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	TWO floor only					One floor only							HEADERS AND GIRDERS SUPPORTING			(Maximum spans for Douglas fir—larch, hem—fir, southern pine and spruce—pine—fir ^b and required number of jack studs)	GIRDER SPANS" AN									
4-2x12	4-2×10	4-2x8	3-2×12	3-2×10	3-2x8	2-2x12	2-2×10	2-2x8	2-2x6	2-2x4	4-2x12	4-2×10	4-2x8	3-2x12	3-2×10	3-2x8	2-2×12	2-2×10	2-2x8	2-2x6	2-2×4	SIZE			-fir, southern pine and spruce-pine-fi	GIRDER SPANS" AND HEADER SPANS" FOR INTERIOR BEARING WALLS
8-4	7-2	4-2	7-2	6-2	5-1	5-9	4-11	4-1	3-2	2-2	11-9	후 - <u>-</u>	5-10	10-2	8-9	7-2	8-1	7-0	5-9	4-6	3-1	Span N	20		r ^b and requ	ING WALLS
2 7-	2 6-	2 3-7	2 6-	2 5-	2 4-	2 5-	2 4-	2 3-	2 2.	1 1-	1 10	1 8	1 5	2 8-	1 7.	1 6-	2 7.	2 6-1	1 5-	1 3-1	1 2-	NJª Span		Building Width (feet)	ired nu	
7-2	6-2	-	6-3	5-4	4-5	5-0	4-3	3-6	2-9	1-10	10-2	8-9	5-1	8-10	7-7	6-3	7-0		5-0	-11	2-8		28	g Widtl	mber	
2 6	2	2 3	2 5-7	2 4-	2 3-	3 4	2 3-	2 3	2 2	1 1	2 9	1-7-	2 4	2 7-	2 6	1 5	2 6	2 5	2 4	1 3	1 2	NJª Span		າ (fee	of jac	
6-5	5-6	3-2	-7	4-10	3–11	4-5	3-10	3-2	2–5	1-7	9-1	7-10	4-6	7–10	6–9	5-7	6-3	5-5	4-5	3–6	2–5		36	t)	k stuo	
2	2	2	3	2	2	ઝ	3	2	2	_	2	2	2	2	2	2	2	2	2	_	_	Ŋ			<u>s</u>	

		FASTENER SCHEDULE FOR STRUCTURAL MEMBERS	SPACING OF	FACTFNFRC
subfloor, roof and wall sheathing to framing, and particaleboard wall sheathing to framing 6d common noil (subfloor, wall) 8d common noil (roof) ¹ 8d common noil 10d common noil or 8d deformed nail 1-1/2" galvanized roofing noil 6d common noil staple 16ga., 1-1/2 long 1-1/2" galvanized roofing noil 8d common noil staple 16ga., 1-3/4" long 1-1/2" galvanized roofing noil: 6d common noil; staple 16ga., 1-3/4" long 1-1/2" galvanized roofing noil: 6d common noil; staple 16ga., 1-1/2" long 1-1/2" galvanized roofing noil 6d common noil staple 16ga., 1-1/2" long 1-1/2" galvanized roofing noil 6d common noil staple 16ga., 1-1/2" long 1-1/2" galvanized roofing noil 6d common noil staple 16ga., 1-1/2" long 6d deformed noil or 8d common noil 8d common noil or 8d deformed noil 8d common noil or 8d deformed noil 1d common noil or 8d deformed noil 1d common noil or 8d deformed noil	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER b, c, d, •	OF	FASTENERS Intermediate su (inches)
6d common nail (subfloor, wall) 8d common nail (roof) ¹ 8d common nail (roof) ¹ 6 10d common nail or 8d deformed nail 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-3/4" galvanized roofing nail 8d common nail staple 16ga., 1-3/4" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-3/4" long 1-1/2" galvanized roofing nail: 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 6d deformed nail or 8d deformed nail 8d common nail or 8d deformed nail 1dod common nail or 8d deformed nail 1dod common nail or 8d deformed nail	wood structural panels, subfloor, roof and w	vall sheathing to framing, and particaleboard wo	all sheathing to framing	
8d common nail 6d 12	5/16" - 1/2"	6d common nail (subfloor, wall) 8d common nail (roof) ^f	6	12 9
10d common nail or 8d deformed nail 6 6 6 6 6 6 6 6 6	19/32" - 1"	8d common nail	6	
fiberboard 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 3 fiberboard 1-3/4" galvanized roofing nail 8d common nail staple 16ga., 1-3/4" long 3 ssic 6d common nail; staple galvanized, 1-1/2" long 1-1/4" screws, type W or S 3 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 3 common nail staple 16ga., 1-1/2" long 4 common nail staple 16ga., 1-1/2" long 6 deformed nail or 8d common nail 6 8d common nail or 8d deformed nail 6 10d common nail or 8d deformed nail 6	1-1/8" - 1-1/4"	10d common nail or 8d deformed nail	6	12
1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	Other wall sheathing H			
fiberboard 1-3/4" galvanized roofing nail 8d common nail staple 16ga., 1-3/4" long 1-1/2" galvanized roofing nail: 6d common nail; staple galvanized, 1-1/2" long 1-1/4" screws, type W or S 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 6d deformed nail or 8d common nail 6d deformed nail or 8d deformed nail 10d common nail or	1/2" regular cellulosic fiberboard sheathing	1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	3	6
osic 1-1/2" galvanized roofing nail: 1-1/2" long 1-1/4" screws, type W or S 1-1/2" long 1-1/4" screws, type W or S 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" long	1/2" regular cellulosic fiberboard sheathing	1-3/4" galvanized roofing nail 8d common nail staple 16ga., 1-3/4" long	ય	6
1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long 1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long combination subfloor underlayment to framing 6d deformed nail or 8d common nail 8d common nail or 8d deformed nail 10d common nail or 8d deformed nail 6 10d common nail or 8d deformed nail	25/32" structural cellulosic fiberboard sheathing	1-1/2" galvanized roofing nail: 6d common nail; staple galvanized, 1-1/2" long 1-1/4" screws, type W or S	ય	6
combination subfloor underlayment to framing 8d common nail or 8d deformed nail 10d common nail or 8d deformed nail 6 4 4 4 4 6 6 6 10d common nail or 8d deformed nail 10d common nail or 8d deformed nail	1/2" gypsum sheathing	1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	4	8
tural panels, combination subfloor underlayment to framing ess 6d deformed nail or 8d common nail 8d common nail or 8d deformed nail 6 1-1/4** 10d common nail or 8d deformed nail	5/8" gypsum sheathing	1-1/2" galvanized roofing nail 6d common nail staple 16ga., 1-1/2" long	4	œ
ess 6d deformed nail or 8d common nail 8d common nail or 8d deformed nail 6 1-1/4** 10d common nail or 8d deformed nail 6	wood structural panels, combination subfloor	underlayment to framing		
1-1/4" 8d common nail or 8d deformed nail 6	3/4" and less	6d deformed nail or 8d common nail	6	12
10d common nail or 8d deformed nail 6	7/8" - 1"	8d common nail or 8d deformed nail	6	12
	1-1/8" - 1-1/4"	10d common nail or 8d deformed nail	6	12

1-1/0 - 1-1/4	Tod continon half of od deformed half	0	12
For SI: 1inch = 25.4mm, 1foot = 304.8mm, 1mile per hour = 1.609km/h.	, 1mile per hour = 1.609 km/h.		
a. All nails are smooth-common, box or de	a. All nails are smooth—common, box or deformed shanks except where otherwise stated. Nails used for framing and sh	Nails used for framing and sheathi	eathing connections shall have
minimum average bending yield strengths as	minimum average bending yield strengths as shown: 80ksi (551 MPa) for shank diameter of .192inch (20d common nail),	of .192inch (20d common nail), 90	90ksi (620 MPa) for shank

diameters larger than 0.142inch but not larger than 1.177inch, and 100ksi (689 MPa)for shank diameters.

b. Staples are 16 gage wire and have a minimum 7/16-inch on diameter crown width.

c. Nails shall be spaced at not more than 6inches on center at all supports where spans are 48inches.

d. Four-foot- by-8-foot or 4-foot-by-9-foot panels shall be applied vertically.

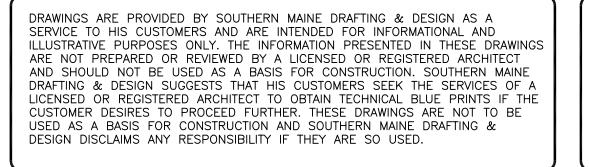
e. Spacing of fasteners not included in this table shall be based on table R6023(1).

f. For regions having basic wind speed of 110mph or greater, 8d deformed nails shall be used for attaching plywo sheathing to framing within minimum 48—inch distance from gable end walls, if mean roof height is more than 25feet, up to 3 g. For regions having basic wind speed of 100mph or less, nails for attaching wood structural panel roof sheathing spaced 6inches on center. When basic wind speed is greater than 100mph, nails for attaching panel roof sheathing 6inches on center for minimum 48—inch distance from ridges, eves and gable end walls; and 4inches on center to h. Gypsum sheathing shall conform to ASTM C79 and shall be installed in accordance with GA 253. Fiberboard sheat ASTM C 208.

-Number of jack studs required to support each end. Where the number required jack studs equals one, the header is permitted to be supported an approved framing anchor attached to the full-height wall stud and the header.

#2 grade

No.									
5 of 5	Sheet Number:	Project: C070815	Drawn By: J™	Scale: N/A	Date: 02/02/16			00/00/00 -	Revisions:



Span Tables & Schedules Wilson Residence

