



Comments / Notes:

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|-------------------------------------|--|---------------------------------------|--|
| Slab Code: | B320.3.14.3 | Slab Thickness: | 320 mm |
| Design Width: | 1200 mm | Actual Width: | 1196 mm |
| Number of Cores: | 3 | Diameter of Cores: | 230 mm |
| Number of Bottom Strands: | 5 - 14 | Number of Top Strands: | 0 - 3 |
| Concrete Grade (Zero Slump): | 50 MPa | Prestress (12.7% Strand): | 500 - 1200 MPa |
| Cover to Strand: | 35 - 50 mm | Fire Rating: | 1½ - 4 Hours |
| Self Weight of Slab: | 515 kg/m ² | Self Weight (Incl. 60mm Scream) | 690 kg/m ² |
| Cross Sectional Area: | 246.2x10 ³ mm ² | Moment of Inertia (I _{xx}): | 2762.5x10 ⁶ mm ⁴ |
| Distance to N.A. (Y _b): | 159.038 mm | Distance to N.A. (Y _t): | 160.962 mm |
| Section Modulus (Z _b): | 17.370x10 ⁶ mm ³ | Section Modulus (Z _t): | 17.162x10 ⁶ mm ³ |



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Title
320 Thick 3 Core HC Slab

Client
 Drawn By
 Checked By
 Scale
 Date
 Job No.
 Drawing No.
2.09
 Revision