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project  
Santa Ana  
ADU

address

revisions



description  
Floor Plan/  
Roof Plan  
Ranch + Porch  
1 Bedroom

date MAY 2023

project no. 2022\_SANTA\_ANA\_ADU

drawn by DESIGN PATH STUDIO

sheet no.

A1.2

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 ON THIS SHEET</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 TO BE INSTALLED PER MANUFACTURER REQUIREMENTS</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><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 36.5" ABOVE FINISH FLOOR. SEE DETAIL 8.10.11/A5.1 AND 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 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><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: 499 .SF. VENTILATION AREA REQUIRED: 499 .SF / 150SF = 3.33 .SF. CONVERT TO SQ. IN: 3.33 .SF x 144 = 479 .SQ. IN. MINIMUM VENTILATION AREA REQUIRED: 479 .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 &amp; HERS NOTE 6 ON SHEET T1.1 FOR SOLAR REQUIRED</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>