



HOLLOWCORE LAYOUT PLAN

SCALE 1:50

HC UNIT LOADINGS	
• WALL LOADINGS	
DEAD LOAD (Unfactored) 100mm BLOCKWORK	= 0.0 KN/m
• FLOOR LOADINGS	
IMPOSED LOAD (Unfactored) FLOOR LOADING	= 4.0 KN/m ²
DEAD LOAD (Unfactored)	
SELF WEIGHT OF 150mm UNITS = (included in design sheet)	
75mm STRUCTURAL SCREED = 1.80 KN/m ²	
CEILING/SERVICES/FINISHES = 0.5 KN/m ²	

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTS AND ENGINEERING DRAWINGS.
 - UNITS DESIGN: FOR A DETAILED CHECKING OF THE HC DESIGN THE CLIENT'S CONSULTING ENGINEER SHALL SUBMIT TO MOYLOUGH CONCRETE DESIGN OFFICE ANY LOADS TO BE TRANSFERRED TO THE HC UNITS. THESE INCLUDE UDL'S BOTH DEAD & LIVE LOADS (KN/m²), LINE LOADS FOR WALL (KN/m), & POINT LOADS (KN)
 - ALL CHANGES TO LOADING ARE TO BE DISCUSSED WITH THIS OFFICE.

- THE UNITS ARE NOT TO BE CUT OR DRILLED WITHOUT APPROVAL FROM THIS OFFICE.
- ALL INSITU CONCRETE BY MAIN CONTRACTOR.
- BEARING:- UNITS TO BE LAID ON A LEVEL BEARING
 - A - 100mm MIN. ON BLOCK WORK
 - B - 75mm MIN. ON CONCRETE OR STEEL.
- WHERE THERE IS STEEL FRAMEWORK OVER FLOORED LEVEL THERE IS TO BE CLEAR ACCESS, I.E. ALL OBSTRUCTIONS SUCH AS OVERHEAD PURLINS TIES AND BRACING MUST BE REMOVED.
- ALL SLABS ARE MANUFACTURED WITH A PRECAMBER OF APPROXIMATELY 1/300. ALLOWANCES SHOULD BE MADE FOR THIS IN FINISHES AND FINISHED FLOOR LEVELS.

Moylough Concrete accept no responsibility for damage to 100mm walls (215mm walls recommended as load bearing walls)

REV	DATE	DESCRIPTION
A	00.00.06	FIRST ISSUE

PROPOSAL DWG.

FOR APPROVAL

STRAND:	12@9.3
HC UNITS:	150mm
STRUCTURAL SCREED:	YES 75mm
1. HANGERS:	N/A
2. HANGERS:	N/A
3. HANGERS:	N/A
1. RSJ BEAMS:	N/A
2. RSJ BEAMS:	N/A
3. RSJ BEAMS:	N/A
STEEL ANGLE:	N/A
STAIRS REF:	N/A

Fergus Murphy

Bushypark

JobID :50C

MARK	No.	Length	Width	Notches	Holes	O. Cores	Rebates	Solid Ends	Splay Lengths	Depth	Steel	
1	3	5715	1205							150	12 No. 9.3mm	
4	1	6200	1205							150	12 No. 9.3mm	
5	1	6200	300							150	12 No. 9.3mm	
6	1	6200	1205							150	12 No. 9.3mm	
7	1	5715	1205							150	12 No. 9.3mm	
8	1	5760	1205							150	12 No. 9.3mm	
9	1	5760	1205							150	12 No. 9.3mm	
Total No.										Linear M	Square M	Cubic M
Moylough 1202 x 150 x 2.92 kN/m										52.98	58.18	5.99
Unit Alterations:												
Splay Cuts:										0		
Solid Ends:										0.00		
Rebated Ends:										0		
Open Cores:										0		
Notches/Holes:										3		
Ripped Slabs:										1		



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CLIENT	Fergus Murphy
PROJECT	PRESTRESSED HC UNITS
TITLE	FLOOR LAYOUT PLAN AT Bushypark
SCALE	AS SHOWN
DRAWN BY	DMcG
CHECKED	DMcG
DATE	12.11.13
DRAWING NO.	50C