

DECK SPECIFICATIONS

Submit - 2 copies of plot plan (survey) showing location of deck.

Submit - 2 copies of deck plans, indicate size and location of framing members, footings and stairs.

Footings - Must be minimum of 42" below grade with a minimum base of 12" diameter.

Columns – 4 x 4" to maximum 8' height to girder.
6 x 6" over 8' height to girder.

Girders - (2) 2x8" minimum (this will depend on spans). 2'-0" maximum overhang of joists past girder. If deck is fastened to a house overhang (as is in drawing page 3), the maximum distance allowed from house overhang to the girder is 10'-0". If the span exceeds 10', another girder must be installed to support the house end of deck. Splicing of girder members must be over columns and no more than one splice joint allowed over any column.

Joists - 2 x 6" minimum. Joist hangers are to support each joist which shall be fastened to a ledger board secured to the house every 32" with 1/2" x 5" lag bolts and washers.

Decking- Specify type of decking used 5/4 x 6" – 2 x 6" etc.

Bracing - Diagonal bracing must be installed to underside of joists, from ledger board to outside deck girder (drawing page 2). Brace is not required if decking is laid on diagonal.

Railings - Must be installed if deck is 30" above grade. Railings must be at least 36" high and spaced not more than 4" between spindles.
(*NYS Handrail guidelines R311.5.6, R3115.6.1, R3115.6.2, R311.5.6.3*)

Stairs - Stringers shall be minimum of 2x10".
Treads shall be a minimum of 9".
Risers shall be not more than 8 1/2".
Width not less than 2'-8" between railings.
Handrails must be provided if more than 3 risers and must be provided.
On all open sides. Open back of stairs may not exceed a 4" space.
the triangle formed by the step/riser shall not allow a 6" sphere to pass through.

(Deck Specifications Continued)

Maximum Joist Spans Permitted

<u>Size</u>	<u>16" o.c.</u>	<u>24" o.c.</u>
2 x 6	8' - 6"	7' - 6"
1 x 8	11' - 3"*	9' - 6"*
2 x 10	14' - 0"*	12' - 0"*
2 x 12	18' - 5"**	14' - 9"**

(1/2" x 5" lag bolts with washers)

- * Requires a row of bridging
- ** Requires two rows of bridging

Inspections Required

Footings - After holes are dug and prior to pouring concrete.

Framing - After all framing is complete and fasteners attached.