



Ranch Base



Ranch Base Roof



Ranch Porch



Ranch Porch Roof



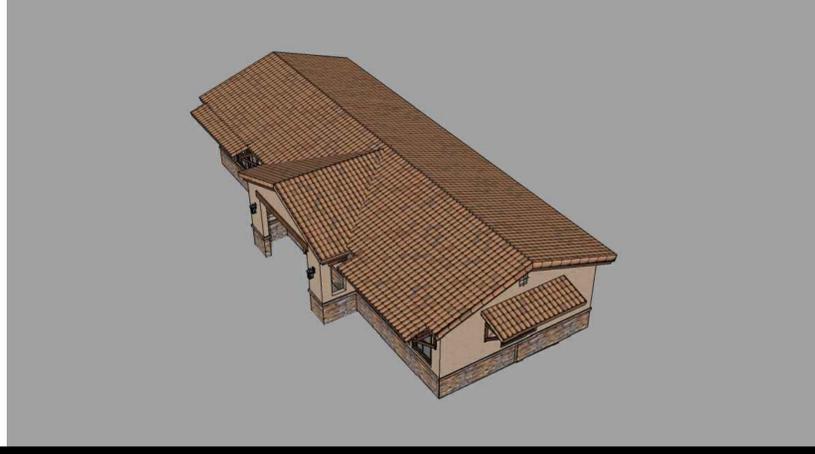
Tuscan Base



Tuscan Base Roof



Tuscan Porch



Tuscan Porch Roof

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description  
Exterior Style Options

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sheet no. T1.2

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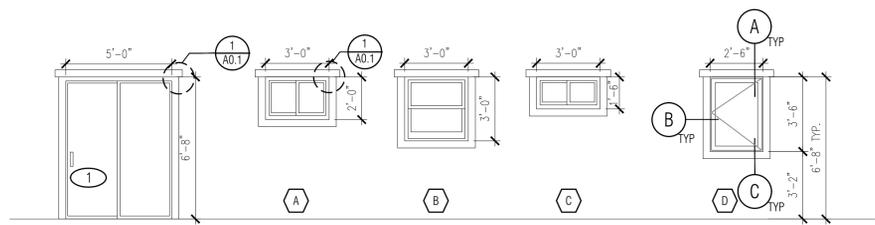
WINDOW SCHEDULE										DOOR SCHEDULE														
WINDOW	WINDOW SIZE		OPER.	QNTY	FRAME	HEAD HEIGHT	LOCATION	REMARKS	VHFSZ NOTES SEE SHEET G0.3 (WHEN REQ'D)	SHGC	U- FACTOR	DOOR	DOOR TYPE	DOOR SIZE			CORE	MATERIAL	FRAME	LOCATION	REMARKS	VHFSZ NOTES SEE SHEET G0.3 (WHEN REQ'D)	SHGC	U- FACTOR
	WIDTH	HEIGHT												WIDTH	HEIGHT	THICK.								
A	3'-0"	2'-0"	SLIDER	4	VINYL	6'-8"	BEDROOM		NOTE 15 & 16	0.23	0.3	1	FRENCH DOOR	5'-0"	6'-8"	1-3/4"	GL	VNL/GLASS	VINYL	FRONT ENTRY		NOTE 15, 16, 17, & 18	0.23	0.3
B	3'-0"	3'-0"	SINGLE HUNG	2	VINYL	6'-8"	LIVING ROOM KITCHEN		NOTE 15 & 16	0.23	0.3	2	SINGLE DOOR	3'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM DOOR		NOTE 15, 16, 17, & 18	0.23	0.3
C	3'-0"	1'-6"	SLIDER	1	VINYL	6'-8"	BATHROOM		NOTE 15 & 16	0.23	0.3	3	SLIDING DOOR	10'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM CLOSET DOOR				
D	2'-6"	3'-6"	CASEMENT	6	VINYL	6'-8"	BEDROOM	NOTE 7 PER PLAN	NOTE 15 & 16	0.23	0.3	4	SINGLE DOOR	3'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BATHROOM DOOR				
												5	SINGLE DOOR	2'-6"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM DOOR				
												6	SLIDING DOOR	10'-0"	6'-8"	1-3/4"	HLW	WOOD	WD	BEDROOM CLOSET DOOR				
												7	SINGLE DOOR	2'-6"	6'-8"	1-3/4"	HLW	WOOD	WD	WATER HEATER	LOUVERED/NOTE 9			

**WINDOW NOTES**

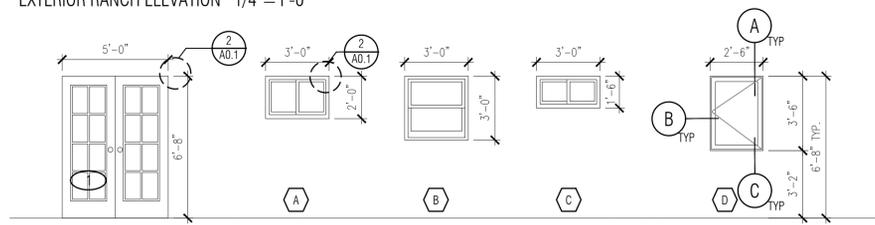
- SEE EXTERIOR ELEVATION FOR DIRECTION OF OPERATION OF WINDOWS (ALL OPERABLE WINDOWS TO HAVE SCREENS).
- ALL WINDOW DIMENSIONS PERTAIN TO ROUGH OPENINGS (R.O.). CONTRACTOR TO FIELD VERIFY ACTUAL DIMENSIONS FOR WINDOWS.
- ALL GLAZING WILL BE INSTALLED WITH A CERTIFYING LABEL ATTACHED, SHOWING THE NFRC LABEL.
- ALL GLAZING SHALL BE SPECTRALLY SELECTIVE LOW E COATED TO MEET TITLE 24 ENERGY REQUIREMENTS.
- WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 116 E.E.S.D.
- VENTILATION SHALL COMPLY WITH C.B.C. 1203.4 AND R303.
- EVERY SLEEPING ROOM SHALL HAVE ONE OPERABLE WINDOW FOR EMERGENCY ESCAPE OR RESCUE WITH A MIN. NET CLEAR OPENABLE AREA OF 5.7 SQ. FT. MIN. NET CLEAR OPENABLE HEIGHT OF 24" MIN., NET CLEAR WIDTH OF 20" AND A FIN. SILL HEIGHT OF NOT MORE THAN 44" A.F.F. PER CRC SECTION 3101.
- TEMPERED GLASS SHALL BE PERMANENTLY IDENTIFIED AND VISIBLE WHEN THE UNIT IS GLAZED.
- EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL VENTILATION AND NATURAL LIGHT BY MEANS OF VENTILATION / ARTIFICIAL LIGHT. CBC SECTIONS 1203.4 AND 1205.1 AND R303.
- THE MINIMUM NET GLAZED AREA FOR NATURAL LIGHT SHALL NOT BE LESS THAN 8% OF THE FLOOR AREA OF THE ROOM SERVED. CBC SECTION 1205.2.
- THE MINIMUM OPENABLE AREA TO THE OUTDOORS FOR NATURAL VENTILATION SHALL BE 4% OF THE FLOOR AREA BEING VENTILATED. SECTION 1203.4.
- EXTERIOR WINDOWS, WINDOW WALLS, GLAZED DOORS, AND GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING-GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE.
- FIRE-RESISTANCE RATED GLAZING TESTED AS PART OF A FIRE-RESISTANCE RATED WALL ASSEMBLY IN ACCORDANCE WITH ASTM E 119 OR UL 263 TO BE CONSTRUCTED OF MULTIPANE GLAZING WITH A MINIMUM OF ONE TEMPERED PANE MEETING THE REQUIREMENT OF SECTION 2406. CONSTRUCTED OF GLASS BLOCK UNITS, OR HAVE A FIRE-RESISTIVE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO NFPA 257.
- ALL FENESTRATIONS MUST HAVE TEMPORARY AND PERMANENT LABELS.

**DOOR NOTES**

- ALL GLASS IN DOORS SHALL BE TEMPERED. TEMPERED GLASS SHALL BE PERMANENTLY IDENTIFIED AND VISIBLE WHEN THE UNIT IS GLAZED.
- ALL GLAZING WILL BE INSTALLED WITH A CERTIFYING LABEL ATTACHED, SHOWING THE 'U' VALUE.
- REFER TO FLOOR PLANS FOR DIRECTION OF DOOR SWING.
- DOORS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 116 E.E.S.
- VENTILATION SHALL COMPLY WITH C.B.C. 1203.4 AND R303.
- DOORS MAY OPEN TO THE EXTERIOR ONLY IF THE FLOOR OR LANDING IS NOT MORE THAN 1 1/2 INCH LOWER THAN THE DOOR THRESHOLD. SECTION R311.3.1 CRC.
- GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING-GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE.
- EXTERIOR DOOR ASSEMBLIES SHALL CONFORM TO THE PERFORMANCE REQUIREMENTS OF STANDARD SFM 12-7A-1 OR SHALL BE OF APPROVED NONCOMBUSTIBLE CONSTRUCTION OR IGNITION-RESISTANT MATERIAL, OR SOLID CORE WOOD HAVING STILES AND RAILS NOT LESS THAN 1 3/8 INCHES THICK WITH INTERIOR FIELD PANEL THICKNESS NO LESS THAN 1 1/4 INCHES THICK, OR SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO NFPA 257.
- WATER HEATER CLOSET SHALL HAVE 1) AIR GAP UNDER DOOR EQUAL TO 18 SQ. IN (0.75" CLEARANCE); LOUVER MUST BE LOCATED THE SAME HEIGHT ON DOOR AS THE AIR EXHAUST ON HEATER ON HEATER. HEATER AIR EXHAUST MUST BE POSITIONED TOWARDS LOUVER WITHIN ONE FOOT OF DOOR.
- ALL FENESTRATIONS MUST HAVE TEMPORARY AND PERMANENT LABELS.

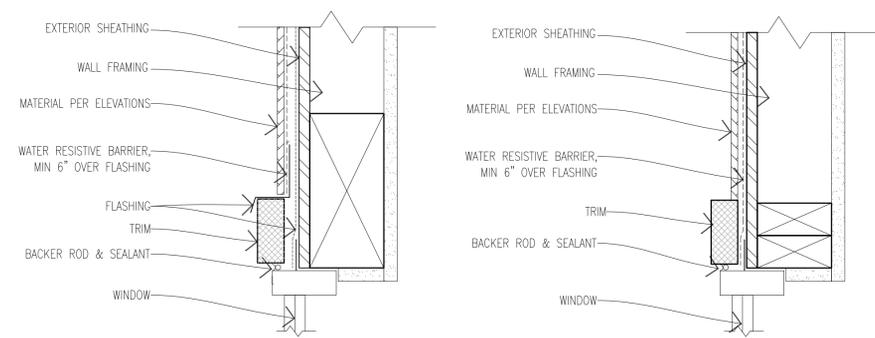


**1 ELEVATION VIEW RANCH TRIM DETAIL** SCALE: 1/2" = 1'-0"

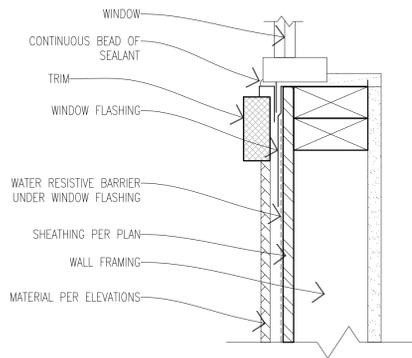


**2 ELEVATION VIEW TUSCAN TRIM DETAIL** SCALE: 1/2" = 1'-0"

EXTERIOR TUSCAN ELEVATION 1/4" = 1'-0"



**A HEAD SECTION VIEW**      **B JAMB PLAN VIEW**



**C SILL SECTION VIEW**

**WINDOW DETAILS**  
SCALE: 3" = 1'-0"

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**Door & Window Schedules**

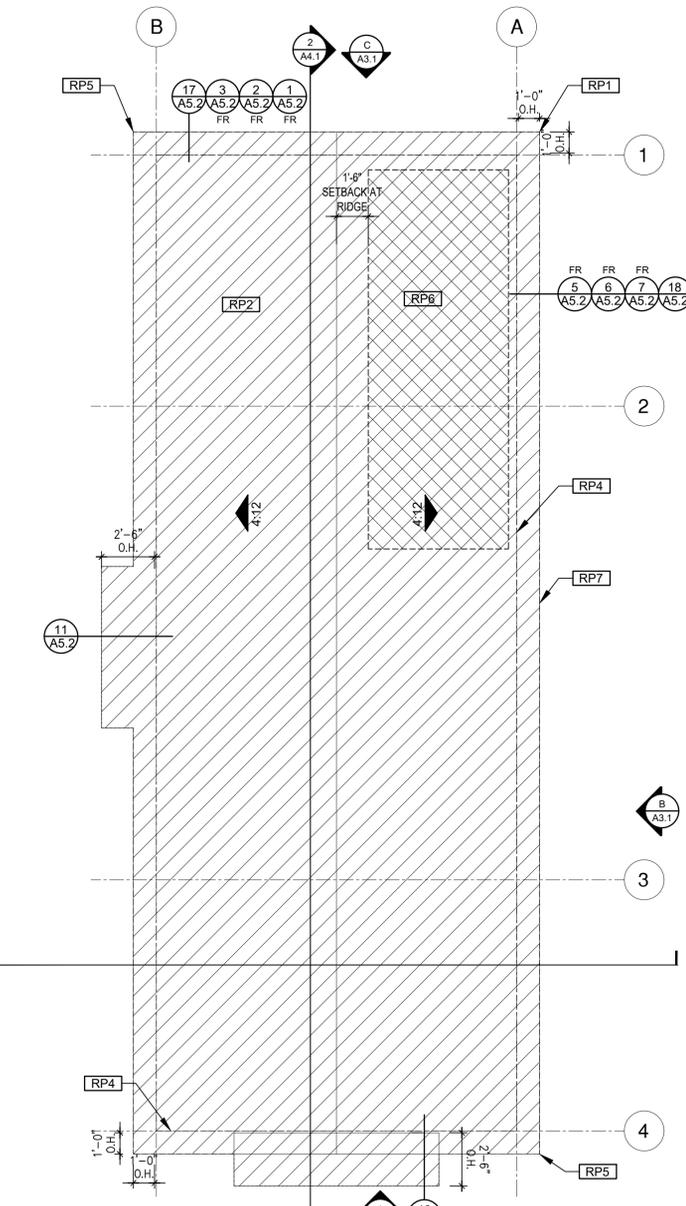
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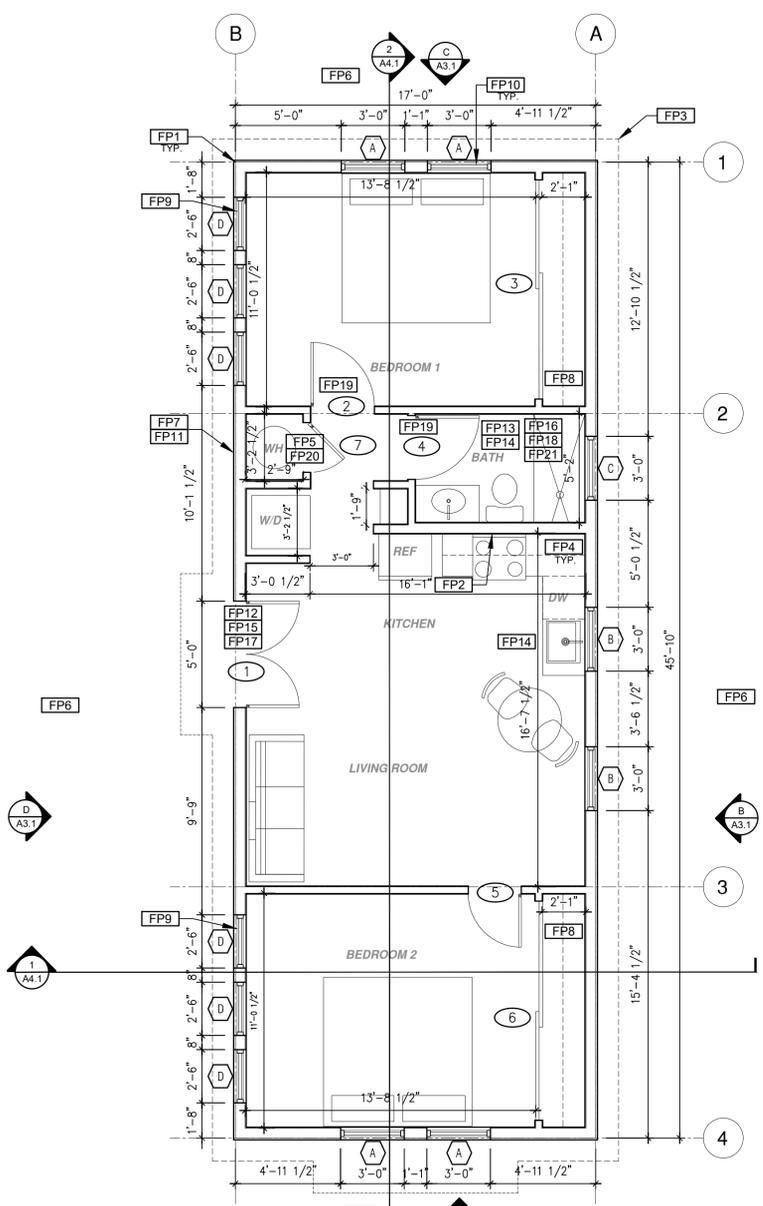
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**ROOF PLAN**  
 1/4"=1'-0" Ranch Base



**FLOOR PLAN**  
 1/4"=1'-0" 779 SQ. FT. Ranch Base

ROOF KEYNOTES	FLOOR PLAN KEYNOTES	SOLAR READY NOTES	LEGEND	
<p><b>RP1</b> LINE OF ROOF OVERHANG</p> <p><b>RP2</b> CLASS A ROOFING MATERIAL. SEE GENERAL ROOF NOTE 13 ON SHEET G0.2</p> <p><b>RP3</b> SUPPORT POST BELOW</p> <p><b>RP4</b> LINE OF WALLS BELOW</p> <p><b>RP5</b> ROOF DOWNSPOUT LOCATION TO BE DETERMINED BY SITE SPECIFIC CONDITIONS</p> <p><b>RP6</b> DESIGNATED SOLAR PANEL AREA. PLEASE SEE SOLAR READY NOTES ON THIS SHEET</p> <p><b>RP7</b> RAFTER VENTS TO MEET REQUIRED VENTILATION AREA FOR ENCLOSED RAFTER SPACES. MAX 1/4", MIN 3/4" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL. 1 SF OF VENTING PER 150 SF OF ENCLOSED RAFTER AREA IN NON-FIRE RATED CONSTRUCTION PLEASE SEE VENTING CALCULATIONS OF THIS SHEET FOR NON VENTED EAVES SEE INSULATIONS DETAILS 4, 8, AND 12 ON SHEET A5.2</p>	<p><b>FP1</b> STUD WALL SIZE PER STRUCTURAL</p> <p><b>FP2</b> 2X6 STUD WALL OR FURRING AS NEEDED FOR MECHANICAL / PLUMBING / VENTING</p> <p><b>FP3</b> LINE OF OVERHANG ABOVE</p> <p><b>FP4</b> 36" HIGH COUNTER</p> <p><b>FP5</b> WATER HEATER</p> <p><b>FP6</b> SLOPE SURFACE AWAY FROM BUILDING</p> <p><b>FP7</b> DRYER VENT TERMINATION ON EXTERIOR WALL TO BE A MINIMUM OF 3 FT FROM ANY OPENING</p> <p><b>FP8</b> CLOSET SHELF AND POLE</p> <p><b>FP9</b> EMERGENCY EGRESS WINDOW</p> <p><b>FP10</b> WINDOW MUST HAVE A FRAME AND SASH COMPOSED OF WELDED CORNERS, METAL REINFORCEMENT IN THE INTERLOCK AREA, AND CONSTRUCTED OF MULTIPANE TEMPERED GLAZING WHERE INDICATED TYPICAL ALL WINDOWS</p> <p><b>FP11</b> VENT DRYER THROUGH WALL. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP12</b> MIN. 1 HINGED ENTRY DOOR FOR EGRESS COMPLIANCE REQUIRED - THE EGRESS DOOR SHALL BE SIDE-HINGED AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP</p> <p><b>FP13</b> SURROUND AROUND THE SHOWER MUST BE TEMPERED. GLAZING IN THE WALLS/DOORS FACING OR CONTAINING BATHTUBS, SHOWERS, HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS AND INDOOR/OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE STANDING SURFACE. EXCEPTION: GLAZING THAT IS MORE THAN 60" MEASURED HORIZONTALLY, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL OR SWIMMING POOL.</p> <p><b>FP14</b> PER SECTION 301.1.1 CALGREEN AND CIVIL CODE 1101.3(c). ALL PLUMBING FIXTURES SHALL BE COMPLIANT WATER-CONSERVING PLUMBING FIXTURES. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p>	<p><b>FP15</b> LANDING OR FLOOR REQUIRED AT EACH SIDE OF EXTERIOR DOOR. WIDTH TO BE NOT LESS THAN THE DOOR SERVED AND HAVE A MIN 36 INCH DEPTH MEASURED IN THE DIRECTION OF TRAVEL. EXTERIOR LANDINGS SHALL BE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 1" PER FOOT. LANDINGS OR FINISHED FLOORS AT EGRESS DOOR SHALL NOT BE MORE THAN 1.5' LOWER THAN THE TOP OF THE THRESHOLD FOR OUTWARD SWINGING DOORS OR 7.75' FOR DOORS THAT DO NOT SWING OUTWARD.</p> <p><b>FP16</b> WALL COVERING SHALL BE CEMENT PLASTER, TILE OR APPROVED EQUAL TO 72" ABOVE DRAIN AT SHOWERS OR TUB WITH SHOWERS. MATERIALS OTHER THAN STRUCTURAL ELEMENTS ARE TO BE MOISTURE RESISTANT. CRC R307.2</p> <p><b>FP17</b> DOOR BELL BUTTON TO BE NO MORE THEN 48" ABOVE EXTERIOR FLOOR OR LANDING</p> <p><b>FP18</b> WATER CLOSET AND SHOWER TO HAVE REINFORCEMENT IN WALLS 2X8 NOMINAL AT 32" TO 38" 5' ABOVE FINISH FLOOR. SEE FLOOR PLAN GENERAL NOTE #31 ON SHEET G0.2 FOR FURTHER INFORMATION</p> <p><b>FP19</b> DOOR TO HAVE A NET CLEAR OPENING OF 32"</p> <p><b>FP20</b> DESIGNATED 2'-6" x 2'-6" x 7' TALL MINIMUM AREA FOR FUTURE INSTALLATION OF A HEAT PUMP WATER HEATER PER CEC 2022 SECTION 150.0(N)</p> <p><b>FP21</b> FURRING AS NEEDED FOR STANDARD TUB AND SHOWER LENGTH</p>	<p>SOLAR READY ROOF AREA: MIN DIMENSION &gt; 5FT. MIN. SF. &gt; 80SF. PER CALIFORNIA ENERGY CODE SECTION 110.10(b)</p> <p>THE SOLAR ZONE SHALL COMPLY WITH ACCESS, PATHWAY, SMOKE VENTILATION, AND SPACING REQUIREMENTS AS SPECIFIED IN TLE 24, PART 9 OR OTHER PARTS OF TITLE 24 OR IN ANY REQUIREMENTS ADOPTED BY LOCAL JURISDICTION</p> <p>SINGLE FAMILY RESIDENCE. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING AND HAVE A TOTAL AREA OF NO LESS THAN 250SQFT.</p> <p>FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>MINIMUM PV SIZE BASED ON EXAMPLE ENERGY CALCULATIONS: 2.06 kWdc TO BE UPDATED WITH SITE SPECIFIC ENERGY CALCULATIONS.</p> <p><b>VENTING CALCULATIONS</b></p> <p>ROOF VENTING: 15F. OF ROOF VENTING PER 150 SF. OF ENCLOSED AREA OR ENCLOSED RAFTER AREA.          ENCLOSED RAFTER AREA: 779 SF.          VENTILATION AREA REQUIRED: 779 SF / 150SF = 5.19 SF.          CONVERT TO SQ. IN.: 5.19 SF. x 144 = 748 SQ. IN.          MINIMUM VENTILATION AREA REQUIRED: 748 SQ. IN.</p>	<p>SECTION CUT</p> <p>ELEVATION CALLOUT</p> <p>DETAIL DRAWING REF.</p> <p>WALL BELOW OR ROOF ABOVE</p> <p>SOLAR ZONE. REFER TO SOLAR NOTES ON SHEET G0.2</p> <p>ROOFING</p> <p>KEYNOTE</p> <p>DOOR SYMBOL</p> <p>WINDOW SYMBOL</p> <p>CEILING HEIGHTS</p> <p>VAULTED CEILING</p> <p>ROOF SLOPE</p>

project  
 City of Moreno  
 Valley Permitted  
 ADU Plan Set

revisions  
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description  
**Floor Plan/  
 Roof Plan  
 Ranch  
 Base**

date  
 project no. 2024\_Moreno ADU

drawn by  
 sheet no. **A1.1**

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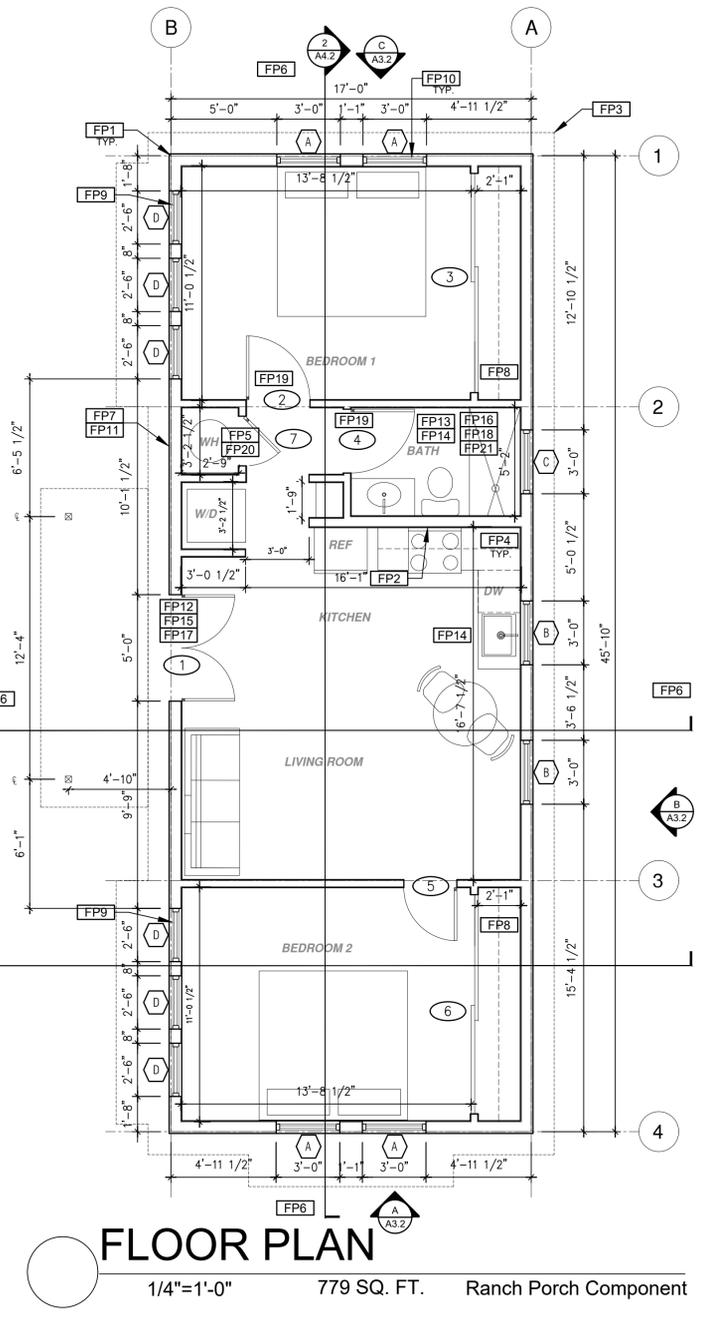
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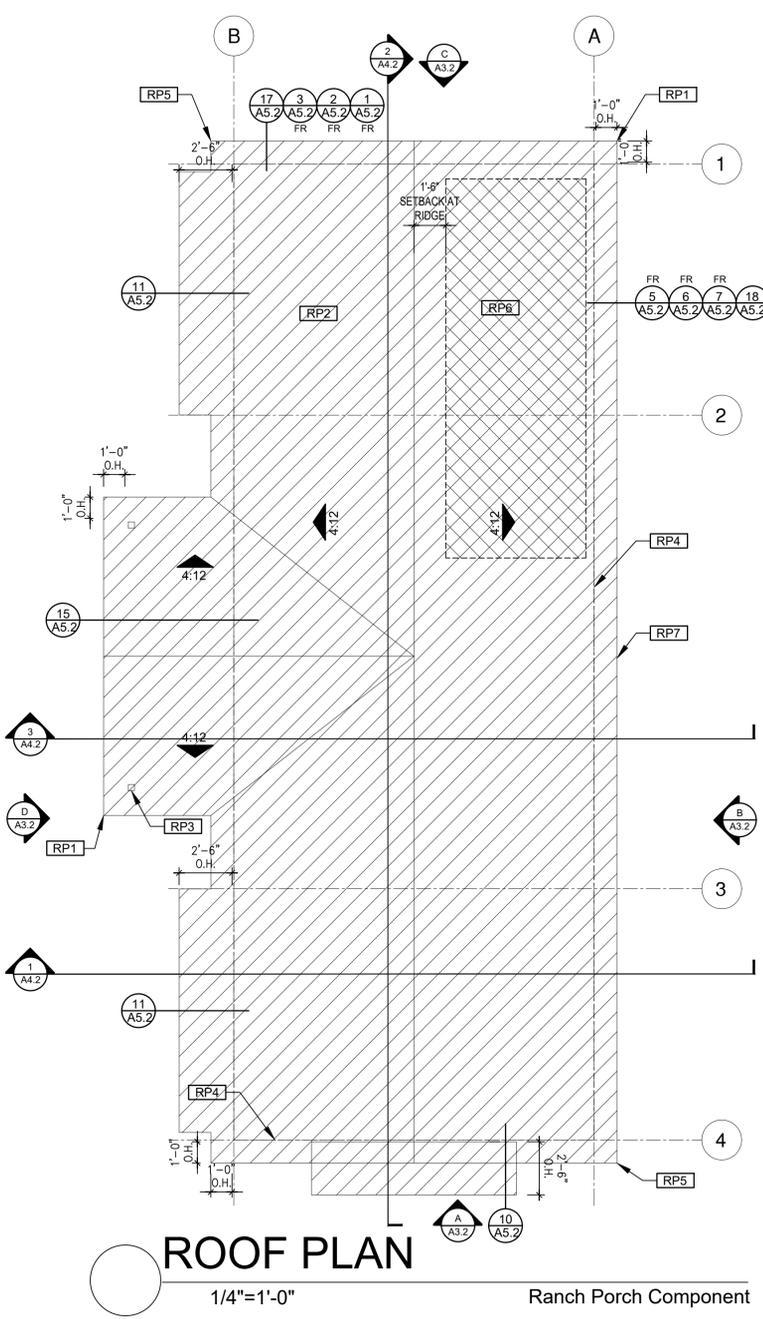
description  
**Floor Plan/  
 Roof Plan  
 Ranch  
 Component**

date  
 project no. 2024\_Moreno ADU

drawn by  
 sheet no. **A1.2**



**FLOOR PLAN**  
 1/4"=1'-0" 779 SQ. FT. Ranch Porch Component



**ROOF PLAN**  
 1/4"=1'-0" Ranch Porch Component

ROOF KEYNOTES	FLOOR PLAN KEYNOTES	SOLAR READY NOTES	LEGEND
<p><b>RP1</b> LINE OF ROOF OVERHANG</p> <p><b>RP2</b> CLASS A ROOFING MATERIAL. SEE GENERAL ROOF NOTE 13 ON SHEET G0.2</p> <p><b>RP3</b> SUPPORT POST BELOW</p> <p><b>RP4</b> LINE OF WALLS BELOW</p> <p><b>RP5</b> ROOF DOWNSPOUT LOCATION TO BE DETERMINED BY SITE SPECIFIC CONDITIONS</p> <p><b>RP6</b> DESIGNATED SOLAR PANEL AREA. PLEASE SEE SOLAR READY NOTES ON THIS SHEET</p> <p><b>RP7</b> RAFTER VENTS TO MEET REQUIRED VENTILATION AREA FOR ENCLOSED RAFTER SPACES. MAX 1/4", MIN 1/4" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL. 1 SF OF VENTING PER 150 SF OF ENCLOSED RAFTER AREA IN NON-FIRE RATED CONSTRUCTION PLEASE SEE VENTING CALCULATIONS OF THIS SHEET FOR NON VENTED EAVES SEE INSULATIONS DETAILS 4, 8, AND 12 ON SHEET A5.2</p>	<p><b>FP1</b> STUD WALL SIZED PER STRUCTURAL</p> <p><b>FP2</b> 2X6 STUD WALL OR FURRING AS NEEDED FOR MECHANICAL / PLUMBING / VENTING</p> <p><b>FP3</b> LINE OF OVERHANG ABOVE</p> <p><b>FP4</b> 36" HIGH COUNTER</p> <p><b>FP5</b> WATER HEATER</p> <p><b>FP6</b> SLOPE SURFACE AWAY FROM BUILDING</p> <p><b>FP7</b> DRYER VENT TERMINATION ON EXTERIOR WALL TO BE A MINIMUM OF 3 FT FROM ANY OPENING</p> <p><b>FP8</b> CLOSET SHELF AND POLE</p> <p><b>FP9</b> EMERGENCY EGRESS WINDOW</p> <p><b>FP10</b> WINDOW MUST HAVE A FRAME AND SASH COMPRISED OF WELDED CORNERS, METAL REINFORCEMENT IN THE INTERLOCK AREA, AND CONSTRUCTED OF MULTIPANE TEMPERED GLAZING WHERE INDICATED TYPICAL ALL WINDOWS</p> <p><b>FP11</b> VENT DRYER THROUGH WALL. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP12</b> MIN. 1 HINGED ENTRY DOOR FOR EGRESS COMPLIANCE REQUIRED - THE EGRESS DOOR SHALL BE SIDE-HINGED AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP</p> <p><b>FP13</b> SURROUND AROUND THE SHOWER MUST BE TEMPERED. GLAZING IN THE WALLS/DOORS FACING OR CONTAINING BATHTUBS, SHOWERS, HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS AND INDOOR/OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE STANDING SURFACE. 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CRC R307.2</p> <p><b>FP17</b> DOOR BELL BUTTON TO BE NO MORE THAN 48" ABOVE EXTERIOR FLOOR OR LANDING</p> <p><b>FP18</b> WATER CLOSET AND SHOWER TO HAVE REINFORCEMENT IN WALLS 2X8 NOMINAL AT 32" TO 38.5" ABOVE FINISH FLOOR. SEE FLOOR PLAN GENERAL NOTE #31 ON SHEET G0.2 FOR FURTHER INFORMATION</p> <p><b>FP19</b> DOOR TO HAVE A NET CLEAR OPENING OF 32"</p> <p><b>FP20</b> DESIGNATED 2'-6" x 2'-6" x 7' TALL MINIMUM AREA FOR FUTURE INSTALLATION OF A HEAT PUMP WATER HEATER PER CEC 2022 SECTION 150.0(N)</p> <p><b>FP21</b> FURRING AS NEEDED FOR STANDARD TUB AND SHOWER LENGTH</p>	<p>SOLAR READY ROOF AREA - MIN DIMENSION &gt; 5FT. MIN. SF. &gt; 80SF. PER CALIFORNIA ENERGY CODE SECTION 110.10(b)</p> <p>THE SOLAR ZONE SHALL COMPLY WITH ACCESS, PATHWAY, SMOKE VENTILATION, AND SPACING REQUIREMENTS AS SPECIFIED IN TILE 24, PART 9 OR OTHER PARTS OF TITLE 24 OR IN ANY REQUIREMENTS ADOPTED BY LOCAL JURISDICTION</p> <p>SINGLE FAMILY RESIDENCE. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING AND HAVE A TOTAL AREA OF NO LESS THAN 250SQFT.</p> <p>FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>MINIMUM PV SIZE BASED ON EXAMPLE ENERGY CALCULATIONS: 2.06 kWdc TO BE UPDATED WITH SITE SPECIFIC ENERGY CALCULATIONS.</p> <p><b>VENTING CALCULATIONS</b></p> <p>ROOF VENTING: 15F. OF ROOF VENTING PER 150 SF. OF ENCLOSED AREA OR ENCLOSED RAFTER AREA.          ENCLOSED RAFTER AREA: 779 SF.          VENTILATION AREA REQUIRED: 779 SF / 150SF = 5.19 SF.          CONVERT TO SQ. IN: 5.19 SF. x 144 = 748 SQ. IN.          MINIMUM VENTILATION AREA REQUIRED: 748 SQ. IN.</p>	<p><b>SECTION CUT</b></p> <p><b>ELEVATION CALLOUT</b></p> <p><b>DETAIL DRAWING REF.</b></p> <p><b>WALL BELOW OR ROOF ABOVE</b></p> <p><b>SOLAR ZONE. REFER TO SOLAR NOTES ON SHEET G0.2</b></p> <p><b>ROOFING</b></p> <p><b>KEYNOTE</b></p> <p><b>DOOR SYMBOL</b></p> <p><b>WINDOW SYMBOL</b></p> <p><b>CEILING HEIGHTS</b></p> <p><b>VAULTED CEILING</b></p> <p><b>ROOF SLOPE</b></p>

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project  
 City of Moreno  
 Valley Permitted  
 ADU Plan Set

revisions



description

**Floor Plan/  
 Roof Plan  
 Tuscan  
 Base**

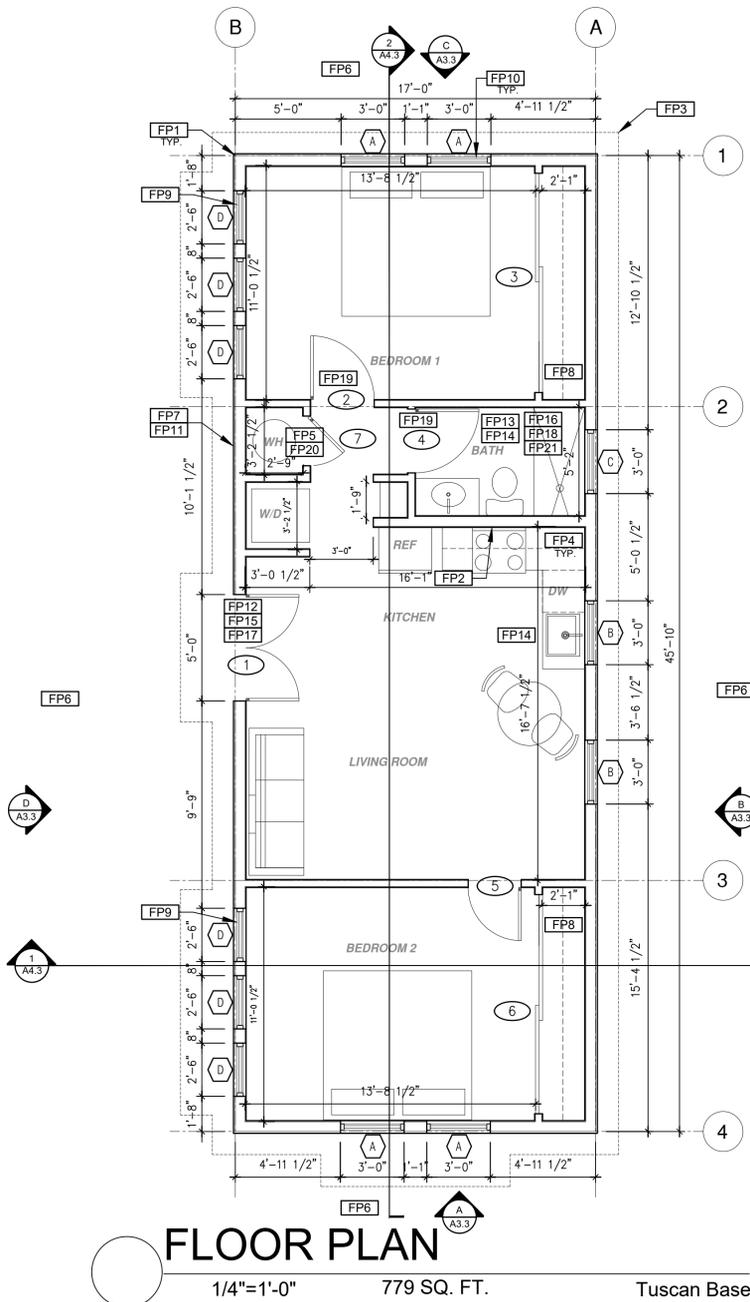
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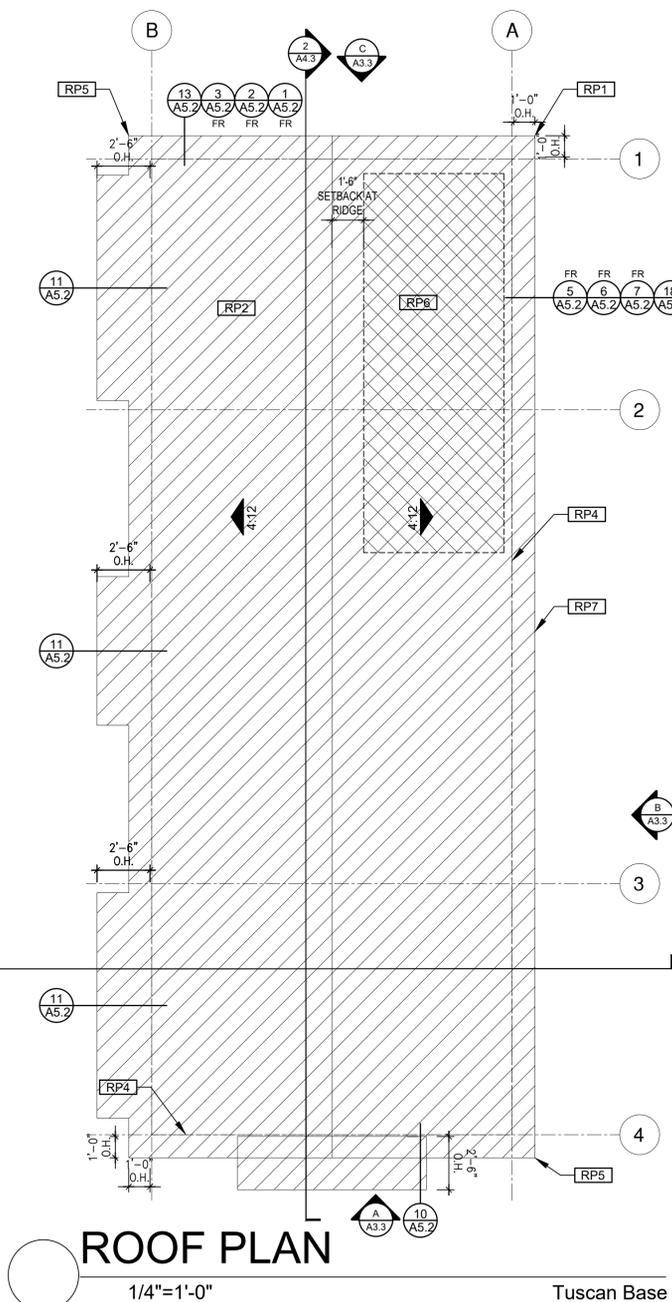
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**FLOOR PLAN**

1/4"=1'-0" 779 SQ. FT. Tuscan Base



**ROOF PLAN**

1/4"=1'-0" Tuscan Base

ROOF KEYNOTES	FLOOR PLAN KEYNOTES	SOLAR READY NOTES	LEGEND
<p><b>RP1</b> LINE OF ROOF OVERHANG</p> <p><b>RP2</b> CLASS A ROOFING MATERIAL. SEE GENERAL ROOF NOTE 13 ON SHEET G0.2</p> <p><b>RP3</b> SUPPORT POST BELOW</p> <p><b>RP4</b> LINE OF WALLS BELOW</p> <p><b>RP5</b> ROOF DOWNSPOUT LOCATION TO BE DETERMINED BY SITE SPECIFIC CONDITIONS</p> <p><b>RP6</b> DESIGNATED SOLAR PANEL AREA. PLEASE SEE SOLAR READY NOTES ON THIS SHEET</p> <p><b>RP7</b> RAFTER VENTS TO MEET REQUIRED VENTILATION AREA FOR ENCLOSED RAFTER SPACES. MAX 1/4", MIN 1/8" OPENING SIZE ON VENT SCREEN WITH CORROSION-RESISTANT WIRE SCREEN MATERIAL. 1 SF OF VENTING PER 150 SF OF ENCLOSED RAFTER AREA IN NON-FIRE RATED CONSTRUCTION PLEASE SEE VENTING CALCULATIONS OF THIS SHEET FOR NON VENTED EAVES SEE INSULATIONS DETAILS 4, 8, AND 12 ON SHEET A5.2</p>	<p><b>FP1</b> STUD WALL SIZED PER STRUCTURAL</p> <p><b>FP2</b> 2X6 STUD WALL OR FURRING AS NEEDED FOR MECHANICAL / PLUMBING / VENTING</p> <p><b>FP3</b> LINE OF OVERHANG ABOVE</p> <p><b>FP4</b> 36" HIGH COUNTER</p> <p><b>FP5</b> WATER HEATER</p> <p><b>FP6</b> SLOPE SURFACE AWAY FROM BUILDING</p> <p><b>FP7</b> DRYER VENT TERMINATION ON EXTERIOR WALL TO BE A MINIMUM OF 3 FT FROM ANY OPENING</p> <p><b>FP8</b> CLOSET SHELF AND POLE</p> <p><b>FP9</b> EMERGENCY EGRESS WINDOW</p> <p><b>FP10</b> WINDOW MUST HAVE A FRAME AND SASH COMPRISED OF WELDED CORNERS, METAL REINFORCEMENT IN THE INTERLOCK AREA, AND CONSTRUCTED OF MULTIPANE TEMPERED GLAZING WHERE INDICATED TYPICAL ALL WINDOWS</p> <p><b>FP11</b> VENT DRYER THROUGH WALL. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP12</b> MIN. 1 HINGED ENTRY DOOR FOR EGRESS COMPLIANCE REQUIRED - THE EGRESS DOOR SHALL BE SIDE-HINGED AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP</p> <p><b>FP13</b> SURROUND AROUND THE SHOWER MUST BE TEMPERED. GLAZING IN THE WALLS/DOORS FACING OR CONTAINING BATHTUBS, SHOWERS, HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS AND INDOOR/OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE STANDING SURFACE. EXCEPTION: GLAZING THAT IS MORE THAN 60" MEASURED HORIZONTALLY, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL OR SWIMMING POOL.</p> <p><b>FP14</b> PER SECTION 301.1.1 CALGREEN AND CIVIL CODE 1101.3(c). ALL PLUMBING FIXTURES SHALL BE COMPLIANT WATER-CONSERVING PLUMBING FIXTURES. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p>	<p>SOLAR READY ROOF AREA- MIN DIMENSION &gt; 5FT. MIN. SF. &gt; 80SF. PER CALIFORNIA ENERGY CODE SECTION 110.10(b)</p> <p>THE SOLAR ZONE SHALL COMPLY WITH ACCESS, PATHWAY, SMOKE VENTILATION, AND SPACING REQUIREMENTS AS SPECIFIED IN TILE 24, PART 9 OR OTHER PARTS OF TITLE 24 OR IN ANY REQUIREMENTS ADOPTED BY LOCAL JURISDICTION</p> <p>SINGLE FAMILY RESIDENCE. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING AND HAVE A TOTAL AREA OF NO LESS THAN 250SQFT.</p> <p>FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>MINIMUM PV SIZE BASED ON EXAMPLE ENERGY CALCULATIONS 2.06 kWdc TO BE UPDATED WITH SITE SPECIFIC ENERGY CALCULATIONS.</p> <p><b>VENTING CALCULATIONS</b></p> <p>ROOF VENTING: 1SF. OF ROOF VENTING PER 150 SF. OF ENCLOSED AREA OR ENCLOSED RAFTER AREA.          ENCLOSED RAFTER AREA: 779 SF.          VENTILATION AREA REQUIRED: 779 SF / 150SF = 5.19 SF.          CONVERT TO SQ. IN. 5.19 SF. x 144 = 748 SQ. IN.          MINIMUM VENTILATION AREA REQUIRED: 748 SQ. IN.</p>	<p> SECTION CUT</p> <p> ELEVATION CALLOUT</p> <p> DETAIL DRAWING REF.</p> <p> WALL BELOW OR ROOF ABOVE</p> <p> SOLAR ZONE. REFER TO SOLAR NOTES ON SHEET G0.2</p> <p> ROOFING</p> <p> KEYNOTE</p> <p> DOOR SYMBOL</p> <p> WINDOW SYMBOL</p> <p> CEILING HEIGHTS</p> <p> VAULTED CEILING</p> <p> ROOF SLOPE</p>

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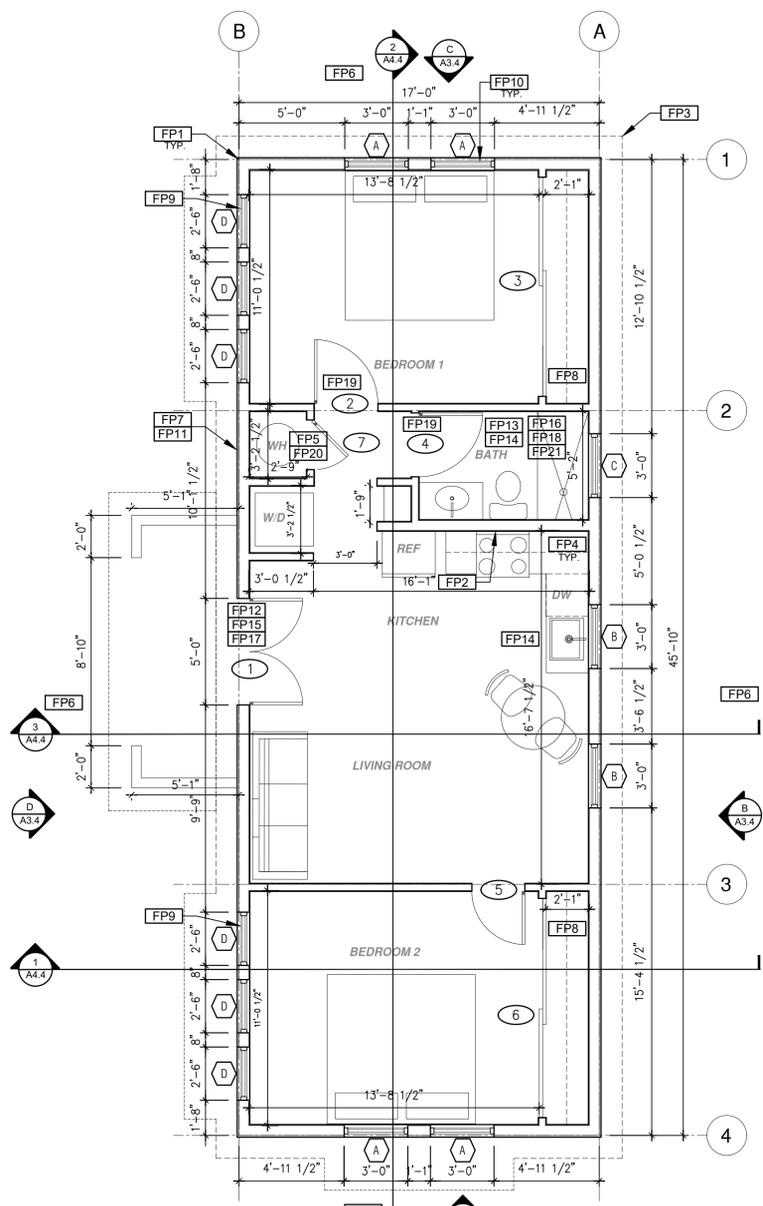
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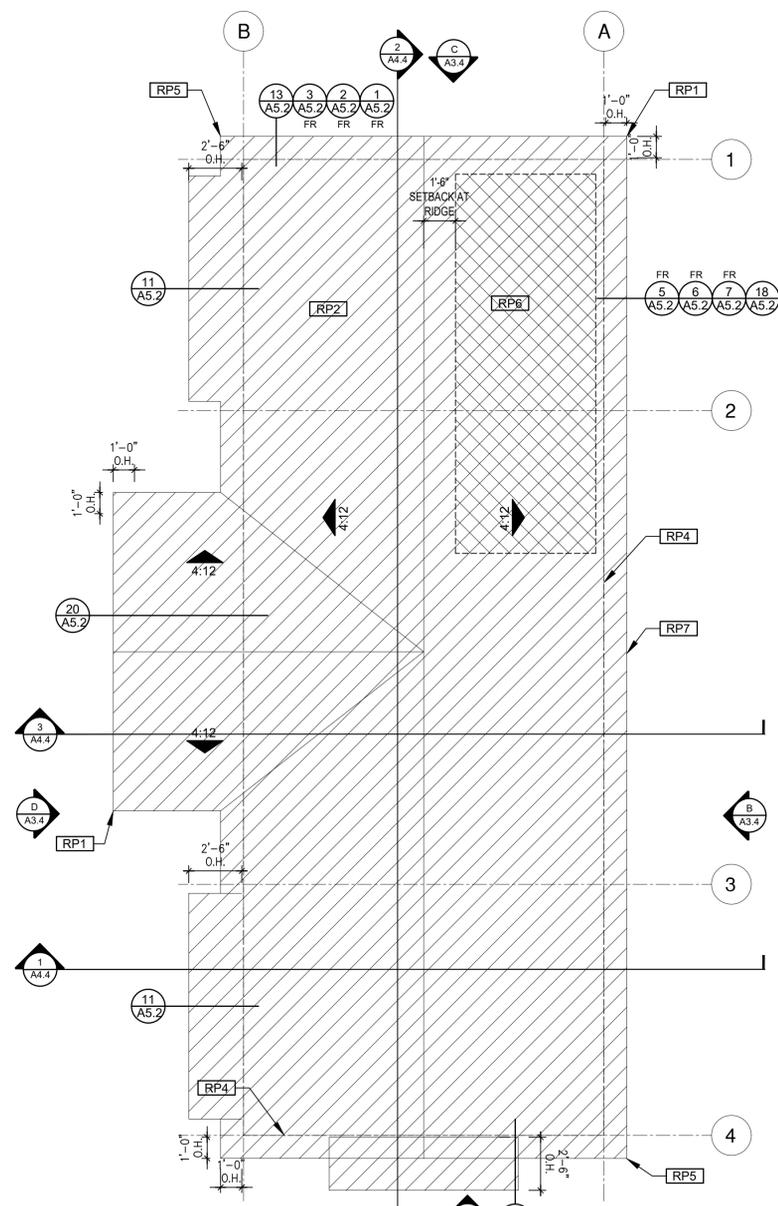
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**Floor Plan/  
 Roof Plan  
 Tuscan  
 Component**

date  
 project no. 2024\_Moreno ADU  
 drawn by  
 sheet no.

**A1.4**



**FLOOR PLAN**  
 1/4"=1'-0" 779 SQ. FT. Tuscan Porch Component

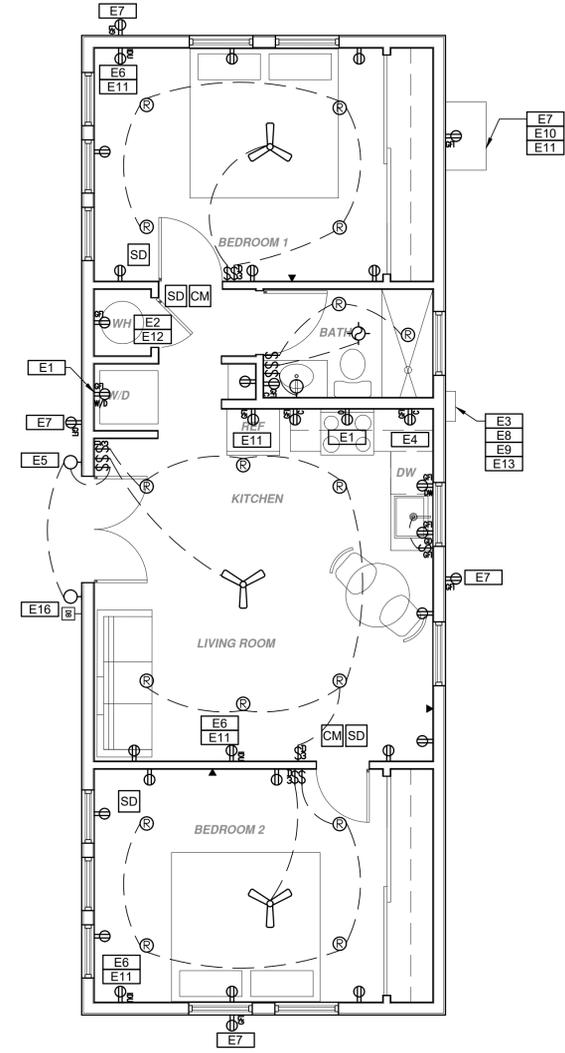


**ROOF PLAN**  
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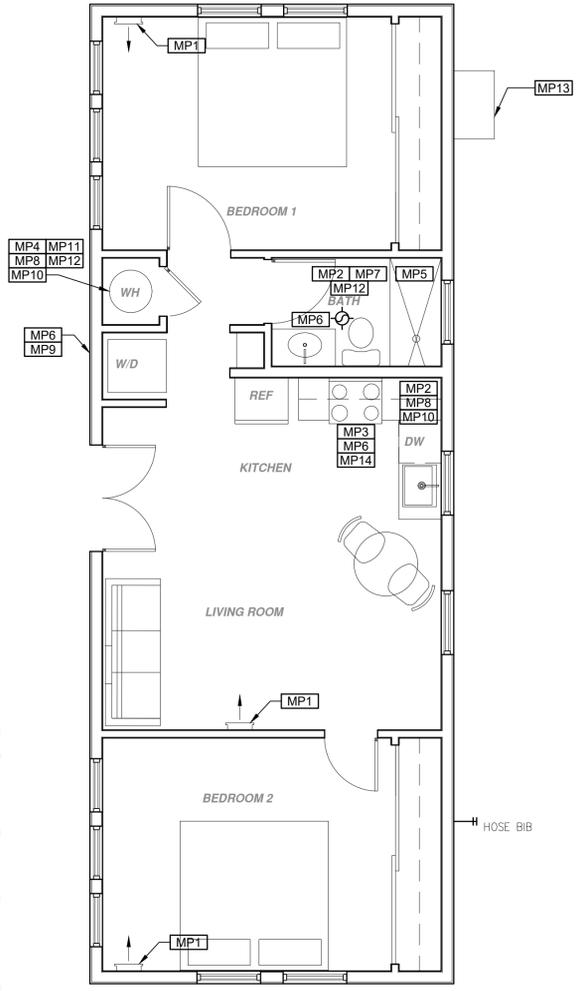
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SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP12</b> MIN. 1 HINGED ENTRY DOOR FOR EGRESS COMPLIANCE REQUIRED - THE EGRESS DOOR SHALL BE SIDE-HINGED AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP</p> <p><b>FP13</b> SURROUND AROUND THE SHOWER MUST BE TEMPERED. GLAZING IN THE WALLS/DOORS FACING OR CONTAINING BATHTUBS, SHOWERS, HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS AND INDOOR/OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE STANDING SURFACE. EXCEPTION: GLAZING THAT IS MORE THAN 60" MEASURED HORIZONTALLY, FROM THE WATER'S EDGE OF A BATHTUB, HOT TUB, SPA, WHIRLPOOL OR SWIMMING POOL.</p> <p><b>FP14</b> PER SECTION 301.1.1 CALGREEN AND CIVIL CODE 1101.3(C), ALL PLUMBING FIXTURES SHALL BE COMPLIANT WATER-CONSERVING PLUMBING FIXTURES. SEE MECHANICAL / PLUMBING PLANS FOR FURTHER INFORMATION</p> <p><b>FP15</b> LANDING OR FLOOR REQUIRED AT EACH SIDE OF EXTERIOR DOOR. WIDTH TO BE NOT LESS THAN THE DOOR SERVED AND HAVE A MIN 36 INCH DEPTH MEASURED IN THE DIRECTION OF TRAVEL. EXTERIOR LANDINGS SHALL BE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 1/4" PER FOOT. LANDINGS OR FINISHED FLOORS AT EGRESS DOOR SHALL NOT BE MORE THAN 1.5' LOWER THAN THE TOP OF THE THRESHOLD FOR OUTWARD SWINGING DOORS OR 7.75' FOR DOORS THAT DO NOT SWING OUTWARD.</p> <p><b>FP16</b> WALL COVERING SHALL BE CEMENT PLASTER, TILE OR APPROVED EQUAL TO 72" ABOVE DRAIN AT SHOWERS OR TUB WITH SHOWERS. MATERIALS OTHER THAN STRUCTURAL ELEMENTS ARE TO BE MOISTURE RESISTANT. CRC R307.2</p> <p><b>FP17</b> DOOR BELL BUTTON TO BE NO MORE THAN 48" ABOVE EXTERIOR FLOOR OR LANDING</p> <p><b>FP18</b> WATER CLOSET AND SHOWER TO HAVE REINFORCEMENT IN WALLS 2X8 NOMINAL AT 32" TO 38" ABOVE FINISH FLOOR. SEE FLOOR PLAN GENERAL NOTE #31 ON SHEET G0.2 FOR FURTHER INFORMATION</p> <p><b>FP19</b> DOOR TO HAVE A NET CLEAR OPENING OF 32"</p> <p><b>FP20</b> DESIGNATED 2'-6" x 2'-6" x 7' TALL MINIMUM AREA FOR FUTURE INSTALLATION OF A HEAT PUMP WATER HEATER PER CEC 2022 SECTION 150.0(N)</p> <p><b>FP21</b> FURRING AS NEEDED FOR STANDARD TUB AND SHOWER LENGTH</p>	<p>SOLAR READY ROOF AREA: MIN DIMENSION &gt; 5FT. MIN. SF. &gt; 80SF. PER CALIFORNIA ENERGY CODE SECTION 110.10(b)</p> <p>THE SOLAR ZONE SHALL COMPLY WITH ACCESS, PATHWAY, SMOKE VENTILATION, AND SPACING REQUIREMENTS AS SPECIFIED IN TILE 24, PART 9 OR OTHER PARTS OF TITLE 24 OR IN ANY REQUIREMENTS ADOPTED BY LOCAL JURISDICTION</p> <p>SINGLE FAMILY RESIDENCE. THE SOLAR ZONE SHALL BE LOCATED ON THE ROOF OR OVERHANG OF THE BUILDING AND HAVE A TOTAL AREA OF NO LESS THAN 250SQFT.</p> <p>FOR PHOTOVOLTAIC ARRAYS OCCUPYING NOT MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN AN 18-INCH (457 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, NOT LESS THAN A 36-INCH (914 MM) CLEAR SETBACK IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.</p> <p>MINIMUM PV SIZE BASED ON EXAMPLE ENERGY CALCULATIONS: 2.06 kWdc TO BE UPDATED WITH SITE SPECIFIC ENERGY CALCULATIONS.</p> <p><b>VENTING CALCULATIONS</b></p> <p>ROOF VENTING: 1SF. OF ROOF VENTING PER 150 SF. OF ENCLOSED AREA OR ENCLOSED RAFTER AREA.          ENCLOSED RAFTER AREA: 779 SF.          VENTILATION AREA REQUIRED: 779 SF / 150SF = 5.19 SF.          CONVERT TO SQ. IN: 5.19 SF. x 144 = 748 SQ. IN.          MINIMUM VENTILATION AREA REQUIRED: 748 SQ. IN.</p>	<p> SECTION CUT</p> <p> ELEVATION CALLOUT</p> <p> DETAIL DRAWING REF.</p> <p> WALL BELOW OR ROOF ABOVE</p> <p> SOLAR ZONE. REFER TO SOLAR NOTES ON SHEET G0.2</p> <p> ROOFING</p> <p> KEYNOTE</p> <p> DOOR SYMBOL</p> <p> WINDOW SYMBOL</p> <p> CEILING HEIGHTS</p> <p> VAULTED CEILING</p> <p> ROOF SLOPE</p>

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ELECTRICAL PLAN  
 1/4" = 1'-0"



MECHANICAL / PLUMBING PLAN  
 1/4" = 1'-0"

MAXIMUM UNIT LOADING AND MAXIMUM LENGTH OF DRAINAGE AND VENT PIPING

SIZE OF PIPE (inches)	1 1/4	1 1/2	2	3	4	5	6	8	10	12
<b>Maximum Units</b>										
Drainage Piping <sup>1</sup>										
Vertical	1	2 <sup>2.7</sup>	16 <sup>3</sup>	48 <sup>3</sup>	256	600	1380	3600	5600	8400
Horizontal	1	17	8 <sup>3</sup>	35 <sup>3</sup>	216 <sup>3</sup>	428 <sup>3</sup>	720 <sup>3</sup>	2640 <sup>3</sup>	4680 <sup>3</sup>	8200 <sup>3</sup>
<b>Maximum Length</b>										
Drainage Piping										
Vertical (feet)	45	65	85	212	300	390	510	750	—	—
Horizontal (unlimited)										
<b>Vent Piping</b>										
Horizontal and Vertical <sup>2</sup>										
Maximum Units	1	8 <sup>3</sup>	24	84	256	600	1380	3600	—	—
Maximum Lengths (feet)	45	60	120	212	300	390	510	750	—	—

For SI units: 1 inch = 25 mm; 1 foot = 304.8 mm

Notes:  
 1 Excluding trap arm.  
 2 Except for sinks, urinals, and dishwashers — exceeding 1 fixture unit.  
 3 Except for six-unit traps or water closets.  
 4 Not to exceed five water closets or five six-unit traps.  
 5 Based on 1/2 inch per foot (20.8 mm/m) slope. For 1/4 inch per foot (10.4 mm/m) slope, multiply horizontal fixture units by a factor of 0.8.  
 6 The diameter of an individual vent shall be not less than 1 1/4 inches (32 mm) nor less than one-half the diameter of the drain to which it is connected. Future unit load values for drainage and vent piping shall be computed from Table 702.1 and Table 702.2. Not to exceed one-third of the total permitted length of a vent shall be permitted to be installed in a horizontal position. Where vents are increased one pipe size for their entire length, the maximum length limitations specified in this table do not apply. This table is in accordance with the requirements of Section 901.3.  
 7 Up to 8 public lavatories are permitted to be installed on a 1 1/2 inch (40 mm) vertical branch or horizontal sanitary branch sloped at 1/4 inch per foot (20.8 mm/m).

MECHANICAL / PLUMBING KEYNOTES	ELECTRICAL KEYNOTES	MECHANICAL / PLUMBING LEGEND	ELECTRICAL LEGEND
<p><b>MP1</b> INDOOR UNIT MINI SPLIT SYSTEM.</p> <p><b>MP2</b> WATER CONSERVING FIXTURES: NEW WATER CLOSETS SHALL USE NO MORE THAN 1.28 GAL. OF WATER PER FLUSH. LAVATORIES LIMITED TO 1.2 GPM. KITCHEN FAUCETS NOT TO EXCEED 1.8 GPM AT 60 PSI. THEY CAN INCREASE THE FLOW MOMENTARILY BUT CANNOT EXCEED 2.2 GALLONS PER MIN. AT 60 PSI AND MUST DEFAULT TO A MAX. FLOW RATE OF 1.8 GALLONS PER MIN AT 60 PSI. SHOWERS NOT EXCEED 1.8 GPM AT 60 PSI AND ALL SHALL BE CERTIFIED TO MEET THE PERFORMANCE CRITERIA OF THE EPA WATER SAVING SPECIFICATIONS FOR SHOWERHEADS. CPC SECTIONS 407, 408, 411, 412 AND SECTION 301.1 CALGREEN CODE AND CIVIL CODE 1101.3(c).</p> <p><b>MP3</b> EXHAUST HOOD ABOVE TO HAVE CONDENSATE METALLIC INTERIOR SURFACE. (CPC 504.3)</p> <p><b>MP4</b> NEW WATER HEATER - TO HAVE CONDENSATE DRAIN INSTALLED NO HIGHER THAN 2" ABOVE THE BASE OF THE HEATER THAT ALSO ALLOWS GRAVITY DRAINAGE</p> <p><b>MP5</b> CONTROL VALVES IN SHOWERS, BATHUBS, &amp; BIDETS MUST BE PRESSURE BALANCED OR THERMOSTATIC MIX VALVES</p> <p><b>MP6</b> MINIMUM OF 3 FT CLEARANCE TO ANY OPENING INTO BUILDING FOR EXHAUST FAN TERMINATIONS</p> <p><b>MP7</b> CLEARANCE FOR WATER CLOSET TO BE A MIN. OF 24" IN FRONT AND 15" FROM ITS CENTER TO ANY SIDE WALL OR OBSTRUCTION. (CPC 402.5)</p> <p><b>MP8</b> THE 1/2" SIZE HOT WATER PIPE TO THE KITCHEN SINK AND THE COLD WATER PIPE WITHIN 5' OF WATER HEATER BOTH REQUIRE 1" INSULATION</p> <p><b>MP9</b> DRYER EXHAUST OUTLET FROM DRYER TO EXTERIOR MAX LENGTH 14' WITH MAXIMUM OF TWO 90° ELBOWS EXHAUST VENT MUST TERMINATE A MIN. OF 3' FROM ANY OPENING. MIN. TYPE 1 CLOTHES DRYER EXHAUST DUCTS SHALL BE OF RIGID METAL &amp; SHALL HAVE SMOOTH INTERIOR SURFACES. THE DIAMETER SHALL BE NOT LESS THAN 4" INCHES NOMINAL (100 MM), &amp; THE THICKNESS SHALL BE NOT LESS THAN 0.016" OF AN INCH (0.406 MM). EXHAUST DUCTS &amp; DRYER VENTS SHALL BE EQUIPPED WITH BACK DRAFT DAMPERS</p> <p><b>MP10</b> NEW WATER HEATER WITH T&amp;P RELIEF VALVE AND DISCHARGE PIPE AT EXTERIOR. PROVIDE MANUFACTURER REQUIREMENTS</p> <p><b>MP11</b> WATER HEATERS SHALL HAVE ISOLATION VALVES ON BOTH THE COLD AND THE HOT WATER PIPING LEAVING THE WATER HEATER COMPLETE WITH HOSE BIBS OR OTHER FITTINGS ON EACH VALVE FOR FLUSHING THE WATER HEATER WHEN THE VALVES ARE CLOSED</p> <p><b>MP12</b> ALL DOMESTIC HOT WATER PIPING TO HAVE THE FOLLOWING MINIMUM INSULATION INSTALLED:                  3/4" PIPE (2" INSULATION);                  1" PIPE (1" INSULATION);                  1" TO 1-1/2" PIPE (1-1/2" INSULATION)</p> <p><b>MP13</b> OUTDOOR CONDENSING UNIT TO BE PIPED TO INDOR HVAC UNIT</p> <p><b>MP14</b> A MINIMUM RATING HOOD OVER ELECTRICAL RANGE INDOOR AIR QUALITY FAN IS REQUIRED IN THE KITCHEN TO BE VENTED TO OUTDOORS AND SHALL BE HERS VERIFIED PER CEC TABLE 150.0-0; 160 cfm OR 65% CE AT &lt;750 s.f., 130 cfm OR 55% CE AT 750-1000 s.f., 110 cfm OR 50% CE AT 1000-1500 s.f., OR 110 cfm OR 50% CE AT &gt;1500 s.f.</p>	<p><b>E1</b> DEDICATED 30 AMP/ 240V POWER FOR ELECTRIC DRYER OR OVEN. VERIFY REQUIREMENTS WITH APPLIANCE SPECIFICATIONS - ELECTRIC COOKTOP READY REQUIREMENTS ARE TO BE IMPLEMENTED. SEE SHEET G0.2. ELECTRIC READY 150.0(a) FOR REQUIREMENTS</p> <p><b>E2</b> OUTLET FOR NEW WATER HEATER WITHIN 3' OF WATER HEATER.</p> <p><b>E3</b> SUBPANEL LOCATION. ALTERNATE LOCATION TO BE DETERMINED BY OWNER. MUST HAVE A 3" MINIMUM CLEARANCE IN FRONT OF PANEL</p> <p><b>E4</b> OUTLET AT COUNTER HEIGHT - SHALL COMPLY WITH CEC ARTICLE 210.52(2). IN KITCHENS A RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH COUNTER SPACE 12" OR WIDER; SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL IS MORE THAN 24" ISLAND IN PENINSULAR COUNTERTOPS 12" X 24" LONG (OR GREATER) SHALL HAVE AT LEAST ONCE RECEPTACLE</p> <p><b>E5</b> OUTDOOR LIGHTING FIXTURES ARE REQUIRED TO BE HIGH EFFICACY OR CONTROLLED BY A COMBINATION PHOTOCONTROL / MOTION SENSOR.</p> <p><b>E6</b> OUTLET DEDICATED FOR INDOOR HVAC UNIT</p> <p><b>E7</b> WEATHER RESISTANT TYPE RECEPTACLES GFCI PROTECTED</p> <p><b>E8</b> OVER-CURRENT FEEDER TO EXTEND TO EXISTING PANEL. ALUMINUM CONDUCTOR BURIED UNDER GROUND WITH AWG ALLOWABLE VOLTAGE DROP PER CEC 250.4</p> <p><b>E9</b> SEPARATE GROUND ELECTRODE SYSTEM PER CEC 250.4</p> <p><b>E10</b> OUTDOOR CONDENSING UNIT RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF THE HEATING AND COOLING EQUIPMENT AND SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25 FEET OF THE EQUIPMENT. THIS RECEPTACLE SHALL BE GFCI-WP PROTECTED.</p> <p><b>E11</b> A DISCONNECTING MEANS CAPABLE OF DISCONNECTING AIR-CONDITIONING AND REFRIGERATING EQUIPMENT, INCLUDING MOTOR-COMPRESSORS AND CONTROLLERS FROM THE CIRCUIT CONDUCTOR IS REQUIRED WITHIN SIGHT FROM THE EQUIPMENT LOCATION PER CEC SECTION 440.11</p> <p><b>E12</b> PER CEC 2022 150.0(a), 1.A.: THE DESIGNATED SPACE IS WITHIN 3 FEET FROM THE WATER HEATER AND IS TO COMPLY WITH ELECTRICAL NOTES 156.16 ON SHEET G0.2</p> <p><b>E13</b> MAIN PANELBOARD LOCATION SHALL HAVE A MINIMUM BUSBAR RATING OF 225 AMPS.</p> <p><b>E14</b> ALL SINGLE-FAMILY RESIDENCES THAT INCLUDE ONE OR TWO DWELLING UNITS SHALL MEET THE FOLLOWING ENERGY STORAGE SYSTEMS (ESS) READY REQUIREMENTS: ALL ELECTRICAL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CEC. SEE SHEET G0.2. ELECTRIC READY 150.0(a) FOR REQUIREMENTS</p> <p><b>E15</b> SUFFICIENT SPACE SHALL BE RESERVED TO ALLOW FUTURE INSTALLATION OF A SYSTEM ISOLATION EQUIPMENT/TRANSFER SWITCH WITHIN 3FT OF THE MAIN PANELBOARD. RACEWAYS SHALL BE INSTALLED BETWEEN THE PANELBOARD &amp; THE SYSTEM ISOLATION EQUIPMENT/TRANSFER SWITCH LOCATION TO ALLOW THE CONNECTION OF BACKUP POWER SOURCE</p> <p><b>E16</b> DOOR BELL BUTTON TO BE NO MORE THAN 48" ABOVE EXTERIOR FLOOR OR LANDING</p>	<p><b>MECHANICAL</b></p> <p>BATHROOM EXHAUST FAN: MINIMUM 50 CFM TO BE DUCTED TO THE EXTERIOR AND SHALL PROVIDE FIVE AIR CHANGES PER HOUR. CFM AND NOISE RATING MAXIMUM 3 SONE FOR INTERMITTENT USE. SHALL BE ENERGY STAR RATED AND CONTROLLED BY A HUMIDISTAT CAPABLE OF AN ADJUSTMENT BETWEEN 50-80% HUMIDITY. IAQ FAN IS REQUIRED. PLEASE SEE UPDATED ENERGY CALCULATIONS FOR CFM REQUIRED. ONE OR MORE FANS (EITHER KITCHEN OR BATHROOM) TO OPERATE CONTINUOUSLY AT REQUIRED CFM PER TITLE 24 CALCULATIONS FOR INDOOR AIR QUALITY. AT THE IAQ FAN SWITCH, A LABEL CLEARLY DISPLAYING THE FOLLOWING OR EQUIVALENT TEXT IS REQUIRED: "THIS SWITCH CONTROLS THE INDOOR AIR QUALITY VENTILATION FOR THE HOME. LEAVE IT ON UNLESS THE OUTDOOR AIR QUALITY IS VERY POOR. DUCT SYSTEMS ARE SIZED, DESIGNED AND EQUIPMENT IS SELECTED USING THE FOLLOWING METHODS:</p> <ol style="list-style-type: none"> <li>ESTABLISH HEAT LOSS AND HEAT GAIN VALUES ACCORDING TO ANSI/ACCA 2 MANUAL, 2011 OR EQUIVALENT.</li> <li>SIZE DUCT SYSTEMS ACCORDING TO ANSI/ACCA 1 MANUAL D-2014 OR EQUIVALENT.</li> <li>SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA 3 MANUAL, S-2014 OR EQUIVALENT.</li> </ol> <p>RETURN AIR GRILLE, WALL MOUNTED</p> <p>SUPPLY AIR DIFFUSER, WALL MOUNTED</p> <p>THERMOSTAT</p> <p>HOSE BIB</p>	<p><b>FIRE DETECTION</b></p> <p>SMOKE DETECTORS PER SECTION R314 DETECTORS SHALL BE PERMANENTLY WIRED WITH BATTERY BACKUP. SOUND AN ALARM AUDIBLE IN ALL SLEEPING AREAS. ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE UNIT.</p> <p>SHALL COMPLY WITH THE FOLLOWING:</p> <ul style="list-style-type: none"> <li>AT LEAST 3' FROM THE TIP OF THE BLADE OF A CEILING-MOUNTED FAN</li> <li>NOT LESS THAN 3' FROM THE DOOR OPENING OF A BATHROOM</li> <li>AT LEAST 20" FROM A COOKING APPLIANCE OR 10" FROM COOKING APPLIANCE WHEN THE ALARM IS AN IONIZING SMOKE ALARM PER NFPA 72 SECTION 29.8.3.4 ITEM 4.</li> <li>AT LEAST 3' FROM SUPPLY REGISTERS OF A HEATING / COOLING SYSTEM</li> </ul> <p><b>EX</b> CARBON MONOXIDE ALARM PERMANENTLY WIRED WITH BATTERY BACKUP PER SECTION R315. ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE UNIT.</p> <p><b>POWER/DATA</b></p> <p>TAMPER RESISTANT RECEPTACLE WALL MOUNTED, 110 V DUPLEX U.O.N.</p> <p>GFI = WATER PROOF GFI          CT = COOKTOP/ GRILL 240 V          O = OVEN 240 V          MW = MICROWAVE 110 V          G = GARBAGE DISPOSAL 110 V          R = RANGE 220V          C = COUNTER HEIGHT 8" ABV COUNTER          IDU = INDOOR UNIT POWER 84" AFF          WID = WASHER/DRYER 30AMP/ 240AMP</p> <p>PHONE / DATA / MEDIA          CEILING WATERPROOF OUTLET          FLOOR MOUNTED DUPLEX RECEPTACLE, VERIFY LOCATION IN FIELD.          SPECIAL PURPOSE CONNECTION (VOLTAGE SHALL MATCH APPLIANCE REQ.)          SUB PANEL</p> <p><b>SWITCHING</b></p> <p>SWITCH, MOUNT AT 43" AFF          THREE-WAY SWITCH          FOUR-WAY SWITCH          DIMMER SWITCH          MOUNT 6" ABV COUNTER</p> <p><b>MISC.</b></p> <p>CEILING FANLIGHT COMBO          CIRCUIT WIRING          DOOR BELL BUTTON</p> <p><b>LIGHTING</b></p> <p>CEILING, RECESSED, DIRECTIONAL, ZERO CLEARANCE IC RATED LED BULB          CEILING, RECESSED, ZERO CLEARANCE IC RATED LED BULB          CEILING, RECESSED, ZERO CLEARANCE IC RATED, WATER RESISTANT, LED BULB          WALL MOUNTED LIGHT          JUNCTION BOX FLUSH CEILING MOUNTED          UNDER COUNTER LIGHTING          LOW VOLTAGE, LANDSCAPE LIGHT          FLUORESCENT FIXTURE (USE SHALLOW TYPE WHEN UNDER COUNTER)</p> <p><b>BATHROOM EXHAUST FAN REQUIREMENTS:</b> PER CGC 4.826.1, EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING: 1. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING. 2. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL. A HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF &lt;= 50 % TO A MAXIMUM OF 80 %. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT. B. A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRATED (I.E. BUILT IN)</p> <p><b>RESIDENTIAL ENERGY LIGHTING REQUIREMENTS:</b> SEE 150.0(K)          *IN THE SHOP, AT LEAST ONE-HALF OF THE WATTAGE RATING OF THE FIXTURES MUST BE HIGH EFFICACY.          *BATHROOMS, GARAGES, LAUNDRY ROOMS, UTILITY ROOMS AND WALK-IN CLOSETS, AT LEAST ONE INSTALLED LUMINAIRE SHALL BE CONTROLLED BY AN OCCUPANCY OR VACANCY SENSOR PROVIDING AUTOMATIC OFF FUNCTIONALITY.          *ALL THROUGHOUT THE RESIDENCE, INCLUDING THE GARAGE AND EXTERIOR, SHALL BE HIGH EFFICACY.          *OUTDOOR LIGHTING: ALL LUMINAIRES MOUNTED TO THE BUILDING OR TO OTHER BUILDINGS ON THE SAME LOT SHALL BE HIGH EFFICACY LUMINAIRES AND SHALL BE CONTROLLED BY A PHOTOCONTROL/SENSOR COMBINATION (W/ OVERRIDE).</p>

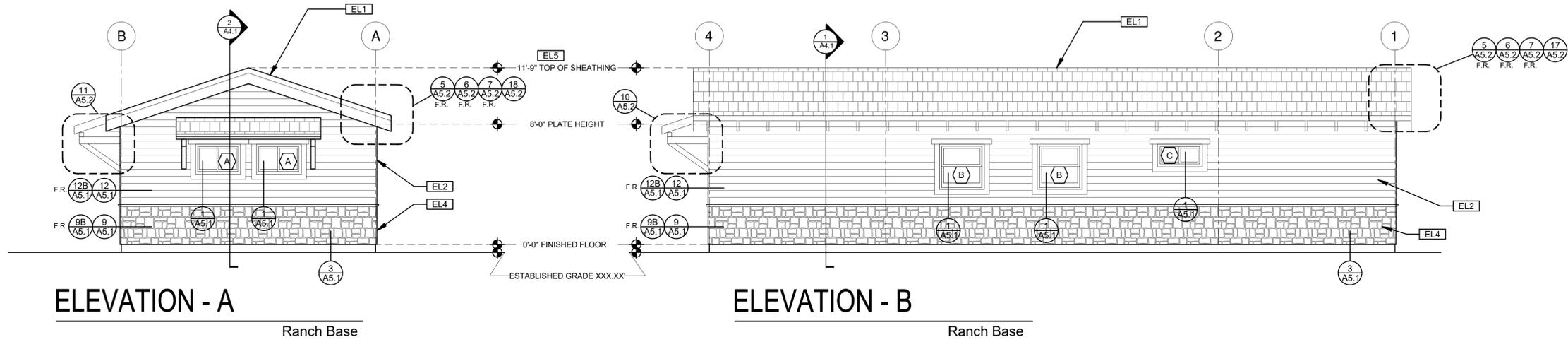
project  
 City of Moreno  
 Valley Permitted  
 ADU Plan Set

revisions

description  
**Mechanical/  
 Plumbing/  
 Electrical**

date  
 project no. 2024\_Moreno ADU

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 sheet no. **A2.1**

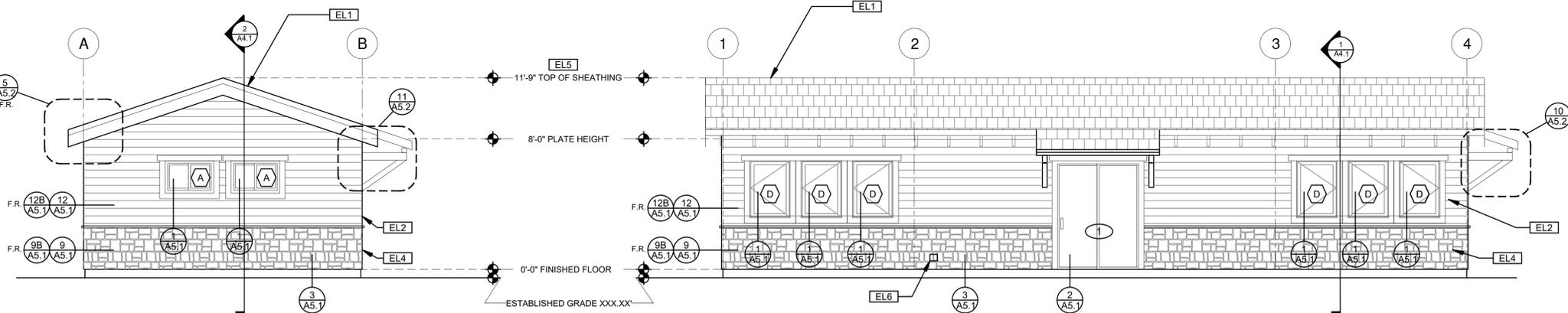


**ELEVATION - A**

Ranch Base

**ELEVATION - B**

Ranch Base



**ELEVATION - C**

Ranch Base

**ELEVATION - D**

Ranch Base

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project  
 City of Moreno  
 Valley Permitted  
 ADU Plan Set

revisions



description  
**Exterior  
 Elevations  
 Ranch Base**

date  
 project no. 2024\_Moreno ADU

drawn by

sheet no.

**A3.1**

ELEVATION KEYNOTES	ELEVATION GENERAL NOTES	LEGEND
<p><b>EL1</b> MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS</p> <p><b>EL2</b> SIDING</p> <p><b>EL3</b> STUCCO</p> <p><b>EL4</b> STONE VENEER</p> <p><b>EL5</b> HEIGHT IS MEASURED AT THE BUILDING LINE, FROM THE LOWER OF EXISTING AND PROPOSED GRADES</p> <p><b>EL6</b> DRYER VENT TERMINATION (MINIMUM OF 3 FT FROM ANY OPENING)</p> <p><b>EL7</b> SHINGLES</p>	<p>1. ALL DIMENSIONS TO FINISH FACE, U.N.O.</p> <p>2. ALL DOORS SHOULD BE 3 1/2" FROM NEAREST INTERSECTING WALL AT HINGED SIDE, U.N.O.</p> <p>3. WRITTEN DIMENSIONS TO PREVAIL OVER SCALING OF DRAWINGS. SUBCONTRACTOR TO VERIFY ALL DIM. PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES.</p> <p>4. REFER TO FRAMING PLANS, FLOOR PLANS, AND SECTIONS FOR CLARIFICATION AND DIMENSIONS</p> <p>5. SEE SCHEDULE FOR DOOR AND WINDOW INFORMATION AND HEIGHTS</p> <p>6. LATH &amp; PLASTER</p> <p>A. MATERIALS FOR PLASTER IS TO BE THE STANDARD PRODUCTS OF RECOGNIZED MANUFACTURERS, AND SHALL BE AS MANUFACTURED BY US GYPSUM CO. AND APPROVED BY THE LATH AND PLASTER INSTIGAT OR APPROVED EQUAL.</p> <p>B. ALL PLASTER CORNER BEADS, CASING BEADS, CONTROL JOINTS, EXPANSION SCREEDS AND ACCESSORIES ARE TO BE GALVANIZED. PROVIDE CASING BEADS AT ALL JOINTS OF STUCCO TO DISSIMILAR SURFACES UNLESS OTHERWISE NOTED.</p> <p>C. WHERE INDICATED ON THE DRAWINGS, PORTLAND CEMENT PLASTER IS TO BE HAND APPLIED (3) THREE COAT WORK, 7/8" THICK ON EXTERIOR SURFACES. THE COATS ARE TO CONSIST OF A SCRATCH (3/8" AND A TWO COAT FINISH (1/8" MIN.) COAT PROPORTIONED AND MIXED ADS RECOMMENDED BY THE CALIFORNIA LATHING AND PLASTERING CONTRACTORS ASSOCIATION.</p> <p>7. FRAMING ELEVATIONS, INCLUDING FLOOR PLATES AND FLOOR LEVEL ELEVATIONS ARE MEASURED FROM BUILDING FINISH FLOOR, U.N.O.</p> <p>8. SEE ROOF PLAN FOR APPROXIMATE DOWNSPOUT LOCATIONS, U.N.O.</p> <p>10. CONTRACTOR TO VERIFY COLOR SCHEME WITH OWNER BEFORE PERFORMING THE WORK</p>	<p><b>SECTION CUT</b></p> <p><b>ELEVATION CALLOUT</b></p> <p><b>DETAIL DRAWING REF.</b></p> <p><b>ELEVATION MARKER</b></p> <p><b>KEYNOTE</b></p> <p><b>DOOR SYMBOL</b></p> <p><b>WINDOW SYMBOL</b></p> <p><b>TEMPERED GLASS</b></p> <p><b>SPRAY FIN. STUCCO</b></p> <p><b>SHINGLES</b></p> <p><b>SIDING</b></p> <p><b>STONE</b></p> <p><b>GLAZING</b></p> <p><b>ROOFING</b></p>

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project  
 City of Moreno  
 Valley Permitted  
 ADU Plan Set

revisions



description  
**Exterior  
 Elevations  
 Ranch  
 Component**

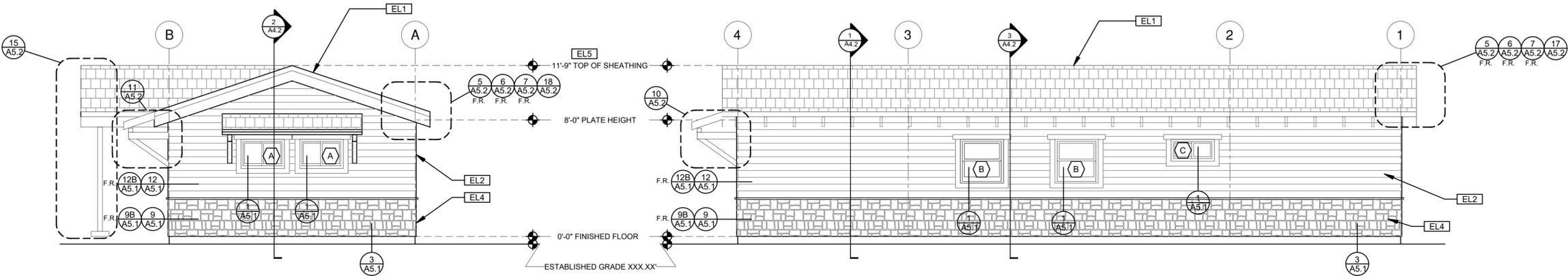
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project no. 2024\_Moreno ADU

drawn by

sheet no.

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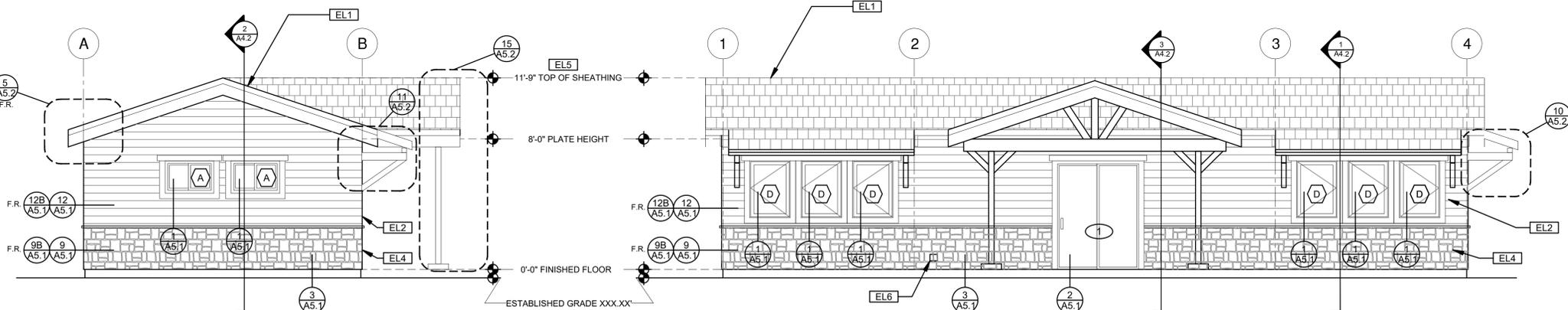


**ELEVATION - A**

Ranch Porch Component

**ELEVATION - B**

Ranch Porch Component



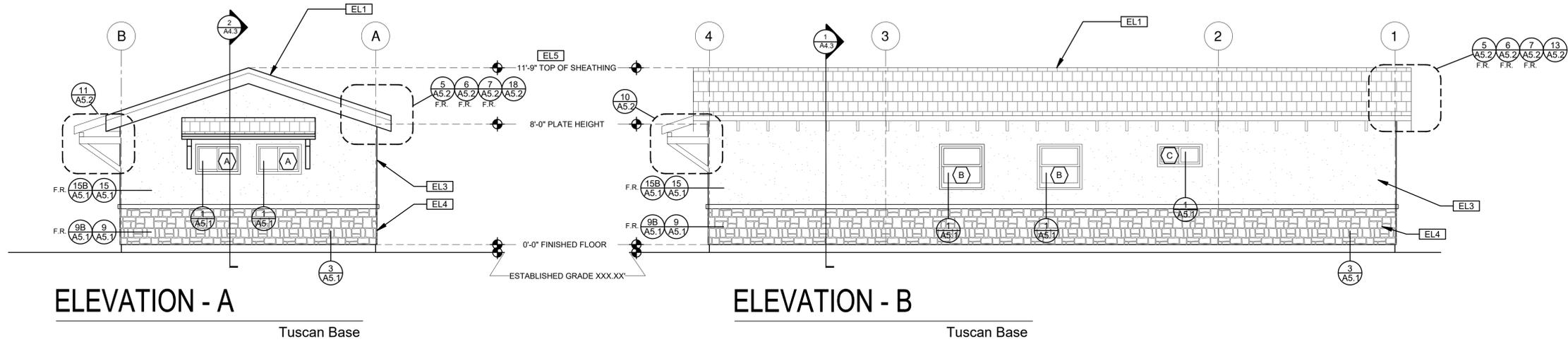
**ELEVATION - C**

Ranch Porch Component

**ELEVATION - D**

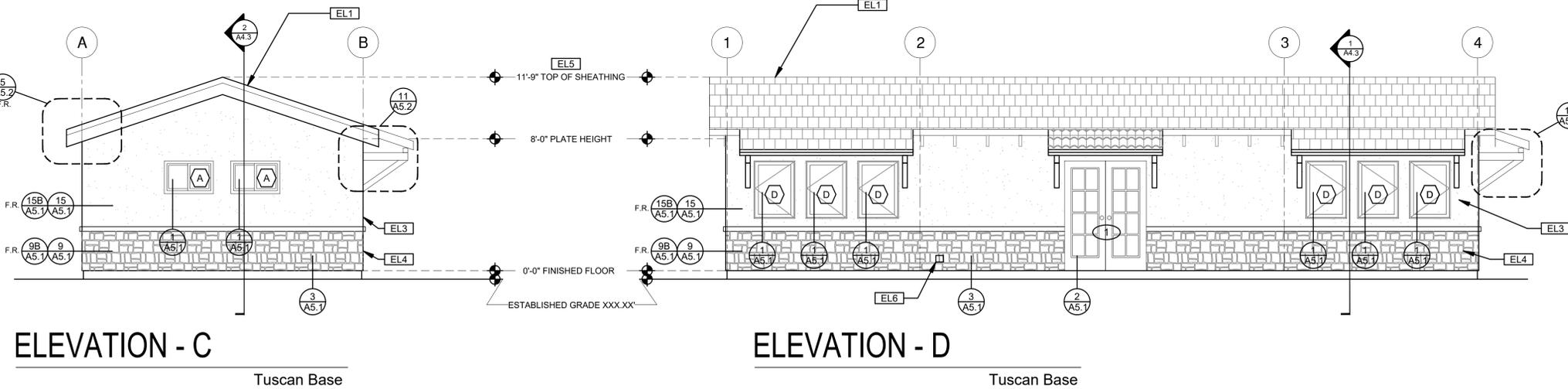
Ranch Porch Component

ELEVATION KEYNOTES	ELEVATION GENERAL NOTES	LEGEND
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**ELEVATION - A**

**ELEVATION - B**



**ELEVATION - C**

**ELEVATION - D**

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project  
 City of Moreno  
 Valley Permitted  
 ADU Plan Set

revisions  
 ⚠

description  
**Exterior  
 Elevations  
 Tuscan Base**

date  
 project no. 2024\_Moreno ADU

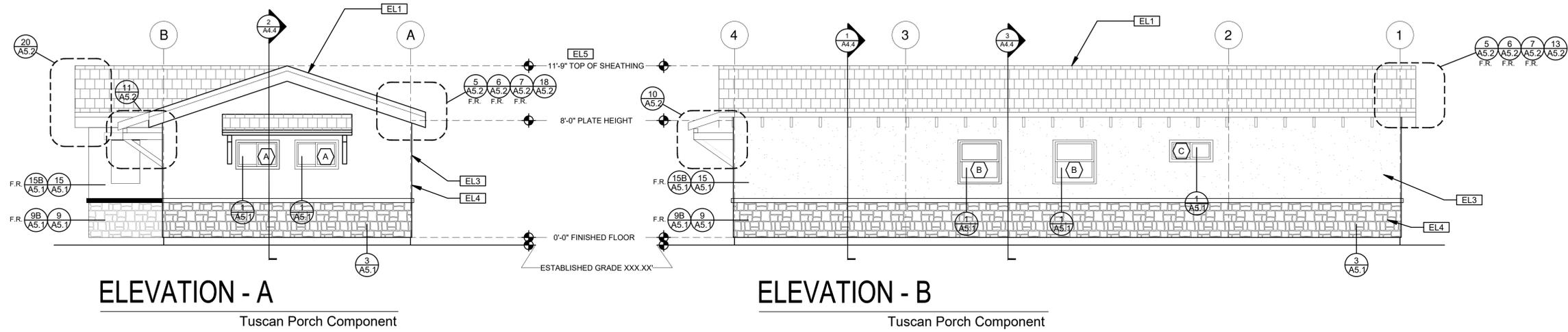
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 sheet no. **A3.3**

ELEVATION KEYNOTES	
EL1	MINIMUM CLASS A ROOF ASSEMBLY - SEE SHEET T1.1 FOR MANUFACTURER SPECIFICATIONS
EL2	SIDING
EL3	STUCCO
EL4	STONE VENEER
EL5	HEIGHT IS MEASURED AT THE BUILDING LINE, FROM THE LOWER OF EXISTING AND PROPOSED GRADES
EL6	DRYER VENT TERMINATION (MINIMUM OF 3 FT FROM ANY OPENING)
EL7	SHINGLES

ELEVATION GENERAL NOTES	
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LEGEND					
	SECTION CUT		KEYNOTE		SPRAY FIN. STUCCO
	ELEVATION CALLOUT		DOOR SYMBOL		SHINGLES
	DETAIL DRAWING REF.		WINDOW SYMBOL		SIDING
	ELEVATION MARKER		TEMPERED GLASS		STONE
					GLAZING
					ROOFING

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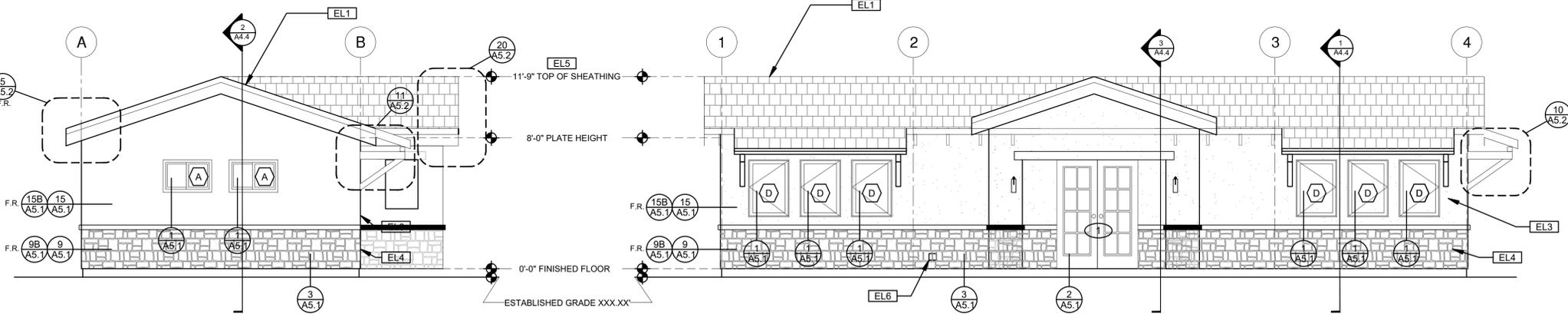


**ELEVATION - A**

Tuscan Porch Component

**ELEVATION - B**

Tuscan Porch Component



**ELEVATION - C**

Tuscan Porch Component

**ELEVATION - D**

Tuscan Porch Component

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 Valley Permitted  
 ADU Plan Set

revisions



description  
**Exterior  
 Elevations  
 Tuscan  
 Component**

date  
 project no. 2024\_Moreno ADU

drawn by

sheet no.

**A3.4**

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project  
 City of Moreno Valley Permitted ADU Plan Set

revisions



description  
**Building Sections Ranch Base**

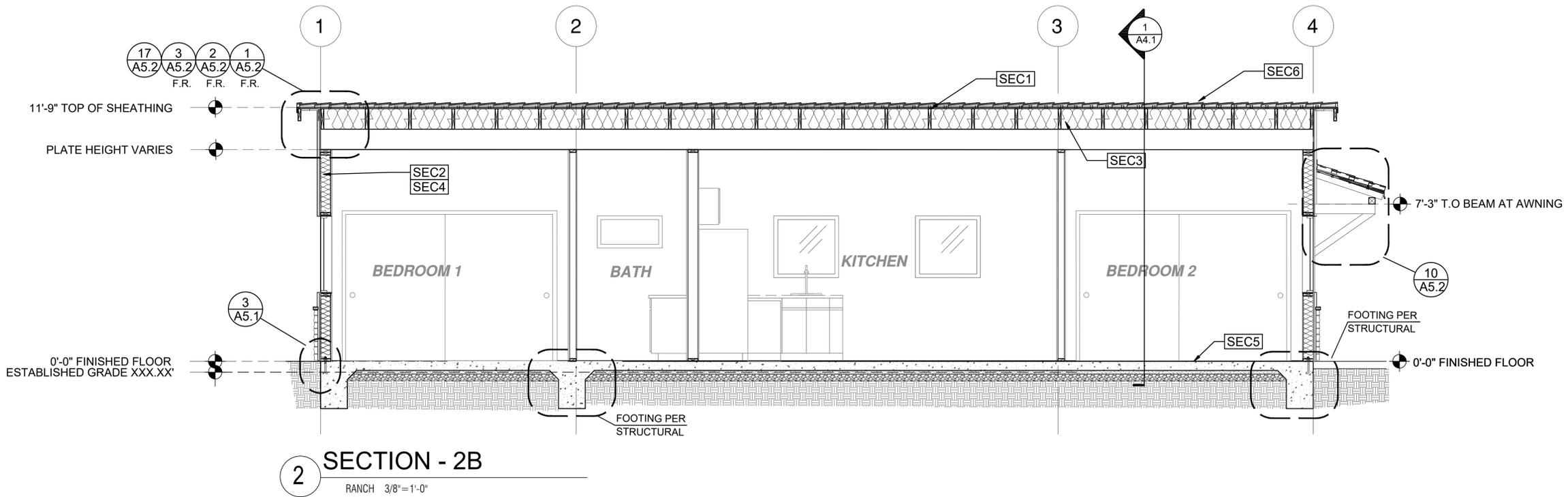
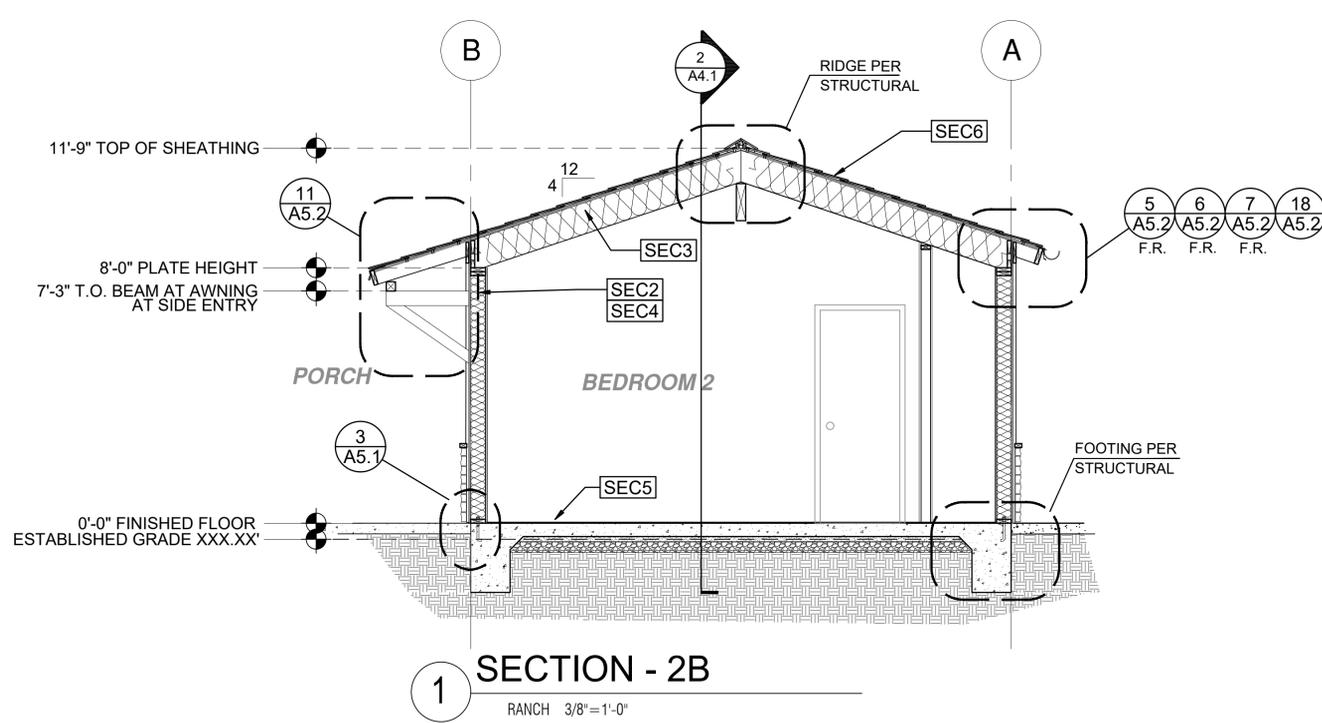
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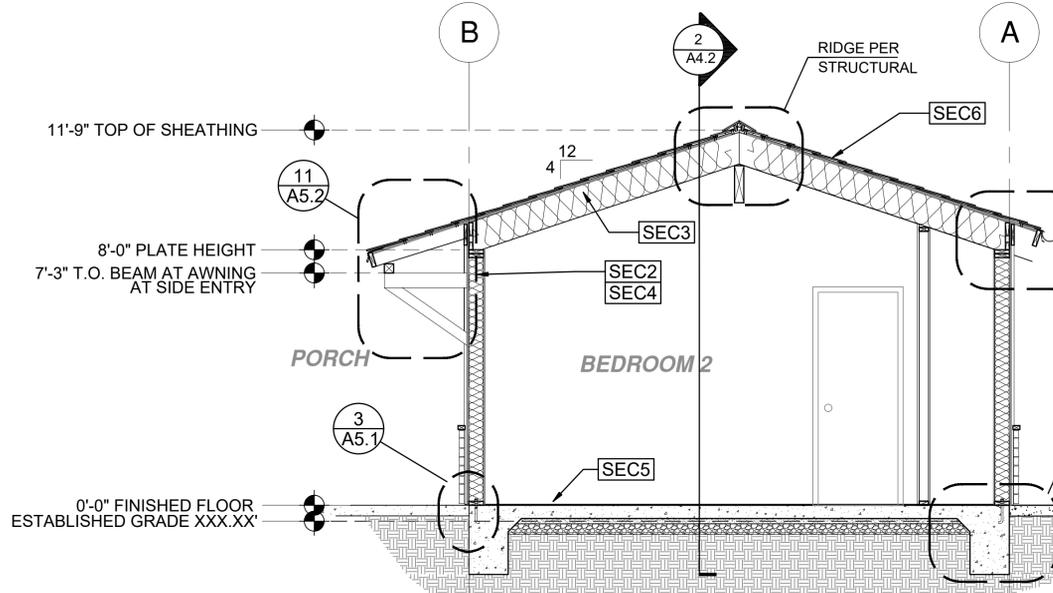
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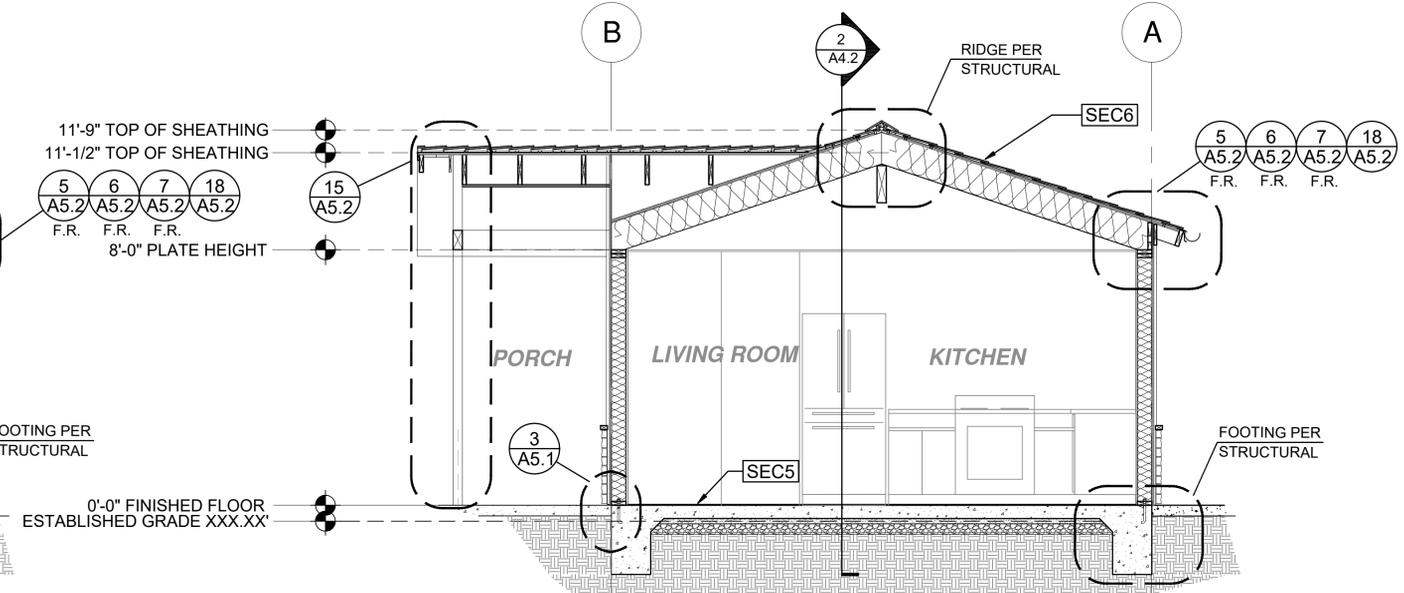
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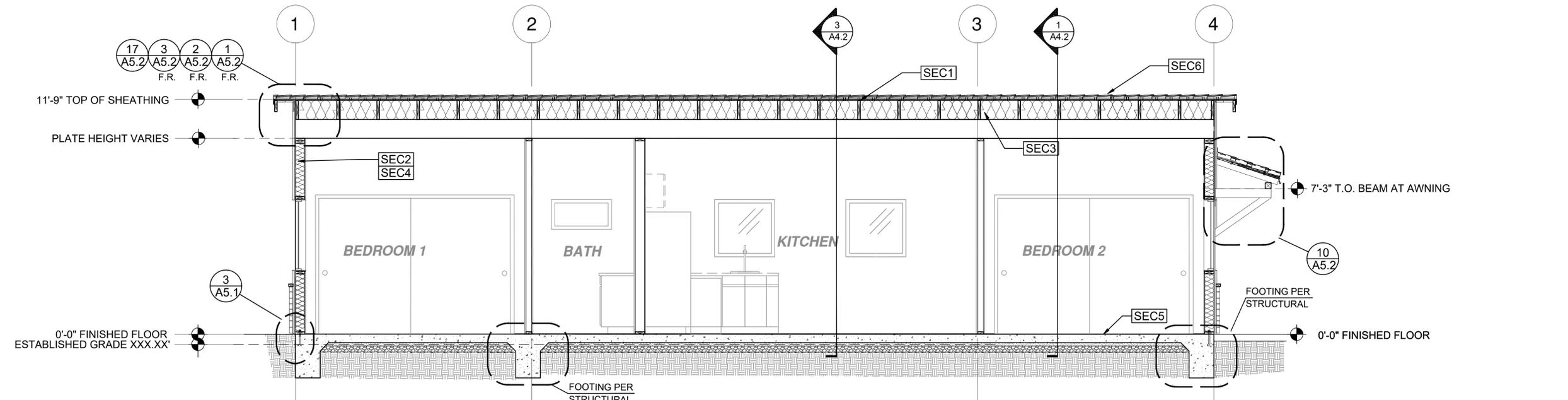
SECTION KEYNOTES	SECTION GENERAL NOTES	LEGEND
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**1 SECTION - Porch Component 2B**  
 RANCH 3/8"=1'-0"



**3 SECTION - Porch Component 2B**  
 RANCH 3/8"=1'-0"



**2 SECTION - Porch Component 2B**  
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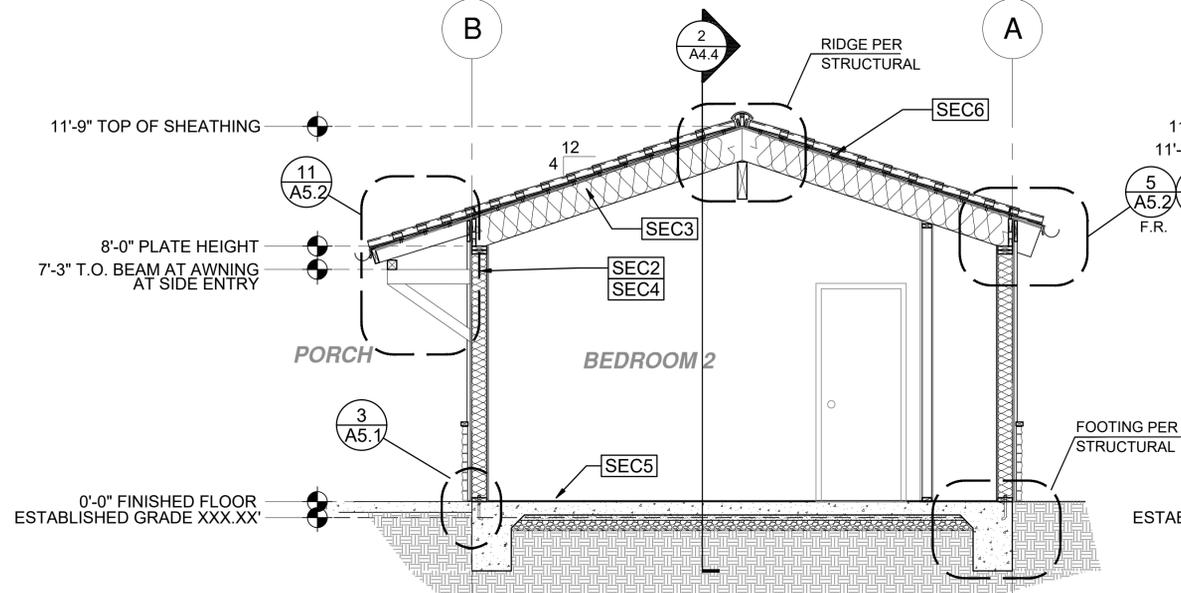
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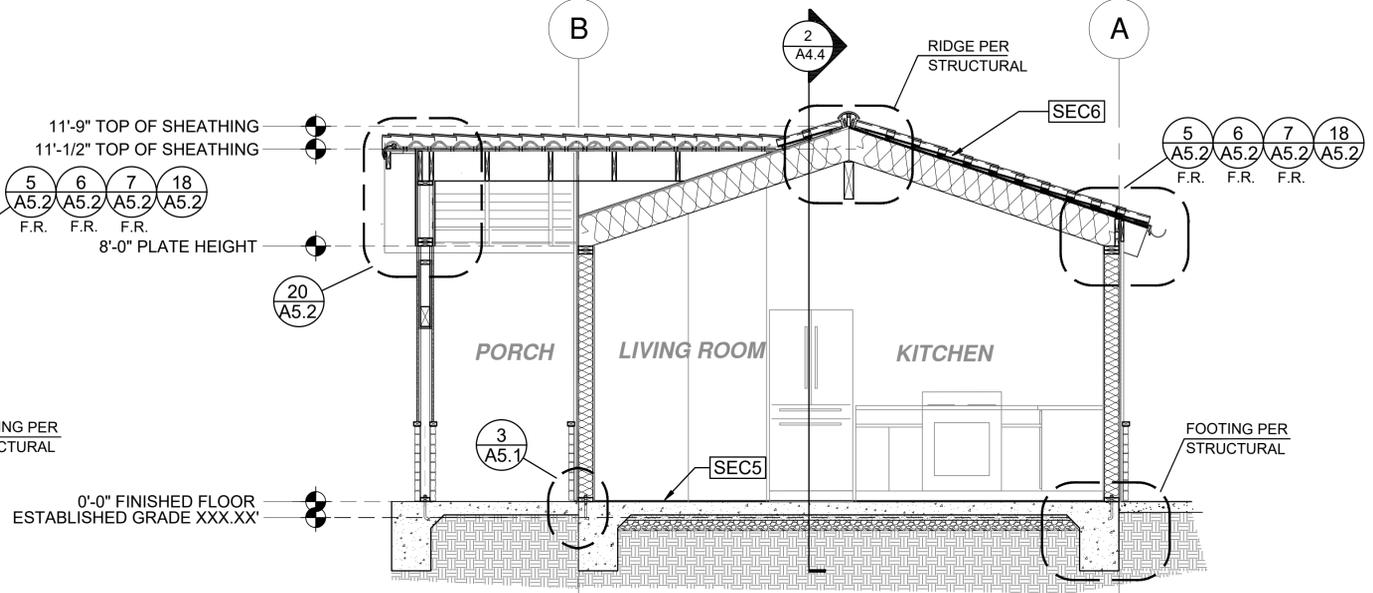
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**Building  
 Sections  
 Ranch  
 Component**

date  
 project no. 2024\_Moreno ADU  
 drawn by  
 sheet no.

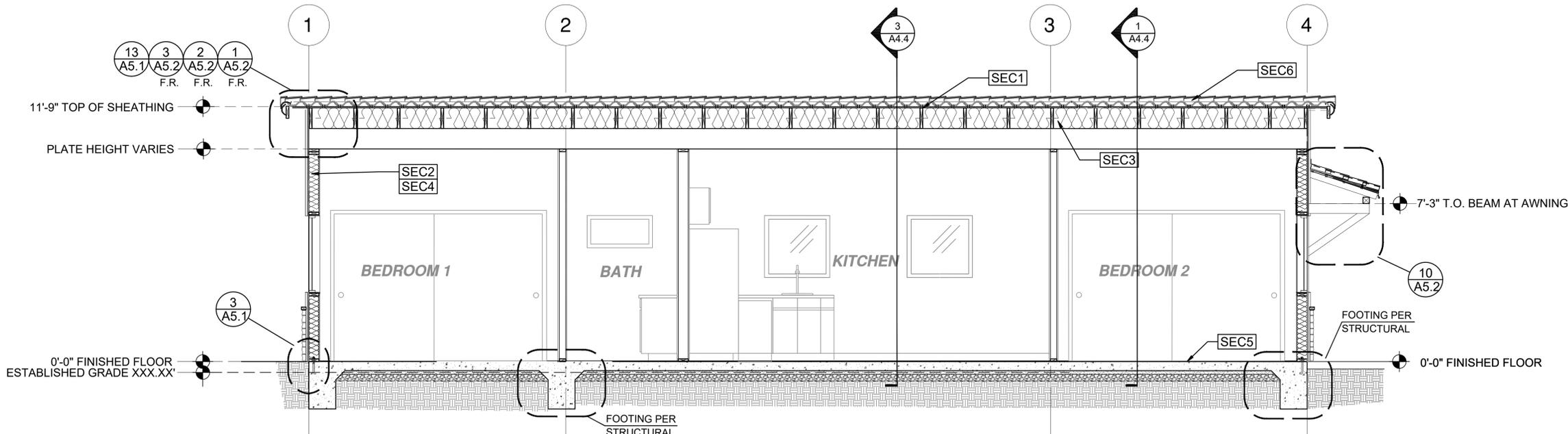




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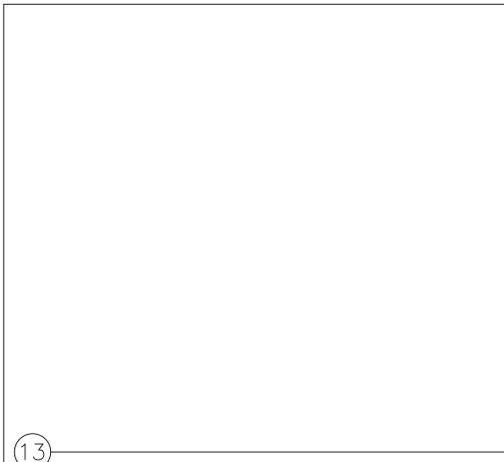
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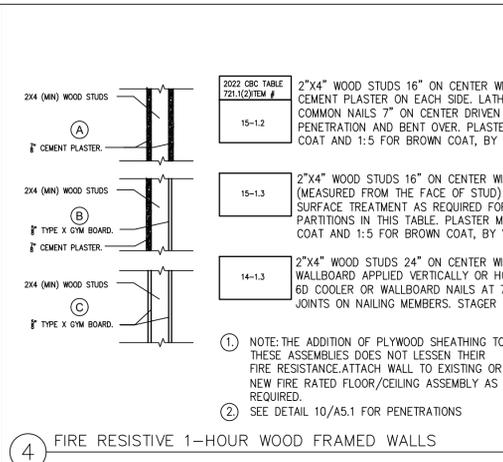
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 Component

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 project no. 2024\_Moreno ADU  
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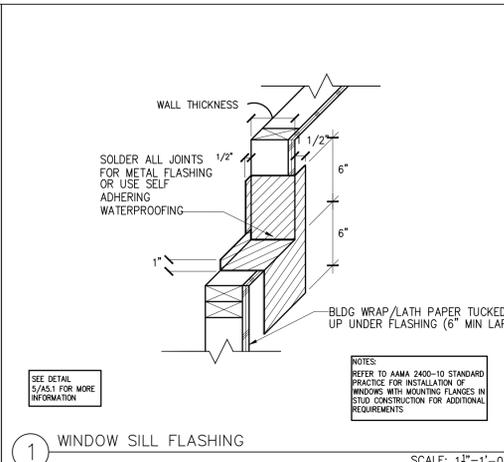
1. WALL ASSEMBLY  
 THE 1 HR. FIRE RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL USDO OR I440 SERIES WALL AND PARTITION DESIGNS IN UL FIRE RESISTANCE DIRECTORY & SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:  
 A. STUDS-WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STEEL. WOOD STUDS TO CONSIST OF NOM. 2 IN BY 4 IN LUMBER SPACED 16 IN. O.C. STEEL STUDS TO BE MIN. 3 1/2 IN. WIDE & SPACED MAX. 24 IN. O.C.  
 B. GYPSUM BOARD (BEARING THE UL CLASSIFICATION MARKING)-THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS REQUIRED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX. DIAM. OF OPENING IS 5 IN. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.  
 2. THROUGH - PENETRANTS  
 ONE METALLIC PIPE, CONDUIT OR TUBING INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN THE PIPE, CONDUIT OR TUBING AND PERIPHERY OF THE OPENING SHALL BE MIN. OF 0 IN. (POINT CONTACT) TO A MAX. 1/8 IN. PIPE CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:  
 A. COPPER TUBING-NOM. 4 IN. DIAM. (OR SMALLER) TYPE M (OR HEAVIER) COPPER TUBING.  
 B. COPPER PIPE-NOM. 4 IN. DIAM. (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.  
 C. STEEL PIPE-NOM. 4 IN. DIAM. (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.  
 D. CONDUIT-NOM. 4 IN. DIAM. (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR RIGID STEEL CONDUIT.  
 E. IRON PIPE-NOM. 4 IN. DIAM. (OR SMALLER) CAST OR DUCTILE IRON PIPE.  
 3. FILL, VOID OR CAVITY MATERIALS (BEARING THE UL CLASSIFICATION MARKING)-CAULK OR PUTTY MIN. 1/2 IN. DIAMETER BEAD CAULK OR PUTTY APPLIED CONTINUOUSLY AROUND THE PENETRATE ON THE WALL SURFACES ON BOTH SIDES OF THE WALL. 3M COMPANY - CP 228B+ CAULK OF MP5-2+ PUTTY

10 THROUGH PENETRATION @ WALL SCALE: 1"=1'-0"

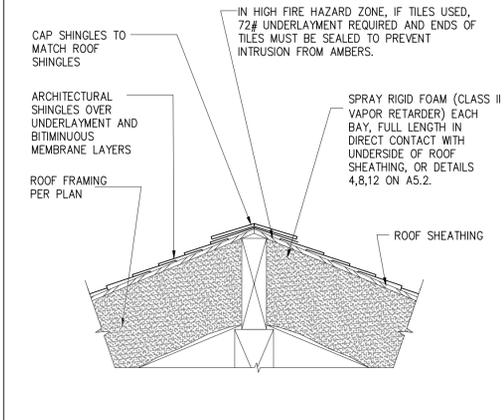


2022 CBC TABLE 721.12(2) ITEM #  
 15-1.2 2"x4" WOOD STUDS 16" ON CENTER WITH METAL LATH AND 5/8" CEMENT PLASTER ON EACH SIDE. LATH ATTACHED WITH 6D COMMON NAILS 7" ON CENTER DRIVEN TO 1" MINIMUM PENETRATION AND BENT OVER. PLASTER MIX 1:4 FOR SCRATCH COAT AND 1:5 FOR BROWN COAT, BY VOLUME, CEMENT TO SAND.  
 15-1.3 2"x4" WOOD STUDS 16" ON CENTER WITH 5/8" CEMENT PLASTER (MEASURED FROM THE FACE OF STUD) ON THE EXTERIOR SURFACE TREATMENT AS REQUIRED FOR INTERIOR WOOD STUD PARTITIONS IN THIS TABLE. PLASTER MIX 1:4 FOR SCRATCH COAT AND 1:5 FOR BROWN COAT, BY VOLUME, CEMENT TO SAND.  
 14-1.3 2"x4" WOOD STUDS 24" ON CENTER WITH 5/8" TYPE X GYPSUM WALLBOARD APPLIED VERTICALLY OR HORIZONTALLY NAILED WITH 6D COOLER OR WALLBOARD NAILS AT 7" ON CENTER WITH END JOINTS ON NAILING MEMBERS. STAGER JOINTS ON EACH SIDE.  
 GYPSUM ASSOC. FILE #  
 N/A  
 N/A  
 WP 3510 & WP 3514  
 WP 3510 - ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2 X 4 WOOD STUDS 16" O.C. WITH 11/4" TYPE W DRYWALL SCREWS 12" O.C. JOINTS STAGGERED 16" ON OPPOSITE SIDES. (LOAD-BEARING)  
 WP 3514 - ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2 X 4 WOOD STUDS 24" O.C. WITH 6D COATED NAILS, 17/8" LONG, 0.0915" SHANK, 1/4" HEADS, 7" O.C. JOINTS STAGGERED 24" ON OPPOSITE SIDES. (LOAD-BEARING)  
 NOTE: THE ADDITION OF PLYWOOD SHEATHING TO THESE ASSEMBLIES DOES NOT LESSEN THEIR FIRE RESISTANCE. ATTACH WALL TO EXISTING OR NEW FIRE RATED FLOOR/CEILING ASSEMBLY AS REQUIRED.  
 SEE DETAIL 10/A5.1 FOR PENETRATIONS

4 FIRE RESISTIVE 1-HOUR WOOD FRAMED WALLS SCALE: NTS



1 WINDOW SILL FLASHING SCALE: 1/2"=1'-0"



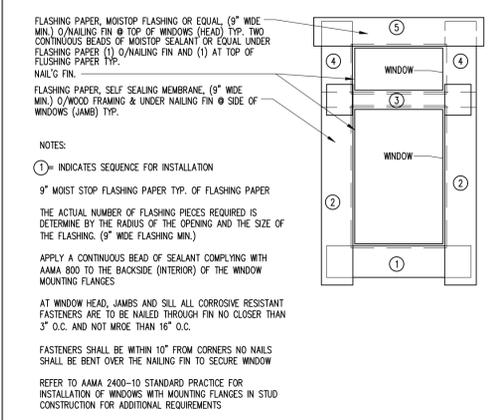
14 UN-VENTED RIDGE, TYP. SCALE: 1"=1'-0"



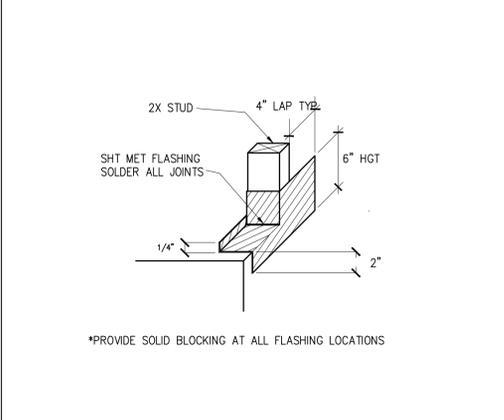
11 THROUGH PENETRATION @ WALL SCALE: 1"=1'-0"



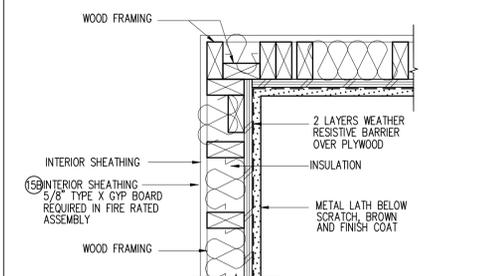
8 FIRE RESISTIVE 1-HOUR WOOD FRAMED WALLS SCALE: NTS



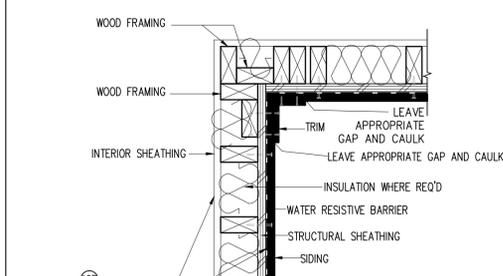
5 WINDOW FLASHING SCALE: NTS



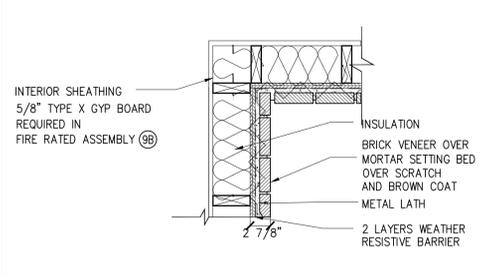
2 DOOR THRESHOLD FLASHING SCALE: 1/2"=1'-0"



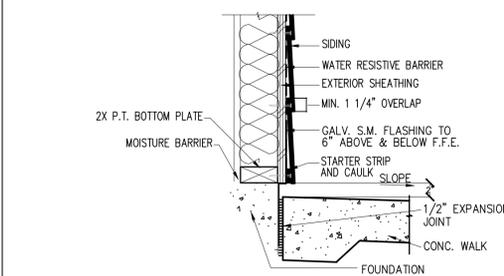
15B FIRE RATED STUCCO WALL SCALE: 1/2"=1'-0"



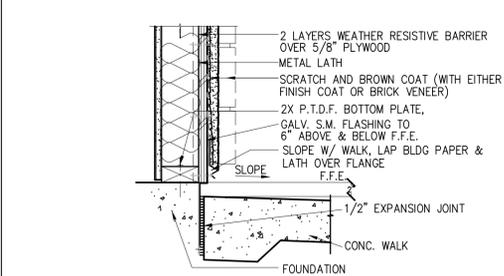
12B FIRE RATED SIDING WALL SCALE: 1/2"=1'-0"



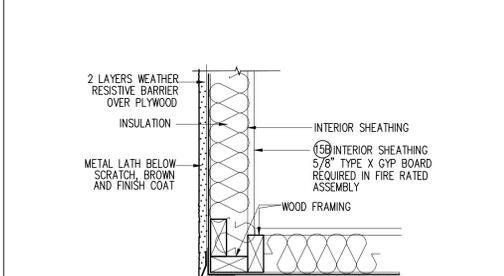
9B FIRE RATED STONE WALL SCALE: 1/2"=1'-0"



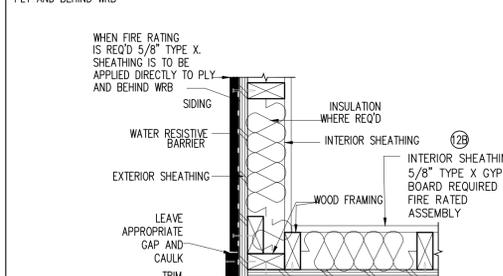
6 SIDING - WALL SECTION SCALE: 1/2"=1'-0"



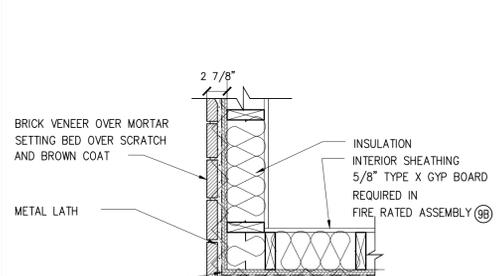
3 STUCCO/STONE - WALL SECTION SCALE: 1/2"=1'-0"



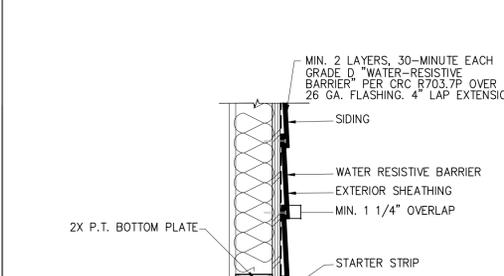
15 STUCCO WALL SCALE: 1/2"=1'-0"



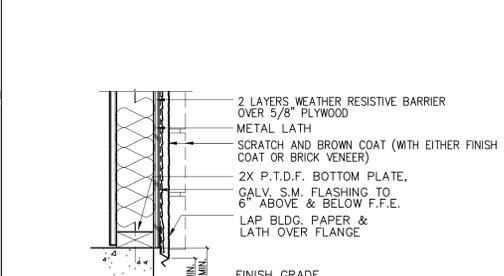
12 SIDING WALL SCALE: 1/2"=1'-0"



9 STONE WALL SCALE: 1/2"=1'-0"



6 SIDING - WALL SECTION SCALE: 1/2"=1'-0"



3 STUCCO/STONE - WALL SECTION SCALE: 1/2"=1'-0"

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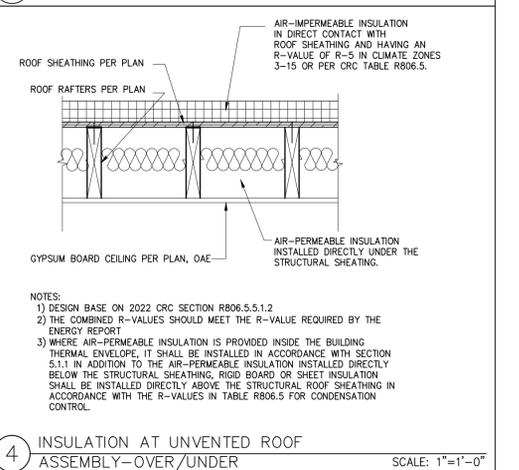
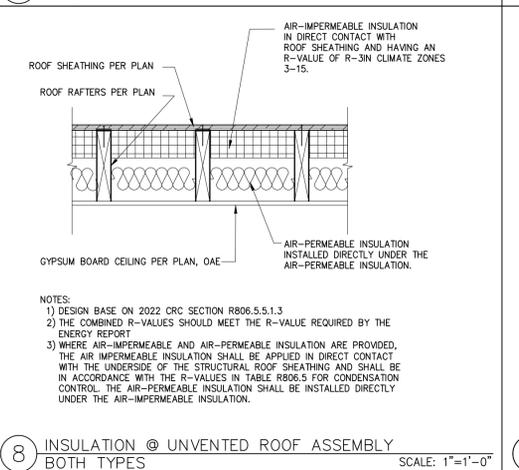
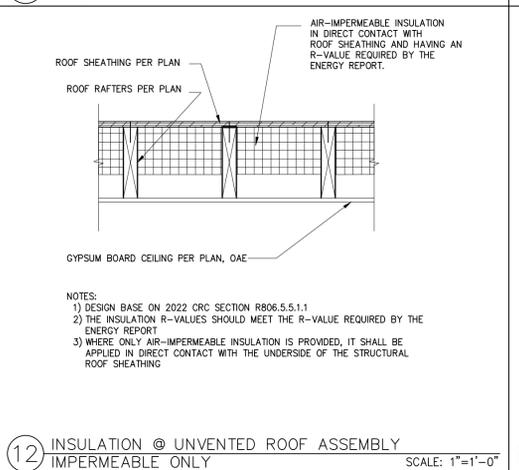
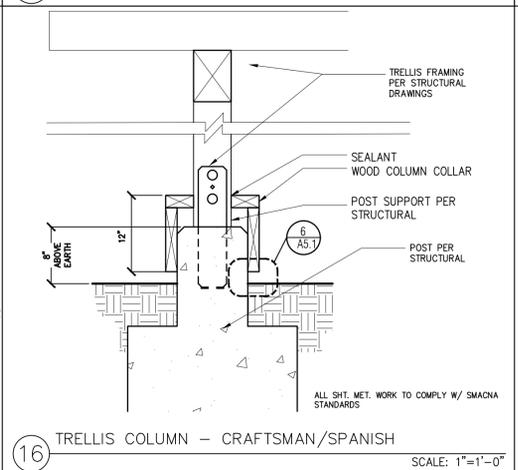
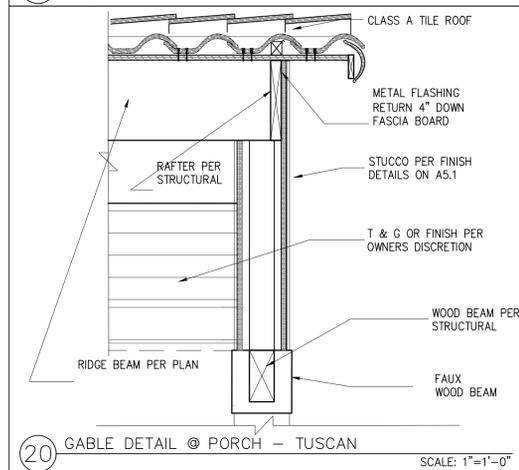
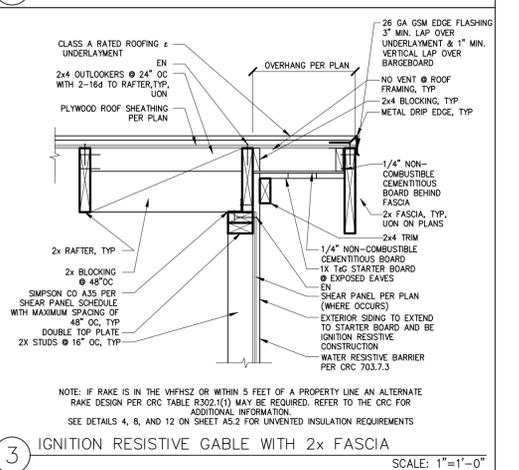
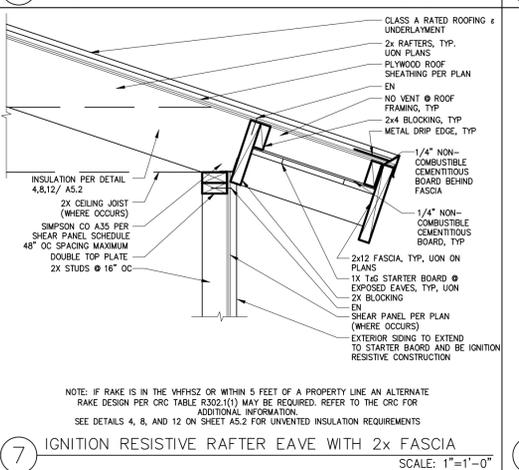
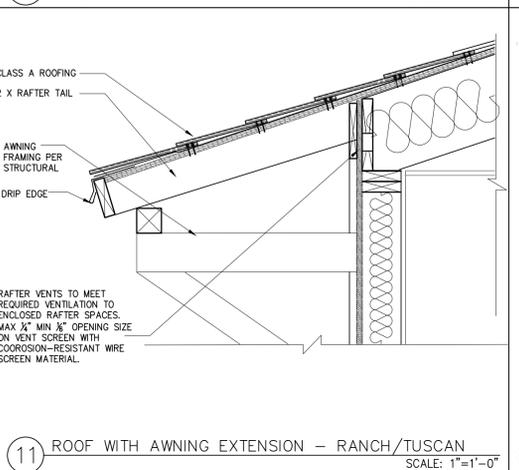
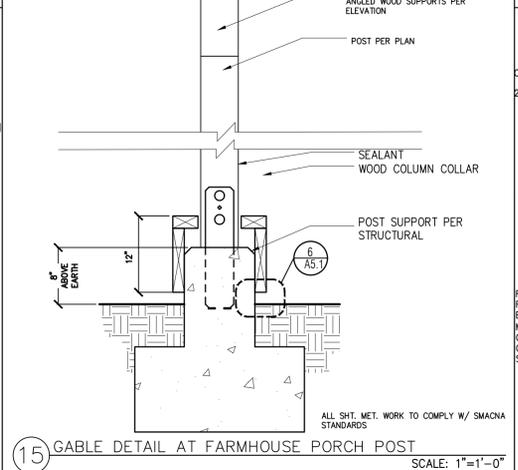
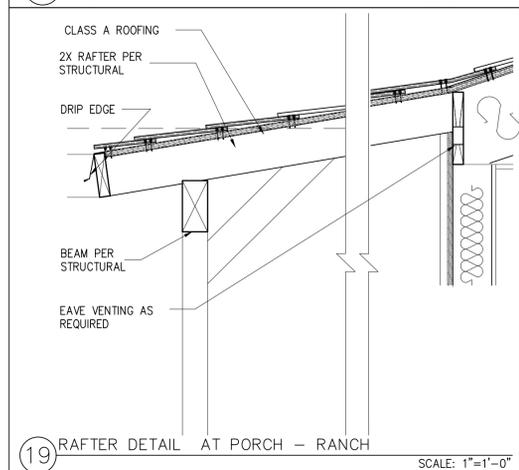
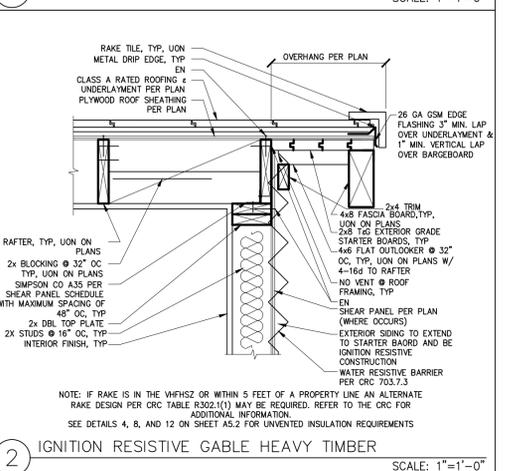
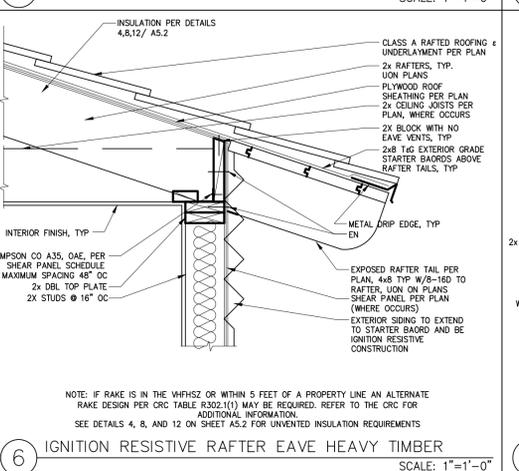
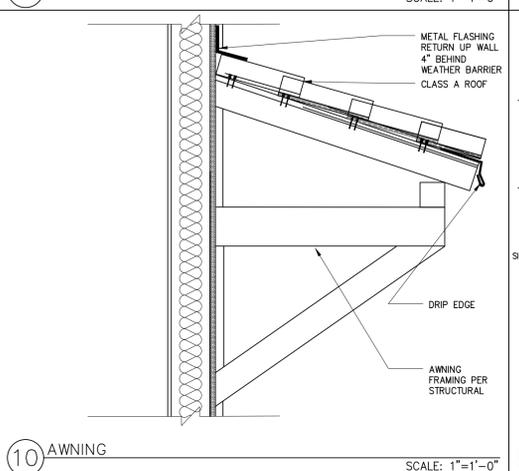
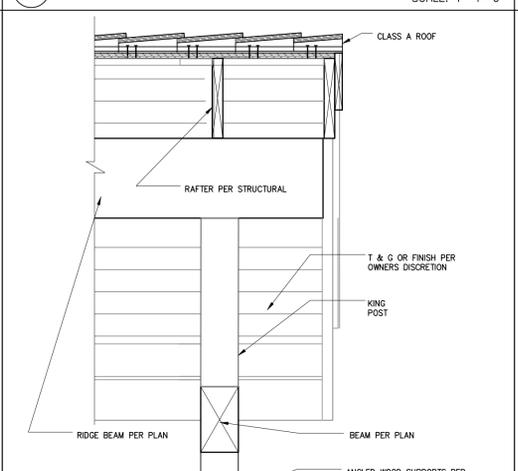
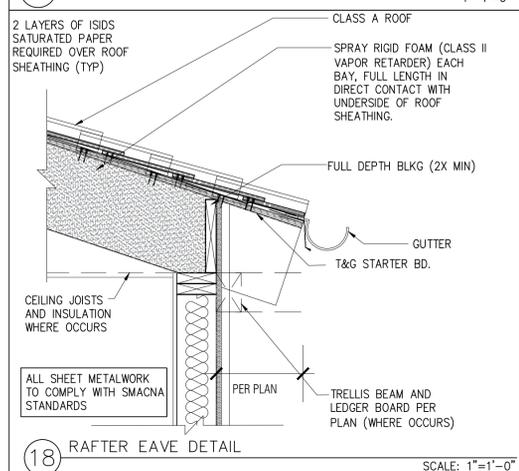
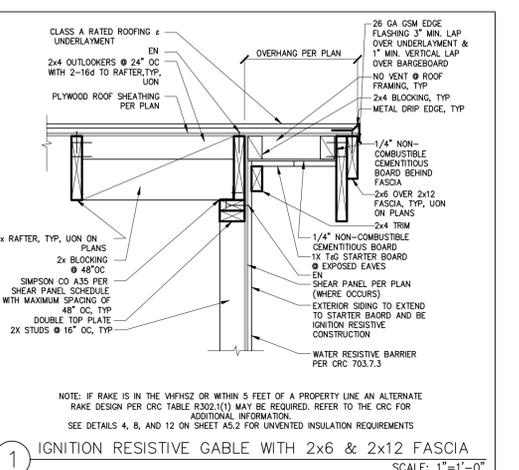
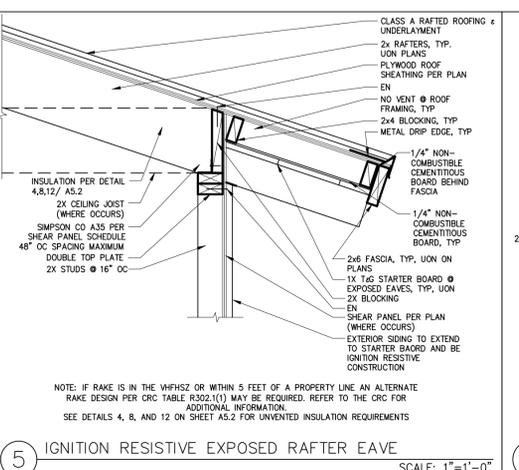
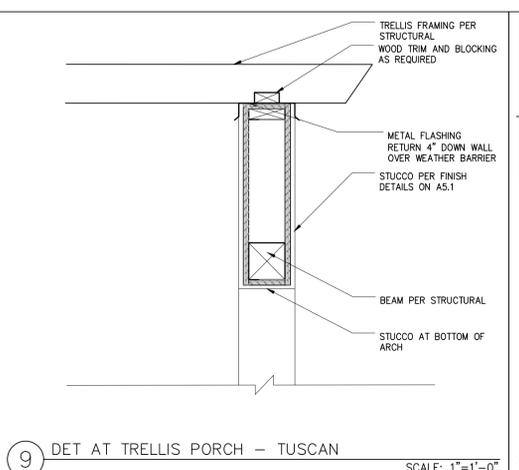
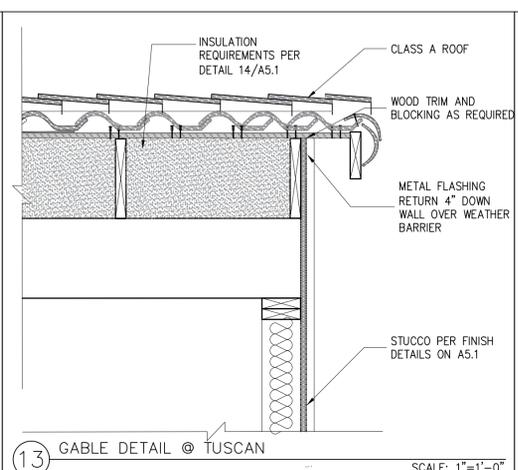
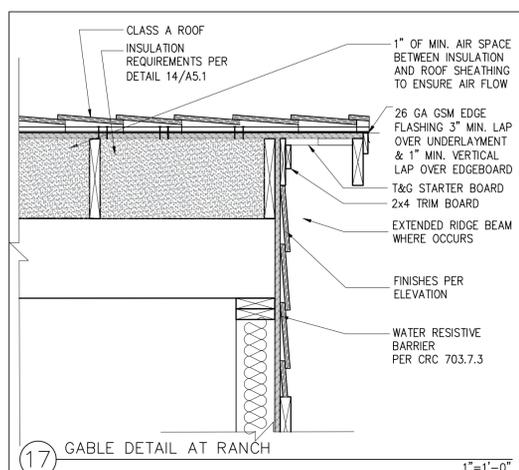
description  
 Architectural Wall Finish Details

date

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drawn by

sheet no. A5.1



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