

WISDOM

The Wisdom is a charming Spanish style studio home with a warm and inviting exterior. The stucco walls, clay tile roof, and arched entryway create a classic and timeless aesthetic. The covered porch with wooden beams offers a shaded outdoor space, perfect for relaxing or entertaining. The inside of this studio home is an open plan hosting living, dinging and bedroom areas on one side and other functional spaces like bathrooms and laundry on anther side and away from the eye. this creates both functional and efficient layout while maintaining a spacious feel.

Materials Shopping List

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

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

< CLICK HERE >

To Go To Materials Shopping List



23' - 7 1/16"

FLOOR PLAN

499 SF

STUDIO AREA 188 SF FRONT PATIO 64 SF

Studio

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MATERIALS LIST PREVIEW -

ARCHITECTURAL **COVER SHEET** FLOOR PLAN + DIMENSION PLAN +

MATERIALS LIST

FOUNDATION PLAN STRUCTURAL FLOOR PLAN -WALL FRAME LAYOUT ROOF TRUSS LAYOUT + ROOF PLAN + ARCHITECTURAL ELEVATIONS -ARCHITECTURAL ELEVATIONS -ARCHITECTURAL SECTIONS -ARCHITECTURAL DETAILS

ARCHITECTURAL CASEWORK STRUCTURAL **COVER SHEET** GENERAL NOTES WALL FRAME LAYOUT WALL PANEL & LAYOUT PLAN 20 ROOF TRUSS LAYOUT **STRUCTURAL SECTIONS** -21 WALL BRACING LAYOUT HOLD-DOWN PLAN **STRUCTURAL DETAILS 1**

STRUCTURAL DETAILS 2 STRUCTURAL DETAILS 3 27 TRUSS BLOCKING LAYOUT SHEETROCK BACKING **ROOF BRACING LAYOUT**

HVAC PLAN

LIGHTING

ELECTRICAL SCHEDULE

POWER PLAN + DIMENSION FOR LIGHTING 35 DIMENSION FOR FITTING

NOTES AND SCHEDULES

PLUMBING

MECHANICAL

WATER SUPPLY & SEWAGE SYSTEM + 37 **MATERIALS** MATERIALS SHOPPING LIST SHOPPING LIST

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

01-Wisdom-499-Studio-Spanish-550

DRAWING NAME

INTRODUCTION

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

I101

SCALE:

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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.

HOW TO BUILD

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.

PLUMBING

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

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

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

Detailed Riser Diagrams: Provide information needed to properly install all vertical plumbing risers and vent stacks.

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

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

KEY PLAN

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01-Wisdom-499-Studio-Spanish-550

DRAWING NAME

INTRODUCTION

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

1102

SCALE:

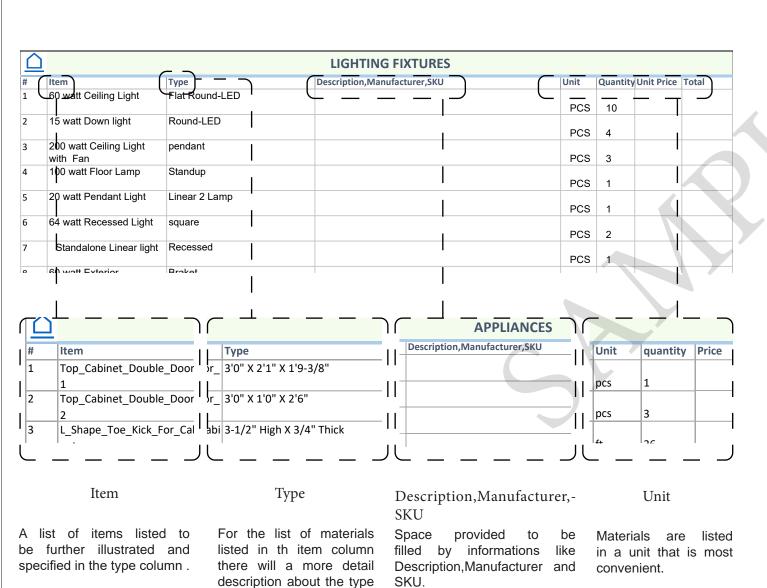
BOM (Bill Of Materials) (Separately Attached)

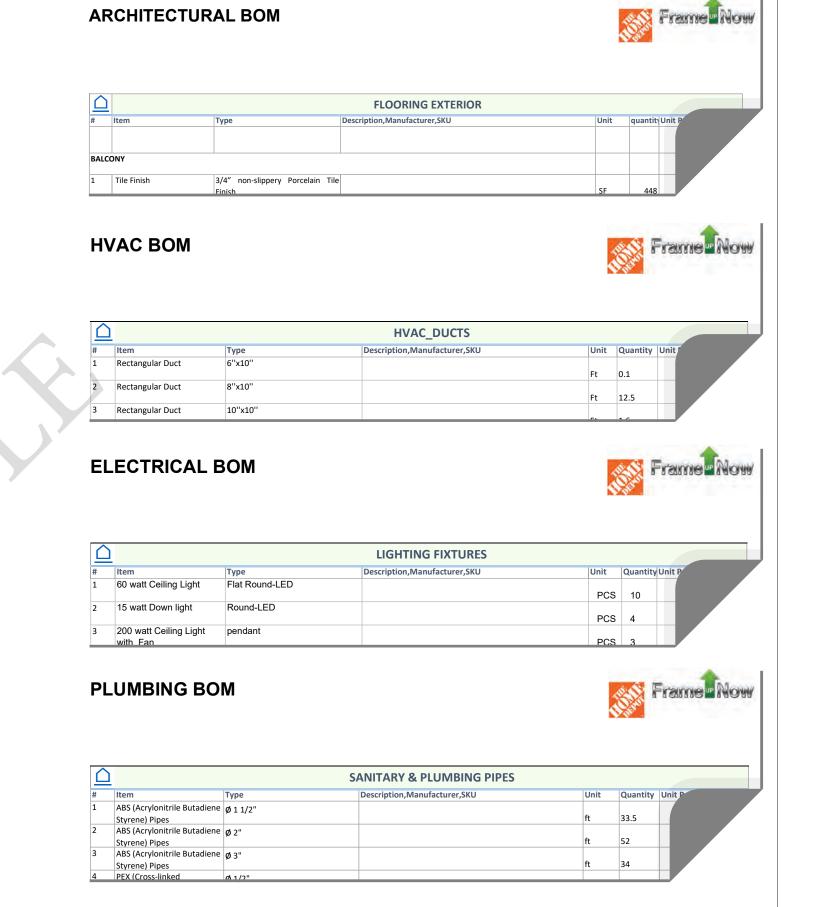


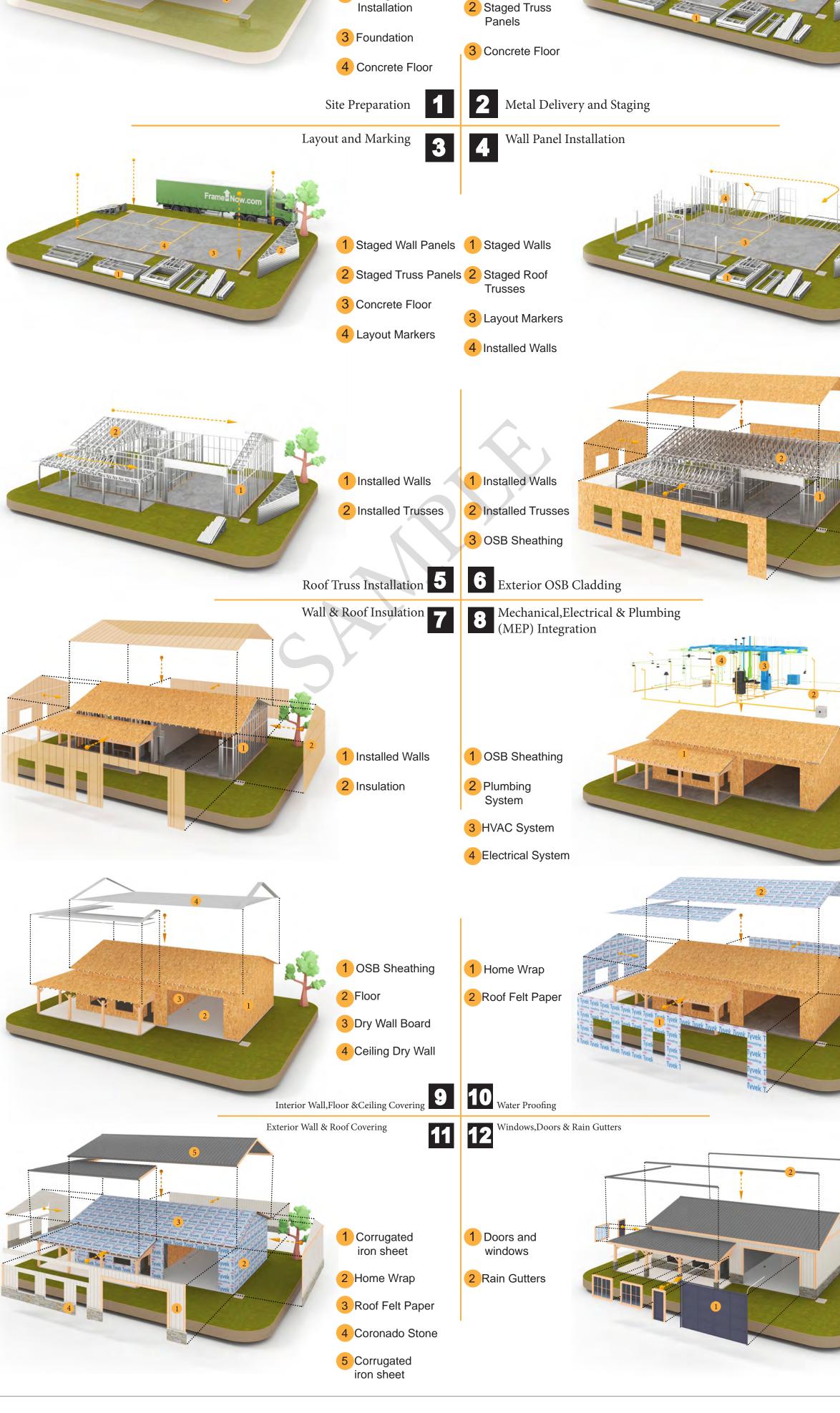
The Bill of Materials (BOM) is a crucial document that compiles the material requirements from different disciplines into a centralized inventory, enabling efficient procurement, inventory management, and cost estimation for a specified project or

ELECTRICAL BOM







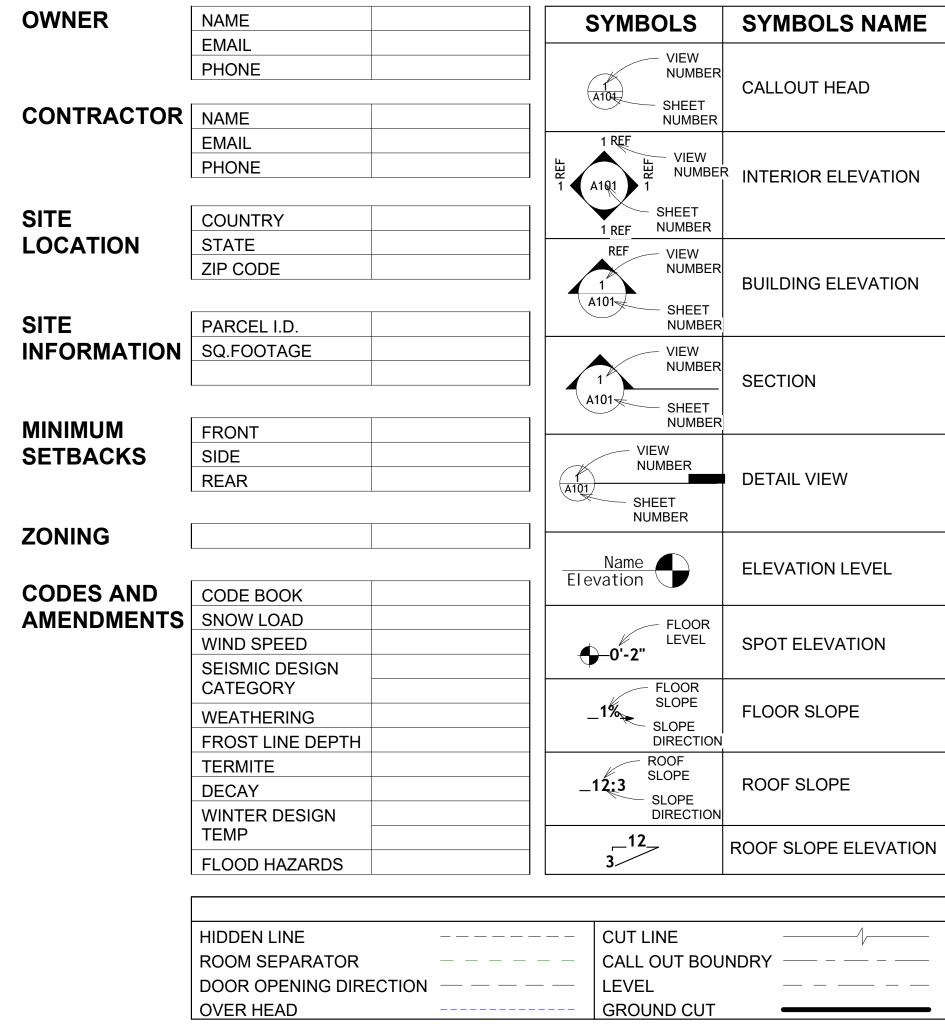


1 Staged Wall

Panels

2 Sewage

of the Material.



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M102	HVAC SECTION
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TAG	TAG'S NAME
CA01	CASEWORK TAG
	DOOR TAG
	FURNITURE TAG
	WINDOW TAG
SE01	SPECIALTY EQUIPMENT TAG
ME01	MECHANICAL EQUIPMENT TAG
PE01	PLUMBING EQUIPMENT TAG

PAGE INDEX



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

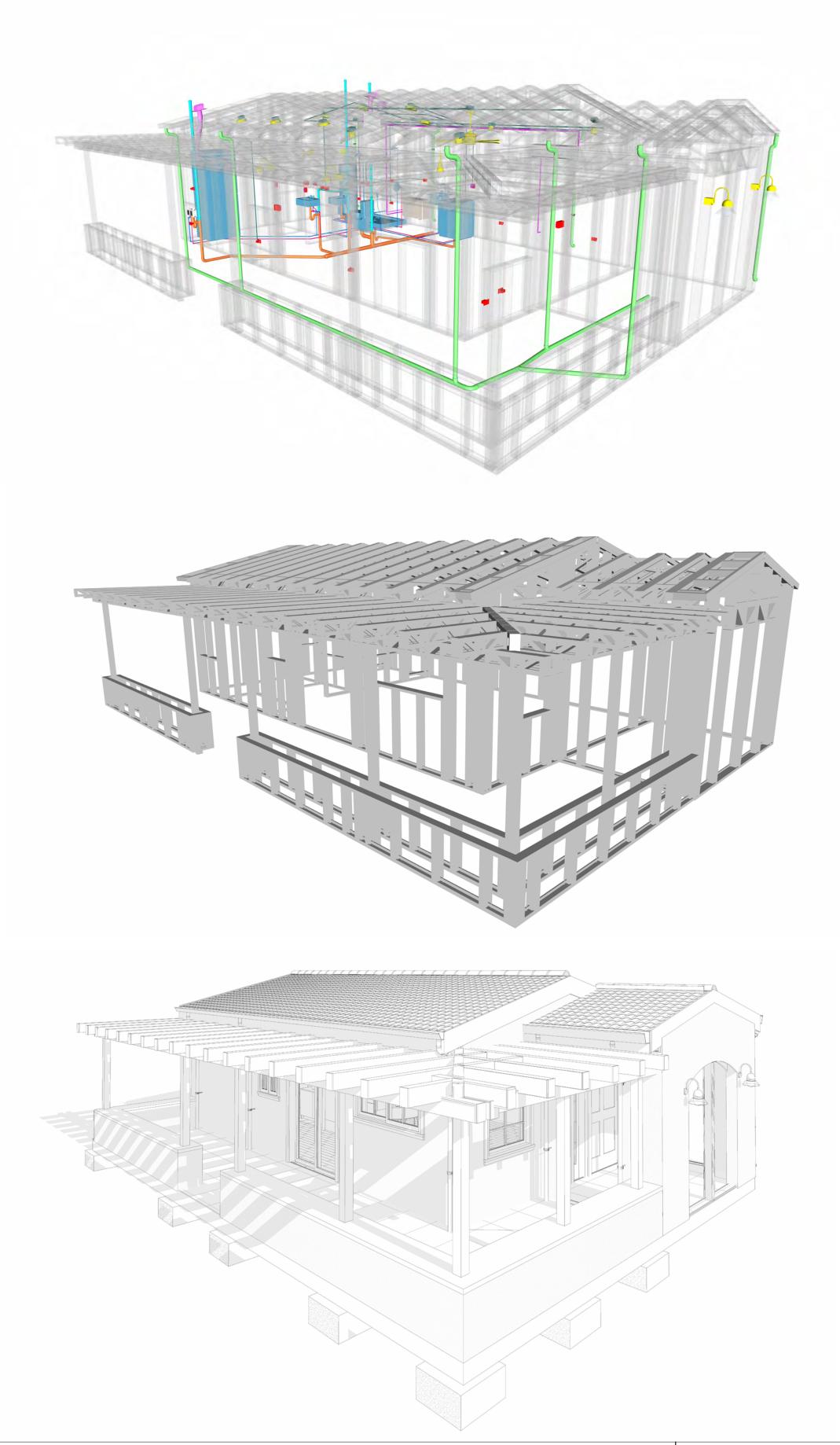
ABBREVIATION

ASTM D698 AMERICAN SOCIETY FOR

AFS

ACTION FLOOR SYSTEMS

TESTING AND MATERIAL

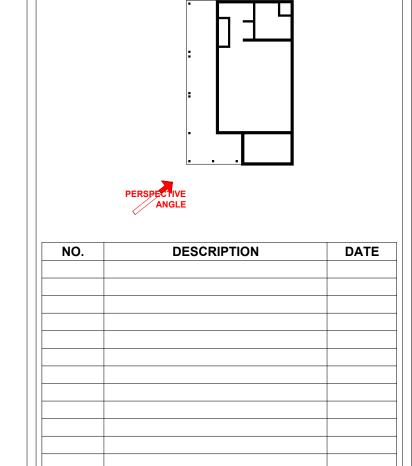


01-WISDOM-499-STUDIO-SPANISH-550

SQUARE FOOT	AGE	
VING	493	
ORCH	355	
TAL	848	



KEY PLAN



LEGEND:

NOTE:

PRO IEC

01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

COVER SHEET

	CLIENT NAME:	Client Name
	PROJECT NUMBER:	0033_15
	DATE:	2/1/2025 3:34:50 PM
	DESIGNED BY:	Designer
	DRAWN BY:	Author
	CHECKED BY:	Checker
- 1		

G101

GENERAL NOTES

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

ABOUT WALLS:

1. SHOWER WALL COVERING

BATHTUB AND SHOWER SPACES (WALLS AND FLOORS) WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NON-ABSORBENT SURFACE.

2. WALL PAINT (INTERNAL)

THE TYPICAL THICKNESS OF LATEX WALL PAINT IS 1/32 OF AN INCH FOR A SINGLE COAT. AND DOUBLE COAT (1/16") SHALL BE APPLIED FOR DURABILITY.

3. ADHESIVES:

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

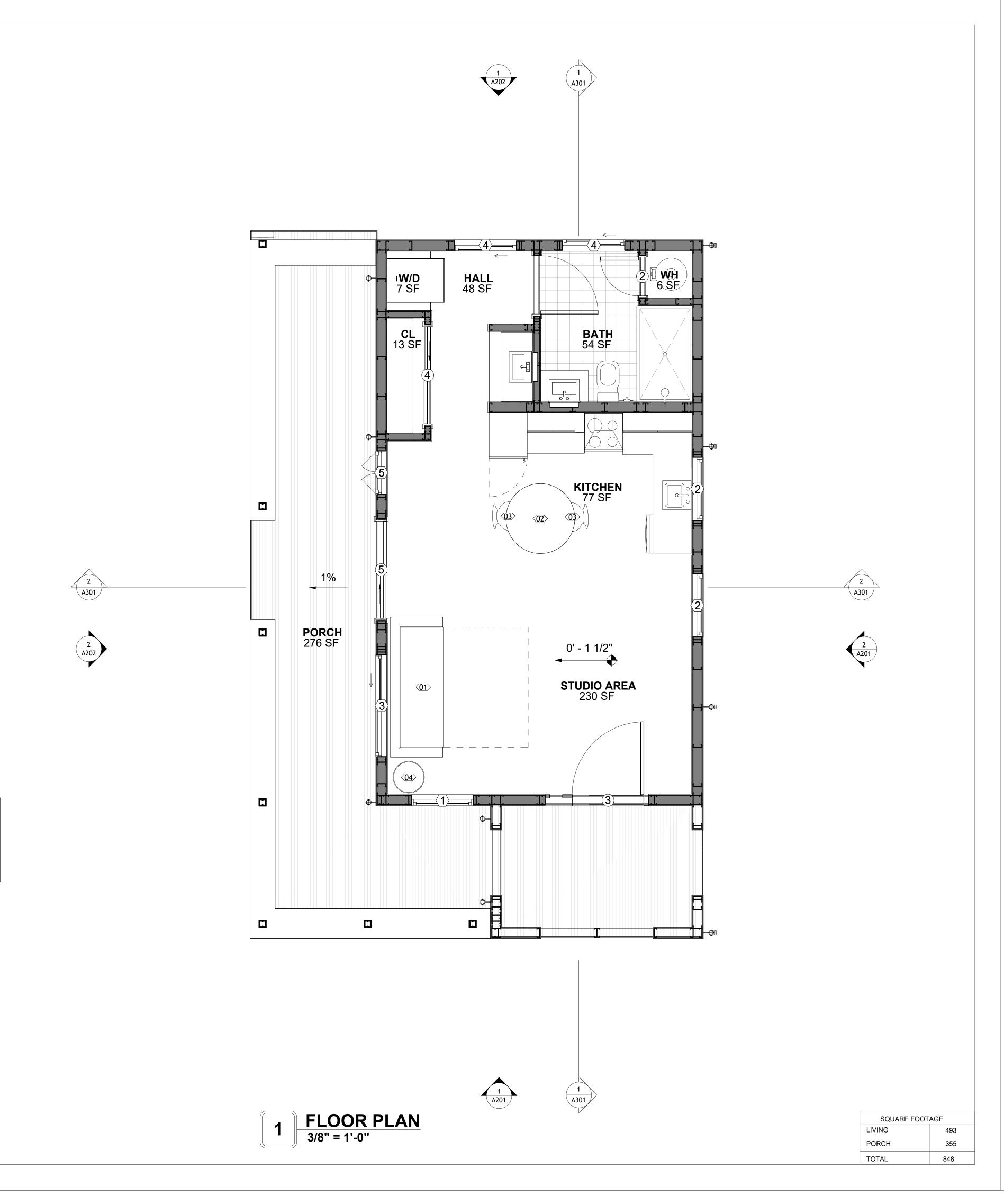
REFER TO SHEETS A201 & A202 FOR GENERAL NOTES ON EXTERNAL FINISHING MATERIALS

ABOUT FLOORS:

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

	FURNITURE SCHEDULE				
	TYPE MARK TYPE		COUNT		
01		THREE SEAT SOFA 2	1		
02		COFFE TABLE	1		
03	03 DINING CHAIR		2		

	ROOM FINISH SCHEDULE						
ROOM NUMBE R	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILIN G HEIGHT	COMMENT S
1	BATH	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	9' - 0"	
2	PORCH	PROCELAIN TILE	CONCRETE	STUCCO FINISH	PLYWOOD	9' - 0"	
3	KITCHEN	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	9' - 0"	
4	STUDIO AREA	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	9' - 0"	
5	W/D	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	9' - 0"	
6	CL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	9' - 0"	
7	WH	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	9' - 0"	
8	HALL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	9' - 0"	





KEY PLAN

NO.	DESCRIPTION	DATE

LEGEND:

NOTE:

PROJECT

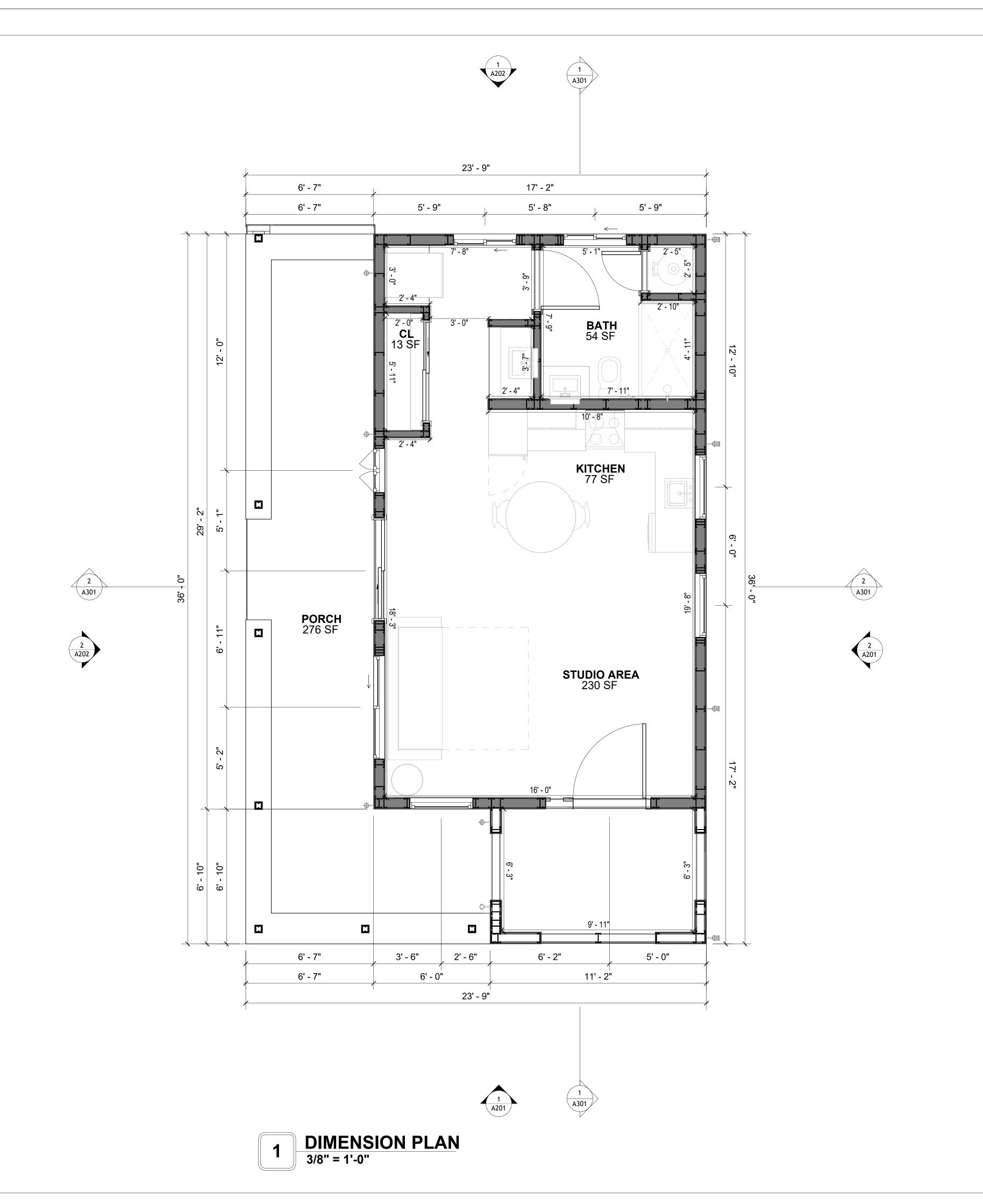
01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

FLOOR PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:34:51 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

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KEY PLAN

NO.	DESCRIPTION	DAIL
	1	

NOTE:

LEGEND:

PROJECT

01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

DIMENSION PLAN

	1	1 1
Client Name	CLIENT NAME:	
0033_15	PROJECT NUMBER:	
2/1/2025 3:34:53 PN	DATE:	
Designer	DESIGNED BY:	
Author	DRAWN BY:	
Checker	CHECKED BY:	

A102

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

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

TOTAL 848

355

SQUARE FOOTAGE

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FOUNDATION NOTES

NOTES:

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

1. MATERIALS:

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

2. **PAD PREPARATION:**

- EXCAVATION FOR FOOTING SHALL BE NEAT.

- FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION AND APPROPRIATE INSPECTION.
- ALL REINFORCING STEEL MARKED "CONTINUOUS" SHALL BE LAPPED 36 BAR DIAMETERS AT SPLICES AND AROUND CORNERS OR INTERSECTIONS WITH A STANDARD 90 DEGREE BEND ON CORNER BARS. LAP WIRE MESH ONE FULL MESH AT SIDE AND END LAPS.
- ALL HARDWARE TO BE SIMPSON OR EQUIVALENT.
 EXTERIOR FRAME WALL TO BE SECURED WITH 1/2"X10" ANCHOR BOLTS 4'-0" O.C. FOR 1-STORY AND 2'-8" O.C. FOR 2-STORY. BOLTS SHALL BE LOCATED WITHIN 1'-0" OF EACH END PIECE AND SHALL HAVE A MIN. OF TWO BOLTS PER PIECE.
- -FOUNDATION ANCHOR STRAPS SHALL BE PERMITTED, ACCORDING TO RESIDENTIAL CODE 2021
- ALL INTERIOR WALLS TO BE SECURED WITH POWER DRIVEN PINS PER MANUFACTURER SPECIFICATION USE PIN SPACING EQUIVALENT TO 1/2" ANCHOR BOLTS.
- ALL CONSTRUCTION TO CONFORM TO THE 2012 IRC
- R-10 RIGID INSULATION OUTSIDE OF EXTERIOR FOUNDATION WALLS UNDER LIVING AREA.
 CONCRETE PAD FOR CONDENSER THICKNESS IS 4" MIN UNLESS OTHERWISE NOTED.

3. CONCRETE CONSTRUCTION:

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

4. REINFORCEMENT:

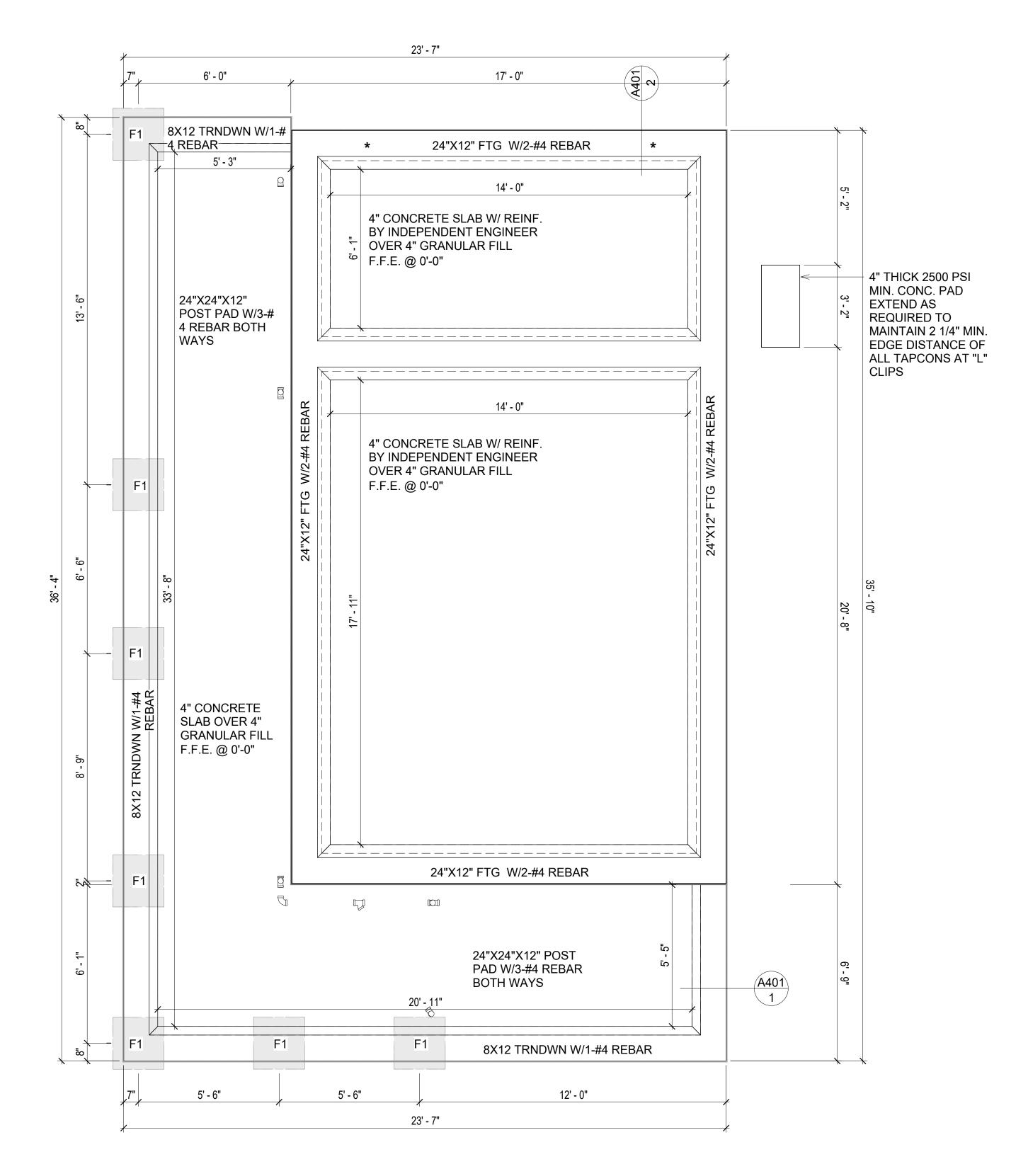
- IF CONSTRUCTED ON ACTIVE SOILS, THE LONG TERM PERFORMANCE OF THE FOUNDATION IS DEPENDENT ON MAINTENANCE BY THE OWNER. THUS THE BUILDER SHALL ADVISE THE OWNER OF THE FOLLOWING:

- 1. DRAINAGE MUST BE MAINTAINED. WATER SHALL NEVER BE ALLOWED TO POND NEAR THE FOUNDATION.
- 2. THE SOIL AROUND THE FOUNDATION SHALL BE MAINTAINED IN A RELATIVELY DAMP CONDITION, SUCH AS THAT REQUIRED TO KEEP A LAWN GREEN. IF IT DRIES OUT IT WILL SHRINK. IF IT GETS WET, IT WILL HEAVE UPWARD.
- SLABS ON THE SHORTER SIDE USES MAIN BARS ARE USED IN THIS DIRECTION ONLY WITH SMALLER DIAMETER DISTRIBUTION BARS ARE PLACED, FORMING A MAT OR GRID.
 ALL REINFORCEMENT BARS SIZE 10MM OR LARGER IN ACCORDANCE TO ASTM
- 3. ANCHOR BOLTS AT ALL EXTERIOR WALLS SHALL BE MINIMUM 1/2 INCH DIAMETER WITH A MAXIMUM SPACING OF 6'-0" ON CENTER, UNLESS NOTED OTHERWISE.
- 4. ANCHOR BOLTS SHALL BE INSTALLED WITHIN 12 INCHES OF EACH END OF EACH SILL PLATE WITH AT LEAST TWO ANCHOR BOLTS FOR EACH BOLTS FOR EACH SILL PLATE LONGER THAN 12 INCHES.
- 5. SIMPSONS SILL ANCHORS MAYBE SUBSTITUTED FOR ANCHOR BOLTS AT THE SAME SPACING.
- 6. EXTERIOR CONCRETE SLABS WHICH ARE NOT PART OF THE MAIN SLAB SHALL BE MINIMUM 4 INCHES THICK WITH NO STEEL REINFORCING BARS REQUIRED, UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.

VERIFY THE FOLLOWING PRIOR TO POURING:

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

NOTE: FIELD VERIFY ALL DIMENSIONS SEE DIMENSIONED ARCHITECTURAL DRAWINGS







KEY PLAN

NO.	DESCRIPTION	DATE

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01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

FOUNDATION PLAN

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:34:53 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

S101

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

SQUARE FOOTAGE
LIVING 493
PORCH 355
TOTAL 848

GENERAL NOTES

NOTES:

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

A) FOUNDATION PLAN NOTES:

- CONCRETE SLAB SHALL BE 6" THICK WITH 1/2" DIAMETER TENDONS PER LAYOUT PLAN, CENTERED IN SLAB THICKNESS, OVER APPROVED SUBBASE PER GENERAL STRUCTURE NOTES.
- 2. 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.
- 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

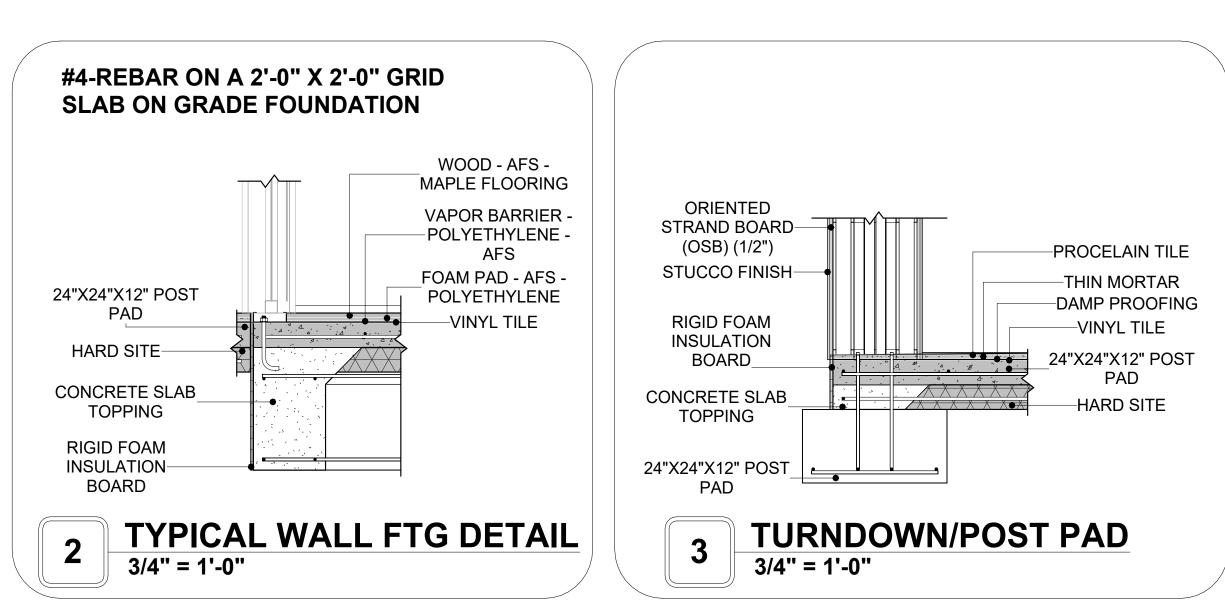
B) REINFORCEMENT FOR CONCRETE:

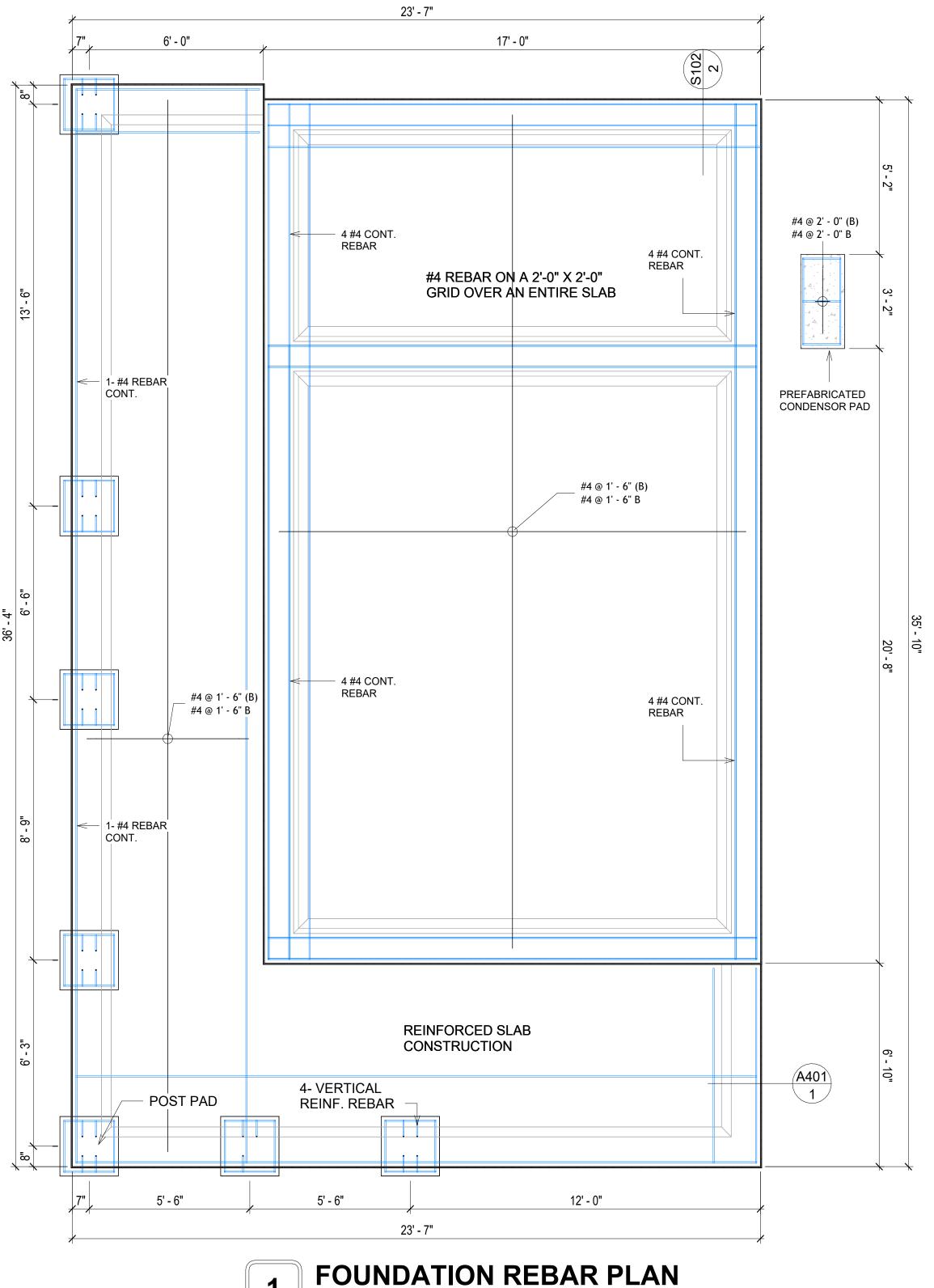
1. ALL REINFORCING SLABS BARS SIZE 10MM OR LARGER SHALL BE DEFORMED IN ACCORDANCE TO ASTM-A706, AND BARS SMALLER THAN 10 MM MAYBE PLAIN. 2. UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

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

- SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND
- GRADE OF STEEL FOR RCC WORKS SHALL BE GRADE 4 10.
- BAR NOTATIONS GIVES INFORMATION
- A) BAR SIZE
- B) SPACING(IF REQUIRED)
- 6. LAP REINFORCEMENT ONLY AT LOCATION SHOWN IN THE DRAWINGS
- 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.

- 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.





3/8" = 1'-0"



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

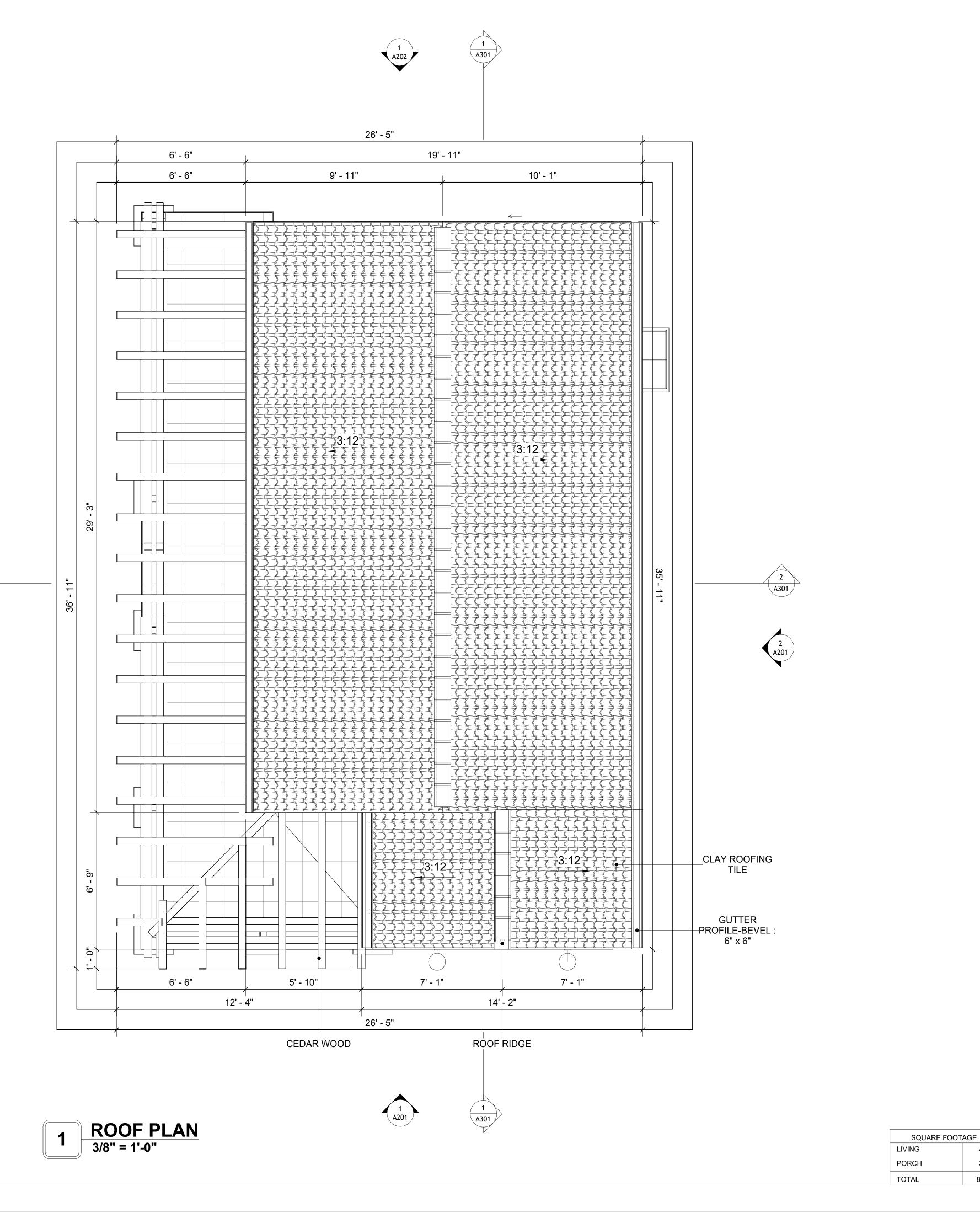
STRUCTURAL FLOOR **PLAN**

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:34:54 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
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.)
- 2. 73" OVERHANG AT EAVES (UNO.)
- 3. ENDS OF ALL TRUSSES AND JOISTS TO BE FULLY BLOCKED. PROVIDE SOLID BLOCKING AT ALL RIDGES AND VALLEYS
- 4. SHEATHING TO BE 1/2", 3/8" OSB SHEAR PANEL AND EQUIVALENT. UNDERSIDE OF PORCH TRUSSES TO BE FINISHED WITH MOISTURE RESISTANT DRYWALL, TAPED AND TEXTURED.
- 5. EXPOSED EAVES AND OTHER WEATHER EXPOSED AREAS TO BE SHEATHED WITH EXTERIOR GRADE PLYWOOD.
- 6. ALL MATERIALS THICKNESS AND SIZE ARE THE MINIMUM. Refer TO LOCAL STANDARDS FOR ACTUAL THICKNESS AND LAYERING OF MATERIALS.
- 7. ENGINEERED TRUSS CALCULATIONS TO BE SUBMITTED TO BUILDING DEPARTMENT PRIOR TO FABRICATION AND INSTALLATION.
- 8. TRUSS MANUFACTURER TO SPECIFY HANGER CONNECTORS FOR TRUSS COMPONENTS (TYPICAL)
- 9. DESIGNER ASSUMES THAT TRUSSES BEAR ON ALL EXTERIOR PERIMETER WALLS (TYPICAL) OR BEAMS.
- 10. PROVIDE GALVANIZED STEEL FLASHING WITH A LENGTH OF 10 FEET, WIDTH OF 12 INCHES, AND THICKNESS OF 24 GAUGE.





KEY PLAN

NO.	DESCRIPTION	DATE	
NOTE:			

LEGEND:

PROJECT

01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

ROOF PLAN

1	
CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:34:56 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

SCALE: As indicated

355

848

ABOUT WALL FINISHING

STUCCO FINISH

STUCCO IS A CEMENT-BASED EXTERIOR WALL FINISH THAT OFFERS A DURABLE, WEATHER-RESISTANT, AND CUSTOMIZABLE CLADDING SOLUTION FOR BUILDINGS.

IN THIS SPECIFIC PROJECT, AMERICAN STUCCO SYSTEMS IS 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.

REGULAR INSPECTION AND PROMPT REPAIR OF ANY CRACKS, CHIPS, OR DAMAGE TO THE STUCCO FINISH IS IMPORTANT. THIS MAINTAINS THE STUCCO'S WATER-RESISTANT PROPERTIES OVER THE BUILDING'S LIFE SPAN.

GRANITE COPPING

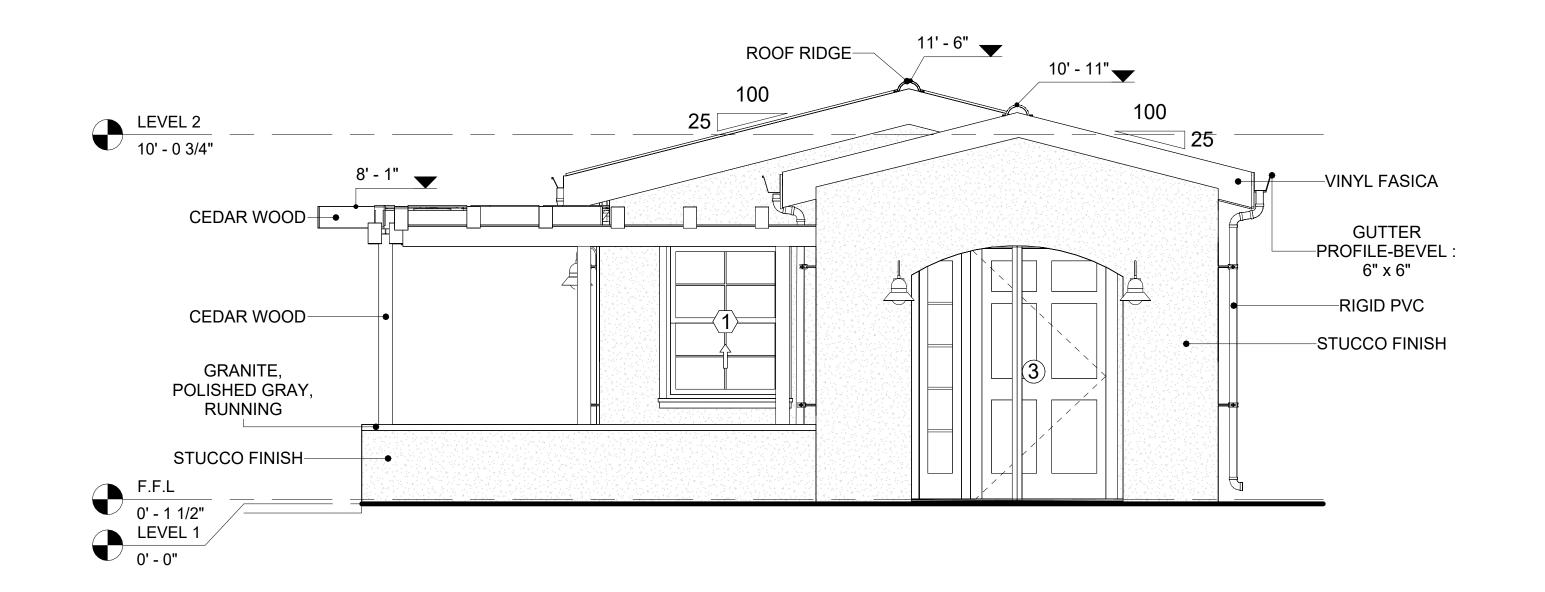
IN THIS SPECIFIC PROJECT, GRANITE COPPING IS USED ALONG THE EDGES OF THE PORCH TO PROVIDE A DURABLE, WEATHER-RESISTANT FINISH. THE STONE ADDS AN ELEGANT TOUCH WHILE PROTECTING THE PORCH FROM MOISTURE AND WEAR. ITS STRENGTH ENSURES LONG-LASTING PERFORMANCE AND ENHANCES THE OVERALL AESTHETIC.

CEDAR WOOD

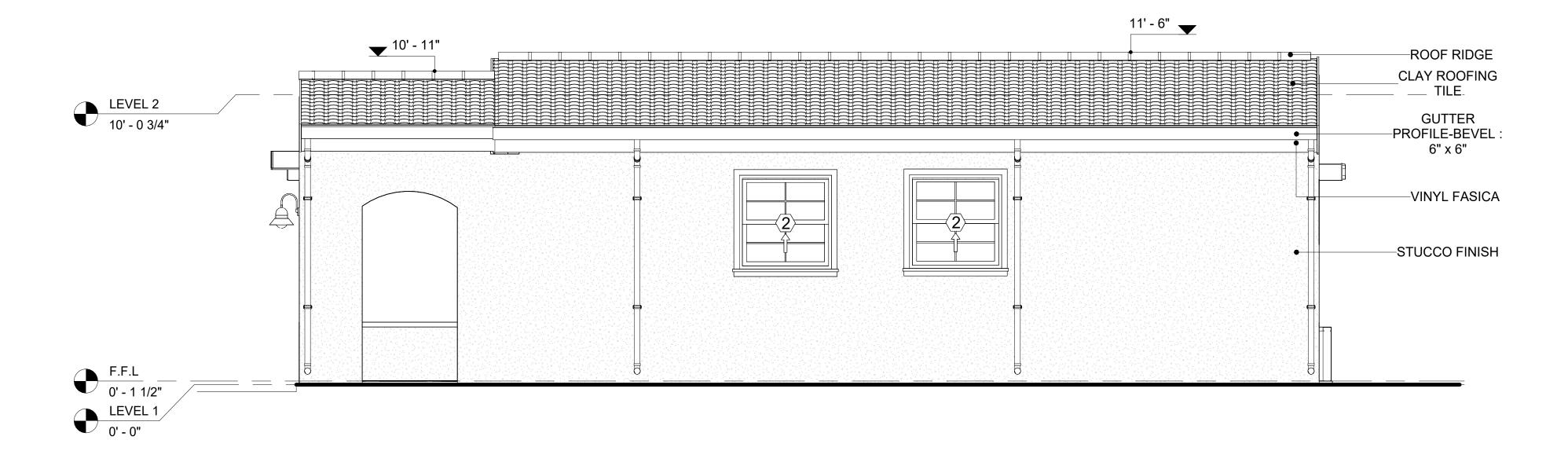
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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

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



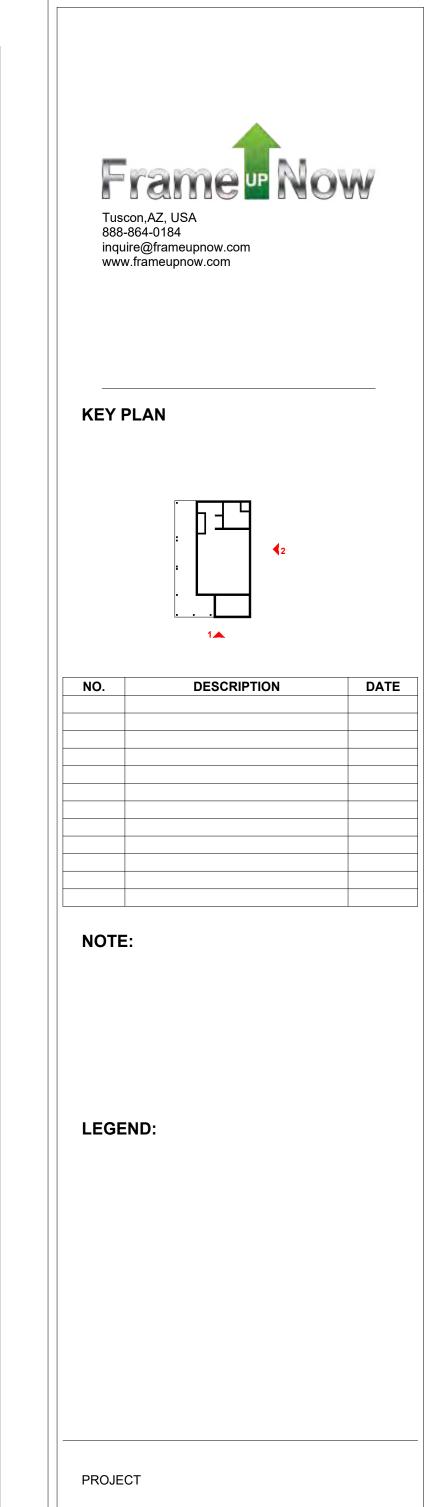
1 FRONT ELEVATION 3/8" = 1'-0"



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

	DOOR SCHEDULE					
TYPE MAR				S	IZE	
K	SUPPLIER	DOOR TYPE	LOCATION	WIDTH	HEIGHT	COUNT
1	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	3' - 0"	6' - 8"	1
2	HOME DEPOT	INTERIOR SINGLE PANEL SWINGING	INTERIOR	2' - 0"	6' - 8"	1
3	HOME DEPOT	FRONT_DOOR_W_HEADER_AND_SIDELIGH TS_8215	INTERIOR	3' - 9"	6' - 11 1/2"	1
4	HOME DEPOT	INTERIOR DOUBLE PANEL SLIDING	INTERIOR	5' - 0"	6' - 8"	1
5	HOME DEPOT	PATIO DOUBLE PANEL SLIDING	INTERIOR	5' - 0"	6' - 8"	1

	WINDOW SCHEDULE				
				SIZE	
TYPE MARK	SUPPLIER	WINDOW TYPE	WIDTH	HEIGHT	COUNT
				1	'
1	HOME DEPOT	SINGLE HUNG	3' - 3"	4' - 3"	1
2	HOME DEPOT	SINGLE HUNG	3' - 3"	3' - 3"	2
3	HOME DEPOT	SLIDING	5' - 3"	3' - 3"	1
4	HOME DEPOT	SLIDING	3' - 3"	2' - 3"	2
5	HOME DEPOT	CASEMENT	2' - 3"	3' - 3"	1



01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

ARCHITECTURAL ELEVATIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:35:00 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A201

ABOUT WALL FINISHING

STUCCO FINISH

STUCCO IS A CEMENT-BASED EXTERIOR WALL FINISH THAT OFFERS A DURABLE, WEATHER-RESISTANT, AND CUSTOMIZABLE CLADDING SOLUTION FOR BUILDINGS.

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GRANITE COPPING

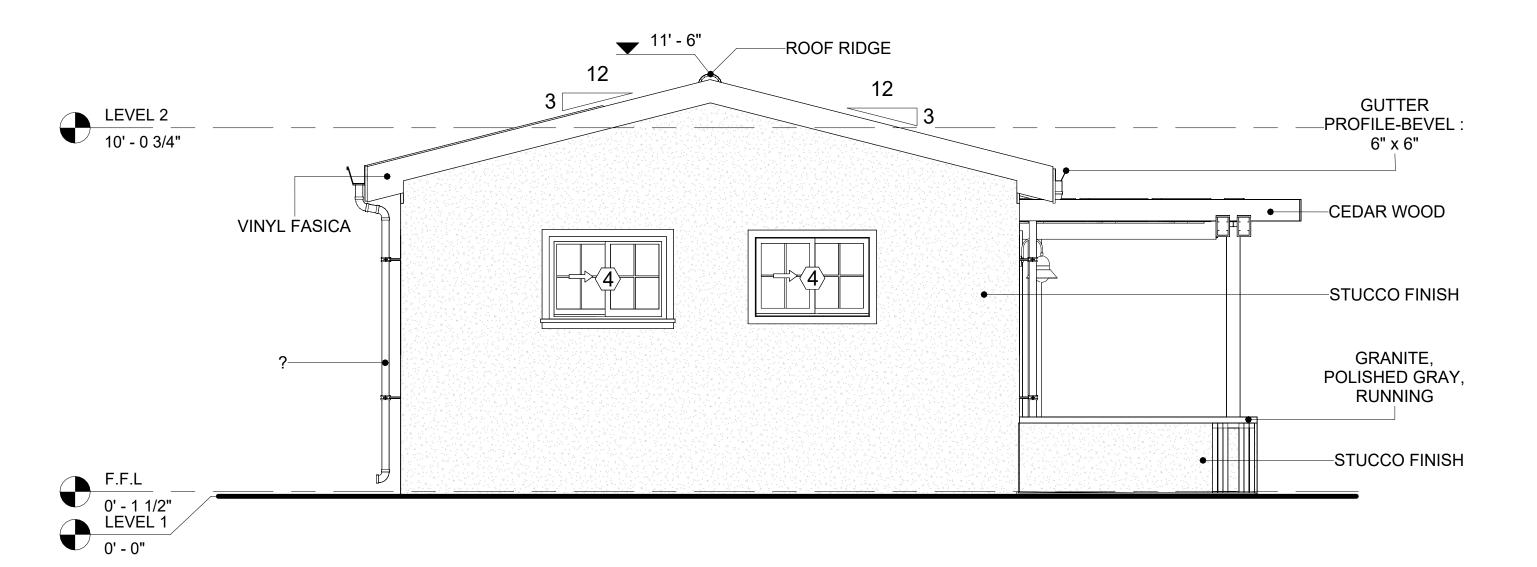
IN THIS SPECIFIC PROJECT, GRANITE COPPING IS USED ALONG THE EDGES OF THE PORCH TO PROVIDE A DURABLE, WEATHER-RESISTANT FINISH. THE STONE ADDS AN ELEGANT TOUCH WHILE PROTECTING THE PORCH FROM MOISTURE AND WEAR. ITS STRENGTH ENSURES LONG-LASTING PERFORMANCE AND ENHANCES THE OVERALL AESTHETIC.

CEDAR WOOD

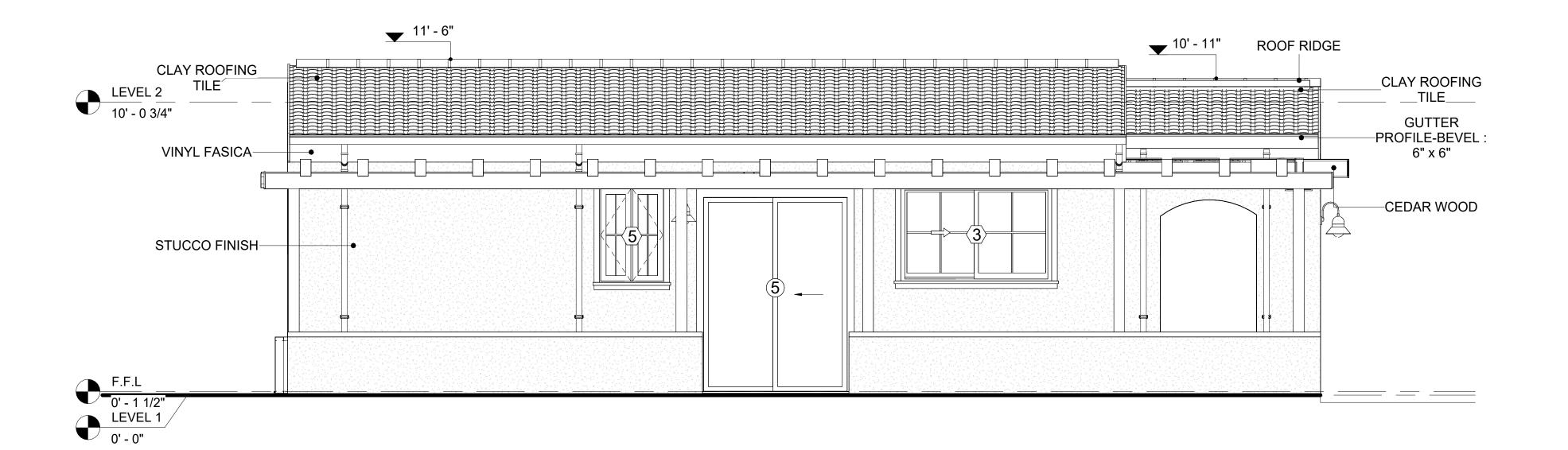
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS.

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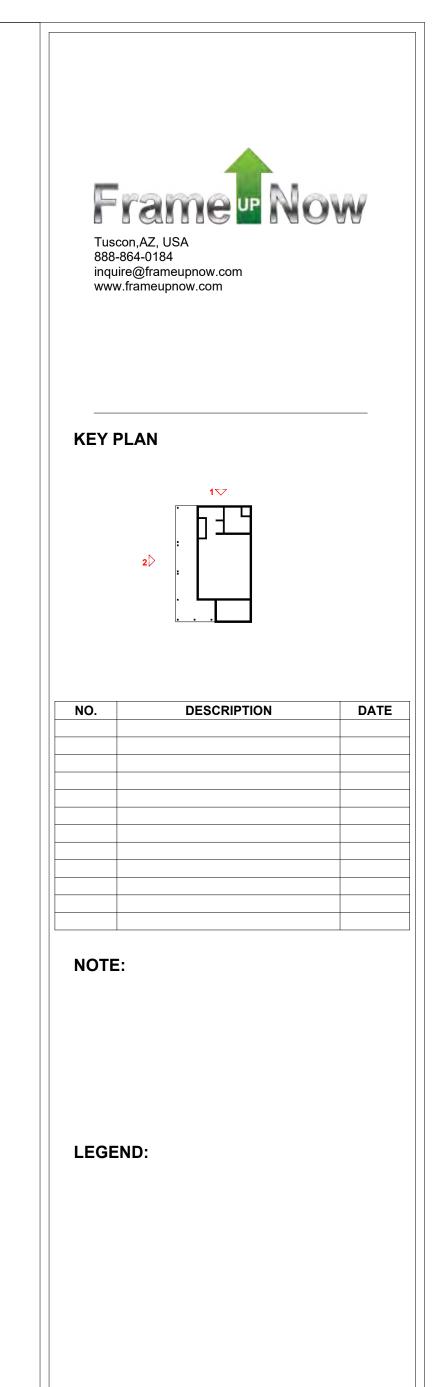
CEDAR WOOD AS A FURRING STRIPS PROVIDE THERMAL INSULATION AND MOISTURE MANAGEMENT. THE VERTICAL CEDAR WOOD FURRING STRIPS ARE ATTACHED TO HOME WRAP USING CORROSION-RESISTANT FASTENERS (HOT-DIP GALVANIZED SCREWS), ENSURING PROPER PENETRATION INTO THE WALL FRAMING.



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



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



PROJECT

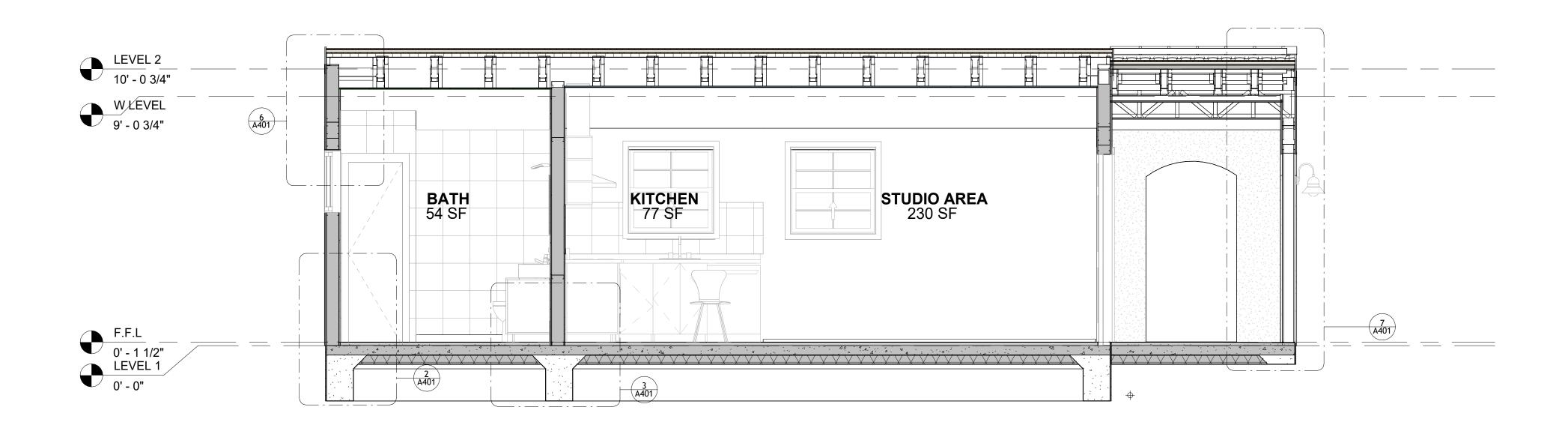
01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

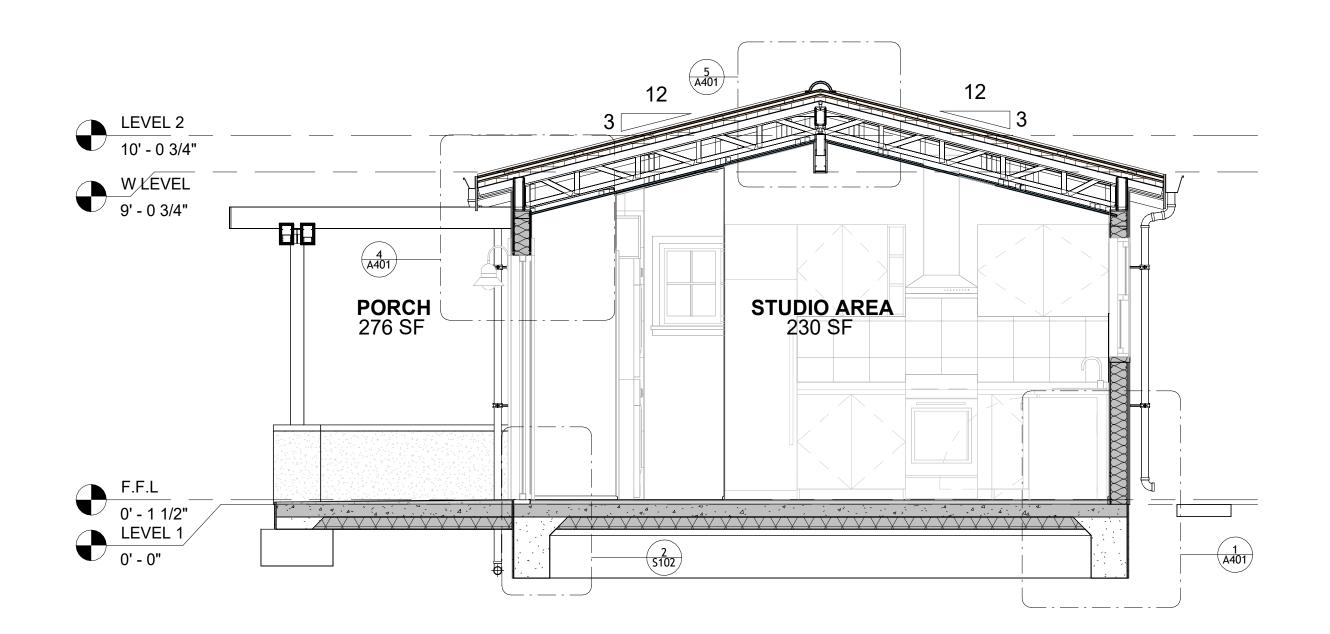
ARCHITECTURAL ELEVATIONS

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0033_1	PROJECT NUMBER:	
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Designe	DESIGNED BY:	
Autho	DRAWN BY:	
Checke	CHECKED BY:	

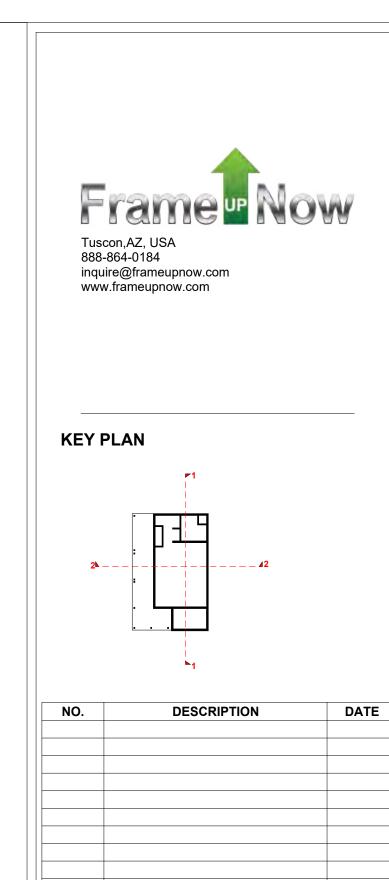
A202







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



NOTE:

LEGEND:

PROJECT

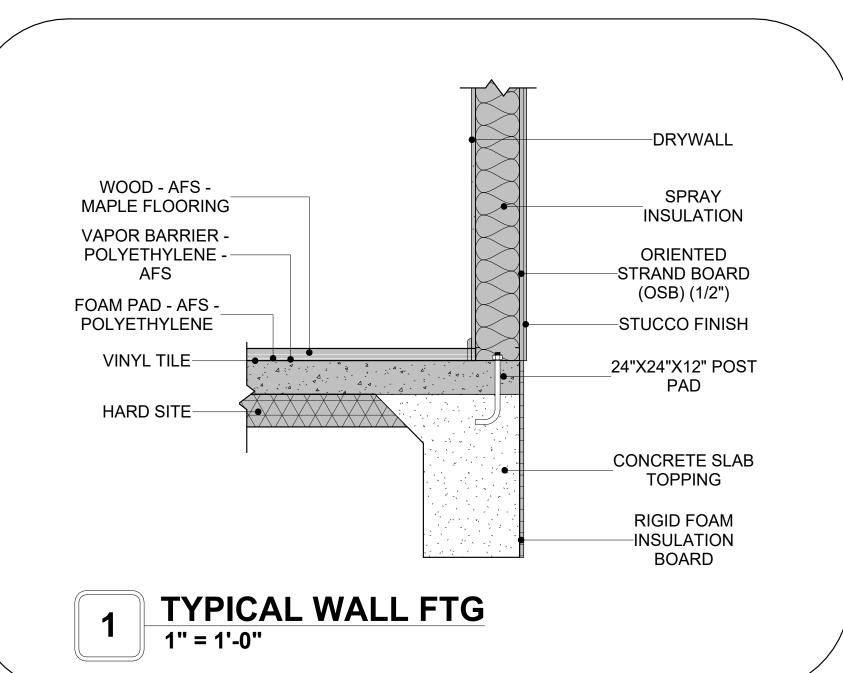
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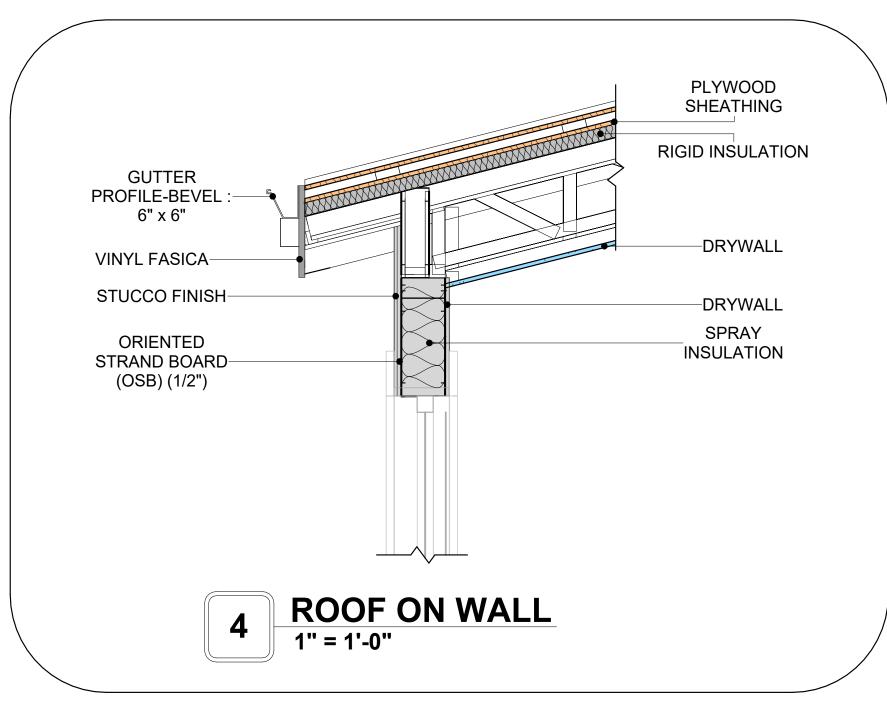
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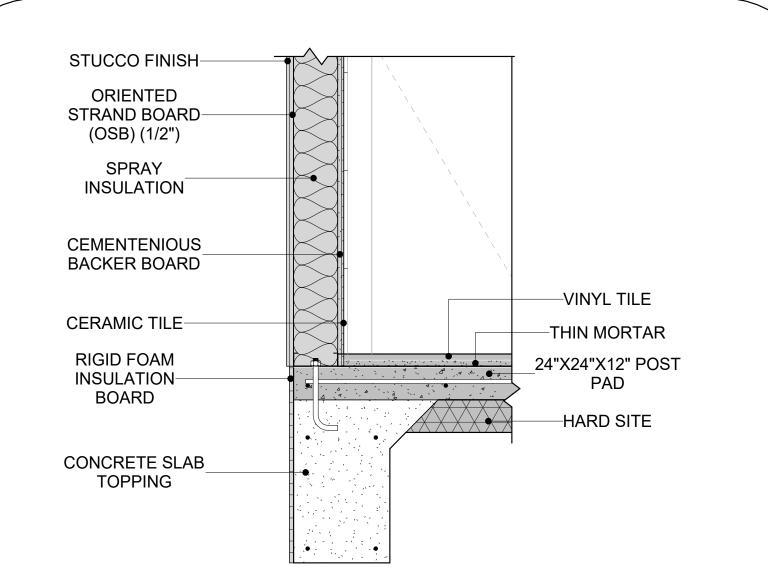
ARCHITECTURAL **SECTIONS**

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:35:06 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
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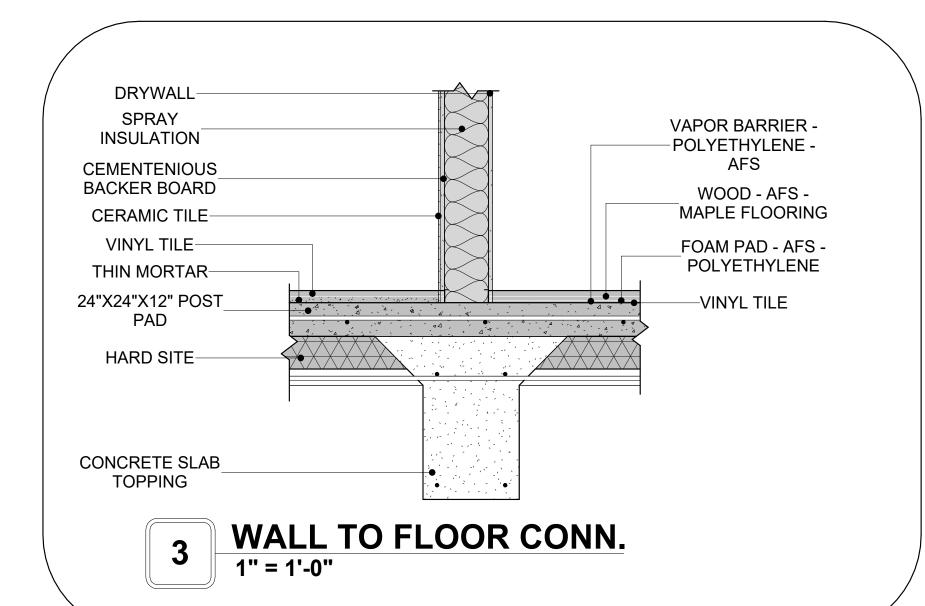
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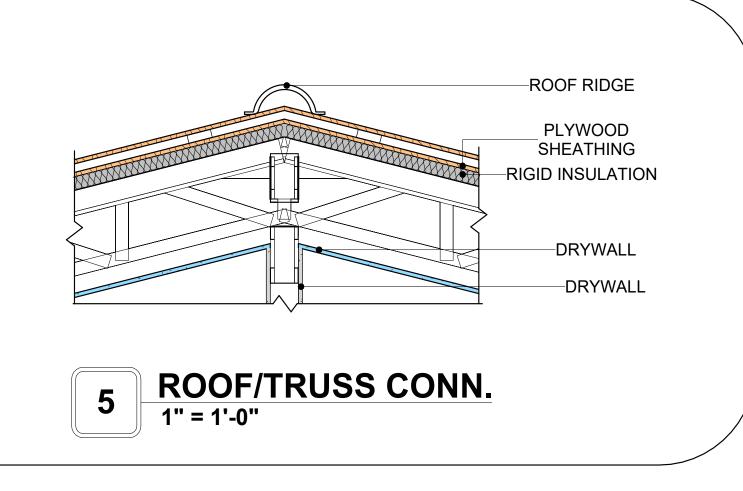


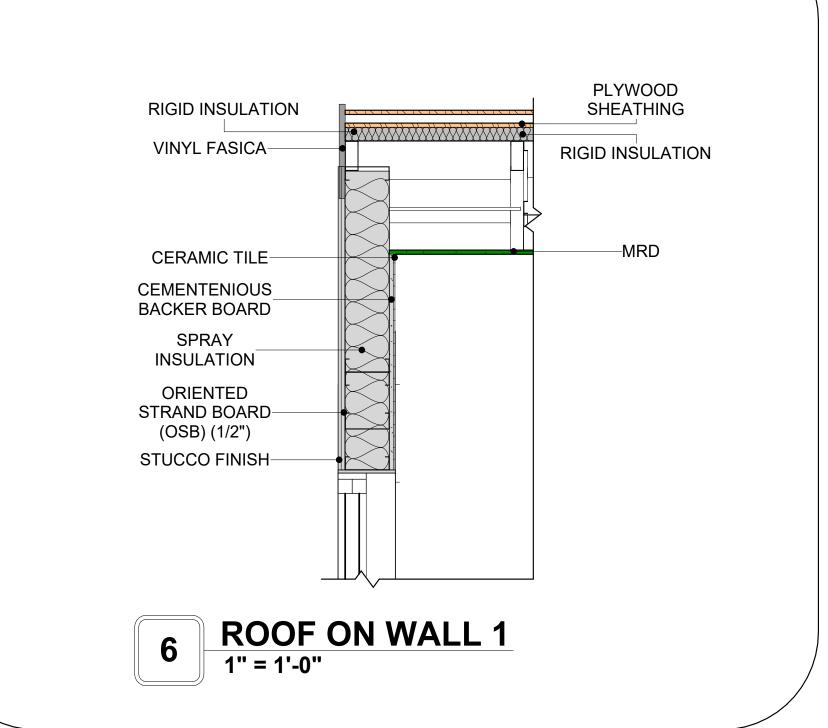


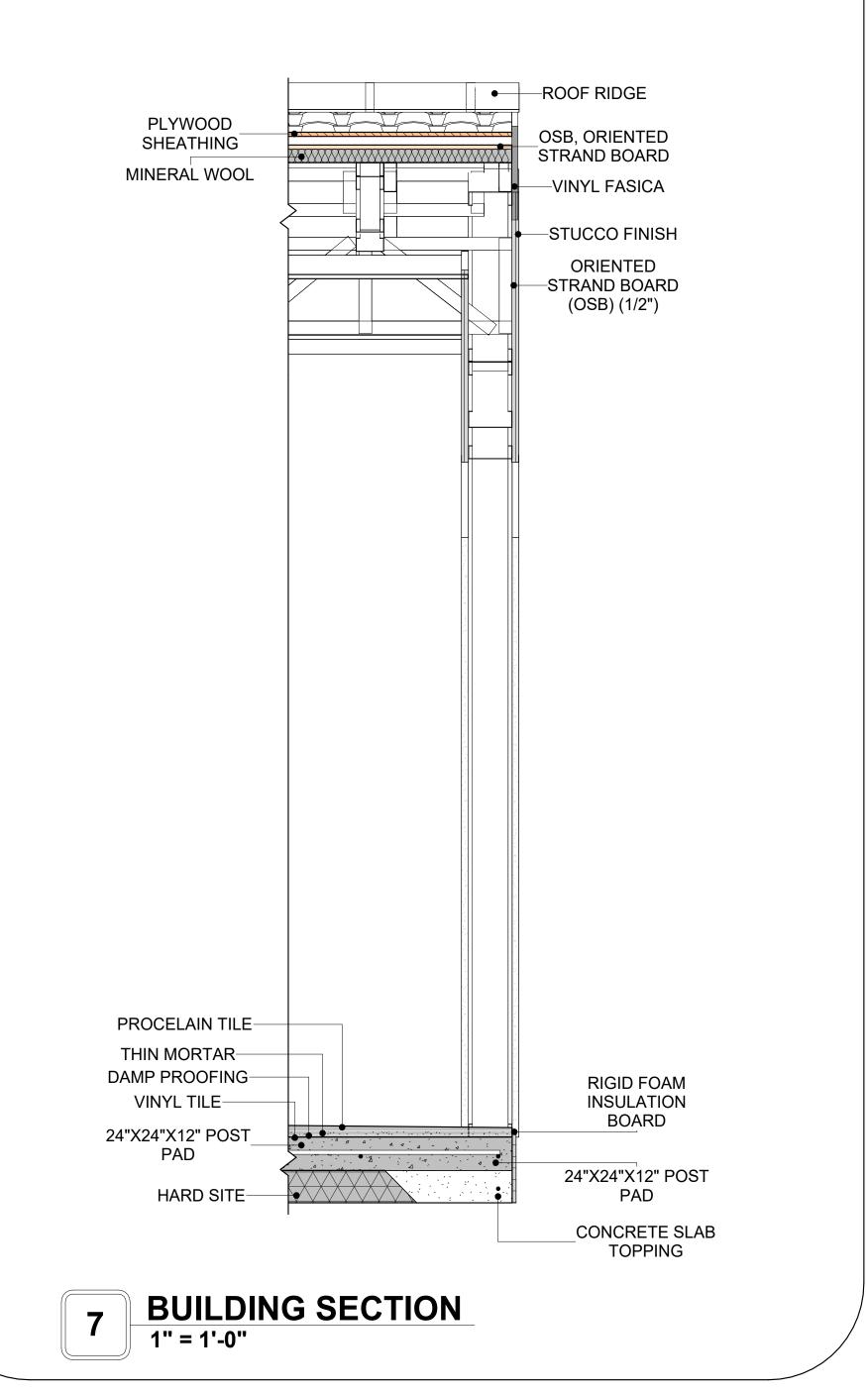


TYPICAL WALL FTG2











KEY PLAN

NO.	DESCRIPTION	DATE
NOTE:		

LEGEND:

PROJECT

01 WISDOM 499 STUDIO SPANISH 550

DRAWING NAME

ARCHITECTURAL DETAILS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0033_15
DATE:	2/1/2025 3:35:08 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A401

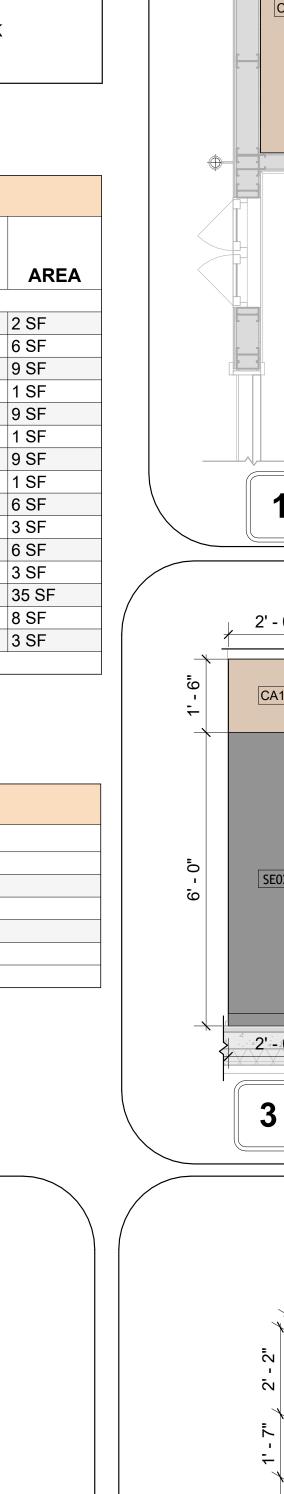
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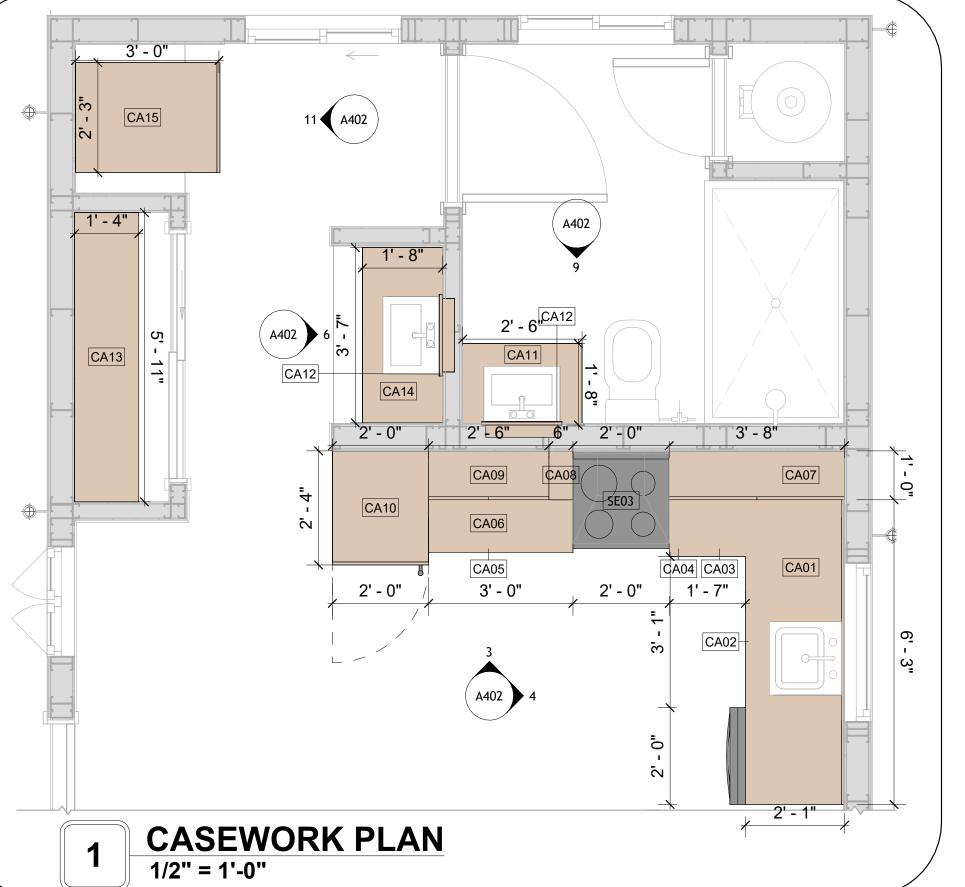
CASEWORK GENERAL NOTES

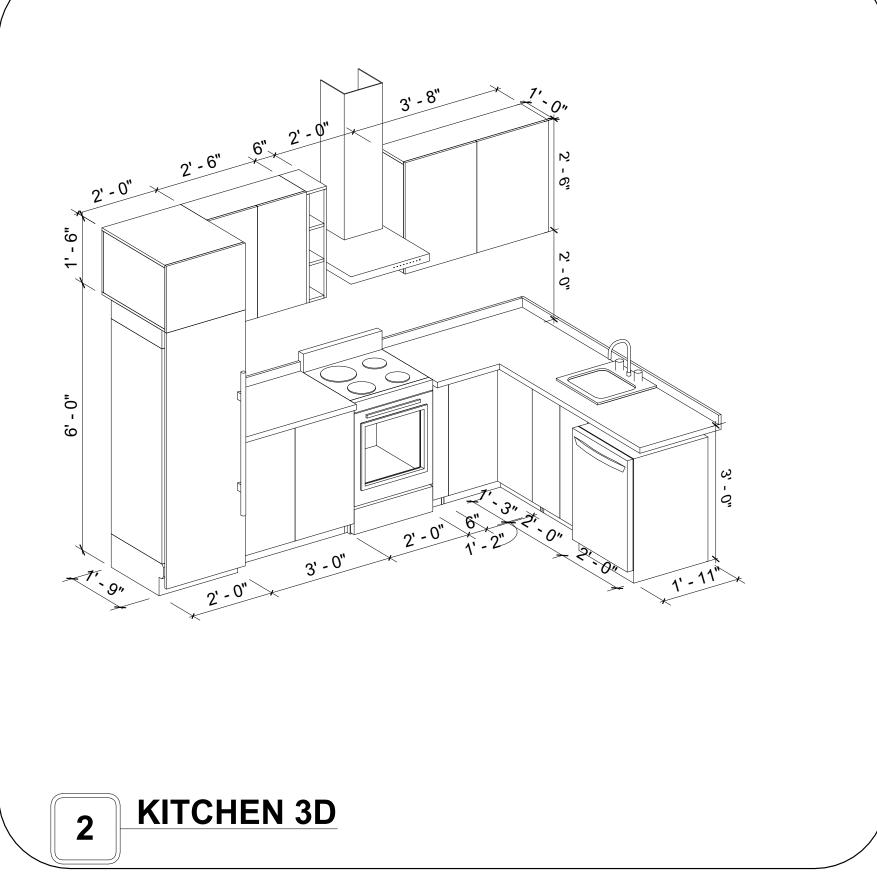
- ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
- PROVIDE CONTINUOUS COUNTERTOP OVER ALL SIMILAR HEIGHT CASEWORK, UNLESS AND
- MANUFACTURER AND CATALOG NUMBERS ARE FOR REFERENCE AND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

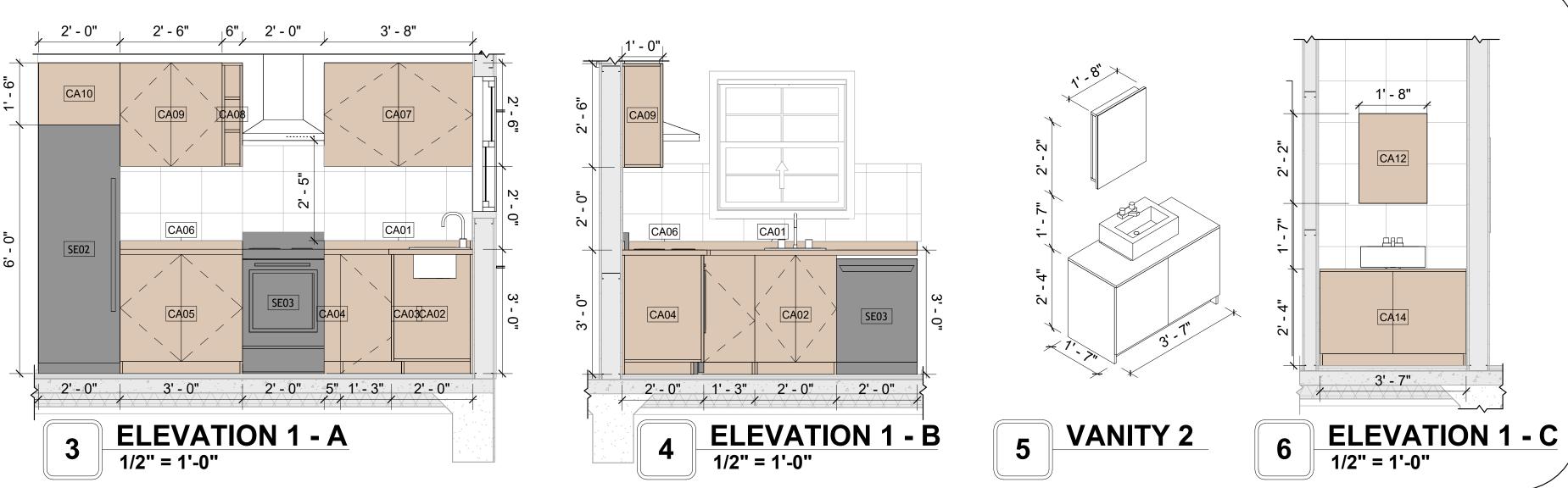
	CAS	SEWOR	K SCHEDU	JLE		
TYPE MAR K	TYPE	COUN	HEIGHT	WIDTH	DEPTH	AREA
0.4	L CHARE COUNTED TOD	4	01 411	71 011	71 011	0.05
01	L-SHAPE COUNTER TOP	1	0' - 4"	7' - 0"	7' - 0"	2 SF
02	BASE CABINET DOUBLE DOOR 1	1	2' - 10 1/2"	2' - 0"	2' - 0"	6 SF
03	BASE CABINET L-SHAPED	1	2' - 10 1/2"	3' - 3"	3' - 3"	9 SF
04	WALL FILLER	1	2' - 10 1/2"	0' - 4 3/4"	2' - 0"	1 SF
05	BASE CABINET DOUBLE DOOR 2	1	2' - 10 1/2"	3' - 0"	2' - 0"	9 SF
06	LINEAR COUNTER TOP	1	0' - 4"	3' - 0"	2' - 1"	1 SF
07	WALL CABINET DOUBLE DOOR 1	1	2' - 6"	3' - 7 3/4"	1' - 0"	9 SF
08	WALL FILLER	1	2' - 6"	0' - 6"	1' - 0"	1 SF
09	WALL CABINET DOUBLE DOOR 2	1	2' - 6"	2' - 6"	1' - 0"	6 SF
10	LAUNDRY OPEN CABINET	1	1' - 6"	2' - 0"	2' - 4"	3 SF
11	VANITY 2	1	2' - 4"	2' - 6"	1' - 8"	6 SF
12	RECESSED_MED_CABINET	2	2' - 0"	1' - 6"	0' - 3"	3 SF
13	CLOSET 1	1	6' - 0"	5' - 11"	1' - 4"	35 SF
14	VANITY 3	1	2' - 4"	3' - 7"	1' - 8"	8 SF
15	LAUNDRY OPEN CABINET 2	1	1' - 2"	2' - 3"	3' - 0"	3 SF
GRAND	TOTAL	16				

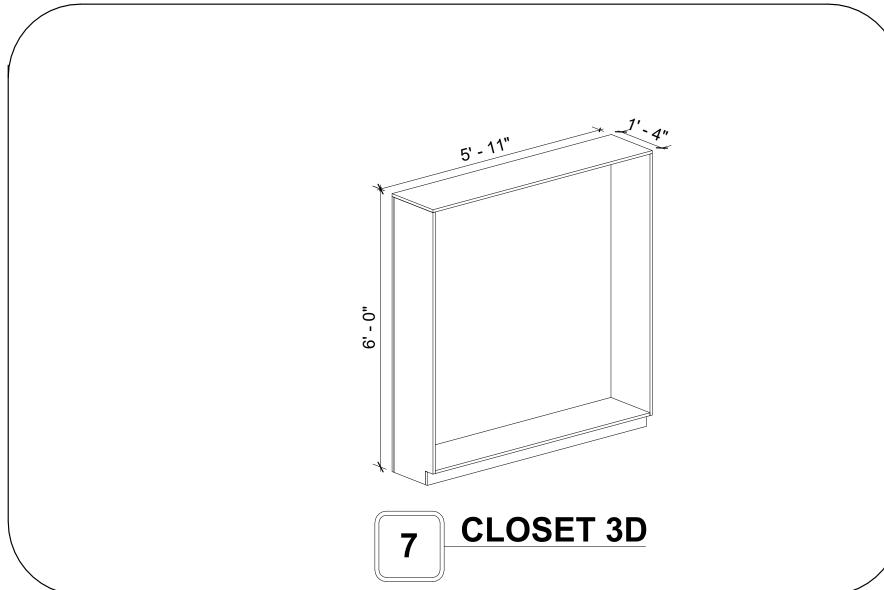
SPECIALTY EQUIPMENT SCHEDULE		
TYPE MARK TYPE COUNT		
01	WASHER-FRONT-LOAD	1
02	REFRIGERATOR	1
03	<varies></varies>	2
04	DRYER-FRONT-LOAD	1
GRAND TOTAL: 5	,	'

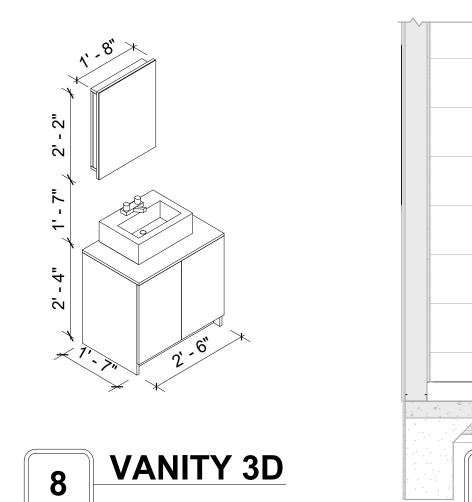


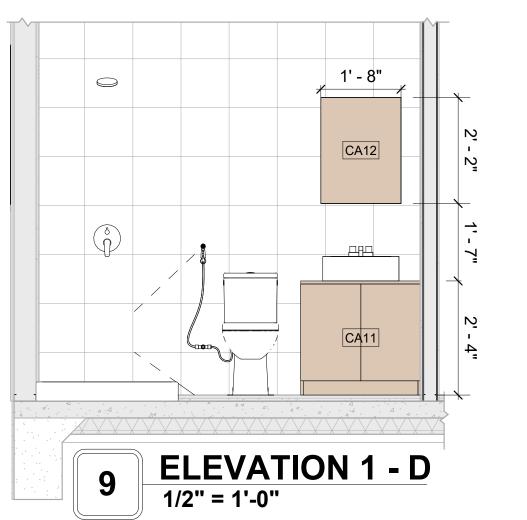


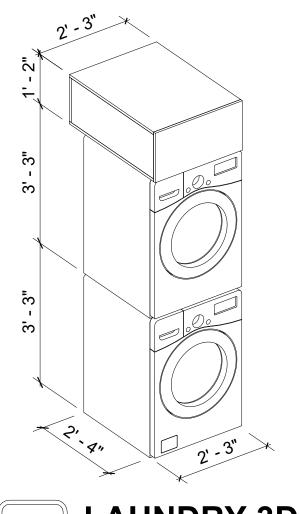




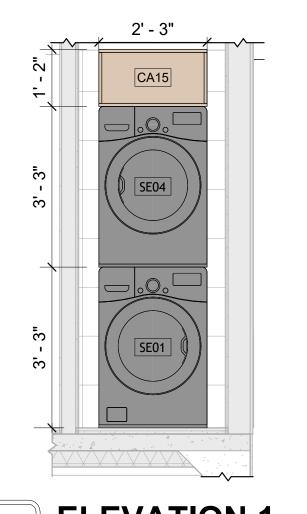








LAUNDRY 3D



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

A402

SCALE: As indicated

Client Name

2/1/2025 3:35:11 PM

0033_15

Designer

Author

Checker



Tuscon,AZ, USA 888-864-0184

KEY PLAN

inquire@frameupnow.com www.frameupnow.com

DESCRIPTION

DATE

GENERAL NOTES

1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE WISDOM_TM_S_550. IT PROVIDES A VISUAL REPRESENTATION OF THE SYSTEM LAYOUT AND COMPONENTS.

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

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

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

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

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.

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

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.

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

CODE COMPLIANCE. 14. ALL HVAC EQUIPMENT AND COMPONENTS, INCLUDING THERMOSTATS, DAMPERS, AND ACCESS PANELS, SHALL BE LOCATED IN ACCESSIBLE AREAS

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

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

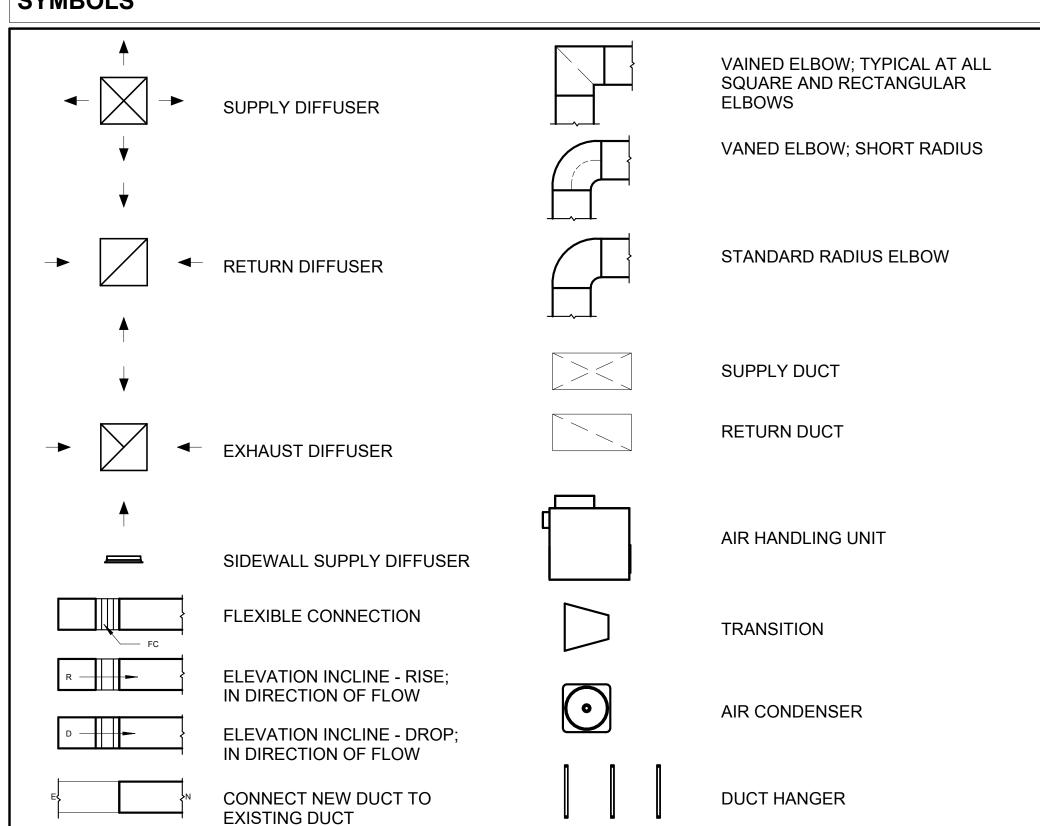
16. ANY DEVIATIONS OR MODIFICATIONS TO THE HVAC SYSTEM DESIGN SHALL BE REVIEWED AND APPROVED BY THE RESPONSIBLE DESIGN

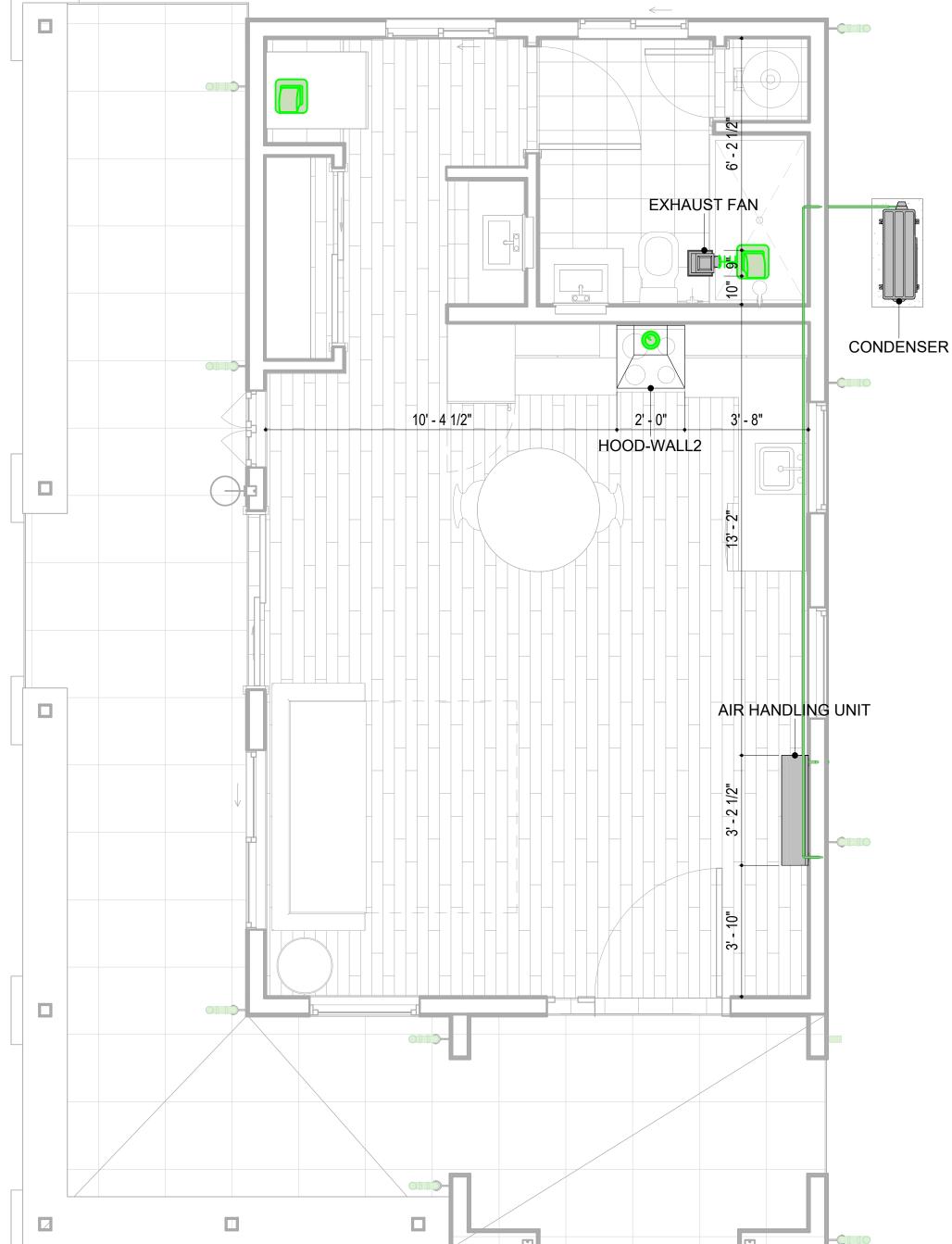
FOR EASY SERVICING AND MAINTENANCE. PROVIDE ADEQUATE SPACE AROUND EQUIPMENT FOR PROPER AIRFLOW AND SERVICE ACCESS.

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

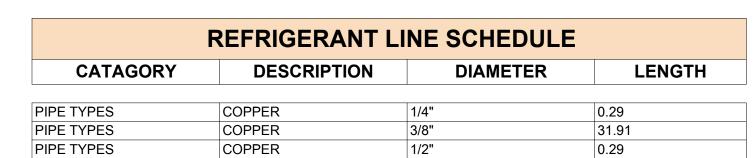
17. FOR ANY INQUIRIES OR CLARIFICATIONS REGARDING THE HVAC SYSTEM DESIGN, PLEASE CONSULT THE RESPONSIBLE DESIGN PROFESSIONALS OR THE PROJECT MANAGEMENT TEAM.

SYMBOLS





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



3/4"

COPPER

PIPE TYPES

HVAC COLOR SCHEME

AIR CONDITIONING PIPE

LINE

37.36

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	9	
ELBOW - GENERIC	ELBOW - GENERIC: STANDARD/HVAC	3/8"ø-3/8"ø	7	
TRANSITION - GENERIC	TRANSITION - GENERIC: STANDARD	3/4"ø-1/2"ø	2	
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

DI	JCT FITTING SCHEDULE	
CATAGORY	DESCRIPTION	COUNT
ROUND TRANSITION - ANGLE	45 DEGREE	5

	DUCT ACCESSORY SCHEDUL	E
CATAGORY	DESCRIPTION	COUNT
ROOF VENT	3" DIAMETER	3

	FLEX DU	JCT SCHEDULI		
DESCRIPTION	DESCRIPTION	LENGTH	DIAMETER	COUNT
FLEX DUCT ROUND	FLEX-ROUND	8.99	4"	3
GRAND TOTAL: 3		8.99		



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

HVAC_PLAN

CLIENT NAME: Owner PROJECT NUMBER 15_0001 DATE: 1/31/2025 11:56:07 PM Designer DESIGNED BY: DRAWN BY: Author CHECKED BY: Checker

M101

SCALE: As indicated

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ELECTRICAL NOTES

- 1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 01-WISDOM-499-STUDIO-SPANSHI-550. IT PROVIDES A VISUAL REPRESENTATION OF THE ELECTRICAL LAYOUT AND COMPONENTS, INCLUDING POWER DISTRIBUTION, LIGHTING, AND CONTROL SYSTEMS.
- 2. THE ELECTRICAL SYSTEM IS DESIGNED TO MEET THE SPECIFIC REQUIREMENTS OF THE BUILDING, INCLUDING POWER DISTRIBUTION, LIGHTING, AND SPECIALIZED ELECTRICAL EQUIPMENT NEEDS, AS PER THE PROJECT SPECIFICATIONS AND APPLICABLE CODES AND STANDARDS.
- 3. THE ELECTRICAL SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL BUILDING CODE (IBC), AND ALL OTHER APPLICABLE LOCAL, STATE, AND NATIONAL CODES AND REGULATIONS.
- 4. LOCATIONS AS NEEDED, DEVICES ARE SHOWN ON PLANS IN APPROXIMATE IDEAL LOCATIONS, UNLESS SPECIFICALLY DIMMENSIONED.
- 5. OPEN WALLS AS NEEDED TO ALLOW FOR NEW ELECTRICAL INSTALLATIONS.
- 6. LABEL ALL CIRCUITS ON JUNCTION BOXES, RECEPTACLES, DATA, SMOKE DETECTOR, AND EQUIPMENT IN PANEL BOX.
- 7. INSTALL RACEWAY AS NEEDED FOR DDC, ACCESS CONTROL, LOW VOLTAGE WIRING & DATA.
- 8. RELABEL POWER, DATA & FIRE ALARM FOR ROOM #CHANGES.
 9. VERIFY ALL CIRCUITS LABELED ON PRINT ARE CORRECT BEFORE WORKING ON THEM.
- 10. NOTE ON SITE PLAN ALL CHANGES OR MISSING DETAIL TO BE INCORPORATED INTO THE MASTER PLAN.
- 11. DRAWINGS ARE DIAGRAMMATIC ONLY FOR THE PURPOSE OF SHOWING FIXTURE AND OUTLET LOCATIONS.
- 12. ELECTRICAL CONTRACTOR TO VERIFY SERVICE SIZE BY CALCULATION BASED UPON ACTUAL NAME PLATE RATINGS OF SELECTED FOLIPMENT
- PLATE RATINGS OF SELECTED EQUIPMENT.

 13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN
- 13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN BUILDING FOUNDATION AT SERVICE ENTRANCE LOCATION.
- 14. PROVIDE A MIN. OF 20 FEET OF ONE *4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
- 15. PROVIDE WATERPROOF FIXTURES IN ALL HIGH MOISTURE AREAS (EXTERIOR, SHOWER AND TUB
- CEILINGS ETC.)
 16. PROVIDE DEDICATED CIRCUITS TO 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

MAIN PANEL CALCS

ELECTRICAL CALCS	
LIGHT AND OUTLETS 499 @ 3W	1,497 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	24,797 W
FRIST 10,000 @ 100% REMAINDER @ 40% MINI. SPLIT UNITS	10,000 W 5,919W 10,000 W

25.919 W

25,919 W DIVIDED BY 240V = 109 AMPS TOTAL

(USE 200 AMP SERVICE)

TOTAL

ELECTRICAL ABBREVIATIONS LIST

ENCLOSURE GROUNDING.

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		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
С	CONDUIT	SUPPLY PANEL	SUPPLY PANEL	MCB	MAIN CIRCUIT BREAKER
CAB	CABINET	FACP	FIRE ALARM CONTROL PANEL	MCC	MOTOR CONTROL CENTER
CAT	CATALOG	FCU	FAN COIL UNIT	MDC	MAIN DISTRIBUTION CENTER
CATV	CABLE TELEVISION	FIXT	FIXTURE	MDP	MAIN DISTRIBUTION PANEL
СВ	CIRCUIT BREAKER	FLR	FLOOR	MFR	MANUFACTURERMAIN FUSED
CCTV	CLOSED CIRCUIT TELEVISION	FLUOR	FLUORESCENT		DISCONNECT SWITCH
CKT	CIRCUIT	FU	FUSE	MH	MANHOLE
CLG	CEILING	FUDS	FUSED SAFETY DISCONNECT SWITCH	MIC	MICROPHONE
COMB	COMBINATION	GA	GAUGE	MIN	MINIMUM
CMPR	COMPRESSOR	GAL	GALLON	MISC	MISCELLANEOUS
CONN	CONNECTION	GALV	GALVANIZED	MLO	MAIN LUGS ONLY
CONST	CONSTRUCTION	GC	GENERAL CONTRACTOR	MMS	MANUAL MOTOR STARTER
CONT	CONTINUATION OR CONTINUOUS	GEN	GENERATOR	MOA	MULTIOUTLET ASSEMBLY
CONTR	CONTRACTOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER	MSP	MOTOR STARTER PANELBOARD
CONV	CONVECTOR	GFP	GROUND FAULT PROTECTOR	MSBD	MAIN SWITCHBOARD
CP	CIRCULATING PUMP	GND	GROUND	MT	MOUNT
CRT	CATHODE-RAY TUBE	GRS	GALVANIZED RIGID STEEL (CONDUIT)	MT.C	EMPTY CONDUIT
CT	CURRENT TRANSFORMER	GYP BD	GYPSUM BOARD `	UL	UNDERWRITERS LABORATORIES

Branch Panel:

Location: STUDIO AREA 4
Supply From:
Mounting: Recessed

Enclosure: Type 1

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

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

Notes:

Circuit Numb er	Circuit Description	Number of Elements	Rating	Length	Wire Size	A			3	Wire Size	Length	Rating	Number of Elements	Circuit Description	Circuit Numb er
1	HALL&KITCHEN LIGHT	7	15 A	38' - 3 13/32"	1-#14, 1-#14, 1-#14	320 VA	260 VA			1-#14, 1-#14, 1-#14	35' - 11 17/32"	15 A	8	KITCHEN LIGHT	2
3	OUTDOOR LIGHT	6	15 A	35' - 9 7/16"	1-#14, 1-#14, 1-#14			152 VA	89 VA	1-#14, 1-#14, 1-#14	24' - 8 31/32"	15 A	7	LIV. LIGHT	4
5	BATH GFCI	8	20 A	36' - 8 31/32"	1-#12, 1-#12, 1-#12	420 VA	540 VA			1-#12, 1-#12, 1-#12	31' - 3 21/32"	20 A	3	KITCHEN GFCI	6
7	HOOD&DISH WASHER GFCI	2	30 A	25' - 5 19/32"	1-#10, 1-#10, 1-#10			1380 VA	2000 VA	1-#10, 1-#10, 1-#10	49' - 11"	20 A	1	WASHING MASHEIN	8
9	OUTDOOR GFCI	2	20 A	50' - 4"	1-#12, 1-#12, 1-#12	360 VA	900 VA			1-#14, 1-#14, 1-#14	41' - 0 1/8"	15 A	5	RECEPTACLE	10
11	DRYER	1	30 A	47' - 8 7/8"	2-#10, 1-#10, 1-#10			750 VA	2250 VA	2-#10, 1-#10, 1-#10	34' - 4"	30 A	1	WATER HEATER	12
13						750 VA	2250 VA								14
15	RANGE	1	40 A	29' - 6 29/32"	2-#8, 1-#8, 1-#10			2500 VA	2500 VA	2-#6, 1-#6, 1-#10	29' - 8 7/32"	60 A	1	CONDENSER	16
17						2500 VA	2500 VA								18
19															20
21															22
23															24
25															26
						10800) VA	1161	2 VA						
						90	Α	97	' A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
LIGHTING - DWELLING UNIT	152 VA	100.00%	152 VA	
OTHER	460 VA	100.00%	460 VA	Total Conn. Load: 22412 VA
RECEPTACLE	5720 VA	100.00%	5720 VA	Total Est. Demand: 21412 VA
LIGHTING	89 VA	100.00%	89 VA	Total Conn.: 93 A
CONDENSER	5000 VA	100.00%	5000 VA	Total Est. Demand: 89 A
WATER HEATER	4500 VA	100.00%	4500 VA	
RANGE	5000 VA	80.00%	4000 VA	
DRYER	1500 VA	100.00%	1500 VA	



KEY PLAN

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

SCHEDULE

 CLIENT NAME:
 Owner

 PROJECT NUMBER:
 0053_11

 DATE:
 1/25/2025 4:07:39 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

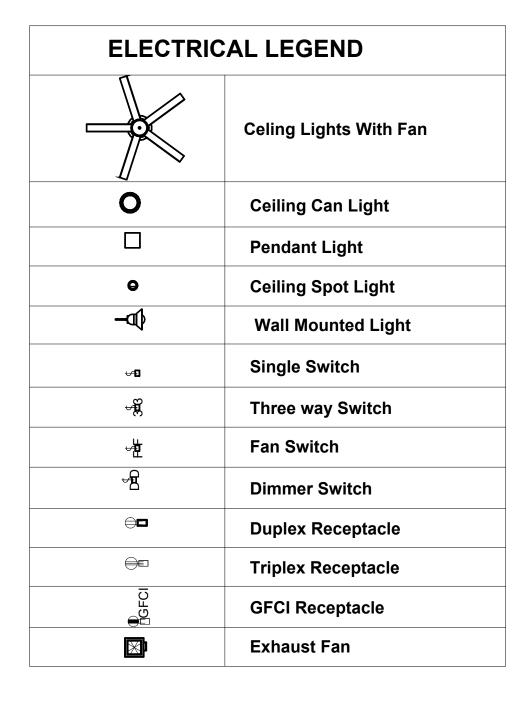
EQUIPMENT SHALL COMPLY WITH THE PROVISIONS OF SECTION E3609.4. WHERE NONMETALLIC ENCLOSURES ARE USED WITH METAL RACEWAYS OR METAL-ARMORED

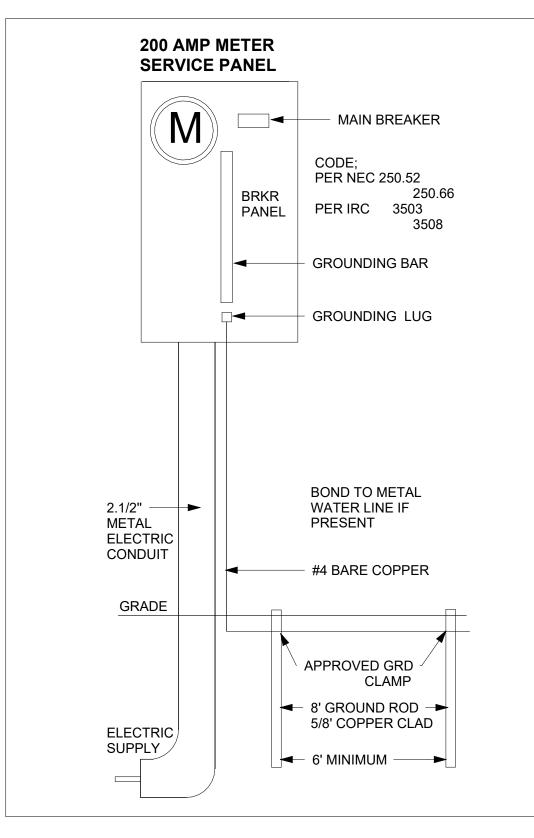
CABLES. PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING

CONDUCTOR.

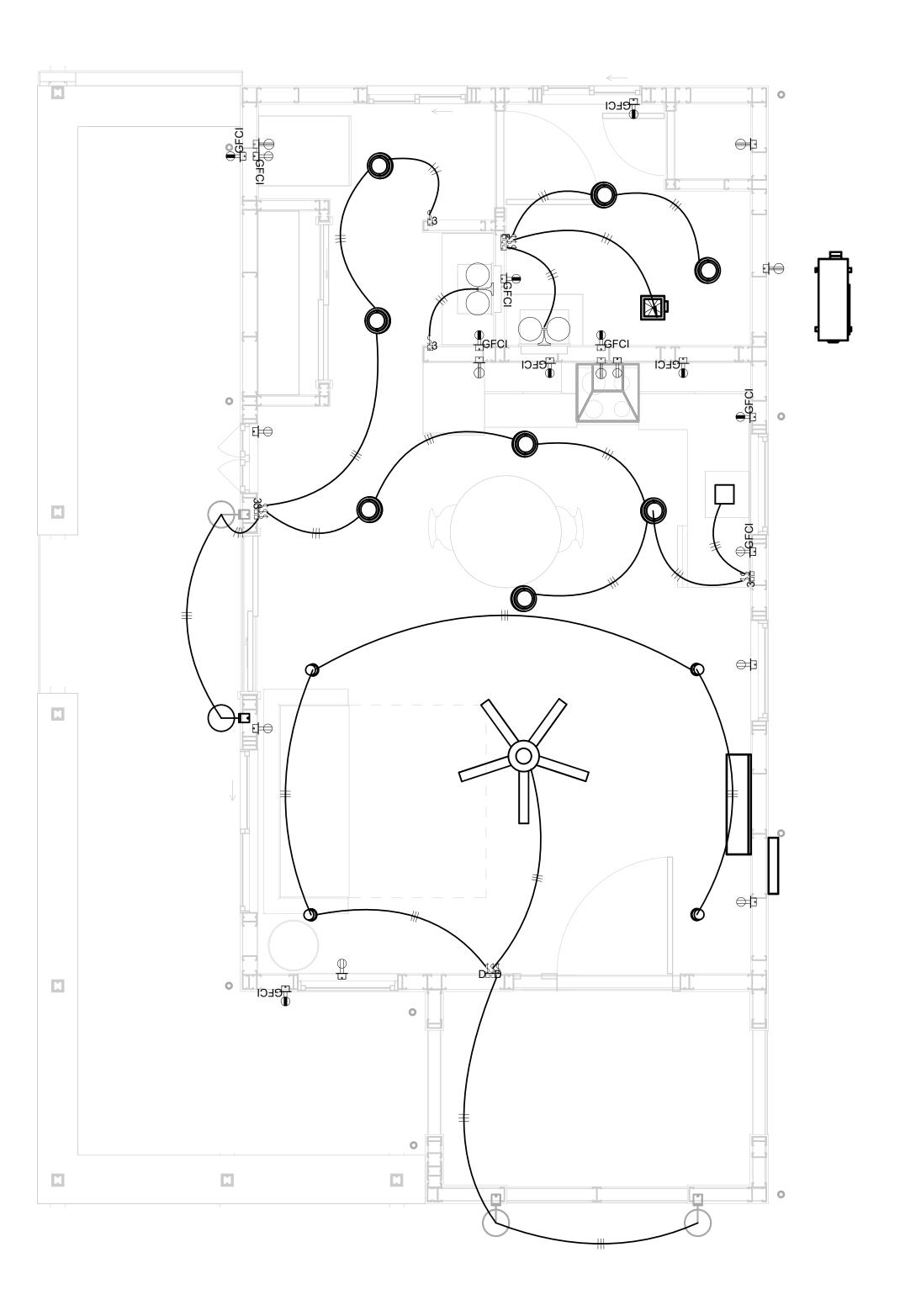
NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT

PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)











KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

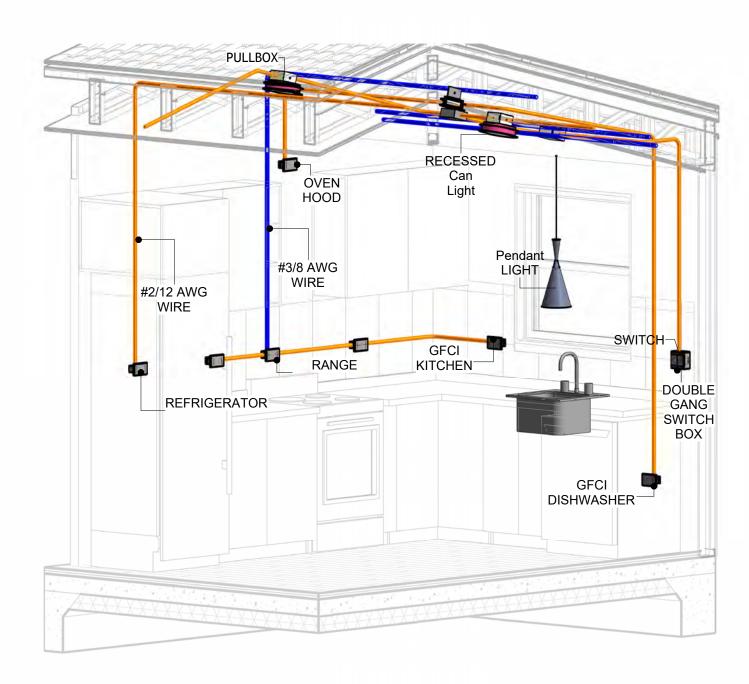
LIGHTING

CLIENT NAME:	Owner
PROJECT NUMBER:	0053_11
DATE:	1/25/2025 4:07:41 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

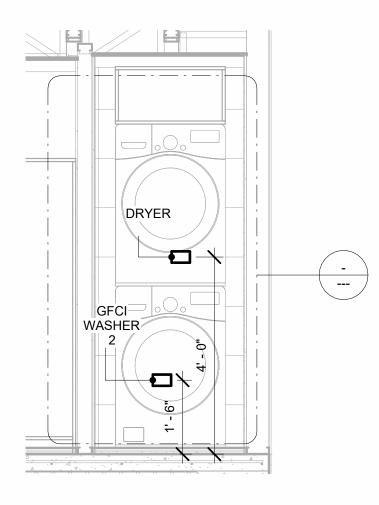
E102

NOTES: CONDUIT, CABLE AND WIRING

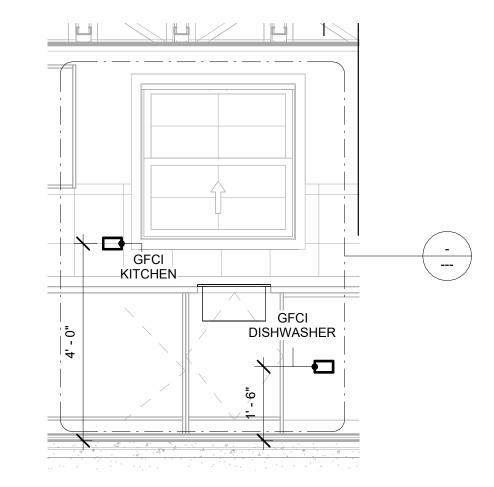
- Use Metalic Conduits (IMC) for cables running under concrete slabs.
 Use IMC for circuits with high voltage appliances (240 volts and above)
 For circuits with 120 volts consider using EMT or PVC conduits if needed.
 For Low voltage applications up to 50 volts consider using non metalic conduits.
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



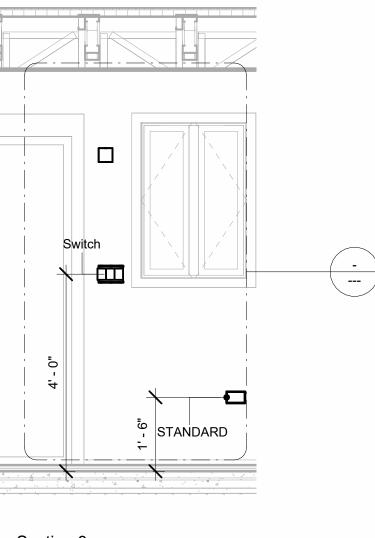




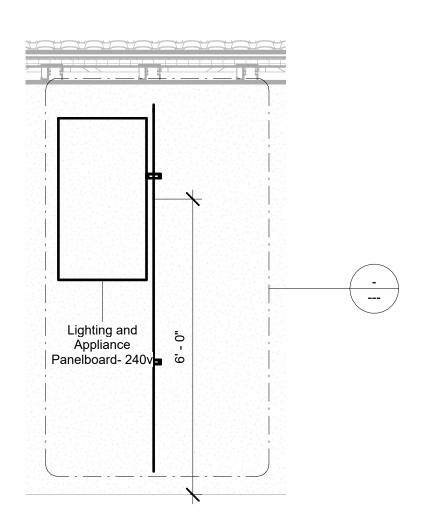
2 Section 1 1/2" = 1'-0"



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



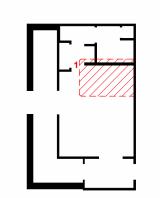
4 Section 3 1/2" = 1'-0"



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



KEY PLAN



DESCRIPTION	DATE
	DESCRIPTION

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

POWER

CLIENT NAME:	Owner
PROJECT NUMBER:	0053_11
DATE:	1/25/2025 4:08:04 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

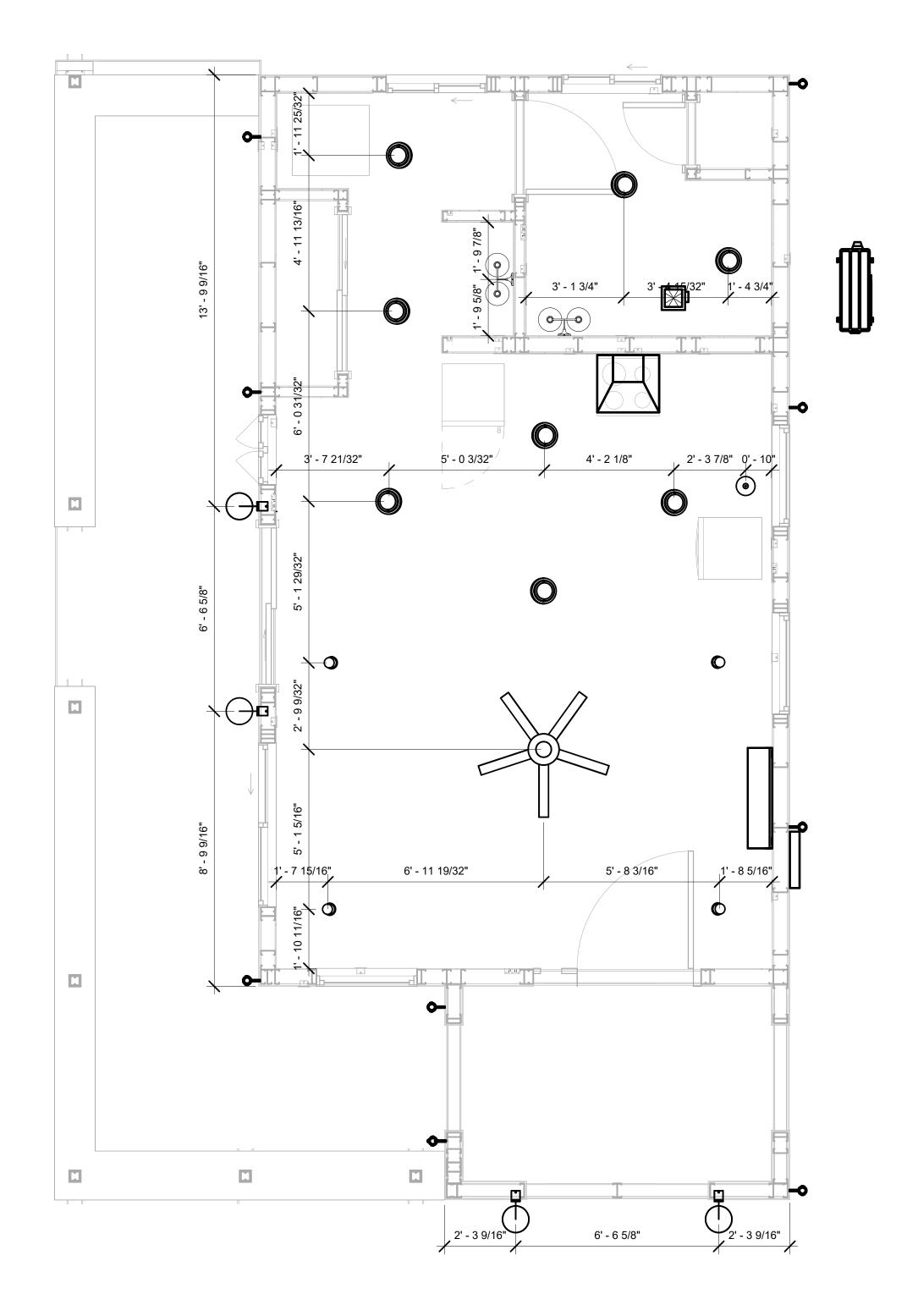
- 1. THE MINIMUM SIZE OF JUCTION BOX TO BE USED IS 2"X4"X(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
- 2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE
- JUCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"X4"X(1.5" OR 3.5" DEEP)
- 3. FOR THREE GANG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

FITTING SCHEDULE(JUNCTION BOX AND PULLBOX)					
FAMILY	COUNT	DESCRIPTION			
CONDUIT JUNCTION BOX - TEE - ALUMINUM	1				
PULLBOX1	14	#1/4 PULLBOX			

ELECTRICAL FIXTURE SCHEDULE (SWITCH BOX)						
TYPE	COUNT					
DOUBLE GANG SWITCH BOX	1					
SINGLE GANG SWITCH BOX	2					
TRIPLE GANG SWITCH BOX	3					

LIGHTING DEVICE							
TYPE	COUNT						
DIMMER	2						
FAN SWITCH	1						
SINGLE POLE	5						
THREE WAY	5						

LIGHTING FIXTURE					
LIGHTING FIXTURE TYPE	VOLTAGE	ELECTRICAL LOAD	COUNT		
ELECTRICAL_LIGHTS_FAN-LI GHT2	120 V/1-50 VA- 120 V/1-80 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	1		
LIGHT_FIXTURE-WALL_SCON CE-KOHLER-TONE-K-31769	ONE DEDICATED CIRCUIT REQUIRED 120 V/1-20 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	2		
LIGHTING_OTHER_LUMENWE RX_SHELL-RECESSED1	120 V/1-20 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	2		
LIGHTING_PENDANT1	120 V/1-20 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	6		
SASSO 100 ROUND WALLWASHER TRIM2	120 V/1-10 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	4		
WALL LAMP - BRACKET1	120 V/1-38 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	4		



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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

DIMENSION PLAN FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0053_11
DATE:	1/25/2025 4:08:06 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

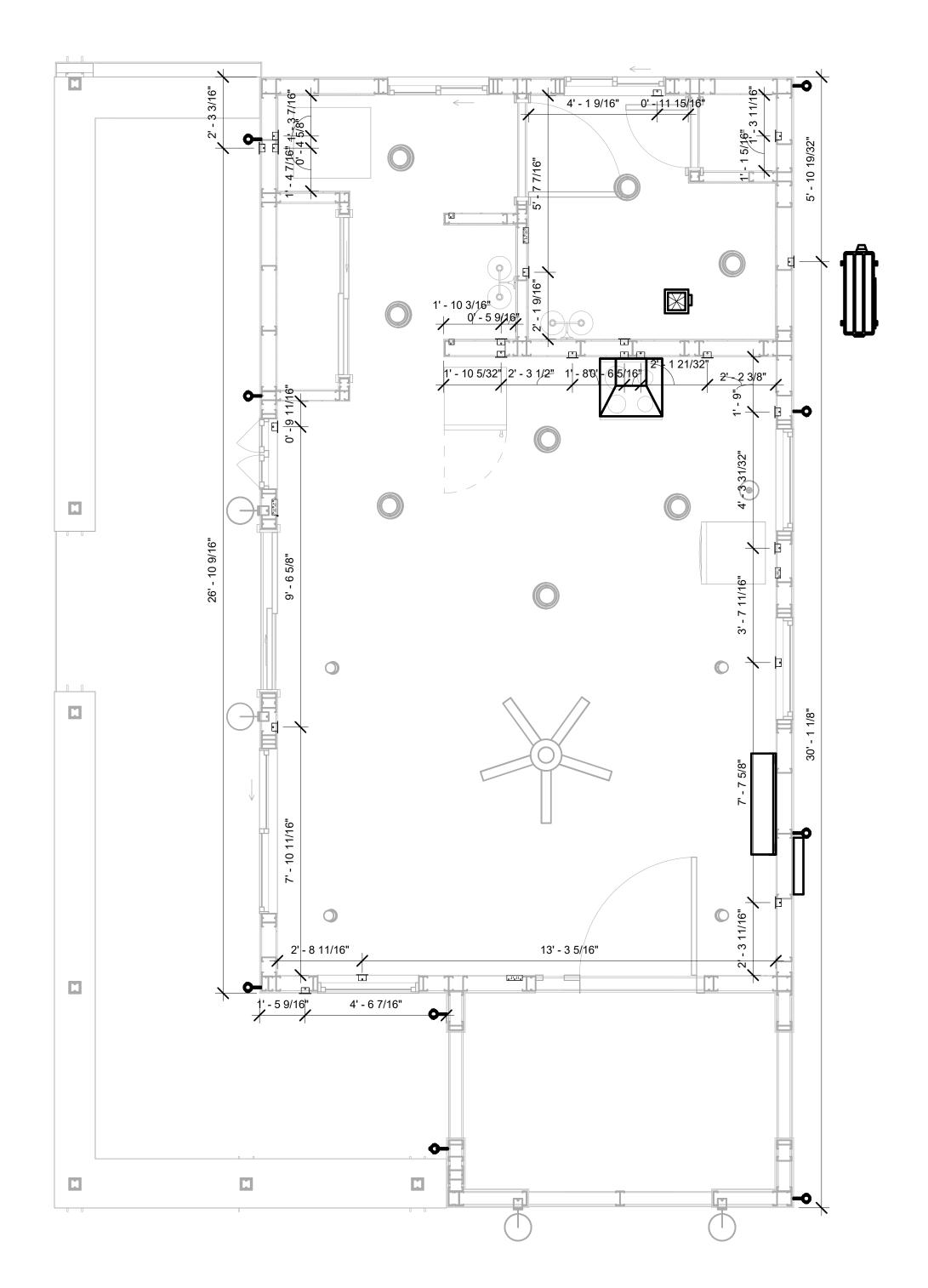
E104

NOTES;

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

ELECTRICAL FIXTURE SCHEDULE (RECEPTACLE)			
TYPE	COUNT		
CONDENSER	1		
DRYER	1		
GFCI BATH ROOM	4		
GFCI DISHWASHER	1		
GFCI KITCHEN	3		
GFCI OUT DOOR	2		
GFCI WASHER 2	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		120 V/1-180 VA	1	
REFRIGERATOR		120 V/1-1500 VA	1	
GFCI BATH ROOM	1	120 V/1-180 VA	1	
GFCI BATH ROOM	5	120 V/1-180 VA	2	
GFCI KITCHEN	6	120 V/1-180 VA	3	
GFCI DISHWASHER	7	120 V/1-1200 VA	1	
OVEN HOOD	7	120 V/1-180 VA	1	
GFCI WASHER 2	8	120 V/1-2000 VA	1	
GFCI OUT DOOR	9	120 V/1-180 VA	2	
STANDARD	10	120 V/1-180 VA	5	
DRYER	11,13	240 V/2-1500 VA	1	
WATER HEATER	12,14	240 V/2-4500 VA	1	
RANGE	15,17	240 V/2-5000 VA	1	
CONDENSER	16,18	240 V/2-5000 VA	1	



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



KEY PLAN

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

DIMENSION PLAN FOR FITTINGS

ENT NAME:	Owner
OJECT NUMBER:	0053_11
ΓE:	1/25/2025 4:08:07 PM
SIGNED BY:	Designer
AWN BY:	Author
ECKED BY:	Checker

E105

SHEET LIST

SHEET NUMBER SHEET NAME

P101 NOTE AND SCHEDULE
P102 WATER SUPPLY AND SEWAGE
SYSTEM

PIPE COLOR SCHEME

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

PLUMBING NOTES

- THE PLUMBING SYSTEM IS DESIGNED TO MEET THE BUILDING'S DOMESTIC WATER SUPPLY, SANITARY DRAINAGE, AND STORM DRAINAGE REQUIREMENTS, AS PER PROJECT SPECIFICATIONS AND APPLICABLE CODES.
- 2. THE SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST INTERNATIONAL PLUMBING CODE (IPC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL OTHER RELEVANT LOCAL, STATE, AND NATIONAL REGULATIONS.
- 3. ALL PLUMBING WORK SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND THE LOCAL PLUMBING CODE.
- 4. PLUMBING SYSTEMS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE LOCAL PLUMBING CODE REQUIREMENTS.
- 5. PLUMBING FIXTURES SHALL BE INSTALLED WITH THE APPROPRIATE TRIM, FITTINGS, AND ACCESSORIES, AS RECOMMENDED BY THE MANUFACTURER.
- 6. PIPING SHALL BE PROPERLY SUPPORTED AND SECURED TO PREVENT SAGGING, MOVEMENT, AND VIBRATION.
- 7. SHUT-OFF VALVES SHALL BE PROVIDED AT ALL BRANCH CONNECTIONS AND AT THE INLET AND OUTLET OF EACH PIECE OF EQUIPMENT.
- 8. BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AS REQUIRED BY THE LOCAL
- PLUMBING CODE TO PROTECT THE POTABLE WATER SYSTEM.

 9. PLUMBING FIXTURES AND EQUIPMENT SHALL BE ACCESSIBLE FOR MAINTENANCE AND
- 10. EXPOSED PLUMBING PIPING AND FIXTURES SHALL BE INSULATED TO PREVENT CONDENSATION AND ENERGY LOSS.
- 11. DEAD ENDS IN THE DRAINAGE SYSTEM MUST BE AVOIDED, EXCEPT WHERE NECESSARY TO INSTALL A CLEANOUT IN AN ACCESSIBLE LOCATION, AND MUST HAVE A VENTED CONNECTION TO THE OUTSIDE ATMOSPHERE.
- 12. THE VERTICAL DEFLECTION OF PVC PIPE MUST NOT EXCEED 5%, AND NO DEFLECTION IS PERMITTED FOR IRON PIPE.
- 13. WORK MUST BE PROPERLY COORDINATED WITH OTHER TRADES TO AVOID CONFLICTS, REFERRING TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR INFORMATION REGARDING CEILING ELEVATIONS, SPACE CLEARANCES, WALL AND PARTITION LOCATIONS, ETC.
- 14. ALL FIXTURES SHALL HAVE ACCESSIBLE STOPS.
- 15. DOMESTIC WATER PIPING SHALL BE PEX, AND PVC PIPING IS NOT ACCEPTABLE FOR INTERIOR USE.
- 16. VENT TERMINATIONS SHALL BE LOCATED AT LEAST 10 FEET FROM OR 3 FEET ABOVE ANY OPERABLE WINDOW, DOOR OPENING, AIR INTAKE, OR VENT SHAFT, AND AT LEAST 3 FEET IN EVERY DIRECTION FROM ANY LOT LINE, ALLEY, OR STREET.
- 17. PIPE AND FITTINGS UTILIZED IN THE WATER SUPPLY SYSTEM SHALL HAVE A MAXIMUM OF 8 PERCENT LEAD.
- 18. ACRYLONITRILE BUTADIENE STYRENE (ABS) SHALL BE USED FOR THE SEWERAGE AND VENTILATION SYSTEM.
- 19. CROSS-LINKED POLYETHYLENE (PEX) SHALL BE USED FOR THE WATER SUPPLY SYSTEM.
- 20. POLYVINYL CHLORIDE (PVC) SHÀLL BÉ USED FOR THE RAIN WATER SYSTEM.
- 21. THE MIMIMUM WATER SUPPLY DEPTH UNDER FLOOR FINISH SHOUD BE 1/2".
- 22. ANY PIPE INSTALLED UNDERGROUND MUST HAVE AT LEAST 12 INCHES OF CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND ANY OTHER UNDERGROUND STRUCTURE.
- 23. THE MINIMUM CLEARANCE BETWEEN COLD AND HOT WATER LINES IN RESIDENTIAL
- HOMES MAINTAIN A MINIMUM DISTANCE OF 6 INCHES.

 24. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES: A MINIMUM OF 12
- 24. HORIZONTAL SEPARATION BETWEEN WATER AND SEWER LINES: A MINIMUM OF 12 INCHES BETWEEN POTABLE WATER SUPPLY LINES (COLD AND HOT WATER) AND SANITARY SEWER LINES.

ABBREVIATIONS

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

PLUMBING LEGEND

D	CAP
	BEND 45 DEG
\Box	BEND 90 DEG
	TEE REDUCING
	TEE
	CLEAN TWO-WAY
	WYE 45 DEG
	WYE 45 DEG DOUBLE
	WYE COMBINATION
	P-TRAP

WASHER

WATER CLOSET

PIPE SCHEDULE					
MATERIAL DIAMETER LENGTH					
ACRYLONITRILE BUTADIENE STYRENE (ABS) 1 1/2" 58 FT					
ACRYLONITRILE BUTADIENE STYRENE (ABS) 2" 133 FT					
ACRYLONITRILE BUTADIENE STYRENE (ABS) 3" 10 FT					
CROSS-LINKED POLYETHYLENE (PEX) 1/2" 88 FT					
CROSS-LINKED POLYETHYLENE (PEX) 3/4" 38 FT					

		G SCHEDULE	
FITTING		SIZE	QTY
DOMESTIC COLD WATER			
PEX 90 DEGREE ELBOW		1/2"ø-1/2"ø	19
PEX 90 DEGREE ELBOW		3/4"ø-3/4"ø	1
PEX CROSS ELBOW		3/4"ø-3/4"ø-3/4"ø	1
PEX TEE ELBOW		1/2"ø-1/2"ø-1/2"ø	2
PEX TEE ELBOW		3/4"ø-3/4"ø-3/4"ø	4
PEX TRANSITION ELBOW		1"ø-3/4"ø	2
PEX TRANSITION ELBOW		3/4"ø-1/2"ø	6
DOMESTIC HOT WATER			
PEX 90 DEGREE ELBOW		1/2"ø-1/2"ø	13
PEX 90 DEGREE ELBOW		3/4"ø-3/4"ø	3
PEX CROSS ELBOW		1/2"ø-1/2"ø-1/2"ø	1
PEX TEE ELBOW		1/2"ø-1/2"ø	2
PEX TEE ELBOW		3/4"ø-3/4"ø-3/4"ø	1
PEX TRANSITION ELBOW		3/4"ø-1/2"ø	4
RAIN WATER			
ABS 90 DEGREE BEND ELBOW		1 1/2"ø-1 1/2"ø	7
ABS 90 DEGREE BEND ELBOW		2"ø-2"ø	13
ABS BEND LONG SWEEP ELBOW		2"ø-2"ø	5
ABS REDUCER ELBOW		2"ø-1 1/2"ø	2
ABS TEE ELBOW		2"ø-2"ø-2"ø	3
ABS TEE REDUCER ELBOW		2"ø-2"ø-1 1/2"ø	1
ABS 90 DEGREE BEND ELBOW ABS 90 DEGREE BEND ELBOW ABS BEND LONG SWEEP ELBOW ABS P-TRAP ABS P-TRAP ABS REDUCER ELBOW ABS TEE REDUCER ELBOW ABS TRAP P ABS VENT CAP ELBOW ABS WASTE DOUBLE TEE ABS WYE COMBINATION WITH 8TH B	SEND ELBOW	2"ø-2"ø 3"ø-3"ø 2"ø-2"ø 1 1/2"ø-1 1/2"ø 2"ø-2"ø 2"ø-2"ø 1 1/2"ø-1 1/2"ø 3"ø-2"ø 1 1/2"ø-1 1/2"ø 2"ø-2"ø-2"ø 3"ø-3"ø-3"ø 3"ø-3"ø-3"ø 2"ø-2"ø 2"ø-2"ø 2"ø-2"ø 2"ø-2"ø 3"ø-3"ø-3"ø 3"ø-3"ø-3"ø 4 4/2" - 4 4/2" -	3 1 2 4 1 3 2 2 2 1 1 1 1 1 1
ABS 90 DEGREE BEND ELBOW		1 1/2"ø-1 1/2"ø 1 1/2"ø-1 1/2"ø-1 1/2"ø	2 1
ABS TEE ELBOW ABS VENT CAP ELBOW		1 1/2 Ø-1 1/2 Ø-1 1/2 Ø	<u></u>
ADO VENT OAD ELDOW		OII	
WA	TER FIXTU	RE UNIT SCHEDULE	
FAMILY	QTY	UNIT VALUE	TOTAL
DICLIMACHED		4.4	
DISHWASHER	1	1.4	1.4
KITCHEN SINK	1	1.4	1.4
SHOWER TRAY	1 1	4.4	0
SHOWER TRIM VANITY SINK		1.4	1.4
	2	0.7	1.4
WASHER	1	1 4	1 4

WASTE FIXTURE UNIT SCHEDULE						
FAMILY QTY DFU VALUES TOTAL						
DISHWASHER	1	2	2			
KITCHEN SINK	1	2	2			
SHOWER TRAY	1		0			
VANITY SINK	2	1	2			
WASHER	1	2	2			
WATER CLOSET	1	3	3			

2.2

1.4

2.2

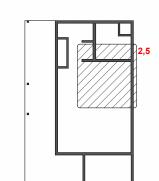
	FIXTURE SCHEDULE			
FIXTURE	QTY	DESCRIPTION		
DISHWASHER	1			
DRYER	1			
KITCHEN SINK	1			
SHOWER TRAY	1			
SHOWER TRIM	1			
VANITY SINK	2			
WASHER	1			
WATER CLOSET	1			
WATER HEATER	1			

PLUMBING SCHEDULE					
FIXTURE	TRAP	WASTE	VENT	C.W	H.W
DISHWASHER	1-1/2"	2"	1-1/2"	1/2"	1/2"
DRYER	N/A	N/A	N/A	N/A	N/A
KITCHEN SINK	1-1/2"	2"	1-1/2"	1/2"	1/2"
SHOWER TRAY					
SHOWER TRIM	-	-	-	1/2"	1/2"
VANITY SINK	1-1/2"	2"	1-1/2"	1/2"	1/2"
WASHER	2"	2"	1-1/2"	1/2"	1/2"
WATER CLOSET	3"	3"	2"	1/2"	1/2"
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"

ACCESSORIES & FITTINGS SCHEDULE						
FIXTURE QTY DESCRIPTIONS						
DISHWASHER SUPPLY SINGLE CONNECTOR	1					
DISHWASHER SEWAGE SINGLE CONNECTOR	1					
HANGING PIPE CLAMP	15					
HOSE BIB	1					
LAUNDRY SWEAT CONNECTOR	1					
SHUTOFF VALVE	8					



KEY PLAN



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

01-Wisdom-499-Studio Spanish-550

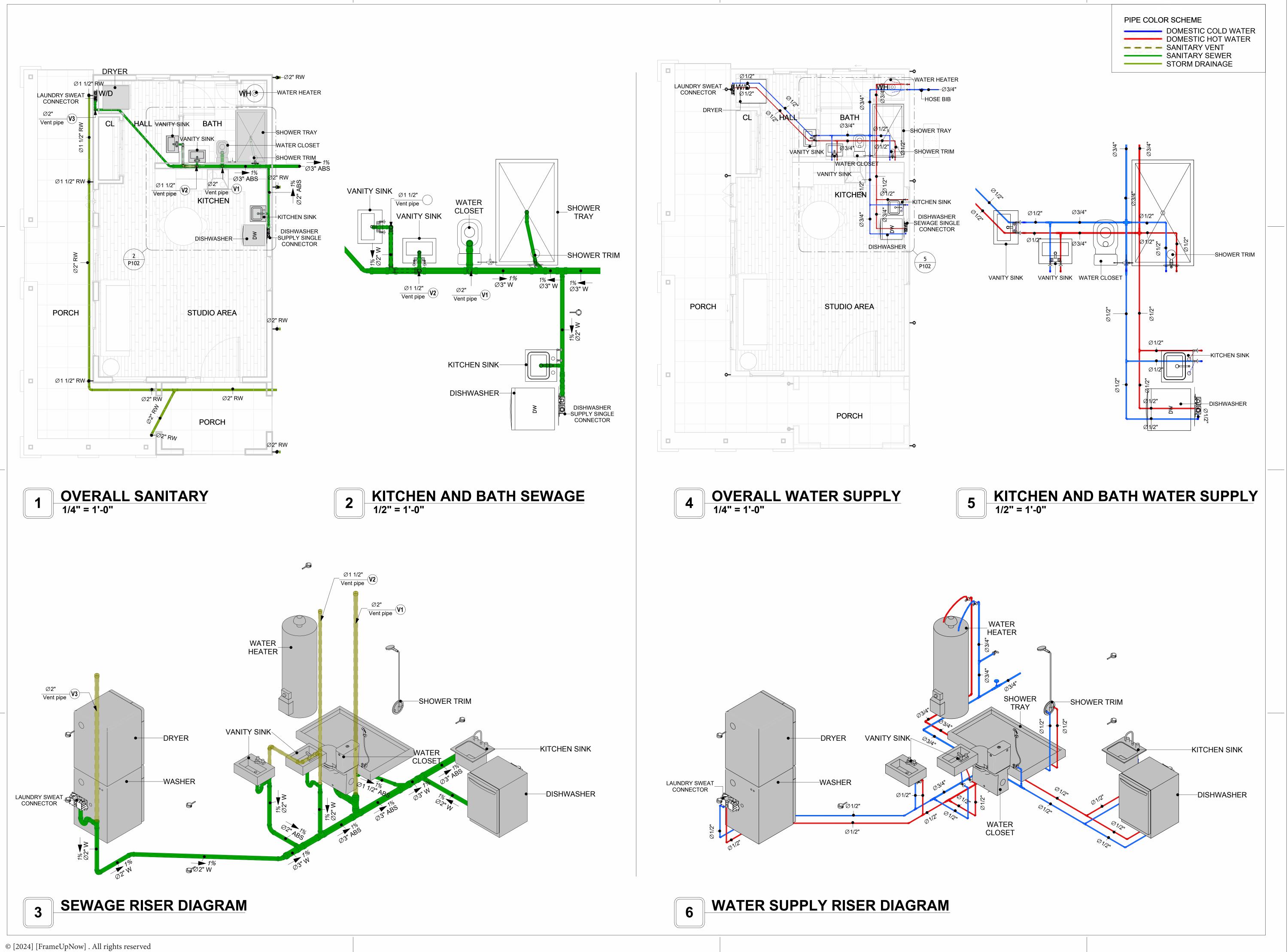
DRAWING NAME

NOTE AND SCHEDULE

CLIENT NAME:

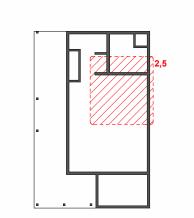
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DATE:	2/1/2025 4:44:01 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

P101





KEY PLAN



NO.	DESCRIPTION	DATE

LEGEND:

NOTE:

PROJECT

01-Wisdom-499-Studio Spanish-550

DRAWING NAME

WATER SUPPLY AND SEWAGE SYSTEM

CLIENT NAME:

PROJECT NUMBER:

DATE:

2/1/2025 4:44:36 PM

DESIGNED BY:

DRAWN BY:

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

Universal Requirements - some or all may be required

- 1 Site plan
- 2 Electrical Supply Connection
- 3 Sewer Connection
- 4 Fresh Water Supply Connection
- 5 Set Backs
- 6 Soils Evaluation

- 7 Earthquake (fault) evaluation
- 8 Foundation Plan subject to soils
- 9 Compliance with local energy codes: insulation home wrap and flashing
- 10 Engineering for wind speed and snow load.
- 11 State and Local ordinances regarding ADUs
- 12 Local Architect and/or Engineer may be necessary







01-WISDOM-499-STUDIO-SPANISH-550

MATERIAL SHOPPING LIST

Have It Your Way!

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

	Table Of Content				
#	Name	Link	Page No		
1	Cover Page	Cover Page	1		
2	TOC	TOC	2		
3	ELECTRICAL BOM	ELECTRICAL BOM	3		
5	HVAC BOM	HVAC BOM	7		
4	PLUMBING BOM	PLUMBING BOM	10		
6	ARCHITECTURAL BOM	ARCHITECTURAL BOM	15		

Have It Your Way!

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

GENERAL NOTES

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



		WISDOM STUD	IO- SPAINIS	П	
		ARCHITECTURAL MATE	RIAL SHOPI	PING LIST	
No.	Item	Туре	Unit	Quantity	Description
	APPLIANCES				
1	Refrigerator		PCS	1	
2	Range		PCS	1	
3	Washer		PCS	1	
4	Dryer		PCS	1	
5	Dish Washer		PCS	1	
6	Oven		PCS	0	
7	Microwave		PCS	0	
\triangle	CASEWORKS				
8	Kitchen Cabinet		FT	15.82	
9	Laundry Cabinet		FT	2.25	
10	Vanity Cabinet		FT	6.08	
11	Medicine Cabinet		PCS	2	
12	Kitchen countertop		SF	24.46	
13	Laundry Countertop		PCS	0	
14	Bathroom Countertop		SF	0	
15	Island		FT	0	
16	Peninsula		FT	0	
17	Closets		SF	35.48	
	CEILING	1	1 -	1-1	
18	Ceiling Board	Dry Wall	SF	408	
19	Dry Wall Fastener	Screw	PCS	714	
20	Vapor Retarder	Polyethylene film	SF	537	
21	Vapor Retarder Fastener	Nails with washer heads	PCS	1611	
22	Ceiling Board (MRD)	Moisture resistant drywall	SF	59	
23	MRD Fastener	Moistare resistant drywan	PCS	103	
24	Ceiling Board	Marine Plywood	SF	70	
25	Marine Plywood Fastener	Screw	PCS	123	
26	Dry Wall Tape	Sciew	FT	269	
<u></u>	ROOF		11	207	
27	Roof Covering		SF	585.6	
	Roof Covering Fastener		PCS	293	
29	Roof Felt Paper		SF PCS	1004.0	
30	Roof Felt Paper Fastener			1756.9	
31	Roof Sheathing Fastener		SF	59	
32	Roof Sheathing Fastener		PCS	472	
33	Batten		FT	52.2	
34	Batten Fastener		PCS	39.3	
35	Soffit		SF	91.4	
36	Soffit Fastener		PCS	45.7	
37	Fascia		FT	156.7	
38	Fascia board fastener		PCS	78	
39	Roof Insulation		SF	585.6	
40	Roof Insulation		SF	585.6	
\triangle	FLOORING				
41	Main Living Space		SF	372.15	
42	Bathroom		SF	65.87	
43	Porch		SF	351.09	
\triangle	STRUCTURE				
44	Foundation		SF	845.51	

					_
RC	CHITECTURAL	BOM		THE STATE OF THE PARTY OF THE P	Frame Now
	WALLS EXTERIOR			T OF	
45	Exterior Wall Siding		SF	1120	
46	Wall Paint		SF	1120	
47	Wall Shteathing (OSB)		SF	1120	
48	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	11.2	
49	Wall Insulation	3 \ 1 /	SF	875	
50	Wall Homewrap		SF	1120	
	Home wrap Fastener	Stapled fastener (200/pkt)	PKT	4.256	
	WALLS INTERIOR	1			
52	Cementitious Backer Board		SF	92.4	
53	Kerdi membrane		SF	0	
54	Kerdi membrane Fastener		SF	0	
55	Wall Ceramic Tile		SF	0	
56	Drywall Board		SF	95.7	
57	Drywall Fastener	Self-drilling screws(100/pkt)	PKT	137.7	
58	Wall Paint	3 \ 1 /	SF	#VALUE!	
59	Drywall Tape		FT	2	
60	Wall Sweep		FT	0	
Δ	DOORS	'			
61	Interior Swinging	3' - 0" X 6'-8"	PCS	1	
62	Interior Swinging	2' - 0" X 6'-8"	PCS	1	
63	Front Door With Sidelight	5' - 5" X 6'-11 1/2"	PCS	1	
64	Interior Sliding	5' - 0" X 6'-8"	PCS	1	
65	Patio Sliding	5' - 2" X 6'-8"	PCS	1	
66	Exterior Door Trim			37.4	
67	Interior Door Trim			137.7	
68	Entry Lock set			2	
69	Privacy Lock set			1	
70	Passage Lock set			2	
	WINDOWS				
71	Single Hung	3' - 3" X 4'-3"	PCS	1	
72	Sliding	5' - 3" X 3'-3"	PCS	1	
73	Sliding	3' - 3" X 2'-3"	PCS	2	
74	Casement	2' - 3" X 3'-3"	PCS	1	
75	Exterior Window Trim			92.4	
76	Interior Window Trim			92.4	

ELECTRICAL BOM



	WISDOM STUDIO- SPANISH						
	ELECTRICAL MATERIAL SHOPPING LIST						
No.	Item	Туре	Unit	Quantity	Description		
Δ	LIGHTING FIXTURES			-	·		
1	Kitchen Ceiling Light		PCS	5			
2	Exterior Wall Mounted Light		PCS	4			
3	Livingroom Ceiling Light With Fan		PCS	1			
4	Bedroom Ceiling Light With Fan		PCS	0			
5	Dining Ceiling Light		PCS	0			
6	Bath Wall Mounted Light		PCS	2			
7	Bathroom Ceiling Light		PCS	2			
8	Livingroom Ceiling Light		PCS	4			
9	Hall & Entry Ceiling Light		PCS	2			
10	Smoke Detector		PCS	0			
Δ	ELECTRICAL FITTINGS		+				
11	Standard Receptacle 120V	15 A	PCS	5			
12	GFCI Receptacle 120V	20 A	PCS	11			
13	GFCI Receptacle 240V	30 A	PCS	3			
14	GFCI Receptacle 240V	40 A	PCS	1			
15	GFCI Receptacle 240V	60 A	PCS	1			
16	Fan Switch		PCS	1			
17	Single Pole Switch		PCS	6			
18	Three Way Switch		PCS	4			
	Dimmer Switch		PCS	2			
	ELECTRICAL CONDUITS & WIRING		į. 33				
	ROMEX 14 AWG	14/2 w/ground	FT	170			
21	ROMEX 12 AWG	12/2 w/ground	FT	114.7			
	ROMEX 10 AWG	10/2 w/ground	FT	72			
	ROMEX 10 AWG	10/3 w/ground	FT	79			
	ROMEX 10 AWG	8/2 w/ground	' '	0			
	ROMEX 8 AWG	8/3 w/ground	FT	28			
26	ROMEX 6 AWG	6/3 w/ground	FT	31			
27	Bare Copper Ground Wire 6 AWG	o g. o a d	' '	01			
	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1			
30	Circuit breaker	15 A	PCS	5			
	Circuit breaker	20 A	PCS	4			
	Circuit breaker	30 A	PCS	3			
	Circuit breaker	40 A	PCS	1			
36	Circuit breaker	60 A	PCS	1			
37	Double Gang Switch Box	0071	PCS	2			
38	Double Gang Switch Box		PCS	1			
39	Triple Gang Switch Box		PCS	3			
40	Pull Box	#1/4	PCS	14			
41	Receptacle Box	ii 11 T	PCS	22			

PLUMBING BOM



	WISDOM STUDIO- SPANISH					
	PLUMBIN	IG SYSTEM MATERIA	AL SHOPE	PING LIST		
No.	Item	Туре	Unit	Quantity	Description	
	PLUMBING FIXTURES & ACCESSORIES					
1	Bath Tub (Alcove Tub)		PCS	0		
2	Kitchen Sink		PCS	1		
3	Kitchen Faucets		PCS	1		
	Vanity Sink		PCS	2		
5	Bath room Faucets		PCS	2		
6	Water Closet		PCS	1		
7	Shower Trim		PCS	1		
8	Shower Tray		PCS	1		
9	Water Heater		PCS	1		
10	Hose Bib		PCS	2		
11	Shutoff Valve		PCS	8		
12	Hanging pipe clamp		PCS	19		
13	Gate Valve		PCS	1		
14	Dishwasher Supply Single Connector		PCS	1		
	Dishwasher Sewage Single Connector		PCS	1		
	Laundry Sweat Connector		PCS	1		
	SANITARY & PLUMBING PIPES	<u>'</u>				
17	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"	FT	0		
	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	20		
	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	185		
	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	10		
	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	89		
	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	38		
	PEX (Cross-linked polyethylene) Pipes	ø 1"	FT	0		
	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		
	PIPE FITTINGS	0 112	1 00	0		
	ABS 90 Deg Bend Elbow	2"ø-2"ø	PCS	21		
	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	3		
	ABS 90 Degree Bend Elbow	2"ø-2"ø	PCS	11		
	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	1		
	ABS Bend Long Sweep Elbow	2"ø-2"ø	PCS	2		
	ABS P-Trap	2"ø-2"ø	PCS	1		
	ABS Reducer Elbow	2"ø-1 1/2"ø	PCS	3		
	ABS Reducer Elbow	3"ø-2"ø	PCS	2		
	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø	PCS	3		
	ABS TEE Elbow	2"ø-2"ø-2"ø	PCS	6		
_			PCS			
	ABS TEE Elbow	3"ø-3"ø-3"ø 3"ø-3"ø-3"ø		1		
	ABS Tee Reducer Elbow ABS Trap P	3 Ø-3 Ø-3 Ø 2"Ø-2"Ø	PCS PCS	1		
	ABS Vent Cap Elbow	2 Ø-2 Ø 2"Ø	PCS	3		
	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø-2"ø	PCS	1		
			PCS	1		
	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø				
	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	32		
	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	4		
	PEX Cross Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	1		
	PEX Cross Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	1		
	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	4		
52	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	5		
	PEX Transition Elbow	1"ø-3/4"ø	PCS	2		

HVAC BOM



	WISDOM STUDIO- SPANISH								
	HVAC SYSTEM MATERIAL SHOPPING LIST								
No.	Item	Туре	Unit	Quantity	Description				
1	PIPE (REFRIGERANT LINE)	1/2" Ø	FT	0.46					
2	PIPE (REFRIGERANT LINE)	1/4" Ø	FT	32.41					
3	PIPE (REFRIGERANT LINE)	3/4" Ø	FT	0.45					
4	PIPE (REFRIGERANT LINE)	4" Ø	FT	38.18					
5	DRAYER HOSE	5" Ø	FT	4.3					
6	FLEX DUCT ROUND	4"	FT	5.58					
<u></u>	DUCT FITTINGS & ACCESSORIES								
7	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	1					
8	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)	PCS	1					
9	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	10					
10	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)	PCS	7					
11	TRANSITION (REFRIGERANT	3/4" (Ø)-1/2" (Ø)	PCS	2					
12	TRANSITION (REFRIGERANT	3/4" (Ø)-3/8" (Ø)	PCS	1					
13	TRANSITION (REFRIGERANT	3/8" (Ø)-1/4" (Ø)	PCS	1					
14	ROUND TRANSITION(ANGLE)	45 DEGREE	PCS	5					
<u></u>	HVAC_EQUIPMENTS								
15	AIR HANDLING UNIT	WALL MOUNTED	PCS	1					
16	CONDENSER	OUTDOOR UNIT	PCS	1					
17	EXHAUST FAN	75 CFM	PCS	1					
18	EXHAUST HOOD	WALL MOUNTED	PCS	1					
19	HOOD-WALL: VENT	HOOD-WALL: VENT	PCS	1					
20	DRAYER: VENT	DRAYER: VENT	PCS	1					
21	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.



	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						
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Cabinet			FT	15.82		
2	Laundry Cabinet			FT	2.25		
3	Vanity Cabinet			FT	6.08		
4	Medicine Cabinet			PCS	2		
5	Kitchen countertop			SF	24.46		
6	Laundry Countertop			PCS	0		
7	Bathroom Countertop			SF	0		
8	Island			FT	0		
9	Peninsula			FT	0		
10	Closets			SF	35.49		



			ROOF 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Roof Covering			SF	867.0		
2	Roof Covering Fastener			PCS	434		
3	Roof Felt Paper			SF	867.0		
4	Roof Felt Paper Fastener			PCS	2601.0		
5	Roof Sheathing			SF	867.0		
6	Roof Sheathing Fastener			PCS	6936		
7	Batten			FT	0.0		
8	Batten Fastener			PCS	0.0		
9	Soffit			SF	138.0		
10	Soffit Fastener			PCS	69.0		
11	Fascia			FT	97.0		
12	Fascia board fastener			PCS	49		
13	Roof Insulation			SF	867.0		



			CEILING 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Γotal
	STUDIO AREA AND KITCH	HEN		SF	419.0		
1	Ceiling Board	Drywall		SF	419		
2	Drywall Fastener	Screw		PCS	733		
3	Vapor Retarder	Polyethylene film		SF	419.0		
4	Vapor Retarder Fastener	Nails with washer heads		PCS	1257.0		
	BATH ROOM			SF	64.0		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	64		
6	MRD Fastener	Screw		PCS	112		
	CLOSET	·		SF	15.0		
7	Ceiling Board	Drywall		SF	15		
8	Drywall Fastener	Screw		PCS	26		
9	Vapor Retarder	Polyethylene film		SF	15.0		
10	Vapor Retarder Fastener	Nails with washer heads		PCS	45.0		
	PATIO 1			SF	26.0		
11	Ceiling Board	Marine Plywood		SF	26		
12	Exterior Grade Plywood	Screw		PCS	46		



	CEILING 02						
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price 1	Total
	WH			SF	8.0		
13	Ceiling Board	Drywall		SF	8		
14	Drywall Fastener	Screw		PCS	14		
15	Vapor Retarder	Polyethylene film		SF	8.0		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	24.0		
	PATIO 2			SF	50.0		
	Ceiling Board	Marine Plywood		SF	50		
	Exterior Grade Plywood	Screw		PCS	88		



		FLOORING EXTERIOR			
Item	Туре	Description, Manufacturer, SKU	Unit	quantity	Unit Price
STRUCTURE			SF	682.62	
Concrete Slab	4"concrete cast in situ		CF	279.38	
Insulation	Rigid insulation		SF	237	
Hard core	Compacted soil		CF	160.64	
Re-bar	#4 re-bar		Ton	0.83	
Concrete Pad	4"concrete cast in situ		CF	1.58	
Slab edge	Turndown		CF	176.58	
Footing	Cast-in-place concrete		CF	9.36	
PORCH FRONT					
Tile Finish			SF	121.55	
Adhesive	1/2" Thin set Mortar		SF	121.55	
Vapor Retarder	Vapor Barrier Polyethylene		SF	121.55	
PORCH SIDE					
Tile Finish			SF	68.16	
Adhesive	1/2" Thin set Mortar		SF	68.16	
Vapor Retarder	Vapor Barrier Polyethylene		SF	68.16	



			FLOORING INTERIOR 01			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Uni	Price Total
	CLOSET					
1	Closet Flooring			SF	13.25	
2	Wood underlay	Foam Pad Polyethylene		SF	13.25	
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	13.25	
4	LIVING ROOM AND KITCHEN	4				
5	Living Area Flooring			SF	359	
6	Wood underlay	Foam Pad Polyethylene		SF	359	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	359	
7	BATHROOM					
8	Tile Finish			SF	57.25	
9	Adhesive	1/2" Thin set Mortar		SF	57.25	
	Vapor Retarder	Vapor Barrier Polyethylene		SF	57.25	
10	LAUNDRY					
11	Tile Finish			SF	7.78	
12	Adhesive	1/2" Thin set Mortar		SF	7.78	
13	Vapor Retarder	Vapor Barrier Polyethylene		SF	7.78	



			FLOORING INTERIOR 02			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Ur	nit Price Total
	HANDWASH					
1	Tile Finish			SF	8.83	
2	Adhesive	1/2" Thin set Mortar		SF	8.83	
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	8.83	
	BOILER ROOM					
4	Tile Finish			SF	7.43	
5	Adhesive	1/2" Thin set Mortar		SF	7.43	
6	Vapor Retarder	Vapor Barrier Polyethylene		SF	7.43	



			WALLS: EXTERIOR 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
1	Exterior-Grade Plywood Horizon	-		SF	681		
2	Exterior-Grade Plywood Fastene	Self-drilling screws(100/pkt)		PKT	6.81		
3	Wall Shteathing (OSB)			SF	681		
4	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	6.81		
5	Wall Homewrap			SF	681		
	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	2.6		
6	Furring Strip			PCS	85.1		
7	Furring Strip Fastener	Self-drilling screws(100/pkt)		PKT	6.81		
8	Wall Paint			SF	681		
9	Stone Copping	Masonry stone		SF	2		
10	Stone Veneer	Masonry stone		SF	60		
11	Mortar for Stone Veneer			SF	60		
12	Wall Insulation			SF	906		



			WALLS: INTERIOR 01				
	Item	Туре	Description, Manufacturer, SKU	Unit	quantity	Unit Price	Total
	BATHROOM			SF	273		
1	Cementitious Backer Board			SF	273		
2	Kerdi membrane			SF	273		
3	Kerdi membrane Fastener			SF	273		
4	Wall Ceramic Tile			SF	273		
	HALL	•		SF	122		
5	Drywall Board			SF	122		
6	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.22		
7	Wall Paint			SF	122		
8	Drywall Tape			FT	22.9		



			WALLS: INTERIOR 02			
#	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit	Price Total
	LIVING ROOM			SF	306	
1	Drywall Board			SF	306	
2	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.06	
3	Wall Paint			SF	306	
4	Drywall Tape			FT	57.4	
	KITCHEN			SF	159	
5	Cementitious Backer Board			SF	25	
6	Drywall Board			SF	159	
7	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.59	
8	Kerdi membrane			SF	25	
	Kerdi membrane Fastener			SF	25	
9	Wall Ceramic Tile			SF	25	
10	Wall Paint			SF	159	
11	Drywall Tape			FT	30.0	



		WALLS: INTERIOR 03			
Item	Туре	Description, Manufacturer, SKU	Unit	quantity Unit P	rice Total
WASHROOM			SF	95	
Cementitious Backer Board			SF	95	
Kerdi membrane			SF	95	
Kerdi membrane Fastener			SF	95	
Wall Ceramic Tile			SF	95	
WD			SF	75	
Cementitious Backer Board			SF	75	
Kerdi membrane			SF	75	
Kerdi membrane Fastener			SF	75	
Wall Ceramic Tile			SF	75	
WH			SF	74	
Drywall Board			SF	74	
Drywall Fastener	Self-drilling screws(100/pkt)				
Wall Paint			SF	74	
Drywall Tape			FT		
	WASHROOM Cementitious Backer Board Kerdi membrane Kerdi membrane Fastener Wall Ceramic Tile WD Cementitious Backer Board Kerdi membrane Kerdi membrane Wall Ceramic Tile WH Drywall Board Drywall Fastener Wall Paint	WASHROOM Cementitious Backer Board Kerdi membrane Kerdi membrane Fastener Wall Ceramic Tile WD Cementitious Backer Board Kerdi membrane Kerdi membrane Wall Ceramic Tile WH Drywall Board Drywall Fastener Self-drilling screws(100/pkt) Wall Paint	Item Type Description, Manufacturer, SKU WASHROOM Cementitious Backer Board Kerdi membrane Wall Ceramic Tile WD Cementitious Backer Board Kerdi membrane Wall Ceramic Tile WD Cementitious Backer Board Kerdi membrane Wall Ceramic Tile WH Drywall Fastener Self-drilling screws(100/pkt) Wall Paint	Item Type Description, Manufacturer, SKU Unit WASHROOM Cementitious Backer Board SF Kerdi membrane Kerdi membrane Fastener Wall Ceramic Tile SF WD Cementitious Backer Board SF Kerdi membrane SF WBI Ceramic Tile SF WD Cementitious Backer Board SF Kerdi membrane SF Kerdi membrane SF Kerdi membrane SF Kerdi membrane SF FE Wall Ceramic Tile SF Torywall Fastener SF Drywall Fastener Self-drilling screws(100/pkt) PKT Wall Paint SF	Item



			WALLS: INTERIOR 03			
	Item	Туре	Description, Manufacturer, SKU	Unit	quantity Ur	nit Price Total
1	Wall Sweep			FT	54	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						



			DOORS			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Pr	ce Total
1	Interior Swinging	3' - 0" X 6'-8"		PCS	1	
2	Interior Swinging	2' - 0" X 6'-8"		PCS	1	
3	Front Door With Sidelight	5' - 5" X 6'-11 1/2"		PCS	1	
4	Interior Sliding	5' - 0" X 6'-8"		PCS	1	
5	Patio Sliding	5' - 0" X 6'-8"		PCS	1	
6						
7						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						



			WINDOWS		
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity Unit Price Total
1	Single Hung	3' - 3" X 4'-3"		PCS	1
2	Single Hung	3' - 3" X 3'-3"		PCS	2
3	Sliding	5' - 3" X 3'-3"		PCS	1
4	Sliding	3' - 3" X 2'-3"		PCS	2
5	Casement	2' - 3" X 3'-3"		PCS	1
6	Fixed	1' - 6" X 1'-6"		PCS	1
7	Fixed	1' - 0" X 1'-0"		PCS	1
8					
9					



			LIGHTING FIXTURES				
#	Lighting	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Ceiling Light			PCS	5		
2	Exterior Wall Mounted Light			PCS	4		
3	Livingroom Ceiling Light With Fan			PCS	1		
ı	Bedroom Ceiling Light With Fan			PCS	0		
5	Dining Ceiling Light			PCS	0		
ò	Bath Wall Mounted Light			PCS	2		
,	Bathroom Ceiling Light			PCS	2		
3	Livingroom Ceiling Light			PCS	4		
)	Hall & Entry Ceiling Light			PCS	2		
LO	Smoke Detector			PCS	0		



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



			ELECTRICAL CONDUITS & WIRING				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ROMEX 14 AWG	14/2/W/ground		FT	177.3		
2	ROMEX 12 AWG	12/2/W/ground		FT	119		
3	Romex 10 AWG	10/2/W/ground		FT	74.4		
4		10/3/W/ground		FT	82.13		
5	ROMEX 8 AWG	8/3/W/ground		FT	29.02		
6	ROMEX 6 AWG	6/3/W/ground		FT	29.68		
7	Bare Copper Ground Wire 6 AWG						



			ELECTRICAL BOXES & CIRCUTES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Lightind and Appliance panelboard -240V 1 PHASE	200 AMP		PCS	1		
2	Circuit breaker	15 A		PCS	5		
3	Circuit breaker	20 A		PCS	4		
4	Circuit breaker	30 A		PCS	3		
5	Circuit breaker	40 A		PCS	1		
6	Circuit breaker	60 A		PCS	1		
7	Single Gang Switch Box			PCS	2		
8	Double Gang Switch Box			PCS	1		
9	Triple Gang Switch Box			PCS	3		
10	Pull Box	#1/4		PCS	14		
11	Receptacle Box			PCS	22		

HVAC BOM



			HVAC_DUCTS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	0.46		
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)		FT	32.41		
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)		FT	0.45		
4	PIPE (REFRIGERANT LINE)	5/8" (Ø)		FT	38.18		
5	DRAYER HOSE	4" (Ø)		FT	4.3		
6	FLEX DUCT ROUND	4" (Ø)		FT	5.58		
7							
8							
9							
10							
11							
12							
13							
14							
15							
L6							

HVAC BOM



DUCT FITTINGS & ACCESSORIES								
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total	
1	ELBOW (REFRIGERANT	1/2" (Ø)-1/2" (Ø)		PCS	1			
2	ELBOW (REFRIGERANT	1/4" (Ø)-1/4" (Ø)		PCS	1			
3	ELBOW (REFRIGERANT	3/4" (Ø)-3/4" (Ø)		PCS	10			
l	ELBOW (REFRIGERANT	3/8" (Ø)-3/8" (Ø)		PCS	7			
5	TRANSITION (REERIGERANT LINE)	3/4" (Ø)-1/2" (Ø)		PCS	2			
5	TRANSITION (REERIGERANT LINE)	3/4" (Ø)-3/8" (Ø)		PCS	1			
,	TRANSITION (REERIGERANT LINE)	3/8" (Ø)-1/4" (Ø)		PCS	1			
3	ROUND TRANSITION(ANGLE)	45 DEGREE		PCS	5			
9	TO THE TOTAL PROPERTY OF THE TOTAL PROPERTY							
LO								
1								
L2								
13								
L4								
L5								
L 6								

HVAC BOM



			HVAC_EQUIPMENTS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	AIR HANDLING UNIT	WALL MOUNTED		PCS	1		
)	CONDENSER	OUTDOOR UNIT		PCS	1		
}	EXHAUST FAN	75 CFM		PCS	1		
1	EXHAUST HOOD	WALL MOUNTED		PCS	1		
5	HOOD-WALL: VENT	HOOD-WALL: VENT		PCS	1		
5	DRAYER: VENT	DRAYER: VENT		PCS	1		
7	ROOF VENT	3"(Ø)		PCS	1		
8							
9							
10							
11							
12							
13							
14							
15							
16							



		PLUMBING FIXTURES & ACCESSORIES	5		
#	Item Type	Description, Manufacturer, SKU	Unit	Quantity Unit Price	e Total
1	Bath Tub (Alcove Tub)		PCS	2	
2	Kitchen Sink		PCS	1	
3	Kitchen faucets		PCS	1	
1	Vanity Sink		PCS	5	
5	Bath room faucets		PCS	5	
5	Water Closet		PCS	3	
7	Shower Trim		PCS	0	
8	Shower Tray		PCS	0	
9	Water Heater		PCS	1	
10	Hose Bib		PCS	2	
l1	Shutoff Valve		PCS	8	
L2	Hanging pipe clamp		PCS	8	
13	Globe Valve		PCS	1	
L4	Dishwasher Supply Single Connector		PCS	1	
15	Dishwasher Sewage Single Connector		PCS	1	
16	Laundry Sweat Connector		PCS	1	
17	Laundry Sink		PCS	0	



			SANITARY & PLUMBING PIPES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS (Acrylonitrile Butadiene	ø 1"					
	Styrene) Pipes			FT	0		
2	ABS (Acrylonitrile Butadiene	ø 1 1/2"					
	Styrene) Pipes			FT	22		
3	ABS (Acrylonitrile Butadiene	ø 2"					
	Styrene) Pipes			FT	46		
4	ABS (Acrylonitrile Butadiene	ø 3"					
	Styrene) Pipes			FT	6		
5	,	ø 1/2"					
	polvethylene) Pipes			FT	89		
6		ø 3/4"			200		
	polvethylene) Pipes			FT	38		
7	,	ø 1"		l _{CT}			
	polvethylene) Pipes			FT	0		
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"		FT	0		
9	PVC Pipes Sch.80 - Rigid	ø 2"		FT	37		
10	PVC Pipes Sch.80 - Rigid	ø 3"		FT	0		
11	Flex Pipe Round	ø 1/2"		FT	8		
12	Flex Pipe Round	ø 3/4"		FT	0		
13	Flex Pipe Round	ø 1"		FT	0		
14							
15							



			PIPE FITTINGS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	19		
2	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	1		
3	PEX Cross Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	1		
1	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	3		
5	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	4		
5	PEX Transition Elbow	1"ø-3/4"ø		PCS	2		
7	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	6		
3	PEX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	13		
)	PEX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	3		
10	PEX Cross Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	1		
11	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	2		
12	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	1		
13	PEX Transition Elbow	3/4"ø-1/2"ø		PCS	4		
L4	PVC 90 Deg Bend Elbow	2"ø-2"ø		PCS	15		
15	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø		PCS	1		



			PIPE FITTINGS 02	PIPE FITTINGS 02								
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total					
1	ABS 90 Degree Bend Elbow	2"ø-2"ø		PCS	3							
2	ABS 90 Degree Bend Elbow	3"ø-3"ø		PCS	1							
3	ABS Bend Long Sweep Elbow	2"ø-2"ø		PCS	2							
1	ABS P-Trap	1 1/2"ø-1 1/2"ø		PCS	4							
5	ABS P-Trap	2"Ø-2"Ø		PCS	1							
5	ABS Reducer Elbow	2"ø-1 1/2"ø		PCS	3							
7	ABS Reducer Elbow	3"Ø-2"Ø		PCS	2							
8	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø		PCS	2							
)	ABS TEE Elbow	2"ø-2"ø-2"ø		PCS	1							
LO	ABS TEE Elbow	3"ø-3"ø-3"ø		PCS	2							
l1	ABS Tee Reducer Elbow	2"ø-2"ø-2"ø		PCS	1							
12	ABS Trap P	2"ø-2"ø		PCS	1							
13	ABS Vent Cap Elbow	2"ø		PCS	1							
14	ABS WASTE DOUBLE TEE	2"ø-2"ø-2"ø		PCS	1							
15	ABS Wye Combination with 8th Bend Flbow	2"ø-2"ø-2"ø		PCS	1							
16	OIII DEHU EIDUW											



	PIPE FITTINGS 03									
#		Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total			
1	ABS Wye Combination with 8th Bend Elbow	3"ø-3"ø-1 1/2"ø		PCS	1					
2	ABS Wye Combination with 8th Bend Elbow			PCS	1					
}	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø		PCS	1					
4	ABS Tee Reducer Elbow	2"ø-2"ø-1 1/2"ø		PCS	1					
5	ABS Vent Cap Elbow	1 1/2"ø		PCS	1					
6	ABS Vent Cap Elbow	2"ø		PCS	2					
7										
3										
9										
10										
11										
12										
13										
14										
15										