

## BENNETT

The Bennett is a stylish and efficient 398 square foot modern studio home. Its exterior features light-colored vertical siding, creating a sense of height and a contemporary look. The slightly angled roofline, with its clean edge, adds a touch of architectural interest and reinforces the modern design. A simple covered porch, supported by slender wooden posts, provides a welcoming entrance and a small outdoor space.

Inside, the Bennett boasts a simple rectangular floor plan designed for open-concept living. The living, kitchen, dining, and sleeping areas are seamlessly merged into a single large open space at the front of the house, maximizing the feeling of spaciousness. All functional spaces, such as the bathroom, laundry, and mechanical closets, are thoughtfully tucked away at the back of the home, creating a clean and uncluttered living area. This layout prioritizes convenience and efficiency, making the Bennett an ideal choice for those seeking a modern and minimalist lifestyle.

### Materials Shopping List

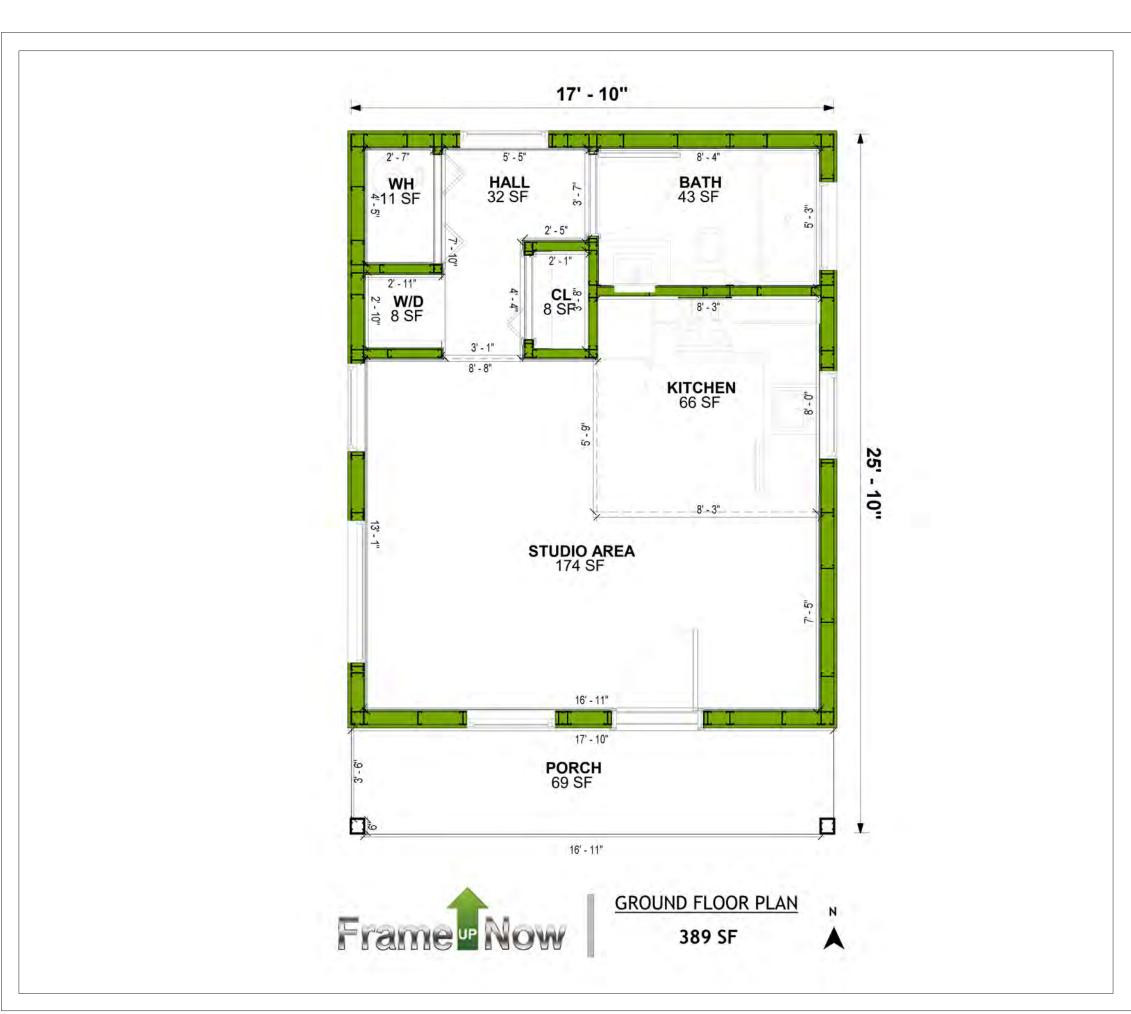
Please print and take this Materials Shopping List to your favorite Home Depot and ask for assistance in selecting the materials, fixtures and fittings to complete your new home.

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

### < CLICK HERE >

To Go To Materials Shopping List





## **FLOOR PLAN**

389 SF

Studio

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**DISCLAIMER** 

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## **ABOUT**



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

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

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



**KEY PLAN** 

NO.	DESCRIPTION	DAIL

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio-Modern-550

DRAWING NAME

## INTRODUCTION

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

**I101** 

SCALE:

## **DESCRIPTIONS**

## MATERIALS LIST

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

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

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

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

Dedicated Space for Details: Includes tables for customers to note Home Depot SKU numbers or product descriptions for selected items, facilitating seamless purchasing and coordination with suppliers.

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

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

**MECHANICAL** 

## STRUCTURAL

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

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

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

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

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

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

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

## ARCHITECTURAL

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

The architectural package includes:

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

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

Foundation Plan: Detailed plan to establish a solid foundation.

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

Architectural Elevations: Exterior views showcasing the design.

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

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

## **ELECTRICAL**

The mechanical package includes everything needed to guide HVAC

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

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

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

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

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

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

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

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

The plumbing package includes everything needed to guide the 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

Detailed Riser Diagrams: Provide information needed to properly

pipes to fixtures.

## **PLUMBING**

proper drainage.

install all vertical plumbing risers and vent stacks.

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

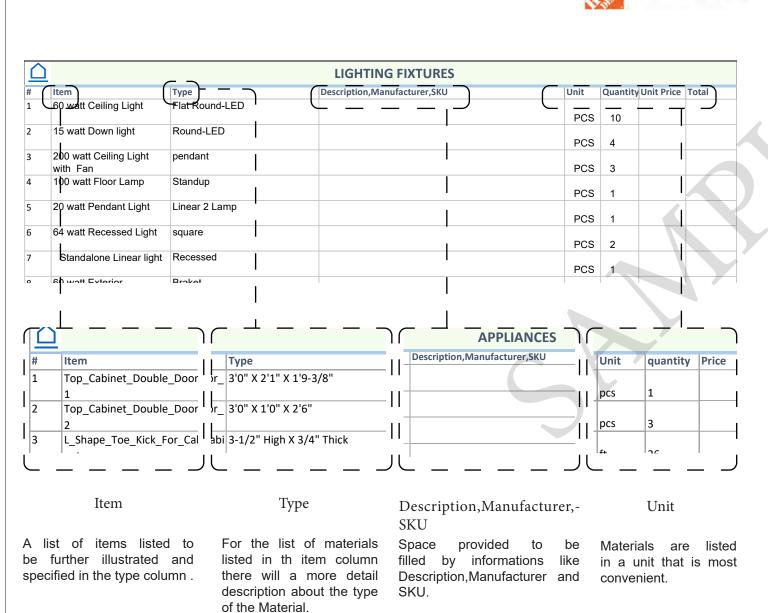
## BOM (Bill Of Materials) (Separately Attached)

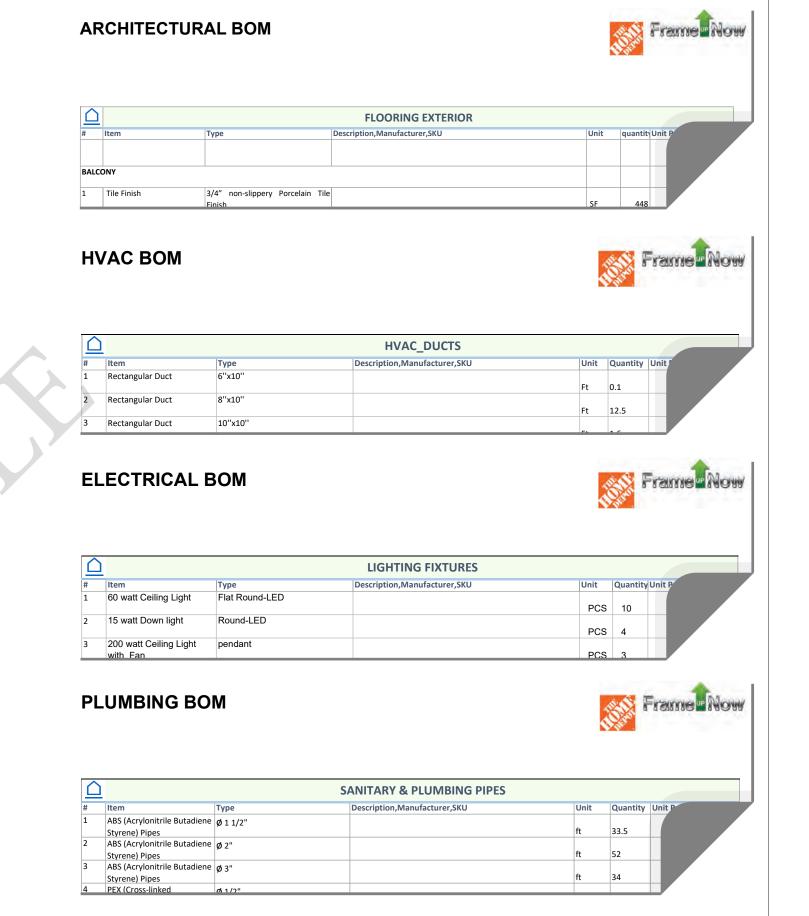


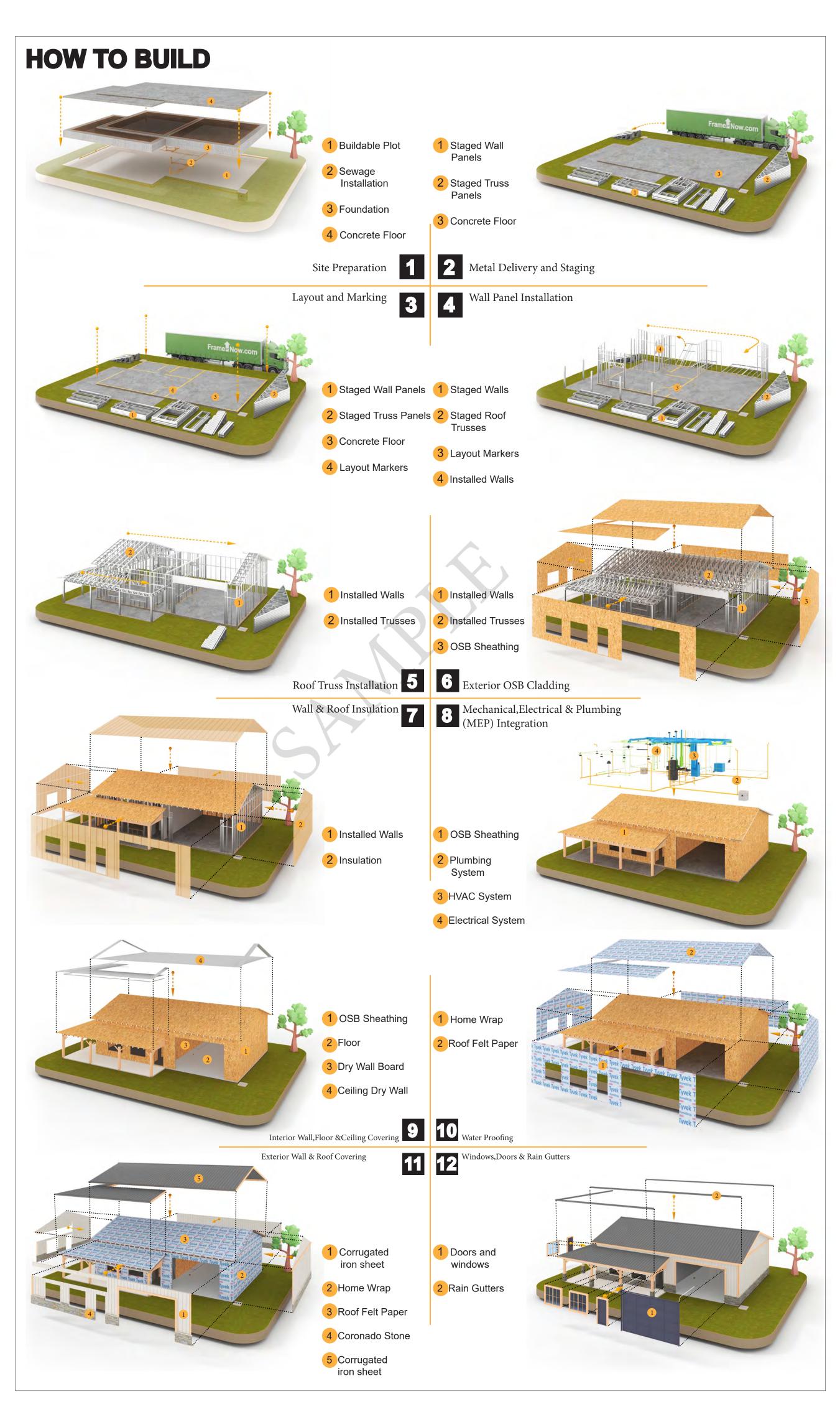
The Bill of Materials (BOM) is a crucial document that compiles the material requirements from different disciplines into a centralized inventory, enabling efficient procurement, inventory management, and cost estimation for a specified project or

**ELECTRICAL BOM** 











**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

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PROJECT

101-Bennett-389-Studio-Modern-550

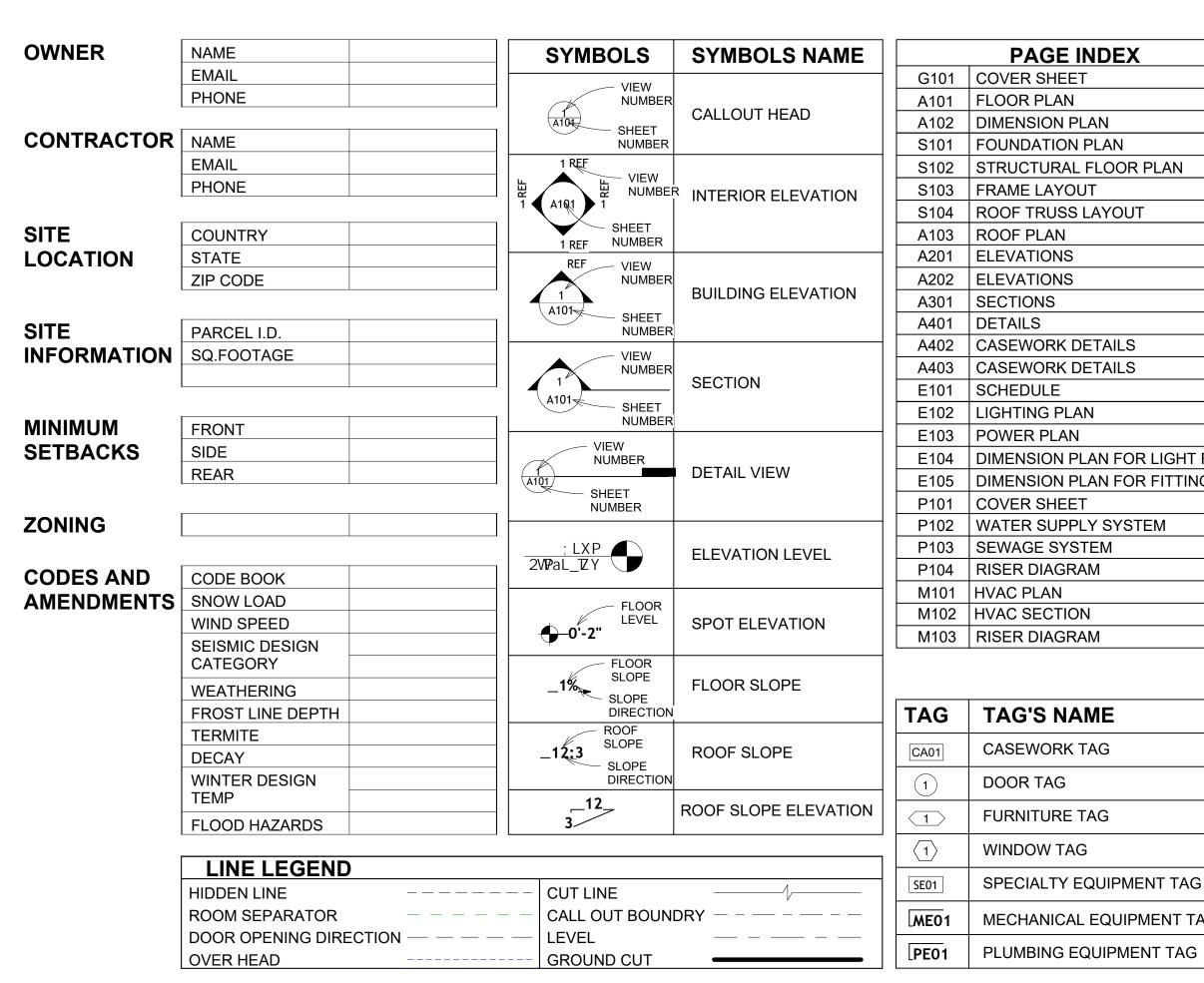
DRAWING NAME

## INTRODUCTION

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

1102

SCALE:



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CASEWORK TAG

**FURNITURE TAG** 

SPECIALTY EQUIPMENT TAG

MECHANICAL EQUIPMENT TAG

WINDOW TAG

DOOR TAG

01	OGOMINETEET
SIMP. STHD8	SIMPSON STRAP THE HOLDDOWN
SIMP. ABE66	SIMPSON ANCHOR BOLT EDGE
TV	TELEVISION
UNO	UNLESS NOTED OTHERWISE
W/	WITH
W/D	WASHER/DRYER
AC	AIR CONDITIONING UNIT
ACC	AIR COOLED CONDENSER
ACCU	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
HV	HEATING AND VENTILATING UNIT
IV	INLET VANES
MER	MECHANICAL ROOM
MAX.	MAXIMUM
MIN.	MINIMUM
R/A	RETURN AIR
RCU	RECIPROCATING CHILLER UNIT
RF	RETURN FAN
S/A	SUPPLY AIR
SCD	SMOKE CONTROL DAMPER
SP	STATIC PRESSURE

**ABBREVIATION** 

ASTM D698 | AMERICAN SOCIETY FOR

CASEWORK

ELECTRICAL

FOOTINGS

CODE

MAXIMUM

MINIMUM

NUMBER

ON CENTER

PLUMBING

REFERENCE

RIGHT GARAGE

SQUARE FEET

MECHANICAL

CONDITIONING

F.F.L

HVAC

MAX.

ME

O.C

ACTION FLOOR SYSTEMS

TESTING AND MATERIAL

FINISHED FLOOR LEVEL

FINISHED FLOOR ELEVATION

HEATING, VENTILATION & AIR

INTERNATIONAL RESIDENCE

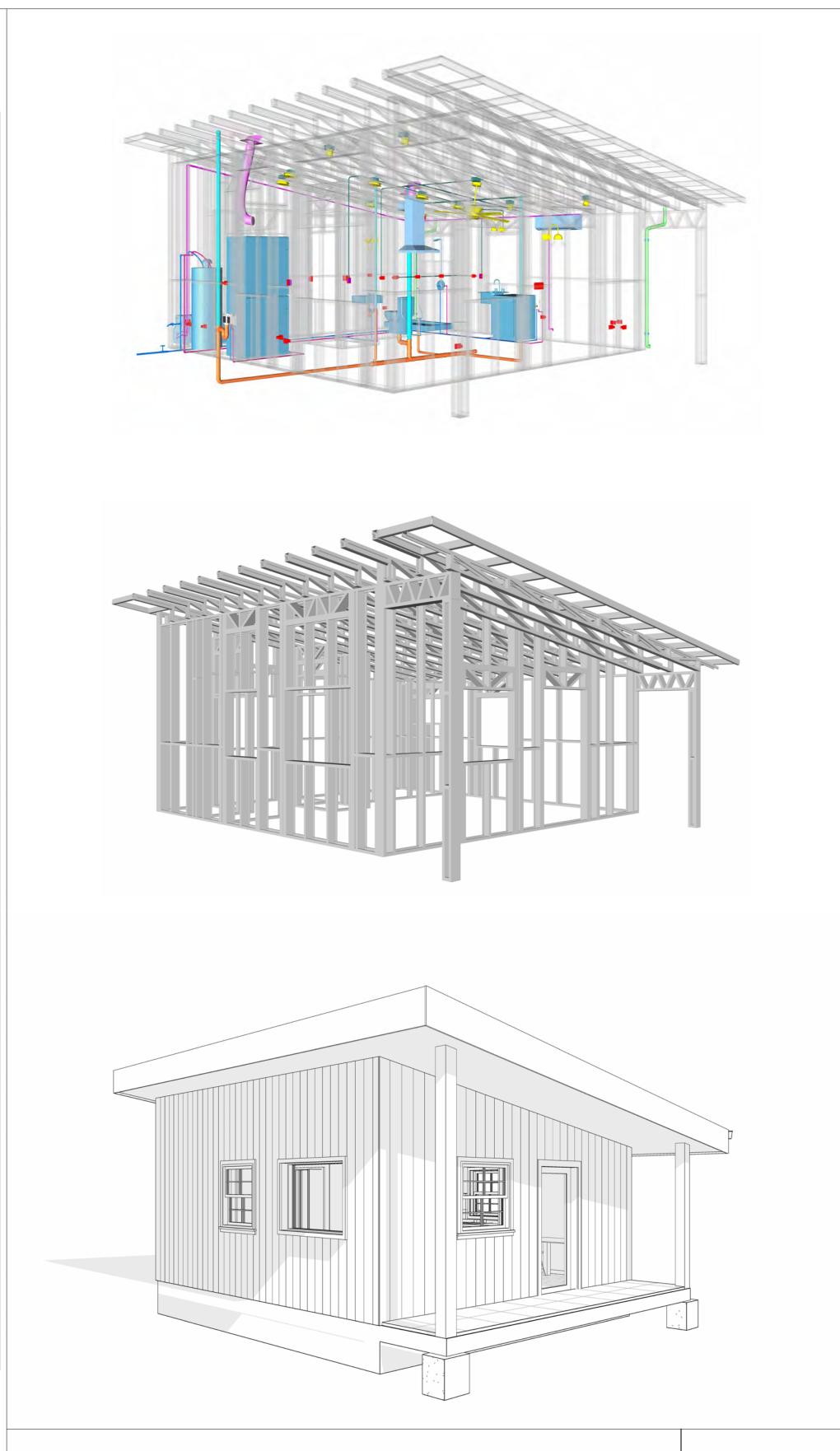
INTERNATIONAL MECHANICAL

ORIENTED STRAND BOARD

POUNDS PER SQUARE INCH

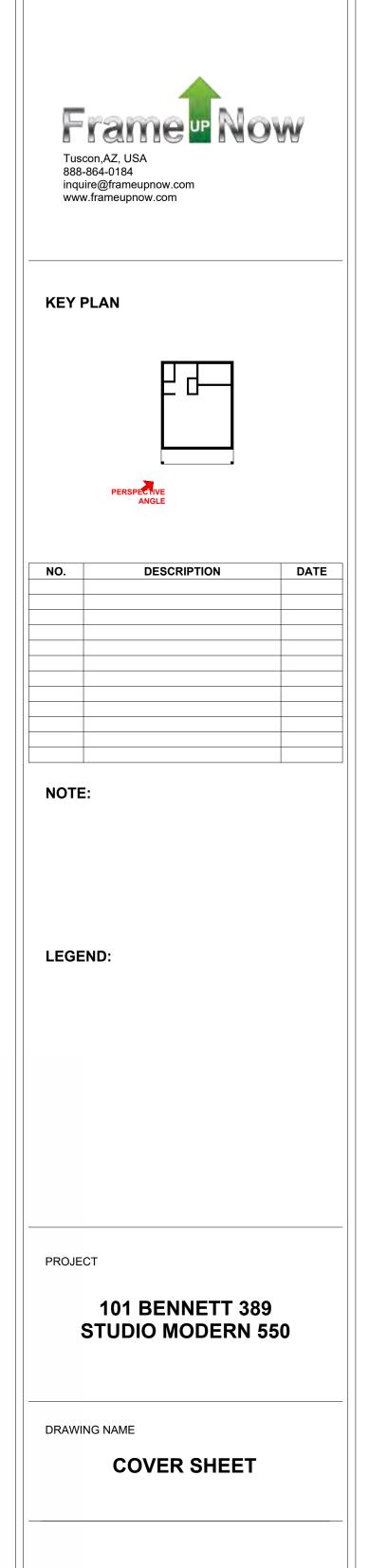
POLYVINYL CHLORIDE

SPECIAL EQUIPMENT



**101 BENNETT 389** STUDIO MODERN 550

SQUARE FOOT	AGE
LIVING	389
PORCH	72
TOTAL	461



**Client Name** PROJECT NUMBER: 3/10/2025 10:31:16 AM DESIGNED BY: CHECKED BY: Checker

#### **GENERAL NOTES**

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

#### **ABOUT WALLS:**

#### SHOWER WALL COVERING

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

#### 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. ADHESIVE

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

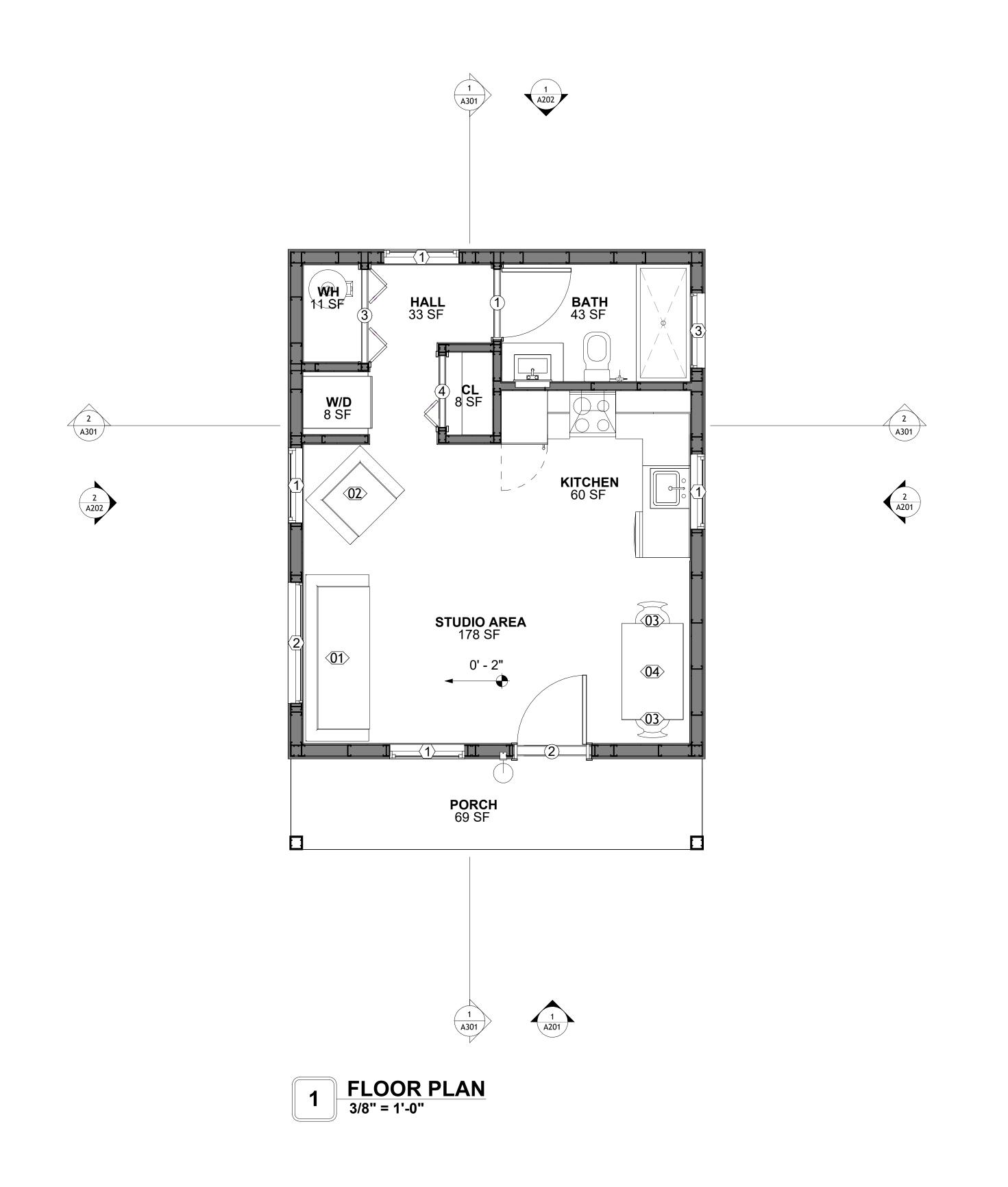
#### ABOUT FLOORS:

- 1. THE SPOT ELEVATION INDICATES THE FINISHED FLOOR ELEVATION.
- 2. FINISHED FLOORS PER PLANS.
- FIELD VERIFY FOR DIMENSION DROP 4" FOR SHOWER AND BATHTUB USE.

  1% SLOPE ON OUTDOOR BALCONIES FOR WATER RUN OFF.
- . 1% SLOPE ON OUTDOOK BALCONIES FOR WATER RUN OFF.
  2% SLOPE TOWARDS THE SHOWER DRAIN FOR SUFFICIENT DRAINAGE.
- 2% SLOPE TOWARDS THE SHOWER DRAIN FOR SUFFICIENT DRAINAGE.
  4" DROP AT THE DOOR LEADING TO EXTERIOR BALCONY FROM THE MAIN LIVING AREA.
- 5% SLOPE FOR GARAGE IS USED, WHICH SHOULD BE CHECKED WITH THE LOCAL GARAGING ZONING LAWS.

FURNITURE SCHEDULE					
TYPE MARK TYPE		COUNT			
01	THREE SEAT SOFA	1			
02	Lounge Chair	1			
03	DINING CHAIR	2			
04	25" X 60" Dining	1			

ROOM FINISH SCHEDULE							
ROOM NUMBE R	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	COM MEN TS
01	KITCHEN	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
02	STUDIO AREA	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
03	HALL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
04	BATH	VINYL TILES	CONCRETE	CERAMIC TILE	MRD	8' - 0"	
05	CL	HARDWOOD	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
06	W/D	VINYL TILES	CONCRETE	CERAMIC TILE	DRY WALL	8' - 0"	
07	WH	VINYL TILES	CONCRETE	WALL PAINT	DRY WALL	8' - 0"	
08	PORCH	PROCELAIN TII F	CONCRETE	EXTERIOR-GRADE	PLYWOOD	8' - 0"	





**KEY PLAN** 

NO.	DESCRIPTION	DATE
-		

NOTE:

LEGEND:

PROJECT

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

**FLOOR PLAN** 

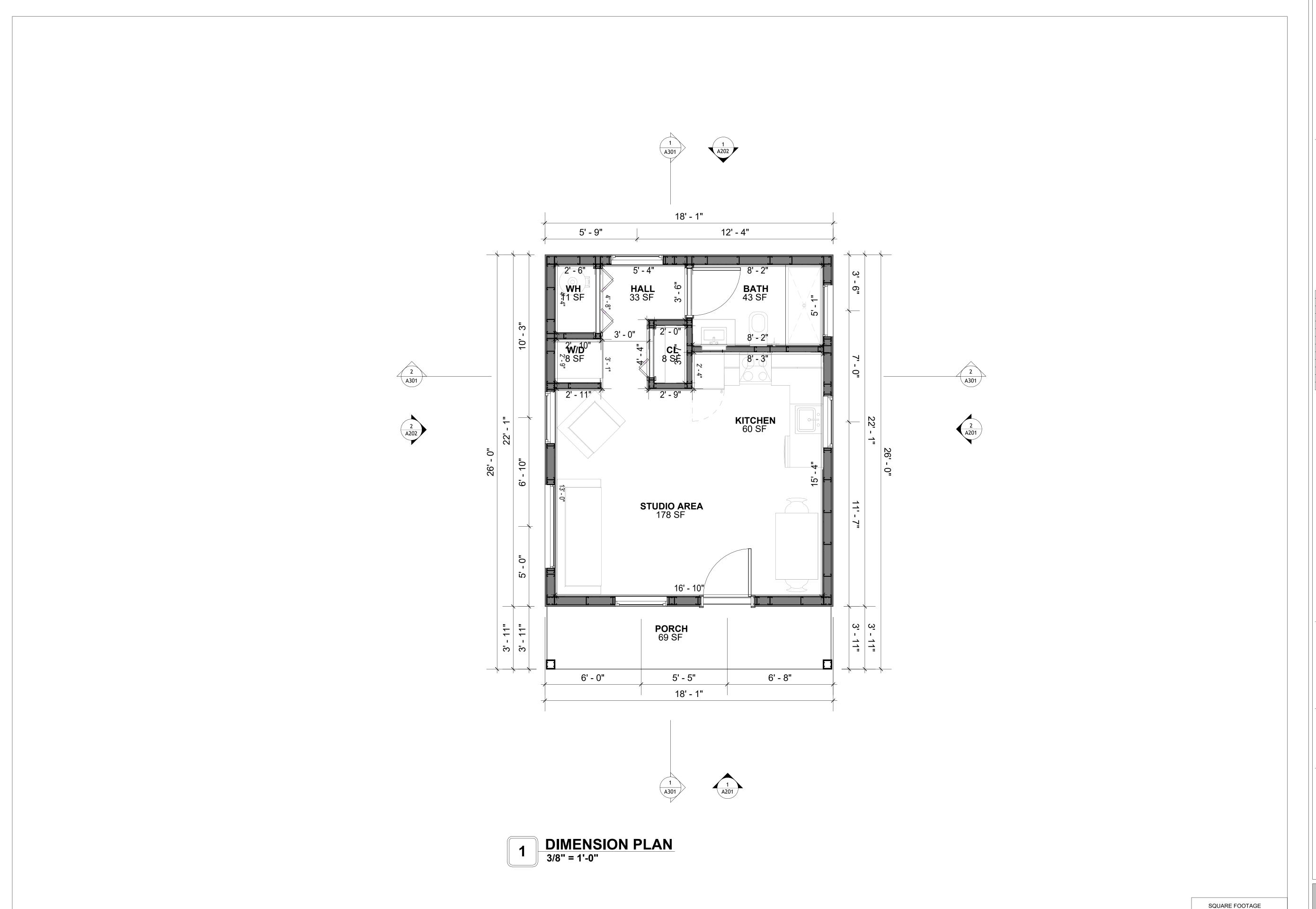
Client Name	CLIENT NAME:
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3/10/2025 10:31:17 AN	DATE:
Designer	DESIGNED BY:
Author	DRAWN BY:
Checker	CHECKED BY:

SQUARE FOOTAGE

LIVING 389

PORCH 72

TOTAL 461





**KEY PLAN** 

NO.	DESCRIPTION	DATE
	•	•

NOTE:

LEGEND:

PROJECT

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

**DIMENSION PLAN** 

	Client Name
	0061_12
3/10	0/2025 10:31:17 AM
	Designer
	Author
	Checker

A102

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

389

461

LIVING

PORCH

TOTAL

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

### **FOUNDATION NOTES**

NOTES:

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

#### 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:

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

FOLINDATION.

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

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.
 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.

CONCRETE FINISHES. PANEL RISER LOCATION - WHERE APPLICABLE.

3. UNDERSLAB MECHANICAL REQUIREMENTS.4. STEM WALL BLOCKOUTS.

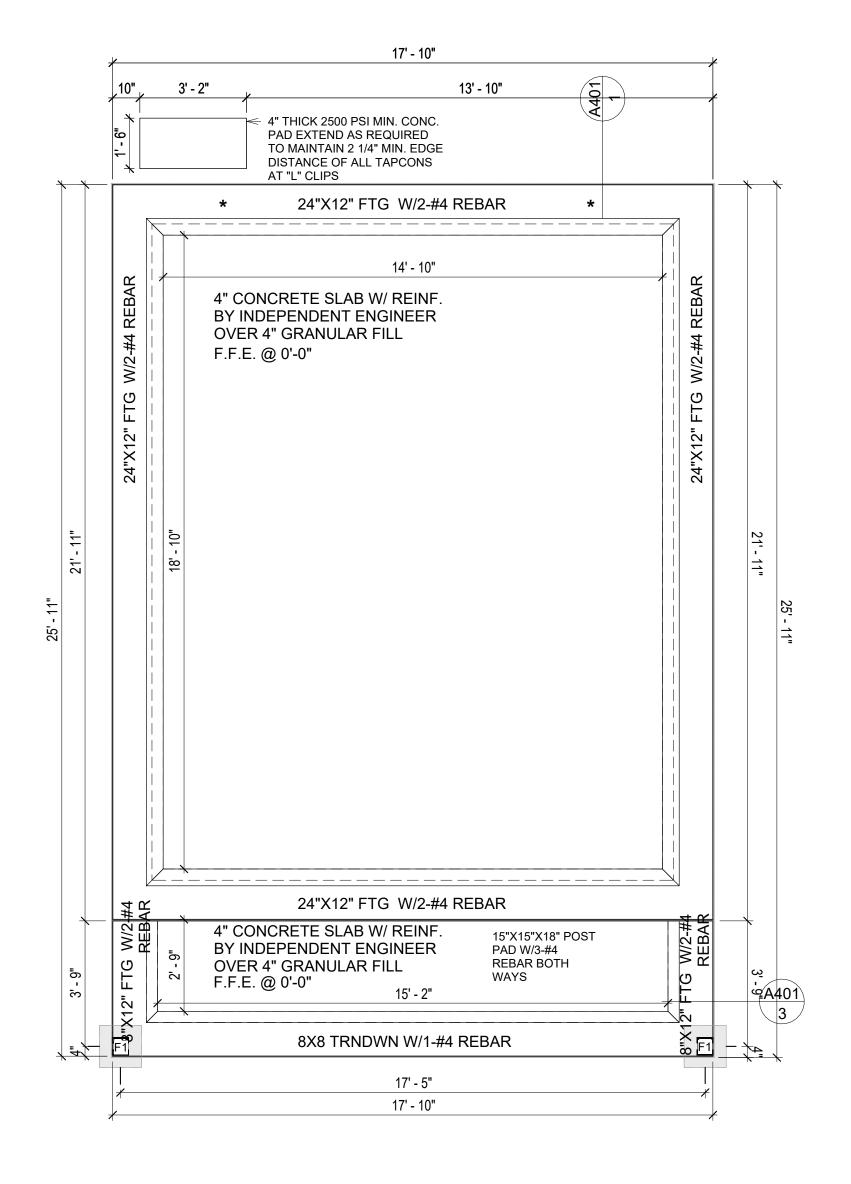
5. UNDERSLAB ELECTRICAL REQUIREMENTS AND PANEL RISER LOCATION. WHERE APPLICABLE.

6. PROVIDE THE FOLLOWING:

PVC SLEEVES THROUGH FTG IF REQUIRED
 20' #4 COPPER GROUND BAR.

7. SLOPE FINISH GRADE AWAY FROM FOOTING.

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



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



**KEY PLAN** 

DESCRIPTION	DATE
	DESCRIPTION

NOTE:

LEGEND:

PROJECT

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

**FOUNDATION PLAN** 

Client Name	CLIENT NAME:
0061_12	PROJECT NUMBER:
3/10/2025 10:31:18 AN	DATE:
Designer	DESIGNED BY:
Author	DRAWN BY:
Checker	CHECKED BY:

SQUARE FOOTAGE

LIVING 389

PORCH 72

TOTAL 461

**S101** 

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

### **GENERAL NOTES**

#### NOTES:

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

#### A) FOUNDATION PLAN NOTES:

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

2. TERMITE PROTECTION SHALL BE PROVIDED PER IRC SECTION R318.1
3. NONE TYPICAL ANCHOR BOLT SPACING AT SHEAR WALL AND HOLD DOWN SPECIFICATIONS PER APPROVED ARCHITECTURAL PLANS.

 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:

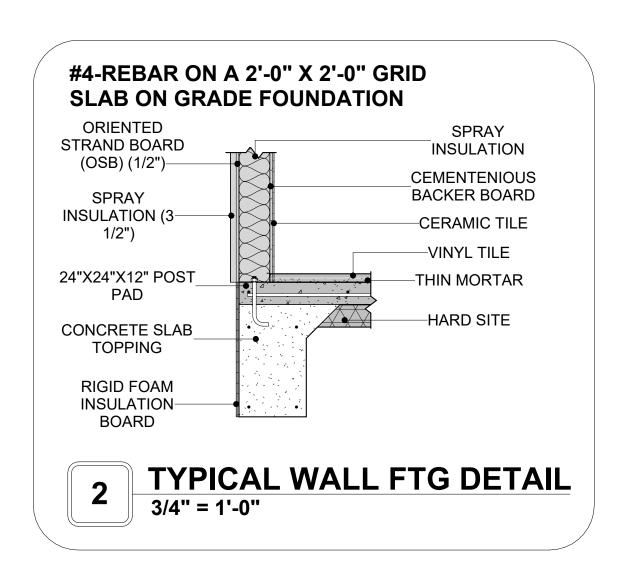
ALL REINFORCING SLABS BARS SIZE 10MM OR LARGER SHALL BE DEFORMED IN ACCORDANCE TO ASTM-A706, AND BARS SMALLER THAN 10 MM MAYBE PLAIN.
 UNLESS OTHERWISE NOTED IN PLANS, THE YIELD STRENGTH OF REINFORCING BARS SHALL BE:

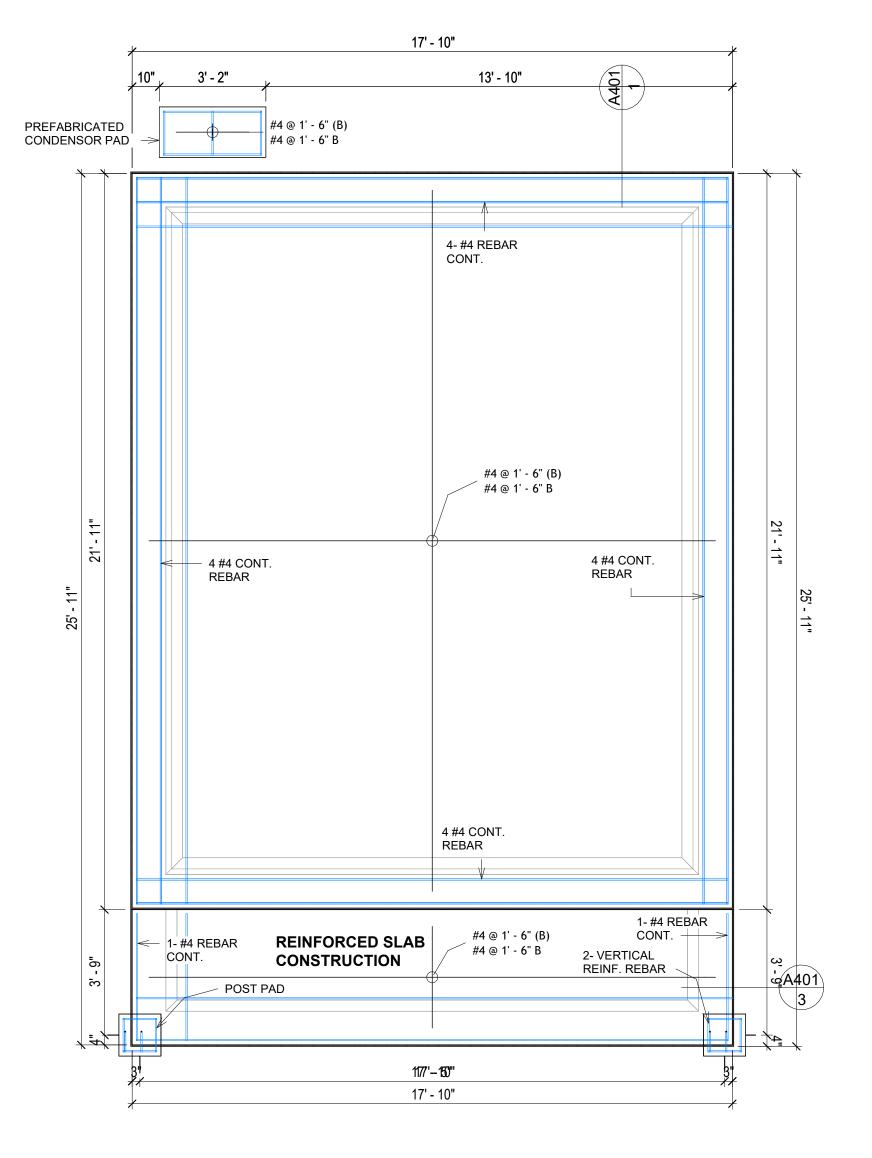
A) FOOTING = 40,000 PSI B) NON-LOAD BEARING WALLS AND PARAPETS= 40,000 PSI

- 3. SPLICES SHALL BE SECURELY WIRED TOGETHER AND SHALL LAP OR EXTEND
- 4. GRADE OF STEEL FOR RCC WORKS SHALL BE GRADE 4 10.
- 5. BAR NOTATIONS GIVES INFORMATION
  - A) BAR SIZE
    B) SPACING(IF REQUIRED)
- 6. LAP REINFORCEMENT ONLY AT LOCATION SHOWN IN THE DRAWINGS
- 7. REINFORCEMENT SHALL NOT BE CUT, VENT OR HEATED ON SITE WITHOUT ENGINEERS' APPROVAL.
- C) CONCRETE SLAB NOTES
- 1. ALL SLAB REINFORCEMENT SHALL BE 20MM CLEAR MINIMUM FROM BOTTOM AND FROM TOP OF SLAB.
- 2. REINFORCEMENT IN CONTINUOUS ELEVATED SLAB SHALL BE CUT AS FOLLOWS.

#### NOTE:

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









**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

STRUCTURAL FLOOR PLAN

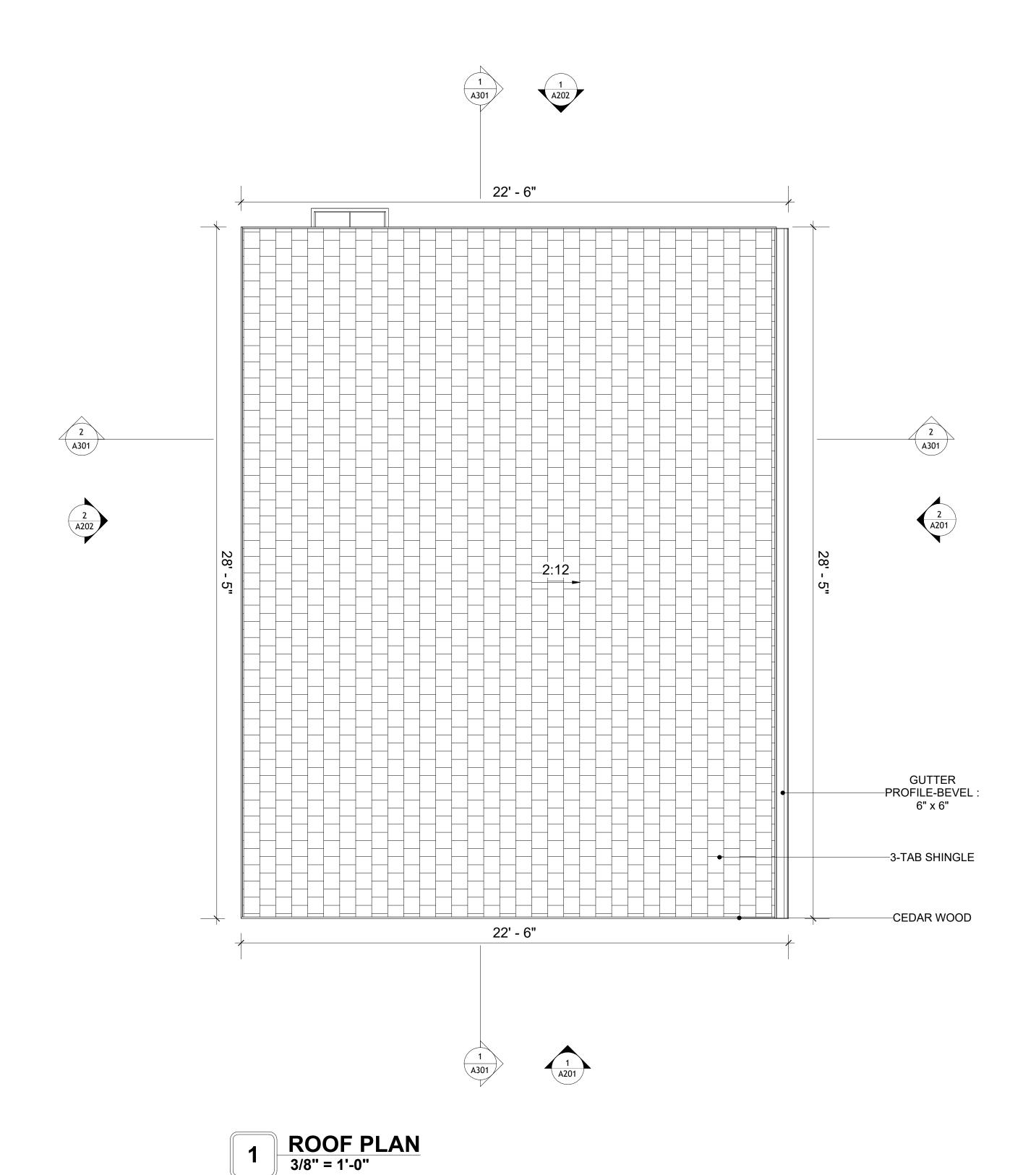
Client Name	CLIENT NAME:	
0061_12	PROJECT NUMBER:	
3/10/2025 10:31:18 AN	DATE:	
Designer	DESIGNED BY:	
Author	DRAWN BY:	
Checker	CHECKED BY:	

**S102** 

### **ROOF NOTES**

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





TOTAL

461



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJE

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

**ROOF PLAN** 

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	3/10/2025 10:31:20 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A103

### **ABOUT WALL FINISHING**

#### **BOARD AND BATTEN**

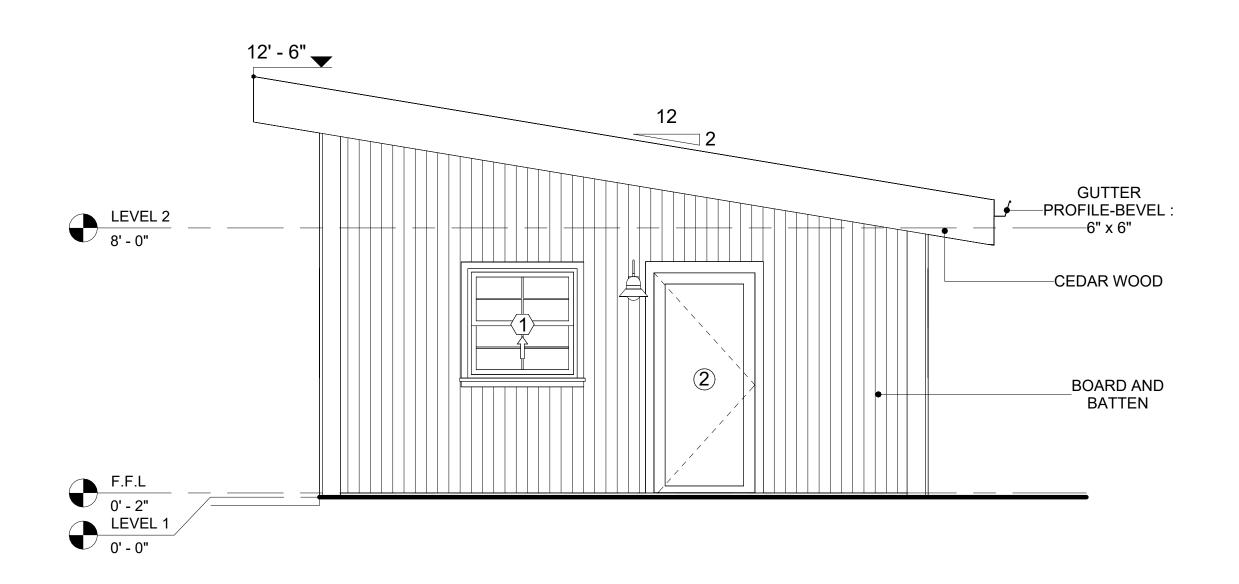
BOARD AND BATTEN REFERS TO A TYPE OF EXTERIOR SIDING THAT USES WIDE VERTICAL BOARDS JOINED BY NARROW STRIPS OF WOOD, CALLED BATTENS, THAT COVER THE SEAMS. THIS PROVIDES A DISTINCTIVE TEXTURED APPEARANCE AND IS KNOWN FOR ITS DURABILITY AND RUSTIC CHARM.

#### **CEDAR WOOD**

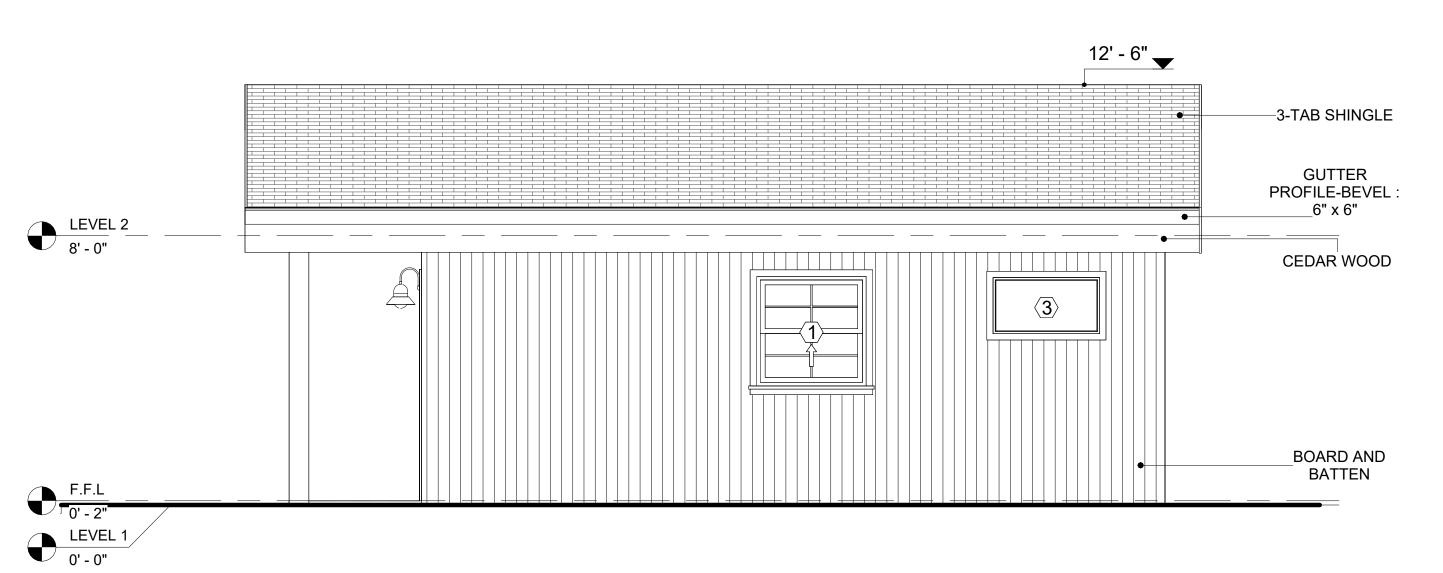
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS. IN THIS SPECIFIC PROJECT, CEDAR WOOD IS USED AS A FURRING STRIP AND A FINISH MATERIAL ON BEAMS AND COLUMNS.

CEDAR WOOD AS A FURRING STRIPS PROVIDE THERMAL INSULATION, MOISTURE MANAGEMENT, AND AN AESTHETICALLY PLEASING, VERSATILE FRAMING SOLUTION WHEN INTEGRATED WITH CORONADO STONE AND CORRUGATED IRON SHEET CLADDING.

THE VERTICAL CEDAR WOOD FURRING STRIPS ARE ATTACHED TO HOME WRAP USING CORROSION-RESISTANT FASTENERS (HOT DIP GALVANIZED SCREWS), ENSURING PROPER PENETRATION INTO THE WALL FRAMING.



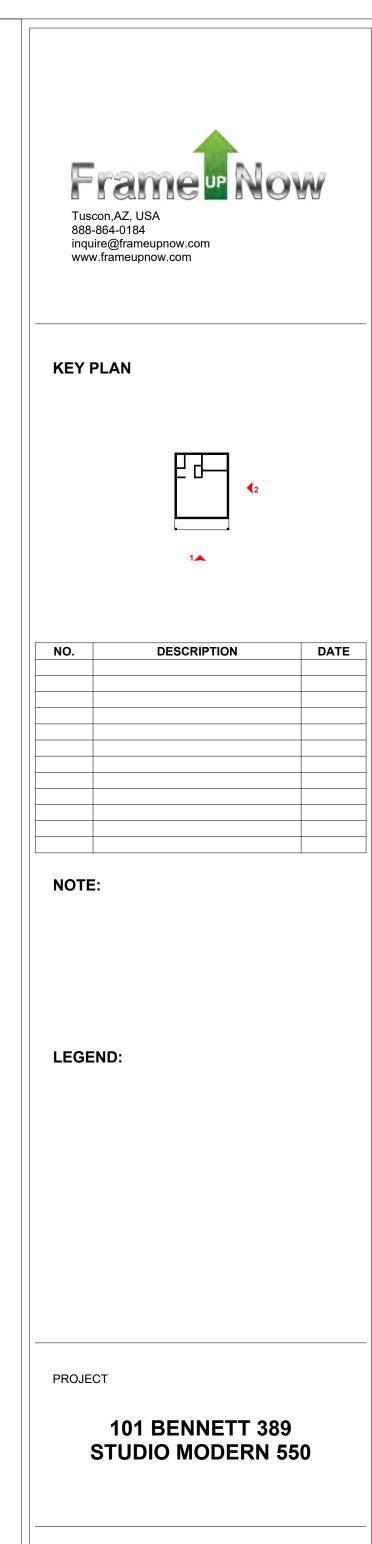
1 FRONT ELEVATION
3/8" = 1'-0"



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

		DOOR S	CHEDULE			
TYPE				5	SIZE	
MAR K	SUPPLIER	DOOR TYPE	LOCATIO	WIDTH	HEIGHT	COUNT
1	HOME DEPOT	Interior Single Panel Swinging	Interior	3' - 0"	6' - 8"	1
2	Home Depot	Exterior Single Panel Swinging	Interior	3' - 0"	6' - 8"	1
3	Home Depot	Door-Bifold_9052	Interior	4' - 0"	6' - 8"	1
4	HOME DEPOT	single fold 2	Interior	3' - 0"	6' - 8"	1

		WINDOW	SCHEDULE		
				SIZE	
TYPE MARK	SUPPLIER	WINDOW TYPE	WIDTH	HEIGHT	COUNT
			•		·
1	Home Depot	Single Hung	3' - 3"	3' - 3"	4
2	Home Depot	AWNING	5' - 3"	3' - 3"	1
3	Home Depot	AWNING	3' - 3"	1' - 9"	1



## ARCHITECTURAL ELEVATIONS

DRAWING NAME

Client Name	CLIENT NAME:
0061_12	PROJECT NUMBER:
3/10/2025 10:31:22 AM	DATE:
Designer	DESIGNED BY:
Author	DRAWN BY:
Checker	CHECKED BY:

### **ABOUT WALL FINISHING**

#### **BOARD AND BATTEN**

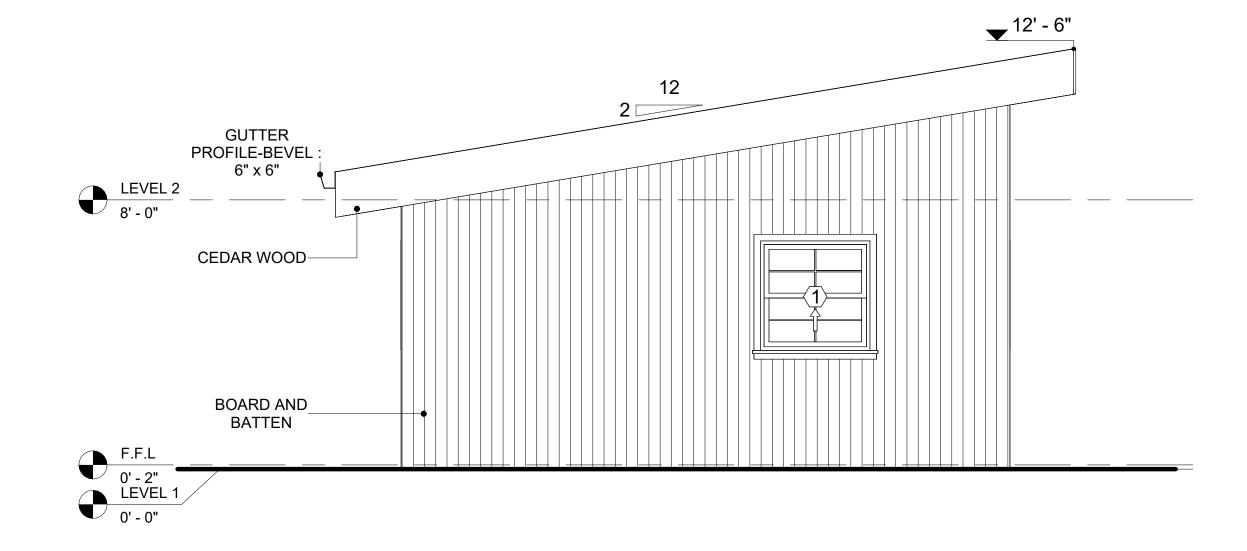
BOARD AND BATTEN REFERS TO A TYPE OF EXTERIOR SIDING THAT USES WIDE VERTICAL BOARDS JOINED BY NARROW STRIPS OF WOOD, CALLED BATTENS, THAT COVER THE SEAMS. THIS PROVIDES A DISTINCTIVE TEXTURED APPEARANCE AND IS KNOWN FOR ITS DURABILITY AND RUSTIC CHARM.

#### **CEDAR WOOD**

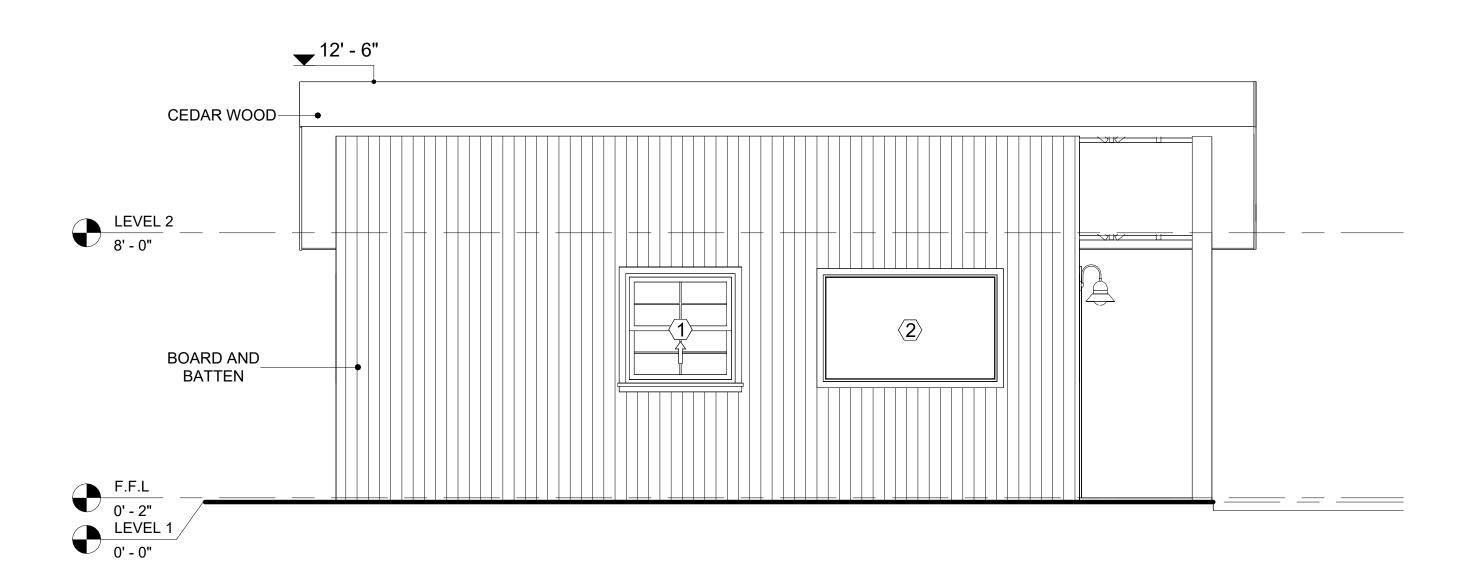
CEDAR WOOD REFERS TO THE WOOD FROM VARIOUS SPECIES OF CEDAR TREES, WHICH ARE CONIFEROUS EVERGREEN TREES KNOWN FOR THEIR DISTINCT AROMA AND NATURAL RESISTANCE TO DECAY AND INSECTS. IN THIS SPECIFIC PROJECT, CEDAR WOOD IS USED AS A FURRING STRIP AND A FINISH MATERIAL ON BEAMS AND COLUMNS.

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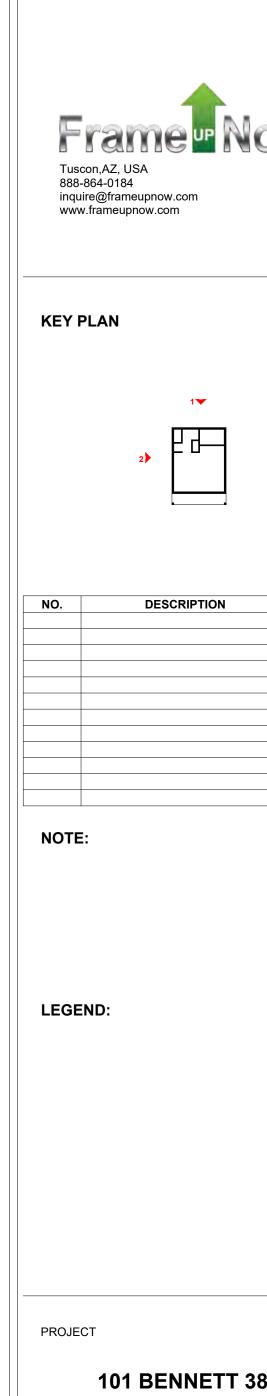
THE VERTICAL CEDAR WOOD FURRING STRIPS ARE ATTACHED TO HOME WRAP USING CORROSION-RESISTANT FASTENERS (HOT□DIP GALVANIZED SCREWS), ENSURING PROPER PENETRATION INTO THE WALL FRAMING.



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



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



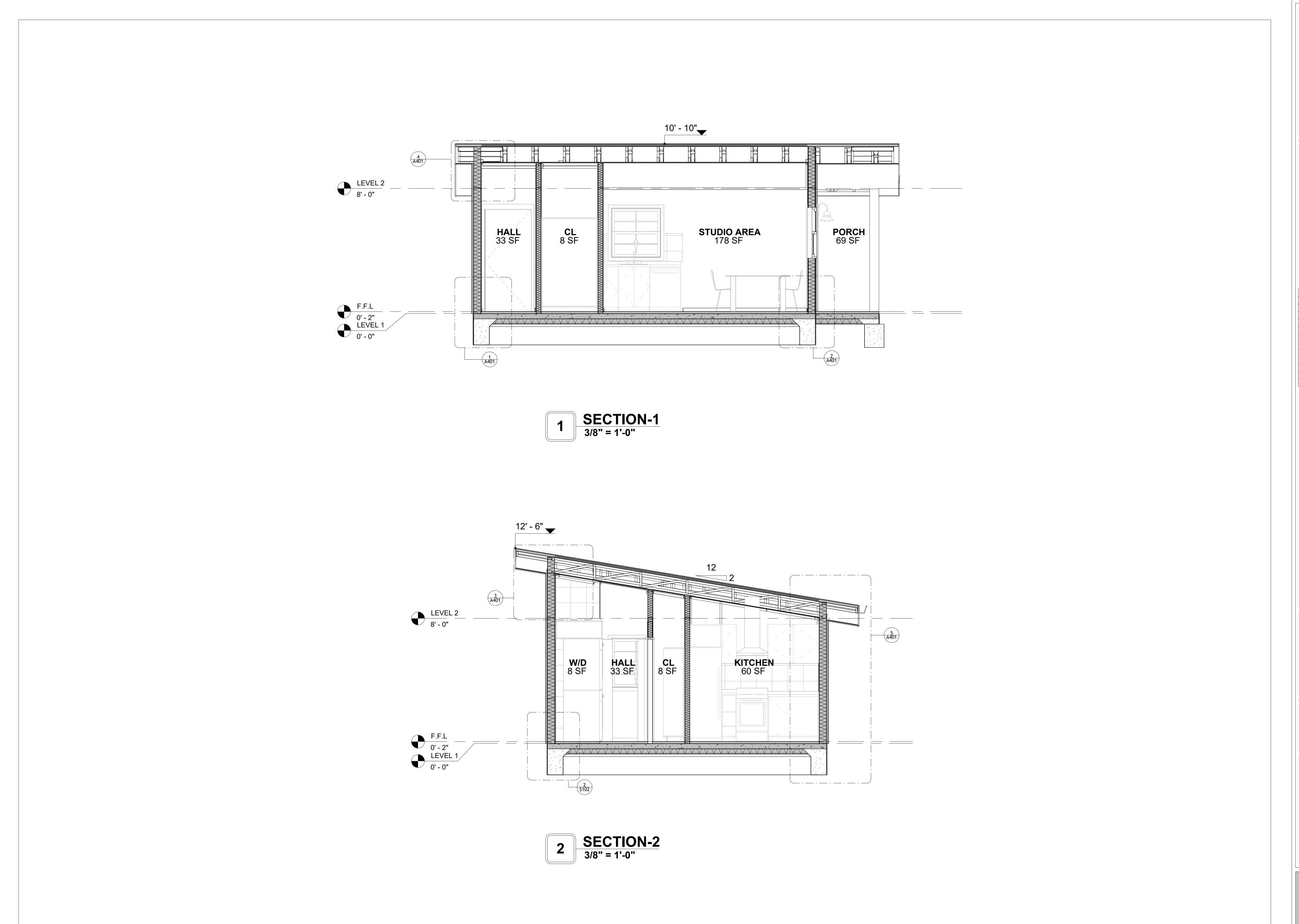
DATE

**101 BENNETT 389 STUDIO MODERN 550** 

DRAWING NAME

## **ARCHITECTURAL ELEVATIONS**

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	3/10/2025 10:31:23 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker





NO.	DESCRIPTION	DAT

NOTE:

LEGEND:

PROJECT

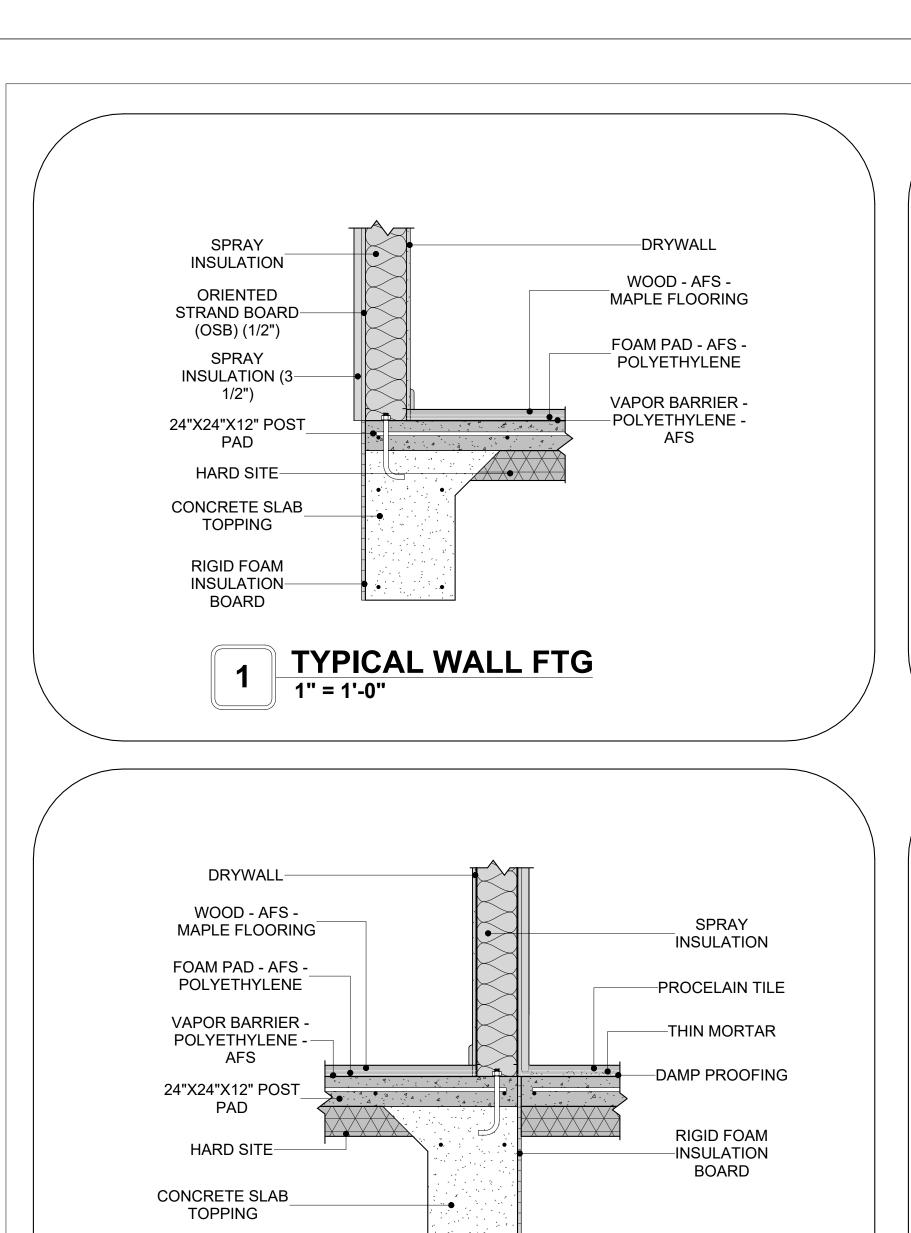
101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

## ARCHITECTURAL SECTIONS

CLIENT NAME:	Client Name
PROJECT NUMBER:	0061_12
DATE:	3/10/2025 10:31:24 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

A301



**TYPICAL WALL FTG 2** 

**ROOF ON WALL** 

\_Plywood, sheathing

MINERAL WOOL

CEDAR WOOD

—DRYWALL

CERAMIC TILE

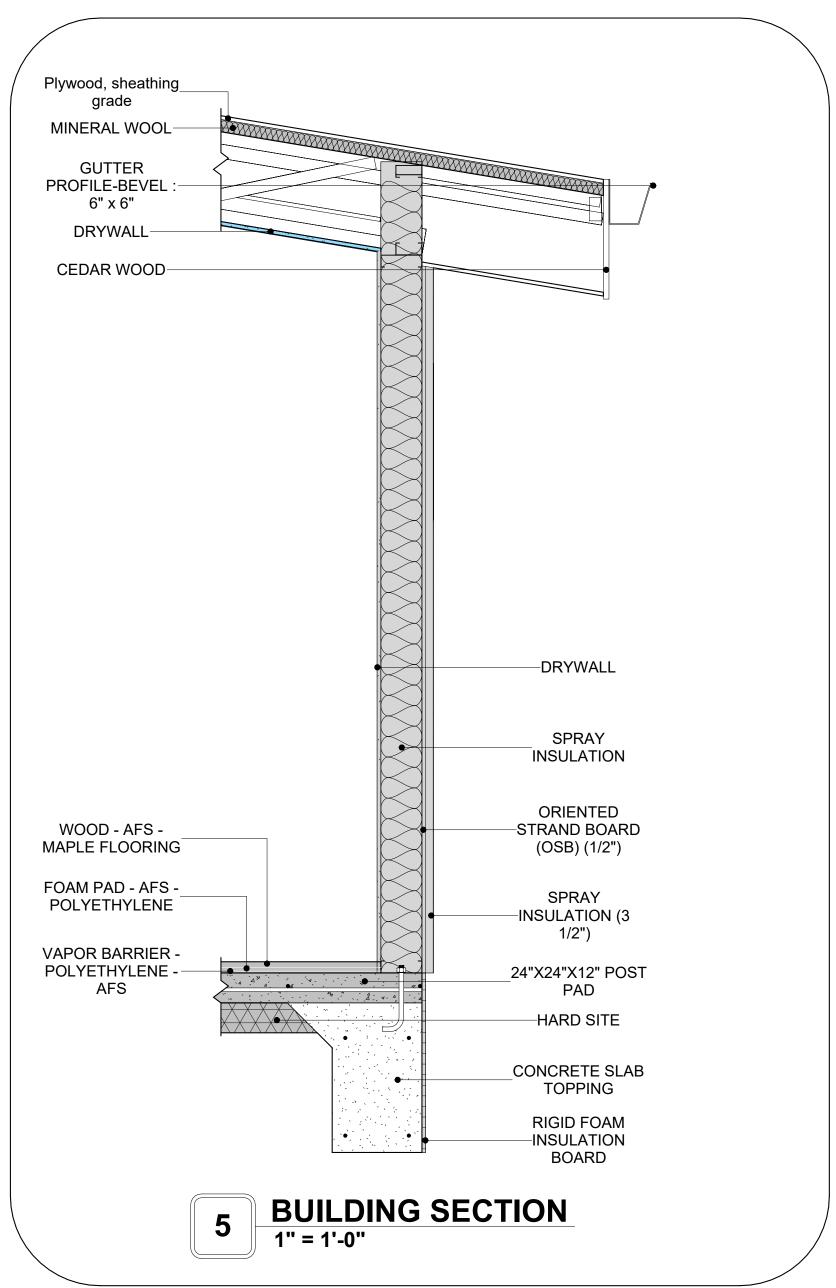
CEMENTENIOUS
BACKER BOARD

\_\_ SPRAY INSULATION

ORIENTED —STRAND BOARD

(OSB) (1/2") SPRAY

—INSULATION (3 1/2")



Plywood, sheathing

grade

CEDAR WOOD-

DRYWALL-

DRYWALL-

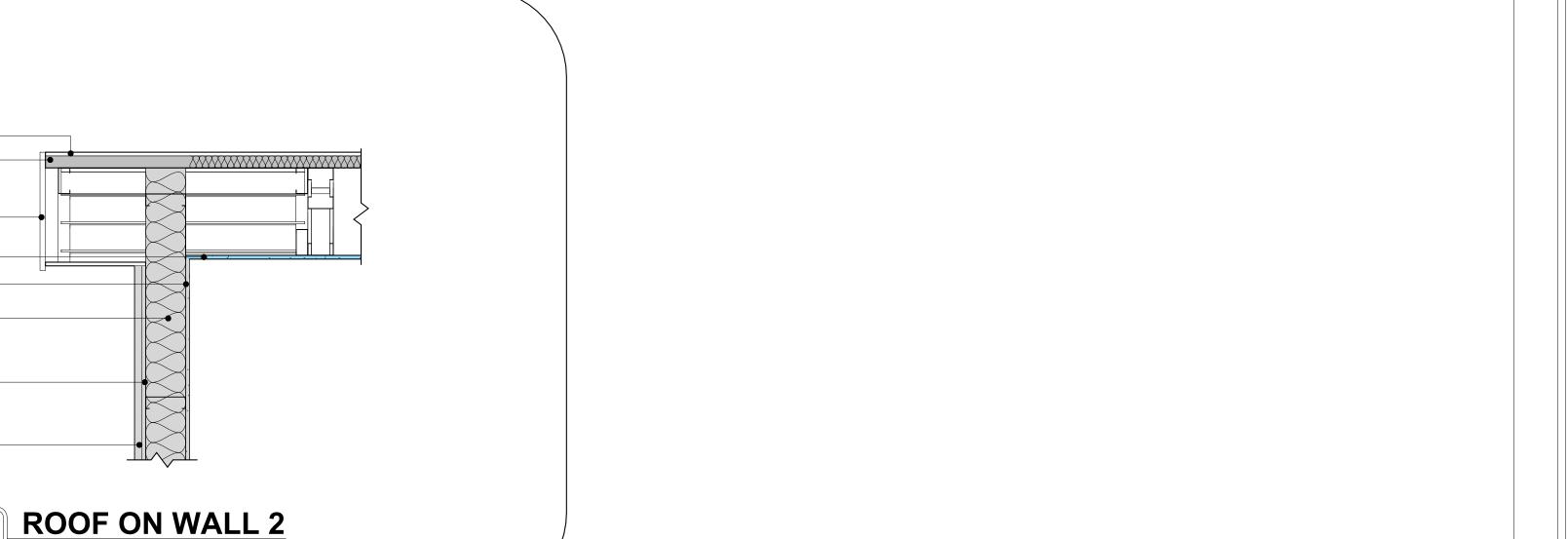
SPRAY INSULATION

ORIENTED

STRAND BOARD-(OSB) (1/2") SPRAY

INSULATION (3-

MINERAL WOOL





**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

ARCHITECTURAL DETAILS

Client Name	CLIENT NAME:	
0061_12	PROJECT NUMBER:	
3/10/2025 10:31:26 AM	DATE:	
Designer	DESIGNED BY:	
Author	DRAWN BY:	
Checker	CHECKED BY:	

A401

SCALE: 1"=1'-0"

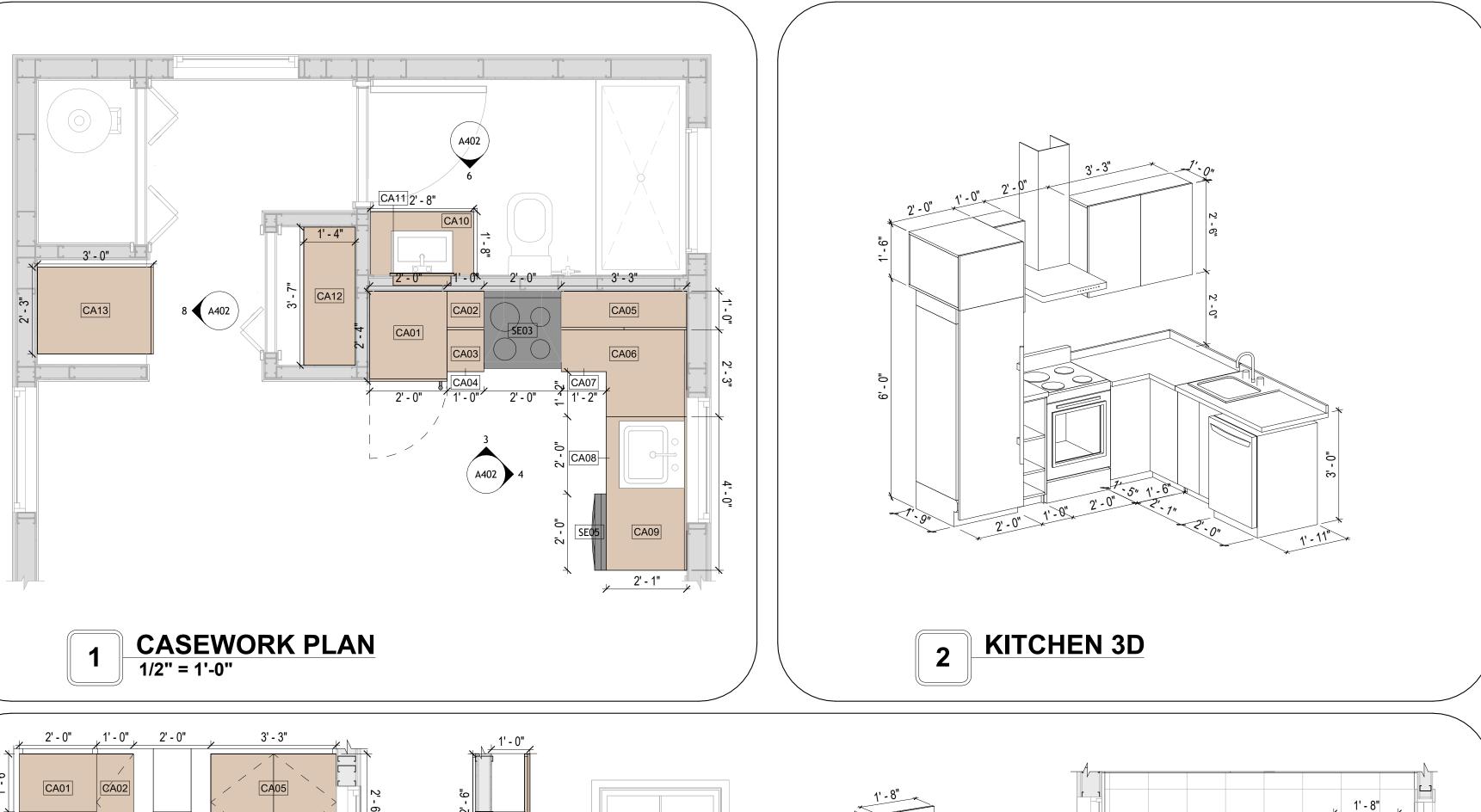
### **CASEWORK GENERAL NOTES**

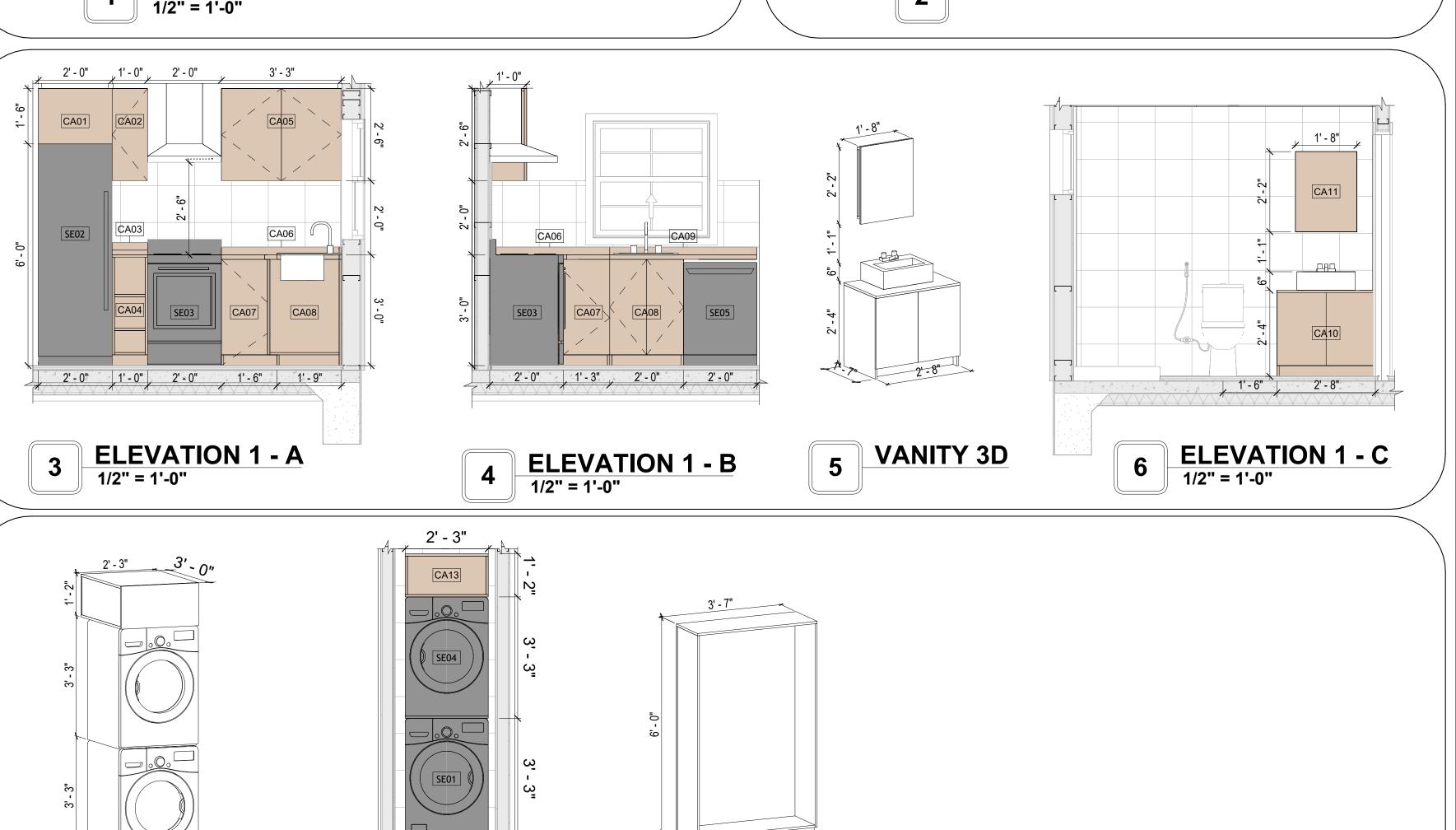
- ALL CABINET HEIGHTS INCLUDE COUNTERTOPS. DIMENSIONS ARE TO THE NEAREST INCH.
   DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE
- 2. DIVISIONS IN CASEWORK ARE SHOWN FOR CLARITY AND DO NOT REPRESENT BREAKS IN THE COUNTERTOP.
- 3. PROVIDE CONTINUOUS COUNTERTOP OVER ALL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

  7. ALL CABINETS AND DRAWERS TO HAVE CAM LOCKS EXCEPT FOR SINK BASE CABINETS.
- 8. ALL EXPOSED SURFACES (EXPOSED TO VIEW FROM ANY PERSPECTIVE) TO BE COVERED WITH
- 9. ALL CASEWORK WHICH MEETS A WALL AT ONE OR BOTH ENDS, TO BE PROVIDED WITH FILLER PANELS AND SCRIBED TO THE WALL(S) AS REQUIRED.
- 10. ALL CABINETS AND DRAWERS ARE PROVIDED WITH RECESSED HANDLES.
- 11. CONTRACTOR TO FIELD VERIFY ALL CLEAR OPENINGS PRIOR TO MILLWORK OR CASEWORK
- FABRICATION.
  12. CASEWORK DRAWINGS ARE DIAGRAMMATIC IN NATURE TO SHOW DESIGN INTENT.

	CASEWORK SCHEDULE					
TYPE MAR K	TYPE	COUN	HEIGHT	WIDTH	DEPTH	AREA
01	LAUNDRY OPEN CABINET	1	1' - 6"	2' - 0"	2' - 4"	3 SF
02	Wall Cabinet Single Door	1	2' - 6"	1' - 0"	1' - 0"	2 SF
03	Linear Counter Top	1	0' - 4"	1' - 0"	2' - 1"	0 SF
04	Base Filler 1	1	3' - 0"	1' - 0"	2' - 0"	3 SF
05	Wall_Cabinet_Double_Door	1	2' - 6"	3' - 3"	1' - 0"	8 SF
06	HD L-Shape Counter Top 1	1	0' - 4"	9' - 9"	4' - 2"	3 SF
07	Base_Cabinet_L-Shaped	1	2' - 11"	3' - 3"	3' - 3"	9 SF
08	Base Cabinet Double Door 1	1	2' - 11"	2' - 0"	2' - 0"	6 SF
09	HD_Linear_Counter_Top 3	1	0' - 4"	6' - 10"	2' - 1"	2 SF
10	VANITY 2	1	2' - 4"	2' - 8"	1' - 8"	6 SF
11	RECESSED_MED_CABINET	1	2' - 0"	1' - 6"	0' - 3"	3 SF
12	Closet 2	1	6' - 0"	3' - 7"	1' - 4"	21 SF
13	LAUNDRY OPEN CABINET 2	1	1' - 2"	2' - 3"	3' - 0"	3 SF
Grand t	otal	13				

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





9 CLOSET 3D

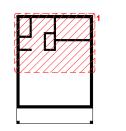
**ELEVATION 1 - D** 

1/2" = 1'-0"

**LAUNDRY 3D** 



**KEY PLAN** 



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

101 BENNETT 389 STUDIO MODERN 550

DRAWING NAME

ARCHITECTURAL CASEWORK

Client Name	CLIENT NAME:
0061_12	PROJECT NUMBER:
3/10/2025 10:31:27 AM	DATE:
Designer	DESIGNED BY:
Author	DRAWN BY:
Checker	CHECKED BY:

A402

#### **GENERAL NOTES**

T1. THIS DRAWING DEPICTS THE HVAC (HEATING, VENTILATION, AND AIR CONDITIONING) SYSTEM FOR THE BENNETT STUDIO MODERN . IT PROVIDES A VISUAL REPRESENTATION OF THE SYSTEM LAYOUT AND COMPONENTS.

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

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

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

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

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

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

8. THE LOCATION OF CONTROL PANELS AND SENSORS INDICATED ON THIS DRAWING CAN BEMODIFY with THE SPECIFIC LOCATIONS AND WIRING DETAILS WILL BE DETERMINED DURING THE CONTROL SYSTEM DESIGN AND INSTALLATION.

9. THE HVAC SYSTEM DESIGN CONSIDER ENERGY EFFICIENCY, INDOOR AIR QUALITY, OCCUPANT COMFORT, AND NOISE CONTROL, FOLLOWING APPLICABLE GUIDELINES AND REGULATIONS.

10. COORDINATION WITH OTHER TREADS HAS BEEN DONE ON A DESIGN LEVEL. THIS DRAWING SHALL BE READ TOGETHER WITH THE AR, EL AND SN DESIGN DRAWINGS TO ENSURE PROPER INSTALLATION AND INTEGRATION OF THE HVAC SYSTEMS.

11. THE HVAC CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND LICENSES. AND FOR SCHEDULING AND COORDINATING WITH THE LOCAL BUILDING DEPARTMENT AND UTILITY PROVIDERS TO ENSURE A TIMELY AND COMPLIANT INSTALLATION.

12. ALL DUCTWORK PENETRATIONS THROUGH WALLS, FLOORS, OR CEILINGS SHALL BE PROPERLY SEALED AND FIRE-STOPPED USING APPROVED METHODS AND MATERIALS TO MAINTAIN THE INTEGRITY OF THE BUILDING'S FIRE-RESISTANCE RATINGS.

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

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

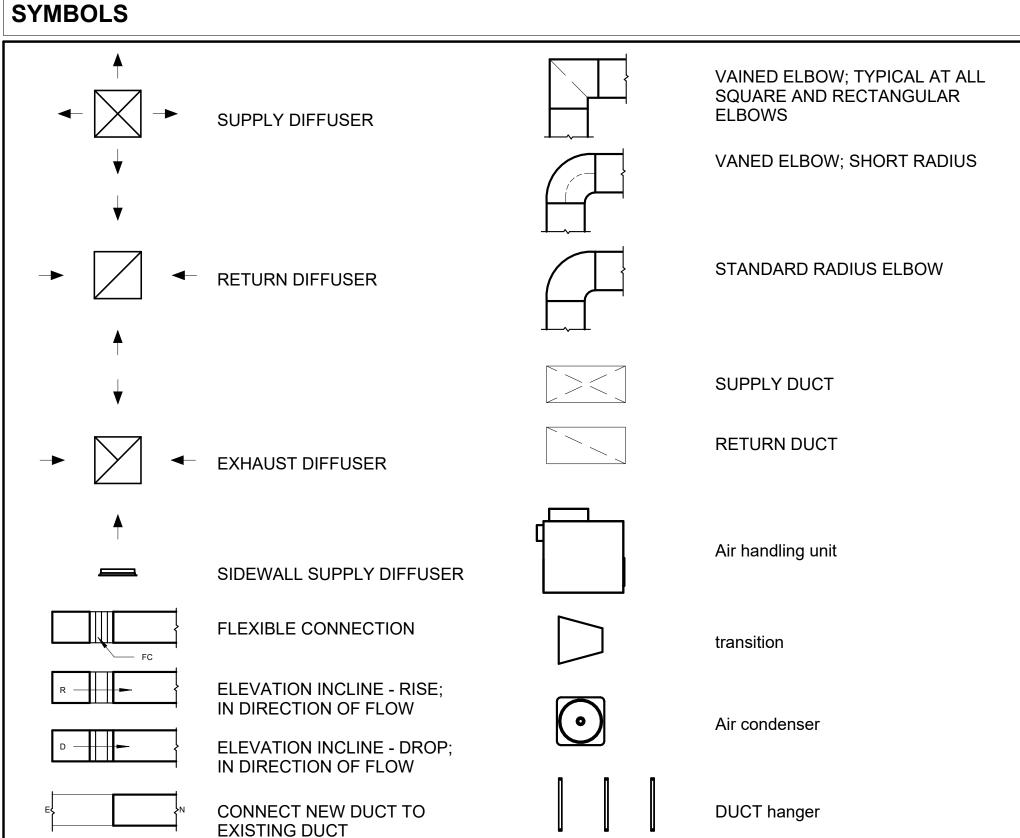
15. THE HVAC SYSTEM SHALL BE BALANCED AND ADJUSTED TO ENSURE PROPER AIRFLOW, TEMPERATURE DISTRIBUTION, AND SYSTEM PERFORMANC THROUGHOUT THE RESIDENCE. PROVIDE A WRITTEN REPORT DOCUMENTING THE FINAL SYSTEM BALANCE.

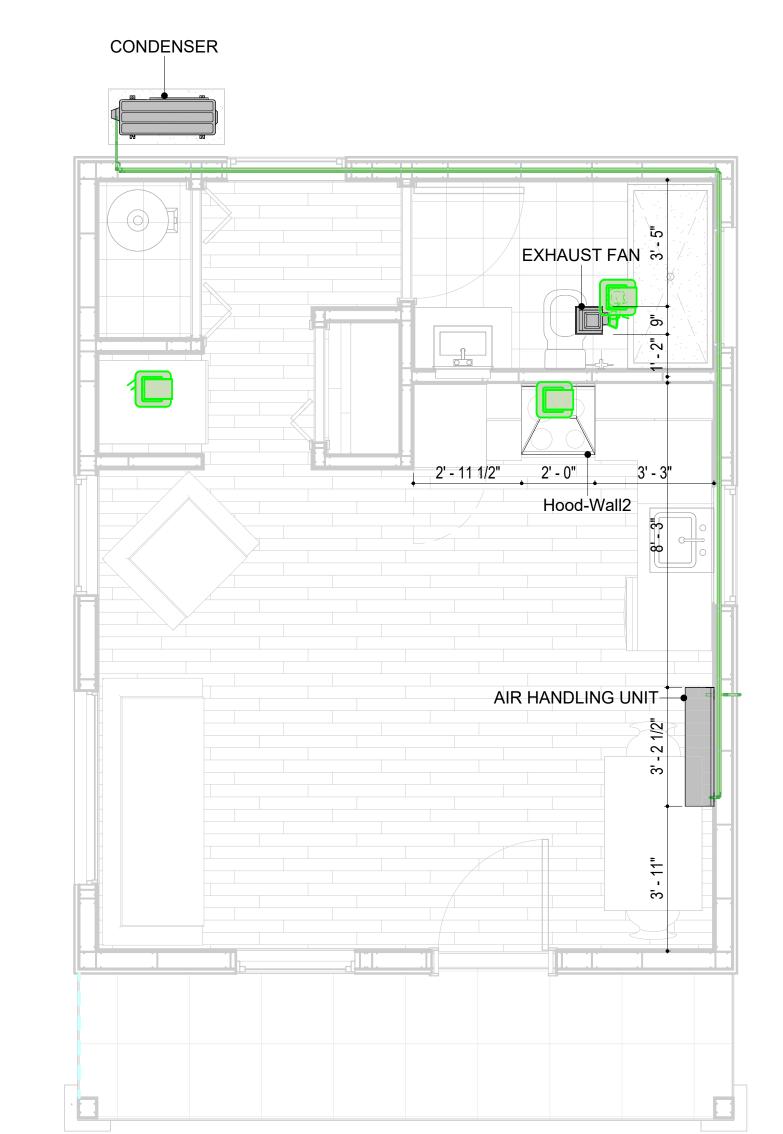
17. FOR ANY INQUIRIES OR CLARIFICATIONS REGARDING THE HVAC SYSTEM DESIGN, PLEASE CONSULT THE RESPONSIBLE DESIGN PROFESSIONALS

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

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

OR THE PROJECT MANAGEMENT TEAM.





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



air conditioning pipe line

REFRIGERANT LINE SCHEDULE				
CATAGORY	DESCRIPTION	DIAMETER	LENGTH	
Pipe Types	Copper	1/4"	1.44	
Pipe Types	Copper	3/8"	44.17	
Pipe Types	Copper	1/2"	1.41	
Pipe Types	Copper	3/4"	51.42	

REFRIGERANT LINE FITTING SCHEDULE			
CATAGORY	DESCRIPTION	Size	Count
Elhau Canaria	Filhaus Camaria: Standard/III/AC	1/2"ø-1/2"ø	0
Elbow - Generic	Elbow - Generic: Standard/HVAC	.,_ 2 .,_ 2	2
Elbow - Generic	Elbow - Generic: Standard/HVAC	1/4"ø-1/4"ø	4
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

	DUCT ACCESSORY SCHEDU	JLE
CATAGORY	DESCRIPTION	COUNT
ROOF VENT	3" DIAMETER	3

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



**KEY PLAN** 

DESCRIPTION	DATE
	DESCRIPTION

NOTE:

LEGEND:

PROJECT

101-Bennet-389-Studio Modern-550

DRAWING NAME

**HVAC PLAN** 

CLIENT NAME: Owner PROJECT NUMBER: 15\_0001 DATE: 3/6/2025 12:10:47 AM Designer DESIGNED BY: DRAWN BY: Author CHECKED BY: Checker

M102

#### **ELECTRICAL NOTES**

- 1. THIS DRAWING DEPICTS THE ELECTRICAL SYSTEM FOR THE 101-Bennett-398-Studio Modern-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. VERIEV LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY PROVIDE LIFER GROUND IN
- 13. VERIFY LOCATION OF SERVICE ENTRANCE WITH POWER COMPANY. PROVIDE UFER GROUND IN BUILDING FOUNDATION AT SERVICE ENTRANCE LOCATION.
- 14. PROVIDE A MIN. OF 20 FEET OF ONE \*4 BARE COPPER UFER WIRE EMBEDDED IN CONCRETE FOOTING AT THE SERVICE ENTRANCE LOCATION WHERE APPROVED BY LOCAL SERVICE PROVIDER.
- 15. PROVIDE WATERPROOF FIXTURES IN ALL HIGH MOISTURE AREAS (EXTERIOR, SHOWER AND TUB
- CEILINGS ETC.)
  16. PROVIDE DEDICATED CIRCUITS TO EACH BATH, DEN, FAMILY ROOM, BEDROOM, LOFT, KITCHEN
- REFRIGERATOR, KITCHEN FREEZER DISHWASHER, AND ANY AREA/ITEM SPECIFIED BY OWNER.

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

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

### MAIN PANEL CALCS

ELECTRICAL CALCS	
LIGHT AND OUTLETS 398 @ 3W	1,194 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	24,494 W
FRIST 10,000 @ 100% REMAINDER @ 40% MINI. SPLIT UNITS	10,000 W 5,798W 10,000 W
TOTAL	25,798 W

25,798 W DIVIDED BY 240V = 106 AMPS TOTAL

(USE 200 AMP SERVICE)

#### **ELECTRICAL ABBREVIATIONS LIST**

	1P	1 POLE (2P, 3P, 4P, ETC.)	CTR	CENTER	нт	HEIGHT
	A	AMPERE	CU	COPPER	HTG	HEATING
	AC					
		ABOVE COUNTER OR AIR CONDITIONER	DCP	DOMESTIC WATER CIRCULATING PUMP	HTR	HEATER
	ACLG	ABOVE CEILING	DEPT	DEPARTMENT	HV	HIGH VOLTAGE
	ADO	AUTOMATIC DOOR OPENER	DET	DETAIL	HVAC	HEATING, VENTILATING AND AIR
	AF	AMP FRAME	DIA	DIAMETER	CONDITIONING	CONDITIONING
	AFF	ABOVE FINISHED FLOOR	DISC	DISCONNECT	HWP	HYDRONIC WATER PUMP
	AFG	ABOVE FINISHED GRADE	DIST	DISTRIBUTION	IC	INTERRUPTING CAPACITY
	AFI	ARC FAULT CIRCUIT INTERRUPTER	DN	DOWN	IG	ISOLATED GROUND
	AHU	AIR HANDLING UNIT	DPR	DAMPER	IMC	INTERMEDIATE METAL CONDUIT
	AL	ALUMINUM	DS	SAFETY DISCONNECT SWITCH	INCAND	INCANDESCENT
	ALT	ALTERNATE	DT	DOUBLE THROW	IR	INFRARED
	AMP	AMPERE	DWG	DRAWING	I/W	INTERLOCK WITH
	AMPL	AMPLIFIER	DDC	DIRECT DIGITAL CONTROL	J-BOX	JUNCTION BOX
	ANNUN	ANNUNCIATOR APPROX APPROXIMATELY	EC	ELECTRICAL CONTRACTOR	KV	KILOVOLT
	AQ-STAT	AQUASTAT	ELEC	ELECTRIC, ELECTRICAL	KVA	KILOVOLT-AMPERE
	ARCH	ARCHITECT, ARCHITECTURAL	ELEV	ELEVATOR	KVAR	KILOVOLT-AMPERE REACTIVE
	AS	AMP SWITCH	EM	EMERGENCY	KW	KILOWATT
	AT	AMP TRIP	EMS	ENERGY MANAGEMENT SYSTEM	KWH	KILOWATT HOUR
	ATS	AUTOMATIC TRANSFER SWITCH	EMT	ELECTRICAL METALLIC TUBING	LOC	LOCATE OR LOCATION
			EP		I I	
	AUTO	AUTOMATIC		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
			GC			
	CONST	CONSTRUCTION CONTINUESTICAL OF CONTINUESTICAL		GENERAL CONTRACTOR	MMS	MANUAL MOTOR STARTER
	CONTR	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
- 1						I and the second

### **Branch Panel:**

Location: STUDIO AREA 02
Supply From:
Mounting: Recessed

Enclosure: Type 1

Volts: 120/240 Single Phases: 1 Wires: 3 A.I.C. Rating:
Mains Type:
Mains Rating: 200 A
MCB Rating: 1 A

#### Notes:

Circuit Numb er		Number of Elements	Rating	Length	Wire Size	A		E	3	Wire Size	Length	Rating	Number of Elements	Circuit Description	Circui Numb er
1	BATH GFCI	7	20 A	29' - 4 5/16"	1-#12, 1-#12, 1-#12	576 VA	120 VA			1-#14, 1-#14, 1-#14	30' - 7 11/16"	15 A	3	HALL LIGHT	2
3	CONDENSER	1	60 A	44' - 3"	2-#6, 1-#6, 1-#10			750 VA	2250 VA	2-#10, 1-#10, 1-#10	43' - 2 1/32"	30 A	1	WATER HEATER	4
5						750 VA	2250 VA								6
7	DRYER	1	30 A	36' - 2 3/32"	2-#10, 1-#10, 1-#10			2500 VA	1200 VA	1-#12, 1-#12, 1-#12	39' - 3 1/2"	20 A	1	WASHING MASHEIN	8
9						2500 VA	277 VA			1-#12, 1-#12, 1-#12	21' - 4 17/32"	20 A	5	KITCHEN LIGHT	10
11	LIVING LIGHT	7	15 A	40' - 9 21/32"	1-#14, 1-#14, 1-#14			209 VA	540 VA	1-#12, 1-#12, 1-#12	25' - 1 23/32"	20 A	3	KITCHEN GFCI	12
13	RANGE	1	50 A	23' - 2 19/32"	2-#8, 1-#8, 1-#10	2500 VA	180 VA			1-#12, 1-#12, 1-#12	18' - 11 19/32"	20 A	1	OVEN HOOD	14
15			_					2500 VA	1200 VA	1-#12, 1-#12, 1-#12	15' - 9 27/32"	20 A	1	DISHWASHER	16
17	LIVING RECEPTACLE	5	20 A	32' - 10 1/32"	1-#12, 1-#12, 1-#12	900 VA	100 VA			1-#14, 1-#14, 1-#14	20' - 3 29/32"	15 A	1	OUTDOOR LIGHT	18
19	OUTDOOR GFCI	4	20 A	31' - 9"	1-#12, 1-#12, 1-#12			720 VA							20
21															22
23															24
25															26
	1					10145	VA	1186	7 VA						
						85	A	99	Α						

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
LIGHTING - DWELLING UNIT	300 VA	100.00%	300 VA		
OTHER	532 VA	100.00%	532 VA	Total Conn. Load:	22012 VA
RECEPTACLE	5100 VA	100.00%	5100 VA	Total Est. Demand:	21012 VA
LIGHTING	100 VA	100.00%	100 VA	Total Conn.:	92 A
CONDENSER	1500 VA	100.00%	1500 VA	Total Est. Demand:	88 A
WATER HEATER	4500 VA	100.00%	4500 VA		
RANGE	5000 VA	80.00%	4000 VA		
DRYER	5000 VA	100.00%	5000 VA		



**KEY PLAN** 

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

## **SCHEDULE**

CLIENT NAME:

PROJECT NUMBER:

0193\_11

DATE:

3/5/2025 11:59:35 AM

DESIGNED BY:

DRAWN BY:

CHECKED BY:

Checker

E101

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

### **ELECTRICAL NOTE**

- A. PROVIDE INTERCONNECTED SMOKE ALARMS IN EACH SLEEPING ROOMS, OUTSIDE EACH SLEEPING ROOM, ON EACH STORY, IN THE HALL OR ADJACENT ROOM LUHERE THE CEILING HEIGHT OF A ROOM OPEN TO THE HALL EXCEEDS THE HALL BY 24'. SMOKE ALARMS SHALL BE PERMANENTLY HARD WIRED WITH BATTERY BACKUP.
- B. RECEPTACLE OUTLETS FOR RANGES AND CLOTHES DRYERS SHALL BE A THREE POLE WITH GROUND TYPE. FOUR WIRE GROUNDING-TYPE FLEXIBLE CORDS WILL BE REQUIRED FOR CONNECTION OF RANGES AND CLOTHES DRYERS. THE BONDING JUMPER SHALL NOT BE CONNECTED BETWEEN NEUTRAL TERMINAL AND THE FRAME OF THE APPLIANCE.
- C. TWO OR MORE 20 AMP SMALL APPLIANCE CIRCUITS SHALL BE PROVIDED TO SERVE THE KITCHEN, BREAKFAST NOOK, AND DINING ROOM. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS.
- D. AT LEAST ONE 20 AMP BRANCH CIRCUIT SHALL BE PROVIDED TO SERVICE THE LAUNDRY ROOM. THIS CIRCUIT SHALL HAVE NO OTHER OUTLETS.
- E. ALL RECEPTACLES WITH IN 6' OF A WET BAR SINK OR KITCHEN SINK TO SERVE COUNTER TOP SURFACES MUST BE GFCI. ON KITCHEN COUNTERS 12' OR WIDER NO POINT ALONG THE WALL SHALL BE MORE THAN 2' FROM A RECEPTACLE. ALL RECEPTACLES WITH IN 6' OF KITCHEN SINK MUST BE GFCI. AT LEAST ONE GFCI RECEPTACLE SHALL
- BE INSTALLED IN THE BATHROOM ADJACENT TO EACH BASIN.

  F. FIXTURES INCLUDING CEILING FANS THAT ARE LOCATED IN DAMP LOCATIONS SHALL BE LISTED TO BE SUITABLE FOR
- SUCH LOCATIONS PER 2012 IRC
- G. PROVIDE ONE (1) SWITCHED OUTLET @ ALL BEDROOMS AND DEN
- H. CEILING FANS NOT EXCEEDING 35 LBS. (WITH OR WITHOUT ACCESSORIES MAY BE SUPPORTED BY OUTLET BOXES PROVIDED THE OUTLET BOXES ARE IDENTIFIED FOR SUCH USE PER 2012 IRC
- I. ELECTRICAL OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24".
- J. OUTLET BOXES IN THE WALLS BETWEEN THE GARAGE AND DWELLING SHALL BE METAL OR U.L. APPROVED FIRE RESISTIVE PLASTIC. BOXES IN GARAGE CEILING SHALL BE METAL.
- K. ALL BRANCH CIRCUITS THAT SUPPLY 120 VOLTS SINGLE PHASE 15 AND 20 AMPS RECEPTACLE OUTLETS INSTALLED IN THE DWELLING SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER, EXCEPT GFCI RECEPTICLES.

#### NOTE:

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

#### **NOTE: APPLIANCE DISCONNECT**

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

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

EQUIPMENT GROUNDING CONDUCTOR.

METAL ENCLOSURES FOR SWITCHES OR CIRCUIT BREAKERS USED AS SERVICE

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

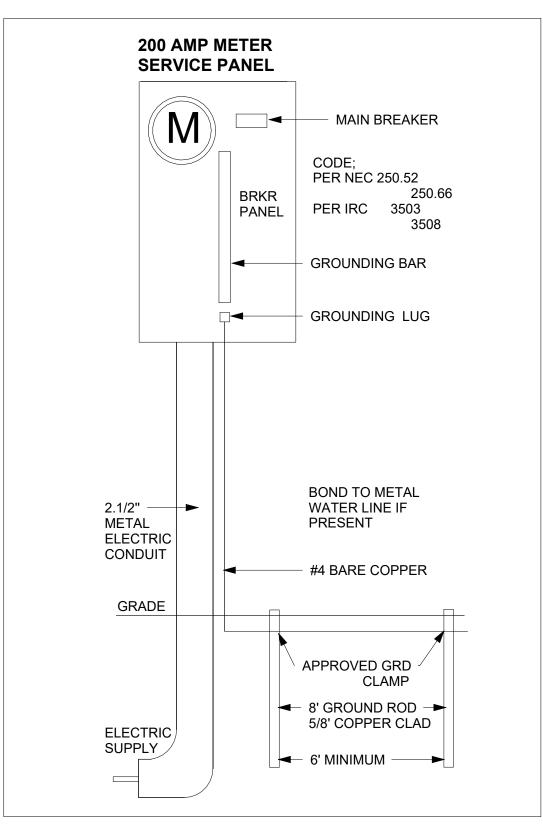
CABLES, PROVISIONS SHALL BE MADE FOR CONNECTING THE EQUIPMENT GROUNDING

CONDUCTOR.

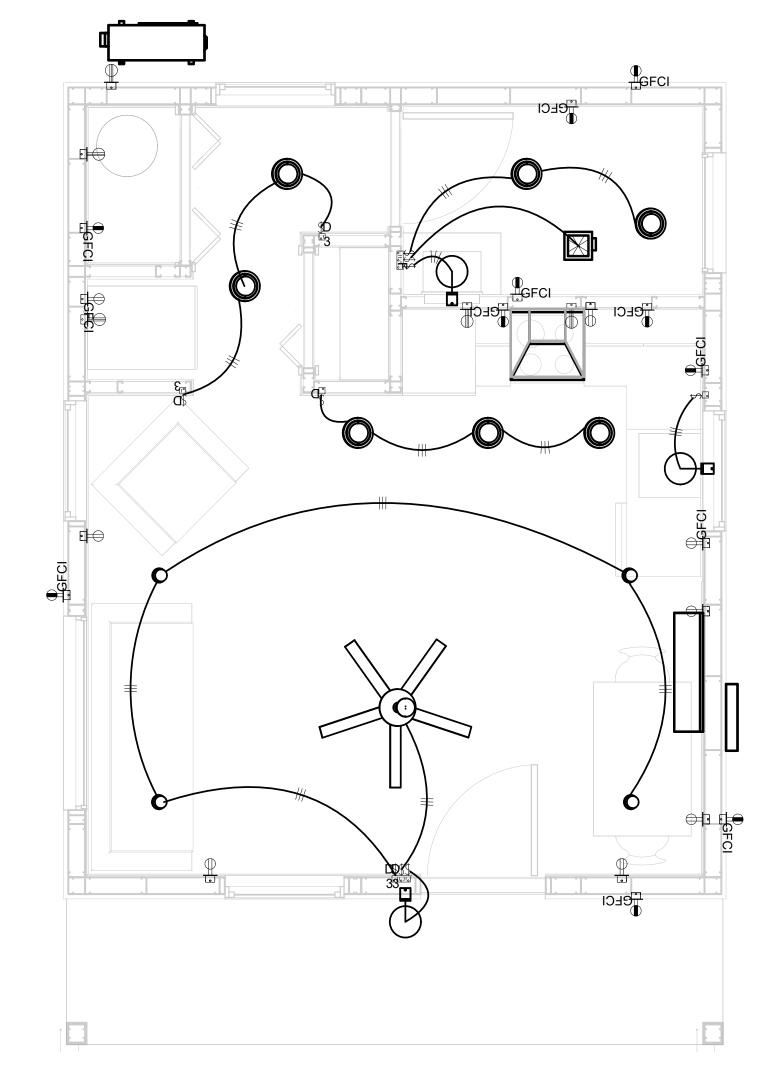
NONMETALLIC BOXES FOR SWITCHES SHALL BE INSTALLED WITH A WIRING METHOD THAT

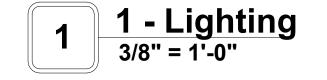
PROVIDES OR INCLUDES AN EQUIPMENT GROUNDING CONDUCTOR. (404.12)

## **ELECTRICAL LEGEND Electrical Lights With Fan Waterproof Recessed Can Light** 0 Pendant Light **Recessed Can Light** 0 **−**Ø Wall Lamp **Standalone linear** Single Switch ₩Ð ₩ **Three way Switch** Fan Switch **₩ Duplex Receptacle** Triplex Receptacle **GFCI Receptacle** $\mathbb{X}$ Exhaust Fan Smoke and heat detector











**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

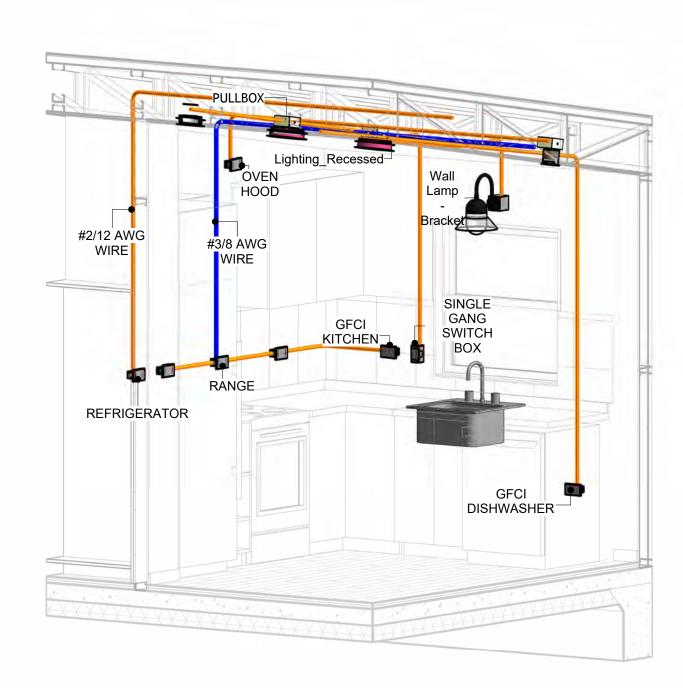
## LIGHTING

CLIENT NAME:	Owner
PROJECT NUMBER:	0193_11
DATE:	3/5/2025 11:59:37 AM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

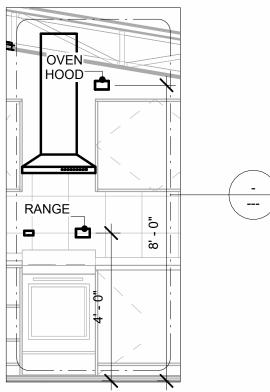
E102

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

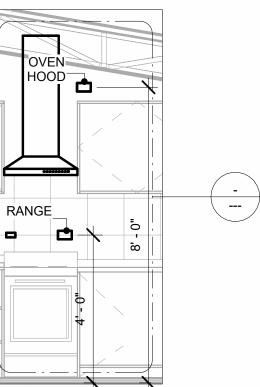
- Use Metalic Conduits (IMC) for cables running under concrete slabs.
   Use IMC for circuits with high voltage appliances (240 volts and above)
   For circuits with 120 volts consider using EMT or PVC conduits if needed.
   For Low voltage applications up to 50 volts consider using non metalic conduits.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



**3D-KITCHEN** 

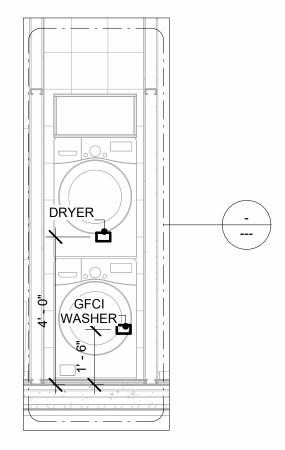


Section 1 3/8" = 1'-0"

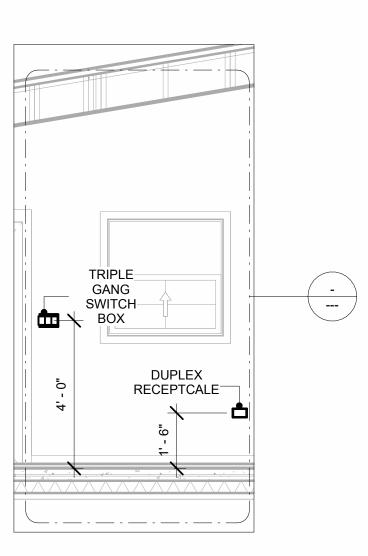


-Lighting and Appliance Panelboard- 240v

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



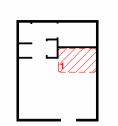
Section 2 3/8" = 1'-0"



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



**KEY PLAN** 



NO.	DESCRIPTION	DATE
		1

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

**POWER** 

CLIENT NAME:	Owner
PROJECT NUMBER:	0193_11
DATE:	3/5/2025 12:00:01 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E103

SCALE: As indicated

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### **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**

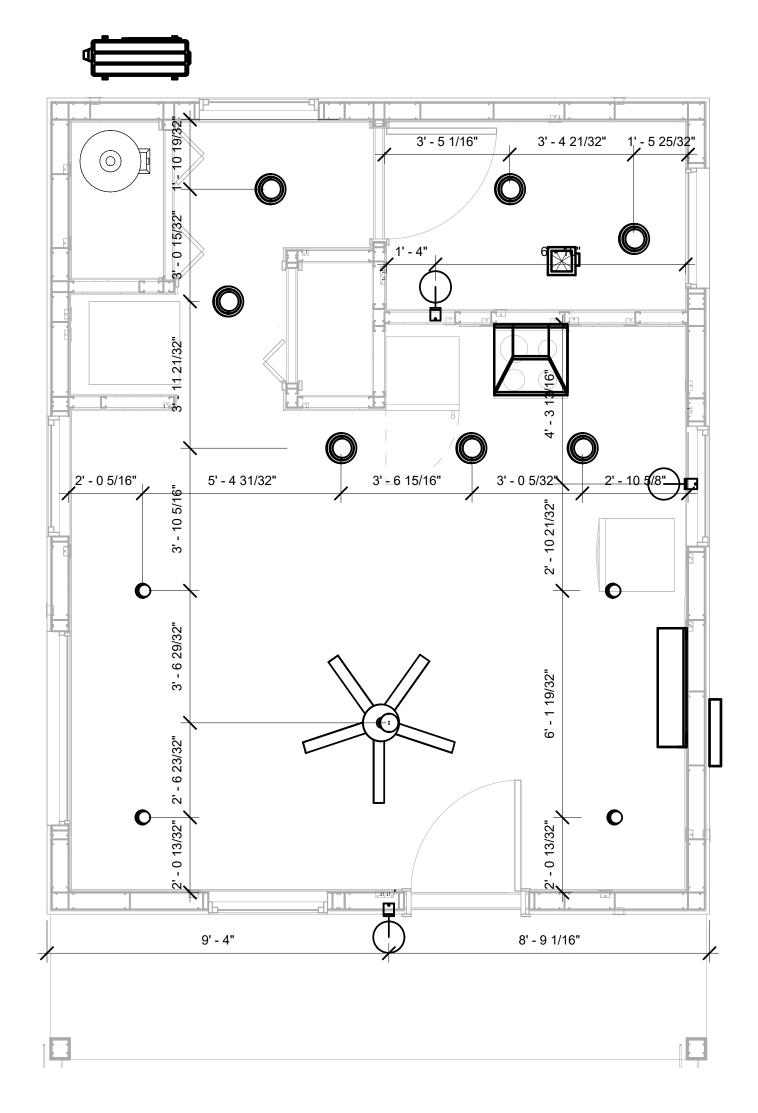
- 1. THE MINIMUM SIZE OF JUCTION BOX TO BE USED IS 2"X4"X(1.5" OR 3.5" DEEP) THIS ARE TO BE USED FOR SINGLE GANG SWITCH OR OUTLETS.
- 2. FOR DOUBLE GANG (2 GANG) OUTLETS AND SWITCHS THE MINIMUM SIZE OF THE
- JUCTION BOX TO BE PROVIDED SHALL NOT BE LESS THAN 4"X4"X(1.5" OR 3.5" DEEP)
- 3. FOR THREE GANG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

ELECTRICAL FIXTUR	E SCHEDULE (SWITCH BOX)
TYPE	COUNT
SINGLE GANG SWITCH BOX	4
TRIPLE GANG SWITCH BOX	2

LIGHT	TING DEVICE
TYPE	COUNT
DIMMER	1
FAN SWITCH	1
SINGLE POLE	4
THREE WAY WITH DIMMER	4

	LIGHTING FIX	XTURE	
LIGHTING FIXTURE TYPE	VOLTAGE	ELECTRICAL LOAD	COUNT
ELECTRICAL_LIGHTS_FAN-LIGHT1	120 V/1-100 VA- 120 V/1-100 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	1
LIGHTING_RECESSED	120 V/1-60 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	7
SASSO 100 ROUND WALLWASHER TRIM	120 V/1-28 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	4
WALL LAMP - BRACKET	120 V/1-100 VA	200 A, 120 V/240 V, SINGLE PHASE, 3 WIRES	3



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



**KEY PLAN** 

NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

## **DIMENSION PLAN** FOR LIGHT FIXTURES

CLIENT NAME:	Owner
PROJECT NUMBER:	0193_11
DATE:	3/5/2025 12:00:02 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

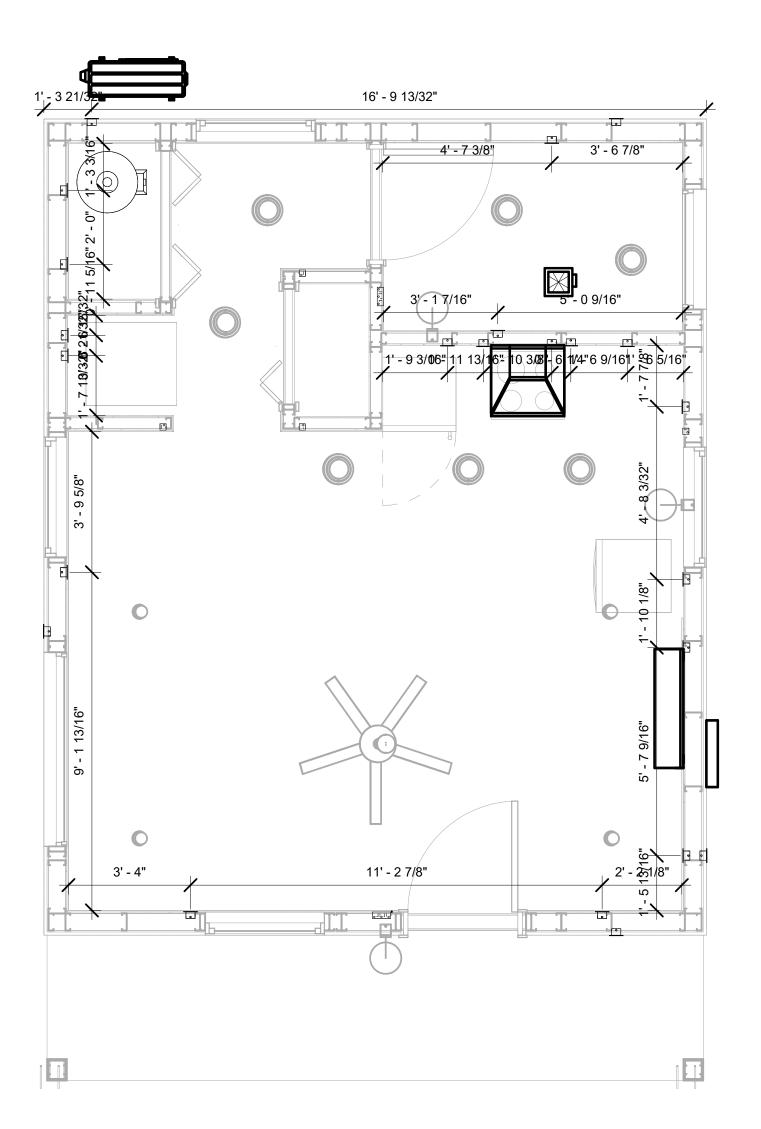
E104

## 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 F	IXTURE SCHEDULE (RECEPTACLE)
TYPE	COUNT
CONDENSER	1
DRYER	1
DUPLEX RECEPTCALE	5
GFCI BATH ROOM	3
GFCI DISHWASHER	1
GFCI KITCHEN	3
GFCI OUT DOOR	4
GFCI WASHER	1
OVEN HOOD	1
RANGE	1
REFRIGERATOR	1
WATER HEATER	1

	ELECTRICAL O	UTLET SCHEDULE	
TYPE	CIRCUIT NUMBER	ELECTRICAL DATA	COUNT
GFCI BATH ROOM		120 V/1-180 VA	1
REFRIGERATOR		120 V/1-1800 VA	1
GFCI BATH ROOM	1	120 V/1-180 VA	2
CONDENSER	3,5	240 V/2-1500 VA	1
WATER HEATER	4,6	240 V/2-4500 VA	1
DRYER	7,9	240 V/2-5000 VA	1
GFCI WASHER	8	120 V/1-1200 VA	1
GFCI KITCHEN	12	120 V/1-180 VA	3
RANGE	13,15	240 V/2-5000 VA	1
OVEN HOOD	14	120 V/1-180 VA	1
GFCI DISHWASHER	16	120 V/1-1200 VA	1
DUPLEX RECEPTCALE	17	120 V/1-180 VA	5
GFCI OUT DOOR	19	120 V/1-180 VA	4



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



**KEY PLAN** 

NO.	DESCRIPTION	DATE
		27112

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

## DIMENSION PLAN FOR FITTINGS

CLIENT NAME:	Owner
PROJECT NUMBER:	0193_11
DATE:	3/5/2025 12:00:03 PM
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker

E105

### SHEET LIST

SHEET NUMBER SHEET NAME

P101 NOTE AND SCHEDULE
P102 WATER SUPPLY AND SEWAGE
SYSTEM

Р	IPE COLOR SCHEME
_	DOMESTIC COLD WATE
_	DOMESTIC HOT WATER
-	SANITARY VENT
-	SANITARY SEWER
-	STORM DRAINAGE
-	GRAY WATER
-	GAS LINE

### PLUMBING NOTES

- THE PLUMBING SYSTEM IS DESIGNED TO MEET THE BUILDING'S DOMESTIC WATER SUPPLY, SANITARY DRAINAGE, AND STORM DRAINAGE REQUIREMENTS, AS PER PROJECT SPECIFICATIONS AND APPLICABLE CODES.
- THE SYSTEM INSTALLATION SHALL COMPLY WITH THE LATEST INTERNATIONAL PLUMBING CODE (IPC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL OTHER RELEVANT LOCAL, STATE, AND NATIONAL REGULATIONS.
- ALL PLUMBING WORK SHALL COMPLY WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND THE LOCAL PLUMBING CODE.
- 4. PLUMBING SYSTEMS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH THE LOCAL PLUMBING CODE REQUIREMENTS.
- 5. PLUMBING FIXTURES SHALL BE INSTALLED WITH THE APPROPRIATE TRIM, FITTINGS, AND
- ACCESSORIES, AS RECOMMENDED BY THE MANUFACTURER.
  6. PIPING SHALL BE PROPERLY SUPPORTED AND SECURED TO PREVENT SAGGING,
- MOVEMENT, AND VIBRATION.

  7. SHUT-OFF VALVES SHALL BE PROVIDED AT ALL BRANCH CONNECTIONS AND AT THE INLET AND OUTLET OF EACH PIECE OF EQUIPMENT.
- 8. BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AS REQUIRED BY THE LOCAL PLUMBING CODE TO PROTECT THE POTABLE WATER SYSTEM.
- 9. PLUMBING CODE TO PROTECT THE POTABLE WATER STSTEM.

  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.
- 0. POLYVINYL CHLORIDE (PVC) SHALL BE USED FOR THE RAIN WATER SUPPLY
- 20. POLYVINYL CHLORIDE (PVC) SHALL BE USED FOR THE RAIN WATER SYSTEM.
  21. THE MIMIMUM WATER SUPPLY DEPTH UNDER FLOOR FINISH SHOUD BE 1/2".
- 22. ANY PIPE INSTALLED UNDERGROUND MUST HAVE AT LEAST 12 INCHES OF CLEARANCE BETWEEN THE OUTSIDE OF THE PIPE AND ANY OTHER UNDERGROUND STRUCTURE.
- 23. THE MINIMUM CLEARANCE BETWEEN COLD AND HOT WATER LINES IN RESIDENTIAL
- HOMES MAINTAIN A MINIMUM DISTANCE OF 6 INCHES.

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

## **ABBREVIATIONS**

SANITARY SEWER LINES.

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

## PLUMBING LEGEND

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

PIPE SCH	PIPE SCHEDULE							
MATERIAL	DIAMETER	LENGTH						
ACRYLONITRILE BUTADIENE STYRENE (ABS)	1 1/2"	22 FT						
ACRYLONITRILE BUTADIENE STYRENE (ABS)	2"	45 FT						
ACRYLONITRILE BUTADIENE STYRENE (ABS)	3"	21 FT						
CROSS-LINKED POLYETHYLENE (PEX)	1/2"	81 FT						
CROSS-LINKED POLYETHYLENE (PEX)	3/4"	43 FT						
CROSS-LINKED POLYETHYLENE (PEX)	1"	1 FT						
POLYVINYL CHLORIDE - RIGID	2"	34 FT						

F	ITTING SCHEDULE	
FITTING	SIZE	QTY
DOMESTIC COLD WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	12
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	1
PEX TEE ELBOW	1/2"ø-1/2"ø	2
PEX TEE ELBOW	3/4"ø-3/4"ø-3/4"ø	5
PEX TRANSITION ELBOW	1"ø-3/4"ø	1
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	4
DOMESTIC HOT WATER		
PEX 90 DEGREE ELBOW	1/2"ø-1/2"ø	14
PEX 90 DEGREE ELBOW	3/4"ø-3/4"ø	2
PEX TEE ELBOW	1/2"ø-1/2"ø	2
PEX TEE ELBOW	3/4"ø-3/4"ø	2
PEX TRANSITION ELBOW	3/4"ø-1/2"ø	3
SEWAGE		
ABS 90 DEGREE BEND ELBOW	1 1/2"ø-1 1/2"ø	2
ABS 90 DEGREE BEND ELBOW	2"ø-2"ø	2
ABS 90 DEGREE BEND ELBOW	3"ø-3"ø	1
ABS P-TRAP	1 1/2"ø-1 1/2"ø	2
ABS P-TRAP	2"ø-2"ø	2
ABS REDUCER ELBOW	2"ø-1 1/2"ø	1
ABS REDUCER ELBOW	3"ø-2"ø	1
ABS TEE ELBOW	1 1/2"ø-1 1/2"ø-1 1/2"ø	1
ABS TEE ELBOW	2"ø-2"ø	1
ABS TEE ELBOW	3"ø-3"ø	2
ABS TEE REDUCER ELBOW	3"ø-3"ø-1 1/2"ø	2
ABS TEE REDUCER ELBOW	3"ø-3"ø-2"ø	1
WASTE DOUBLE TEE	2"ø-2"ø-2"ø	1
VENT		
ABS VENT CAP ELBOW	1 1/2"ø	1
ABS VENT CAP ELBOW	2"ø	2
	- ·-	

FIXTURE CONNECTION SCHEDULE											
FAMILY	W	V	TRAP	CW	HW	QTY	DFU	TOT.	WFU	TOT.	NOTES
DISHWASHER	2"	1-1/2"	1-1/2"	1/2"	1/2"	1		0			DRAIN TO SEWER SEE PLANS
DRYER	N/A	N/A	N/A	N/A	N/A	1		0			
HANGING PIPES CLAMP						8		0			
SHOWER TRAY	2"	1-1/2"	1-1/2"	1/2"	1/2"	1		0			
SHOWER TRIM	-	-	-	1/2"	1/2"	1		0			
SINK ISLAND SINGLE	2"	1-1/2"	1-1/2"	1/2"	1/2"	1		0			
VANITY SINK	2"	1-1/2"	1-1/2"	1/2"	1/2"	1		0			
WASHER	2"	1-1/2"	2"	1/2"	1/2"	1		0			DRAINS TO GRAY WATER OR SEWER SEE PLANS
WATER CLOSET						1		0			
WATER HEATER	N/A	N/A	N/A	3/4"	3/4"	1		0			

3"ø

ABS VENT CAP ELBOW

FIXTURE SCHEDULE						
FIXTURE	QTY	DESCRIPTION				
DISHWASHER	1	DRAIN TO SEWER SEE PLANS				
DRYER	1					
HANGING PIPES CLAMP	8					
SHOWER TRAY	1					
SHOWER TRIM	1					
SINK ISLAND SINGLE	1					
VANITY SINK	1					
WASHER	1	DRAINS TO GRAY WATER OR SEWER SEE PLANS				
WATER CLOSET	1					
WATER HEATER	1					

ACCESSORIES & FITTINGS SCHEDULE							
FIXTURE	QTY	DESCRIPTIONS					
DISHWASHER CONNECTOR	1						
HOSE BIB	1						
LAUNDRY SWEAT CONNECTOR1	1						
SHUTOFF VALVE	6						

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

WATER FIXTURE UNIT SCHEDULE								
FAMILY	QTY	UNIT VALUE	TOTAL					
DISHWASHER	1		0					
DRYER	1		0					
HANGING PIPES CLAMP	8		0					
SHOWER TRAY	1		0					
SHOWER TRIM	1		0					
SINK ISLAND SINGLE	1		0					
VANITY SINK	1		0					
WASHER	1		0					
WATER CLOSET	1		0					
WATER HEATER	1		0					

WASTE FIXTURE UNIT SCHEDULE										
FAMILY QTY DFU VALUES TOTAL										
DISHWASHER	1			0						
DRYER	1			0						
HANGING PIPES CLAMP	8			0						
SHOWER TRAY	1			0						
SHOWER TRIM	1			0						
SINK ISLAND SINGLE	1			0						
VANITY SINK	1			0						
WASHER	1			0						
WATER CLOSET	1			0						
WATER HEATER	1			0						



**KEY PLAN** 

NO. DESCRIPTION DATE

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

NOTE AND SCHEDULE

CLIENT NAME:

 PROJECT NUMBER:
 00193\_11

 DATE:
 3/4/2025 11:53:28 AM

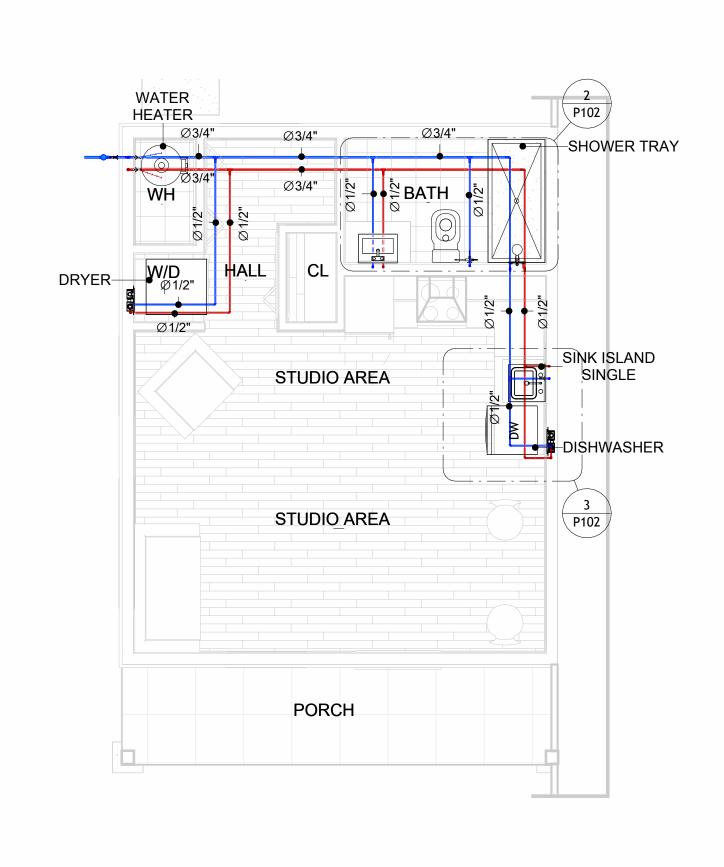
 DESIGNED BY:
 Designer

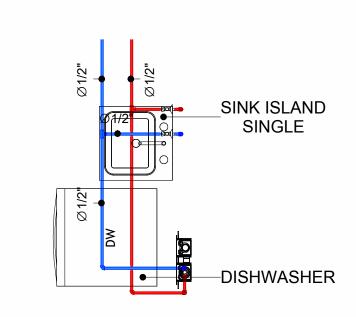
 DRAWN BY:
 Author

 CHECKED BY:
 Checker

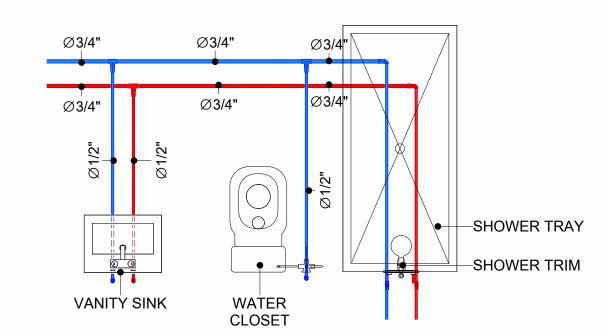
P101

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



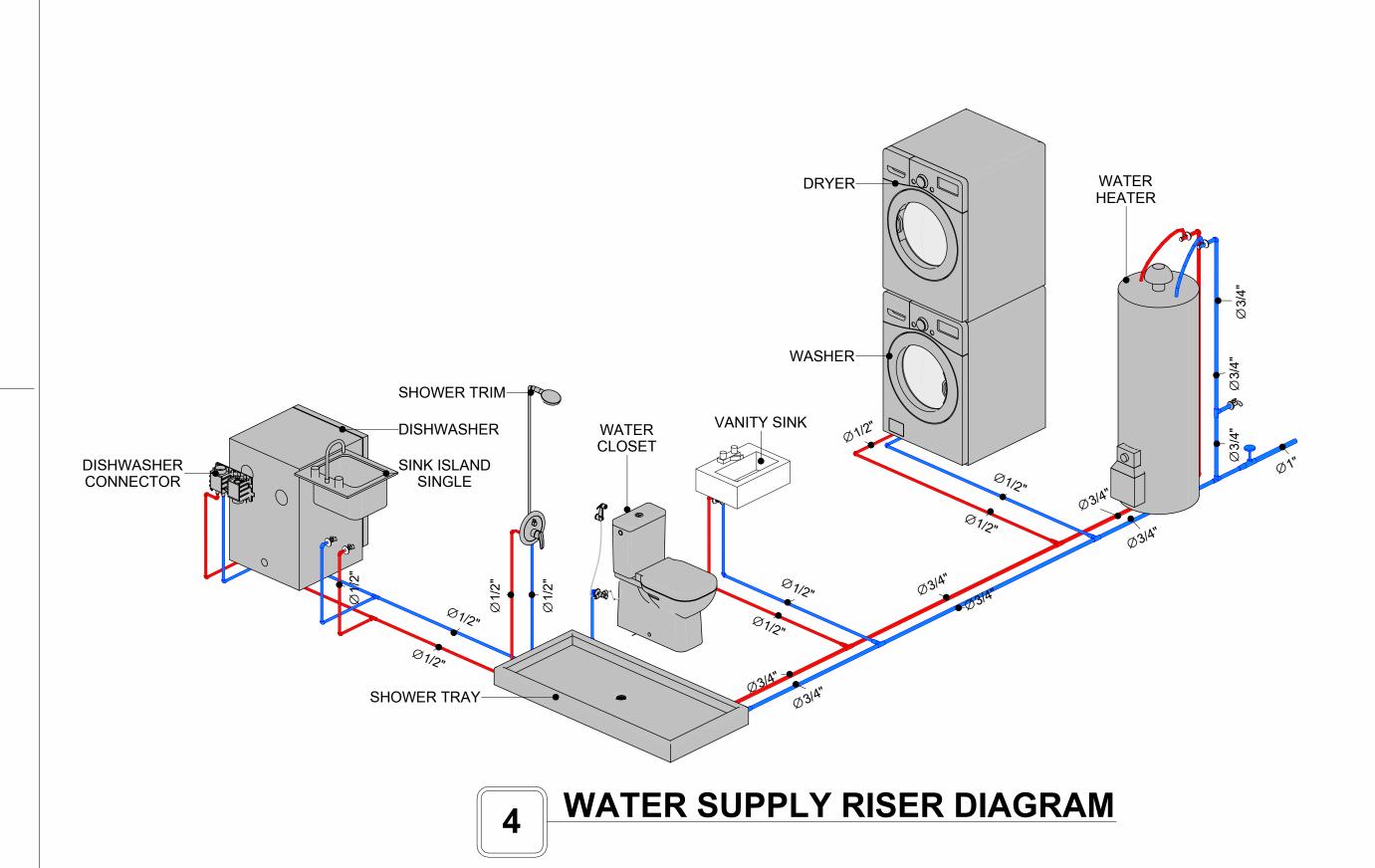


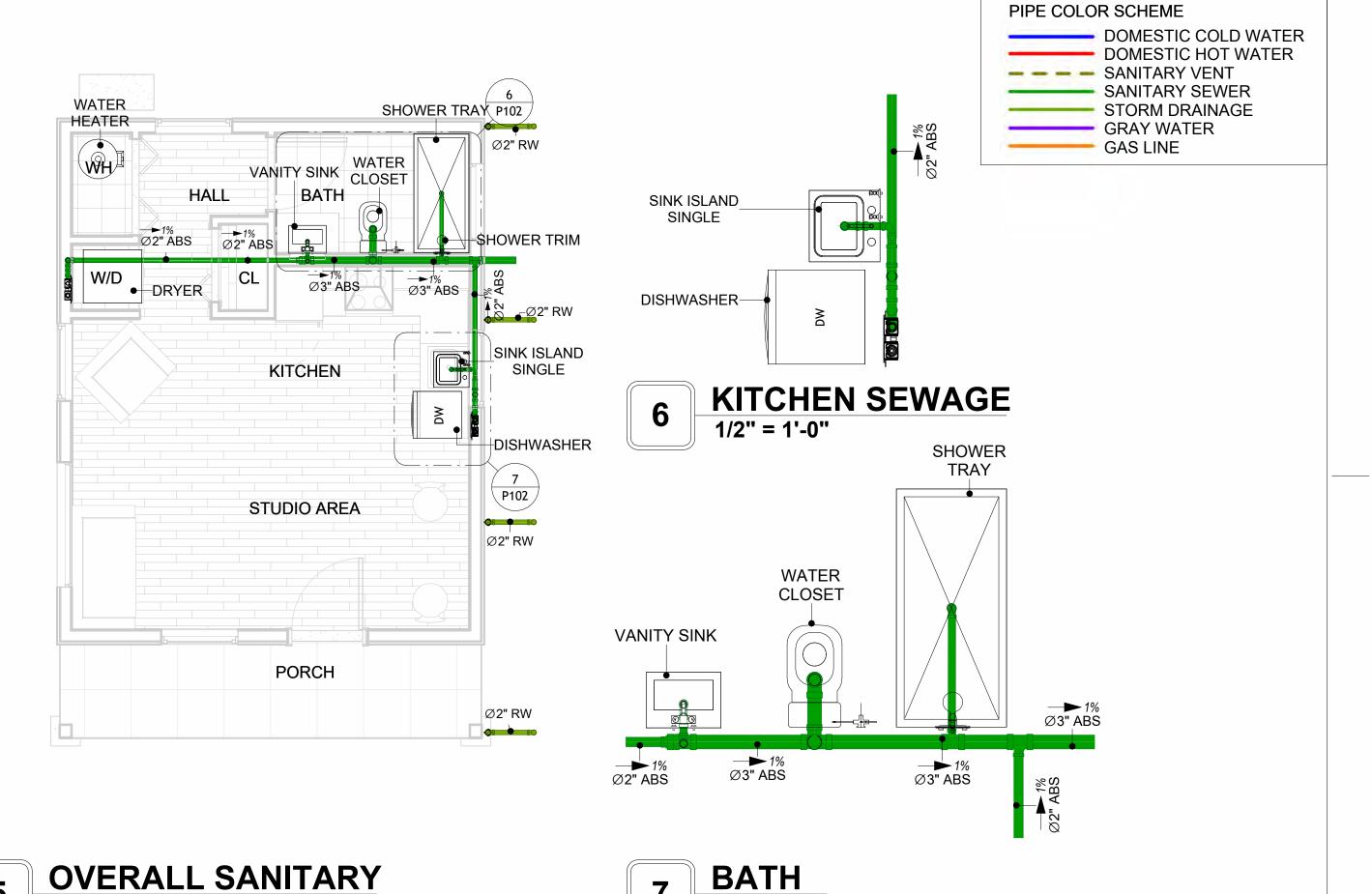
2 KITCHEN WATER SUPPLY
1/2" = 1'-0"



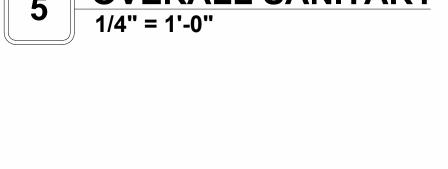
1 OVERALL WATER SUPPLY
1/4" = 1'-0"

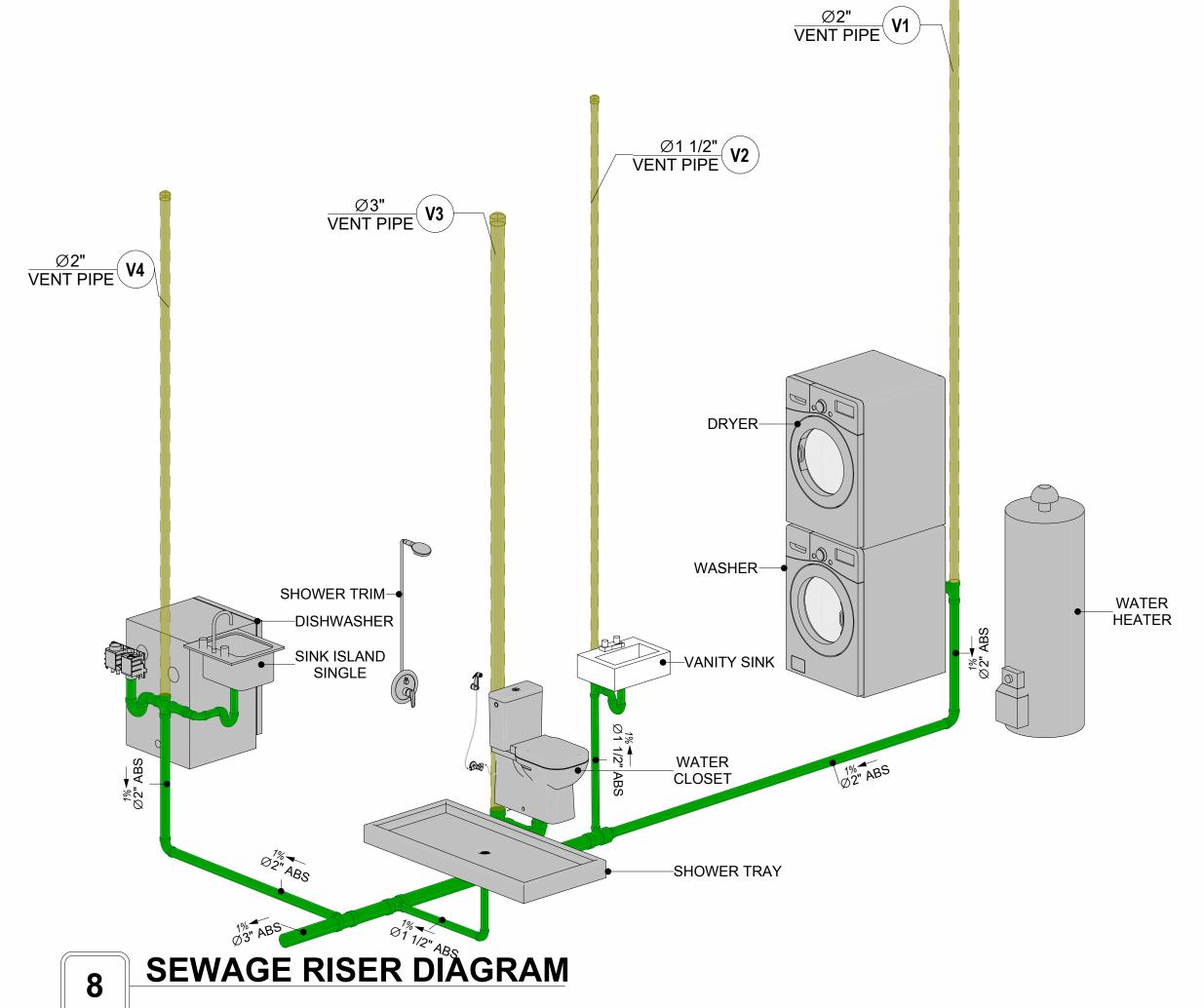
3 BATH WATER SUPPLY
1/2" = 1'-0"





1/2" = 1'-0"







**KEY PLAN** 



NO.	DESCRIPTION	DATE

NOTE:

LEGEND:

PROJECT

101-Bennett-389-Studio Modern-550

DRAWING NAME

# WATER SUPPLY AND SEWAGE SYSTEM

CLIENT NAME:

PROJECT NUMBER:

00193\_11

DATE:

3/4/2025 11:53:58 AM

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

#### Universal Requirements - some or all may be required

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

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

#### **Bennett-Studio-Modern**





## Bennett-Studio-Modern MATERIAL SHOPPING LIST

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

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

#### TOC



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# # 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

**PLUMBING BOM** 

**Table Of Content** 

#### Have It Your Way!

ARCHITECTURAL BOM

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

#### **GENERAL NOTES**

**4** PLUMBING BOM

6 ARCHITECTURAL BOM

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

#### **ARCHITECTURAL BOM**



	Bennett-Studio-Modern									
		ARCHITECTI				T	<b>.</b>			
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description			
1	APPLIANCES  Defrigarator		PCS	1 1						
1	Refrigerator		PCS	1						
3	Range		PCS	1						
4	Washer		PCS	1						
5	Dryer Dish Washer		PCS	1						
6	Oven		PCS	0						
7	Microwave CASEWORKS		PCS	0						
<u>∩</u>			let.	10.41						
1	Kitchen Cabinet		FT	13.41						
	Laundry Cabinet		FT	2.25						
3	Vanity Cabinet		FT	2.6						
	Medicine Cabinet		PCS	1 10.40						
5	Kitchen countertop		SF	19.49						
6	Laundry Countertop		PCS	0						
7	Bathroom Countertop		SF	0						
8	Island		FT	0						
9	Peninsula		FT	0						
	Closets		SF	21.29						
	CEILING									
1	Ceiling Board	Dry Wall	SF	457						
	Dry Wall Fastener	Screw	PCS	799.75						
3	Vapor Retarder	Polyethylene film	SF	812						
4	Vapor Retarder Fastener	Nails with washer heads	PCS	2436						
5	Ceiling Board (MRD)	Moisture resistant drywall	SF	49						
6	MRD Fastener		PCS	85.75						
7	Ceiling Board	Marine Plywood	SF	306						
	Marine Plywood Fastener	Screw	PCS	535.5						
9	Dry Wall Tape		FT	406						
Δ	FLOORING	•								
1	Main Living Space		SF	281.01						
2	Bathroom		SF	50.23						
3	Porch		SF	72.45						
Δ	STRUCTURE									
1	Foundation		SF	461.06						
	WALLS EXTERIOR	·								
1	Board		SF	667						
2	Batten	9 batten/board	SF	187.59375						
3	Batten and Board Fastener	Self-drilling screws(100/pkt)	PKT	11.255625						
4	Wall Shteathing (OSB)	<u> </u>	SF	667						
5	Shteathing Fastener	Self-drilling screws(100/pkt)	PKT	6.67						
6	Wall Homewrap	3	SF	667						
	Homewrap Fastener	Stapled fastener (200/pkt)	PKT	2.5346						
8	Furring Strip		PCS	83.375						
9	Furring Strip Fastener	Self-drilling screws(100/pkt)	PKT	6.67						
10	Wall Paint		SF	667						
	Stone Copping	Masonry stone	SF	0						
12	Stone Veneer	Masonry stone	SF	0						
	Mortar for Stone Veneer		SF	0						
	Wall Insulation		SF	2311						
	WALLS INTERIOR		51	12011						
	Cementitious Backer Board		SF	316						
	Kerdi membrane		SF	316						
	Kerdi membrane Fastener		SF	316						
	Wall Ceramic Tile		SF	316						
	Drywall Board	Colf drilling opening (4.00/-14)	SF	811						
	Drywall Fastener Wall Paint	Self-drilling screws(100/pkt)	PKT	8.11						
7	Loran Paint	The state of the s	SF	811						
	Drywall Tape		FT	152	i					

#### **ARCHITECTURAL BOM**



	DOORS					
1	Interior Swinging	3' - 0" X 6'-8"	PCS	1		
2	Exterior Swinging	3' - 0" X 6'-8"	PCS	1		
3	Bifold	4' - 0" X 6'-8"	PCS	1		
4	Single Fold	3' - 0" X 6'-8"	PCS	1		
5	Exterior Door Trim		FT	16.3		
6	Interior Door Trim		FT	116		
7	Entry Lock set			1		
8	Privacy Lock set			1		
9	Passage Lock set			2		
Δ	WINDOWS					
1	Single Hung	3' - 3" X 3'-3"	PCS	4		
2	Awning	5' - 3" X 3'-3"	PCS	1		
3	Awning	3' - 3" X 1'-9"	PCS	1		
4	Exterior Window Trim		FT	80		
5	Interior Window Trim		FT	80		
	ROOF					
1	Roof Covering		SF	1001		
2	Roof Covering Fastener		PCS	500.5		
3	Roof Felt Paper		SF	1001		
4	Roof Felt Paper Fastener		PCS	3003		
5	Roof Sheathing		SF	1001		
6	Roof Sheathing Fastener		PCS	8008		
7	Batten		FT	0		
8	Batten Fastener		PCS	0		
9	Soffit		SF	120		
10	Soffit Fastener		PCS	60		
11	Fascia		FT	127		
12	Fascia board fastener		PCS	63.5		
13	Roof Insulation		SF	1001		



	В	ennett-Studio-Mod	lern		
	FI FCTRIC	AL MATERIAL SHO	OPPING LIS	T	
No.	Item	Type	Unit	Quantity	Description
	LIGHTING FIXTURES	, <u>,,,,</u>		,,	
1	Kitchen Ceiling Light		PCS	3	
2	Kitchen Wall Mounted Light		PCS	1	
3	Exterior Wall Mounted Light		PCS	1	
4	Livingroom Ceiling Light With Fan		PCS	1	
5	Bedroom Ceiling Light With Fan		PCS	0	
6	Dining Ceiling Light		PCS	0	
7	Bath Wall Mounted Light		PCS	1	
8	Bathroom Ceiling Light		PCS	2	
_	Livingroom Ceiling Light		PCS	4	
	Bedroom Ceiling Light		PCS	0	
	Hall & Entry Ceiling Light		PCS	2	
	Closet Ceiling Light	$\dashv$	PCS	0	
	Smoke Detector		PCS	0	
	ELECTRICAL FITTINGS		1 00		
_	Standard Receptacle 120V	20A	PCS	5	
_	GFCI Receptacle 120V	20 A	PCS	12	
16	GFCI Receptacle 240V	30 A	PCS	2	
17	GFCI Receptacle 240V	50 A	PCS	1	
_	GFCI Receptacle 240V	60 A	PCS	1	
18	Fan Switch	00 A			
			PCS	1	
	Single Pole Switch		PCS	4	
	Three Way Switch		PCS	4	
_	Dimmer Switch		PCS	1	
	ELECTRICAL CONDUITS & WIRING		FT		
	ROMEX 14 AWG	14/2/W/ground	FT	92	
	ROMEX 12 AWG	12/3/W/ground	FT	215	
	ROMEX 12 AWG	12/2/W/ground	FT	0	
	ROMEX 10 AWG	10/3/W/ground	FT	0	
27	ROMEX 10 AWG	10/2/W/ground	FT	79	
_	Romex 8 AWG	8/3/W/ground	FT	0	
	Romex 8 AWG	8/2/W/ground	FT	24	
	ROMEX 6 AWG	6/3/W/ground	FT	45	
31	Bare Copper Ground Wire 6 AWG		FT	0	
	ELECTRICAL BOXES & CIRCUTES				
	Panelboard -240V 1 Phase MLO	200 AMP	PCS	1	
33	Circuit breaker	15 A	PCS	3	
34	Circuit breaker	20 A	PCS	8	
35	Circuit breaker	30 A	PCS	2	
36	Circuit breaker	50 A	PCS	1	
37	Circuit breaker	60 A	PCS	1	
	Single Gang Switch Box		PCS	4	
	Double Gang Switch Box		PCS	0	
	Triple Gang Switch Box		PCS	2	
	Pull Box	#1/4	PCS	12	
	Receptacle Box		PCS	23	

### **PLUMBING BOM**

# Bennett-Studio-Modern PLUMBING SYSTEM MATERIAL SHOPPING LIST Type Unit Quantity Unit Price Total D

No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description
	PLUMBING FIXTURES & ACCESSORIES	<u>'</u>					
1	Bath Tub (Alcove Tub)		PCS	0			
2	Kitchen Sink		PCS	1			
3	Kitchen Faucets		PCS	1			
4	Vanity Sink		PCS	1			
5	Bath room Faucets		PCS	1			
6	Water Closet		PCS	1			
7	Shower Trim		PCS	1			
8	Shower Tray		PCS	1			
9	Water Heater		PCS	1			
10	Hose Bib		PCS	1			
11	Shutoff Valve		PCS	6			
12	Hanging pipe clamp		PCS	8			
13	Gate Valve		PCS	1			
14	Dishwasher Supply Single Connector		PCS	1			
15	Dishwasher Sewage Single Connector		PCS	1			
16	Laundry Sweat Connector		PCS	1			
	SANITARY & PLUMBING PIPES						
1	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1"	FT	0			
2	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 1 1/2"	FT	22			
3	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 2"	FT	45			
4	ABS (Acrylonitrile Butadiene Styrene) Pipes	ø 3"	FT	21			
5	PEX (Cross-linked polyethylene) Pipes	ø 1/2"	FT	81			
6	PEX (Cross-linked polyethylene) Pipes	ø 3/4"	FT	43			
7	PEX (Cross-linked polyethylene) Pipes	ø 1"	FT	1			
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"	FT	0			
9	PVC Pipes Sch.80 - Rigid	ø 2"	FT	34			
10	PVC Pipes Sch.80 - Rigid	ø 3"	FT	0			
11	Flex Pipe Round	ø 1/2"	PCS	6			

### **PLUMBING BOM**

	PIPE FITTINGS					
24	ABS 90 Degree Bend Elbow	1 1/2"ø-1 1/2"ø	PCS	2		
	ABS 90 Degree Bend Elbow	2"ø-2"ø	PCS	2		
	ABS 90 Degree Bend Elbow	3"ø-3"ø	PCS	1		
	ABS P-Trap	1 1/2"ø-1 1/2"ø	PCS	2		
	ABS P-Trap	2"ø-2"ø	PCS	2		
	ABS Reducer Elbow	2"ø-1 1/2"ø	PCS	1		
	ABS Reducer Elbow	3"ø-2"ø	PCS	1		
31	ABS TEE Elbow	1 1/2"ø-1 1/2"ø-1 1/2"ø	PCS	1		
32	ABS TEE Elbow	2"ø-2"ø-2"ø	PCS	1		
33	ABS TEE Elbow	3"ø-3"ø-3"ø	PCS	2		
34	ABS Tee Reducer Elbow	3"ø-3"ø-1 1/2"ø	PCS	2		
	ABS Tee Reducer Elbow	3"ø-3"ø-2"ø	PCS	1		
	ABS Vent Cap Elbow	1 1/2"ø	PCS	1		
	ABS Vent Cap Elbow	2"ø	PCS	2		
	ABS Vent Cap Elbow	3"ø	PCS	1		
	PEX 90 Degree Elbow	1/2"ø-1/2"ø	PCS	26		
40	PEX 90 Degree Elbow	3/4"ø-3/4"ø	PCS	3		
41	PEX Tee Elbow	1/2"ø-1/2"ø-1/2"ø	PCS	4		
	PEX Tee Elbow	3/4"ø-3/4"ø-3/4"ø	PCS	7		
	PEX Transition Elbow	1"ø-3/4"ø	PCS	1		
44	PEX Transition Elbow	3/4"ø-1/2"ø	PCS	7		
45	PVC 90 Deg Bend Elbow	2"ø-2"ø	PCS	12		
46	WASTE DOUBLE TEE	2"ø-2"ø-2"ø	PCS	1		

### **HVAC BOM**

		Bennett	-Studio-	Modern			
		HVAC SYSTEM MA	ATERIAL	SHOPP	ING LIST		
No.	Item	Туре	Unit	Quantity	Unit Price	Total	Description
<u></u>	HVAC_DUCTS						
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)	FT	1.44			
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)	FT	43.62			
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)	FT	1.41			
4	PIPE (REFRIGERANT LINE)	3/4''' (Ø)	FT	51.05			
5	DRAYER HOSE	4" (Ø)	FT	4.7			
6	FLEX DUCT ROUND	4" (Ø)	FT	4.02			
	DUCT FITTINGS & ACCESSORIES						
7	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)	PCS	2			
8	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)	PCS	4			
9	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)	PCS	9			
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)-5/8" (Ø)	PCS	1			
13	TRANSITION (REFRIGERANT	3/8" (Ø)-1/4" (Ø)	PCS	1			
Δ	HVAC_EQUIPMENTS						
14	AIR HANDLING UNIT	WALL MOUNTED	PCS	1			
15	CONDENSER	OUTDOOR UNIT	PCS	1			
16	EXHAUST FAN	75 CFM	PCS	1			
17	EXHAUST HOOD	WALL MOUNTED	PCS	1			
18	HOOD-WALL: VENT	HOOD-WALL: VENT	PCS	1			
19	DRAYER: VENT	DRAYER: VENT	PCS	1			
20	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**

- 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.
- The customer is advised to consult a qualified professional or technician prior to purchasing materials for specialized construction system items. Some items including but not limited to caseworks, doors and windows may require as built measurements prior to purchase to confirmation of final dimensions.
- 7 If there are additional trim elements or specific installation methods, the total amount of materials needed might vary. Consider any additional trim required for corners, intersections, or other architectural details that might cause this variations before proceeding to purchase and construction.



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



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



		ELECTR	ICAL CONDUITS & WIRING				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ROMEX 14 AWG	14/2/W/ground		FT	92		
2	ROMEX 12 AWG	12/3/W/ground		FT	215		
3	ROMEX 12 AWG	12/2/W/ground		FT	0		
4	ROMEX 10 AWG	10/3/W/ground		FT	0		
5	ROMEX 10 AWG	10/2/W/ground		FT	79		
6	Romex 8 AWG	8/3/W/ground		FT	0		
7	Romex 8 AWG	8/2/W/ground		FT	24		
8	ROMEX 6 AWG	6/2/W/ground		FT	45		
9	Bare Copper Ground Wire 6 AWG			FT			
10							
11							
12							
13							
14							
15							
16							



		ELEC	CTRICAL BOXES & CIRCUTES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Panelboard -240V 1 Phase MLO	200 AMP		PCS	1		
2	Circuit breaker	15 A		PCS	3		
3	Circuit breaker	20 A		PCS	8		
4	Circuit breaker	30 A		PCS	2		
5	Circuit breaker	50 A		PCS	1		
6	Circuit breaker	60 A		PCS	1		
7	Single Gang Switch Box			PCS	4		
8	Double Gang Switch Box			PCS	0		
9	Triple Gang Switch Box			PCS	2		
10	Pull Box	#1/4		PCS	12		
11	Receptacle Box			PCS	23		
12							
13							
14							
15							

## **HVAC BOM**

			HVAC_DUCTS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	<b>Unit Price</b>	Total
1	PIPE (REFRIGERANT LINE)	1/4" (Ø)		FT	1.44		
2	PIPE (REFRIGERANT LINE)	3/8" (Ø)		FT	43.62		
3	PIPE (REFRIGERANT LINE)	1/2" (Ø)		FT	1.41		
4	PIPE (REFRIGERANT LINE)	3/4"' (Ø)		FT	51.05		
5	DRAYER HOSE	4" (Ø)		FT	4.7		
6	FLEX DUCT ROUND	4" (Ø)		FT	4.02		

## **HVAC BOM**

		D	UCT FITTINGS & ACCESSORIES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	<b>Unit Price</b>	Total
1	ELBOW (REFRIGERANT LINE)	1/2" (Ø)-1/2" (Ø)		PCS	2		
2	ELBOW (REFRIGERANT LINE)	1/4" (Ø)-1/4" (Ø)		PCS	4		
3	ELBOW (REFRIGERANT LINE)	3/4" (Ø)-3/4" (Ø)		PCS	9		
4	ELBOW (REFRIGERANT LINE)	3/8" (Ø)-3/8" (Ø)		PCS	7		
5	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-1/2" (Ø)		PCS	2		
6	TRANSITION (REFRIGERANT LINE)	3/4" (Ø)-5/8" (Ø)		PCS	1		
7	TRANSITION (REFRIGERANT LINE)	3/8" (Ø)-1/4" (Ø)		PCS	1		

# **HVAC BOM**

			HVAC_EQUIPMENTS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
L	AIR HANDLING UNIT	WALL MOUNTED		PCS	1		
2	CONDENSER	OUTDOOR UNIT		PCS	1		
1	EXHAUST FAN	75 CFM		PCS	1		
ļ.	EXHAUST HOOD	WALL MOUNTED		PCS	1		
<u>,                                    </u>	HOOD-WALL: VENT	HOOD-WALL: VENT		PCS	1		
5	DRAYER: VENT	DRAYER: VENT		PCS	1		
7	ROOF VENT	3"(Ø)		PCS	1		
3							
)							
LO							
L1							
.2							
L3							
14							

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

		S	ANITARY & PLUMBING PIPES				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	ABS (Acrylonitrile Butadiene	ø 1"					
	Stvrene) Pipes			FT	0		
2	ABS (Acrylonitrile Butadiene	ø 1 1/2"					
	Stvrene) Pipes			FT	22		
3	ABS (Acrylonitrile Butadiene	Ø 2"		FT	45		
	Styrene) Pipes			FT	45		
4	ABS (Acrylonitrile Butadiene	Ø 3"		FT	21		
	Styrene) Pipes	4/01		FI	21		
5	PEX (Cross-linked	ø 1/2"		FT	81		
6	polvethylene) Pipes	ø 3/4"		1 1	01		
0	PEX (Cross-linked	0 3/4		FT	43		
7	polvethvlene) Pipes PEX (Cross-linked	ø 1"			10		
ļ′	polvethylene) Pipes			FT	1		
8	PVC Pipes Sch.80 - Rigid	ø 1 1/2"					
	Tronipos comoc ragia	~2		FT	0		
9	PVC Pipes Sch.80 - Rigid	ø 2"					
	'			FT	34		
10	PVC Pipes Sch.80 - Rigid	ø 3"					
				FT	0		
11	Flex Pipe Round	ø 1/2"		D00	,		
				PCS	6		
					1		

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

	PIPE FITTINGS 02									
# Ite	em	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total			
1 PE	EX 90 Degree Elbow	1/2"ø-1/2"ø		PCS	26					
PE	EX 90 Degree Elbow	3/4"ø-3/4"ø		PCS	3					
PE	EX Tee Elbow	1/2"ø-1/2"ø-1/2"ø		PCS	4					
PE	EX Tee Elbow	3/4"ø-3/4"ø-3/4"ø		PCS	7					
PE	EX Transition Elbow	1"ø-3/4"ø		PCS	1					
PE	EX Transition Elbow	3/4"ø-1/2"ø		PCS	7					
' PV	VC 90 Deg Bend Elbow	2"ø-2"ø		PCS	12					
3 WA	ASTE DOUBLE TEE	2"Ø-2"Ø-2"Ø-2"Ø		PCS	1					



			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	(		
7	Microwave			PCS	(		
8							
9							
10							
11							
12							
13							
14							
15							
16							



			CASEWORKS 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Kitchen Cabinet			FT	13.41		
2	Laundry Cabinet			FT	2.25		
3	Vanity Cabinet			FT	2.6		
4	Medicine Cabinet			PCS	1		
5	Kitchen countertop			SF	19.49		
6	Laundry Countertop			PCS	0		
7	Bathroom Countertop			SF	0		
8	Island			FT	0		
9	Peninsula			FT	0		
10	Closets			SF	21.29		
11							
12							
13							
14							
15							



			CEILING 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	STUDIO			SF	243.6	,	
1	Ceiling Board	Drywall		SF	244		
2	Drywall Fastener	Screw		PCS	426		
3	Vapor Retarder	Polyethylene film		SF	243.6		
4	Vapor Retarder Fastener	Nails with washer heads		PCS	730.9		
	BATHROOM			SF	43.8		
5	Ceiling Board	MRD (Moisture resistant drywall)		SF	44		
6	MRD Fastener	Screw		PCS	77		
	HALL + WD			SF	41.3		
7	Ceiling Board	Drywall		SF	41		
8	Drywall Fastener	Screw		PCS	72		
9	Vapor Retarder	Polyethylene film		SF	41.3		
10	Vapor Retarder Fastener	Nails with washer heads		PCS	123.9		
	PORCH			SF	232.3		
11	Ceiling Board	Marine Plywood		SF	232		
12	Exterior Grade Plywood	Screw		PCS	406		



			CEILING 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	CLOSET			SF	7.7		
13	Ceiling Board	Drywall		SF	8		
14	Drywall Fastener	Screw		PCS	14		
15	Vapor Retarder	Polyethylene film		SF	7.7		
16	Vapor Retarder Fastener	Nails with washer heads		PCS	23.2		
	WH			SF	11.6		
17	Ceiling Board	Drywall		SF	12		
18	Drywall Fastener	Screw		PCS	20		
19	Vapor Retarder	Polyethylene film		SF	11.6		
20	Vapor Retarder Fastener	Nails with washer heads		PCS	34.7		



	1		FLOORING INTERIOR 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	CL #1						
7	Closet Flooring			SF	8		
8	Wood underlay	Foam Pad Polyethylene		SF	8		
9	Vapor Retarder	Vapor Barrier Polyethylene		SF	8		
	LIVING ROOM AND KITCHI	EN					
13	Living Area Flooring			SF	273		
14	Wood underlay	Foam Pad Polyethylene		SF	273		
15	Vapor Retarder	Vapor Barrier Polyethylene		SF	273		
	BATHROOM 1						
11	Tile Finish			SF	31		
12	Adhesive	1/2" Thin set Mortar		SF	31		
13	Vapor Retarder	Vapor Barrier Polyethylene		SF	31		



			FLOORING INTERIOR 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	W/D						
14	Tile Finish			SF	8		
15	Adhesive	1/2" Thin set Mortar		SF	8		
16	Vapor Retarder	Vapor Barrier Polyethylene		SF	8		
	BOILER ROOM						
17	Tile Finish			SF	11		
18	Adhesive	1/2" Thin set Mortar		SF	11		
19	Vapor Retarder	Vapor Barrier Polyethylene		SF	11		



			FLOORING EXTERIOR			
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price
	STRUCTURE			SF	461.06	
1	Concrete Slab	4"concrete cast in situ		CF	153.69	
2	Insulation	Rigid insulation		SF	176.31	
3	Hard core	Compacted soil		CF	111.66	
4	Re-bar	#4 re-bar		Ton	0.48	
5	Concrete Pad	4"concrete cast in situ		CF	1.58	
6	Slab edge	Turndown		CF	143.46	
7	Footing	Cast-in-place concrete		CF	4.68	
	PORCH FRONT					
1	Tile Finish			SF	72.45	
2	Adhesive	1/2" Thin set Mortar		SF	72.45	
3	Vapor Retarder	Vapor Barrier Polyethylene		SF	72.45	



			WALLS: EXTERIOR				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Board			SF	667		
2	Batten	9 batten/board		PCS	187.59375		
3	Batten and Board Fastener	Self-drilling screws(100/pkt)		PKT	11.255625		
4	Wall Shteathing (OSB)			SF	667		
5	Shteathing Fastener	Self-drilling screws(100/pkt)		PKT	6.67		
6	Wall Homewrap			SF	667.00		
7	Homewrap Fastener	Stapled fastener (200/pkt)		PKT	2.53		
8	Furring Strip			PCS	83.375		
9	Furring Strip Fastener	Self-drilling screws(100/pkt)		PKT	6.67		
10	Wall Paint			SF	667		
11	Stone Copping	Masonry stone		SF	0		
12	Stone Veneer	Masonry stone		SF	0		
13	Mortar for Stone Veneer			SF	0		
14	Wall Insulation			SF	2311		
15							



			WALLS: INTERIOR 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	BATHROOM			SF	42.0		
1	Cementitious Backer Board			SF	205		
2	Kerdi membrane			SF	205		
3	Kerdi membrane Fastener			SF	205		
4	Wall Ceramic Tile			SF	205		
	CLOSET			SF	8.0		
5	Drywall Board			SF	88		
6	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	0.88		
7	Wall Paint			SF	88		
8	Drywall Tape			FT	16.5		
	HALL	,		SF	33.0		
9	Drywall Board			SF	124		
10	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.24		
11	Wall Paint			SF	124		
12	Drywall Tape			FT	23.3		



			WALLS: INTERIOR 02				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	STUDIO			SF	178.0		
13	Drywall Board			SF	360		
14	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	3.6		
15	Wall Paint			SF	360		
16	Drywall Tape			FT	67.5		
	KITCHEN			SF	59.0		
17	Cementitious Backer Board			SF	20		
18	Drywall Board			SF	120		
19	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.2		
20	Kerdi membrane			SF	20		
21	Kerdi membrane Fastener			SF	20		
22	Wall Ceramic Tile			SF	20		
23	Wall Paint			SF	120		
24	Drywall Tape			FT	22.6		



			WALLS: INTERIOR 03				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
	WD			SF	7.0		
25	Cementitious Backer Board			SF	91		
26	Kerdi membrane			SF	91		
27	Kerdi membrane Fastener			SF	91		
28	Wall Ceramic Tile			SF	91		
	WH			SF	7.0		
29	Drywall Board			SF	119		
30	Drywall Fastener	Self-drilling screws(100/pkt)		PKT	1.19		
31	Wall Paint			SF	119		
32	Drywall Tape			FT	22		
1	Wall Sweep			FT	78		



			DOORS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Interior Swinging	3' - 0" X 6'-8"		PCS	1		
2	Exterior Swinging	3' - 0" X 6'-8"		PCS	1		
3	Bifold	4' - 0" X 6'-8"		PCS	1		
4	Single Fold	3' - 0" X 6'-8"		PCS	1		
5	Exterior Door Trim			FT	16.3		
6	Interior Door Trim			FT	116		
7	Entry Lock set			PCS	1		
8	Privacy Lock set			PCS	1		
9	Passage Lock set			PCS	2		
10							
11							
12							
13							
14							
15							



			WINDOWS				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Single Hung	3' - 3" X 3'-3"		PCS	4		
2	Awning	5' - 3" X 3'-3"		PCS	1		
3	Awning	3' - 3" X 1'-9"		PCS	1		
4	Exterior Window Trim			FT	80		
5	Interior Window Trim			FT	80		
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							



			ROOF 01				
#	Item	Туре	Description, Manufacturer, SKU	Unit	Quantity	Unit Price	Total
1	Roof Covering			SF	627.0		
2	Roof Covering Fastener			PCS	314		
3	Roof Felt Paper			SF	627.0		
4	Roof Felt Paper Fastener			PCS	1881.0		
5	Roof Sheathing			SF	627.0		
6	Roof Sheathing Fastener			PCS	5016		
7	Batten			FT	0.0		
8	Batten Fastener			PCS	0.0		
9	Soffit			SF	0.0		
10	Soffit Fastener			PCS	0.0		
11	Fascia			FT	101.0		
12	Fascia board fastener			PCS	51		
13	Roof Insulation			SF	627.0		
14							
15							