

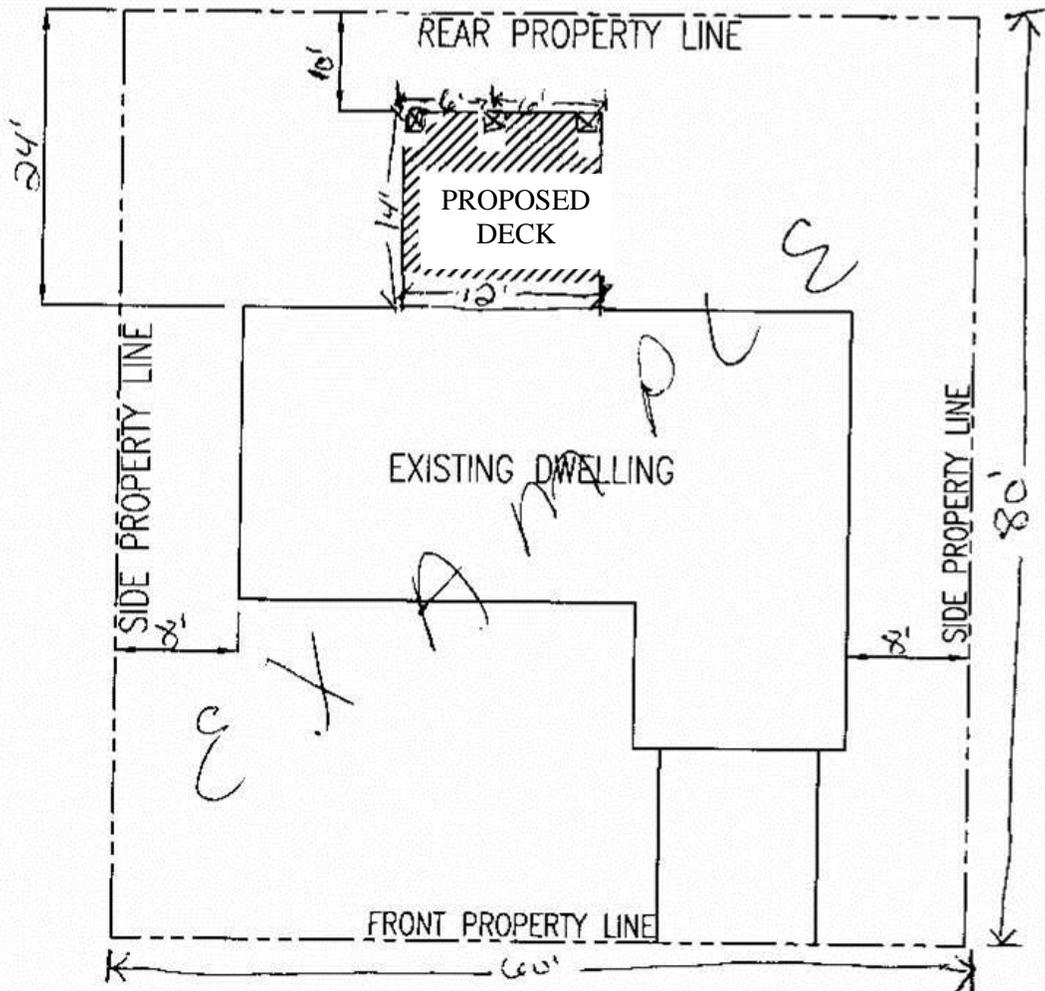


**CITY OF YUBA CITY**  
**COMMUNITY DEVELOPMENT DEPARTMENT**  
**BUILDING DIVISION**  
1201 CIVIC CENTER BLVD • YUBA CITY, CA 95993  
(530) 822-4629

**TYPICAL DECK PLANS**

**INSTRUCTIONS:**

- 1) A building permit for a deck may be obtained using these City standard drawings. Simply fill in the blanks and information requested on these plans.
- 2) Complete a Building Permit Application and present it with these plans to the Building Division.
- 3) Deviation from the construction and designs shown in these drawings will require a complete set of plans, details, and may need to be stamped by an engineer.
- 4) Along with these construction plans, provide a fully dimensioned plot plan for the property showing the location of the proposed deck noting its size and distance to property lines. If the deck is to have stairs, show the location of the stairs on the plot plan. Show any other structures on the property such as pools, retaining walls, or accessory buildings and dimension these items from the deck.



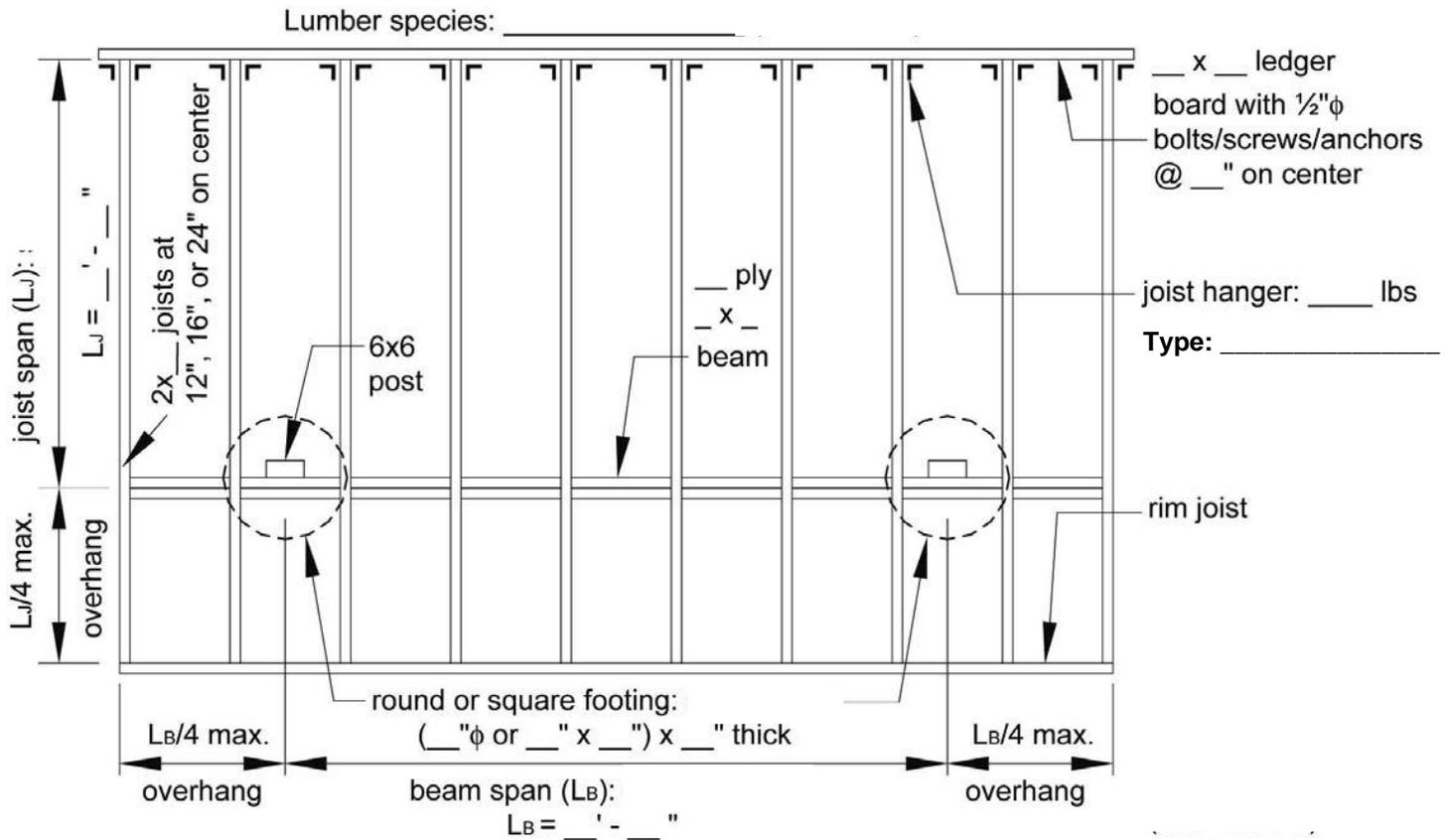
Property Owner: \_\_\_\_\_ Contact Phone: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

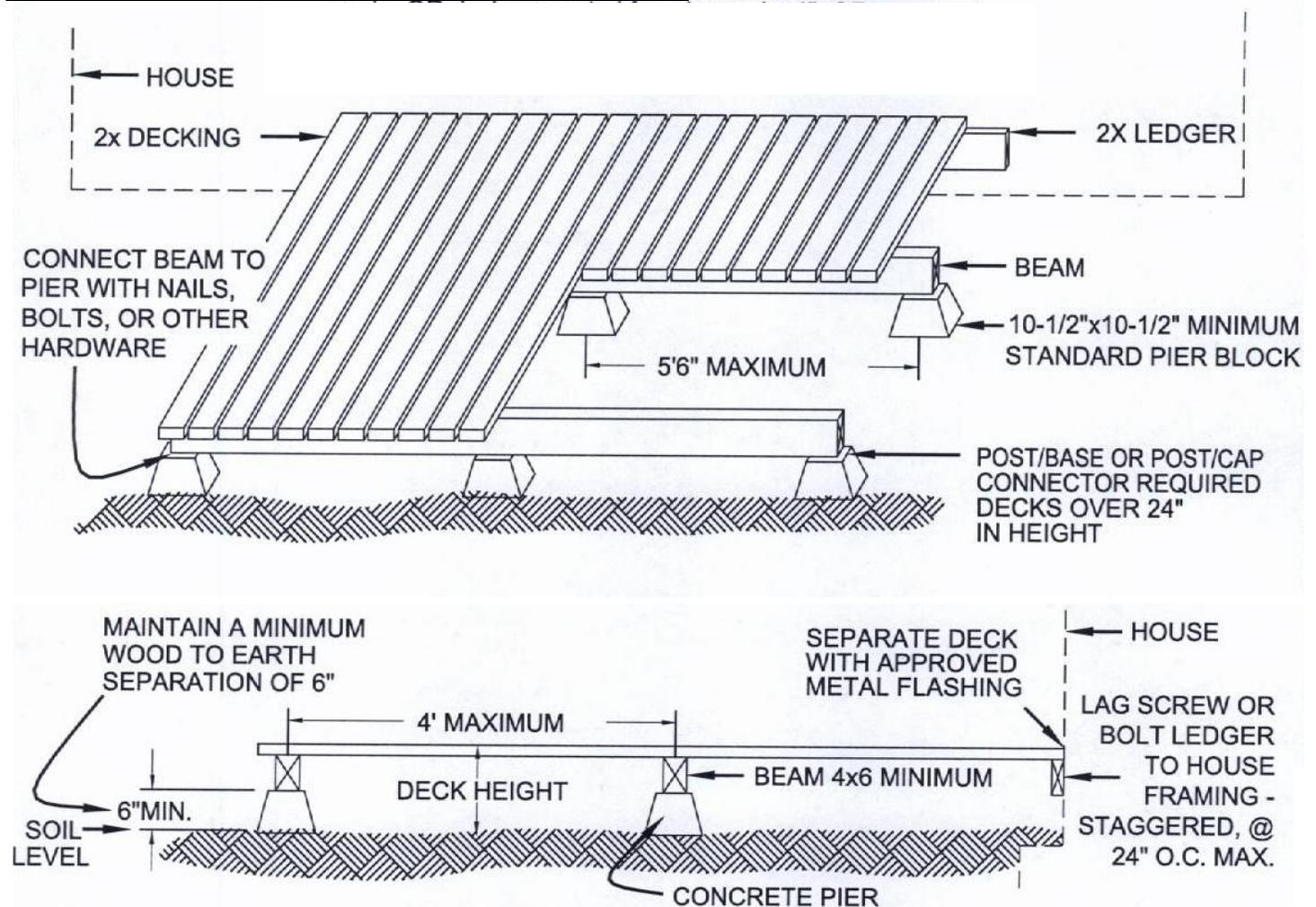
Project Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

# Typical Wood Deck Construction

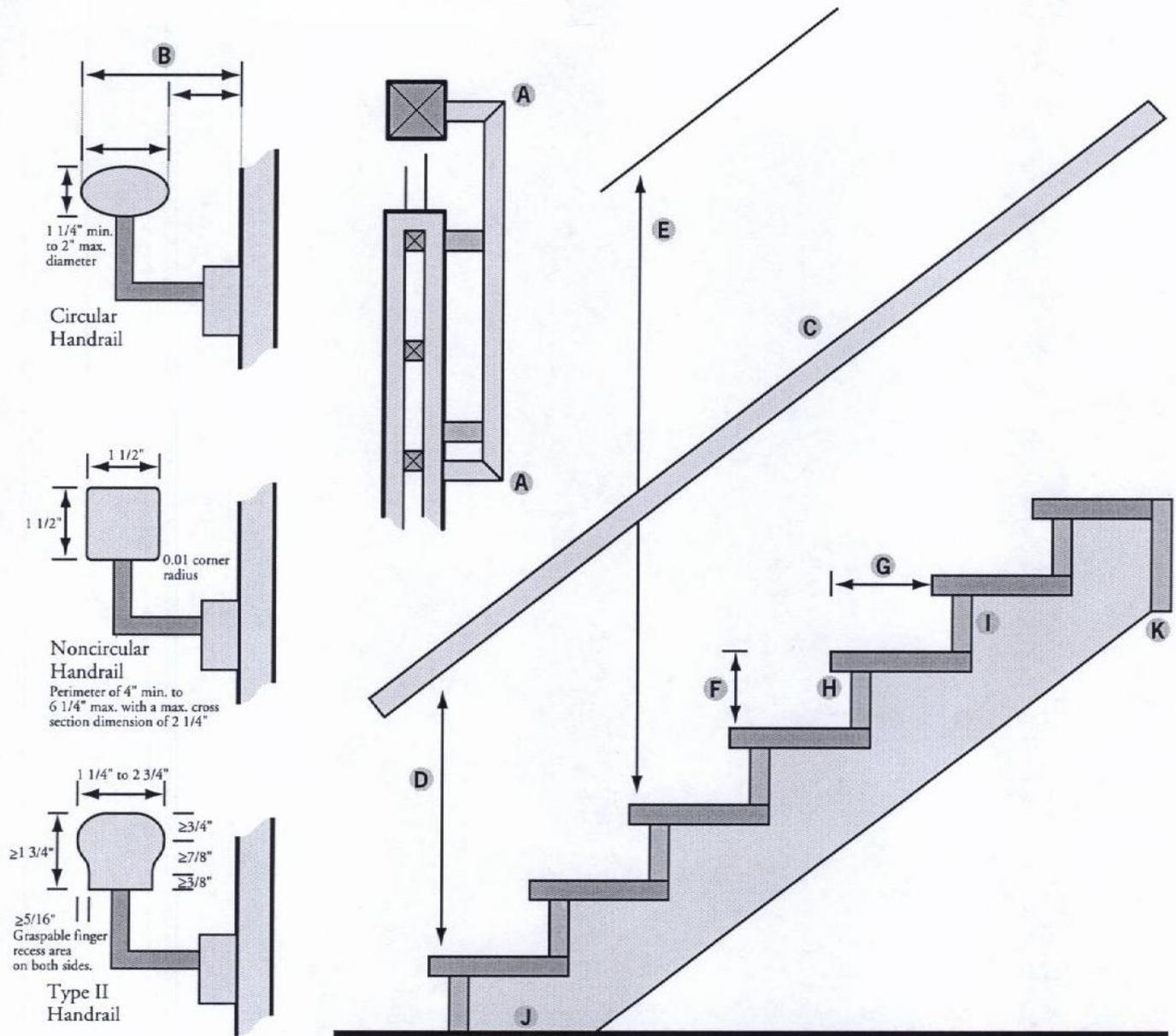
## DECK FRAMING PLAN:



## BASIC PARTS OF A SIMPLE LOW-HEIGHT DECK:



## EXAMPLE - RESIDENTIAL STAIRWAY & HANDRAIL



### HANDRAIL GUIDELINES

- A. Handrail ends shall be returned to walls or newel posts.
- B. Outside projection shall be 4 1/2 inches maximum; inside projection 1 1/2 inches minimum.
- C. Handrails shall be continuous the full length of the stairs with 4 or more risers on at least one side of the stairway.
- D. Handrails shall be placed not less than 34 inches or more than 38 inches above the nosing of the treads.

### STAIRWAY GUIDELINES

- E. Headroom in all parts of the stairway shall not be less than 6 feet 8 inches measured vertically from the sloped plan adjoining the tread nosing or from the floor surface of the landing or platform.
- F. Riser shall be a minimum of 4 inches to maximum of 8 1/4 inches.
- G. Tread shall be a minimum of 9 inches not including 3/4" minimum nosing.
- H. Nosings of 3/4 inches minimum to 1 1/4 inch maximum is required on stairways with solid risers and treads less than 11 inches.
- I. Stairways with a total rise of more than 30 inches may have open risers provided the opening is less than 4 inches.
- J. Provide support base for stringer at grade.
- K. Use approved hangers or full ledger attachment.

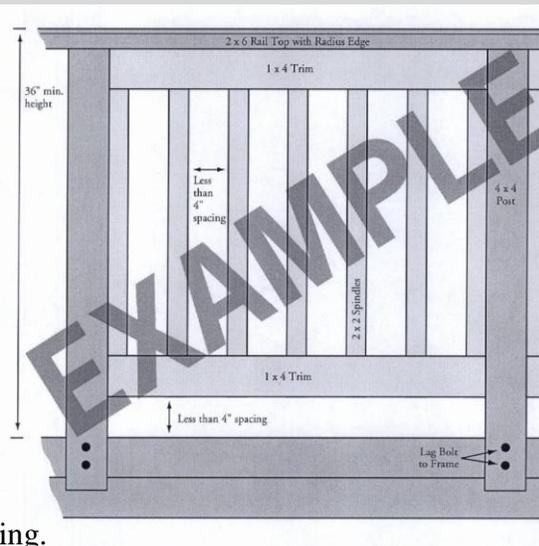
Enclosed accessible space under stairs shall have walls, under stairs surface, and any soffits protected on the enclosed side with 1/2" gypsum board.

## EXAMPLE – TYPICAL SPINDLE RAIL GUARD DETAIL

Guards are required for decks elevated above 30 inches from the established grade.

Deck elevation from grade: \_\_\_\_\_

If elevation is greater than 30", provide a separate detail for guard rail, stairs and handrail.



### GENERAL INFORMATION:

1. Decks are platform structures with no roof covering.
2. Decks shall be used for recreational, outdoor living purposes.
3. Decks must be accessory to a single-family dwelling or individual dwelling unit in a multiple-dwelling building.
4. No permit is required for wood decks 30" or less above grade and not associated with an exit from the dwelling.
5. Decks should be lowered from threshold of exterior doors a minimum of 2 inches to prevent water intrusion, unless the door threshold is equipped with a flashing detail.
6. Guards (guardrails) are required for decks elevated above 30 inches from the established grade. Spacing of balusters shall not allow the passage of a sphere 4" in diameter. Provide detail with plan submittal.
7. Stairs with four (4) or more rises require hand railing complying with grasp ability code provisions. Handrail ends shall terminate at a post or be returned to a wall or post. Provide stair and hand rail detail with submittal.

### MATERIALS:

1. WOOD shall be grade marked Douglas Fir Larch No. 2 or better.
2. All exposed lumber shall be naturally resistive to decay such as redwood, or chemically treated wood.
3. FRAMING HARDWARE shall be ICC approved for the intended use and installed per manufacturers' specifications using all recommended fasteners.
4. All exposed fasteners such as nails, screws, joist hangers, bolts as well as flashing shall be corrosion resistant and compatible with direct contact of pressure treated wood.

### REQUIRED INSPECTIONS:

1. FIRST INSPECTION shall be after excavation for the footings (before any concrete is poured) and verification of the solid wood backing for the ledger bolting.
2. SECOND INSPECTION shall be the framing inspection when all structural framing has been completed before decking has been installed.
3. THIRD INSPECTION will be the final inspection after the decking has been installed and deck is complete including all stairs, hand rails and/or guards (guardrails).

### PLEASE READ AND SIGN:

The owner and/or contractor, as applicant for this permit, has read and understands the information on this page and agrees to construct the proposed deck as shown on these plans.

Plans completed by  Owner/Builder  Contractor

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_