

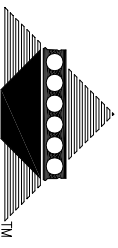
Preferred Cutting / Core Locations

Comments / Notes:

Slab Code:	F220.5.10.2	Slab Thickness:	220 mm
Design Width:	1200 mm	Actual Width:	1196 mm
Number of Cores:	5	Diameter of Cores:	155 mm
Number of Bottom Strands:	6 - 10	Number of Top Strands:	0 - 4
Concrete Grade (Zero Slump):	50 MPa	Prestress (1.2.7 $\phi$ Strand):	500 - 1200 MPa
Cover to Strand:	35 - 50 mm	Fire Rating:	1 $\frac{1}{2}$ - 3 Hours
Self Weight of Slab:	336 kg/m <sup>2</sup>	Self Weight (Incl. 60mm Screed)	503 kg/m <sup>2</sup>
Cross Sectional Area:	160.7x10 <sup>3</sup> mm <sup>2</sup>	Moment of Inertia (I <sub>xx</sub> ):	892.1x10 <sup>6</sup> mm <sup>4</sup>
Distance to N.A. (Y <sub>b</sub> ):	109.131 mm	Distance to N.A. (Y <sub>t</sub> ):	110.869 mm
Section Modulus (Z <sub>b</sub> ):	8.175x10 <sup>6</sup> mm <sup>3</sup>	Section Modulus (Z <sub>t</sub> ):	8.047x10 <sup>6</sup> mm <sup>3</sup>

## HOLLOW CORE CONCRETE PTY. LTD.

A.B.N. 22 006 895 469  
 Structural Precast Components  
 12-14 Marra Street  
 Laverton North  
 Victoria 3026  
 Tel. (03) 9369 4944 Fax. (03) 9369 2025  
 Email: info@hollowcore.com.au  
 www.hollowcore.com.au



Project:

Client:

Title:

## 5 Core Penetration Details

Drawn By:

Checked By:

Scale:

Date:

Job No.:

Drawing No.:

Revision:

2.16