Date	26.08.21	28.09.21	07.10.21	07.10.21	19.06.24	06.03.25						
Issue	1	2	3	4	5	6						

Drawing Number	Document Title	Scale	Paper Size	Revision														
100	Garden Studio - Ground Floor Plan	1:50	A3	P1	T1	T2	Т3	T4	-									
101	Garden Studio - Storage Mezzanine	1:50	A3	P1								Omi	ittec	1				
102	Garden Studio - Roof Plan	1:50	A3	P1	T1	-	-	-										
200	Structural Details	1:20	A3	P1	T1	-	Т3	-	T4									
-	Structural Specification	-	A4	А	-	-	-	-	-									
-	Structural Calculations	-	A4	-	А	-	-	-	-									

### Distribution Issue (E denotes electronic issue)

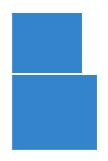
Veta ATHÉ DESIGN LTD		П	Е	Е	Е									
Revision prefixes:	P — Preliminary			т	Tax			`~ ~ ~	+	tion	•	D	Do.	core

Revision pretixes:	P — Preliminary	T — Tender	C — Construction	R — Record
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Title:		Issue:
Document Register		4
Project:		Job No:
9 Parsifal Road		6908
Ву:	Sheet:	Date:
AK	1 of 1	18.01.22



All cutouts to be cleanly disc cut using non percussive hand tools. Beams and lintels to be tightly dry packed into position

Unhatched walls are non-load bearing and are to be constructed to Architect's specification

U.N.O. All steelwork is to be grade S355, including plates and connections. Refer to Structural Specification

U.N.O. All bolts to be Grade 8.8

WP =  $100 \times 100 \times 10.0$  SHS Windpost

<u>Ultimate Pile load</u>	ings:
P1 - 55kN	P10 - 65kN
P2 - 70kN	P11 - 55kN
P3 - 95kN	P12 -70kN
P4 - 70kN	P13 - 95kN
P5 - 55kN	P14 - 70kN
P6 - 65kN	P15 - 55kN
P7 - 70kN	P16 - 65kN
P8 - 75kN	P17 - 75kN
P9 - 55kN	P18 - 65kN

New cavity walls:

Outer leaf = 100mm thick brickwork to
Architect's specification with class (iii) mortar.

Inner leaf = 100mm thick 3.6N/mm<sup>2</sup> blockwork with class (iii) mortar.

All masonry to be frost resistant below DPC

Denotes new 325x325 mm 20.0N/mm<sup>2</sup>
Fletton brickwork pier with class (ii) mortar.
All masonry to be frost resistant below DPC

Pro	Proposed Steelwork Schedule							
Ref.	Serial Size							
UC2	152 x 152 x 30 UC							
UC3	152 x 152 x 37 UC							

NOTE: Contractor, in conjunction with Arboricultural consultant, to dig and review trial holes to ascertain root locations before proceeding with piled foundation. Contractor to notify Blue Engineering if roots are found clashing with proposed pile location. Pile locations to be reviewed on site with regard to existing root locations and relocated as necessary.

## BLUE Engineering

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#### DO NOT SCALE FROM THIS DRAWING

All dimensions to be verified on site before commencing work. All error and omissions are to be reported to the Engineer. This drawing is to be read in conjunction with all relevant Design Team drawings and specifications

#### Drawing History

Rev	Date	Description	Drawn	Checked
P1	26.08.21	For Comment	AK	MC
T1	28.09.21	For Tender	AK	MC
T2	07.10.21	For Tender	AK	MC
Т3	18.01.22	For Tender	AK	MC
T4	19.06.24	For Tender	TPE	-

New CEMEX Beam and Block floor - Condition A 155mm deep beams at 520mm centres. 100mm thick concrete blocks (maximum density =  $1900 \text{kg/m}^3$ ). Maximum span = 3800 mm for garage loading  $(2.5 \text{kN/m}^2)$ 

Windpost to be concealed within the cavity of the new masonry wall and fixed down to ground beam

Title

Garden Studio Ground Floor Plan

Project

9 Parsifal Road, NW6 1UG

Client

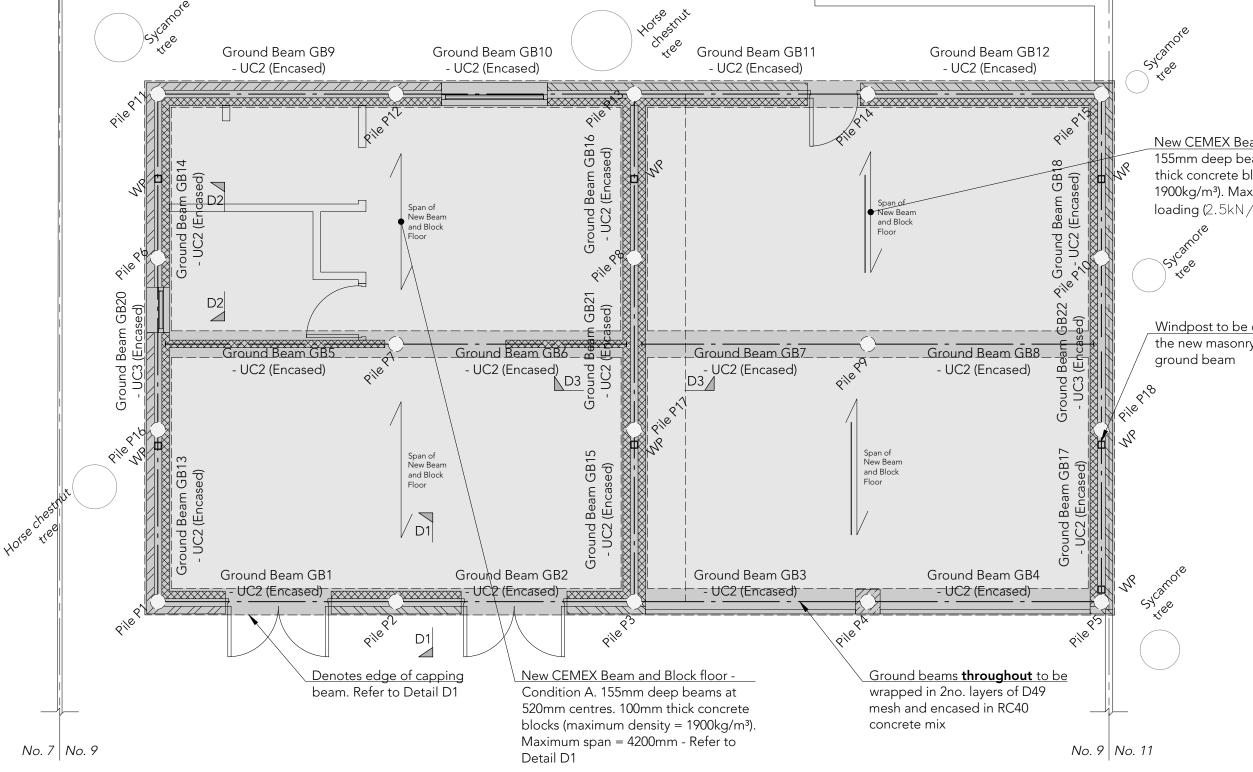
Dana and Matt Baldwin

Job No

6908

Drawing No 100

Revision Scale T4 1:50 at A3



All cutouts to be cleanly disc cut using non percussive hand tools. Beams and lintels to be tightly dry packed into position

U.N.O. All steelwork is to be grade \$355, including plates and connections. Refer to Structural Specification

U.N.O. Steelwork to steelwork connections to be via 10mm thick end plates with 6mm full face fillet weld fixed into web of opposing beam using 4no. M16 bolts

U.N.O. All bolts to be Grade 8.8

Proposed Steelwork Schedule

Ref. Serial Size

UC3 152 x 152 x 37 UC

Lintel Schedule: L1: CG90/100

All lintels to have minimum 150mm bearing and be tightly dry packed into position

Padstone Schedule:

P1:  $300 \times 100 \times 15$ mm thick steel plate

All padstones to be tightly dry packed into position

Indicates line of structure under

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ENG	INEERING	

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Rev	Date	Description	Drawn	Checked
P1	26.08.21	For Comment	AK	MC
T1	28.09.21	For Tender	AK	MC

Lintel L1 Lintel L1 Span of New Span of New Rafters Rafters Lintel L1 Beam RB1 - UC3 Beam RB2 - UC3 Span of New Rafters Span of New Rafters Lintel L1 Lintel L1 Lintel L1 Lintel L1 No. 9 No. 11

Tiella

Garden Studio Roof Plan

Project

9 Parsifal Road, NW6 1UG

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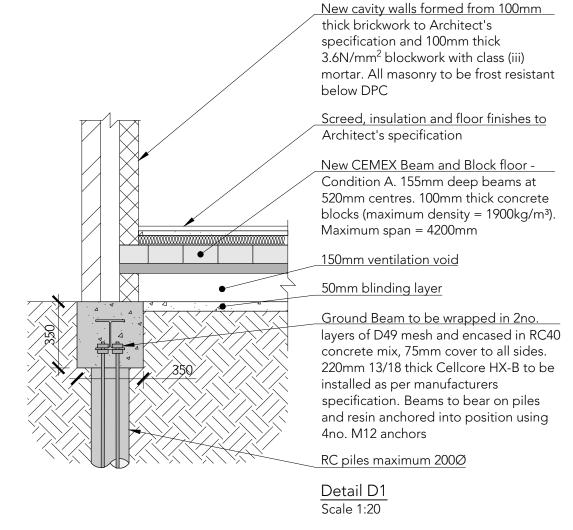
Dana and Matt Baldwin

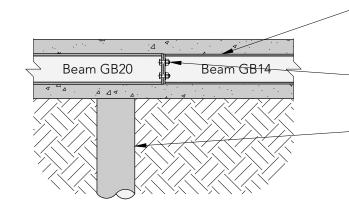
Job No. 6908

Drawing No.

Revision T1

1:50 at A3





Ground Beam to be wrapped in 2no.

layers of D49 mesh and encased in RC40 concrete mix, 75mm cover to all sides

12mm steel endplates with 4no. M16 bolts

RC piles maximum 200Ø

Detail D2 Scale 1:20

Beam GB6 Beam GB7 layers concre

Ground Beam to be wrapped in 2no.

layers of D49 mesh and encased in RC40 concrete mix, 75mm cover to all sides

10mm steel endplates with 4no. M16 bolts

Detail D3 Scale 1:20

# BLUE Engineering

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### Drawing History

Rev	Date	Description	Drawn	Checked
P1	26.08.21	For Comment	AK	MC
T1	28.09.21	For Tender	AK	MC
T3	18.01.22	For Tender	AK	MC
T4	06.03.25	For Tender	AB	TPE

Title Structural Details

Project

9 Parsifal Road, NW6 1UG

Client

Dana and Matt Baldwin

Job No. 6908

7700

Drawing No 200

Revision T4

1:20 at A3

C <