



HOLLOWCORE LAYOUT PLAN
SCALE 1:75

PROPOSAL DWG.

FOR APPROVAL

| | |
|--------------------|--------|
| STRAND: | 10@9.3 |
| HC UNITS: | 150mm |
| STRUCTURAL SCREED: | NO |
| 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 | | JobID :13C | | | | | | | | | |
|-------------------|-----|------------------------|-------|-----------|-------|----------|---------|------------|---------------|---------|--------------|
| MARK | No. | Length | Width | Notches | Holes | O. Cores | Rebates | Solid Ends | Splay Lengths | Depth | Steel |
| 1 | 2 | 5055 | 1205 | | | | | Y | | 150 | 10 No. 9.3mm |
| 2 | 1 | 5055 | 590 | | | | | Y | | 150 | 10 No. 9.3mm |
| 3 | 1 | 5055 | 1205 | | | | | Y | 490 | 150 | 10 No. 9.3mm |
| 4 | 1 | 4155 | 1205 | | | | | Y | | 150 | 10 No. 9.3mm |
| 5 | 4 | 1940 | 1205 | | | | | Y | | 150 | 10 No. 9.3mm |
| 6 | 4 | 5030 | 1205 | | | | | Y | | 150 | 10 No. 9.3mm |
| 7 | 1 | 5030 | 410 | | | | | Y | | 150 | 10 No. 9.3mm |
| 8 | 1 | 5030 | 895 | | | | | Y | | 150 | 10 No. 9.3mm |
| Unit Size | | 1202 x 150 x 2.92 kN/m | | Total No. | 15 | Linear M | 62.31 | Square M | 65.95 | Cubic M | 6.79 |
| Unit Alterations: | | | | | | | | | | | |
| Splay Cuts: | | 2 | | | | | | | | | |
| Solid Ends: | | 99 | | | | | | | | | |
| Rebated Ends: | | 0 | | | | | | | | | |
| Open Cores: | | 0 | | | | | | | | | |
| Notches/Holes: | | 0 | | | | | | | | | |
| Ripped Slabs: | | 3 | | | | | | | | | |

| HC UNIT LOADINGS | |
|---|-------------------------|
| • WALL LOADINGS | |
| DEAD LOAD (Unfactored) | = 0.0 KN/m |
| 100mm BLOCKWORK | |
| • FLOOR LOADINGS | |
| IMPOSED LOAD (Unfactored) | = 2.0 KN/m ² |
| FLOOR FINISHES | |
| DEAD LOAD (Unfactored) | |
| SELF WEIGHT OF 150mm UNITS = (Included in design sheet) | |
| 75mm NON-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 CLIENTS 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.

| REV | DATE | DESCRIPTION |
|-----|----------|-------------|
| A | | FIRST ISSUE |
| A | 00.00.06 | |

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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 | 17.09.13 |
| DRAWING NO. | 13C |