Autodesk Robot Structural Analysis Professional 2018 - Project: Nacham Residential Building-NRB - Level: - Results (FEM)...

File View RC Element Analysis Results Reinforcement Tools Add-Ins Window Help Community

RC Component Inspector

Stories
- Standard Level
- Story 2
  - Plate130...135
  - Beam49...51
  - Beam46...48
  - Beam43...45
  - Beam52...53
  - Beam54...55
  - Beam42
  - Beam56...57
  - Beam58...59
- Story 1

Structure elements | Drawings

Name	Value
Material properties	
Concrete	
Class	C
Characteristic stre...	40.0
Longitudinal reinforce...	
Class	B500A, B or C (
Characteristic stre...	500.0
Transversal reinforce...	
Class	B500A, B or C (
Characteristic stre...	500.0
Elevation	
Reference level	+6.000
Total length	16.300
Number of spans	
Structure	
Objects	
Nodes	34to36

Beam

Structure | Beam - View | Beam - Diagrams | Beam - Reinforcement | Beam - note

General | Detailed | Summary table | Spacings and areas

	No.	Reinforcement Type	Steel Grade	Diameter (mm)	Sh Co
1	1	main-top	B500A, B or	H16	00
2	1	main-top	B500A, B or	H16	00
3	1	main-top	B500A, B or	H16	00
4	1	main-top	B500A, B or	H16	00
5	1	main-top	B500A, B or	H16	00
6	1	main-top	B500A, B or	H16	00
7	2	main-top	B500A, B or	H25	00
8	2	main-top	B500A, B or	H25	00
9	2	main-top	B500A, B or	H25	00
10	3	transverse-main	B500A, B or	H8	31
11	3	transverse-main	B500A, B or	H8	31
12	3	transverse-main	B500A, B or	H8	31
13	3	transverse-main	B500A, B or	H8	31

Bar

Type	main-top
Steel	B500A, B or C (Deformed)
Reinforcement parameters	
Diameter	H16
Shape parameters	
Shape	A
Shape code	00
A (m)	2.15600
Left end	
Hook	90.0
Hook length	0.32000

Activate Windows
Go to Settings to activate Windows.

Beam - Reinforcement

Code : BS 8110 Regulation: BS8110 ... 00 z = 0.00000 (m)

Trymo Civil & Structural Engineering Consultancy

1:22 AM
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