TYPICAL DECK CROSS SECTION 5/4" OR 2 X **Existing Building** Decking (example $\sqrt{5/4}$ " OR 2 X 6) 2 X Joists spaced on center (see joist table). Span _ (example: 12'-6") 36" Species . and Grade of wood # For decks 30" above grade, (example: SPF #2) a minimum 36" high guardrail Flashing. with balusters or intermediate rails spaced so that a 4" sphere cannot pass through is required. Attach decking to joists with non-corrosive 16d nails or 3" deck screws. (2) - 2XBeam Joined together with (3) non Galvanized metal joist hangers sized to joists used. corrosive 16d nails or 3 deck screws every 16"on center (see deck beam table). Continuous ledger, lag bolted to existing building with Highest point of deck floor above double 1/2" lag bolts spaced 16" apart on center. grade ____ __ (ft. / In.) Locate bolts a minimum 2" from top and bottom edges (example 6'-8") 6'-08" Minimum and penetrate a minimum of 1-1/2" into framing. (See Note) 4 X 4 posts spaced _ ft. O.C. Species and Grade of wood # NOTE: If an exit from the existing building passes under the proposed deck, Pier height above or if there is an existing patio under the proposed deck, a minimum grade: If less than Minimum 1" headroom clearance of not less than 6'-8" shall be maintained under 6", posts must be clearance. the lowest point of any beams or joists. Galvanized metal minimum 4 X 4 from pier. post anchor / base. .40 psf CCA pressure treated or other decay Post anchor embedded resistant wood minimum 7" into concrete. and/or material. (i.e.) steel posts. 6" Minimum. (Grade) Pier diam. min. 12" Pier depth min. 42" (PIER) below grade. THIS DIAGRAM IS FOR REFERENCE ONLY. DIAGRAM IS NOT TO SCALE.

Ref: IRC 2003. Rev: Sept. 01, 2006 (JM)