

DECK/PATIO/STAIR GUIDELINES

THIS PERMIT IS ISSUED BASED UPON THE UNDERSTANDING THAT IT IS APPROVED AS NOTED. REFER TO THIS OFFICIAL PERMIT DOCUMENTATION FOR PRELIMINARY CODE REFERENCES. THIS DOCUMENT IS NOT ALL ENCLUSVE. REFER TO THE APPLICABLE CODES.

FOOTINGS-Shall be a minimum of 12" wide and 42" deep, 6" exposed above earth.

<u>STAIRS</u> -Residential risers shall be a max. 7 ¾" height and minimum of 10" tread. Shall be connected to the structure, a wing wall and/or complete foundation > 4' deep. Stairs shall be consistent. Shall have a 3'x3' landing at the bottom of all stairs

<u>GUARDRAILS/HANDRAILS-Shall</u> be a minimum of 36" high. Required when the surface is greater than 30" off the ground. The spindles shall be spaced no greater than 4" apart and 6" at riser/tread to the bottom of guardrail/handrail. Handrails must be 1 ½ grip size continuous from top to bottom tread. The stair shall be a min. of 3' wide. A 3' x 3' landing is required at all exit doors. Headroom of 6'8"

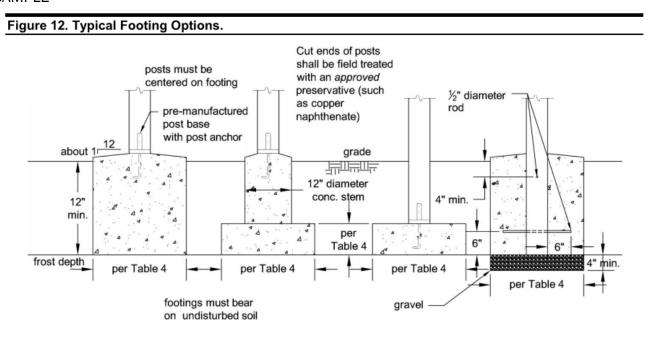
SLABS/SIDEWALKS/PATIOS/GARAGE FLOORS

Shall be a minimum of 5 inches on concrete. Shall slope away from structures. Foundations shall be exposed; 4" for masonry, 6" for wood framed structures. All grades shall not drain storm water to the neighboring properties. The grades/slabs shall not cause icing, algae or a nuisance on neighboring and/or Village of Oak Park property.

MECHANICAL/UTILITY/ELECTRIC-All mechanical devices (AC Units & Disconnects), utility meters (Gas and Electric) shall have clear working clearances (36' outward, 30' wide, and 6'6"height). Electric Services have a walking clearance of 10'. The stairs shall be illuminated.

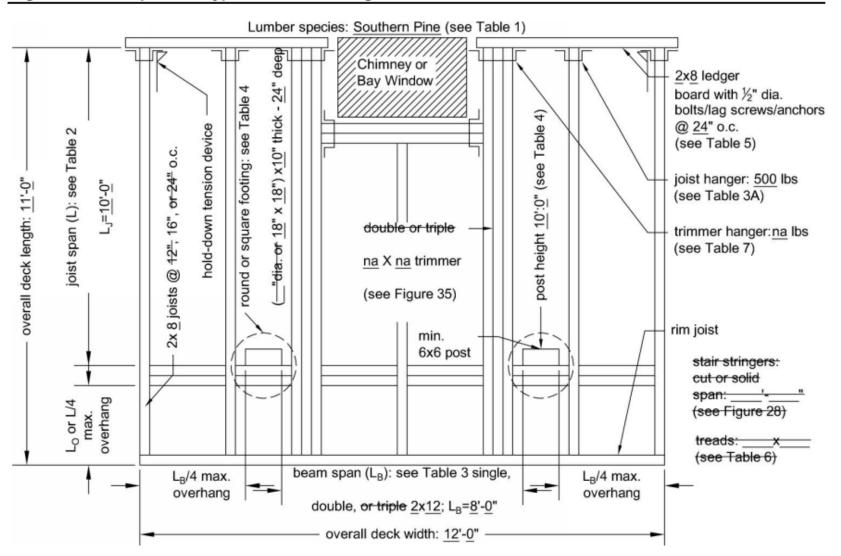
PLEASE PROVIDE THE FOLLOWING:

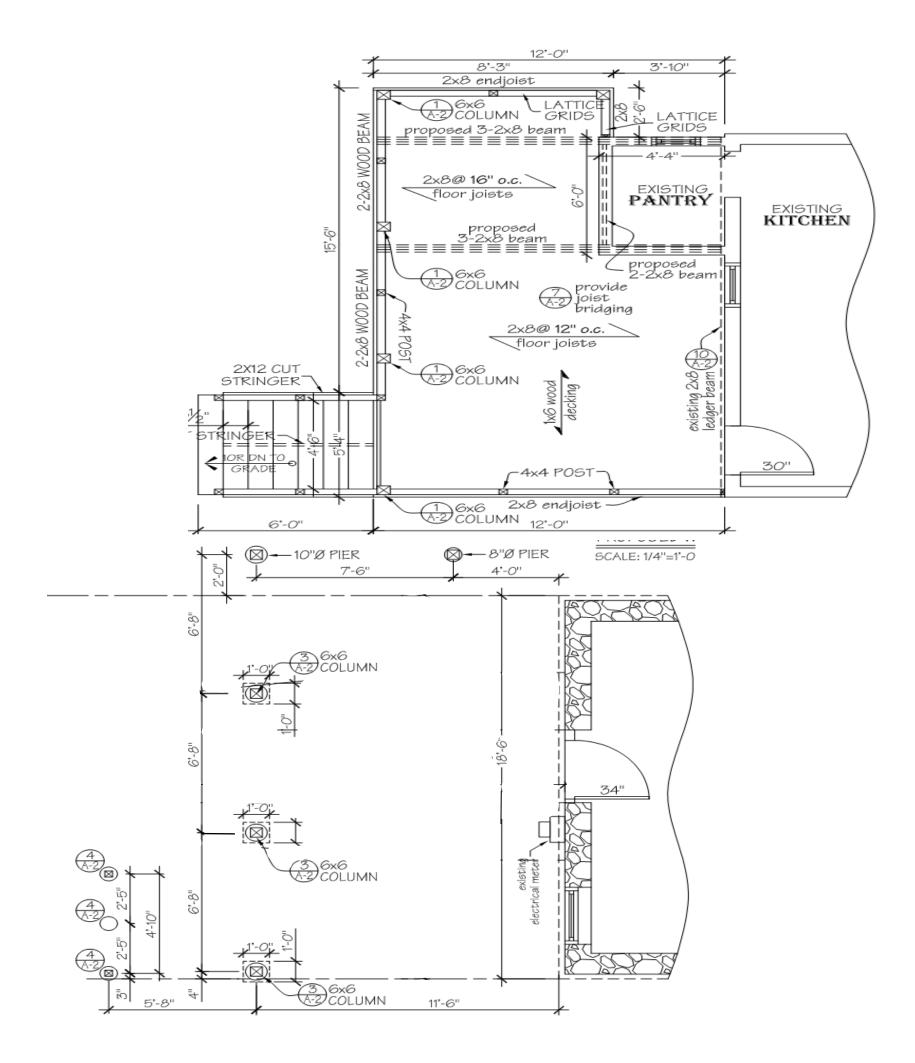
1. Please provide a footing detail. SAMPLE



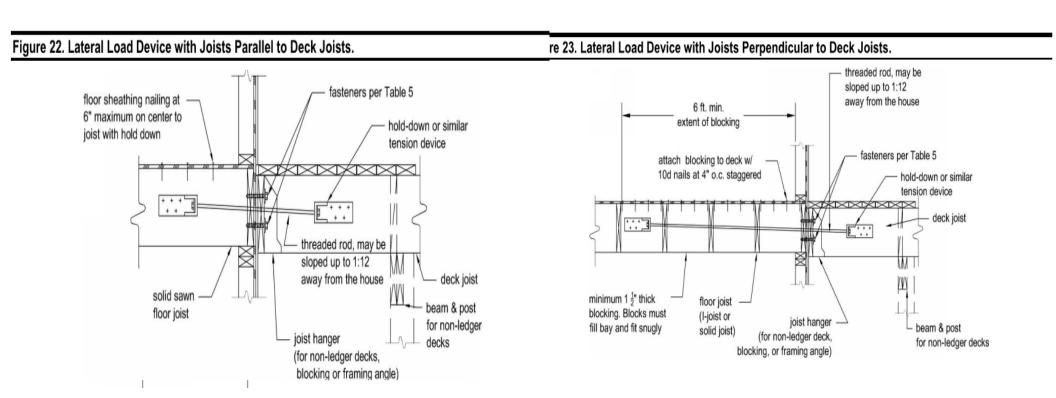
2. Please provide a detailed framing/foundation plan detail SAMPLE

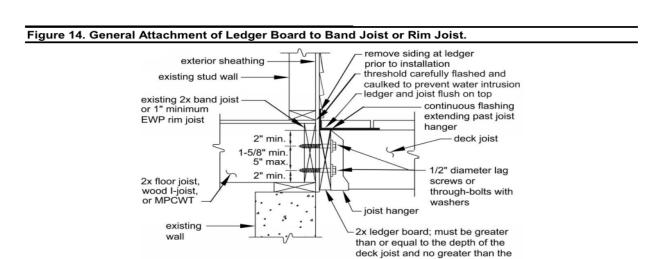
Figure C5. Example of a Typical Deck Framing Plan.



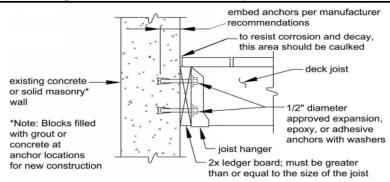


3. Please provide a detail on how the deck shall be fasten to the structure SAMPLE









4. Please provide a stair detail. GUARDRAIL -SEE CHART-D SIMPSON STRONG-TIE ANGLE A25 CONNECTORS EACH FACE OF 205 AT EACH POST EQUAL TREADS OPENING BETWEEN MINIMUM 10° EACH POS1 OPENINGS IN STAIR BALUSTERS SHALL GUARDS SHALL NOT PERMIT THE PASSAGE OF A BE LESS THAN 4" 2X2 BALUSTER BE 4.375°Ø SPHERE MINIMUM 4 x 4 POST SPACING DETERMINED BY GRASPABLE HANDRAILS FOR EACH FLIGHT OF STAIRS. R311.5.63. GUARDRAIL DESIGN BOTTOM RAIL Handralls, Handralls shall be provided on at least one side of each continuous run of treads or OPENINGS BENEATH NOTCHING OF POST SECTION IS NOT PERMITTED flight with four or more risers. Handrail height, measured vertically from the sloped plane adjoining GUARDRAIL WOOD BEAM -SEE FLOOR PLAN SHALL NOT PROPOSED 5/8" DIAMETER A307 HEX BÖLT WINLT & WASHER." PREDRILL 11/16" DIAMETER HOLES 0 PERMIT THE PASSAGE OF A SET POST the tread nosing, or finish surface of ramp slope, shall be not less than 34 inches and not more than BETWEEN DOUBLE RIM 6" Ø SPHERE GUARDRAIL PROPOSED 4x4 CONNECTOR SHALL NOT PERMIT THE PASSAGE OF A -4964 POST 4" Ø SPHERE 6 - GUARDRAIL DETAIL 7 - GUARDRAIL DETAIL -8 - GUARDRAIL ELEVATION NOTCHED 2X12 STRINGE NOT APPROVED MINIMUM 8 42" DEEP FOUNDATI GALE: 1/2"-7-0" 1 METAL JOIST HANGERS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS TO PROVIDE GRASPABLE HANDRAIL ON AT LEAST ONE SIDE OF STAIRS, MOUNTED ACHEVE FULL LOADING CAPACITY. ALL FASTENER HOLES SHALL BE FILED WITH FASTENERS SUPPLIED BY THE MANUFACTURER FOR THE PARTICULAR INSTALLATION.

MAXIMUM ALLOWABLE DECK HEIGHT USING THESE DETAILS IS 6 FEET ABOVE GRADE LEVEL. 34 TO 38 NOHES ABOVE NOSING.
ALL CONSTRUCTION MATERIAL INSTALLED WITHIN 3 FEET OF A SIDE
PROPERTY LINE SHALL BE NON-COMBUSTBLE. FIRE-RETARDANT TREATED
LUMBER OR TREATED WITH AN APPROVED INTUMESCENT COATING. 9 - RISER / TREAD DETAIL

depth of the house band or rim joist

5. Please provide a guard rail and handrail detail. **SAMPLE**

3 MAXIMUM ALLOWABLE TRIBUTARY AREA FOR A 6 FEET HIGH 4X4 POST SHALL BE 131 SQUARE

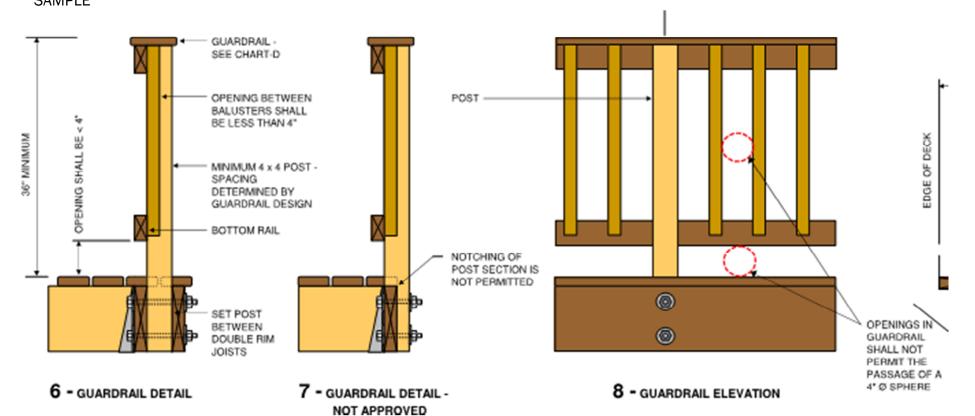
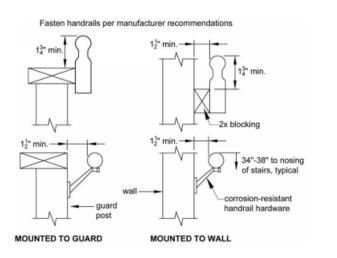
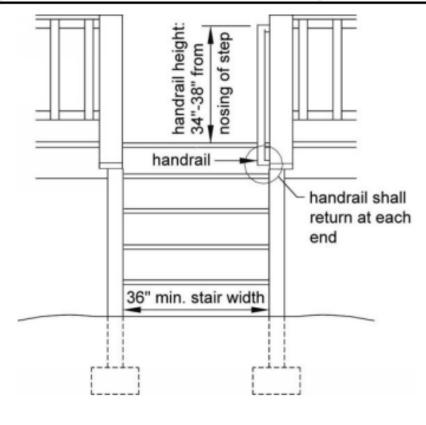


Figure 32A. Handrail Mounting Examples.

gure 33. Miscellaneous Stair Requirements.





6. Please provide a SITE PLAN to include all of the following:.

SAMPLE SITE PLAN

