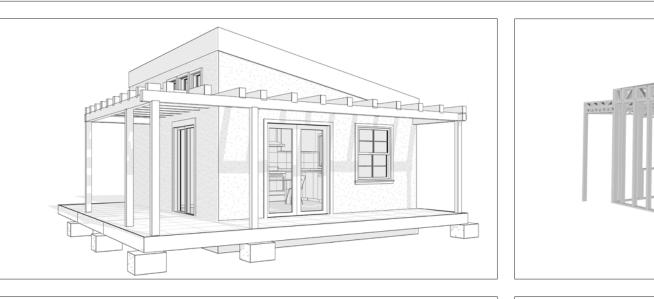
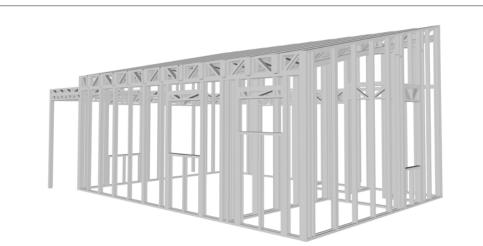


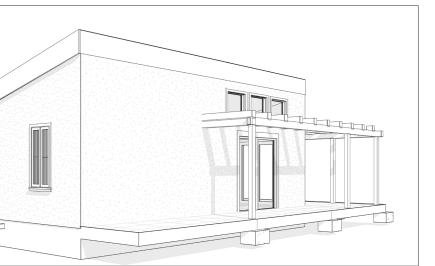
# YOKE

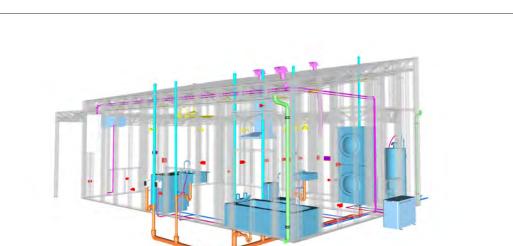
The Yoke is a charming Spanish-style studio home designed for efficient and comfortable living. Its exterior features a classic white stucco finish, a clay tile roof, and a charming pergola over the entrance, creating a warm and inviting atmosphere. The lean-to roofline adds a touch of architectural interest, while the simple design complements any surrounding landscape.

Inside, the open floor plan seamlessly integrates the living, bedroom, and kitchen areas, maximizing space and creating a sense of openness. This studio home offers a perfect blend of style and functionality for those seeking a compact and cozy living space.









# Materials Shopping List

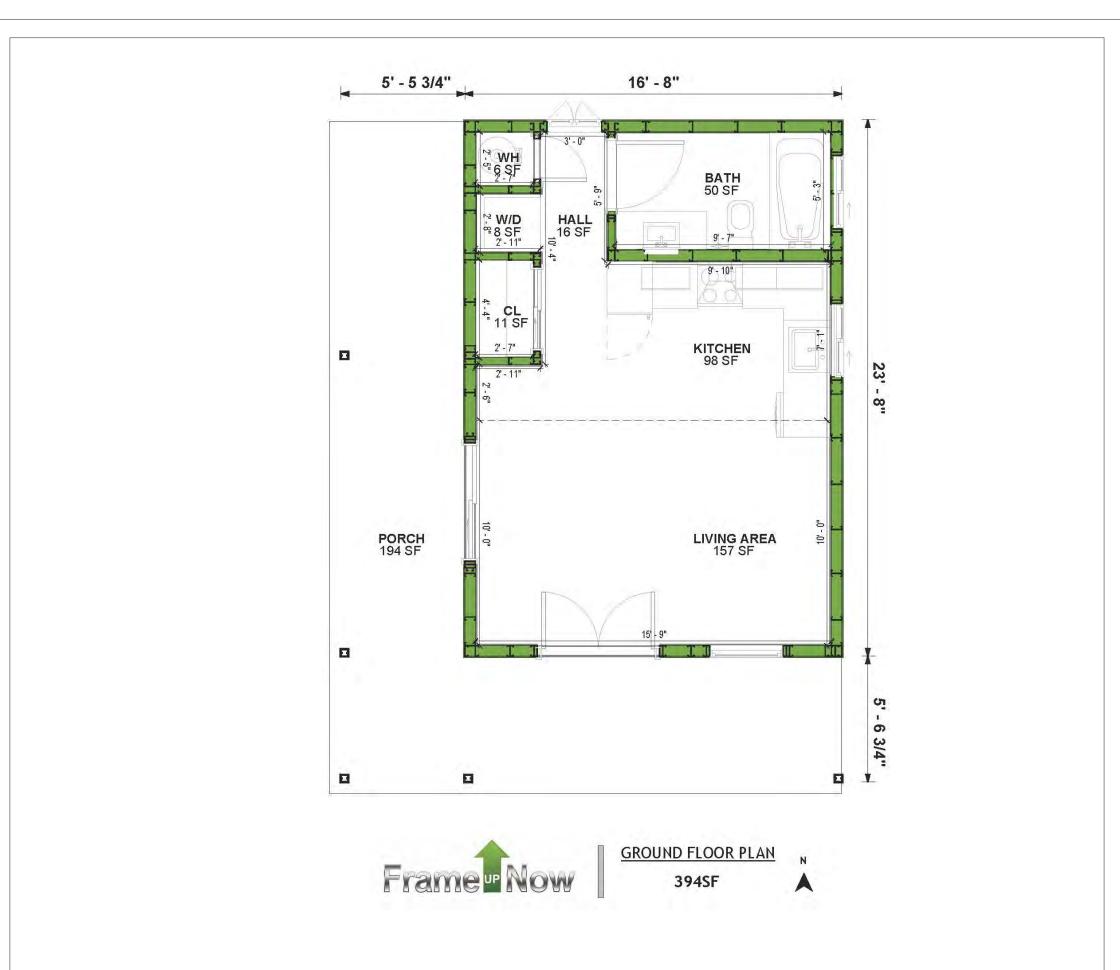
Please print and take this Materials Shopping List to your favorite Home Depot and ask for assistance in selecting the materials, fixtures and fittings to complete your new home.

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

### < CLICK HERE >

To Go To Materials Shopping List

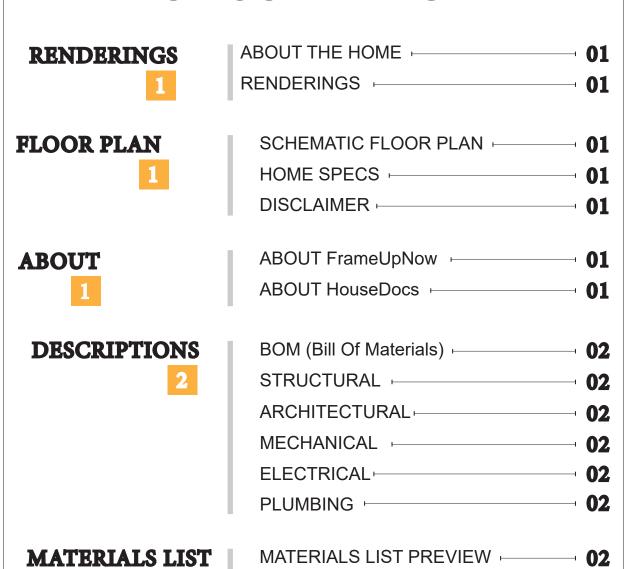




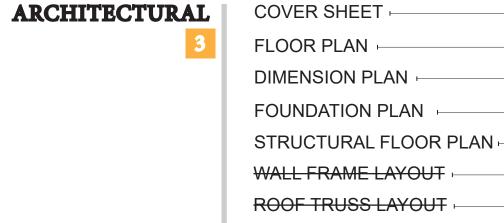
# **FLOOR PLAN**

400 SF

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**HOW TO BUILD** 



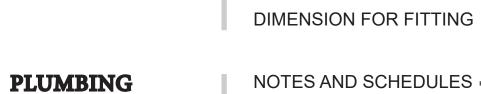
CONSTRUCTION STEPS

03

ROOF PLAN + ARCHITECTURAL ELEVATIONS -ARCHITECTURAL ELEVATIONS -ARCHITECTURAL SECTIONS -ARCHITECTURAL DETAILS ARCHITECTURAL CASEWORK

STRUCTURAL	COVER SHEET ⊢ ;
<b>16</b>	GENERAL NOTES
_	WALL FRAME LAYOUT
	WALL PANEL & LAYOUT PLAN
	ROOF TRUSS LAYOUT
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	WALL BRACING LAYOUT
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_	POWER PLAN

<b>32</b>	





WATER SUPPLY & SEWAGE SYSTEM # 38 MATERIALS SHOPPING LIST -

**DISCLAIMER** 

marketing content.

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DIMENSION FOR LIGHTING

# **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

33-Yoke-400-Studio-Spanish-550

DRAWING NAME

# INTRODUCTION

CLIEN	IT NAME:		
PROJ	ECT NUMBER:		
DATE	:		
DESI	GNED BY:		
DRAV	VN BY:		
CHEC	KED BY:		

**I101** 

SCALE:

# **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.

# 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.

# **MECHANICAL**

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.

# **ELECTRICAL**

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.

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

Detailed Riser Diagrams: Provide information needed to properly

pipes to fixtures.

# **PLUMBING**

The plumbing package includes everything needed to guide the installation of your home's water supply and drainage systems:

proper drainage.

install all vertical plumbing risers and vent stacks.

Bill of Materials: A complete list of every component needed, from

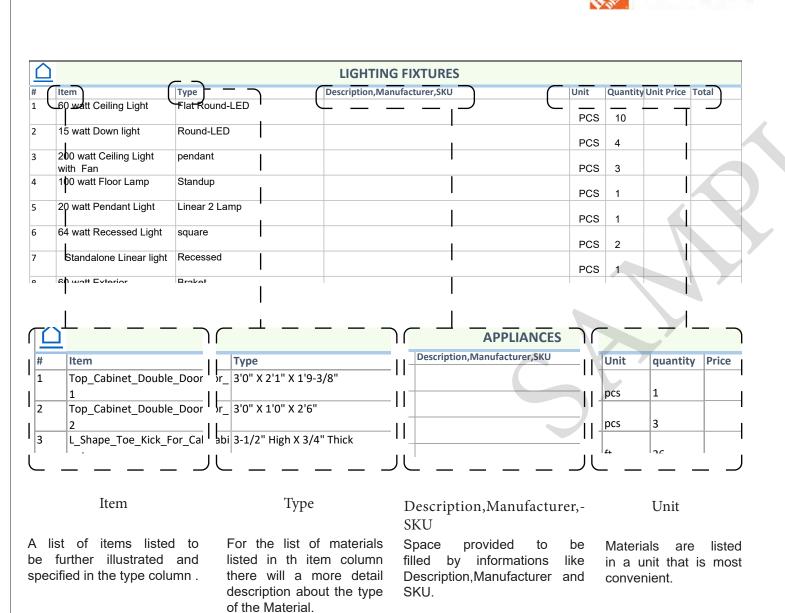
# BOM (Bill Of Materials) (Separately Attached)

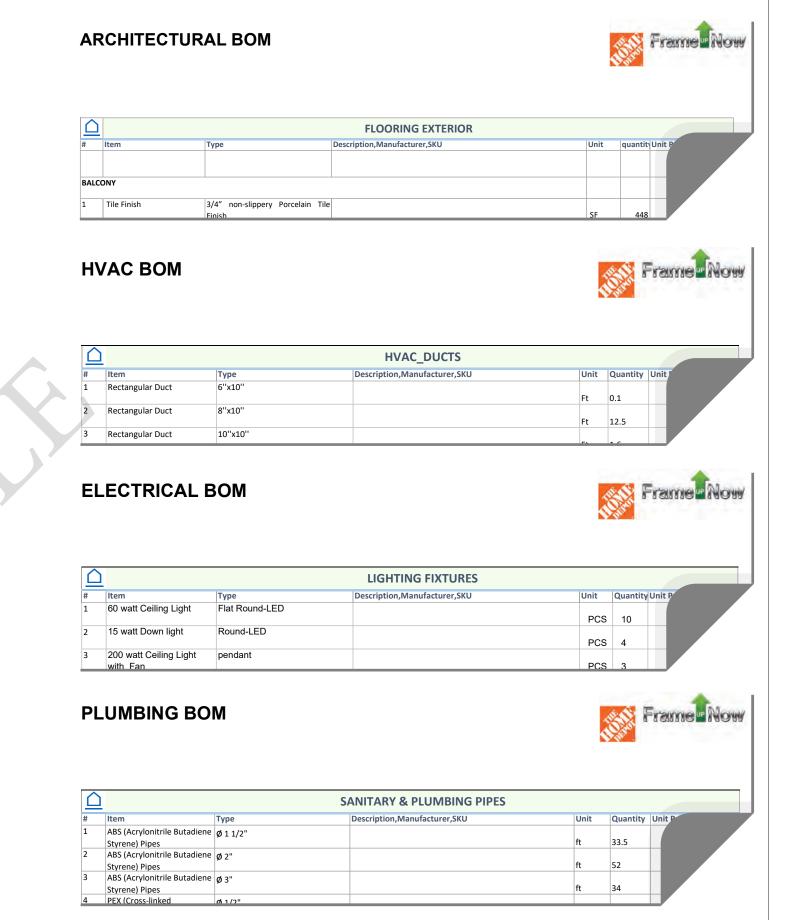


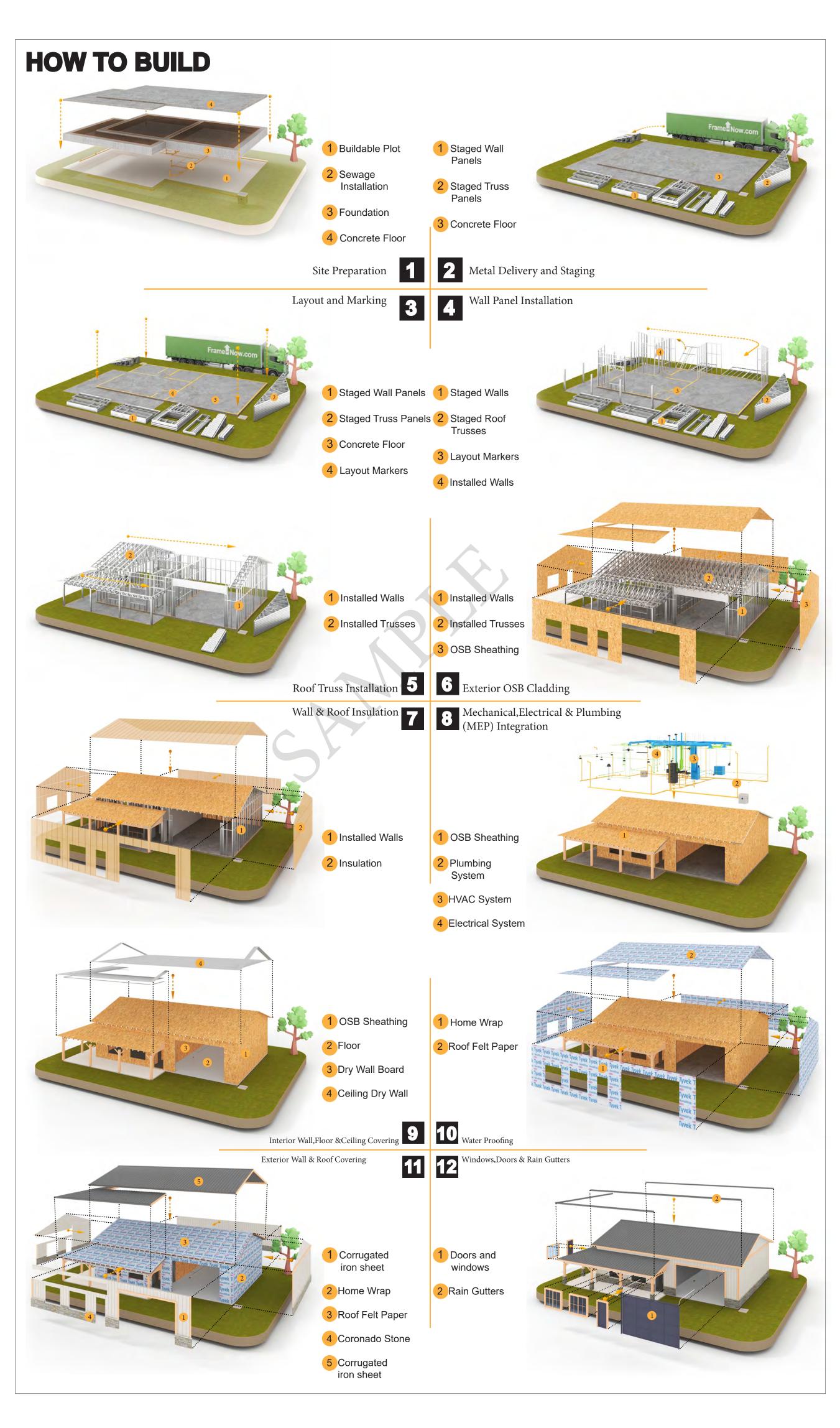
The Bill of Materials (BOM) is a crucial document that compiles the material requirements from different disciplines into a centralized inventory, enabling efficient procurement, inventory management, and cost estimation for a specified project or

### **ELECTRICAL BOM**











**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

33-Yoke-400-Studio-Spanish-550

DRAWING NAME

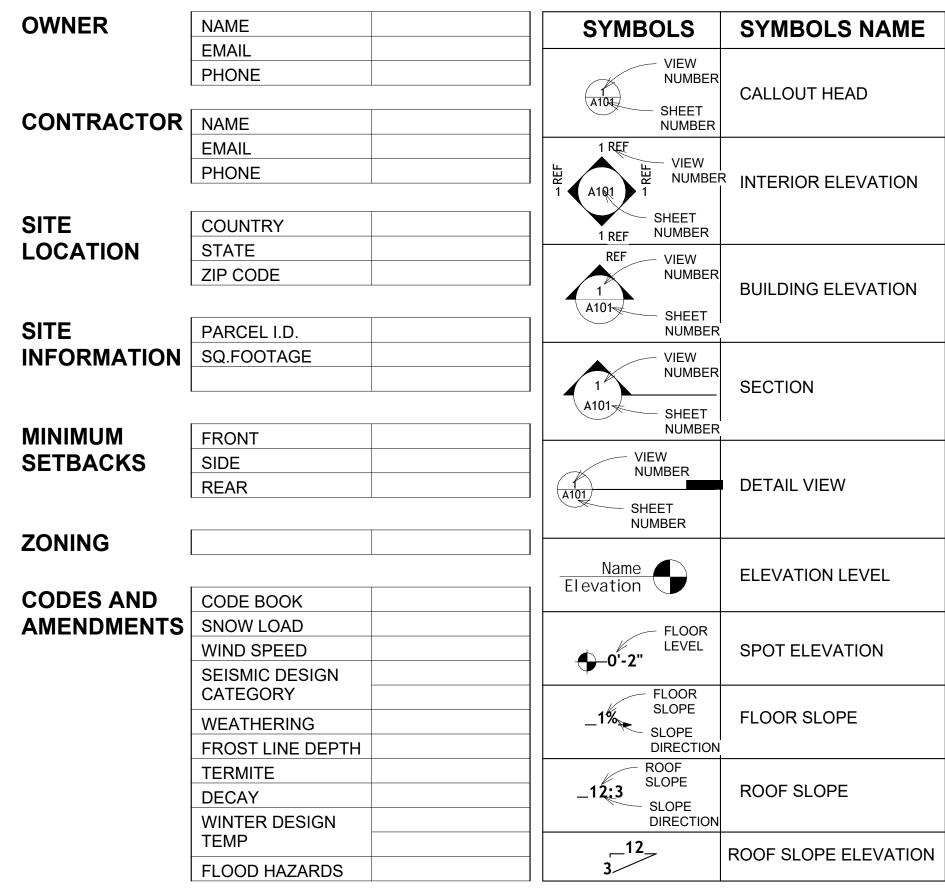
# INTRODUCTION

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

1102

SCALE:

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LINE LEGEND

DOOR OPENING DIRECTION

ROOM SEPARATOR

HIDDEN LINE

OVER HEAD

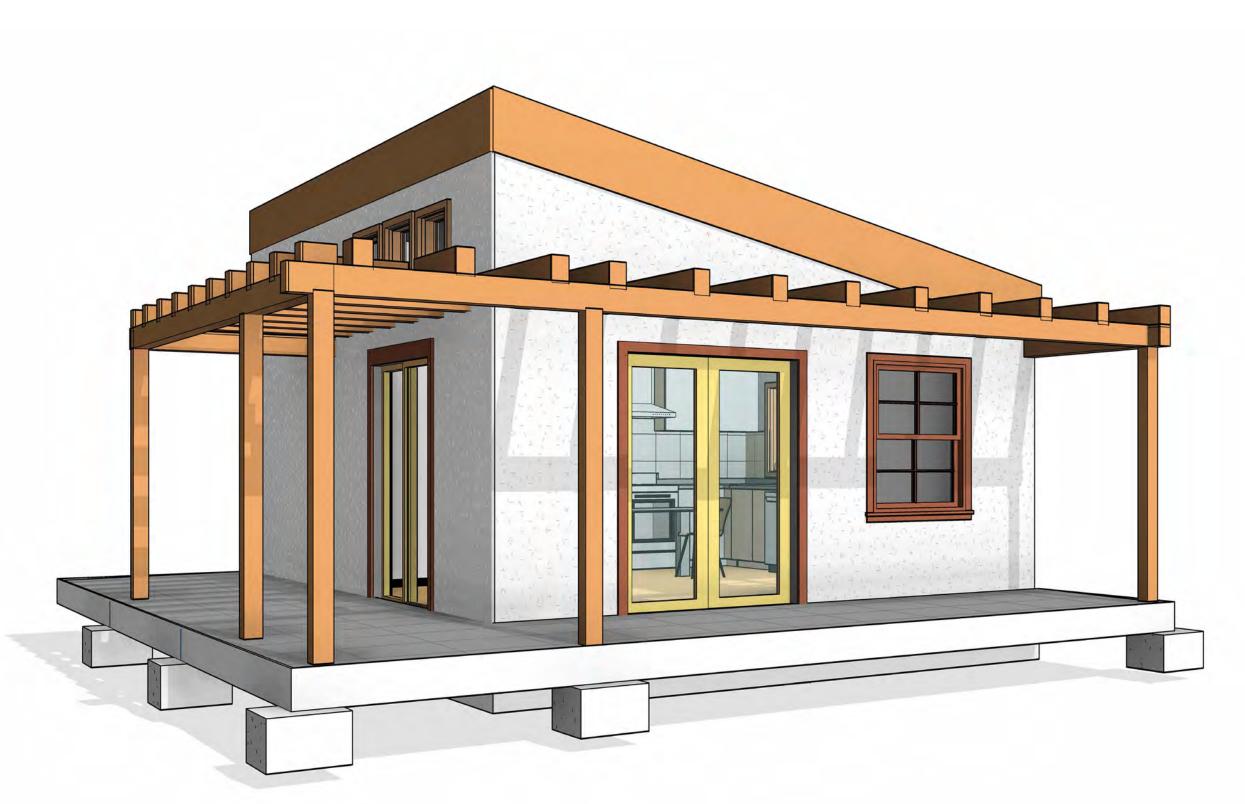
	S101	FOUNDATION PLAN	
	S102	STRUCTURAL FLOOR PLAN	
	S103	FRAME LAYOUT	
	S104	ROOF TRUSS LAYOUT	
	A103	ROOF PLAN	
	A201	ELEVATIONS	
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	P103	SEWAGE SYSTEM	
	P104	RISER DIAGRAM	
	M101	HVAC PLAN	
	M102	HVAC SECTION	
	M103	RISER DIAGRAM	
	TAG	TAG'S NAME	
	CA01	CASEWORK TAG	
	1	DOOR TAG	
	1	FURNITURE TAG	
1	1	WINDOW TAG	
	SE01	SPECIALTY EQUIPMENT TAG	
	ME01	MECHANICAL EQUIPMENT TAG	
	PE01	PLUMBING EQUIPMENT TAG	

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A102 DIMENSION PLAN

A101 FLOOR PLAN



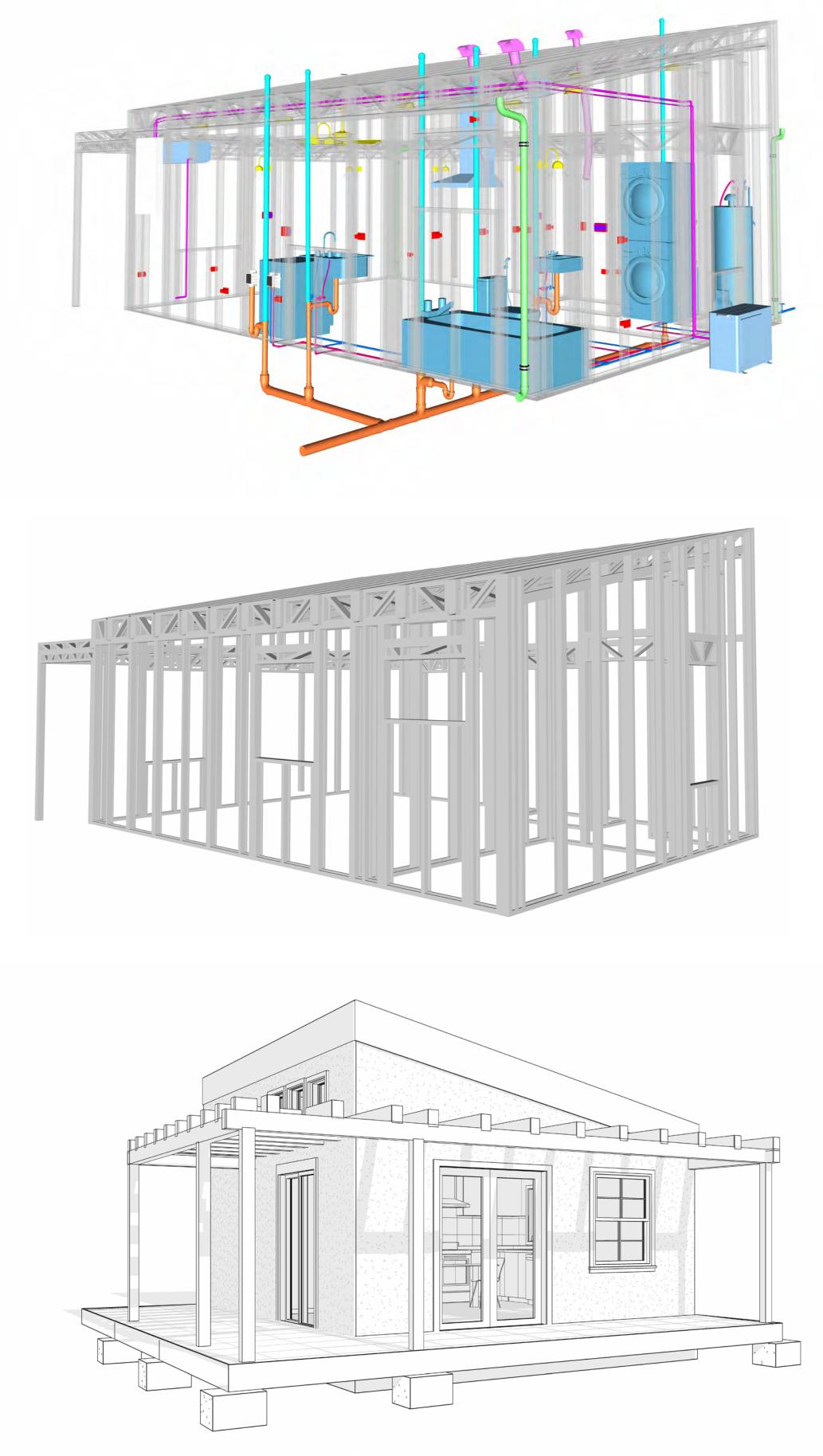
CALL OUT BOUNDRY — - — - - -

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

**ABBREVIATION** 

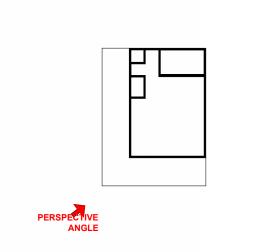
AFS

ACTION FLOOR SYSTEMS





**KEY PLAN** 



NO.	DESCRIPTION	DATI

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

**COVER SHEET** 

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:09 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

33 YOKE 400 STUDIO

### **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

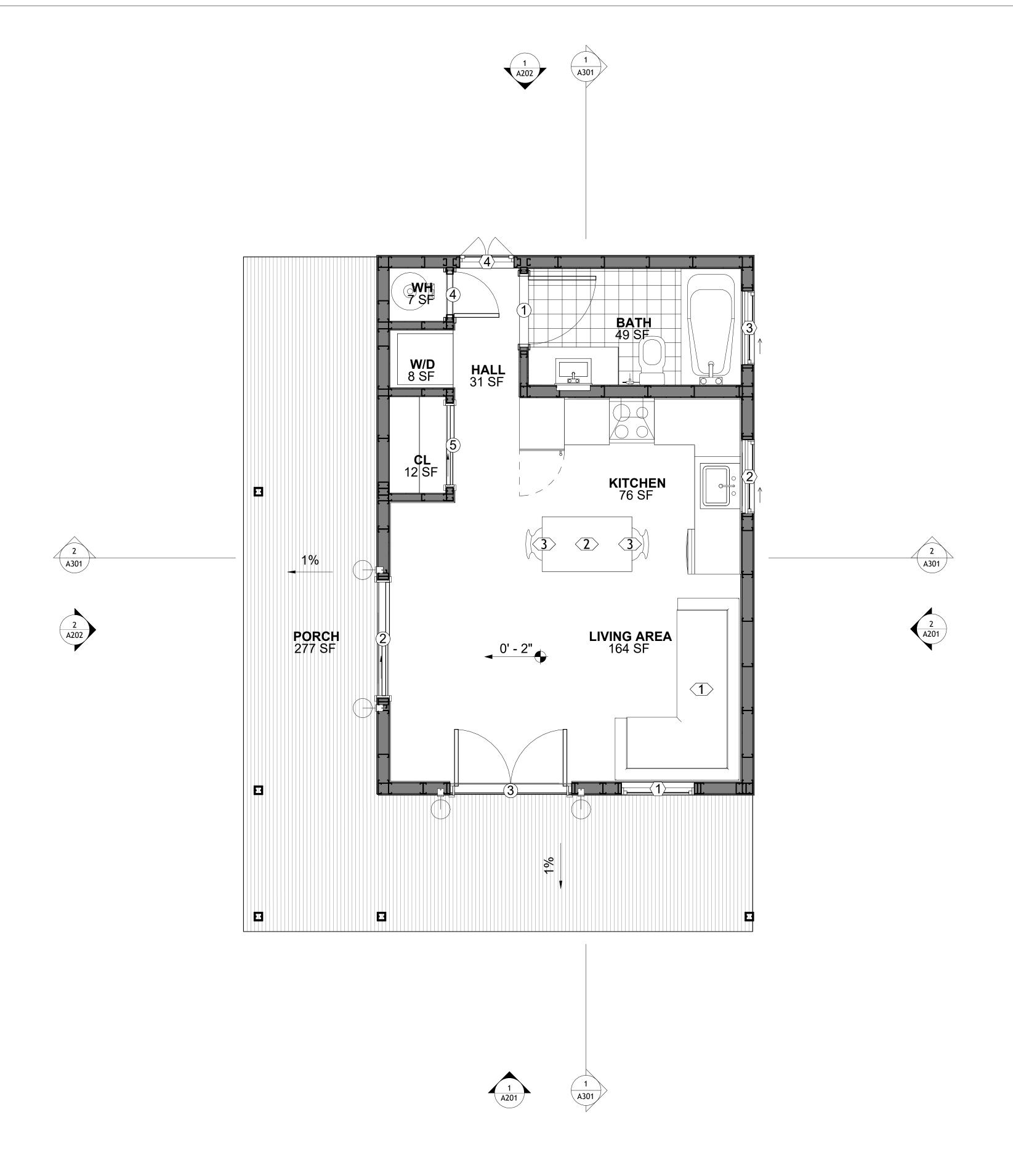
REFER TO SHEETS A201 & A202 FOR GENERAL NOTES ON EXTERNAL FINISHING MATERIALS

#### **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	FURNITURE SCHEDULE TYPE	COUNT
TYPE MARK		COUNT
TYPE MARK		COUNT 1

	ROOM FINISH SCHEDULE						
ROOM NUMBE R	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COM MEN TS
	1						T
1	KITCHEN	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
2	LIVING AREA	HARDWOOD	CONCRETE	WALL PAINT	MRD	8' - 0"	
4	CL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
5	W/D	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	
6	HALL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
7	WH	VINYL TILES	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
8	BATH	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
9	PORCH	PROCELAIN TILE	CONCRETE	STUCCO FINISH	PLYWOOD	8' - 0"	

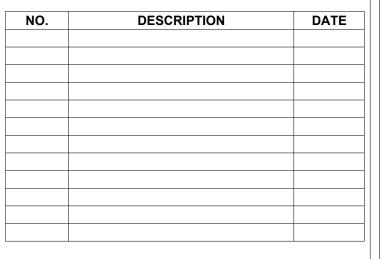






888-864-0184

inquire@frameupnow.com www.frameupnow.com



NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO **SPANISH 550** 

DRAWING NAME

**FLOOR PLAN** 

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:10 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A101

SCALE: As indicated

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DINING CHAIR

588

SQUARE FOOTAGE

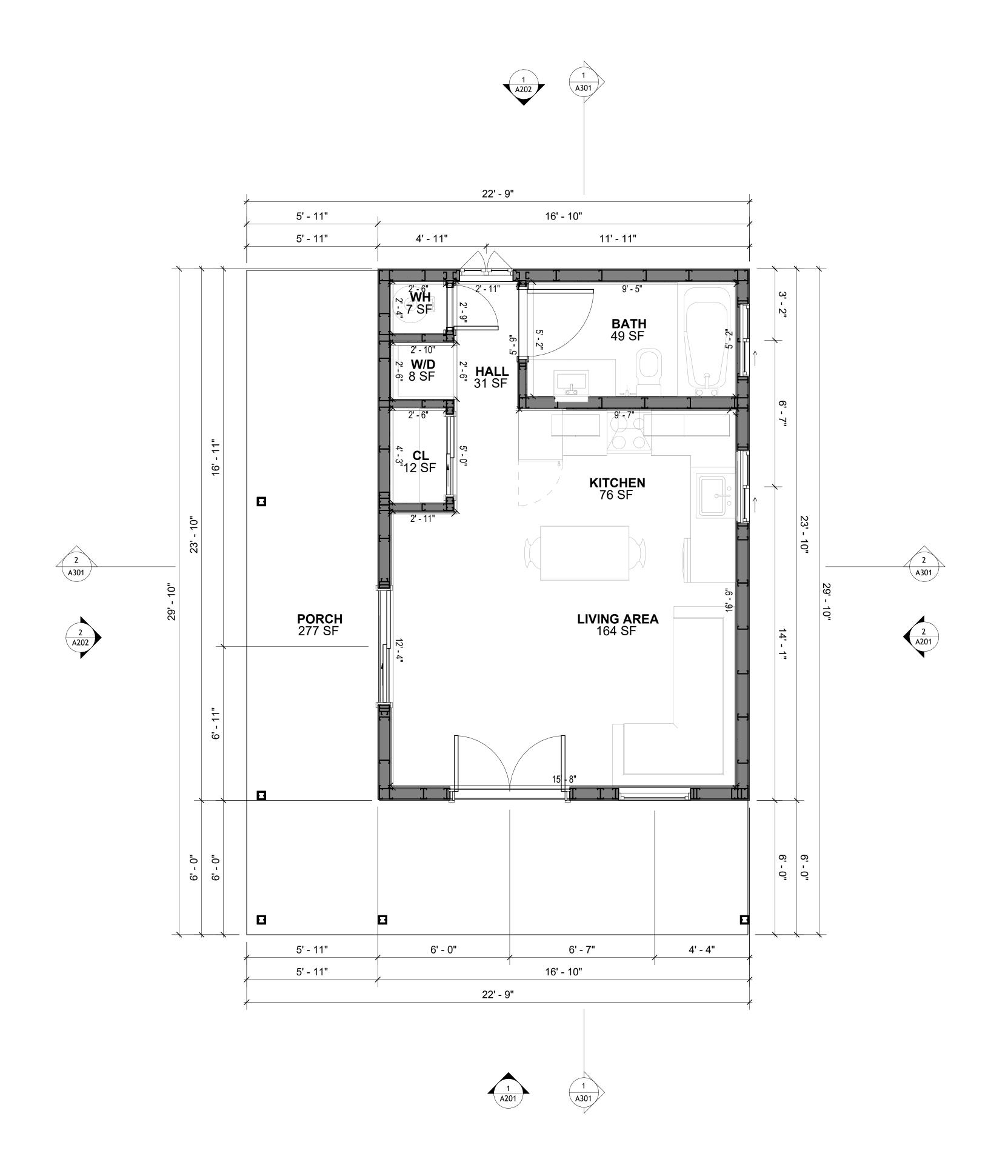
394

194

LIVING

PORCH

TOTAL



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

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

SQUARE FOOTAGE

LIVING 394

PORCH 194

TOTAL 588



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

DIMENSION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:10 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A102

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

#### **FOUNDATION NOTES**

#### **NOTES:**

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

#### 1. MATERIALS:

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

#### 2. PAD PREPARATION:

- EXCAVATION FOR FOOTING SHALL BE NEAT.
- FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION AND APPROPRIATE NSPECTION.

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

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

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

- ALL INTERIOR WALLS TO BE SECURED WITH POWER DRIVEN PINS PER MANUFACTURER SPECIFICATION USE PIN SPACING EQUIVALENT TO 1/2" ANCHOR BOLTS.
- ALL CONSTRUCTION TO CONFORM TO THE 2012 IRC
  R-10 RIGID INSULATION OUTSIDE OF EXTERIOR FOUNDATION WALLS UNDER LIVING AREA.
  CONCRETE PAD FOR CONDENSER THICKNESS IS 4" MIN UNLESS OTHERWISE NOTED.

#### 3. CONCRETE CONSTRUCTION:

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

#### 4. REINFORCEMENT:

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

1. DRAINAGE MUST BE MAINTAINED. WATER SHALL NEVER BE ALLOWED TO POND NEAR THE FOUNDATION.

- 2. THE SOIL AROUND THE FOUNDATION SHALL BE MAINTAINED IN A RELATIVELY DAMP CONDITION, SUCH AS THAT REQUIRED TO KEEP A LAWN GREEN. IF IT DRIES OUT IT WILL SHRINK. IF IT GETS WET, IT WILL HEAVE UPWARD.
- 3. SLABS ON THE SHORTER SIDE USES MAIN BARS ARE USED IN THIS DIRECTION ONLY WITH SMALLER DIAMETER DISTRIBUTION BARS ARE PLACED, FORMING A MAT OR GRID.
- 4. ALL REINFORCEMENT BARS SIZE 10MM OR LARGER IN ACCORDANCE TO ASTM
- 3. ANCHOR BOLTS AT ALL EXTERIOR WALLS SHALL BE MINIMUM 1/2 INCH DIAMETER WITH A MAXIMUM SPACING OF 6'-0" ON CENTER, UNLESS NOTED OTHERWISE.
- 4. ANCHOR BOLTS SHALL BE INSTALLED WITHIN 12 INCHES OF EACH END OF EACH SILL PLATE WITH AT LEAST TWO ANCHOR BOLTS FOR EACH BOLTS FOR EACH SILL PLATE LONGER THAN 12 INCHES.
- 5. SIMPSONS SILL ANCHORS MAYBE SUBSTITUTED FOR ANCHOR BOLTS AT THE SAME

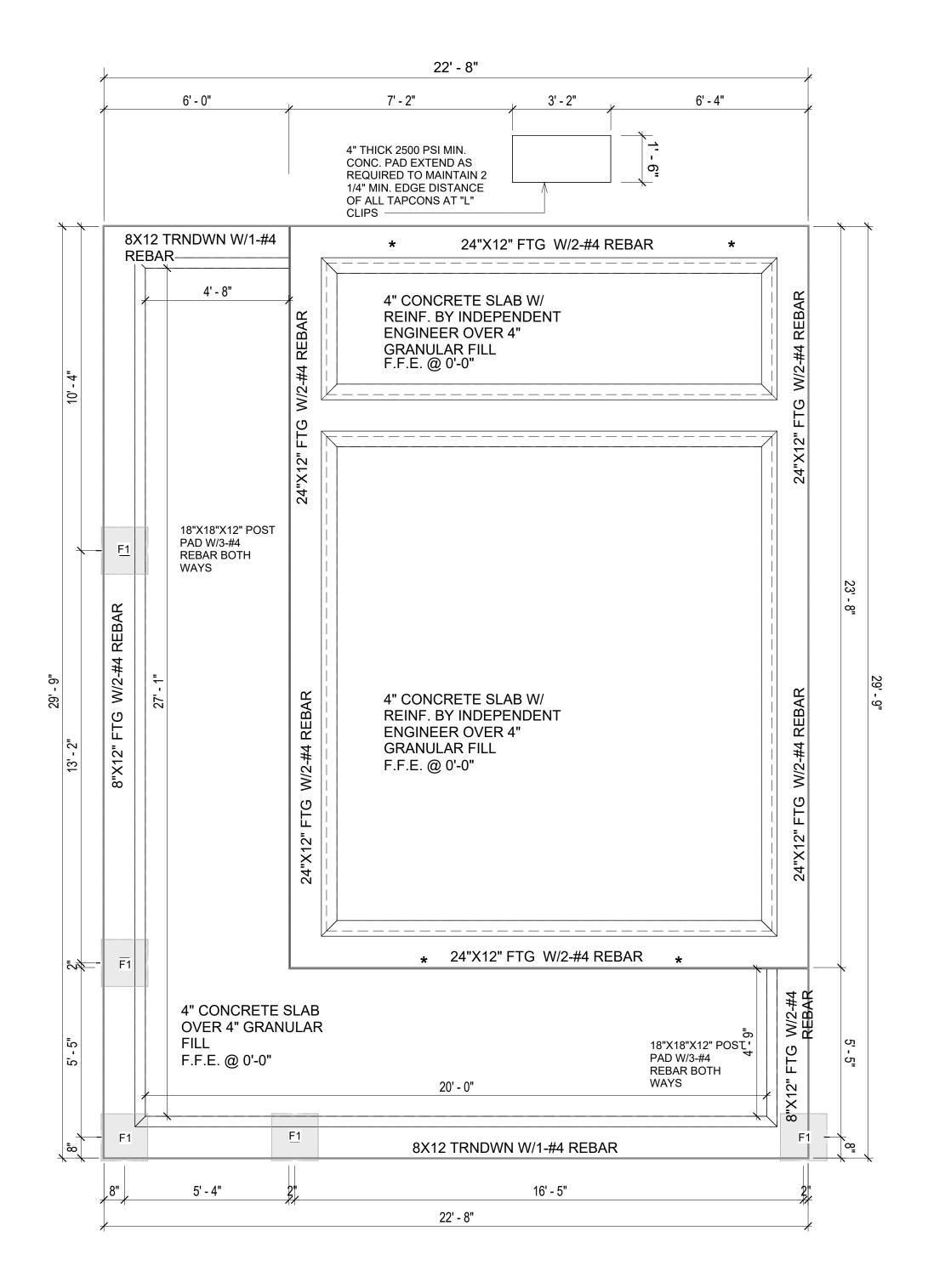
SPACING.

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

### **VERIFY THE FOLLOWING PRIOR TO POURING:**

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

**NOTE**: FIELD VERIFY ALL DIMENSIONS SEE DIMENSIONED ARCHITECTURAL DRAWINGS



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

SQUARE FOOTAGE

LIVING 394

PORCH 194

TOTAL 588



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

**FOUNDATION PLAN** 

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:11 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

**S101** 

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

#### **GENERAL NOTES**

#### NOTES:

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

#### A) **FOUNDATION PLAN NOTES**:

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

#### SPECIAL INSPECTION IS REQUIRED FOR THICKENED FOUNDATION CONSTRUCTION

- 1. REINFORCEMENT
- 2. 2300 PSI CONCRETE POUR

#### B) **REINFORCEMENT FOR CONCRETE**:

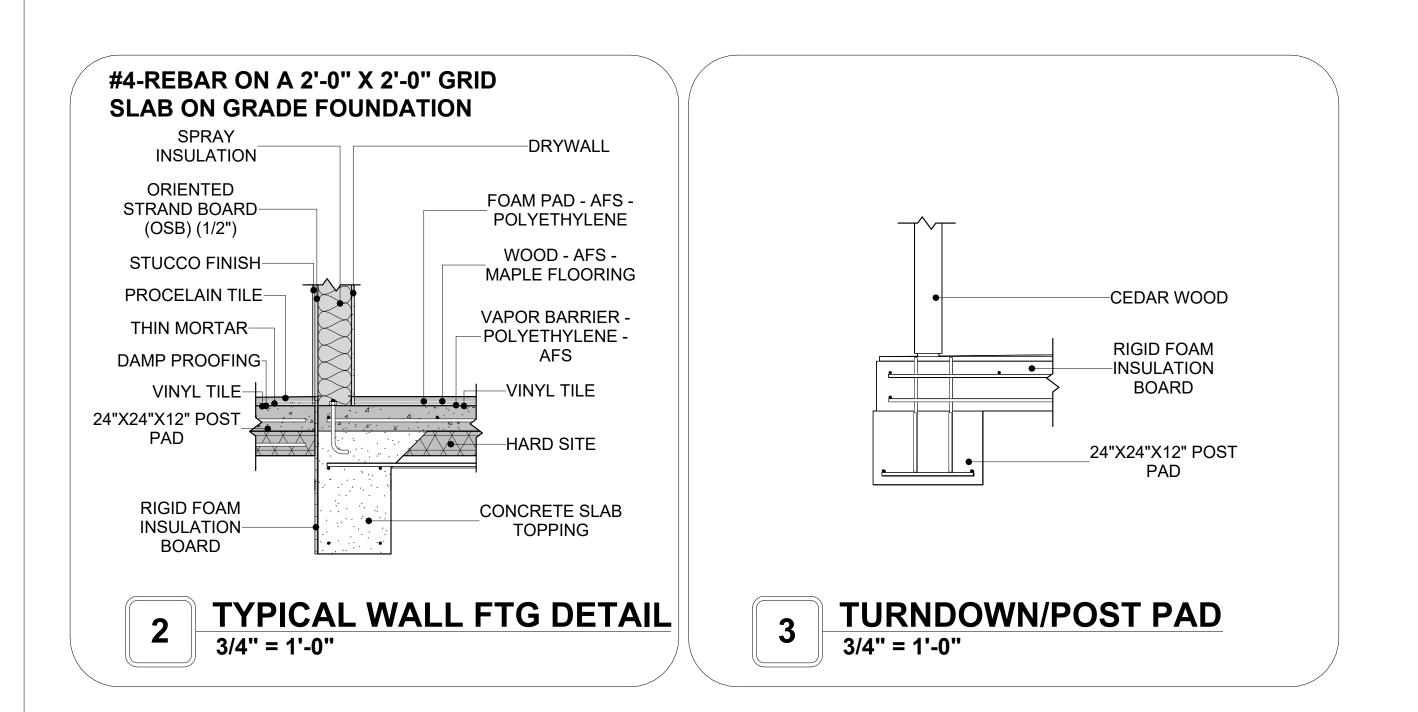
 ALL REINFORCING SLABS BARS SIZE 10MM OR LARGER SHALL BE DEFORMED IN ACCORDANCE TO ASTM-A706, AND BARS SMALLER THAN 10 MM MAYBE PLAIN.
 UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

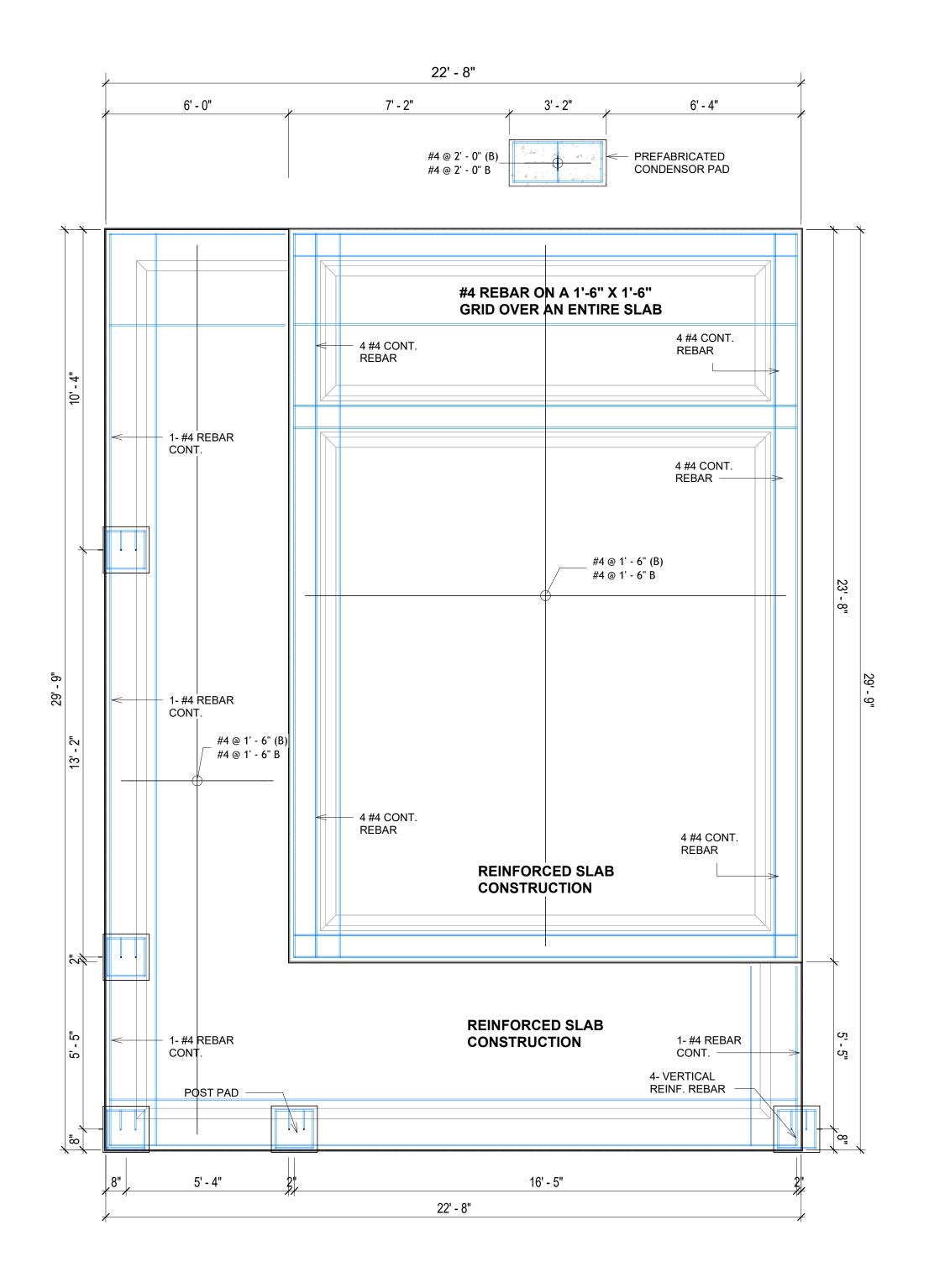
> A) FOOTING = 40,000 PSI B) NON-LOAD BEARING WALLS AND PARAPETS= 40,000 PSI

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





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



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

STRUCTURAL FLOOR PLAN

CLIENT NAME:

PROJECT NUMBER:

0061\_12

DATE:

2/11/2025 9:09:12 AM

DESIGNED BY:

DRAWN BY:

CHECKED BY:

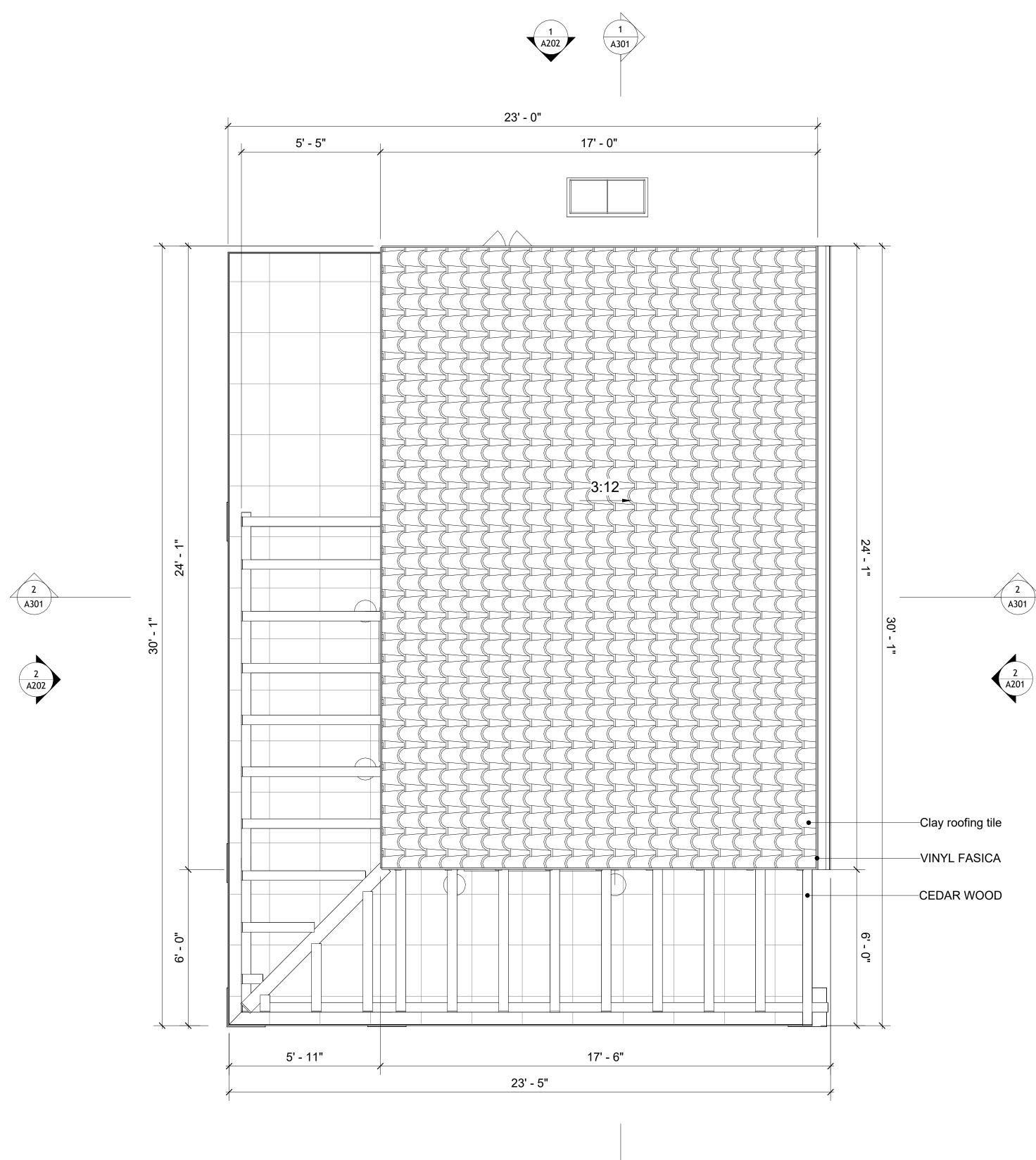
Checker

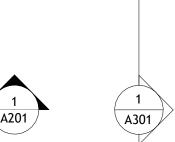
**S102** 

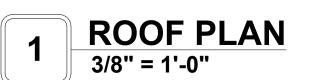
### **ROOF NOTES**

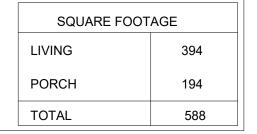
- 1. ROOFING COMPOSITION ROOFING PER OWNERS/BUILDERS SPECIFICATIONS INSTALL PER MANUFACTURE SPECIFICATIONS ON 1/2" ORIENTED STRAND BOARD ON PRE-ENGINEERED TRUSS @ 24" O.C. (UNO.)
- 73" OVERHANG AT EAVES (UNO.)
   ENDS OF ALL TRUSSES AND JOISTS TO BE FULLY BLOCKED. PROVIDE SOLID
- BLOCKING AT ALL RIDGES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

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

**ROOF PLAN** 

	<b>Client Name</b>
	0061_12
2/1	1/2025 9:09:13 AM
	Designer
	Author
	Checker

A103

### **ABOUT WALL FINISHING**

#### STUCCO FINISH

STUCCO IS A CEMENT-BASED EXTERIOR WALL FINISH

OFFERS A DURABLE, WEATHER-RESISTANT, AND CUSTOMIZABLE CLADDING SOLUTION FOR BUILDINGS.

IN THIS SPECIFIC PROJECT, AMERICAN STUCCO SYSTEMS

USED AS A FINISH MATERIAL BECAUSE IT IS GENERALLY CONSIDERED A WATER-RESISTANT EXTERIOR FINISH AND

A THREE-COAT APPLICATION PROCESS.

3/8-INCH OF IT IS APPLIED AS AN EXTERNAL WALL FINISH AS IT IS

THE MOST COMMON AND WIDELY ACCEPTED STANDARD THICKNESS FOR STUCCO EXTERIOR WALL FINISHES. THIS MULTI-LAYER APPROACH ALSO HELPS CREATE A STRONG, CRACK-RESISTANT STUCCO SURFACE.

THIS STANDARD STUCCO IS APPLIED OVER OSB SHEATHINGS

(FOR COLD FORMED STRUCTURE CONSTRUCTION).

#### IT IS NOT DIRECTLY TROWELED OVER THE OSB BUT

OVER A
WATER-RESISTANT BARRIER (HOMEWRAP) AND
METAL/PLASTIC
LATH THAT ARE INSTALLED ON TOP SURFACE OF THE
OSB TO PROVIDE AN ADDITIONAL LAYER OF PROTECTION

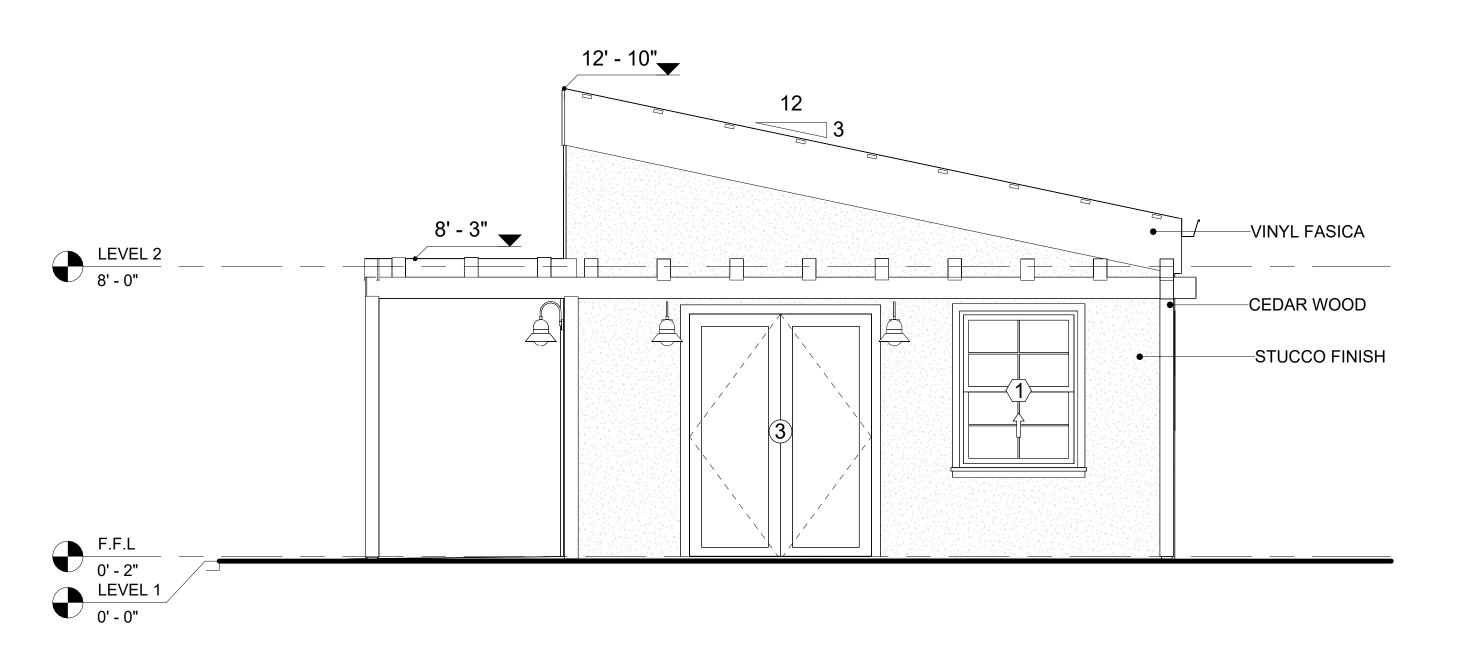
AGAINST MOISTURE INTRUSION.

#### **CEDAR WOOD**

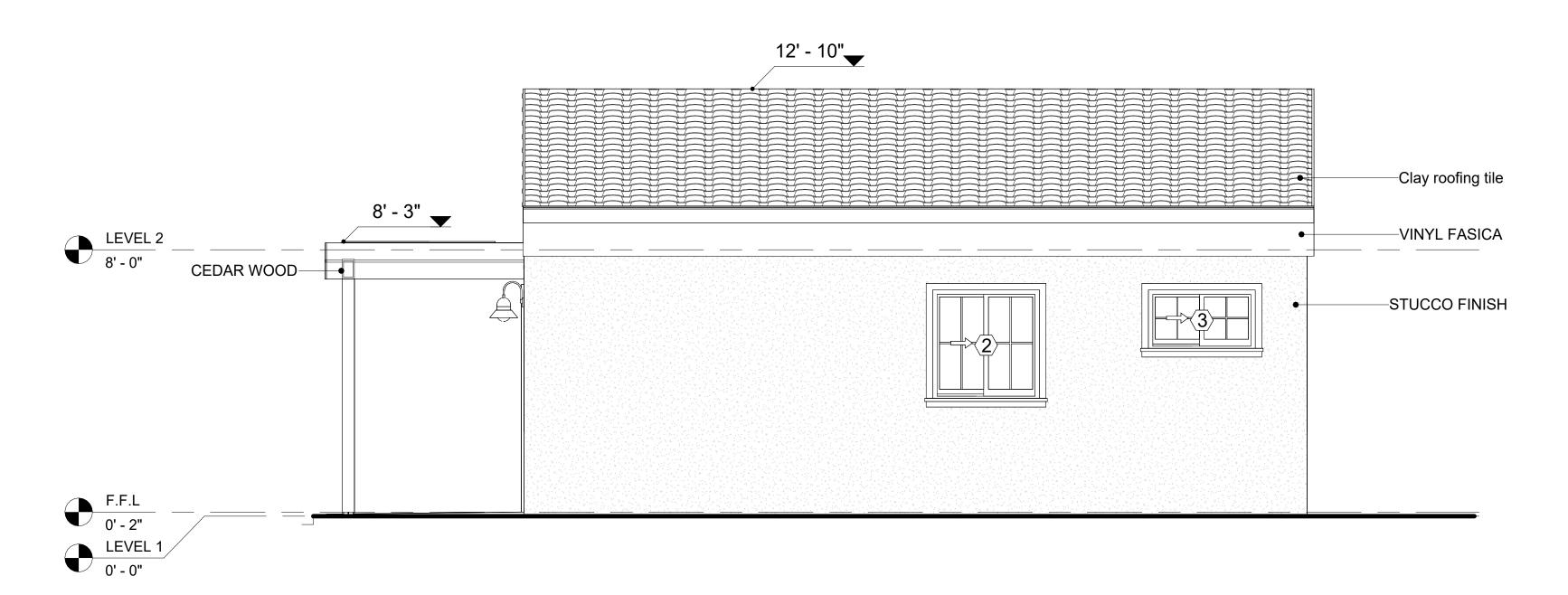
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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

CEDAR WOOD AS A FURRING STRIPS PROVIDE THERMAL INSULATION, MOISTURE MANAGEMENT, AND AN AESTHETICALLY PLEASING, VERSATILE FRAMING SOLUTION WHEN INTEGRATED WITH CORONADO STONE AND CORRUGATED IRON SHEET CLADDING. THE VERTICAL CEDAR WOOD FURRING STRIPS ARE ATTACHED TO HOME WRAP USING CORROSION-RESISTANT FASTENERS (HOTDIP GALVANIZED SCREWS), ENSURING PROPER PENETRATION INTO THE WALL FRAMING.



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



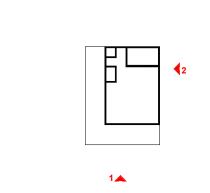
2 RIGHT SIDE ELEVATION
3/8" = 1'-0"

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

WINDOW SCHEDULE					
				SIZE	
TYPE MARK	SUPPLIER	WINDOW TYPE	WIDTH	HEIGHT	COUNT
					-
	Home Depot	Single Hung	3' - 3"	4' - 3"	1
•	Home Depot	Sliding	3' - 3"	3' - 3"	1
}	Home Depot	Sliding	3' - 3"	1' - 9"	1
•	Home Depot	Casement	2' - 5"	4' - 3"	1
	Home Depot	FIXED	2' - 3"	2' - 2"	3



**KEY PLAN** 



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:15 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A201

### **ABOUT WALL FINISHING**

#### STUCCO FINISH

STUCCO IS A CEMENT-BASED EXTERIOR WALL FINISH

OFFERS A DURABLE, WEATHER-RESISTANT, AND CUSTOMIZABLE CLADDING SOLUTION FOR BUILDINGS.

IN THIS SPECIFIC PROJECT, AMERICAN STUCCO SYSTEMS

USED AS A FINISH MATERIAL BECAUSE IT IS GENERALLY CONSIDERED A WATER-RESISTANT EXTERIOR FINISH AND USES

A THREE-COAT APPLICATION PROCESS.

3/8-INCH OF IT IS APPLIED AS AN EXTERNAL WALL FINISH AS IT IS

THE MOST COMMON AND WIDELY ACCEPTED STANDARD THICKNESS FOR STUCCO EXTERIOR WALL FINISHES. THIS MULTI-LAYER APPROACH ALSO HELPS CREATE A STRONG, CRACK-RESISTANT STUCCO SURFACE.

THIS STANDARD STUCCO IS APPLIED OVER OSB SHEATHINGS

(FOR COLD FORMED STRUCTURE CONSTRUCTION).

#### IT IS NOT DIRECTLY TROWELED OVER THE OSB BUT

OVER A
WATER-RESISTANT BARRIER (HOMEWRAP) AND
METAL/PLASTIC

LATH THAT ARE INSTALLED ON TOP SURFACE OF THE OSB TO PROVIDE AN ADDITIONAL LAYER OF PROTECTION AGAINST

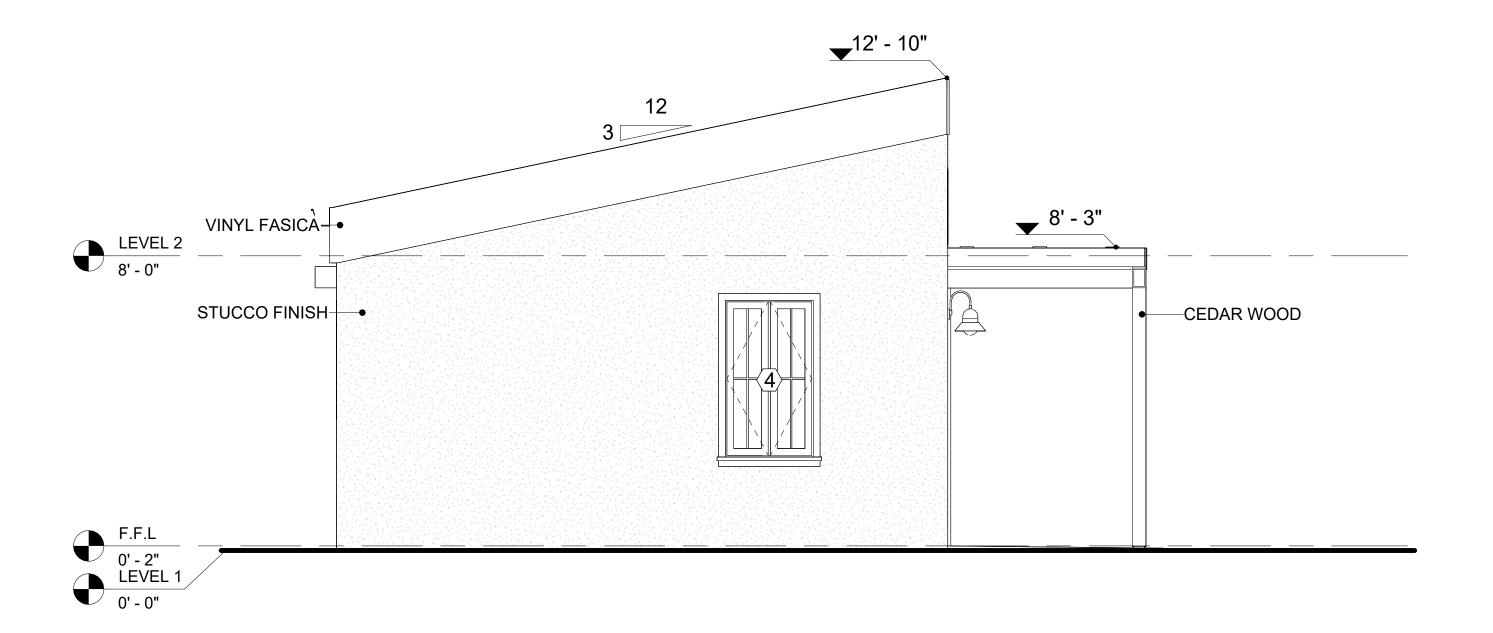
MOISTURE INTRUSION.

#### **CEDAR WOOD**

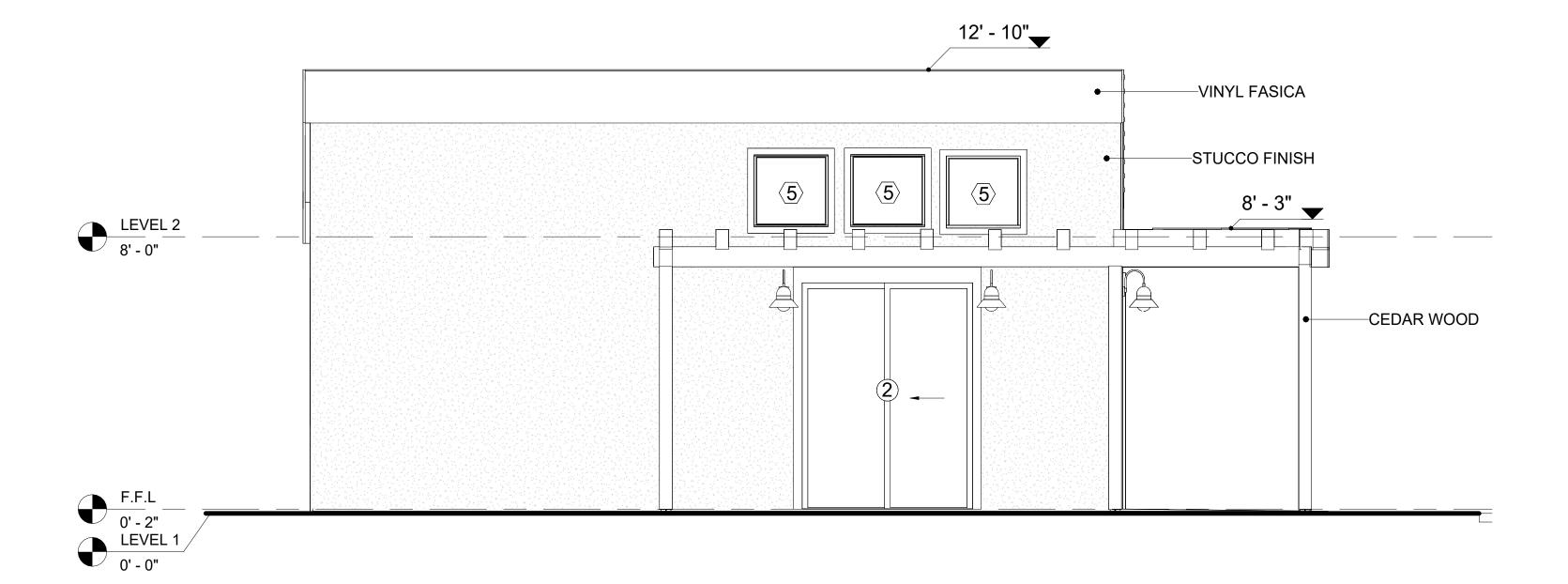
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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

CEDAR WOOD AS A FURRING STRIPS PROVIDE THERMAL INSULATION, MOISTURE MANAGEMENT, AND AN AESTHETICALLY PLEASING, VERSATILE FRAMING SOLUTION WHEN INTEGRATED WITH CORONADO STONE AND CORRUGATED IRON SHEET CLADDING. THE VERTICAL CEDAR WOOD FURRING STRIPS ARE ATTACHED TO HOME WRAP USING CORROSION-RESISTANT FASTENERS (HOTDIP GALVANIZED SCREWS), ENSURING PROPER PENETRATION INTO THE WALL FRAMING.

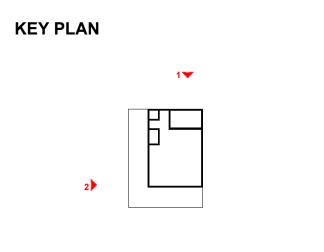


1 REAR ELEVATION
3/8" = 1'-0"



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





NO.	DESCRIPTION	DATE	

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

 CLIENT NAME:
 Client Name

 PROJECT NUMBER:
 0061\_12

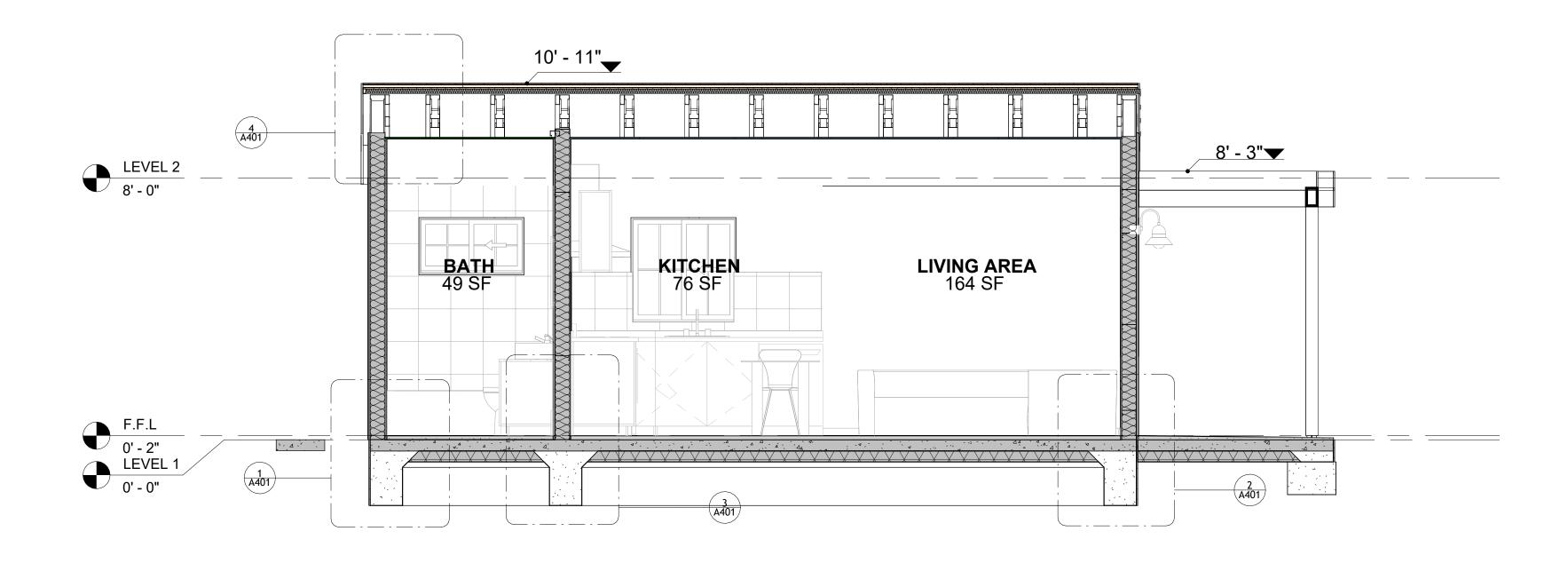
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 DESIGNED BY:
 Designer

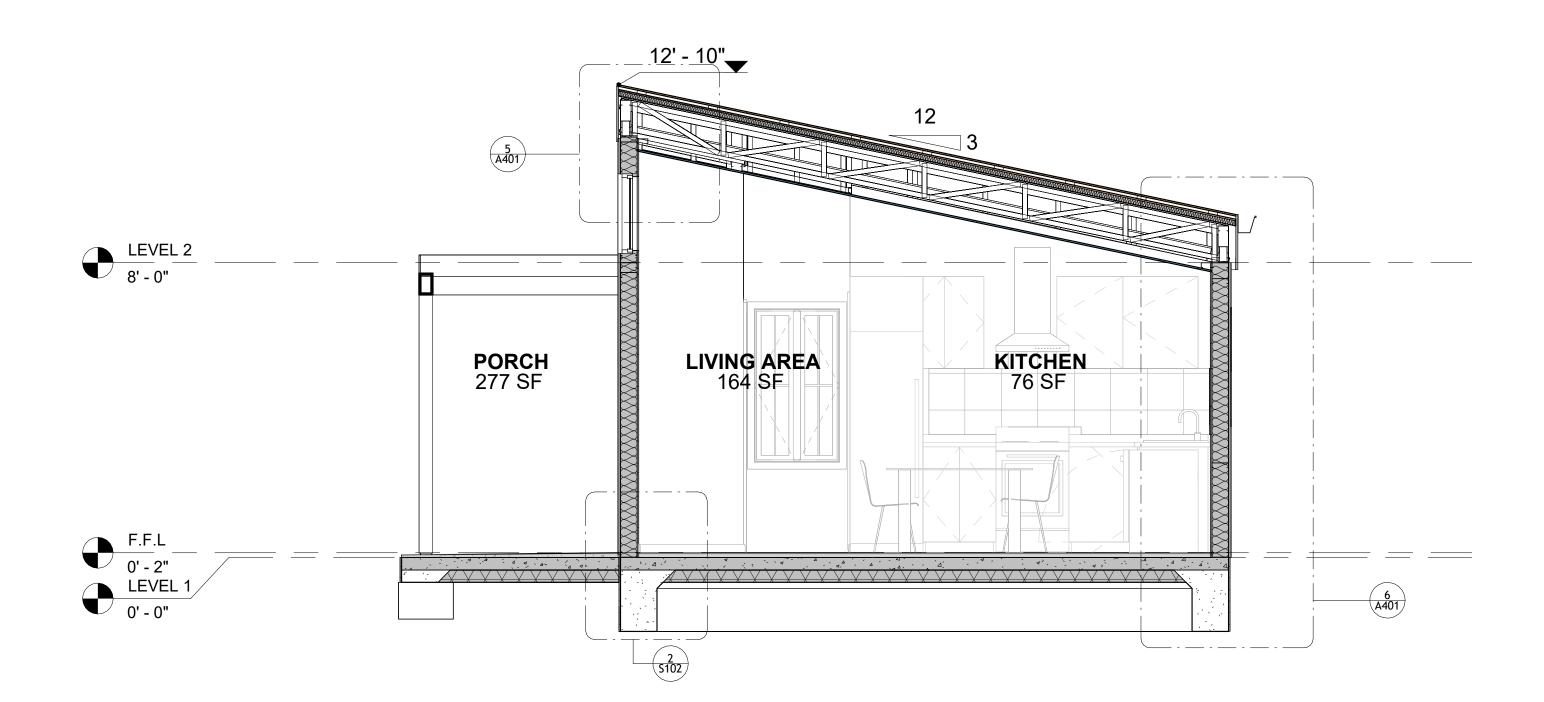
 DRAWN BY:
 Author

 CHECKED BY:
 Checker

A202



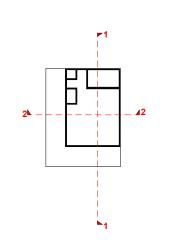




2 SECTION-2 3/8" = 1'-0"



**KEY PLAN** 



NO.	DESCRIPTION	

NOTE:

LEGEND:

PROJECT

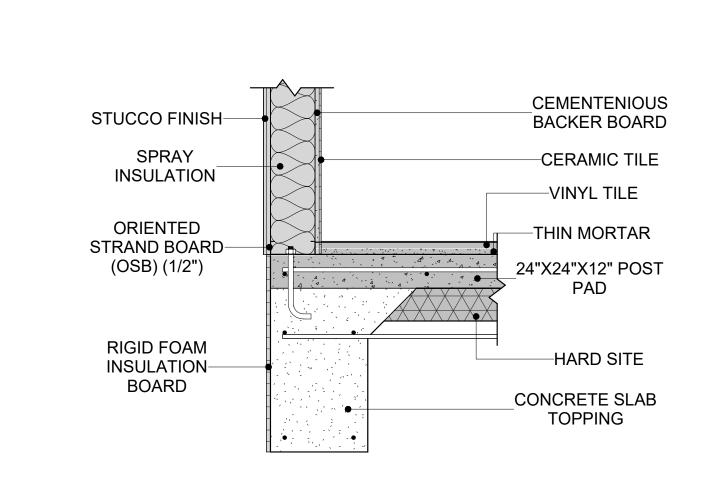
33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

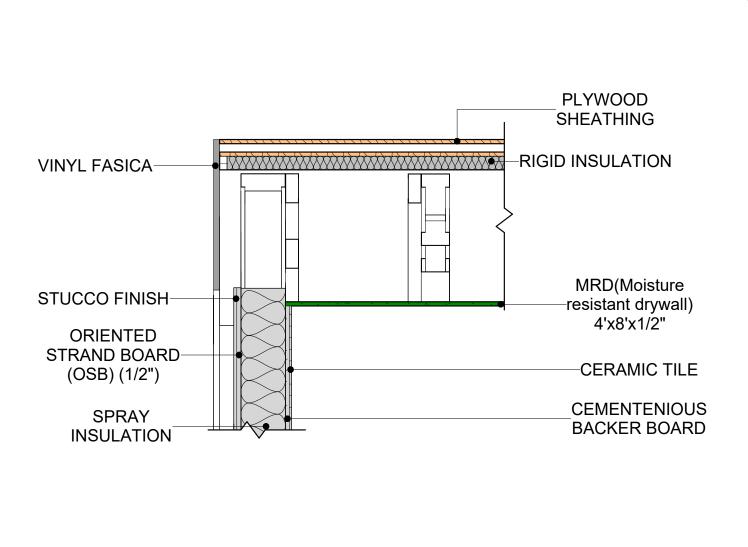
ARCHITECTURAL SECTIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:18 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

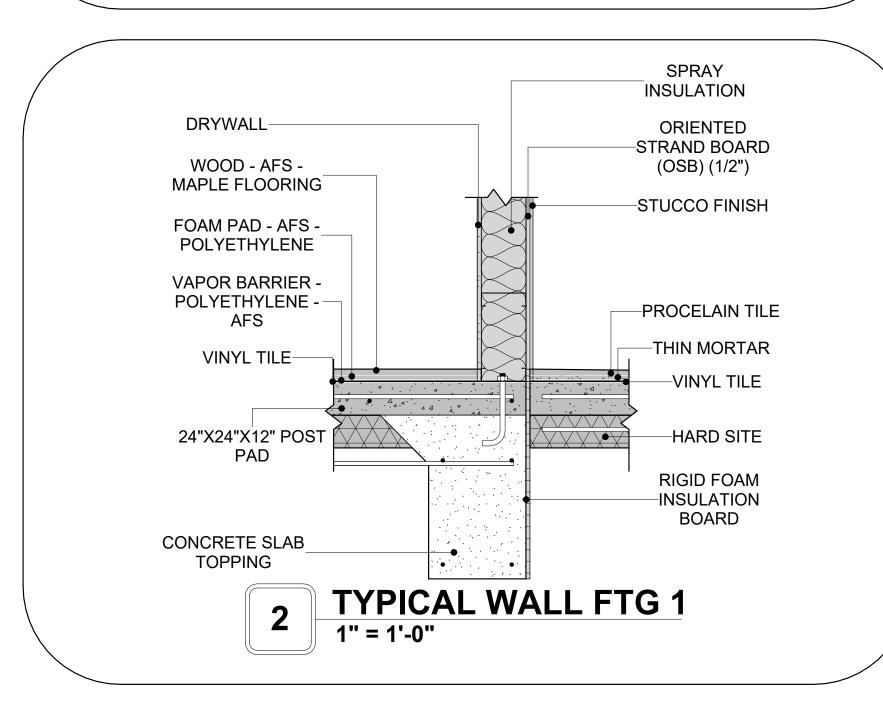
A301



1 TYPICAL WALL FTG



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



PLYWOOD SHEATHING

RIGID INSULATION

VINYL FASICA

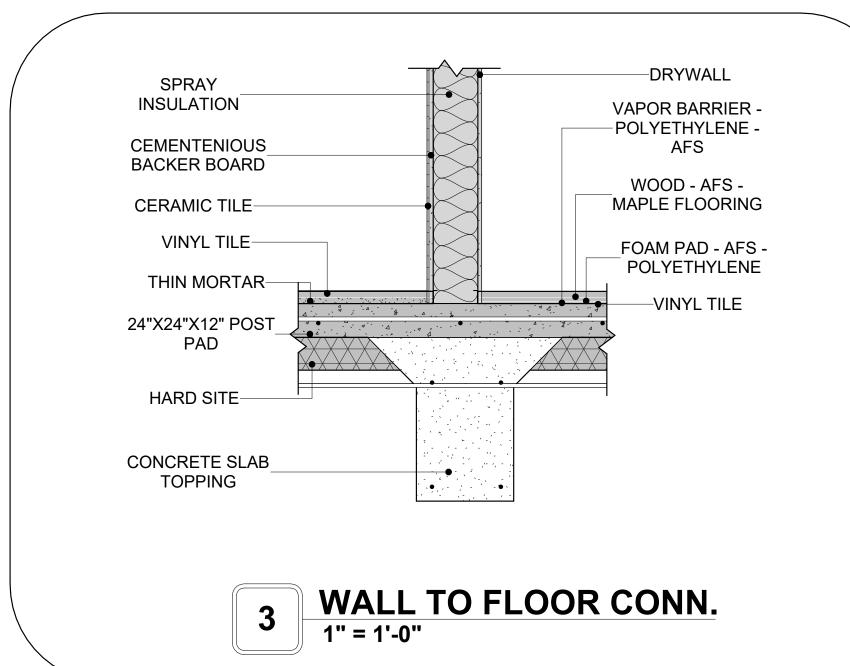
STUCCO FINISH

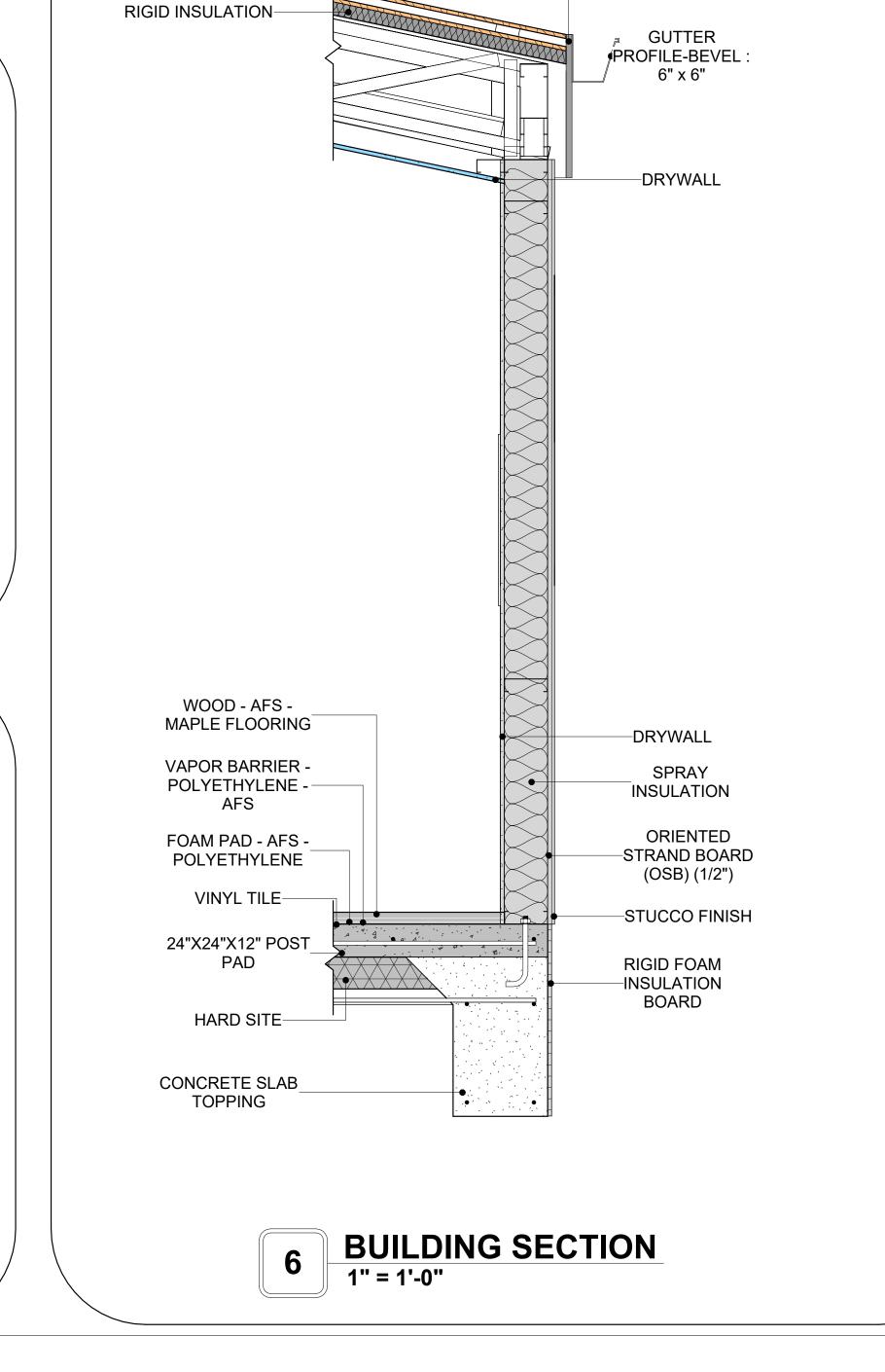
ORIENTED STRAND BOARD (OSB) (1/2")

SPRAY INSULATION

ROOF ON WALL 1

1" = 1'-0"





-VINYL FASICA

PLYWOOD SHEATHING



**KEY PLAN** 

NO.	DESCRIPTION	DATE	

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

ARCHITECTURAL DETAILS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:19 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
CHECKED BY:	Checke

A401

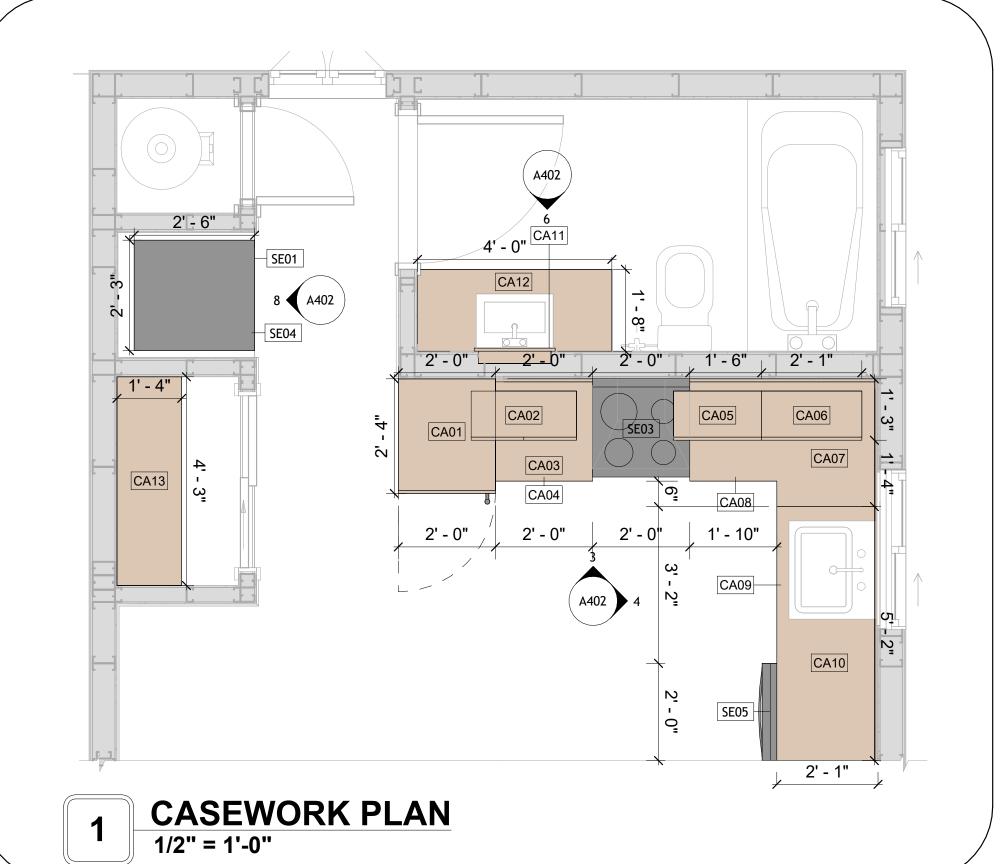
SCALE: 1" = 1'-0"

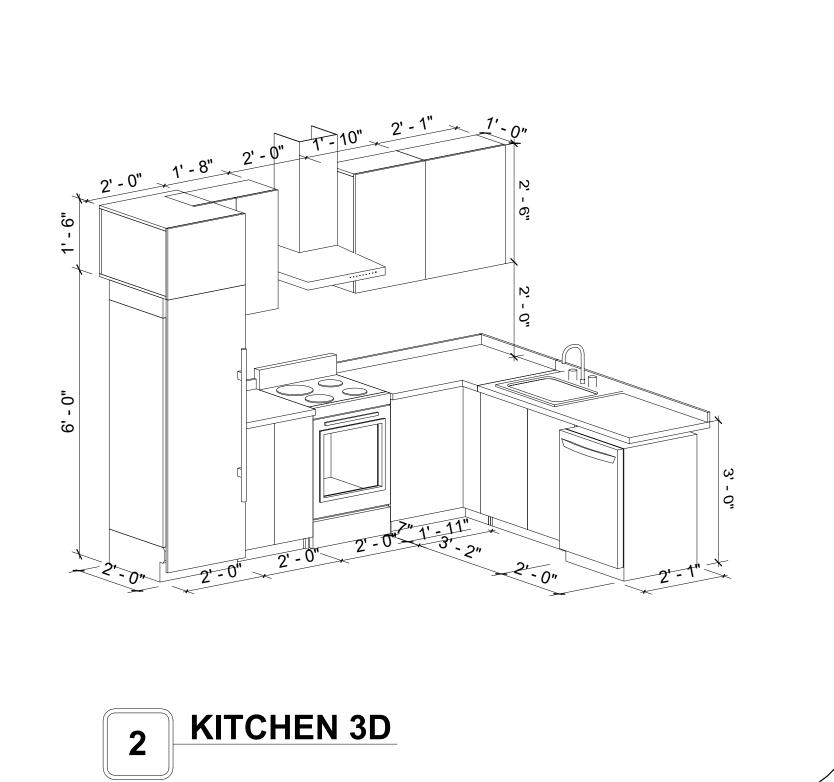
### **CASEWORK GENERAL NOTES**

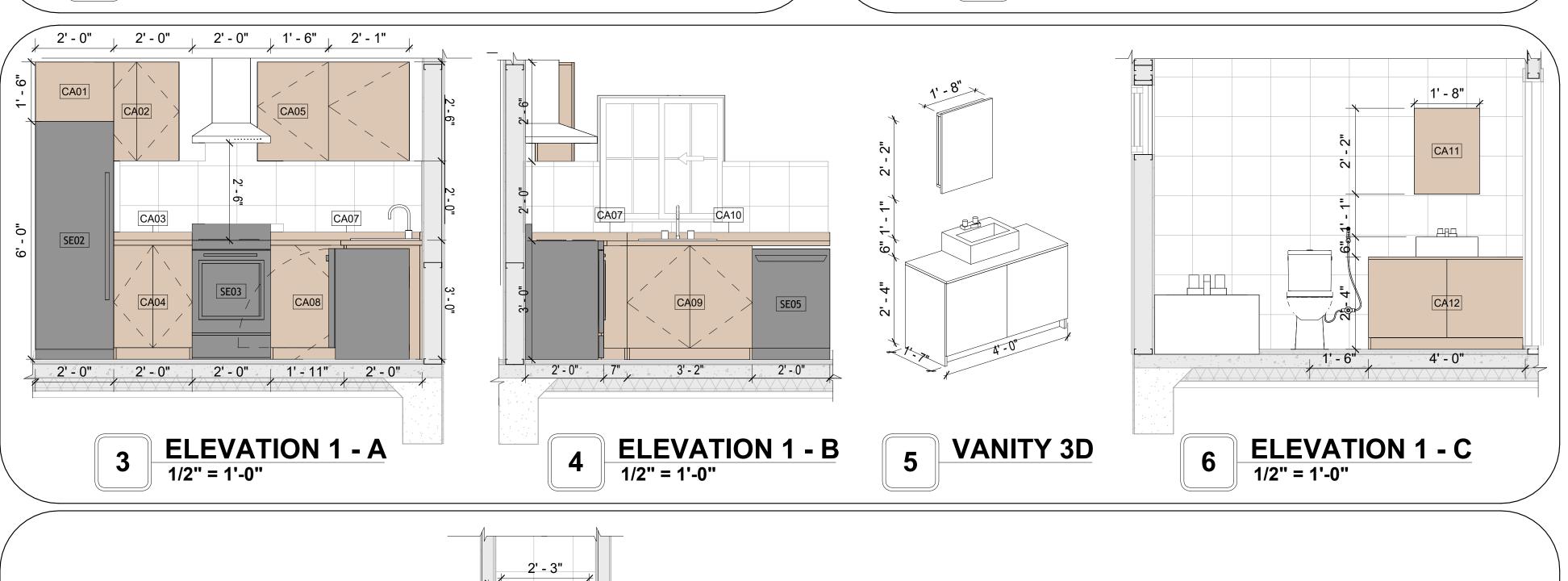
- ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
- PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND OTHERWISE NOTED.
- MANUFACTURER AND CATALOG NUMBERS ARE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

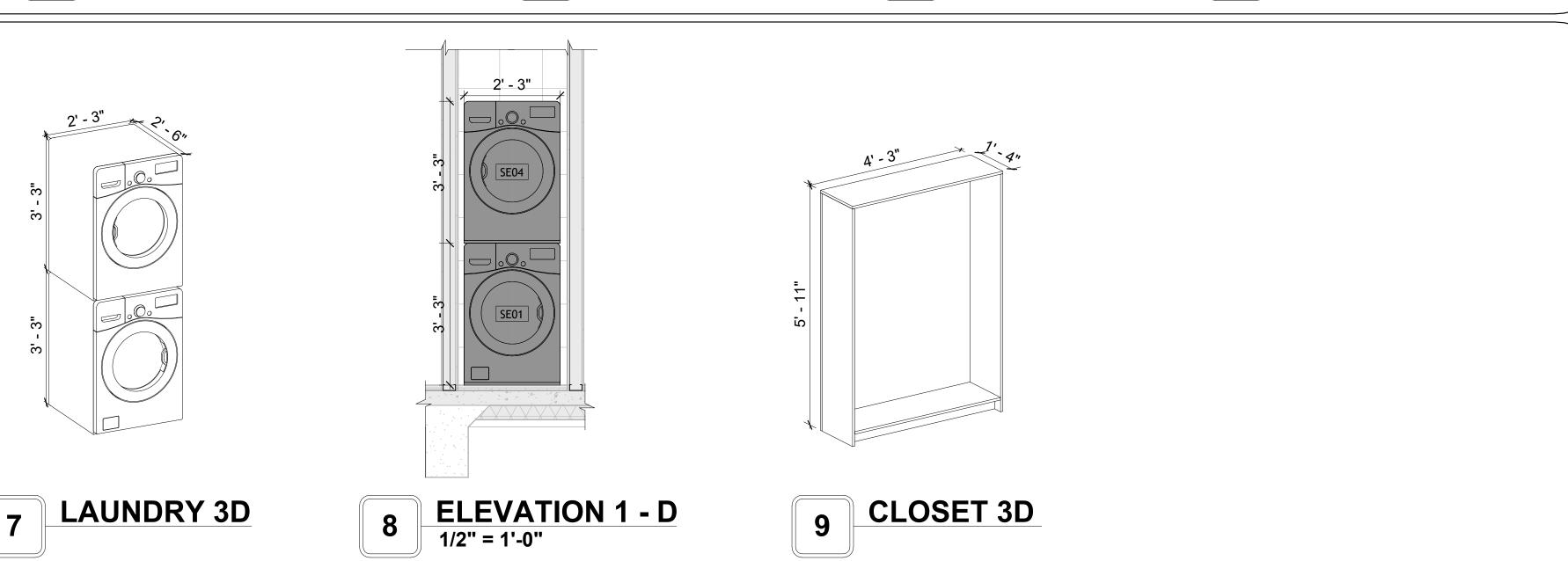
CASEWORK SCHEDULE						
TYPE MAR K	TYPE	COUN	HEIGHT	WIDTH	DEPTH	AREA
			1			
01	refrigerator top	1	1' - 6"	2' - 0"	2' - 4"	3 SF
02	Wall_Cabinet_Double_Door 4	1	2' - 6"	2' - 2"	1' - 0"	5 SF
03	HD_Linear_Counter_Top 2	1	0' - 4"	2' - 0"	2' - 1"	1 SF
04	Base_Cabinet_Double_Door 4	1	2' - 11"	2' - 0"	2' - 0"	6 SF
05	Wall_Cabinet_Single_Door	1	2' - 6"	1' - 10"	1' - 0"	5 SF
06	Wall_Cabinet_Single_Door 2	1	2' - 6"	2' - 1"	1' - 0"	5 SF
07	HD_L-Shape_Counter_Top	1	0' - 4"	4' - 4"	6' - 3"	1 SF
08	Base_Cabinet_L-Shaped 3	1	2' - 11"	3' - 3"	3' - 3"	9 SF
09	Base_Cabinet_Double_Door 2	1	2' - 11"	3' - 2"	2' - 0"	9 SF
10	HD_Linear_Counter_Top 2	1	0' - 4"	5' - 0"	2' - 1"	2 SF
11	RECESSED_MED_CABINET 2	1	2' - 0"	1' - 6"	0' - 3"	3 SF
12	VANITY	1	2' - 4"	4' - 0"	1' - 8"	9 SF
13	Linen	1	5' - 11"	4' - 3"	1' - 4"	25 SF
Grand t	otal	13		'	1	

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



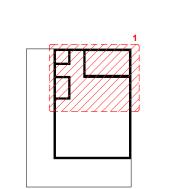








**KEY PLAN** 



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

33 YOKE 400 STUDIO SPANISH 550

DRAWING NAME

ARCHITECTURAL CASEWORK

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	2/11/2025 9:09:21 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

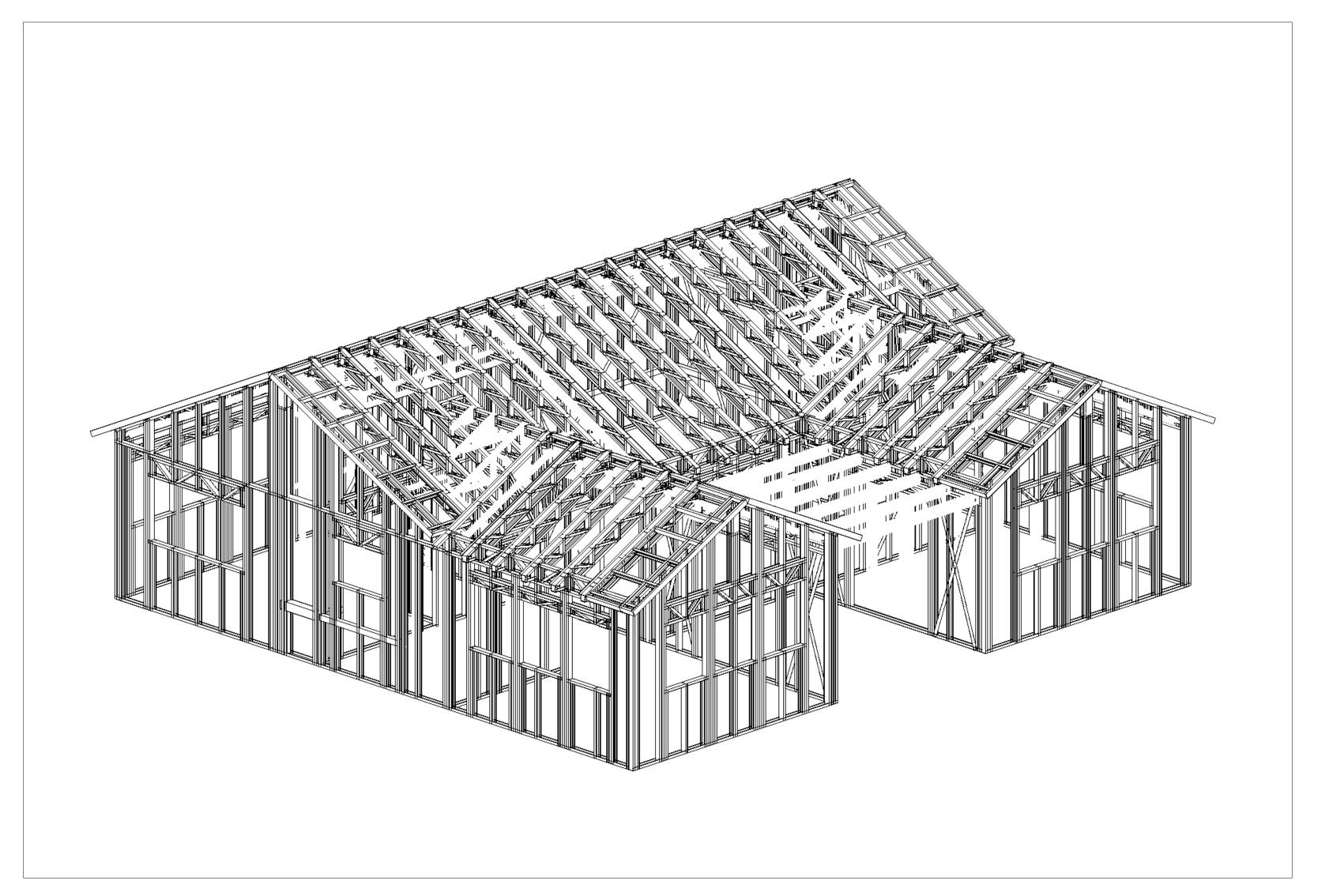
A402

	SHEET LIST
Sheet Name	Sheet Name

CS-1	COVER SHEET
GN-1	GENERAL NOTE
S1	WALL FRAMING LAYOUT
S2	PANEL LENGTH
S3	ROOF TRUSS LAYOUT
S4	ELEVATION
S5	SECTIONS VIEW
S6	BRACING PLAN
S7	HOLD-DOWN PLAN
D1	DETAILS
D2	DETAILS
D3	DETAILS
S8	SHEETROCK BACKING

SHEETROCK BACKING
TRUSS BLOCKING LAYOUT

SQU	ARE FOOTA	GE
ROOM	AREA	RM HEIGHT
LIVING	273 SF	Vaulted CLG
KITCHEN	167 SF	Vaulted CLG
W/D	20 SF	Vaulted CLG
BATH 2	47 SF	Vaulted CLG
PRIMARY SUIT	178 SF	Vaulted CLG
BATH 1	84 SF	Vaulted CLG
FAU	8 SF	Vaulted CLG
CI #1	21 SF	Vaulted CLG
BEDROOM 2	136 SF	Vaulted CLG
CI #2	15 SF	Vaulted CLG
Linen	7 SF	Vaulted CLG
BEDROOM 3	131 SF	Vaulted CLG
CI #3	16 SF	Vaulted CLG
TOTAL AREA	1194	Sq.ft



KUQOGVT KE "XKGY

# 36aY kuf qo a33; 6a5Df 4DcaVtcf kkqpcm572

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JOB DETAILS Wisdom

ADDRESS

DRAWN ВА

DWG FILE 14\_Wisdom\_1194\_3Bd2Ba\_Traditional\_350

SCALE DATE DRAWN 02-09-2025 VIEW NAME ON 36 x 24 1 of 15

1/4" : 1'-0"

JOB REFERENCE 500

REVISION

COLD FORMED STEEL SKELETON ONLY

### **GENERAL NOTES**

T1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE YOKE STUDIO SPANISH. 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

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.

WITH THE LOCAL BUILDING DEPARTMENT AND UTILITY PROVIDERS TO ENSURE A TIMELY AND COMPLIANT INSTALLATION.

13. HVAC EQUIPMENT SHALL BE INSTALLED LEVEL AND PLUMB, AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS. PROVIDE ADEQUATE CLEARANCES AROUND EQUIPMENT FOR PROPER AIRFLOW, SERVICE ACCESS, AND

CODE COMPLIANCE.

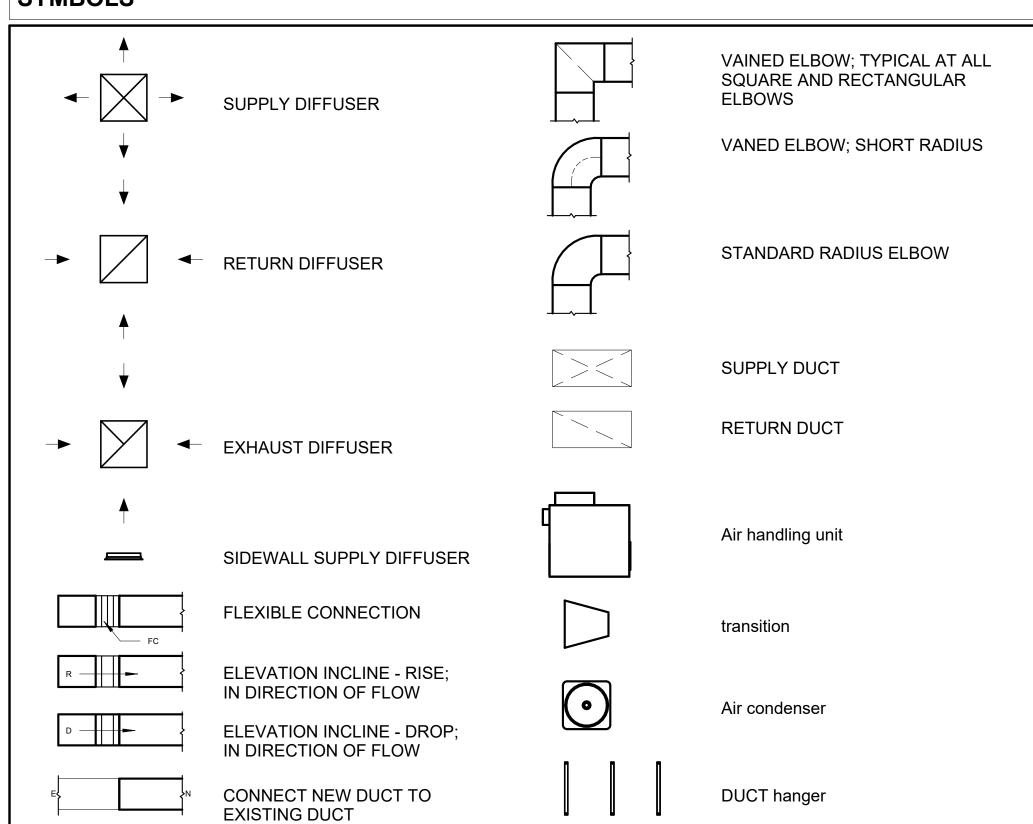
14. ALL HVAC EQUIPMENT AND COMPONENTS, INCLUDING THERMOSTATS, DAMPERS, AND ACCESS PANELS, SHALL BE LOCATED IN ACCESSIBLE AREAS FOR EASY SERVICING AND MAINTENANCE. PROVIDE ADEQUATE SPACE AROUND EQUIPMENT FOR PROPER AIRFLOW AND SERVICE ACCESS.

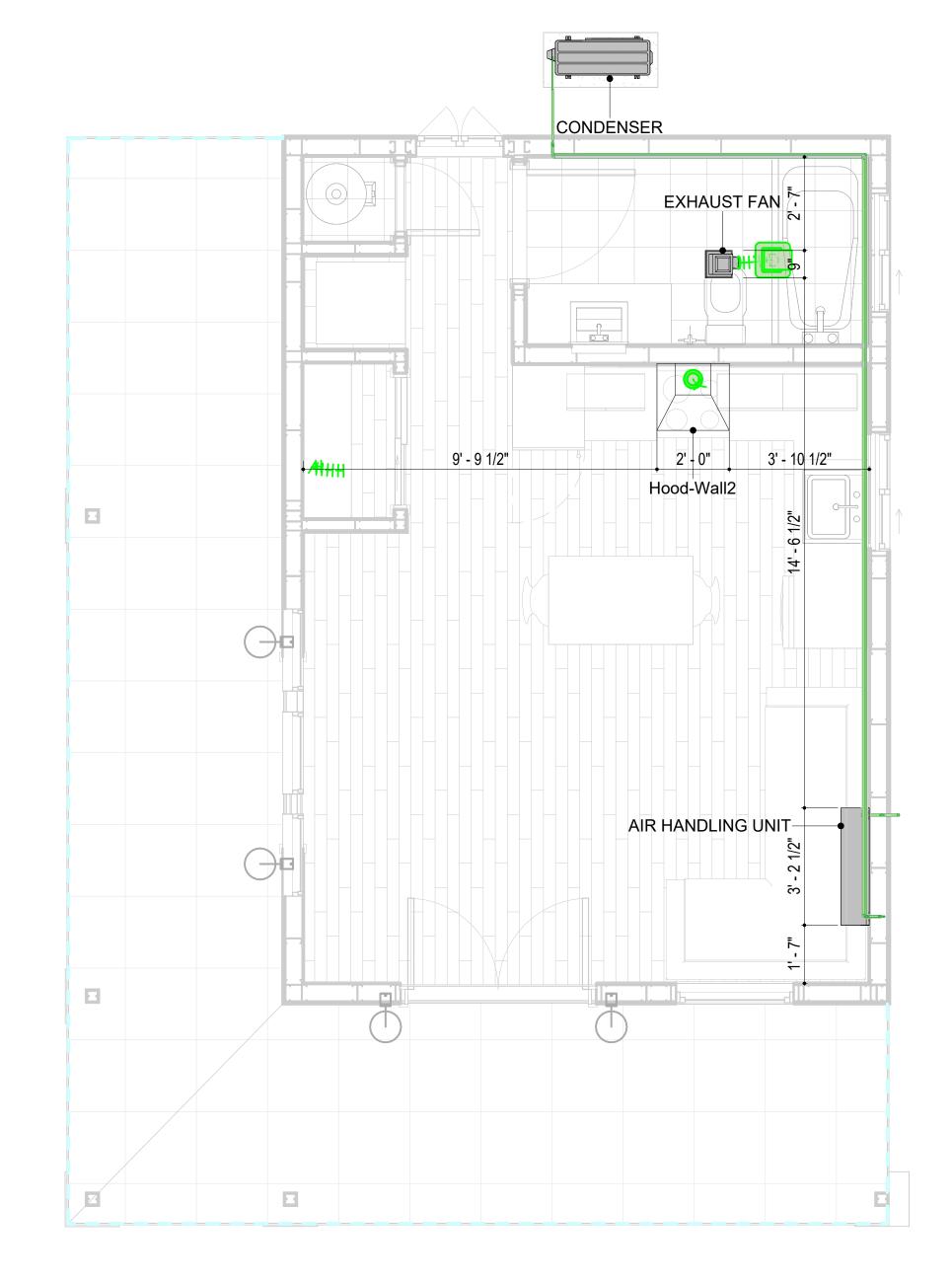
15. THE HVAC SYSTEM SHALL BE BALANCED AND ADJUSTED TO ENSURE PROPER AIRFLOW, TEMPERATURE DISTRIBUTION, AND SYSTEM PERFORMANC THROUGHOUT THE RESIDENCE. PROVIDE A WRITTEN REPORT DOCUMENTING THE FINAL SYSTEM BALANCE.

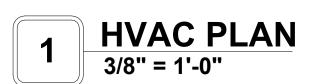
16. ANY DEVIATIONS OR MODIFICATIONS TO THE HVAC SYSTEM DESIGN SHALL BE REVIEWED AND APPROVED BY THE RESPONSIBLE DESIGN PROFESSIONALS AND COMMUNICATED TO ALL RELEVANT PARTIES INVOLVED IN THE CONSTRUCTION PROCESS.

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

### SYMBOLS









air conditioning pipe line

REFRIGERANT LINE SCHEDULE					
CATAGORY DESCRIPTION DIAMETER LENGTH					
Pipe Types	Copper	1/4"	0.88		
Pipe Types	Copper	3/8"	41.56		
Pipe Types	Copper	1/2"	0.87		
Pipe Types	Copper	3/4"	47.80		

REFRIGERANT LINE FITTING SCHEDULE					
CATAGORY	DESCRIPTION	Size	Count		
Elbow - Generic	Elbow - Generic: Standard/HVAC	1/2"ø-1/2"ø	1		
Elbow - Generic	Elbow - Generic: Standard/HVAC	1/4"ø-1/4"ø	1		
Elbow - Generic	Elbow - Generic: Standard/HVAC	3/4"ø-3/4"ø	11		
Elbow - Generic	Elbow - Generic: Standard/HVAC	3/8"ø-3/8"ø	7		
Transition - Generic	Transition - Generic: Standard	3/4"ø-1/2"ø	3		
Transition - Generic	Transition - Generic: Standard	3/4"ø-5/8"ø	1		
Transition - Generic	Transition - Generic: Standard	3/8"ø-1/4"ø	1		

MECHANICAL EQUIPMENT SCHEDULE					
CATAGORY	DESCRIPTION	COUNT			
AIR HANDLING UNIT	AIR HANDLING UNIT: WALL MOUNTED	1			
CONDENSER	CONDENSER: OUT DOOR	1			
Exhaust Fan	EXHAUST FAN: 75 CFM	1			
	Hood-Wall2: VENT 2	1			

DUCT FITTING SCHEDULE						
CATAGORY	DESCRIPTION	COUNT				
Round Transition - Angle	45 Degree	5				

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

FLEX DUCT SCHEDULE						
DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT		
Flex Duct Round	FLEX-ROUND	11.73	4"	3		
Grand total: 3	FLEX-ROUND	11.73	4	3		



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

33-Yoke-400-Studio-Spanish-550

DRAWING NAME

**HVAC PLAN** 

 CLIENT NAME:
 Owner

 PROJECT NUMBER:
 15\_0001

 DATE:
 2/11/2025 12:57:38 AM

 DESIGNED BY:
 Designer

 DRAWN BY:
 Author

 CHECKED BY:
 Checker

M101

### **ELECTRICAL NOTES**

- 1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 31-Yoke-400-Studio Contemporary-550. IT PROVIDES A VISUAL REPRESENTATION OF THE ELECTRICAL LAYOUT AND COMPONENTS, INCLUDING POWER DISTRIBUTION, LIGHTING, AND CONTROL SYSTEMS.
- 2. THE ELECTRICAL SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING POWER DISTRIBUTION, LIGHTING, AND SPECIALIZED ELECTRICAL EQUIPMENT NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
- 3. THE ELECTRICAL SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL BUILDING CODE (IBC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
- 4. LOCATIONS AS NEEDED, DEVICES ARE SHOWN ON PLANS IN APPROXIMATE IDEAL LOCATIONS, UNLESS SPECIFICALLY DIMMENSIONED.
- 5. OPEN WALLS AS NEEDED TO ALLOW FOR NEW ELECTRICAL INSTALLATIONS.
- 6. LABEL ALL CIRCUITS ON JUNCTION BOXES, RECEPTACLES, DATA, SMOKE DETECTOR, AND EQUIPMENT IN PANEL BOX.
- 7. INSTALL RACEWAY AS NEEDED FOR DDC, ACCESS CONTROL, LOW VOLTAGE WIRING & DATA.
- 8. RELABEL POWER, DATA & FIRE ALARM FOR ROOM #CHANGES.
- 9. VERIFY ALL CIRCUITS LABELED ON PRINT ARE CORRECT BEFORE WORKING ON THEM.
  10. NOTE ON SITE PLAN ALL CHANGES OR MISSING DETAIL TO BE INCORPORATED INTO THE MASTER PLAN.
- 11. DRAWINGS ARE DIAGRAMMATIC ONLY FOR THE PURPOSE OF SHOWING FIXTURE AND OUTLET LOCATIONS.
- 12. ELECTRICAL CONTRACTOR TO VERIFY SERVICE SIZE BY CALCULATION BASED UPON ACTUAL NAME PLATE RATINGS OF SELECTED EQUIPMENT.
- PLATE RATINGS OF SELECTED EQUIPMENT.

  13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN
- BUILDING FOUNDATION AT SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UPER GROUND IN
- 14. PROVIDE A MIN. OF 20 FEET OF ONE \*4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
- 15. PROVIDE WATERPROOF FIXTURES IN ALL HIGH MOISTURE AREAS (EXTERIOR, SHOWER AND TUB
- CEILINGS ETC.)
  16. PROVIDE DEDICATED CIRCUITS TO EACH BATH, DEN, FAMILY ROOM, BEDROOM, LOFT, KITCHEN
- REFRIGERATOR, KITCHEN FREEZER DISHWASHER, AND ANY AREA/ITEM SPECIFIED BY OWNER.

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

  18. ALL WORKMANSHIP AND MATERIALS TO CONFORM WITH THE 2015 IRC.
- 19. PROVIDE A MIN. OF 20 FEET OF ONE \*4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
- 20. PROVIDE A BONDING CONDUCTOR CONSISTING OF A MINIMUM OF ONE \*4 BARE COPPER WIRE CONNECTING THE BUILDING'S METAL WATER PIPING SYSTEM TO THE SERVICE EQUIPMENT ENCLOSURE GROUNDING.

### MAIN PANEL CALCS

ELECTRICAL CALCS	
LIGHT AND OUTLETS 400 @ 3W	1200 W
3 APPLIANCE CIRCUITS	4,500 W
DRYER	2,000 W
WASHER	2,000 W
RANGE	5,000 W
WATER HEATER	5,000 W
REFRIG.	1,800 W
DISHWASHER & DISPOSAL	3000 W
TOTAL	24,500 W
FRIST 10,000 @ 100% REMAINDER @ 40% MINI. SPLIT UNITS	10,000 W 5,800W 10,000 W
TOTAL	25,800 W
25,800 W DIVIDED BY 240V = 10	8 AMPS TOTAL

### (USE 200 AMP SERVICE)

### **ELECTRICAL ABBREVIATIONS LIST**

1P	1 POLE (2P, 3P, 4P, ETC.)	CTR	CENTER	нт	HEIGHT
Α	AMPERE	CU	COPPER	HTG	HEATING
AC	ABOVE COUNTER OR AIR CONDITIONER	DCP	DOMESTIC WATER CIRCULATING PUMP	HTR	HEATER
ACLG	ABOVE CEILING	DEPT	DEPARTMENT	HV	HIGH VOLTAGE
ADO	AUTOMATIC DOOR OPENER	DET	DETAIL	HVAC	HEATING, VENTILATING AND AIR
AF	AMP FRAME	DIA	DIAMETER	CONDITIONING	CONDITIONING
AFF	ABOVE FINISHED FLOOR	DISC	DISCONNECT	HWP	HYDRONIC WATER PUMP
AFG	ABOVE FINISHED GRADE	DIST	DISTRIBUTION	IC	INTERRUPTING CAPACITY
AFI	ARC FAULT CIRCUIT INTERRUPTER	DN	DOWN	IG	ISOLATED GROUND
AHU	AIR HANDLING UNIT	DPR	DAMPER	IMC	INTERMEDIATE METAL CONDUIT
AL	ALUMINUM	DS	SAFETY DISCONNECT SWITCH	INCAND	INCANDESCENT
ALT	ALTERNATE	DT	DOUBLE THROW	IR	INFRARED
AMP	AMPERE	DWG	DRAWING	I/W	INTERLOCK WITH
AMPL	AMPLIFIER	DDC	DIRECT DIGITAL CONTROL	J-BOX	JUNCTION BOX
ANNUN	ANNUNCIATOR APPROX APPROXIMATELY	EC	ELECTRICAL CONTRACTOR	KV	KILOVOLT
AQ-STAT	AQUASTAT	ELEC	ELECTRIC, ELECTRICAL	KVA	KILOVOLT-AMPERE
ARCH	ARCHITECT, ARCHITECTURAL	ELEV	ELEVATOR	KVAR	KILOVOLT-AMPERE REACTIVE
AS	AMP SWITCH	EM	EMERGENCY	KW	KILOWATT
AT	AMP TRIP	EMS	ENERGY MANAGEMENT SYSTEM	KWH	KILOWATT HOUR
ATS	AUTOMATIC TRANSFER SWITCH	EMT	ELECTRICAL METALLIC TUBING	LOC	LOCATE OR LOCATION
AUTO	AUTOMATIC	EP	ELECTRIC PNEUMATIC	LT	LIGHT
AUX	AUXILIARY	EQUIP	EQUIPMENT	LTG	LIGHTING
AV	AUDIO VISUAL	EWC	ELECTRIC WATER COOLER	LTNG	LIGHTNING
AWG	AMERICAN WIRE GAUGE	EXIST	EXISTING	LV	LOW VOLTAGE
BATT	BATTERY	EXH	EXHAUST	MAX	MAXIMUM
BD	BOARD	EXP	EXPLOSION PROOF	MAG.S	MAGNETIC STARTER
BLDG	BUILDING	FA	FIRE ALARM	M/C	MOMENTARY CONTACT
BMS	BUILDING MANAGEMENT SYSTEM	FABP	FIRE ALARM BOOSTER POWER	MC	MECHANICAL CONTRACTOR
CAR	CONDUIT	SUPPLY PANEL	SUPPLY PANEL	MCB	MAIN CIRCUIT BREAKER
CAB	CABINET	FACP	FIRE ALARM CONTROL PANEL	MCC	MOTOR CONTROL CENTER
CATY	CATALOG	FCU	FAN COIL UNIT	MDC	MAIN DISTRIBUTION CENTER
CATV	CABLE TELEVISION CIRCUIT BREAKER	FIXT   FLR	FIXTURE FLOOR	MDP MFR	MAIN DISTRIBUTION PANEL
CB CCTV	CLOSED CIRCUIT TELEVISION	FLUOR	FLUORESCENT	IVIFIX	MANUFACTURERMAIN FUSED DISCONNECT SWITCH
CKT	CIRCUIT	FU	FUSE	MH	MANHOLE
CLG	CEILING	FUDS	FUSED SAFETY DISCONNECT SWITCH	MIC	MICROPHONE
COMB	COMBINATION	GA	GAUGE	MIN	MINIMUM
CMPR	COMPRESSOR	GAL	GALLON	MISC	MISCELLANEOUS
CONN	CONNECTION	GALV	GALVANIZED	MLO	MAIN LUGS ONLY
CONST	CONSTRUCTION	GC	GENERAL CONTRACTOR	MMS	MANUAL MOTOR STARTER
CONT	CONTINUATION OR CONTINUOUS	GEN	GENERATOR	MOA	MULTIOUTLET ASSEMBLY
CONTR	CONTRACTOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER	MSP	MOTOR STARTER PANELBOARD
CONV	CONVECTOR	GFP	GROUND FAULT PROTECTOR	MSBD	MAIN SWITCHBOARD
CP	CIRCULATING PUMP	GND	GROUND	MT	MOUNT
CRT	CATHODE-RAY TUBE	GRS	GALVANIZED RIGID STEEL (CONDUIT)	MT.C	EMPTY CONDUIT
CT	CURRENT TRANSFORMER	GYP BD	GYPSUM BOARD	UL	UNDERWRITERS LABORATORIES
		3 55			

#### **Branch Panel:**

Location: LIVING AREA 2
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		Number of Elements	Rating	Length	Wire Size	A			В	Wire Size	Length	Rating	Number of Elements	Circuit Description	Circuit Numb er
1	LIV. LIGHT	9	15 A	32' - 11 3/8"	1-#14, 1-#14, 1-#14	396 VA	576 VA			1-#12, 1-#12, 1-#12	34' - 9 11/16"	20 A	7	BATH GFCI	2
3	KITCHEN & HALL LIGHT	9	20 A	52' - 8 15/32"	1-#12, 1-#12, 1-#12			336 VA	1200 VA	1-#12, 1-#12, 1-#12	43' - 7 3/4"	20 A	1	WASHING MASHEIN	4
5	WATER HEATER	1	30 A	45' - 11 7/8"	2-#10, 1-#10, 1-#10	2250 VA	2500 VA			2-#10, 1-#10, 1-#10	41' - 5 5/8"	30 A	1	DRYER	6
7								2250 VA	2500 VA						8
9	OUTDOOR GFCI	2	20 A	40' - 4 7/16"	1-#12, 1-#12, 1-#12	360 VA	2500 VA			2-#6, 1-#6, 1-#10	38' - 4 5/8"	60 A	1	CONDENSER	10
11	LIV. RECEPTACLE	5	20 A	39' - 7 11/16"	1-#12, 1-#12, 1-#12			900 VA	2500 VA						12
13	RIFRIGRATOR	1	20 A	32' - 0 3/8"	1-#12, 1-#12, 1-#12	1500 VA	540 VA			1-#12, 1-#12, 1-#12	29' - 10"	20 A	3	KITCHEN GFCI	14
15	RANGE	1	40 A	27' - 10 1/16"	2-#8, 1-#8, 1-#10			2500 VA	180 VA	1-#12, 1-#12, 1-#12	23' - 6 15/16"	20 A	1	OVENHOOD	16
17						2500 VA	1200 VA			1-#12, 1-#12, 1-#12	19' - 8 1/8"	20 A	1	DISHWASHER	18
19															20
21															22
23															24
25															26
						14320	VA	1236	55 VA						1
						119	Α	10	3 A						

1
Leaena

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
LIGHTING - DWELLING UNIT	200 VA	100.00%	200 VA		
OTHER	660 VA	100.00%	660 VA	Total Conn. Load:	26685 VA
RECEPTACLE	6240 VA	100.00%	6240 VA	Total Est. Demand:	25685 VA
LIGHTING	100 VA	100.00%	100 VA	Total Conn.:	111 A
CONDENSER	5000 VA	100.00%	5000 VA	Total Est. Demand:	107 A
WATER HEATER	4500 VA	100.00%	4500 VA		
RANGE	5000 VA	80.00%	4000 VA		
DRYER	5000 VA	100.00%	5000 VA		



**KEY PLAN** 

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

31-Yoke-400-Studio Contemporary-550

DRAWING NAME

# **SCHEDULE**

 CLIENT NAME:
 Owner

 PROJECT NUMBER:
 0143\_11

 DATE:
 2/10/2025 6:48:22 PM

 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 **APPLIANCE**
- C. TWO OR MORE 20 AMP SMALL APPLIANCE CIRCUITS SHALL BE PROVIDED TO SERVE THE KITCHEN, BREAKFAST NOOK, AND DINING ROOM. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS.
- D. AT LEAST ONE 20 AMP BRANCH CIRCUIT SHALL BE PROVIDED TO SERVICE THE LAUNDRY ROOM. THIS CIRCUIT SHALL HAVE NO OTHER OUTLETS.
- E. ALL RECEPTACLES WITH IN 6' OF A WET BAR SINK OR KITCHEN SINK TO SERVE COUNTER TOP SURFACES MUST BE GFCI. ON KITCHEN COUNTERS 12' OR WIDER NO POINT ALONG THE WALL SHALL BE MORE THAN 2' FROM A RECEPTACLE. ALL RECEPTACLES WITH IN 6' OF KITCHEN SINK MUST BE GFCI. AT LEAST ONE GFCI RECEPTACLE SHALL BE INSTALLED IN THE BATHROOM ADJACENT TO EACH BASIN.
- 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.

#### NOTE:

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

#### NOTE: APPLIANCE DISCONNECT

#### **E4001.5 GROUNDING OF ENCLOSURES.**

METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS SHALL BE CONNECTED TO AN

**EQUIPMENT GROUNDING CONDUCTOR.** 

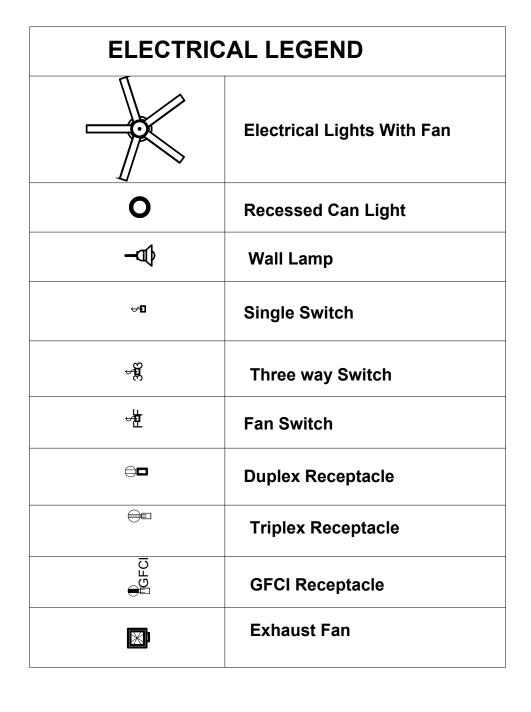
METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS USED AS SERVICE EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION E3609.4. WHERE

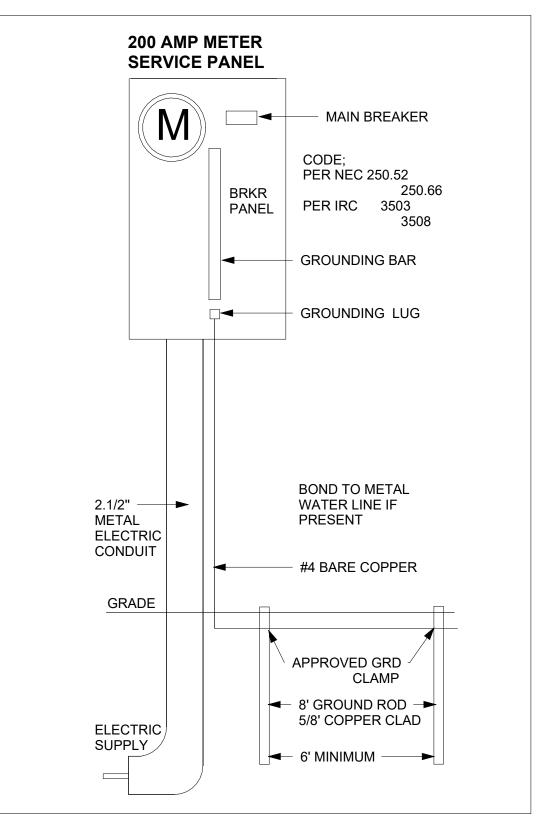
NONMETALLIC ENCLOSURES ARE USED WITH METAL RACEWAYS OR METAL-ARMORED

CABLES, PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING

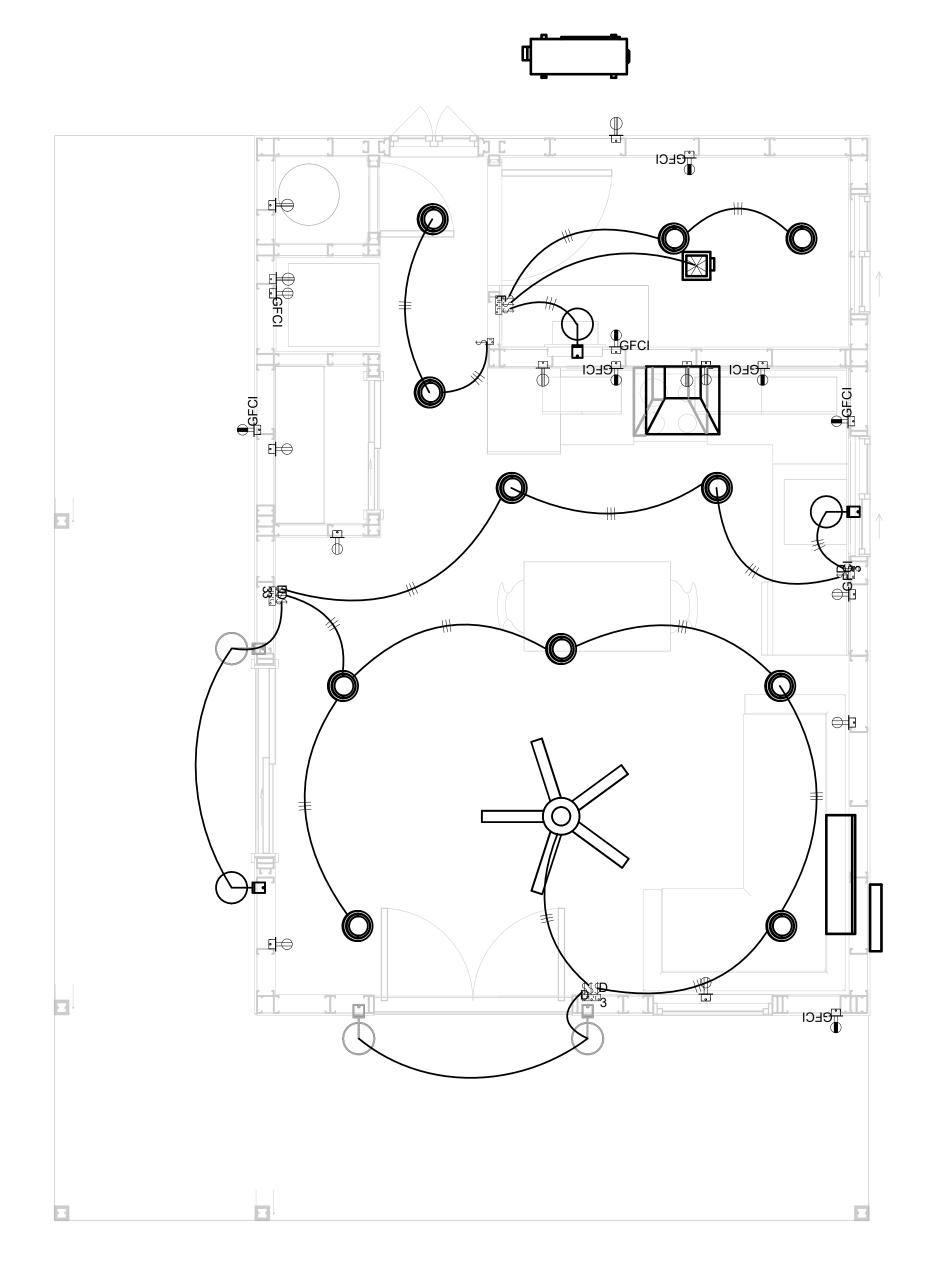
CONDUCTOR. NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT

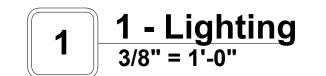
PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)













**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

31-Yoke-400-Studio **Contemporary-550** 

DRAWING NAME

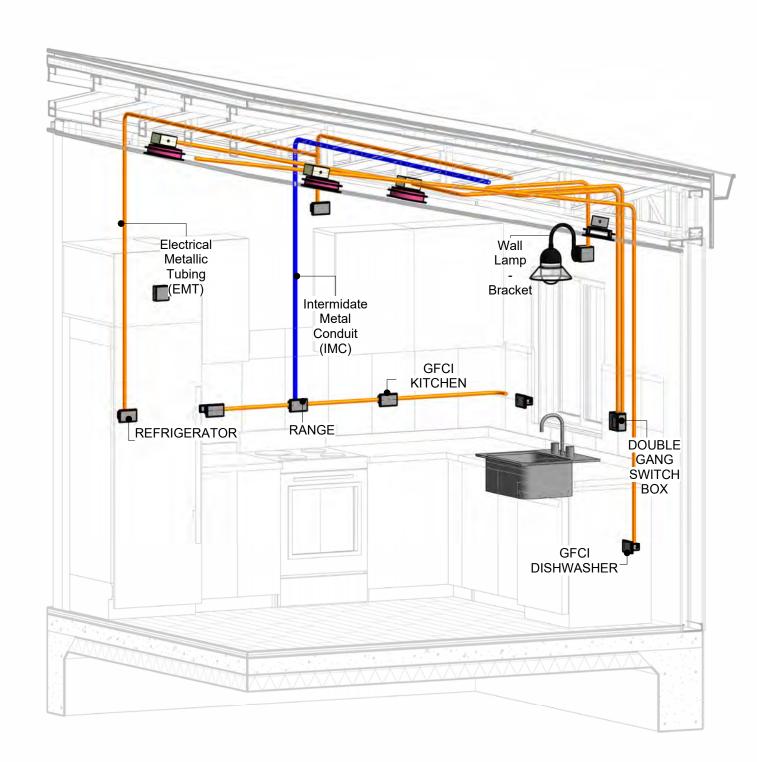
# LIGHTING

CLIENT NAME:	Owner
PROJECT NUMBER:	0143_11
DATE:	2/10/2025 6:48:24 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

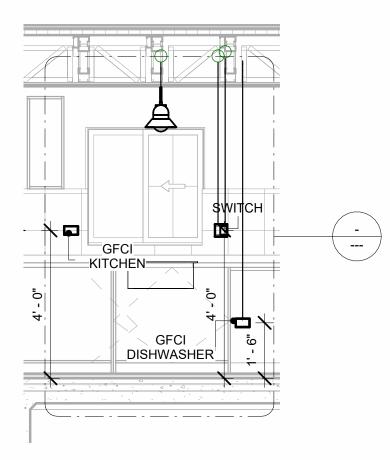
E102

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

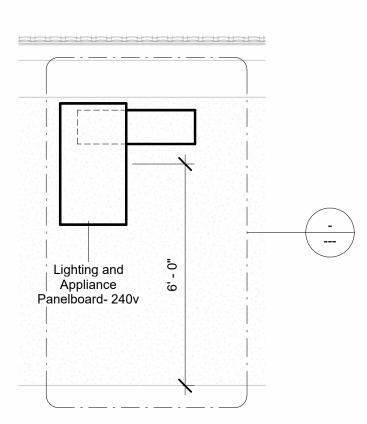
- Use Metalic Conduits (IMC) for cables running under concrete slabs.
   Use IMC for circuits with high voltage appliances (240 volts and above)
   For circuits with 120 volts consider using EMT or PVC conduits if needed.
   For Low voltage applications up to 50 volts consider using non metalic conduits.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



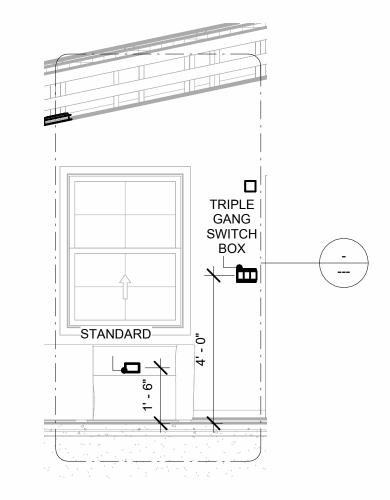
**3D-KITCHEN** 



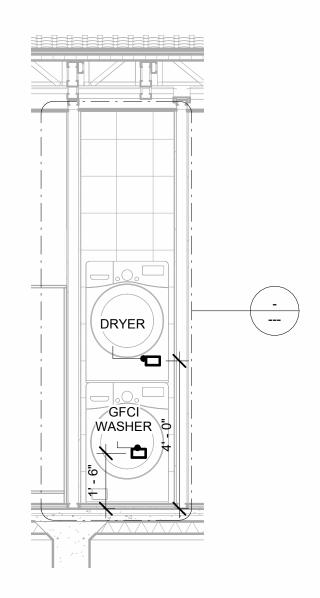
Section 1 3/8" = 1'-0"



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

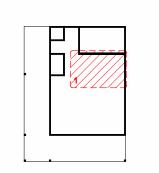


Section 2 3/8" = 1'-0"





**KEY PLAN** 



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

31-Yoke-400-Studio Contemporary-550

DRAWING NAME

**POWER** 

CLIENT NAME:	Owner
PROJECT NUMBER:	0143_11
DATE:	2/10/2025 6:48:51 PM
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**

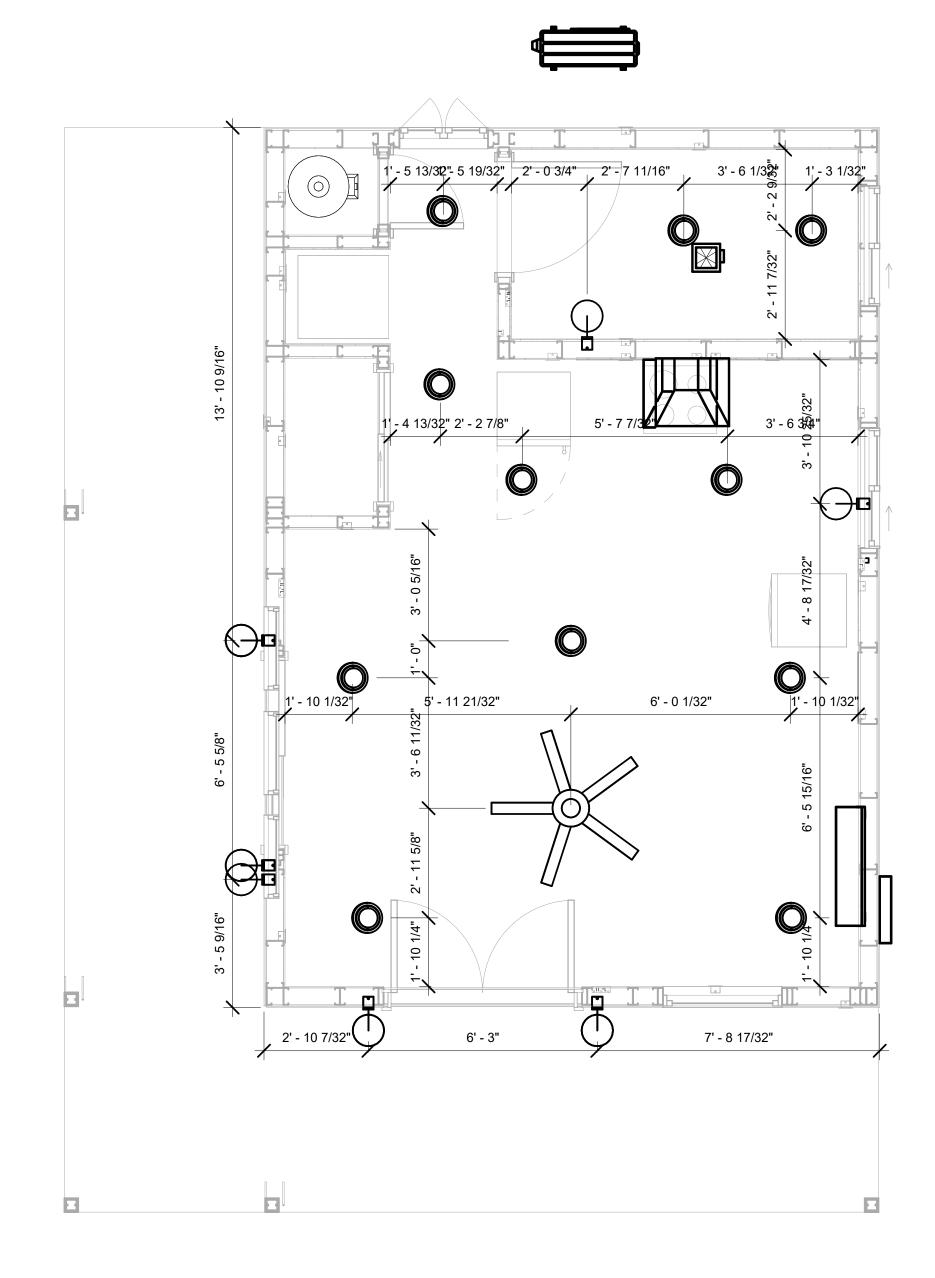
- 1. THE MINIMUM SIZE OF JUCTION BOX TO BE USED IS 2"X4"X(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
- 2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE
- JUCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"X4"X(1.5" OR 3.5" DEEP)
- 3. FOR THREE GANG (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			
PULLBOX1 12 #1/4 PULLBOX			

ELECTRICAL FIXTURE SCHEDULE (SWITCH BOX)		
TYPE COUNT		
DOUBLE GANG SWITCH BOX	1	
SINGLE GANG SWITCH BOX	1	
TRIPLE GANG SWITCH BOX	3	

LIGHTING DEVICE		
TYPE	COUNT	
DIMMER	1	
FAN SWITCH	1	
SINGLE POLE	6	
THREE WAY WITH DIMMER	4	

LIGHTING FIXTURE			
LIGHTING FIXTURE TYPE	VOLTAGE	ELECTRICAL LOAD	COUNT
ELECTRICAL_LIGHTS_FAN-LIGHT1	120 V/1-100 VA- 120 V/1-100 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	1
LIGHTING_RECESSED	120 V/1-60 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	11
WALL LAMP - BRACKET	120 V/1-100 VA	<varies></varies>	6



**DIMENSION FOR LIGHT FIXTURES** 



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

31-Yoke-400-Studio Contemporary-550

DRAWING NAME

# **DIMENSION PLAN** FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0143_11
DATE:	2/10/2025 6:48:52 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

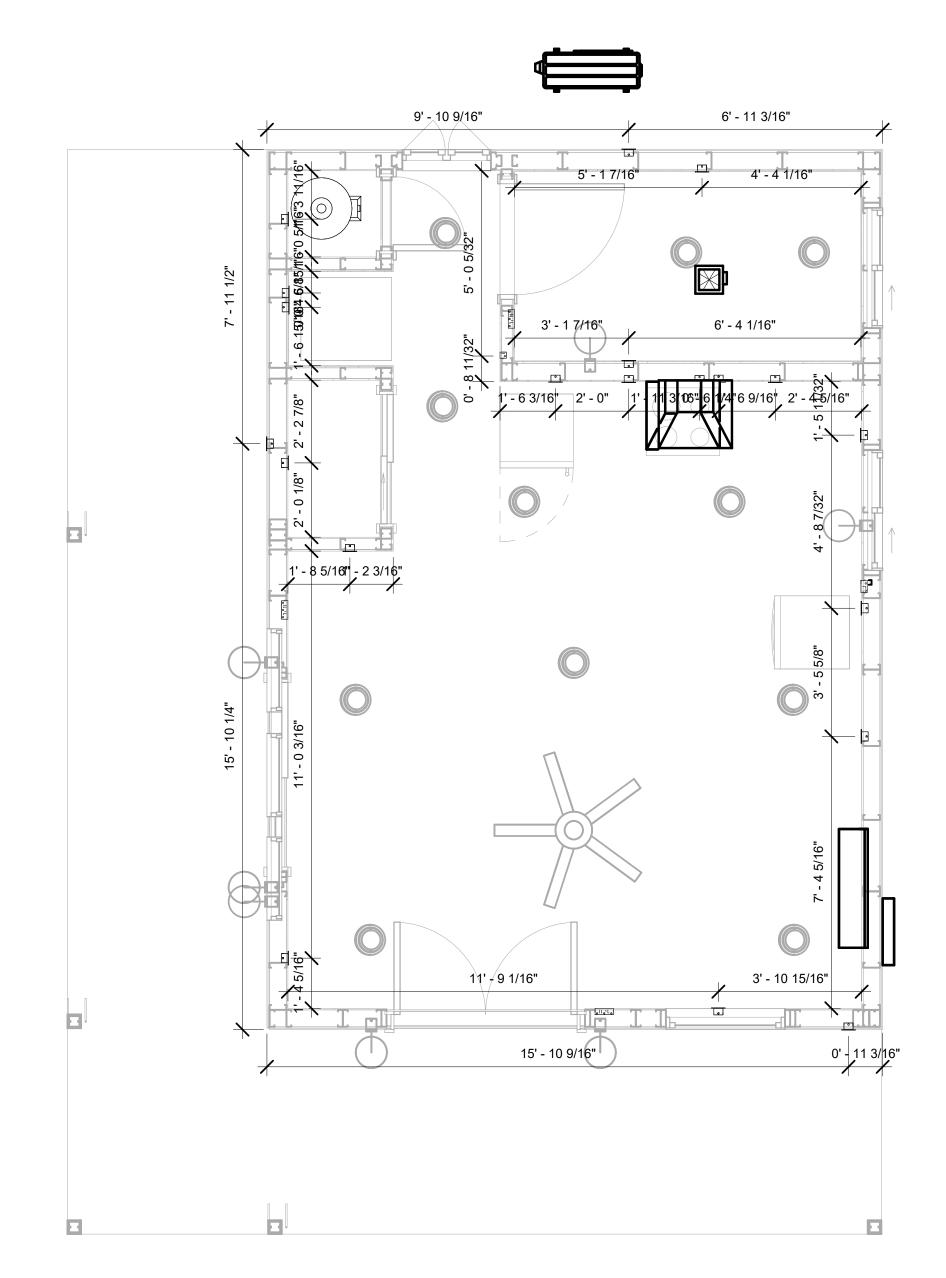
E104

# NOTES;

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

ELECTRICAL FIXTURE SCHEDULE (RECEPTACLE)		
TYPE	COUNT	
CONDENSER	1	
DRYER	1	
GFCI BATH ROOM	2	
GFCI DISHWASHER	1	
GFCI KITCHEN	3	
GFCI OUT DOOR	2	
GFCI WASHER	1	
OVEN HOOD	1	
RANGE	1	
REFRIGERATOR	1	
STANDARD	5	
WATER HEATER	1	

	ELECTRICAL OUTLET SCHEDULE			
TYPE	CIRCUIT NUMBER	ELECTRICAL DATA	COUNT	
GFCI BATH ROOM	2	120 V/1-180 VA	2	
GFCI WASHER	4	120 V/1-1200 VA	1	
WATER HEATER	5,7	240 V/2-4500 VA	1	
DRYER	6,8	240 V/2-5000 VA	1	
GFCI OUT DOOR	9	120 V/1-180 VA	2	
CONDENSER	10,12	240 V/2-5000 VA	1	
STANDARD	11	120 V/1-180 VA	5	
REFRIGERATOR	13	120 V/1-1500 VA	1	
GFCI KITCHEN	14	120 V/1-180 VA	3	
RANGE	15,17	240 V/2-5000 VA	1	
OVEN HOOD	16	120 V/1-180 VA	1	
GFCI DISHWASHER	18	120 V/1-1200 VA	1	







**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

31-Yoke-400-Studio Contemporary-550

DRAWING NAME

# **DIMENSION PLAN** FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0143_11
DATE:	2/10/2025 6:48:53 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

### SHEET LIST

SHEET NUMBER SHEET NAME

101 NC	TE AND SCHEDULE
-	ATER SUPPLY AND SEWAGE STEM

PIPE COL	OR SCHEME
	<ul><li>DOMESTIC COLD WATE</li><li>DOMESTIC HOT WATER</li><li>SANITARY VENT</li></ul>
	<ul><li>SANITARY SEWER</li><li>STORM DRAINAGE</li></ul>
	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.
- 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.
- PLUMBING SYSTEMS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE LOCAL PLUMBING CODE REQUIREMENTS.
- 5. PLUMBING FIXTURES SHALL BE INSTALLED WITH THE APPROPRIATE TRIM, FITTINGS, AND ACCESSORIES, AS RECOMMENDED BY THE MANUFACTURER.
- 6. PIPING SHALL BE PROPERLY SUPPORTED AND SECURED TO PREVENT SAGGING, MOVEMENT, AND VIBRATION.
- SHUT-OFF VALVES SHALL BE PROVIDED AT ALL BRANCH CONNECTIONS AND AT THE INLET AND OUTLET OF EACH PIECE OF EQUIPMENT.
- BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AS REQUIRED BY THE LOCAL
- PLUMBING CODE TO PROTECT THE POTABLE WATER SYSTEM. PLUMBING FIXTURES AND EQUIPMENT SHALL BE ACCESSIBLE FOR MAINTENANCE AND
- 10. EXPOSED PLUMBING PIPING AND FIXTURES SHALL BE INSULATED TO PREVENT CONDENSATION AND ENERGY LOSS.
- 11. DEAD ENDS IN THE DRAINAGE SYSTEM MUST BE AVOIDED, EXCEPT WHERE NECESSARY TO INSTALL A CLEANOUT IN AN ACCESSIBLE LOCATION, AND MUST HAVE A VENTED CONNECTION TO THE OUTSIDE ATMOSPHERE.
- 12. THE VERTICAL DEFLECTION OF PVC PIPE MUST NOT EXCEED 5%, AND NO DEFLECTION IS PERMITTED FOR IRON PIPE.
- 13. WORK MUST BE PROPERLY COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS, REFERRING TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR INFORMATION REGARDING CEILING ELEVATIONS, SPACE CLEARANCES, WALL AND PARTITION LOCATIONS, ETC.
- 14. ALL FIXTURES SHALL HAVE ACCESSIBLE STOPS.
- 15. DOMESTIC WATER PIPING SHALL BE PEX, AND PVC PIPING IS NOT ACCEPTABLE FOR INTERIOR USE.
- 16. VENT TERMINATIONS SHALL BE LOCATED AT LEAST 10 FEET FROM OR 3 FEET ABOVE ANY OPERABLE WINDOW, DOOR OPENING, AIR INTAKE, OR VENT SHAFT, AND AT LEAST 3 FEET IN EVERY DIRECTION FROM ANY LOT LINE, ALLEY, OR STREET.
- 17. PIPE AND FITTINGS UTILIZED IN THE WATER SUPPLY SYSTEM SHALL HAVE A MAXIMUM OF 8 PERCENT LEAD.
- 18. ACRYLONITRILE BUTADIENE STYRENE (ABS) SHALL BE USED FOR THE SEWERAGE AND VENTILATION SYSTEM.
- 19. CROSS-LINKED POLYETHYLENE (PEX) SHALL BE USED FOR THE WATER SUPPLY SYSTEM.
- POLYVINYL CHLORIDE (PVC) SHALL BE USED FOR THE RAIN WATER SYSTEM.
- 21. THE MIMIMUM WATER SUPPLY DEPTH UNDER FLOOR FINISH SHOUD BE 1/2".
- 22. ANY PIPE INSTALLED UNDERGROUND MUST HAVE AT LEAST 12 INCHES OF CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND ANY OTHER UNDERGROUND STRUCTURE.
- 23. THE MINIMUM CLEARANCE BETWEEN COLD AND HOT WATER LINES IN RESIDENTIAL HOMES MAINTAIN A MINIMUM DISTANCE OF 6 INCHES.
- 24. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES: A MINIMUM OF 12
- INCHES BETWEEN POTABLE WATER SUPPLY LINES (COLD AND HOT WATER) AND SANITARY SEWER LINES.

# **ABBREVIATIONS**

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

# PLUMBING LEGEND

D	CAP
	BEND 45 DEG
D	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"	12 FT				
ACRYLONITRILE BUTADIENE STYRENE (ABS)	2"	59 FT				
ACRYLONITRILE BUTADIENE STYRENE (ABS)	3"	23 FT				
CROSS-LINKED POLYETHYLENE (PEX)	1/2"	45 FT				
CROSS-LINKED POLYETHYLENE (PEX)	3/4"	63 FT				
CROSS-LINKED POLYETHYLENE (PEX)	1"	1 FT				
CROSS-LINKED POLYETHYLENE (PEX)	1 1/2"	1 FT				
CROSS-LINKED POLYETHYLENE (PEX)	3"	1 FT				
POLYVINYL CHLORIDE - RIGID	2"	17 FT				

CROSS-LINKED POLYETHYLENE (PEX)	3"	1 FT	
POLYVINYL CHLORIDE - RIGID	2"	17 FT	
FITTIN	IG SCHEDULE		
FITTING	SIZE	QTY	
DOMESTIC COLD WATER			
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	9	
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	3	
PEX TEE ELBOW	3/4"ø-3/4"ø-3/4"ø	7	
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	6	
DOMESTIC LIOT WATER			
DOMESTIC HOT WATER PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	9	
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	4	
PEX TEE ELBOW	3/4"ø-3/4"ø	4	
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	5	
RAIN WATER			
PVC 90 DEG BEND ELBOW	2"ø-2"ø	2	
OFIMACE			
SEWAGE ABS 90 DEGREE BEND ELBOW	3"ø-3"ø	3	
ABS P-TRAP	1 1/2"ø-1 1/2"ø	2	
ABS P-TRAP	2"ø-2"ø	3	
ABS P-TRAP	3"ø-3"ø	<u>3</u> 1	
ABS REDUCER ELBOW	3"ø-1 1/2"ø	2	
ABS REDUCER ELBOW	3"ø-2"ø	5	
ABS TEE ELBOW	1 1/2"ø-1 1/2"ø-1 1/2"ø	<u>3</u> 1	
ABS TEE ELBOW	2"ø-2"ø-2"ø	3	
ABS TEE ELBOW	3"ø-3"ø-3"ø		
ADD TEE EEDOVV	ש ט-ש ט-ש	1	
VENT			
ABS VENT CAP ELBOW	1 1/2"ø	1	
ABS VENT CAP ELBOW	2"ø	5	
	-		

WATER FIXTURE UNIT SCHEDULE								
FAMILY	QTY	UNIT VALUE	TOTAL					
BATH TUB - MAESTRO	1		0					
DISHWASHER	1	1.4	1.4					
DRYER	1		0					
SINK ISLAND SINGLE1	1		0					
VANITY SINK1	1		0					
WASHER	1	1.4	1.4					
WATER CLOSET2	1		0					
WATER HEATER	1		0					

FIXTURE SCHEDULE						
FIXTURE	QTY	DESCRIPTION				
BATH TUB - MAESTRO	1					
DISHWASHER	1	DRAIN TO SEWER SEE PLANS				
DRYER	1					
SINK ISLAND SINGLE1	1					
VANITY SINK1	1					
WASHER	1	DRAINS TO GRAY WATER OR SEWER SEE PLANS				
WATER CLOSET2	1					
WATER HEATER	1					

WASTE FIXTURE UNIT SCHEDULE							
FAMILY	QTY	DFU VALUES	TOTAL				
DATILITUD MAEOTDO							
BATH TUB - MAESTRO	1		0				
DISHWASHER	1	2	2				
DRYER	1		0				
SINK ISLAND SINGLE1	1		0				
VANITY SINK1	1		0				
WASHER	1	2	2				
WATER CLOSET2	1		0				
WATER HEATER	1		0				

FIXTURE CONNECTION SCHEDULE											
FAMILY	W	V	TRAP	CW	HW	QTY	DF U	TO T.	WF U	тот.	NOTES
BATH TUB - MAESTRO						1		0			
DISHWASHER	2"	1-1/2"	1-1/2"	1/2"	1/2"	1	2	2	1.4	1.4	DRAIN TO SEWER SEE PLANS
DRYER	N/A	N/A	N/A	N/A	N/A	1		0			
SINK ISLAND SINGLE1						1		0			
VANITY SINK1						1		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 CLOSET2						1		0			
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"	1		0			

PLUMBING SCHEDULE							
FIXTURE	TRAP	WASTE	VENT	C.W	H.W		
BATH TUB - MAESTRO							
DISHWASHER	1-1/2"	2"	1-1/2"	1/2"	1/2"		
DRYER	N/A	N/A	N/A	N/A	N/A		
HANGING PIPES CLAMP							
SINK ISLAND SINGLE1							
VANITY SINK1							
WASHER	2"	2"	1-1/2"	1/2"	1/2"		
WATER CLOSET2							
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"		

ACCESSORIES & FITTINGS SCHEDULE									
FIXTURE QTY DESCRIPTIONS									
DISHWASHER SUPPLY SINGLE CONNECTOR	2								
DISHWASHER CONNECTOR SINGLE	2								
HANGING PIPES CLAMP	4								
HOSE BIB	1								
SHUTOFF VALVE	6								



**KEY PLAN** 

NO.	DESCRIPTION	DATE	

NOTE:

LEGEND:

PROJECT

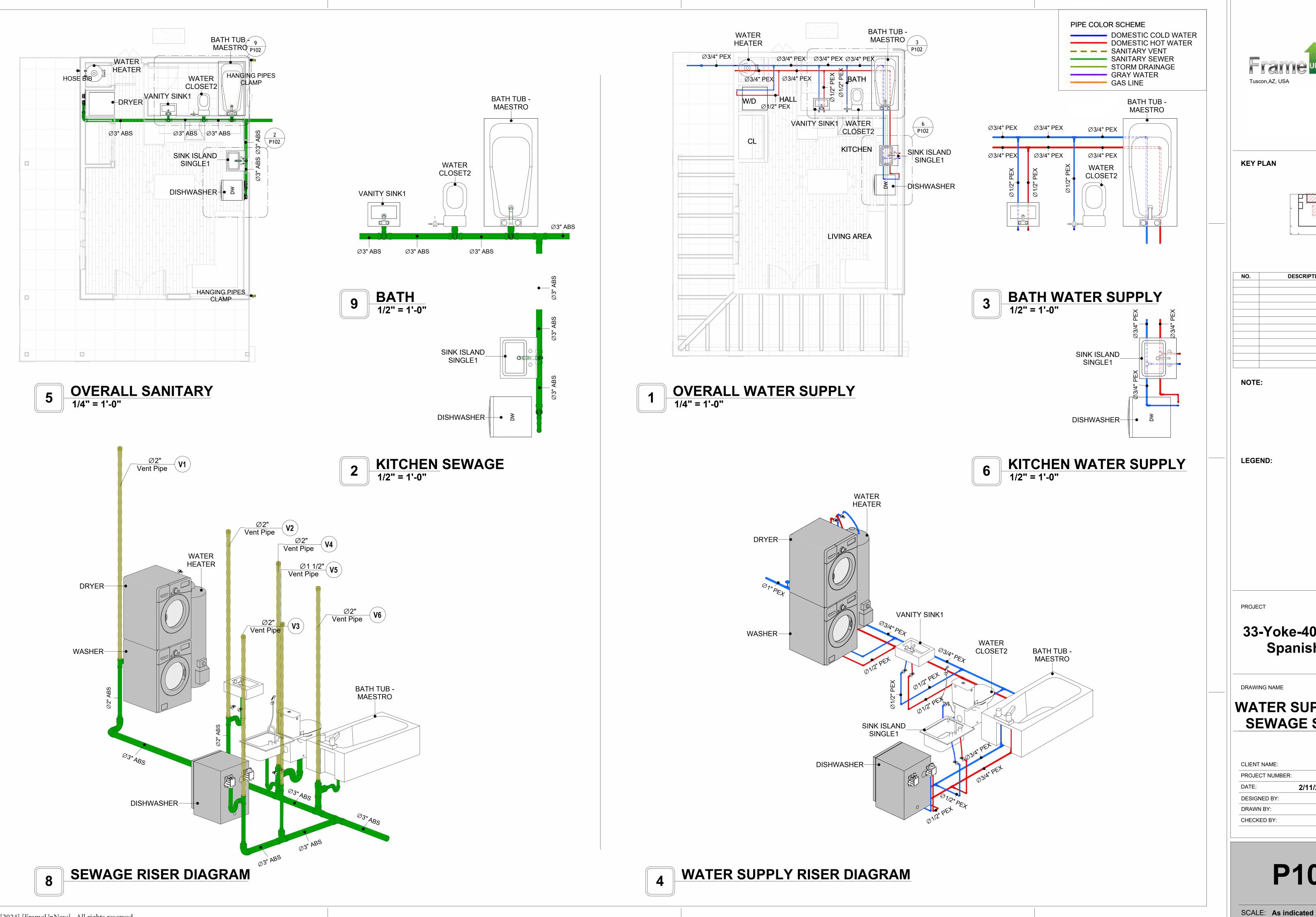
33-Yoke-400-Studio Spanish-550

DRAWING NAME

**NOTE AND SCHEDULE** 

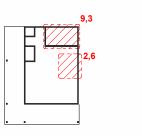
CLIENT NAME: PROJECT NUMBER: 0143\_11 DATE: 2/11/2025 11:09:10 AM Designer DESIGNED BY: DRAWN BY: Author CHECKED BY: Checker

P101





**KEY PLAN** 



NO.	DESCRIPTION	DATE
NOTE	i:	

LEGEND:

PROJECT

33-Yoke-400-Studio Spanish-550

DRAWING NAME

# WATER SUPPLY AND **SEWAGE SYSTEM**

CLIENT NAME:	
PROJECT NUMBER:	0143_11
DATE:	2/11/2025 11:09:38 AM
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 N	Metal	Explanation
1 DIY Construction Benefit		$\checkmark$	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		$\checkmark$	Savings in time, labor, and other areas make light gauge steel LESS expensive
7 Termites and wood boring insects		<b>~</b>	Termites, carpenter ants and wood boring insects eat wood, not metal
8 Mold resistant		$\checkmark$	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>~</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		$\checkmark$	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		<b>~</b>	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>Y</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-Studio-Spanish 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

# Name



## Link Dago No

- 12	T	ranic	LITIK	I age 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

**Table Of Content** 

#### Have It Your Way!

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

#### **GENERAL NOTES**

- 1 This BOM (Bill of Materials) is prepared as a Materials Shopping List to help builders and DIYers gain a complete understanding of most if not all elements required for the complete construction of this structure, according to the original design documents provided by FrameUpNow.
- 2 All quantities and specifications are subject to change based on the final design, field measurements, availability of products and customer preferences. The customer should verify all information prior to purchasing materials.
- 3 All products and elements in the list shall conform to the International Residential Code (IRC), or any other local and international building codes, safety regulations, and standards that are applicable to the location of the structure.
- 4 If any changes are made by the customer to the list of materials specified in this document, the customer is responsible for assuring that the correct type and quantity of materials are utilized in accordance with local building
- 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.
- If there are additional trim elements or specific installation methods, the total amount of materials needed might vary. Consider any additional trim required for corners, intersections, or other architectural details that might cause this variations before procedding to purchase and construction.

#### **ARCHITECTURAL BOM**



	Yoke-Studio-Spanish									
	ARCHITECTURAL MATERIAL SHOPPING LIST									
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description			
1	Refrigerator		PCS	1						
2	Range		PCS	1						
3	Washer		PCS	1						
4	Dryer		PCS	1						
5	Dish Washer		PCS	1						
6	Oven		PCS	0						
7	Microwave		PCS	0						
$\triangle$	CASEWORKS									
1	Kitchen Cabinet		FT	15.74						
2	Laundry Cabinet		FT	0						
3	Vanity Cabinet		FT	4						
4	Medicine Cabinet		PCS	1						
5	Kitchen countertop		SF	24.45						
6	Laundry Countertop		PCS	0						
7	Bathroom Countertop		SF	0						
8	Island		FT	0						
9	Peninsula		FT	0						
10	Closets		SF	25.11						
Δ	CEILING	<u> </u>	1-							
	Ceiling Board	Dry Wall	SF	314.17						
	Dry Wall Fastener	Screw	PCS	549.7975						
3	Vapor Retarder	Polyethylene film	SF	368.11						
4	Vapor Retarder Fastener	Nails with washer heads	PCS	1104.33						
5	Ceiling Board (MRD)	Moisture resistant drywall	SF	53.94						
	MRD Fastener	indictars resistant aryman	PCS	94.395						
7	Ceiling Board	Marine Plywood	SF	0						
	Marine Plywood Fastener	Screw	PCS	0						
	Dry Wall Tape	Sciew	FT	184.055						
<u></u>	FLOORING			104.033						
	Main Living Space		SF	296.79						
2	Bathroom		SF	53.98						
3	Porch		SF	277.83						
J	I OIGH		31	211.03						
_	STRUCTURE				-					
	Foundation		SF	677.61						
	WALLS EXTERIOR		SF	0//.01	-					
	Exterior Wall Siding		SF	655						
2	Wall Paint		SF	655						
3	Wall Shteathing (OSB)		SF	655						
		Calf drillian annua (100/ 11)								
4	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	6.55						
5	Wall Insulation		SF	1319						
6	Wall Homewrap	0, 1, 16, 1, (000/11)	SF	655						
7	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	2.489						

#### **ARCHITECTURAL BOM**



	WALLS INTERIOR				
1	Cementitious Backer Board		SF	346	
2	Kerdi membrane		SF	346	
3	Kerdi membrane Fastener		SF	346	
<u> </u>	Wall Ceramic Tile		SF	346	
4			SF		
5	Drywall Board	C 15 12112 (100/11)	-	747	
6	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	4.82	
7	Wall Paint		SF	747	
8	Drywall Tape		FT	140.3678397	
9	Wall Sweep		FT	38.5	
<u></u>	DOORS				
1	Interior Swinging	3' - 0" X 6'-8"	PCS	1	
2	Patio Sliding	5' - 0" X 6'-8"	PCS	1	
3	Exterior Swinging	5' - 0" X 6'-8"	PCS	1	
4	Interior Swinging	2' - 0" X 6'-8"	PCS	1	
5	Interior Sliding	3' - 6" X 6'-8"	PCS	1	
6	Exterior Door Trim			36.68	
7	Interior Door Trim			166.4	
8	Entry Lock set			2	
9	Privacy Lock set			1	
10				2	
Δ	WINDOWS	'			
1	Single Hung	3' - 3" X 4'-3"	PCS	1	
2	Sliding	3' - 3" X 3'-3"	PCS	1	
3	Sliding	3' - 3" X 1'-9"	PCS	1	
4	Casement	2' - 5" X 4'-3"	PCS	1	
5	Fixed	2' - 3" X 2'-2"	PCS	3	
6	Exterior Window Trim			78.4	
7	Interior Window Trim			78.4	
	ROOF	l		70.1	
1	Roof Covering		SF	827	
2	Roof Covering Fastener		PCS	413.5	
3	Roof Felt Paper		SF	827	
4	Roof Felt Paper Fastener		PCS	2481	
5	Roof Sheathing		SF	827	
6	Roof Sheathing Fastener		PCS	6616	
7	Batten		FT	215	
8	Batten Fastener		PCS	161.6541353	
9	Soffit		SF		
_				0	
10	Soffit Fastener		PCS	0	
11			FT	82	
12	Fascia board fastener		PCS	41	
_ 13	Roof Insulation		SF	827	



		Yo	ke-Studio-S <sub>l</sub>	oanish				
ELECTRICAL MATERIAL SHOPPING LIST								
No.	Item	Туре	Unit	Quantity		Total	Description	
Δ	LIGHTING FIXTURES							
1	Kitchen Ceiling Light		PCS	2				
2	Exterior Wall Mounted Light		PCS	1				
3	Livingroom Ceiling Light With Fan		PCS	4				
4	Bedroom Ceiling Light With Fan		PCS	1				
5	Dining Ceiling Light		PCS	0				
6	Bath Wall Mounted Light		PCS	0				
7	Bathroom Ceiling Light		PCS	1				
	Livingroom Ceiling Light		PCS	2				
	Bedroom Ceiling Light		PCS	5				
	Hall & Entry Ceiling Light		PCS	0				
	Closet Ceiling Light		PCS	2				
	Smoke Detector		PCS	0				
	ELECTRICAL FITTINGS	1	1 2 2	-				
	Standard Receptacle 120V	20A	PCS	5				
	GFCI Receptacle 120V	20 A	PCS	8				
15	GFCI Receptacle 240V	30 A	PCS	2				
16	GFCI Receptacle 240V	40 A	PCS	1				
17	GFCI Receptacle 240V	60 A	PCS	1				
	Fan Switch	0071	PCS	1				
19	Single Pole Switch		PCS	6				
	Three Way Switch		PCS	4				
	Dimmer Switch		PCS	1				
	ELECTRICAL CONDUITS & WIRING		1 00	'				
	ROMEX 14 AWG	14/2 w/ground	FT	33				
	ROMEX 12 AWG	12/3 w/ground	FT	317				
	ROMEX 12 AWG	12/2 w/ground	FT	0				
	ROMEX 10 AWG	10/2 w/ground	FT	0				
	ROMEX 10 AWG	10/3 w/ground	FT	89				
	ROMEX 8 AWG	8/3 w/ground	FT	28				
	ROMEX 6 AWG	6/3 w/ground	FT	36				
	Bare Copper Ground Wire 6 AWG	0/3 W/ground	11	30				
	ELECTRICAL BOXES & CIRCUTES							
	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1				
	Circuit breaker	15 A	PCS	1				
32	Circuit breaker	20 A	PCS					
	Circuit breaker	30 A	PCS	9				
		+	PCS	2				
	Circuit breaker	40 A	PCS	1				
	Circuit breaker	60 A						
	Single Gang Switch Box		PCS	1				
	Double Gang Switch Box		PCS	1				
	Triple Gang Switch Box	110.14	PCS	3				
	Pull Box	#1/4	PCS	12				
40	Receptacle Box		PCS	20				

#### **PLUMBING BOM**



#### Yoke-Studio-Spanish

	PLI	JMBING SYSTEM	MATERIA	L SHOP	PING LIS	Γ	
Vo.	Item	Туре	Unit	Quantity	Unit Price	Total	Description
Δ	PLUMBING FIXTURES & ACCESSORIES						
1	Bath Tub (Alcove Tub)		PCS	1			
2	Kitchen Sink		PCS	1			
3	Kitchen Faucets		PCS	1			
4	Vanity Sink		PCS	1			
5	Bath room Faucets		PCS	1			
6	Water Closet		PCS	1			
7	Shower Trim		PCS	0			
8	Shower Tray		PCS	0			
9	Water Heater		PCS	1			
10	Hose Bib		PCS	1			
11	Shutoff Valve		PCS	6			
12	Hanging pipe clamp		PCS	4			
	Gate Valve		PCS	1			
	Dishwasher Supply Single Connector		PCS	1			
	Dishwasher Sewage Single Connector		PCS	1			
	Laundry Sweat Connector		PCS	1			
Δ	SANITARY & PLUMBING PIPES						
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"	FT	0			
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	12			
	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	60			
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	23			
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	48			
	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	63			
	PEX (Cross-linked polyethylene) Pipes	ø 1"	FT	1			
	PVC Pipes Sch.80 - Rigid	ø 1 1/2"	FT	0			
	PVC Pipes Sch.80 - Rigid	ø 2"	FT	0			
	PVC Pipes Sch.80 - Rigid	ø 3"	FT	0			
	Flex Pipe Round	ø 1/2"	PCS	8			
	Flex Pipe Round	ø 3/4"	PCS	0			
	Flex Pipe Round	ø 1"	PCS	0			
	PIPE FITTINGS	ושן	1 63	0			
_	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	9			
	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	3			
	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	7			
4	PEX Transition Elbow	3/4"ø-1/2"ø	PCS	6			
	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	9			
6		3/4"ø-3/4"ø	PCS	4		-	
	PEX 90 Degree Elbow PEX Tee Elbow	3/4 Ø-3/4 Ø 3/4"Ø-3/4"Ø-3/4"Ø	PCS	4			
			PCS	5			
9	PEX Transition Elbow	3/4"ø-1/2"ø 2"ø-2"ø	PCS	12			
	PVC 90 Deg Bend Elbow						
	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	3			
	ABS P-Trap	1 1/2"ø-1 1/2"ø	PCS	2			
	ABS P-Trap	2"ø-2"ø	PCS	3			
	ABS P-Trap	3"ø-3"ø	PCS	1			
	ABS Reducer Elbow	3"ø-1 1/2"ø	PCS	2			
15	ABS Reducer Elbow	3"ø-2"ø	PCS	5			

### **HVAC BOM**



	Yoke-Studio-Spanish									
	HVAC SYSTEM MATERIAL SHOPPING LIST									
No.	No. Item Type Unit Quantity Unit Price Total Description									
	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									
8	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	1						
9	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)	PCS	1						
10	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	11						
11	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)	PCS	8						
12	TRANSITION (REFRIGERANT	3/4" (Ø)-1/2" (Ø)	PCS	2						
13	TRANSITION (REFRIGERANT	3/4" (Ø)-3/8" (Ø)	PCS	1						
14	TRANSITION (REFRIGERANT	3/8" (Ø)-1/4" (Ø)	PCS	1						
15	ROUND TRANSITION(ANGLE)	45 DEGREE	PCS	5						
	HVAC_EQUIPMENTS									
19	AIR HANDLING UNIT	WALL MOUNTED	PCS	1						
20	CONDENSER	OUTDOOR UNIT	PCS	1						
21	EXHAUST FAN	75 CFM	PCS	1						
22	EXHAUST HOOD	WALL MOUNTED	PCS	1						
23	HOOD-WALL: VENT	HOOD-WALL: VENT	PCS	1						
24	DRAYER: VENT	DRAYER: VENT	PCS	1						
25	ROOF VENT	3"(Ø)	PCS	1						



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

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

#### **GENERAL NOTES**

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



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



		ELECTRICAL FITTINGS							
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total		
l	Standard Receptacle 120V	20A		PCS	5				
	GFCI Receptacle 120V	20 A		PCS	8				
	GFCI Receptacle 240V	30 A		PCS	2				
	GFCI Receptacle 240V	40 A		PCS	1				
,	GFCI Receptacle 240V	60 A		PCS	1				
ò	Fan Switch			PCS	1				
,	Single Pole Switch			PCS	6				
3	Three Way Switch			PCS	4				
)	Dimmer Switch			PCS	1				
.0									
.1									
.2									
.3									
4									
.5									



			ELECTRICAL CONDUITS & WIRING				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ROMEX 14 AWG	14/2/W/ground		FT	33		
2	ROMEX 12 AWG	12/3/W/ground		FT	317		
}	ROMEX 12 AWG	12/2/W/ground		FT	0		
	ROMEX 10 AWG	10/3/W/ground		FT	89		
<b>,</b>	Romex 8 AWG	8/3/W/ground		FT	28		
j	ROMEX 6 AWG	6/3/W/ground		FT	36		
7	Bare Copper Ground Wire 6 AWG			FT			
3							
)							
.0							
.1							
.2							
.3							
.4							



			ELECTRICAL BOXES & CIRCUTES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Panelboard -240V 1 Phase MLO	200 AMP		PCS	1		
2	Circuit breaker	15 A		PCS	1		
3	Circuit breaker	20 A		PCS	9		
4	Circuit breaker	30 A		PCS	2		
5	Circuit breaker	40 A		PCS	1		
6	Circuit breaker	60 A		PCS	1		
7	Single Gang Switch Box			PCS	1		
8	Double Gang Switch Box			PCS	1		
9	Triple Gang Switch Box			PCS	3		
10	Pull Box	#1/4		PCS	12		
13	Receptacle Box			PCS	20		
14							
15							

# **HVAC BOM**



			HVAC_DUCTS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	0.88		
2	PIPE (REFRIGERANT LINE)	3/8" (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	4" (Ø)		FT	6.9		
6	FLEX DUCT ROUND	4" (Ø)		FT	5		

# **HVAC BOM**



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

# **HVAC BOM**



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



		PLUMBING FIXTURES & ACCESSORIES									
‡	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total				
	Bath Tub (Alcove Tub)			PCS	1						
)	Kitchen Sink			PCS	1						
	Kitchen faucets			PCS	1						
ļ	Vanity Sink			PCS	1						
5	Bath room faucets			PCS	1						
, )	Water Closet			PCS	1						
1	Shower Trim			PCS	C						
3	Shower Tray			PCS	C						
)	Water Heater			PCS	1						
0	Hose Bib			PCS	1						
1	Shutoff Valve			PCS	6						
2	Hanging pipe clamp			PCS	4						
3	Globe Valve			PCS	1						
14	Dishwasher Supply Single Connector			PCS	1						
5	Dishwasher Sewage Single Connector			PCS	1						
6	Laundry Sweat Connector			PCS	1						



SANITARY & PLUMBING PIPES									
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total		
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"		FT	0				
)	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"		FT	12				
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"		FT	60				
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"		FT	23				
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"		FT	48				
5	PEX (Cross-linked polyethylene) Pipes	ø 3/4"		FT	63				
7	PEX (Cross-linked polyethylene) Pipes	ø 1"		FT	1				
3	PVC Pipes Sch.80 - Rigid	ø 1 1/2"		FT	0				
)	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				



		PIPE FITTINGS 01									
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total				
	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	9						
	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	3	3					
	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	7	,					
	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	6						
	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	9						
	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	4						
	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	4						
	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	5						
	PVC 90 Deg Bend Elbow	2"ø-2"ø		PCS	12	2					
0	ABS 90 Degree Bend Elbow	3"ø-3"ø		PCS	3	3					
1	ABS P-Trap	1 1/2"ø-1 1/2"ø		PCS	2	2					
2	ABS P-Trap	2"ø-2"ø		PCS	3	3					
3	ABS P-Trap	3"ø-3"ø		PCS	1						
4	ABS Reducer Elbow	3"ø-1 1/2"ø		PCS	2						
5	ABS Reducer Elbow	3"Ø-2"Ø		PCS	5						



		PIPE	FITTINGS 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø		PCS	1		
2	ABS TEE Elbow	2"Ø-2"Ø-2"Ø		PCS	3	3	
3	ABS TEE Elbow	3"ø-3"ø-3"ø		PCS	7	7	
4	ABS Vent Cap Elbow	1 1/2"ø		PCS	1		
5	ABS Vent Cap Elbow	2"ø		PCS	5		



			APPLIANCES			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total
1	Refrigerator			PCS	1	
2	Range			PCS	1	
3	Washer Front Load	Stackable		PCS	1	
4	Dryer Front Load	Stackable		PCS	1	
5	Dish Washer			PCS	1	
6	Oven			PCS	0	
7	Microwave			PCS	0	



			CASEWORKS 01			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit	Price Total
1	Kitchen Cabinet			FT	15.74	
2	Laundry Cabinet			FT	0	
3	Vanity Cabinet			FT	4	
4	Medicine Cabinet			PCS	1	
5	Kitchen countertop			SF	24.45	
6	Laundry Countertop			PCS	0	
7	Bathroom Countertop			SF	0	
8	Island			FT	0	
9	Peninsula			FT	0	
10	Closets			SF	25.11	



			CEILING 01			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Ur	it Price   Total
	LIVING ROOM + KITCHEN			SF	268.5	
1	Ceiling Board	Drywall		SF	268	
2	Drywall Fastener	Screw		PCS	470	
3	Vapor Retarder	Polyethylene film		SF	268.5	
4	Vapor Retarder Fastener	Nails with washer heads		PCS	805.4	
	BATH ROOM			SF	53.9	
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	54	
6	MRD Fastener	Screw		PCS	94	
	HALL + WD			SF	26.3	
7	Ceiling Board	Drywall		SF	26	
8	Drywall Fastener	Screw		PCS	46	
9	Vapor Retarder	Polyethylene film		SF	26	
10	Vapor Retarder Fastener	Nails with washer heads		PCS	79	



			CEILING 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity U	nit Price Total	
	CLOSET			SF	12.2		
11	Ceiling Board	Drywall		SF	12		
12	Drywall Fastener	Screw		PCS	21		
13	Vapor Retarder	Polyethylene film		SF	12		
14	Vapor Retarder Fastener	Nails with washer heads		PCS	37		
	WH			SF	7.3		
15	Ceiling Board	Drywall		SF	7		
16	Drywall Fastener	Screw		PCS	13		
17	Vapor Retarder	Polyethylene film		SF	7		
18	Vapor Retarder Fastener	Nails with washer heads		PCS	22		



			FLOORING INTERIOR 01			
	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total
	CLOSET					
	Closet Flooring			SF	12.61	
	Wood underlay	Foam Pad Polyethylene		SF	12.61	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	12.61	
	LIVING ROOM AND KITCHEN					
	Living Area Flooring			SF	284.18	
	Wood underlay	Foam Pad Polyethylene		SF	284.18	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	284.18	
	BATHROOM					
	Tile Finish			SF	37.81	
	Adhesive	1/2" Thin set Mortar		SF	37.81	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	37.81	
	W/D					
0	Tile Finish			SF	8.28	
1	Adhesive	1/2" Thin set Mortar		SF	8.28	
2	Vapor Retarder	Vapor Barrier Polyethylene		SF	8.28	



			FLOORING INTERIOR 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BOILER ROOM						
1	Tile Finish			SF	7.89		
	Adhesive	1/2" Thin set Mortar		SF	7.89		
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	7.89		



			FLOORING EXTERIOR				
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity U	Init Price	Total
	STRUCTURE			SF	677.61		
1	Concrete Slab	4"concrete cast in situ		CF	232.93		
2	Insulation	Rigid insulation		SF	218		
3	Hard core	Compacted soil		CF	161.17		
4	Re-bar	#4 re-bar		Ton	0.67		
5	Concrete Pad	4"concrete cast in situ		CF	1.58		
6	Slab edge	Turndown		CF	189.31		
7	Footing	Cast-in-place concrete		CF	11.25		
	PORCH						
1	Tile Finish			SF	277.83		
2	Adhesive	1/2" Thin set Mortar		SF	277.83		
2	Vapor Retarder	Vapor Barrier Polyethylene		SF	277.83		



		WALLS: EXTERIOR							
	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Price	Total			
1	Stocco Finish			SF	655				
2	Wall Homewrap			SF	655				
3	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	2.489				
4	Wall Shteathing (OSB)			SF	655				
5	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	6.55				
6	Wall Paint			SF	655.0				
7	Wall Insulation			FT	1319.0				



			WALLS: INTERIOR 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BATHROOM			SF	52		
1	Cementitious Backer Board			SF	236		
!	Kerdi membrane			SF	236		
3	Kerdi membrane Fastener			SF	236		
1	Wall Ceramic Tile			SF	236		
	HALL			SF	32		
5	Drywall Board			SF	96		
5	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.96		
,	Wall Paint			SF	96		
3	Drywall Tape			FT	18		
	CLOSET			SF	13		
)	Drywall Board			SF	125		
10	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.25		
.1	Wall Paint			SF	125		
.2	Drywall Tape			FT	23.4		



			WALLS: INTERIOR 02			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit Pr	ice Total
	LIVING ROOM			SF	170	
13	Drywall Board			SF	299	
14	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	2.99	
15	Wall Paint			SF	299	
16	Drywall Tape			FT	56.1	
	KITCHEN			SF	70	
17	Cementitious Backer Board			SF	24	
18	Drywall Board			SF	140	
19	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.4	
20	Kerdi membrane			SF	24	
21	Kerdi membrane Fastener			SF	24	
22	Wall Ceramic Tile			SF	24	
23	Wall Paint			SF	140	
24	Drywall Tape			FT	26.4	



			WALLS: INTERIOR 03			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Uni	t Price   Total
	WD			SF	8	
25	Cementitious Backer Board			SF	86	
26	Kerdi membrane			SF	86	
27	Kerdi membrane Fastener			SF	86	
28	Wall Ceramic Tile			SF	86	
	WH			SF	7	
29	Drywall Board			SF	87	
30	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.87	
31	Wall Paint			SF	87	
32	Drywall Tape			FT	16	
1	Wall Sweep			FT	38.5	



	DOORS								
ŧ	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity U	nit Price	Total		
L	Interior Swinging	3' - 0" X 6'-8"		PCS	1				
	Patio Sliding	5' - 0" X 6'-8"		PCS	1				
	Exterior Swinging	5' - 0" X 6'-8"		PCS	1				
	Interior Swinging	2' - 0" X 6'-8"		PCS	1				
	Interior Sliding	3' - 6" X 6'-8"		PCS	1				
5	Exterior Door Trim			FT	36.68				
•	Interior Door Trim			FT	166.4				
1	Entry Lock set			PCS	2				
)	Privacy Lock set			PCS	1				
.0	Passage Lock set			PCS	2				



	WINDOWS								
‡	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price	Total			
l	Single Hung	3' - 3" X 4'-3"		PCS	1				
	Sliding	3' - 3" X 3'-3"		PCS	1				
	Sliding	3' - 3" X 1'-9"		PCS	1				
	Casement	2' - 5" X 4'-3"		PCS	1				
	Fixed	2' - 3" X 2'-2"		PCS	3				
	Exterior Window Trim			FT	78.4				
	Interior Window Trim			FT	78.4				



		ROOF 01								
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Pr	ice Total				
1	Roof Covering			SF	827.0					
2	Roof Covering Fastener			PCS	414					
3	Roof Felt Paper			SF	827.0					
4	Roof Felt Paper Fastener			PCS	2481.0					
5	Roof Sheathing			SF	827.0					
6	Roof Sheathing Fastener			PCS	6616					
7	Batten			FT	215.0					
8	Batten Fastener			PCS	161.7					
9	Soffit			SF	0.0					
10	Soffit Fastener			PCS	0.0					
11	Fascia			FT	82.0					
12	Fascia board fastener			PCS	41					
13	Roof Insulation			SF	827.0					
14										
15										