Type of component	Source of the bending moment		
	Secondary effects	Transverse loading	Eccentricity <
Compression chord	Not if 5.1.5(3) is satisfied	Yes	Yes
Tension chord			No
Brace member			No
Joint			Not if 5.1.5(5) is satisfied

This Robot calculate

Normal

pinned

connection

Connections modeled " flexible" -spring realease

This is not taken a count because the model, (continuous chords, pin connected brace members...) So I guess robot should give a warning when you break rules at table 5.1.5(3)

CONSIDER NON-AXIAL CONNECTION OF MEMBERS IN THE NODE Tube -42,98 Tube $\Sigma E_i J_i / L_i =$ 180234415,78 Additional moment in the chord ΔM₀₂ = Additional morent in the chord Tube -0,54 Additional moment in the diagonal Additional moment in the diagonal -0,64 -- 13 see -- 14 see Tube Tube Tube CAPACITY VERIFICATION EUROCODE 3: EN 1993-1-8:2005 Tube -- 17 业 -- 18 业 Tube Partial safety factor Tube FAILURE MODES FOR JOINTS (RHS CHORD MEMBERS) [Table 7.12] for N_{I,Rd} and [Table 7.14] for M_{I,Rd} **€** Steel connections GEOMETRICAL PARAMETERS ist of connec 12,50 Coefficient taking account of geometry of the chord 0.25 Coefficient taking account of stresses in the chord Coefficient taking account of stresses in the chord TUBE CHORD FACE FAILURE 2 4,44,45,3 DIAGONAL 2 655,24 kN 894,46 Tension capacity 0,15 kN*m 818.40 kN $|N_2| \le N_{2,Rd}$ |818,40| < 894,46 469.78 kN -0,00 kN*m 0.94 $|M_2 + \Delta M_2| \le M_{2,Rd}$ |-0,54| < 26,13 $N_2/N_{2,Rd} + (M_2 + \Delta M_2)/M_{2,Rd} \le 1$

