By using these standard plans, the user agrees to release the County of San Diego from any responsibility to verify any and all information.

ELEVATIONS 1/2" = 1'-0"
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Elevations

1/2" = 1'-0"

EXTERIOR WALLS OF BUILDINGS

1. Material meeting same fire-resistant standards as
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

2. EXTERIOR DOORS SHALL BE LISTED TO ASTM E 2886 and comply with
   - Approved alternative decking material meeting
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

3. PATIO COVER, CARPORT AND TRELLIS CONSTRUCTION WITH ALL EXPOSED
   - Ignition-resistant material
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

4. IGNITATION-RESISTANT MATERIAL
   - Approved by the building official.
   - An underlayment of other ignition-resistant material
   - Sheathing, 4x6 rafters/beams, 6x6 posts

5. FENCING OR ANY STRUCTURE WITHIN 5 FEET OF BUILDING SHALL BE
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

6. ALL VENTS (ROOF, FOUNDATION, COMBUSTION-AIR, ETC) SHALL RESIST
   - The maximum temperature of the unexposed side of the vent
   - There shall be no flaming ignition of the cotton material
   - Approvals in the building official.

7. EXTERIOR GARAGE DOORS SHALL RESIST THE INTRUSION OF EMBERS INTO
   - Approved alternative decking material meeting
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

8. SHEATHING, 4X6 RAFTERS/BEAMS, 6X6 POSTS
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

9. IGNITATION-RESISTANT MATERIAL
   - Approved exterior fire-retardant treated wood
   - 1-hour fire-resistant-rated material
   - Non-combustible material

10. FLAME INTRUSION TEST
    - Exposed valley flashings shall be constructed with non-combustible materials and non-combustible components with a flame spread rating of 25 or less, or shall
    - Exposed valley flashings shall be constructed with non-combustible materials and non-combustible components with a flame spread rating of 25 or less.

11. COVERING SHALL BE 7/8-INCH THICK
    - Stucco and cement plaster used as an exterior wall covering shall have an
    - Approved exterior fire-retardant treated wood
    - 1-hour fire-resistant-rated material
    - Non-combustible material

12. WATER WILDFIRE ZONE PLAN NOTES
    - See sheet A3 for key notes
ATTIC VENTILATION REQUIRED

**NET FACE CROSS VENTILATION AREA**

VENT AREA REQUIRED = 800 ft² / 300 = 2.66 ft²

**GABLE END VENTS**

QTY = 3 VENTS

VENT AREA PROVIDED = 3 x 71 in² = 213 in²

**EAVE VENTS**

QTY = 10 VENTS

VENT AREA PROVIDED = 8 x 23 in² = 230 in²

**TOTAL VENT AREA PROVIDED**

384 in²

**VENTILATION REQUIRED**

SOLAR READY KEY NOTES

1. MIN 250 S.F. SOLAR ZONE AREA
2. DEDICATED SOLAR ZONE AREA LOCATED BETWEEN 110 AND 270 DEGREES OF TRUE NORTH - USE AREA A OR B AS NEEDED.
3. NO OBSTRUCTIONS - INCLUDING VENTS, CHIMNEYS, SKYLIGHTS, ARCHITECTURAL FEATURES, ROOF MOUNTED EQUIPMENT - LOCATED WITHIN SOLAR ZONE.
4. 3" MIN FIRE FIGHTER ACCESS
5. 1'-6" SMOKE VENTILATION SETBACK AT RIDGES

SOLAR READY CONFIGURATIONS

1. DEDICATED SOLAR ZONE AREA (AREA A)
2. DEDICATED SOLAR ZONE AREA (AREA B)
3. DEDICATED SOLAR ZONE AREA (AREA D)
4. DEDICATED SOLAR ZONE AREA (AREA C)

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1. FOOTING TO DAYLIGHT DISTANCE FROM EDGE OF Structure MIN 7' HORIZONTAL 

2. PANEL SPAN MAXIMUM WALL STUD BRACED WALL LINE 

3. BOLT LOCATED MAXIMUM 1-3/4" DIAMETER AND HAVE A MINIMUM 3" LARGER WIDTH THAN BOLT DIAMETER AND MAXIMUM 1-3/4" EMBEDMENT OF 7 INCHES INTO CONCRETE (UNO) AND NOT SPACED MORE THAN 6 FEET APART

4. PROVIDE A MINIMUM OF TWO ANCHOR BOLTS PER SILL PLATE WITH ONE BOLT LOCATED BETWEEN 12" AND MINIMUM 1-1/2" DIAMETERS FROM EACH END OF EACH SECTION

5. BOLTS TO LOCATED ABOVE MIDDLE THIRD OF THE SILL PLATE WIDTH

6. FOUNDATION FOR PRESSURE-PRESERVATION TREATED AND FIRD TREATED WOOD PANEL SHEATHING SHALL BE EXPERIENCE DURING DRY

7. MELD TO PANEL SHEATHING ALLOWED IN OR BEYOND SLAB WITHIN THE STRUCTURE.

WOOD STRUCTURAL PANEL SHEATHING

<table>
<thead>
<tr>
<th>MARK</th>
<th>MINIMUM NAIL</th>
<th>MINIMUM WOOD STRUCTURAL PANEL THICKNESS</th>
<th>PANEL NAIL SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>8D COMMON</td>
<td>1.5</td>
<td>24-6</td>
<td>16</td>
</tr>
<tr>
<td>8D COMMON</td>
<td>1.75</td>
<td>24-16</td>
<td>16</td>
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</tbody>
</table>

WOOD STRUCTURAL PANELS SHALL CONFORM TO DOC PS 1, DOC PS 3 OR ANSI/AWA PP 201, CSA CHST OR CSA CS25. PANELS SHALL BE IDENTIFIED BY A GRADING MARK OR CERTIFICATE OF INSPECTION ISSUED BY AN APPROVED AGENCY.

VERTICAL JOINTS OF PANEL SHEATHING SHALL OCCUR OVER AND BE FASTENED TO COMMON STUDS. HORIZONTAL JOINTS IN BRACED WALL PANELS SHALL OCCUR OVER AND BE FASTENED TO COMMON BLOCKING OF A MINIMUM 1" THICKNESS.

LEGEND

# BRACED WALL LINE

FOUNDATION PLAN

1/4" = 1'-0"
A. General

1. Foundation

a. Foundation construction. Foundation construction shall conform to the California Building Code (CBC 2019) and the California Plumbing Code (CPC). California Fire Code (CFC 2019) and California Mechanical Code (CMC 2019) shall apply in addition to the requirements of the CBC.

b. Footage and grade level. Footage and grade level shall be provided per the plan drawings. The building shall be constructed at a level to provide the required footage and setting as indicated on the plan drawings. Buildings located on slopes of 10 degrees or more shall provide a foundation footing that is designed to resist lateral forces resulting from the slope.

c. Footings. Footings shall be poured in accordance with the California Building Code (CBC) and the California Plumbing Code (CPC). Footings shall be designed to support the live and dead loads imposed on the structure.

2. Load-bearing walls

a. Load-bearing walls. Load-bearing walls shall be constructed of concrete masonry units, wood, steel, or other suitable materials. Load-bearing walls shall be designed to resist the loads imposed on the structure.

b. Foundation. Foundation walls shall be constructed of concrete masonry units, wood, steel, or other suitable materials. Foundation walls shall be designed to resist the loads imposed on the structure.

3. Roof framing

a. Roof framing. Roof framing shall be constructed of truss-type open-web or perforated members. Roof framing shall be designed to support the loads imposed on the structure.

b. Pitch. Pitch shall be designed to ensure adequate drainage and prevent the accumulation of water on the roof.

4. Plumbing

a. Plumbing systems. Plumbing systems shall be designed to ensure the proper flow of water and prevent the accumulation of water.

b. Water heating systems. Water heating systems shall be designed to ensure the proper flow of water and prevent the accumulation of water.

5. Electrical

a. Electrical systems. Electrical systems shall be designed to ensure the proper flow of electricity and prevent the accumulation of electricity.

b. Grounding. Grounding shall be designed to ensure the proper flow of electricity and prevent the accumulation of electricity.


a. Mechanical ventilation. Mechanical ventilation shall be provided to ensure adequate airflow and prevent the accumulation of air.

b. Heating. Heating systems shall be designed to ensure the proper flow of heat and prevent the accumulation of heat.

7. Heat and air conditioning

a. Heating and air conditioning systems. Heating and air conditioning systems shall be designed to ensure the proper flow of heat and prevent the accumulation of heat.

b. Ductwork. Ductwork shall be designed to ensure the proper flow of heat and prevent the accumulation of heat.

8. Fire protection

a. Fire protection systems. Fire protection systems shall be designed to ensure the proper flow of fire and prevent the accumulation of fire.

b. Sprinkler systems. Sprinkler systems shall be designed to ensure the proper flow of fire and prevent the accumulation of fire.

B. Wood Framing (Continued)

5. Sheathing. Sheathing shall be installed on the exterior of the structure. Sheathing shall be designed to resist the loads imposed on the structure.

6. Interior partitions. Interior partitions shall be constructed of materials approved by the California Building Code (CBC) and the California Plumbing Code (CPC). Interior partitions shall be designed to resist the loads imposed on the structure.

7. Roof framing. Roof framing shall be constructed of truss-type open-web or perforated members. Roof framing shall be designed to support the loads imposed on the structure.

8. Green Building Standards Code (CALGreen) Requirements

a. Refer to the California Building Code (CBC) for green building standards.

b. Refer to the California Plumbing Code (CPC) for green building standards.

c. Refer to the California Fire Code (CFC) for green building standards.

d. Refer to the California Mechanical Code (CMC) for green building standards.

9. Energy Performance

a. Energy efficiency. Energy efficiency shall be designed to ensure the proper flow of energy and prevent the accumulation of energy.

b. Lighting. Lighting systems shall be designed to ensure the proper flow of light and prevent the accumulation of light.

C. Residential

1. General

a. Foundations and grade level. Foundations and grade level shall be provided per the plan drawings. The building shall be constructed at a level to provide the required footage and setting as indicated on the plan drawings. Buildings located on slopes of 10 degrees or more shall provide a foundation footing that is designed to resist lateral forces resulting from the slope.

b. Roof framing. Roof framing shall be constructed of truss-type open-web or perforated members. Roof framing shall be designed to support the loads imposed on the structure.

2. System summary

a. System summary. System summary shall be provided per the plan drawings. The building shall be constructed at a level to provide the required footage and setting as indicated on the plan drawings. Buildings located on slopes of 10 degrees or more shall provide a foundation footing that is designed to resist lateral forces resulting from the slope.

b. System summary. System summary shall be provided per the plan drawings. The building shall be constructed at a level to provide the required footage and setting as indicated on the plan drawings. Buildings located on slopes of 10 degrees or more shall provide a foundation footing that is designed to resist lateral forces resulting from the slope.