



County of San Diego, Planning & Development Services  
**RESIDENTIAL DECKS**  
**BUILDING DIVISION**

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

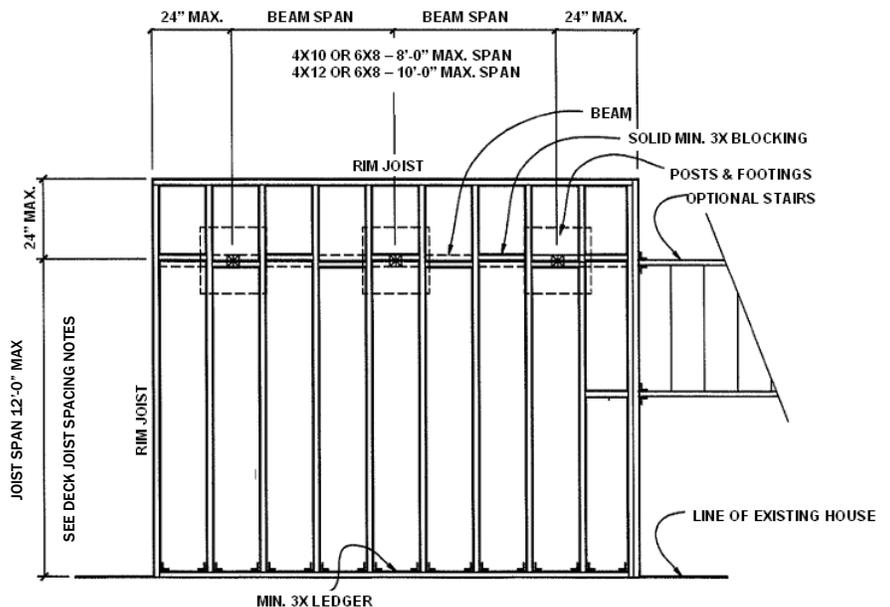
*This standard plan complies with fire-resistive construction requirements for Wildland-Urban Interface (WUI) areas*

**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.

**DECK JOIST SPACING NOTES**  
DECK JOIST SPACING SHALL COMPLY WITH EITHER OF THE FOLLOWING:

- WHERE 2x APPROVED FIRE-RETARDANT TREATED LUMBER DECKING IS PROPOSED: 32" o.c. MAX JOIST SPACING
- WHERE APPROVED ALTERNATIVE DECKING MEETING COUNTY BUILDING CODE 92.1.709A.1.4 IS PROPOSED: 16" o.c. MAX JOIST SPACING OR AS OTHERWISE ALLOWED BY PRODUCT LISTING REPORT

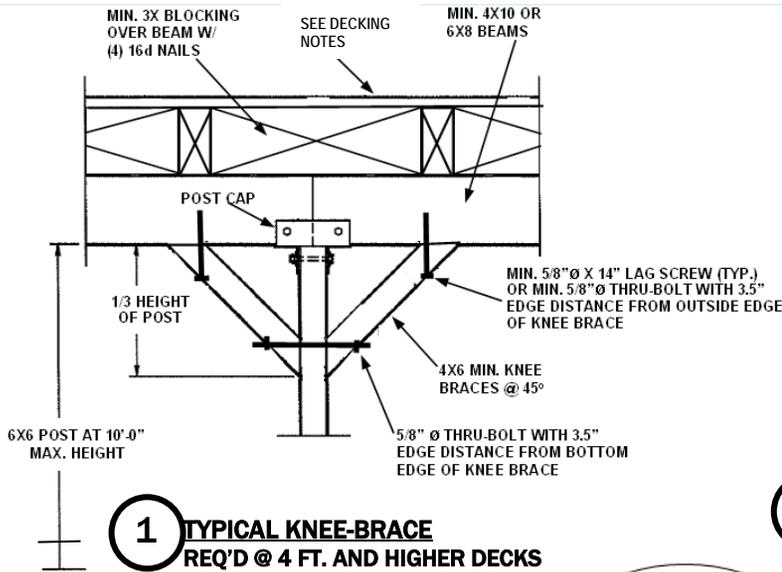


**DECK FRAMING PLAN**

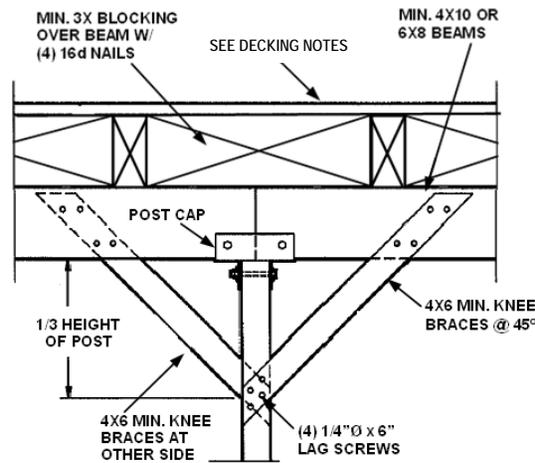
Not to Scale

5510 OVERLAND AVE, SUITE 110, SAN DIEGO, CA 92123 • (858) 565-5920 • (888) 336-7553

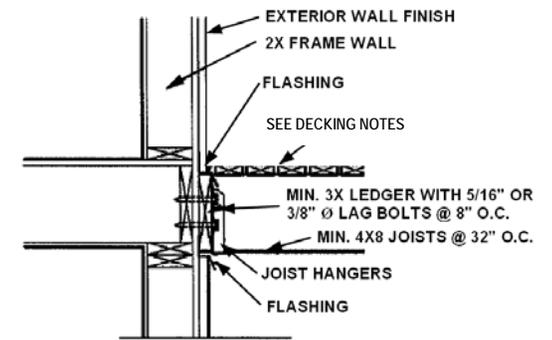
[HTTP://WWW.SDCPS.ORG](http://www.sdcps.org)



**1 TYPICAL KNEE-BRACE  
REQ'D @ 4 FT. AND HIGHER DECKS**



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

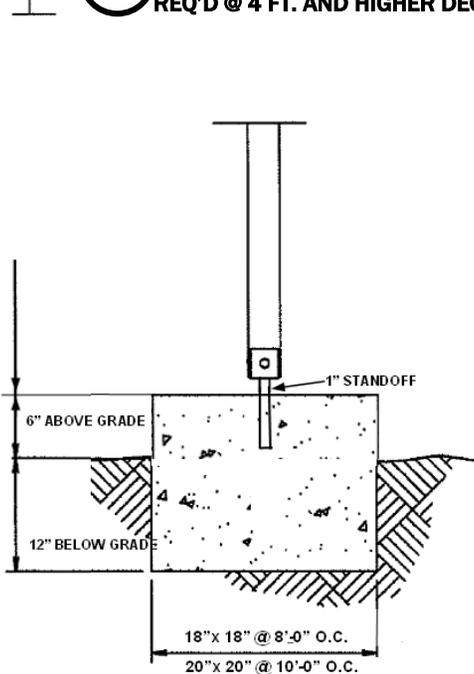


**3 LEDGER AT RIM JOIST**

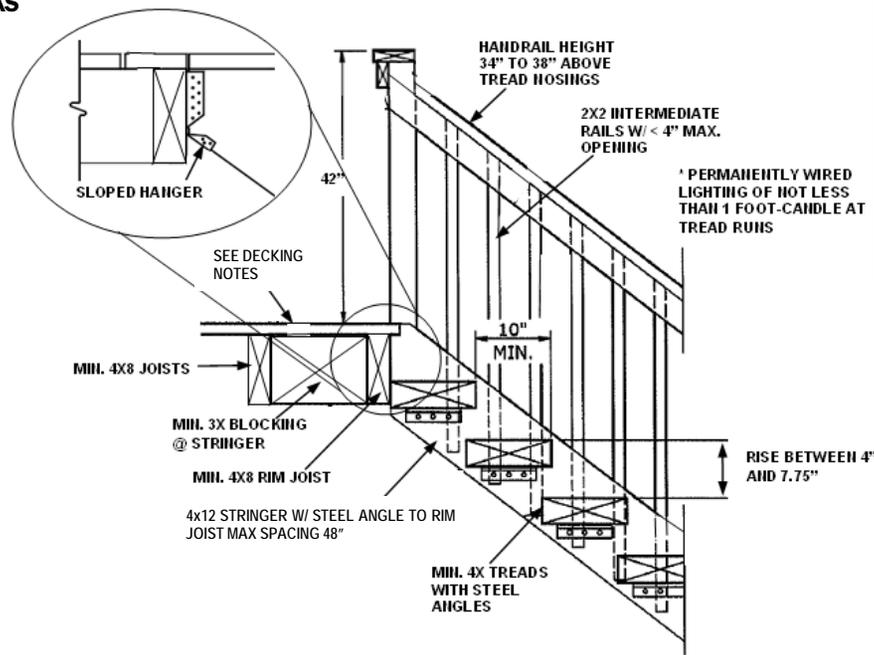
**DECKING NOTES:**  
DECKING TO BE 2x APPROVED FIRE-RETARDANT TREATED LUMBER or ALTERNATIVE DECKING MATERIAL MEETING COUNTY BUILDING CODE 92.1.709A.1.4

**STAIR NOTES:**

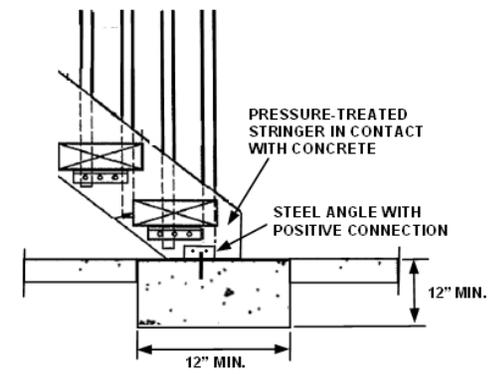
- TREAD NOSINGS FOR STAIRWAYS WITH SOLID RISERS (WHEN TREADS ARE LESS THAN 11") SHALL BE BETWEEN 0.75" AND 1.25"
- MINIMUM STAIR WIDTH SHALL BE 36"
- MINIMUM HEADROOM AT STAIRS SHALL BE 6'-8"
- MINIMUM LANDING DEPTH AT TOP AND BOTTOM OF STAIRS SHALL BE 36"



**4 TYPICAL POST FOOTING  
ON UNDISTURBED FIRM SOIL**



**5 DECK STAIR SECTION**



**6 DECK STAIR FOOTING**

