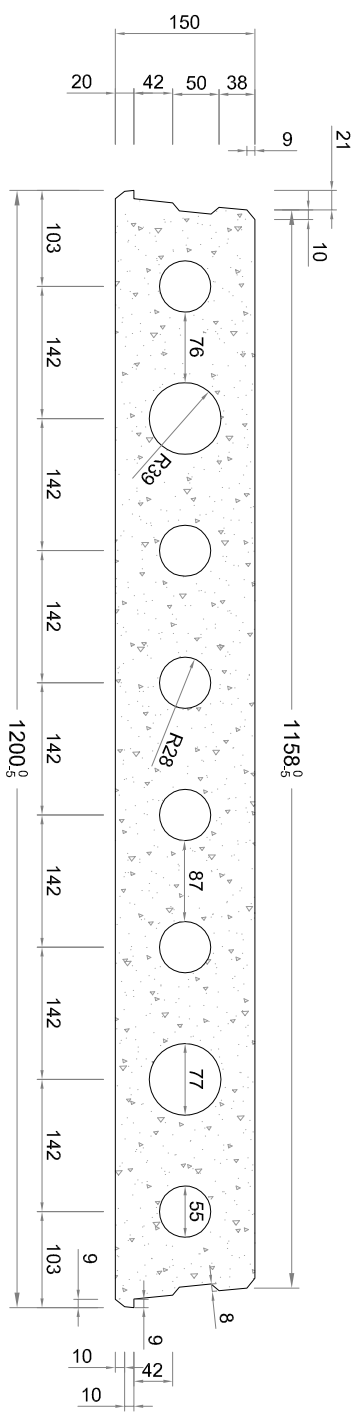
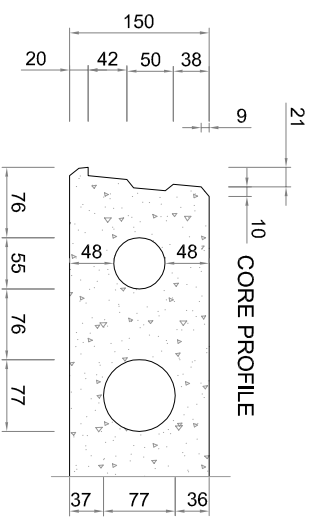


HOLLOW CORE SLAB FOR FLOOR
150mm Heavy - 8 holes (extruder technology)
STRAND POSITION



HOLLOW CORE SLAB FOR FLOOR
150mm Heavy - 8 holes (extruder technology)
UNIT PROFILE



CORE PROFILE

UNIT DETAILS	
CROSS SECTION AREA m ²	0.151
WEIGHT kg/m ²	302
WEIGHT kg/m	362
STRAND DETAILS	
Level	Strand Position
Y	1
Y	2
	Strand Diameter
	9.3mm OML Y
	9.3mm - 12.5mm

- ALL UNITS TO BE DESIGNED, MANUFACTURED & ERECTED IN ACCORDANCE WITH BS8110 & EN198.
- CONCRETE GRADE C40/50 STRAND COVER DURABILITY MODERATE FIRE RESISTANCE SURFACE FINISH TO SOFFIT TYPE A DESIGN SERVICEABILITY CLASS CLASS 2
- SERVICE OPENINGS** - PERFORMED HOLES / CUT OUTS ARE TAKEN TO THE CENTER OF THE NEAREST CORE. IN SOME CASES THE HOLE CUTOUT MAY BE GREATER THAN SHOWN ON THE DRAWING. PLEASE SERVICE OPENINGS UP TO 500mm MAY BE DRILLED THROUGH THE CENTER LINE OF THE CORES BY OTHERS. TO AVOID SPALLING OF THE SOFFIT DRILLING SHOULD COMMENCE FROM BOTTOM UP. CARE SHOULD BE TAKEN TO PRESERVE THE STRAND SLAB REINFORCING STRANDS. EXPERTS THE STRAND SLAB CUT OUT OR LARGER OPENINGS NOTCHES WITHOUT FIRST CONSULTING WITH ORANMORE PRECAST LTD. DESIGN OFFICE. STEEL TRIMMER FINISHES CAN BE SUPPLIED FOR LARGE OPENINGS WHERE REQUIRED.
- BEARING JOINTS** ARE TO BE LAID ON A LEVEL BEARING OF NOT LESS THAN 100mm OF SAND OR 75mm ON STEEL OR TO CONCRETE. LEVEL BEARING SURFACES & MUST BE ERECTED IN GOOD TIME BE SUITABLY CURED BEFORE INSTALLATION OF HC UNITS. THE DESIGN OF THE SUPPORTING ELEMENTS IS THE RESPONSIBILITY OF THE ARCHITECT. THE UNITS MUST BE SUPPORTED APPROX. 300mm FROM THE ENDS AND MUST BE PUT IN PLACE WHERE SIDE BEARING OCCURS IN ORDER TO TRANSMIT EXCESS LOADINGS ON TO FOUNDATIONS.
- GROUTING & FINISHES** - JOINTS BETWEEN UNITS MUST BE GROUTED UP WITH CONCRETE OR SAND CEMENT MORTAR (CONCRETE GRADE C25/30) BY THE MAIN CONTRACTOR. THE GROUT MATERIAL SHALL BE COMPACTED TO THE JOINT FROM THE TOP. THE UNITS MUST BE GROUTED TO THE JOINT WITH BEANS OR WITH BEANS OR ANY CONCENTRATED LOAD.
- CUTTING OF UNITS** - UNDER NO CIRCUMSTANCES SHOULD UNITS BE CUT WITHOUT FIRST IN CONSULTING OUR DESIGN OFFICE.
- STACKING & LIFTING** - SLAB MUST BE LIFTED AT OR NEAR THE ENDS. LIFTING AT THE CENTER WILL CAUSE BREAKAGE AND ORANMORE UNITS WILL BE DAMAGED. UNITS MUST BE LIFTED BY THE ENDS AND SUITABLE FIBER STRIPS MUST BE USED. **CANTON ANCHOR** LIFTERS WILL BE PROVIDED TO PC UNITS WHERE REQUIRED AND CANTON UNITS 42 ON O.A. LIFT OUT PLAN.
- A PRECAMBER OF APPROXIMATELY LENGTH 930 (+/- 25%) CAN BE EXPECTED ON ALL PRESTRESSED FLOORING UNITS.

REV	DATE	BY	DESCRIPTION
A	29.04.16	DD	FOR INFORMATION ONLY

DWG STATUS: **FOR INFORMATION**

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TITLE: **HOLLOW CORE DATA SHEET**

DRAWING: **150mm HEAVY PROFILE**

SCALE: **NTS** DATE: **29.04.16** REV: **NC: A**

DRAWN BY: **SS** CHECKED: **SS** DRAWING NO: **150H**

ORANMORE PRECAST LTD 2012