polyethylene		SF	12	
	BOILER ROOM					
30	Tile Finish			SF	7.2	
31	Adhesive	1/2" Thin set Mortar		SF	7	
32	Vapor Retarder	Vapor Barrier Polyethylene		SF	7	



	)		FLOORING EXTERIOR			
#	item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	
	STRUCTURE			SF	1162.2	
1	Concrete Slab	4"concrete cast in situ		CF	399.34	
2	Insulation	Rigid insulation		SF	352	
3	Hard core	Compacted soil		CF	279.8	
4	Re-bar	#4 re-bar		Ton	1.16	
5	Concrete Pad	4"concrete cast in situ		CF	1.58	
6	Slab edge	Turndown		CF	367.2	
7	Footing	Cast-in-place concrete		CF	9	
	PORCH FRONT					
1	Tile Finish			SF	96.27	
2	Adhesive	1/2" Thin set Mortar		SF	96.27	
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	96.27	
	PORCH SIDE					
4	Tile Finish			SF	80.73	
5	Adhesive	1/2" Thin set Mortar		SF	80.73	
6	Vapor Retarder	Vapor Barrier Polyethylene		SF	80.73	



			WALLS: EXTERIOR			
	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit	Price Total
1	Exterior-Metal Vertical Siding			SF	1222	
2	Exterior-Metal Vertical Siding Fastener 8/panel	Self-drilling screws(100/pkt)		PKT	12.22	
3	Wall Shteathing (OSB)			SF	1222	
4	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	12.22	
5	Wall Homewrap			SF	1222	
6	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	4.64	
7	Furring Strip			PCS	152.75	
8	Furring Strip Fastener	Self-drilling screws(100/pkt)		PKT	12.22	
9	Wall Paint			SF	1222	
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	1809	
14						
15						



			WALLS: INTERIOR 01				
#	item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BATHROOM 1			SF	49		
1	Cementitious Backer Board			SF	242		
2	Kerdi membrane			SF	242		
3	Kerdi membrane Fastener			SF	242		
4	Wall Ceramic Tile			SF	242		
	BATHROOM 2	:		SF	48		
5	Cementitious Backer Board			SF	244		
6	Kerdi membrane			SF	244		
7	Kerdi membrane Fastener			SF	244		
8	Wall Ceramic Tile			SF	244		
	BEDROOM 1	:		SF	150		
9	Drywall Board			SF	327		
10	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.27		
11	Wall Paint			SF	327		
12	Drywall Tape			FT	61.3		



			WALLS: INTERIOR 02				
#	item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BEDROOM 2			SF	143		
13	Drywall Board			SF	301		
14	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.01		
15	Wall Paint			SF	301		
16	Drywall Tape			FT	56.4		
	KITCHEN			SF	72		
17	Cementitious Backer Board			SF	8		
18	Drywall Board			SF	144		
19	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.44		
20	Kerdi membrane			SF	8		
21	Kerdi membrane Fastener			SF	8		
22	Wall Ceramic Tile			SF	8		
23	Wall Paint			SF	144		
24	Drywall Tape			FT	27.2		



			WALLS: INTERIOR 03				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BEDROOM 3			SF	142		
37	Drywall Board			SF	279		
38	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.79		
39	Wall Paint			SF	279		
40	Drywall Tape			FT	52.3		
	LIVING ROOM			SF	174		
41	Drywall Board			SF	175		
42	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.75		
43	Wall Paint			SF	175		
44	Drywall Tape			FT	32.8		
	CLOSET 1			SF	20		
45	Drywall Board			SF	178		
46	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.78		
47	Wall Paint			SF	178		
48	Drywall Tape			FT	33.4		



			WALLS: INTERIOR 04				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity U	Jnit Price	Total
	CLOSET 2			SF	20		
49	Drywall Board			SF	184		
50	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.84		
51	Wall Paint			SF	184		
52	Drywall Tape			FT	34.5		
	CLOSET 3			SF	23		
53	Drywall Board			SF	146		
54	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.46		
55	Wall Paint			SF	146		
56	Drywall Tape			FT	27		
	HALL	·		SF	48		
57	Drywall Board			SF	170		
58	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.7		
59	Wall Paint			SF	170		
60	Drywall Tape			FT	32.0754717		



			WALLS: INTERIOR 05			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
	WH			SF	7	
61	Drywall Board			SF	74	
62	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.74	
63	Wall Paint			SF	74	
64	Drywall Tape			FT	14	
	WD			SF	12	
65	Cementitious Backer Board			SF	82	
66	Kerdi membrane			SF	82	
67	Kerdi membrane Fastener			SF	82	
68	Wall Ceramic Tile			SF	82	
69	Wall Skirting	Ceramic		FT	228	



			DOORS			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
1	Exterior Swinging	3' - 0" X 6'-8"		PCS	1	
2	Interior Swinging	2' - 4" X 6'-8"		PCS	1	
3	Interior Swinging	2' - 6" X 6'-8"		PCS	1	
4	Interior Swinging	2' - 8" X 6'-8"		PCS	2	
5	Interior Swinging	3' - 0" X 6'-8"		PCS	2	
6	Interior Sliding	9' - 6" X 6'-8"		PCS	3	
7	Patio Sliding	5' - 0" X 6'-8"		PCS	2	
8	Exterior Door Trim			FT	53.02	
9	Interior Door Trim			FT	248.08	
10	Entry Lock set			PCS	3	
11	Privacy Lock set			PCS	5	
12	Passage Lock set			PCS	4	
13						
14						
15						



			WINDOWS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Un	nit Price Tota	al
1	Casement	2' - 9" X 3'-3"		PCS	2		
2	Single Hung	2' - 3" X 3'-3"		PCS	6		
3	Sliding	2' - 3" X 1'-9"		PCS	2		
4	Sliding	5' - 3" X 4'-3"		PCS	5		
5	Awning	1'-9" X 1'-9"		PCS	6		
6	Exterior Window Trim			FT	222		
7	Interior Window Trim			FT	222		
8							
9							
10							
11							
12							
13							
14							
15							



			ROOF 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Roof Covering			SF	1283.0		
2	Roof Covering Fastener			PCS	642		
3	Roof Felt Paper			SF	1283.0		
4	Roof Felt Paper Fastener			PCS	3849.0		
5	Roof Sheathing			SF	1283.0		
6	Roof Sheathing Fastener			PCS	10264		
7	Batten			FT	646.0		
8	Batten Fastener			PCS	485.7		
9	Soffit			SF	136.0		
10	Soffit Fastener			PCS	68.0		
11	Fascia			FT	224.0		
12	Fascia board fastener			PCS	112		
13	Roof Insulation			SF	1283.0		
14							
15							