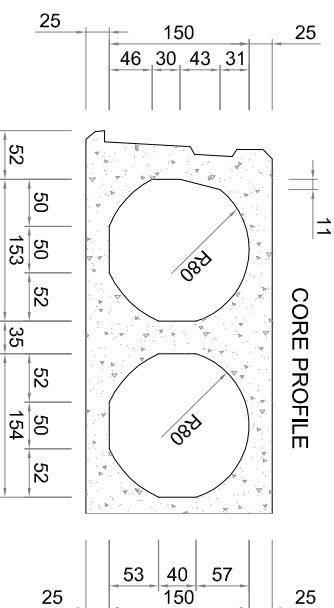
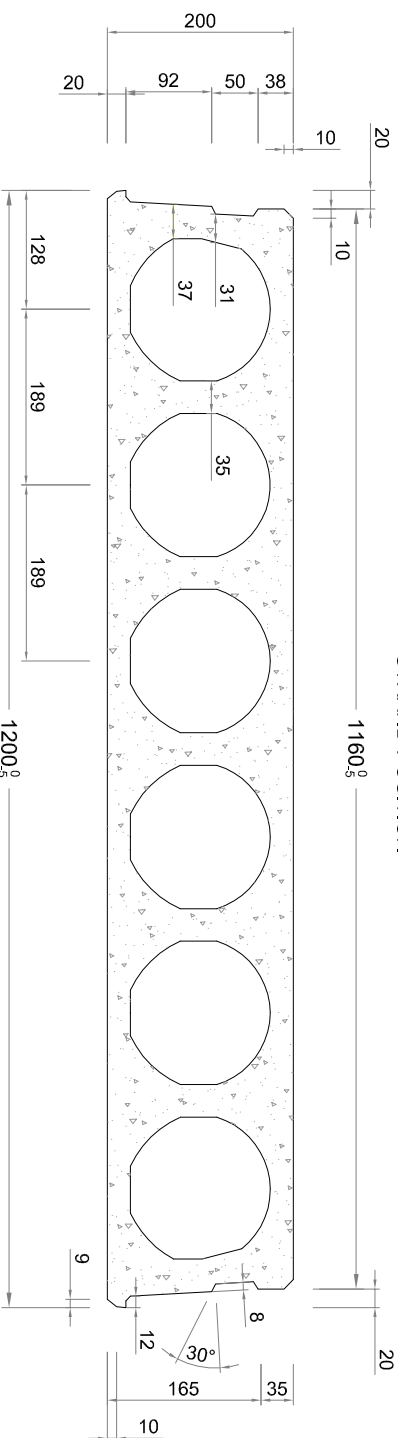
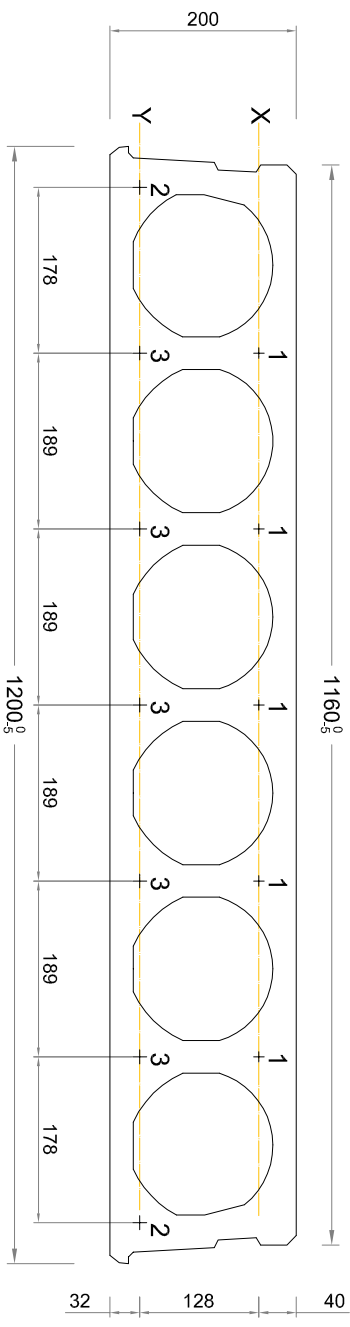



ORANMORE PRECAST LTD HC FLOOR NOTES:

- ALL UNITS TO BE DESIGNED, MANUFACTURED & ERRECTED IN ACCORDANCE WITH BS8110 & EN198.
- CONCRETE GRADE C40/50 STRAND COVER DURABILITY MODERATE FIRE RESISTANCE SURFACE FINISH TO SOFFIT TYPE A DESIGN SERVICE/USEABILITY CLASS 2
- 25mm 100
- SERVICE OPENINGS** - PREFORMED 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 AVOID DAMAGING THE STRAND SLAB OR BEARING STRANDS. LARGER OPENINGS SHOULD BE CONSULTED WITH ORANMORE PRECAST LTD. DESIGN OFFICE. STEEL TRIMMER FINISHES CAN BE SUPPLIED FOR LARGE OPENINGS WHERE REQUIRED.
- BEARING UNITS** ARE TO BE LAID ON A LEVEL BEARING OF NOT LESS THAN 100mm. BEARING UNITS FOR 75mm ON STEEL OR TO CONCRETE LEVEL BEARING SURFACES & MUST BE ERRECTED IN GOOD TIME & BE SUITABLY CURED BEFORE INSTALLATION OF HC UNITS. THE DESIGN OF THE SUPPORTING ELEMENTS IS THE RESPONSIBILITY OF THE ARCHITECT. BEARING UNITS MUST BE ERRECTED IN THE CORRECT POSITION & MUST BE PUT IN PLACE WHERE SIDE BEARING OCCURS IN ORDER TO TRANSMIT EXCESS LOADINGS ONTO 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 INTO THE JOINT FROM THE TOP. THE UNITS MUST BE ERRECTED AND FINISHED WITH BEARING STRAYS CONCENTRATED LOAD.
- CUTTING OF UNITS** - UNDER NO CIRCUMSTANCES SHOULD UNITS BE CUT WITHOUT FIRSTLY 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 MUST BE LIFTED AT THE ENDS. UNITS MUST BE ERRECTED ON SUITABLE FIBER STRIPS MUST BE USED. **CANTILEVER ANCHOR** LIFTERS WILL BE PROVIDED TO PC UNITS WHERE REQUIRED AND CANTILEVER UNITS ON G/LAN OUT PLAN.
- A PRECAMBER OF APPROXIMATELY LENGTH 900 (+/- 25%) CAN BE ERRECTED ON ALL PRESSURED FLOORING UNITS.



HOLLOWCORE SLAB FOR FLOOR
200mm high - 6 holes (extruder technology)
UNIT PROFILE

UNIT DETAILS	
CROSS SECTION AREA m ²	0.121277
WEIGHT kg/m ²	242
WEIGHT kg/m	292
VOLID/SOLID RATIO	43%
STRAND DETAILS	
Level	Strand Position
X	1
Y	2 - 3
Strand Diameter	
9.3mm	
(Pos. 2 suggested 9.3mm)	

REV	DATE	BY	DESCRIPTION
A	29.04.16	DD	FOR INFORMATION ONLY
DWG STATUS: FOR INFORMATION			
 <p>ORANMORE PRECAST Mutton Road, Weeting, Norfolk, IP27 0PL Phone: 01 842 819588 Email: info@oranmoreprecast.com</p>			
TITLE: HOLLOWCORE DATA SHEET			
DRAWING: 200mm STANDARD PROFILE			
SCALE:	DATE:	REV/NO:	
NTS	29.04.16	A	
DRAWN BY:	CHECKED:	DRAWING NO:	
DD	SS	2005	
ORANMORE PRECAST LTD 2012			