_____
                    COMPANY | PROJECT
_____
                    DESIGN RESULTS - NDS 2018
===
DESIGN DATA:
      Type: Pinned base; Load face = width(b);
      Material: CLT
      Ke x Ld: 1.0 x 15.0 = 15.0 ft;
      Total length: 15.00 [ft]
      Load combinations: ASD Basic from ASCE 7-22 2.4;
===
LOADS: (force=lbs, pressure=psf, udl=plf, location=ft)
          >>Self-weight automatically included<<
===

| Load | Type | Distribution | Location | | Magnitude | | Unit | Orient |
			Start	End	Start	End		
D	Dead	Axial UDL	(Ecc. = Auto)		3400		plf	Axial
L	Live	Axial UDL	(Ecc. = Auto)		6800		plf	Axial

===
SUGGESTED SECTIONS that PASSED the CODE CHECK:
===

| | Species | bxd | Axial | Bending | Comb'd | Shear | Disp./ | Volume |
	Grade	in	fc/Fc'	fb/Fb'		fv/Fv'	Allow.	cu.ft.
	S-P-F							
1*	E1	12x4.125	0.64	0.13	0.79	0.03	0.18	16.9

 Comb'd = tension + bending or compression + bending.
>>For more detailed output, select a Suggested Section from the Data Bar.<<
===
DESIGN NOTES:
===
 1. Analysis and design are in accordance with the ICC International Building Code
    (IBC 2024) and the National Design Specification (NDS 2024), using Allowable
    Stress Design (ASD). Design values are from the NDS Supplement.
 2. Please verify that the default deflection limits are appropriate
    for your application.
 3. Design ratios shown are for axial loads with zero eccentricity. Auto-eccentricity
    is applied during detailed design check, and may cause a section
    shown here as passing to fail.
 4. CLT design is according to NDS Chs. 10, C3 and C15, and APA PRG 320-19. Where needed
for customized lay-ups or fire-reduced sections, 2013 FPInnovations CLT Handbook Chs. 3
and 8, and 2014 CSA O86 Ch. 8 are used.