### Pervious Area Information

#### Pervious Surface Area Table

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<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Specific Use</th>
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#### Inverted Pervious Surface Area Table

<table>
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<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Specific Use</th>
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### Structural Elements

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
<th>Notes</th>
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### Construction Information

- **Sheet Index**
  - **Sheet Name**: SP-1
  - **Site Plan**: SP-1
  - **Electrical Plan**: SP-1
  - **Foundation Plan**: SP-1
  - **Residential Plan**: SP-1
  - **Roof Framing**: SP-1

### Pervious Area Information

- **Permeable Pavement Area**: 10,500 sq ft
- **Permeable Area**: 15,000 sq ft
- **Permeable Area Table**: 1,200 sq ft

### Impervious Area Information

- **Impervious Area**: 20,000 sq ft
- **Impervious Area Table**: 2,500 sq ft

### Design Basis

- **Exposure Category**: C
- **Risk Category**: II
- **Site Class**: D
- **Construction Type**: Residential
- **Foundation System**: Slab on Grade
- **STI (Sound Transmission Index)**: 60
- **STI (Sound Transmission Index) - Wall**: 50
- **STI (Sound Transmission Index) - Ceiling**: 55

### Energy Efficiency

- **Energy Efficiency HERS Verification**: Yes
  - **HERS Rating**: 65

### Additional Information

- **Permeable Pavement Area**: 10,500 sq ft
- **Permeable Area**: 15,000 sq ft
- **Permeable Area Table**: 1,200 sq ft

### Construction Notes

- **Construction Notes**: Permeable pavement shall not be installed on roof decks or balconies.
By using these standard plans, the user agrees to release the County of San Diego from any and all liability for injury or damage to persons or property, including injury or death, or economic losses, arising out of the use of these plans. The County of San Diego assumes no responsibility for any injury, damage, or loss to persons or property, including injury or death, or economic losses, arising or resulting from the use of these plans.

WALL LEGEND

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

1. ELEVATIONS

   a. MATERIAL MEETING SAME FIRE-RESISTIVE STANDARDS AS FINISHED GRADE
   b. APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD

2. FOLLOWING METHODS

   a. EXPOSED ELEMENTS SHALL COMPLY WITH THE FOLLOWING:
      i. DECK, BALCONY, AND EXTERIOR STAIR CONSTRUCTION, WITH ALL EXPOSED ELEMENTS SHALL COMPLY WITH THE FOLLOWING:
         i. MODIFIED HEAVY TIMBER (MIN 4X8 JOISTS, 4X10 OR 6X8 BEAMS, 6X6 POSTS)
         ii. 1-HOUR FIRE-RESISTANT-RATED MATERIAL
         iii. NON-COMBUSTIBLE MATERIAL
   b. APPROVED ALTERNATIVE DECKING MATERIAL MEETING TESTS REQUIREMENTS OF COUNTY BUILDING CODE 92.1.709A.1.4)

3. ARC WELDING IS PROHIBITED IN ATTICS OR OTHER VENTILATED PORTIONS OF THE FLAME INTRUSION TEST THERE SHALL BE NO FLAMING IGNITION DURING THE INTEGRITY TEST THERE SHALL BE NO FLAMING IGNITION OF THE COTTON MATERIAL

4. APPROVED BY THE BUILDING OFFICIAL.

5. SKYLIGHTS SHALL BE TEMPERED GLASS.

6. EXTERIOR WALL FINISH SHALL COMPLY WITH ONE OF THE FOLLOWING:
   a. EXTERIOR WALL FINISH SHALL COMPLY WITH ONE OF THE FOLLOWING:
      i. EXTERIOR WALL FINISH SHALL COMPLY WITH ONE OF THE FOLLOWING:
         i. APPROVED EXTERIOR FIRE-RETARDANT TREATED WOOD
         ii. APPROVED ALTERNATIVE DECKING MATERIAL MEETING TESTS REQUIREMENTS OF COUNTY BUILDING CODE 92.1.709A.1.4)
   b. APPROVED ALTERNATIVE DECKING MATERIAL MEETING TESTS REQUIREMENTS OF COUNTY BUILDING CODE 92.1.709A.1.4)

7. ELEVATION KEY NOTES

   a. EXTERIOR WALL FINISH: ______________ (SEE NOTE 7 BELOW)

8. 1000 SF ACCESSORY DWELLING UNIT

   a. BY USING THESE STANDARD PLANS, THE USER AGREES TO RELEASE THE COUNTY OF SAN DIEGO FROM ANY RESPONSIBILITY TO VERIFY ANY AND ALL INFORMATION.
By using these standard plans, the user agrees to release the County of San Diego from any responsibility to verify any and all information. The user also agrees to release the County of San Diego from any and all claims, liabilities, suits, and demands on account of any injury, damage, or loss to the property described herein or to any person coming upon the property described herein. The use of these plans does not eliminate or reduce the user’s responsibility to verify any and all information.
250 SF
DEDICATED SOLAR ZONE AREA (AREA A)

250 SF
DEDICATED SOLAR ZONE AREA (AREA B)

OUTLINE OF WALLS BELOW

GABLE END TRUSS ID:

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

By using these standard plans, the user agrees to release the County of San Diego from any and all claims, liabilities, suits, and demands on account of any injury, damage, or loss to persons or property, including injury or death, or economic losses, arising out of the use of these construction documents. The use of these plans does not eliminate or reduce the user's responsibility to verify any and all information.

SOLAR READY KEY NOTES

ROOF PLAN / TRUSS LAYOUT
1/4" = 1'-0"

ATTIC VENTILATION REQUIRED

NET FREE CROSS VENTILATION AREA = 480 sq ft
VENT AREA REQ'D = 1000 sq ft / 300 = 3.33 sq ft
2 x 144 = 480 sq in

GABLE END VENTS
QTY = 2 VENTS
VENT AREA PROVIDED = 2 x 115 sq in = 230 sq in

EAVE VENTS
QTY = 12 VENTS
VENT AREA PROVIDED = 10 x 36 sq in = 360 sq in

TOTAL VENT AREA PROVIDED
230 sq in + 360 sq in = 590 sq in > 480 sq ft

FOCEN (REV. 01/10/2020)
**CONC. SLAB AND FTG'S PER PLAN**

MIN 7' HORIZONTAL DISTANCE FROM EDGE OF FOOTING TO DAYLIGHT

**SECTION A-A**

**SECTION B-B**

**SECTION KEY NOTES**

1. WALL INSULATION: ________________________________
2. CEILING INSULATION: ____________________________
3. ROOF (TOP CHORD) INSULATION: _________________
4. INTERIOR FINISH:
   1. "GYPSUM BOARD"
   2. "TYP"
5. EXTERIOR WALL/PLUMBING WALL: 2X6 STUD WALL
6. INTERIOR WALL: 2X4 STUD WALL
7. RADIANT BARRIER IS REQUIRED
8. CLIMATE ZONE 14 PROJECT (Y or N) if yes, see below:
   - A CLASS I OR II VAPOR RETARDER SHALL BE INSTALLED ON THE CONDITIONED SPACE SIDE OF ALL INSULATION IN ALL EXTERIOR WALLS AND VENTED ATTICS
9. MANUFACTURED TRUSSES

For Eave Details see Sheet A6 "DETAIL 1"

By using these standard plans, the user agrees to release the County of San Diego from any and all claims, liabilities, suits, and demands on account of any injury, damage, or loss to persons or property, including injury or death, or economic losses, arising out of the use of these construction documents. The use of these plans does not eliminate or reduce the user's responsibility to verify any and all information.
**WOOD STRUCTURAL PANEL SHEATHING**

<table>
<thead>
<tr>
<th>MARK</th>
<th>MINIMUM NAIL SPACING</th>
<th>MINIMUM WOOD STRUCTURAL RATING</th>
<th>MINIMUM NOMINAL PANEL THICKNESS (IN)</th>
<th>MAXIMUM WALL STUD SPACING (IN)</th>
<th>PANEL NAIL SPACING</th>
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</thead>
<tbody>
<tr>
<td>6D COMMON</td>
<td>1.5</td>
<td>24</td>
<td>2</td>
<td>16</td>
<td>6</td>
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<tr>
<td>8D COMMON</td>
<td>1.75</td>
<td>24-16</td>
<td>2</td>
<td>16</td>
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Wood structural panels shall conform to DOC PS 1, DOC PS 2, or ANSI/ASCA A2019. CSA C175 or CSA C177. Panels shall be certified by a Grade 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 2-inch thickness.

**FOUNDATION PLAN NOTES**

1. Foundation walls shall be used on each sill plate and/or bulk.
2. For standard-of-construction placed between plate sheathing, wood sheathing shall be dimensionally milled with minimum shear stud spacing of 16 inches center to center minimum 1/2 inch thick.
3. Provide a minimum of two anchor bolts per sill plate with one bolt located between 90° and minimum 1/2 inch from each end of each section.
4. Bolt shall be located in the middle third of the sill plate width.
5. Fasteners for pressure-treated wood shall be hot-dipped, galvanized, stainless steel or copper.
6. No LPG piping assemblies allowed in or beneath slabs within the structure.

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NOTE: ROOF SHEATHING TO BE 2" APA RATED SHEATHING 24" AT 12" O/C EDGE NAILING AND 12" O/C FIELD NAILING

2X STANDARD TRUSSES AT 24" O/C

<table>
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<tr>
<th>MARK</th>
<th>MINIMUM NAIL</th>
<th>MINIMUM WOOD STRUCTURAL PANEL SPAN RATING</th>
<th>MINIMUM NOMINAL PANEL THICKNESS (in)</th>
<th>PANEL NAIL SPACING</th>
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<td>#D COMMON</td>
<td>1.5</td>
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<td>#D COMMON</td>
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WOOD STRUCTURAL PANEL SHEATHING:

WOOD STRUCTURAL PANELS SHALL CONFORM TO DOG PS 1 OR PS 2 OR ANSI/AIRA/FIP 210. CSA GST-5 OR CSA GST-2 PANELS SHALL BE IDENTIFIED BY A GRADE 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 1/2 INCH THICKNESS.

ROOF FRAMING PLAN

3/8" = 1'-0"
A. General

1. Foundations and Grade Fours

2. Exterior walls

3. Roof framing members and ceiling joists

4. In-slab heating

5. Brick masonry

6. Masonry veneer

7. Chimneys and fireplaces

8. Metal framing

9. Electrical systems

10. Mechanical systems

11. Plumbing

12. Gas piping

13. Solar panels

14. Radiant floor heating

15. Stairways

16. Windows

17. Doors

18. Exterior doors

19. Interior doors

20. Thermal insulation

21. Sound control

22. Finish materials

23. Storage and design

24. Green building

25. Public health

26. Safety

27. Acceptance

B. Wood Framing (Continued)

12. Structural steel.

13. Concrete structures.


15. Roof framing members and ceiling joists.

16. Floor framing.

17. Frame columns.

18. Shear walls.


20. Joists under bearing partitions.


22. Cripple walls.

23. Joists under bearing partitions.

24. Joists under non-bearing partitions.

25. Cripple walls.

C.Fasteners Schedule for Structural Members

1. Fastener schedule for structural members.

2. Structural members.

3. Fasteners.

4. Fasteners for prescriptive-

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