NOTE: Decks not more than 30 inches above grade and not over any basement or story below do not require a building permit.

This standard plan complies with fire-resistive construction requirements for Wildland-Urban Interface (WUI) areas

GENERAL REQUIREMENTS:

- No modification shall be made to these plans unless approval is obtained.
- Use of this standard plan is limited to single-family residential decks only.
- All work shall comply with the 2016 California Building Code as amended and adopted by the County of San Diego.
- This plan must be accompanied by a plot plan prepared in compliance with Plot Plan Minimum Requirements (PDS 090).
- Minimum Construction Specifications (PDS 081) shall be used in conjunction with this plan.
- Guards and Handrails (PDS 075) shall be used in conjunction with this plan.
- Live load = 40 psf
- No heavy concentrated loads (such as hot tubs, etc.) shall be applied on the deck.
- Where the deck will be supported by an existing building, there shall be no window, door, or other openings under the deck greater than 4 feet wide.
- Deck shall be strictly limited to a maximum post height of 10 feet.
- Deck shall not be supported by an overhang or cantilever.
- Framing members shall be Douglas Fir-Larch #2 or better.
- Deck joists within 18” of grade and girders within 12” of grade shall be preservative treated.
- Fasteners for preservative treated wood shall be of hot dipped zinc-coated galvanized steel, stainless steel, silicon bronze, or copper.
- The horizontal distance from the bottom leading edge of footings to daylight shall be 7’-0” minimum.
- Concrete mix for footings shall have a minimum compressive strength of $f'c = 2,500$ psi.
TYPICAL KNEE-BRACE
REQ'D @ 4 FT. AND HIGHER DECKS

ALTERNATE KNEE-BRACE
REQ'D @ 4 FT. AND HIGHER DECKS

TYPICAL POST FOOTING
ON UNDISTURBED FIRM SOIL

DECK STAIR SECTION

DECK STAIR FOOTING

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DECKING NOTES:
DECKING TO BE 2x APPROVED FIRE-RETARDANT TREATED LUMBER OR ALTERNATIVE DECKING MATERIAL MEETING COUNTY BUILDING CODE 92.1.709A.1.4

STAIR NOTES:
- TREAD NOSINGS FOR STAIRWAYS WITH SOLID RISERS (WHEN TREADS ARE LESS THAN 11") SHALL BE BETWEEN 0.75" AND 1.25"
- MINIMUM STAIR WIDTH SHALL BE 36"
- MINIMUM HEADROOM AT STAIRS SHALL BE 6'-8"
- MINIMUM LANDING DEPTH AT TOP AND BOTTOM OF STAIRS SHALL BE 36"
7 **TYPICAL GUARD**

- 4x4 Guard Posts
- 2x2 Intermediate Rails @ 5'-11" O.C.
- 42" Guard Rail
- 2x Top Rail
- 2x Bottom Rail
- Openings < 4"

8 **ALTERNATE GUARD WITHOUT BOTTOM RAIL**

- 42" High Guardrail
- MBL 4x8 Joists
- MBL 2x RIM JOIST W/ (4) 16d NAILS TO EACH JOIST
- (2) 1/2" BOLTS W/ 2"X2"X3/16" PLATE WASHERS
- MBL 3X Blocking

SEE DECKING NOTES