

651-429-4750



CHECKLIST FOR DECK PLANS

Site Plan

- ☐ Street address and/or legal description shown
- ☐ North arrow shown
- ☐ Plan drawn to useable scale and scale used shown
- ☐ Size of existing buildings shown
- ☐ All lot dimensions and pin locations shown
- ☐ Location and size of proposed deck shown
- ☐ Distance to all lot lines from existing buildings and proposed deck

Construction Plans

- ☐ Plans drawn to useable scale
- ☐ Scale indicated on plan
- ☐ Plan neat and legible

Elevation (This could be illustrated on section drawings)

- ☐ Show side and front view of deck in relation to grade and dwelling
- ☐ Include railing height and design

Framing Plan

- ☐ Floor joist size and spacing including species and grade
- ☐ Orientation of floor joists
- ☐ Cantilever of joists
- ☐ Bearing points for all joists
- ☐ Size and location of all beams including species and grade
- ☐ Cantilever of beams
- ☐ Size and location of ledger board including species and grade
- ☐ Size and location of all columns including species and grade
- ☐ Track all floor loads thru beams to columns to footings
- ☐ Location of stairs
- ☐ Changes in elevation of deck floors or landings
- ☐ Unusual framing issues such as cantilevers of the dwelling floor

Ledger Details

- ☐ Framing method and orientation of existing dwelling floor framing.
- ☐ Method of meeting lateral load connection requirements
- ☐ Spacing, location, and type of bolts or lags used to attach ledger.

Footings (This information may be included on section or framing plans)

- ☐ Footing depth and design
- ☐ Footing width at base consistent with load for each footing location.

Section(s)

- ☐ Section view(s) from bottom of footing to top of guard to show railing details; floor framing orientation; joist/beam orientation and bearing; column locations; connections; footing design, size, and depth; and height of deck floor above grade.

Details

- ☐ Flashing at the ledger
- ☐ Joist bearing/hangers
- ☐ Ledger connection (Caution for dwelling floor cantilevers)
- ☐ Fasteners/connectors consistent with lumber and decking used
- ☐ Column/beam connection
- ☐ Column/footing connection
- ☐ Type of decking and orientation (Caution for 5/4 or composite decking for spans more than 16" o.c. or installed diagonally)
- ☐ Research report required for decking other than wood
- ☐ Stair stringer connection
- ☐ Lateral bracing

Stairs

- ☐ Width of stairs
- ☐ Rise/run w/tolerance shown
- ☐ Number and size of stringers
- ☐ Open riser design
- ☐ Type and size of tread consistent with stringer spacing (Caution for decking use)
- ☐ Connection method for treads to stringers
- ☐ Handrails shown for stairs with 4 or more risers
- ☐ Handrail height shown on plan
- ☐ Handrail profile detailed
- ☐ Landing at bottom of stair
- ☐ Show any doors or windows adjacent stairs and landings.

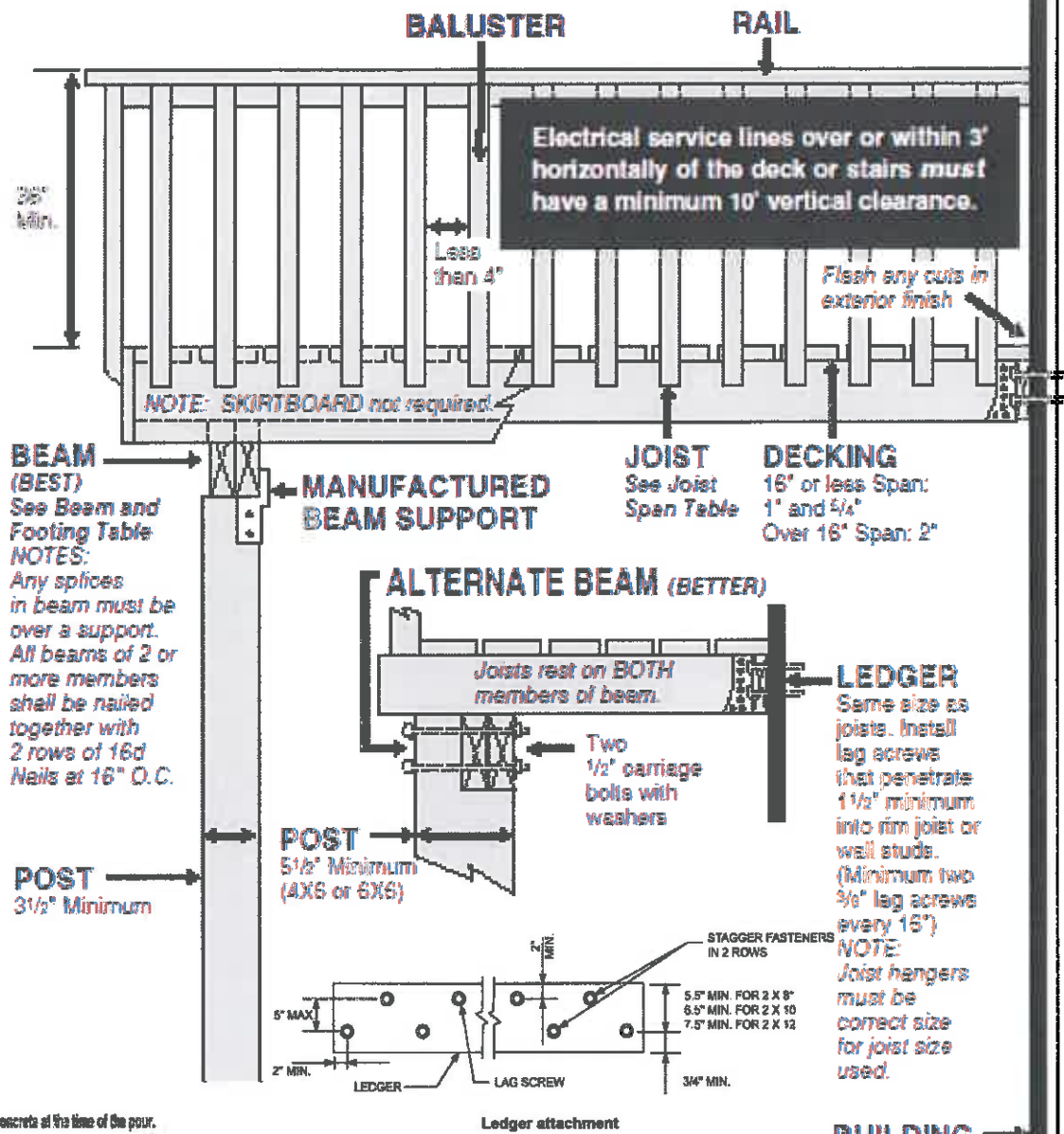
Guards

- ☐ Guard height and opening dimensions
- ☐ Guard design/materials
- ☐ Guard attachment

Date: _____

Job Address: _____

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CAST-IN-PLACE

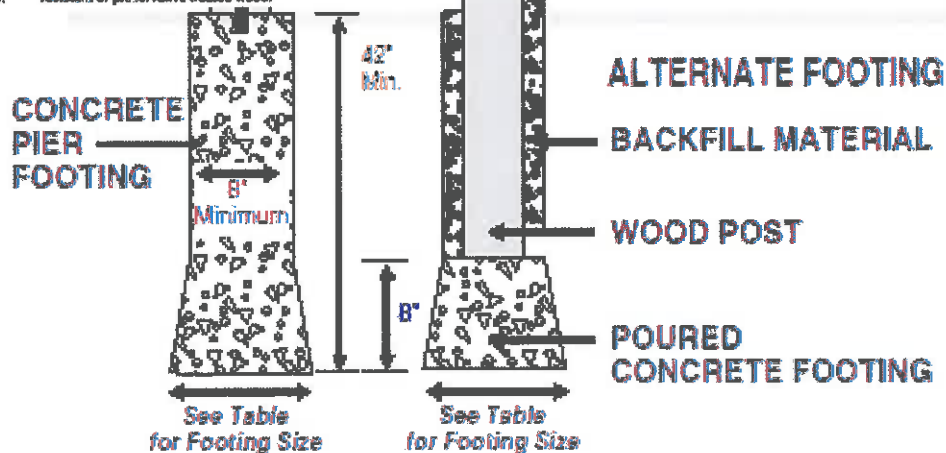
These products are cast into the concrete at the time of the pour.



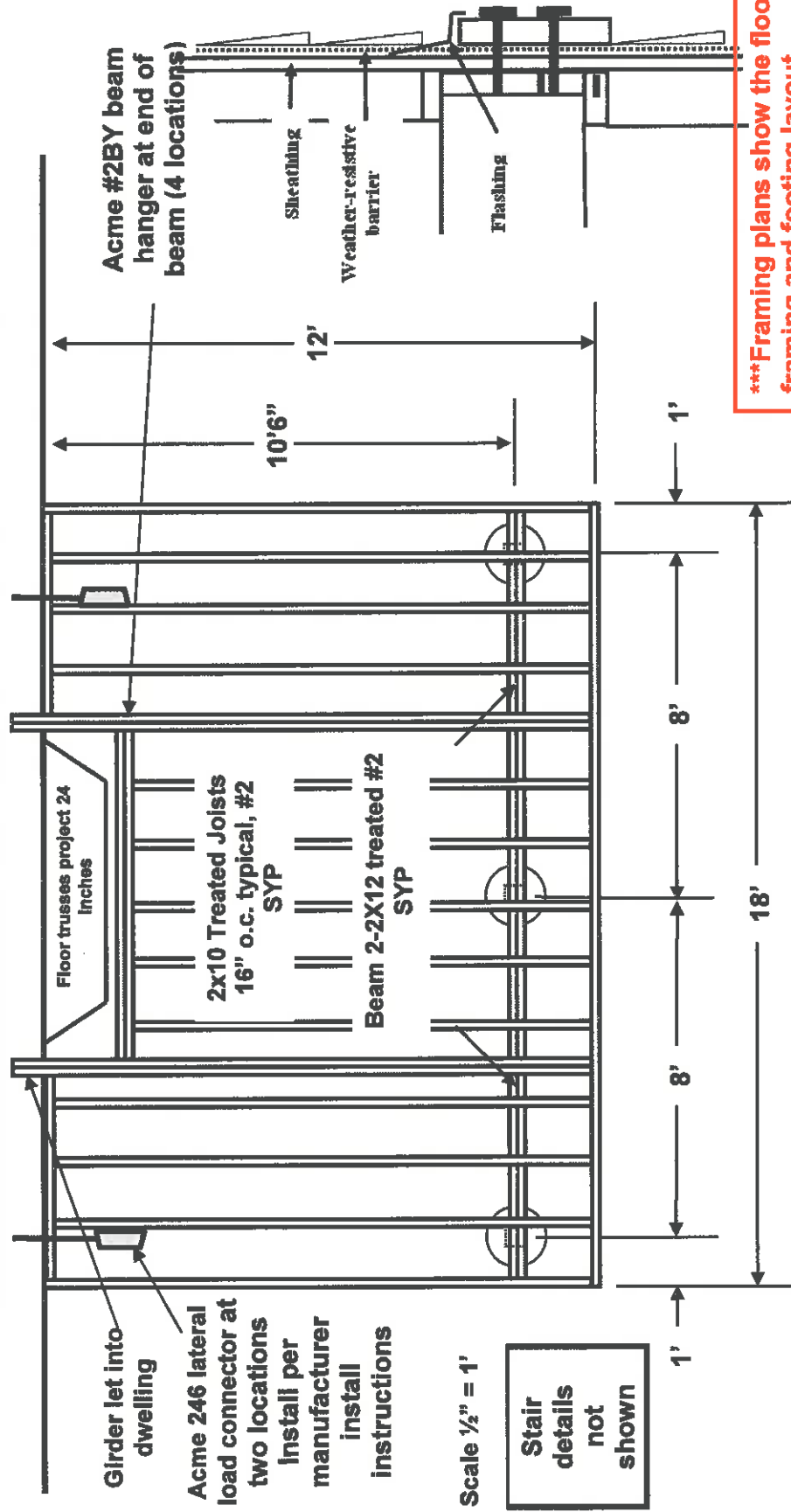
Post Base w/ Standoff:
Features a 1" standoff.



Post Base: For use with decay resistant or preservative treated wood.



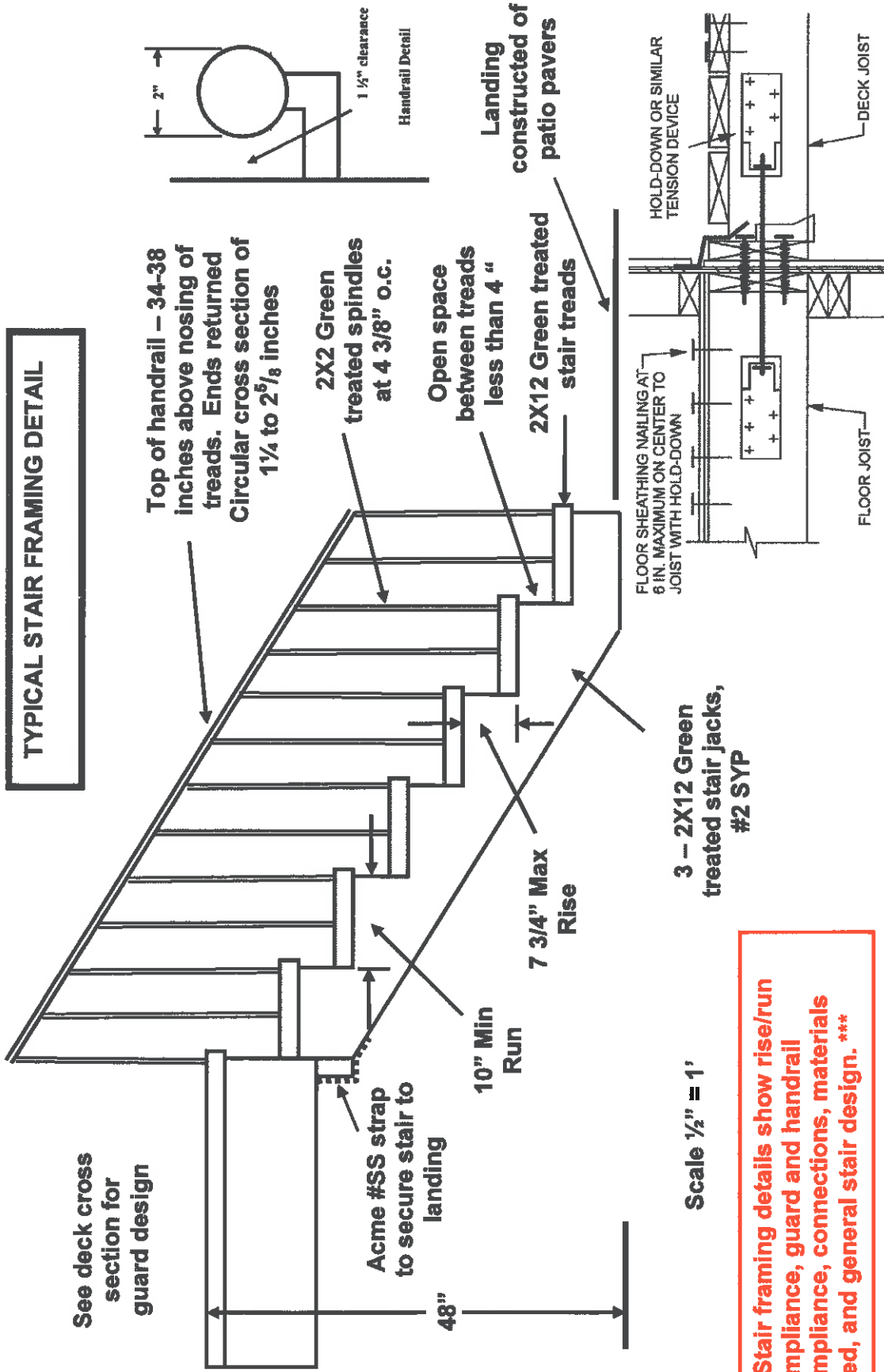
TYPICAL DECK FLOOR FRAMING PLAN, BEAM LOCATION, AND FOOTING LAYOUT



***Framing plans show the floor framing and footing layout, enable checks on spans and sizing of beams and joists, validation of footing sizes, and the ledger design. ***

Note about House cantilevers: Occasionally home designs include a cantilever of the floor system at the patio door. Decks may not be attached to the cantilevered joists unless the house floor framing is engineered for the deck loads.

WARNING: THIS IS AN ILLUSTRATION ONLY. IT IS INTENDED TO SHOW SOME OF THE INFORMATION THAT SHOULD BE INCLUDED ON YOUR DECK PLANS. IT IS NOT INTENDED TO SHOW COMPLIANCE WITH ANY CODES THAT MAY APPLY. CHANGES IN THE HEIGHT AND SIZE OF A DECK WILL CAUSE VARIATIONS IN CODE REQUIREMENTS.



***Stair framing details show rise/run compliance, guard and handrail compliance, connections, materials used, and general stair design. ***

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