



TOWN OF HOLLIS

Building Department

7 Monument Square, Hollis, NH 03049

Tel: (603) 465-2209 ext. 501

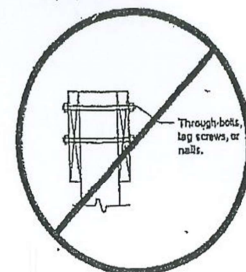
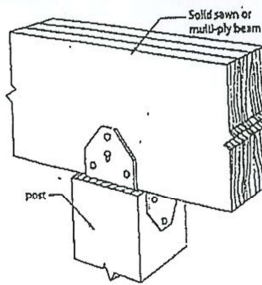
DECK REQUIREMENTS - 2018 INTERNATIONAL RESIDENTIAL CODE

DECK LEDGER CONNECTION TO RIM JOIST							
JOIST SPAN							
	6' and less	6'1" - 8'	8'1" - 10'	10'1" - 12'	12'1" - 14'	14'1" - 16'	16'1" - 18'
On-center spacing of fasteners							
½" diameter lag screw	30"	23"	18"	15"	13"	11"	10"

Lag bolts must be located 2" from the ends and top of the ledger and ¾" from the bottom of the ledger. The space between the row of lag bolts can range from 1 5/8" and 5".

DECK SUPPORT POSTS	
Deck Post Size	Maximum Height
4 X 4	6'-9"
4 X 6	8'
6 X 6	14'

BEAM SIZE							
Species		Joist Length (feet)					
		6'	8'	10'	12'	14'	16'
		Post Spacing					
Southern Pine	2 - 2 X 6	6'-11"	5'-11"	5'-4"	4'-10"	4'-6"	4'-3"
	2 - 2 X 8	8'-9"	7'-7"	6'-9"	6'-2"	5'-9"	5'-4"
	2 - 2 X 10	10'-4"	9'-0"	8'-0"	7'-4"	6'-9"	6'-4"
	2 - 2 X 12	12'-2"	10'-7"	9'-5"	8'-7"	8'-0"	7'-6"
	3 - 2 X 6	8'-2"	7'-5"	6'-8"	6'-1"	5'-8"	5'-3"
	3 - 2 X 8	10'-10"	9'-6"	8'-6"	7'-9"	7'-2"	6'-8"
	3 - 2 X 10	13'-0"	11'-3"	10'-0"	9'-2"	8'-6"	7'-11"
	3 - 2 X 12	15'-3"	13'-3"	11'-10"	10'-9"	10'-0"	9'-4"



FLOOR JOIST SPAN							
Species	Size	Floor Joist Spacing			Max Allowable Overhang - 1/4 of the Span or as Listed Below (Blocking at the Beam Required)*		
		12"	16"	24"	12"	16"	24"
Southern Pine	2 X 6	9'-11"	9'-0"	7' - 7"	1'-3"	1'-4"	1'-6"
	2 X 8	13'-1"	11'-10"	9'-8"	2'-1"	2'-3"	2'-5"
	2 X 10	16'-2"	14'-0"	11'-5"	3'-4"	3'-6"	2'-10"
	2 X 12	18'-0"	16'-6"	13'-6"	4'-6"	4'-2"	3'-4"
*Deck joist are permitted to cantilever not greater than 1/4 of the actual adjacent joist span							

DECKING and STAIR TREADS		
Wood decking	Nominal 1 1/4" thickness	Joist spacing 16" oc
Wood Stair Treads		Stringer spacing 18" oc
Composite deck – following manufacturing installation instructions		

