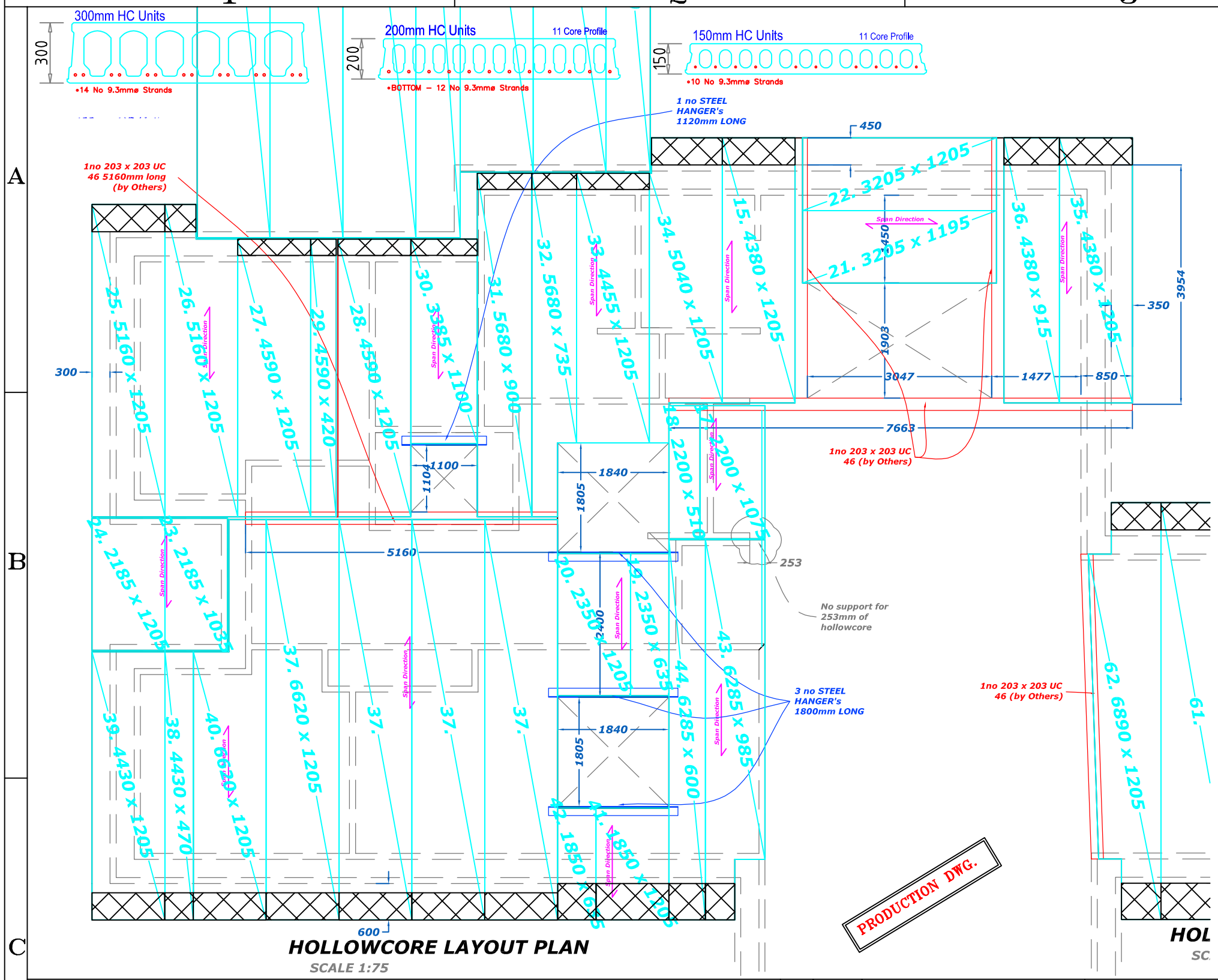

HC UNIT LOADINGS

- WALL LOADINGS
  - DEAD LOAD (Unfactored)
    100mm BLOCKWORK = 7.5 KN/m
- FLOOR LOADINGS
  - IMPOSED LOAD (Unfactored)
    FLOOR LOADING = 3.5 KN/m²
  - DEAD LOAD (Unfactored)
    SELF WEIGHT OF 150mm UNITS = (Included In design sheet)
    75mm STRUCTURAL SCREED =(Included In design sheet)
    CEILING/SERVICES/FINISHES = 0.5 KN/m²

STRAND:	10@9.3
HC UNITS:	150mm
STRUCTURAL SCREED:	YES 75mm
1. HANGERS:	1no @ 1120mm
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

QR–37 | CK'D

Fergus Murphy

Bushypark — **JobID :28C**

MARK	No.	Length	Width	Notches	Holes	O. Cores	Rebates	Solid Ends	Splay Lengths	Depth	Steel
15	1	4385	1205							150	10 No. 9.3mm
17	1	2200	1075							150	10 No. 9.3mm
18	1	2200	510							150	10 No. 9.3mm
19	1	2350	635							150	10 No. 9.3mm
20	1	2350	1205							150	10 No. 9.3mm
21	1	3205	1195							150	10 No. 9.3mm
22	1	3205	1205							150	10 No. 9.3mm
23	1	2185	1035							150	10 No. 9.3mm
24	1	2185	1205							150	10 No. 9.3mm
25	1	5160	1205					Y		150	10 No. 9.3mm
26	1	5160	1205	1				Y		150	10 No. 9.3mm
27	1	4590	1205							150	10 No. 9.3mm
28	1	4590	1205							150	10 No. 9.3mm
29	1	4590	420							150	10 No. 9.3mm
30	1	3385	1100							150	10 No. 9.3mm
31	1	5680	900							150	10 No. 9.3mm
32	1	5680	735	1						150	10 No. 9.3mm
33	1	4455	1205							150	10 No. 9.3mm
34	1	5040	1205	2						150	10 No. 9.3mm
35	1	4380	1205							150	10 No. 9.3mm
36	1	4380	915							150	10 No. 9.3mm
37	4	6620	1205							150	10 No. 9.3mm
38	1	4430	470							150	10 No. 9.3mm
39	1	4430	1205							150	10 No. 9.3mm
40	1	6620	1205	1						150	10 No. 9.3mm
41	1	1850	1205							150	10 No. 9.3mm
42	1	1850	635							150	10 No. 9.3mm
43	1	6285	985	1						150	10 No. 9.3mm
44	1	6285	600							150	10 No. 9.3mm

Unit Size	Total No.	Linear M	Square M	Cubic M
Moylough 1202 x 150 x 2.92 kN/m	32	139.59	142.43	13.53
Unit Alterations:				
Splay Cuts:	0	0.00		
Solid Ends:	22	31.90		
Rebated Ends:	0	0.00		
Open Cores:	0	0.00		
Notches/Holes:	6			
Ripped Slabs:	13	51.50		

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTS AND ENGINEERING DRAWINGS.
2. 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)
3. ALL CHANGES TO LOADING ARE TO BE DISCUSSED WITH THIS OFFICE.
4. THE UNITS ARE NOT TO BE CUT OR DRILLED WITHOUT APPROVAL FROM THIS OFFICE.
5. ALL INSITU CONCRETE BY MAIN CONTRACTOR.
6. BEARING:- UNITS TO BE LAID ON A LEVEL BEARING
   A - 100mm MIN. ON BLOCK WORK.
   B - 75mm MIN. ON CONCRETE OR STEEL.
7. 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.
8. ALL SLABS ARE MANUFACTURED WITH A PRECAMBER OF APPROXIMATELY L/300. ALLOWENCES 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		FIRST ISSUE
A	00.00.'06	

Moylough Concrete Products Ltd.
CLOONASCRAGH, ATHENRY Rd.,
TUAM, Co. GALWAY.
Reg. No. 108
Tel: 093 28800
Fax: 093 28818
E-Mail: info@moyloughconcrete.com
Website: www.moyloughconcrete.com

CLIENT	Fergus Murphy
PROJECT	PRESTRESSED HC UNITS
TITLE	FLOOR LAYOUT PLAN AT Bushypark
SCALE	AS SHOWN
DATE	10.10.'13
DRAWN BY.	DMcG
Checked	DMcG
DRAWING NO.	28C