

TABLE R602.3(1)—continued FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER <sup>b,c,d,e</sup>	SPACING OF FASTENERS	
		Edges (inches)i	Intermediate supports <sup>c,e</sup> (inches
Other wall sheathingh		48.5	
<sup>1</sup> / <sub>2</sub> " regular cellulosic fiberboardsheathing	1 <sup>1</sup> / <sub>2</sub> galvanized roofing nail 6d common nail staple 16 ga., 1 <sup>1</sup> / <sub>2</sub> long	3	6
1/2 structural cellulosic fiberboard sheathing	1 <sup>1</sup> / <sub>2</sub> galvanized roofing nail 8d common nail staple 16 ga., 1 <sup>1</sup> / <sub>2</sub> long	3	6
<sup>25</sup> / <sub>32</sub> structural cellulosic fiberboard sheathing	1 <sup>3</sup> / <sub>4</sub> galvanized roofing nail 8d common nail staple 16 ga., 1 <sup>3</sup> / <sub>4</sub> long	3	6
1/2 gypsum sheathing	1 <sup>1</sup> / <sub>2</sub> galvanized roofing nail; 6d common nail; staple galvanized, 1 <sup>1</sup> / <sub>2</sub> long; 1 <sup>1</sup> / <sub>4</sub> screws, Type W or S	4	8
<sup>5</sup> / <sub>8</sub> gypsum sheathing	13/4 galvanized roofing nail; 8d common nail; staple galvanized, 15/8 long; 15/8 screws, Type W or S	4 (11)	8
Wood structural panels, combination sub	floor underlayment to framing		
<sup>3</sup> / <sub>4</sub> and less	6d deformed nail or 8d common nail	6	12
7/8-1	8d common nail or 8d deformed nail	6	12
11/8-11/4	10d common nail or 8d deformed nail	6	12

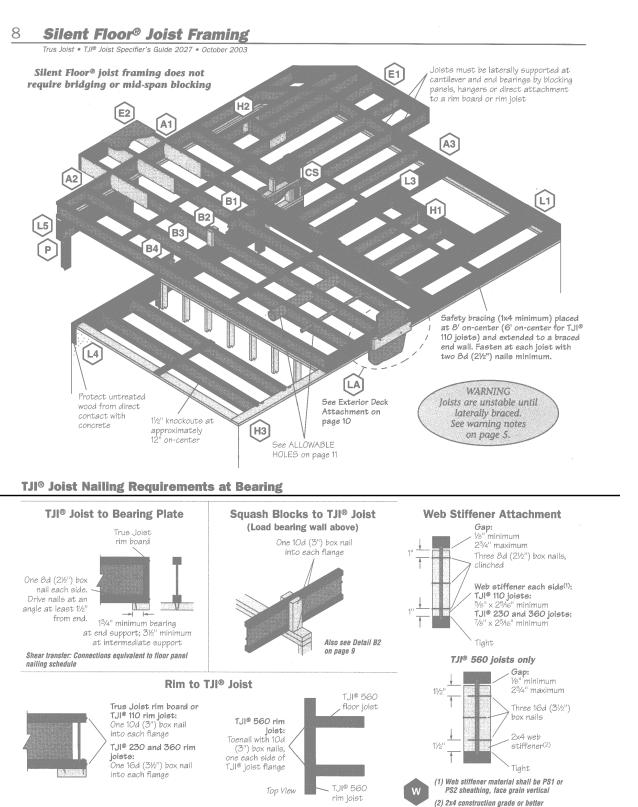
For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 1.609 km/h. a. All nails are smooth-common, box or deformed shanks except where otherwise stated

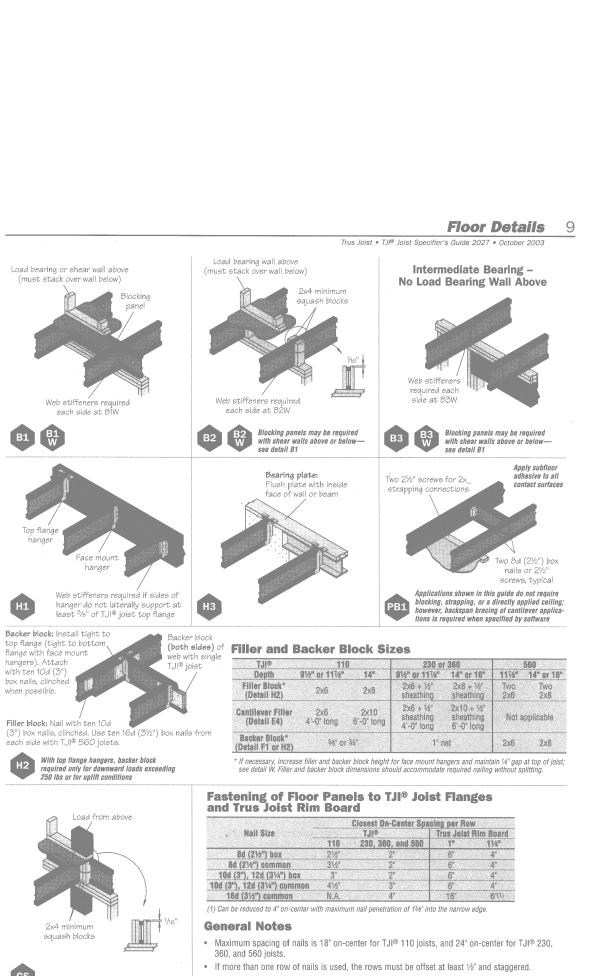
b. Staples are 16 gage wire and have a minimum <sup>7</sup>/<sub>16</sub>-inch on diameter crown width. c. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.

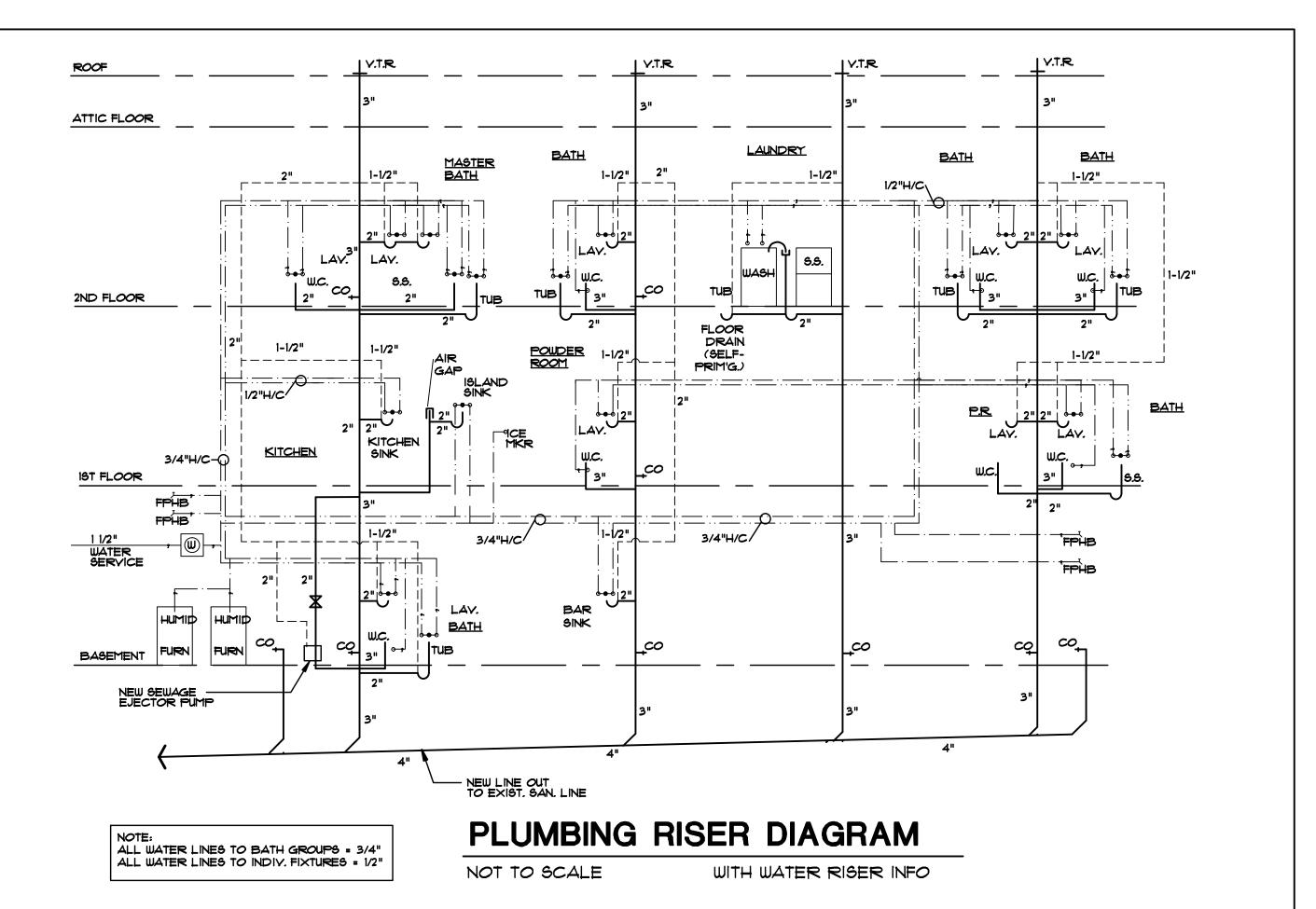
d. Four-foot-by-8-foot or 4-foot-by-9-foot panels shall be applied vertically. e. Spacing of fasteners not included in this table shall be based on Table R602.3(1).

f. For regions having basic wind speed of 110 mph or greater, 8d deformed nails shall be used for attaching plywood and wood structural panel roof sheathing to framing within minimum 48-inch distance from gable end walls, if mean roof height is more than 25 feet, up to 35 feet maximum. g. For regions having basic wind speed of 100 mph or less, nails for attaching wood structural panel roof sheathing to gable end wall framing shall be spaced 6 inches on center When basic wind speed is greater than 100 mph, nails for attaching panel roof sheathing to intermediate supporminimum 48-inch distance from ridges, eaves and gable end walls; and 4 inches on center to gable end wall framing

h. Gypsum sheathing shall conform to ASTM C 79 and shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to either AHA 194.1 or Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and at all floor perimeters only. Spacing of fast roof sheathing panel edges applies to panel edges supported by framing members and at all roof plane perimeters. Blocking of roof or floor sheathing panel edges applies to panel edges supported by framing members and at all roof plane perimeters. Blocking of roof or floor sheathing panel edges applies to panel edges supported by framing members and at all roof planes. Floor and roof perimeter shall be supported by











20 ALAN DRIVE SHORT HILLS, NJ 07078

|1|6**4||11|**|1 | WALL SECTION, PLUMBING ROBERT B. HEINTE . AIA architect: NJ — C 4352 planner: NJ — LI 01553 RISER DIAGRAM, FRAMING DONALD R. FIORE • AIA job no. : 21244

architect: NJ - Al 10410 scale: AS NOTED date: 01-23-13

• 14 ga. staples may be substituted for 8d (2½") nails if minimum penetration of 1" is achieved. • Table also applies for the attachment of TJI® rim joists and blocking panels to the wall plate.