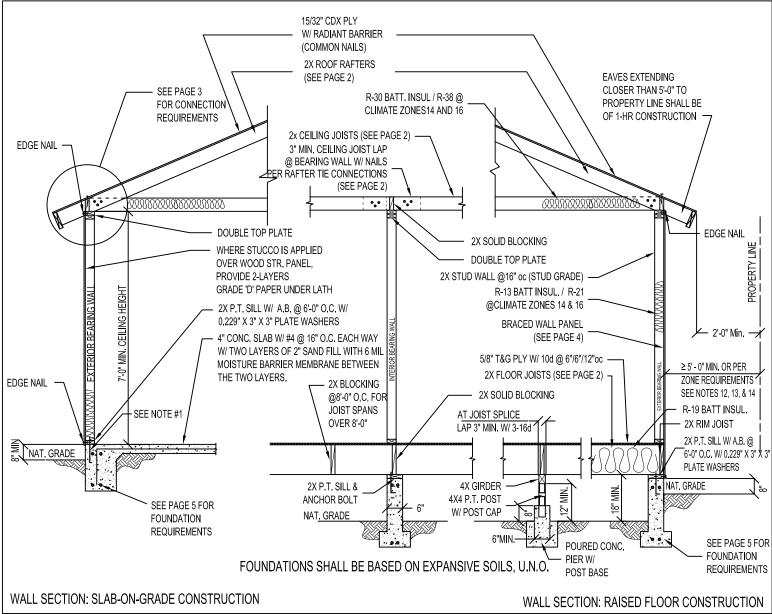


2011 COUNTY OF LOS ANGELES RESIDENTIAL CODE

WOOD FRAME PRESCRIPTIVE PROVISIONS

DEAD LOAD SHALL NOT EXCEED 15 PSF FOR COMBINED ROOF / CEILING OR EXTERIOR WALLS AND 10 PSF FOR FLOORS OR PARTITIONS.

THIS SHEET IS FOR INFORMATION AND REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT.

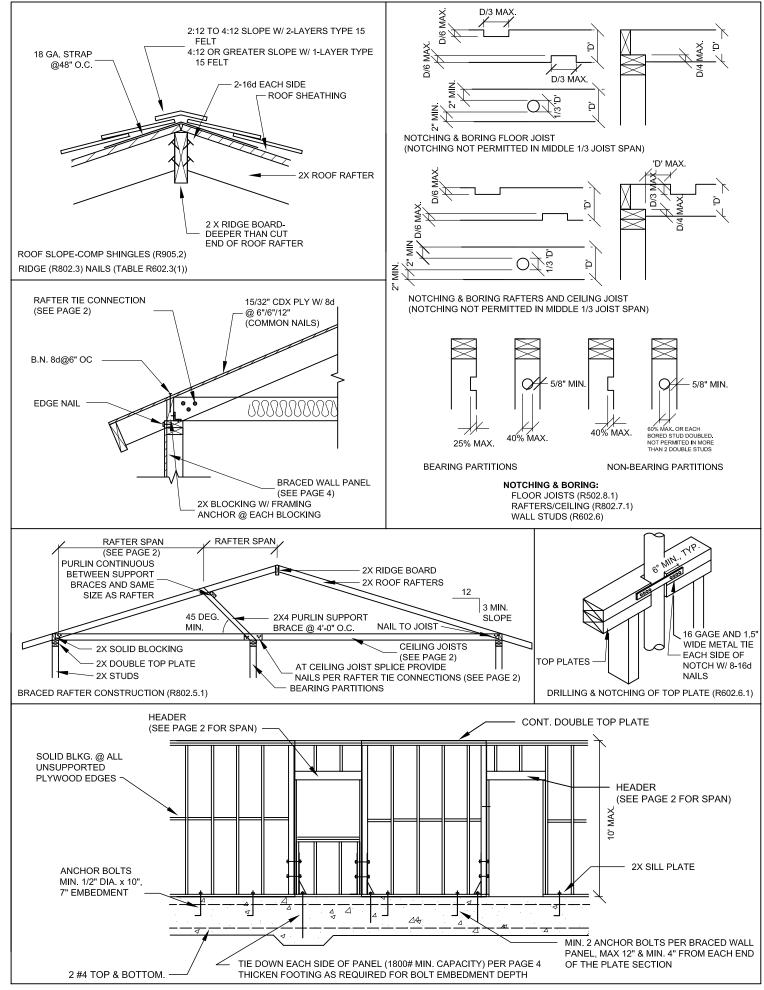


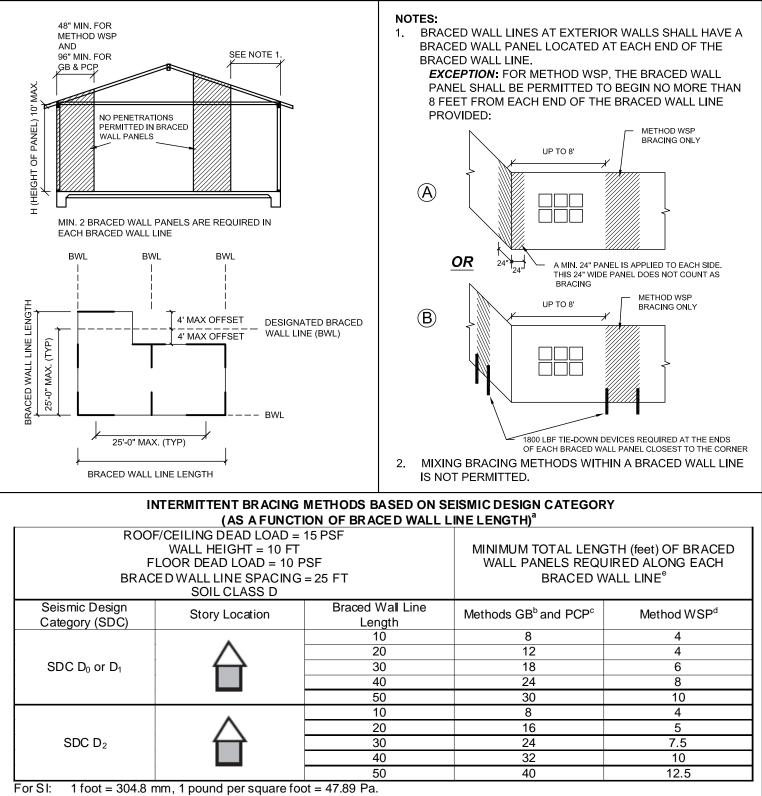
Notes:

- 1. Anchor bolts: 1/2" Ø x 10"; minimum 7" embedment, with minimum 2 anchor bolts per plate section, located not more than 12" or less than 4" from each end of the section.
- All foundation plates or sills and sleepers on a concrete or masonry slab, which is in direct contact with earth, and sills that rest on concrete or masonry foundations, shall utilize preservative treated wood (AWPA U1) & field-cut ends, notches and drilled holes shall be field treated (AWPA M4).
- 3. Minimum concrete Strength: 2500psi
- 4. Bearing walls and braced wall panels require continuous footings.
- 5. Soil report is required if the proposed construction is located in a liquefaction, landslide, Alquist-Priolo, Sierra Madre or other earthquake fault zone.
- 6. Where interior walls are shear wall panels, wall framing and sheathing shall extend to the roof sheathing.
- 7. Under floor spaces shall be ventilated by openings into the under-floor space walls. Such openings shall have a net area of not less than 1 sq. ft. for each 150 sq. feet of under-floor area. Openings shall be located
- within 3 ft. of each corner of the building and provide cross ventilation. The openings shall be approximately equally distributed along the length of at least two sides. Corrosion resistant mesh w/ 1/4" openings.
- 8. The net free ventilating area of enclosed attics & enclosed rafter spaces shall not be less than 1/150 of the space ventilated and shall have cross ventilation for each separate space.
- 9. For projects in Very High Fire Hazard Severity Zone (VHFHSZ): see VHFHSZ Plan Review List.
- 10. Provide a minimum of 1" airspace between insulation and the roof sheathing.
- 11. Exterior walls of dwellings and accessory structures closer than 5 ft. (non-sprinklered) / 3 ft. (sprinklered) to the property line shall be 1-hour fire-resistance-rated construction.
- 12. No openings other than approved foundation vents shall be permitted in the exterior walls of dwellings and accessory buildings where the exterior walls are less than 3-ft, to the property line.
- 13. The area of exterior wall openings of non-sprinklered dwellings and accessory buildings located ≥ 3-ft. and < 5-ft. to the property line shall be limited to 25% of the wall area. The area of exterior wall openings is unlimited when exterior walls are located ≥ 5-ft. for non-sprinklered buildings and ≥ 3-ft. for sprinklered buildings.
- 14. Footings on or adjacent to slopes shall meet the requirements of Section R403.1.7.
- 15. Exterior plaster (stucco) walls shall be provided with corrosion-resistant weep screeds.

VER. 5.1 (12-29-2010)

Dead International Internat	Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" JOIST SPANS (DF-Load 10 psf / Live load 10 psf / Live load 10 psf / Live load [Table R502.3.1(2)] Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24"	ad 20 psf) [Table R802.5.1(2)] Allowable span 11'-9" 14'-1" 15'-6" 14'-10" 18'-2" 20'-5" 18'-2" 22'-3" 25'-8" 21'-0" 25'-9" 26'-0" Allowable span 8'-1" 9'-9" 10'-3" 12'-7" 15'-5" 17'-9" 14'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" XABLE SPANS AND LO	NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SPA	[Table R Spacing 24" 16" 12" 24" 14] 6" 12" 24" 14] 6" 12" 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ 10'-2" w/ 2 NJ	02.5(1)] port each end. 28' Building width 4'-8" w/1 NJ 5'-11" w/2 NJ 7'-3" w/2 NJ 8'-5" w/2 NJ 10'-7" w/2 NJ BEARING WALLS 2)]	2)] le span d 5 psf/ 10 psf 0" 5" 10" 8" 6" 9" 0" 8" 6" 9" 0" Roof live la Required number of nailing. Split memb RAFTER SLOPE 3:12	Dea Liv	re load 7'-2' 8'-9' 9'-10 10'-6 12'-11 14'-11 13'-3 16'-3 18'-9 16'-3 19-10 22'-1' 16'-3 19-10 22'-1' 16'-3 19-10 22'-1' 16'-3 19-10 22'-1' 16'-3 19-10 12' 4 5 7 3 4 5	10 psf/ 20 psf 	1(9)] wood due to N(FT.) 28 8 10 15 6
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2x10 2x12 FLOOR Dead load Joist size 2x6 2x8 2x10 2x10 2x8 2x10 2x12 (Dead load 1 Sheathin Span rating Roof / floor span 24/0 24/16	24" 16" 12" 24" 16" 12" 24" 16" 12" JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10] Spacing 24" 16" 12" 24" 10] Spacing 24" 16" 12" 24" 10] Spacing 24" 16" 12" 24" 10] Spacing 24" 16" 12" 24" 10" 12" 24" 10" 10" 10" 10" 10" 10" 10" 10	14'-10" 18'-2" 20'-5" 18'-2" 22'-3" 25'-8" 21'-0" 25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2x82x10GIRDER AND HEADER WALLS (DF-L NJ = Number of jacks sSize2-2x62-2x102-2x123-2x12GIRDER AND HEADER SP. (DF-LARCH NJ = Number of jacks sSize2-2x62-2x82-2x102-2x62-2x62-2x102-2x113-2x12	24" 16" 12" 24" 16" 12" 24" 16" 12" SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 2 NJ 10'-2" w/ 2 NJ	14'-' 17'- 18'- 23'- 22'- 26'- 22'- 26'- 20'- 26'- 20'- 26'- 20'- 26'- 20'- 26'- 26'- 20'- 26'- 28' WIDIG 28' WIDIG 28'- 20'- 2	0" 8" 6" 9" 0" 8" 0" 8" 0" 8" 0" 8 1" 0" 0" 0" RAF ⁺ Roof live lo Required number o nailing. Split memb RAFTER SLOPE 3:12 4:12	the second secon	10'-6 12'-11 14'-11(13'-3 16'	" " " " " " " " " " " " " " " " " " "	wood due to N(FT.) 28 8 10 15 6
2x10 2x12 FLOOR Dead load Joist size 2x6 2x8 2x10 2x10 2x8 2x10 2x12 (Dead load 1 Sheathin Span rating Roof / floor span 24/0 24/16	16" 12" 24" 16" 12" 24" 16" 12" JOIST SPANS (DF-L oad 10 psf / Live los [Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 10" 10" 10" 10" 10" 10" 10	18'-2" 20'-5" 18'-2" 22'-3" 25'-8" 21'-0" 25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-3" 12'-7" 12'-7" 12'-7" 15'-5" 14'-2" 14'-7" 15'-5" 14'-7"	2x82x10GIRDER AND HEADER WALLS (DF-L NJ = Number of jacks sSize2-2x62-2x102-2x123-2x12GIRDER AND HEADER SP. (DF-LARCH NJ = Number of jacks sSize2-2x62-2x82-2x102-2x62-2x62-2x102-2x113-2x12	16" 12" 24" 16" 12" 24" 16" 12" SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 1 NJ 5'-9" w/ 1 NJ 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	17'- 19'- 18'- 23'- 26'- 20'- 26'- 20'-	8" 6" 9" 0" 8" 11" 0" RAF Roof live lo Required number o members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	12'-10 14'-11 13'-3 16'-3 16'-3 18'-9 16'-3 19-10 22'-17 Table F Roo 12 4 5 7 3 4 5	0" " " " " IONS 802.5.1 IONS 805.5.1 IONS	wood due to N(FT.) 28 8 10 15 6
2x10 2x12 FLOOR Dead load Joist size 2x6 2x8 2x10 2x10 2x8 2x10 2x12 (Dead load 1 Sheathin Span rating Roof / floor span 24/0 24/16	12" 24" 16" 12" 24" 16" 12" JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10" 12" 24" 16" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 10" 12" 24" 10" 10" 10" 10" 10" 10" 10" 10	20'-5" 18'-2" 22'-3" 25'-8" 21'-0" 25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 12'-7" 15'-5" 17'-9" 14'-7" 15'-5" 17'-9" 14'-7" 14'-9 14'-7" 14'-7" 14'-9 14'-7" 14	2x82x10GIRDER AND HEADER WALLS (DF-L NJ = Number of jacks sSize2-2x62-2x102-2x123-2x12GIRDER AND HEADER SP. (DF-LARCH NJ = Number of jacks sSize2-2x62-2x82-2x102-2x62-2x62-2x102-2x113-2x12	12" 24" 16" 12" 24" 16" 12" SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	19'- 18' 18' 23'- 22'- 22'- 26'- 26'- 26'- 26'- 28' Building width 4'-8' w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 20] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ 7'-0" w/ 2 NJ	6" 9" 0" 8" 11" 0" 0" RAF Roof live lo Required number of nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	14'-1(13'-3 16'-3 16'-3 18'-9 16'-3 19-10 22'-11' 22'-11' Table F alls per cc o prevent Vved and 12 4 5 7 3 4 5	D "	wood due to N(FT.) 28 8 10 15 6
2x12 FLOOR Dead load Joist size 2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" 24" 16" 12" JOIST SPANS (DF-L coad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 12" 24" 12" 24" 12" 24" 12" 24" 14" 12" 24" 14" 12" 24" 14" 14" 14" 14" 14" 14" 14" 1	22'-3" 25'-8" 21'-0" 25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-3" 10'-3" 10'-3" 12'-7" 12'-7" 12'-7" 14'-2" 14'-7" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2x10 GIRDER AND HEADER WALLS (DF-L/ NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x6 2-2x8 2-2x10 2-2x10 2-2x12 3-2x11 3-2x12	24" 16" 12" 24" 16" 12" SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 1 #2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	23'- 25'- 26'- 26'- 26'- 26'- 26'- 26'- 26'- 26	0" 8" 11" 0" 0" RAF Roof live la Required number o members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	16'-3 18'-9 16'-3 19-10 22'-1' NNECTI Table F ails per cc ails per cc o prevent word and ROO 12 4 5 7 3 4 5 5	" " " " " " " " " " " " " " " " " " "	wood due to N(FT.) 28 8 10 15 6
2x12 FLOOR Dead load Joist size 2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	12" 24" 16" 12" JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10" 24" 10" 24" 10" 24" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10" 24" 10"	25'-8" 21'-0" 25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 12'-7" 14'-2" 12'-7" 15'-5" 14'-7" 15'-5" 14'-7" 17'-90" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2x10 GIRDER AND HEADER WALLS (DF-L/ NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x6 2-2x8 2-2x10 2-2x10 2-2x12 3-2x11 3-2x12	12" 24" 16" 12" SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 1 NJ 5'-9" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	25'- 22'- 26'- 26'- 26'- 26'- 26'- 26'- 26	8" 11" 0" 0" 0" RAF [*] Roof live lo Required number o members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	18'-9 16'-3 19-10 22'-1' NNECTI Table R ails per cc o prevent wed and ROO 12 4 5 7 3 4 5	" " " " " " " " " " " " " " " " " " "	wood due to N(FT.) 28 8 10 15 6
FLOOR A Dead lo Dead lo 2x6 2x8 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	24" 16" 12" JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 10" 12" 24" 10" 10" 12" 24" 10" 10" 10" 10" 10" 10" 10" 10	21'-0" 25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-3" 12'-7" 14'-2" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	GIRDER AND HEADER WALLS (DF-L NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x12 3-2x12 GIRDER AND HEADER SP (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x10 2-2x12 3-2x12	24" 16" 12" SPANS FOR EXTER ARCH #2) [Table R5(tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 1#2) [Table R502.5(; tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	22'- 26'- 26'- 26'- 20'- 20'- 20'- 20'- 20'- 20'- 20'- 20	1" 0" RAF Roof live lo Required number of members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	16'-3 19-10 22'-1' NNECT Table F ails per cc o prevent oved and 12 4 5 7 3 4 5	" " " " " " " " " " " " " " " " " " "	wood due to N(FT.) 28 8 10 15 6
FLOOR A Dead lo Dead lo 2x6 2x8 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 10" 12" 24" 10" 10" 10" 10" 10" 10" 10" 10	25'-9" 26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	GIRDER AND HEADER WALLS (DF-L NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x12 3-2x12 GIRDER AND HEADER SP (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x10 2-2x12 3-2x12	16" 12" SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 1 #2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	26'- 26'- 26'- 22.5(1)] 22.5(1)] 22.5(1)] 22.5(1)] 28' Building width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 8'-5" w/ 2 NJ 10'-7" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	0" 0" RAF Roof live la Required number o members shall be o nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	19-10 22'-1' NNECTI Table F ails per cc o prevent oved and 12 4 5 7 3 4 5	p" 1" IONS R802.5.1 pronection, splitting or replaced. DF SPAI 20 6 8 11 5 6	wood due to N(FT.) 28 8 10 15 6
FLOOR A Dead lo Dead lo 2x6 2x8 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	12" JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12"	26'-0" ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-3" 10'-3" 12'-7" 12'-7" 14'-2" 12'-7" 14'-2" 14'-7" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	GIRDER AND HEADER WALLS (DF-L NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x12 3-2x12 GIRDER AND HEADER SP (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x10 2-2x12 3-2x12	12" SPANS FOR EXTER ARCH #2) [Table R5(tuds required to sup 20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 1#2) [Table R502.5() tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	26'- RIOR BEARING 22.5(1)] oport each end. 28' Building width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	0" RAF Roof live la Required number o members shall be o nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	22'-1' NNECTI Table R ails per cc o prevent oved and 1 ROO 12 4 5 7 3 4 5	1" IONS 8802.5.7 Innection, splitting of replaced. 20 6 8 11 5 6	wood due to N(FT.) 28 8 10 15 6
Dead In Joist size // // // // // // // // // // // // //	JOIST SPANS (DF-L oad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10" 12" 24" 10" 10" 10" 10" 10" 10" 10" 10" 10" 10	ARCH #2) ad 40 psf] Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	WALLS (DF-L/ NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x12 3-2x12	SPANS FOR EXTER ARCH #2) [Table R50 tuds required to sup width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 1 #2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	RIOR BEARING D2.5(1)] oport each end. 28' Building width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 7'-3" w/ 2 NJ 10'-7" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	RAF Roof live lo Required number o members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	NNECTI Table F ails per cc o o prevent oved and 1 12 4 5 7 3 4 5	IONS 8802.5.1 Innection, splitting or replaced. DF SPAI 20 6 8 11 5 6	wood due to N(FT.) 28 8 10 15 6
Dead lo Joist size 2x6 2x8 2x10 2x12 2x12 (Dead load 1 2x12 2x12 2x12 2x12 2x12 2x12 2x12 2x	Coad 10 psf / Live loa [Table R502.3.1(2) Spacing 24" 16" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24" 10" 12" 24' 10" 12" 12" 12" 12" 12" 12" 12" 12	ad 40 psf Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 14'-2" 14'-7" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	WALLS (DF-L/ NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x12 3-2x12	ARCH #2) [Table R50 tuds required to sup width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 12'-2" w/ 2 NJ 4#2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	02.5(1)] port each end. 28' Building width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 10'-7" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 20] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	Roof live lo Required number of members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	toad 20 psf [(" f 16d common ne of sufficient size to errs shall be remo TIE SPACING 12 16 24 12 16 24 12	Table Fails per cco preventoved andVed and12457345	R802.5.4 ponnection, splitting c replaced.	wood due to N(FT.) 28 8 10 15 6
Joist size 2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	[Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 24" 10" 24" 24" 10" 24" 24" 24" 24" 24" 24" 24" 24" 24" 24	Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCI NJ = Number of jacks s Size 2-2x6 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	20' Building width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 1#2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	28' Building width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 8'-5" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	f sufficient size to ers shall be removing SPACING 12 16 24 12 16 24 12 16 24	o prevent oved and 1 12 4 5 7 3 4 5	splitting c replaced. F SPAI 20 6 8 11 5 6	N(FT.) 28 8 10 15 6
Joist size 2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	[Table R502.3.1(2) Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 10" 24" 24" 24" 10" 24" 24" 10" 24" 24" 24" 24" 24" 24" 24" 24" 24" 24	Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x10 2-2x12 3-2x12	width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 4 #2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 8'-5" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	members shall be c nailing. Split memb RAFTER SLOPE 3:12 4:12	f sufficient size to ers shall be removing SPACING 12 16 24 12 16 24 12 16 24	o prevent oved and 1 12 4 5 7 3 4 5	splitting c replaced. F SPAI 20 6 8 11 5 6	N(FT.) 28 8 10 15 6
2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	Spacing 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	Allowable span 8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" VABLE SPANS AND LO	2-2x6 2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x10 2-2x12 3-2x12	width 5'-5" w/ 1 NJ 6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 4 #2) [Table R502.5(tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	width 4'-8" w/ 1 NJ 5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 8'-5" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	RAFTER SLOPE 3:12 4:12	TIE SPACING 12 16 24 12 16 24 24	ROO 12 4 5 7 3 4 5	PF SPAI 20 6 8 11 5 6	28 8 10 15 6
2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7"	2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 142) [Table R502.5(tuds required to sup width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 8'-5" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	SLOPE 3:12 4:12	SPACING 12 16 24 12 16 24	12 4 5 7 3 4 5	20 6 8 11 5 6	28 8 10 15 6
2x6 2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	24" 16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	8'-1" 9'-9" 10'-9" 10'-3" 12'-7" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7"	2-2x8 2-2x10 2-2x12 3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	6'-10" w/ 1 NJ 8'-5" w/ 2 NJ 9'-9" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 142) [Table R502.5(tuds required to sup width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	5'-11" w/ 2 NJ 7'-3" w/ 2 NJ 8'-5" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 7'-0" w/ 2 NJ	3:12	12 16 24 12 16 24	12 4 5 7 3 4 5	20 6 8 11 5 6	28 8 10 15 6
2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2-2x12 3-2x12 GIRDER AND HEADER SP, (DF-LARC) NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x8 2-2x10 2-2x12 3-2x12	9'-9" w/ 2 NJ 12'-2" w/ 2 NJ ANS FOR INTERIOR 4 #2) [Table R502.5(; tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 5'-9" w/ 1 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	8'-5" w/ 2 NJ 10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	4:12	16 24 12 16 24	5 7 3 4 5	8 11 5 6	10 15 6
2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" 24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	9'-9" 10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	3-2x12 GIRDER AND HEADER SP/ (DF-LARCH NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x10 2-2x12 3-2x12	12'-2" w/ 2 NJ ANS FOR INTERIOR 1 #2) [Table R502.5(2 tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	10'-7" w/ 2 NJ BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	4:12	16 24 12 16 24	5 7 3 4 5	8 11 5 6	10 15 6
2x8 2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	12" 24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	10'-9" 10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	GIRDER AND HEADER SP/ (DF-LARC) NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	ANS FOR INTERIOR 1 #2) [Table R502.5(; tuds required to sup width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	BEARING WALLS 2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	4:12	24 12 16 24	7 3 4 5	11 5 6	15 6
2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	24" 16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	10'-3" 12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	(DF-LARC) NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	1 #2) [Table R502.5(tuds required to sup width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	2)] port each end. 28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	4:12	12 16 24	3 4 5	5	6
2x10 2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	12'-7" 14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	NJ = Number of jacks s Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	tuds required to sup 20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ		16 24	4 5	6	
2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	12" 24" 16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	14'-2" 12'-7" 15'-5" 17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	Size 2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	20' Building width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	28' Building width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ		16 24	4 5	6	
2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" 24" 16" 12" ALLOW 0 psf; Panel continu	15'-5" <u>17'-9"</u> 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ		24	5		
2x12 (Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	12" 24" 16" 12" ALLOW 0 psf; Panel continu	17'-9" 14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2-2x6 2-2x8 2-2x10 2-2x12 3-2x12	width 4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	width 3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	5:12			8	8
(Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	24" 16" 12" ALLOW 0 psf; Panel continu	14'-7" 17'-10" 20'-7" /ABLE SPANS AND LO	2-2x8 2-2x10 2-2x12 3-2x12	4'-6" w/ 1 NJ 5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	3'-11" w/ 1 NJ 5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	5:12	12	-		12
(Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	16" 12" ALLOW 0 psf; Panel continu	17'-10" 20'-7" /ABLE SPANS AND LO	2-2x8 2-2x10 2-2x12 3-2x12	5'-9" w/ 1 NJ 7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	5'-0" w/ 2 NJ 6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	5:12	12	i -		
(Dead load 1 Sheathi Span rating Roof / floor span 24/0 24/16	12" ALLOW 0 psf; Panel continu	20'-7" /ABLE SPANS AND LO	2-2x10 2-2x12 3-2x12	7'-0" w/ 2 NJ 8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	6'-1" w/ 2 NJ 7'-0" w/ 2 NJ	5:12	1	3	4	5
Sheathi Span rating Roof / floor span 24/0 24/16	ALLOW 0 psf; Panel continu	ABLE SPANS AND LO	2-2x12 3-2x12	8'-1" w/ 2 NJ 10'-2" w/ 2 NJ	7'-0" w/ 2 NJ	1	16	3	5	6
Sheathi Span rating Roof / floor span 24/0 24/16	0 psf; Panel contin				8'-10" w/ 2 N I	1	24	4	7	9
Sheathi Span rating Roof / floor span 24/0 24/16	0 psf; Panel contin		ADS FOR WOOD STRUCTUR		0.0 10/2110		24	4	<u>'</u>	3
Roof / floor span 24/0 24/16	Min. panel	Мах	Roof span (in.) Load (psf)			Subfloor Max. span (in.)				
24/0 24/16		Edge support				Panel edges			ove ic	ints c
24/16	thickness (in.)	(2x blocking)	No edge support	Total load	Live load	with blocking				
-	3/8	24	20	40	30		0			
32/16	7/16	24	24	50	40		16			
40/20	15/32, 1/2 19/32, 5/8	32 40	28	40	30 30		<u>16</u> 20			
48/24	23/32, 3/4	40 48	32	40	35		20 24			
			FASTENER SCHEDULE	[Table R602.3(1)]						
onnection			Roof	Fastener		Remarks				
locking between jois	ts or rafters to top I	olate	1.001	3-8d (2-1/2" x 0.1	13")	Toe nail				
eiling joists to plate				3-8d (2-1/2" x 0.1	13")	Toe nail				
	hed to parallel rafte	er, laps over partitions		3-10d (3" x 0.128		Face nail				
after to plate		2-16d (3-1/2" x 0.	135")	Toe nail						
oof rafter to ridge, va oe nail	aney or mp ratters:			4-16d (3-1/2" x 0.						
ace nail			Wall	3-16d (3-1/2" x 0.	135")					
uilt-up corner studs				10d (3" x 0.128")		24" o.c.		-		
uilt-up header, two p	16d (3-1/2" x 0.13		16" o.c. along each edge							
ontinued header, two					16d (3-1/2" x 0.135") 4-8d (2-1/2" x 0.113")		16" o.c. along each edge Toe nail			
ontinuous header to ouble studs	ອເຜບ			4-80 (2-1/2 x 0.113) 10d (3" x 0.128")		Face nail 24" o.c.				
ouble top plates				10d (3" x 0.128")		Face nail 24" o.c.				
ouble top plates, min		end joints		8-16d (3-1/2" x 0.135")		Face nail in lapped area				
ole plate to joist or b				16d (3-1/2" x 0.135")		Face nail 16" o.c.				
ole plate to joist or b	locking at braced w	all panels		16d (3-1/2" x 0.13		16" o.c.				
tud to sole plate				3-8d (2-1/2" x 0.1 2-16d (3-1/2" x 0.		Toe nail				
op or sole plate stud	2-16d (3-1/2" x 0.135")		End nail							
op plates, lap at corn	ers and intersectio	ns	Floor	2-10d (3" x 0.128		Face nail				
oist to sill or girder Im joist to top plate (Toe nail Toe nail 6"o.c.							
im joist to top plate (roof application also) uilt-up girders and beams, 2-inch lumber layers				10d (3" x 0.128")	Nail each layer as follows: 32" o.c. at t					
		r layers		1		In out abille				





a. Based on Table R602.10.1.2(2) of the 2011 County of Los Angeles Residential Code.

- b. GB = 1/2" minimum thickness gypsum board with 1 1/2" galvanized roofing nail or 1 1/4 screws, Type W or S for exterior sheathing, or 5d cooler nail, 0.086" diameter, 1 5/8" long, 15/64" head for interior sheathing. Maximum spacing of fasteners shall be at 7" on center, at panel edges including top and bottom plates. When Method GB panels are applied to only one face of a braced wall panel, the minimum total length of braced wall panel in the Table shall be doubled.
- c. PCP = 7/8" minimum thickness portland cement plaster with 1 1/2", 11 gage, 7/16" head nails at 6" spacing. (For maximum 16" stud spacing only.) Gypsum wall board (1/2" minimum thickness) shall be installed on the side of the wall opposite the bracing material, except if the minimum total length of braced wall panel in the Table is multiplied by a factor of 1.5.
- d. WSP = 15/32" minimum thickness wood structural panel with 8d common (2 1/2" x 0.131) nails at 6" spacing (panel edge) at 12" spacing (intermediate supports), 3/8" edge distance to panel edge. Gypsum wall board (1/2" minimum thickness) shall be installed on the side of the wall opposite the bracing material, except if the minimum total length of braced wall panel in the Table is multiplied by a factor of 1.5.
- e. Method GB and PCP braced wall panel h/w ratio shall not exceed 1:1.

