



Slab Code:	<b>B300.3.11.3</b>	Slab Thickness:	<b>300 mm</b>
Design Width:	<b>1200 mm</b>	Actual Width:	<b>1196 mm</b>
Number of Cores:	<b>3</b>	Diameter of Cores:	<b>230 mm</b>
Number of Bottom Strands:	<b>5 - 11</b>	Number of Top Strands:	<b>0 - 3</b>
Concrete Grade (Zero Slump):	<b>50 MPa</b>	Prestress (12.7 $\phi$ Strand):	<b>500 - 1200 MPa</b>
Cover to Strand:	<b>35 - 50 mm</b>	Fire Rating:	<b>1½ - 4 Hours</b>
Self Weight of Slab:	<b>466 kg/m<sup>2</sup></b>	Self Weight (incl. 60mm Scream)	<b>640 kg/m<sup>2</sup></b>
Cross Sectional Area:	<b>223.0x10<sup>3</sup> mm<sup>2</sup></b>	Moment of Inertia (I <sub>xx</sub> ):	<b>2204.6x10<sup>6</sup> mm<sup>4</sup></b>
Distance to N.A. (Y <sub>b</sub> ):	<b>149.031 mm</b>	Distance to N.A. (Y <sub>t</sub> ):	<b>150.969 mm</b>
Section Modulus (Z <sub>b</sub> ):	<b>14.793x10<sup>6</sup> mm<sup>3</sup></b>	Section Modulus (Z <sub>t</sub> ):	<b>14.603x10<sup>6</sup> mm<sup>3</sup></b>



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Project

Client

Title

**300 Thick 3 Core HC Slab**

Drawn By

Checked By

Scale

Date

Job No.

Drawing No.

Revision

**2.08**

Comments / Notes: