



Reinforcing zone definition

☐ Automatic

☒ Minimum size of zones without reinforcement L 1.000 m

Criterion-zones with densely-spaced reinf. 50.000 %

☒ Manual

List of possible solutions:

1 1.157kN

Bars

Coordinates (p1; p2) (m) p1 p2

Add

X+	Zone name	Basic panel parameter	ϕ	S (mm)	Increase of zone	Reinforcement (mm ² /m)		
						At	Ar	As
1	1/1+	---	A16	200		1005	1005	0
5	1/5+	---	A16	200		448	1005	+558
*								

Calculation errors

No.	
Plate291	
1	For top reinforcement in the direction of X axis at the point: (2.50, 0.29) $A_r/A_t = 0.69 < 1.0$
2	For top reinforcement in the direction of X axis at the point: (2.50, 0.86) $A_r/A_t = 0.69 < 1.0$
3	For top reinforcement in the direction of Y axis at the point: (2.50, 0.29) $A_r/A_t = 0.62 < 1.0$
4	For top reinforcement in the direction of Y axis at the point: (2.50, 0.86) $A_r/A_t = 0.62 < 1.0$
5	For bottom reinforcement in the direction of Y axis at the point: (2.50, 0.29) $A_r/A_t = 0.72 < 1.0$
6	For bottom reinforcement in the direction of Y axis at the point: (2.50, 0.86) $A_r/A_t = 0.72 < 1.0$
7	Too little top reinforcement area
8	Too little bottom reinforcement area
9	The concrete strength does not fulfill the code requirements concerning the exposure class: 28 MPa < 30 MPa - E.1(2).

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