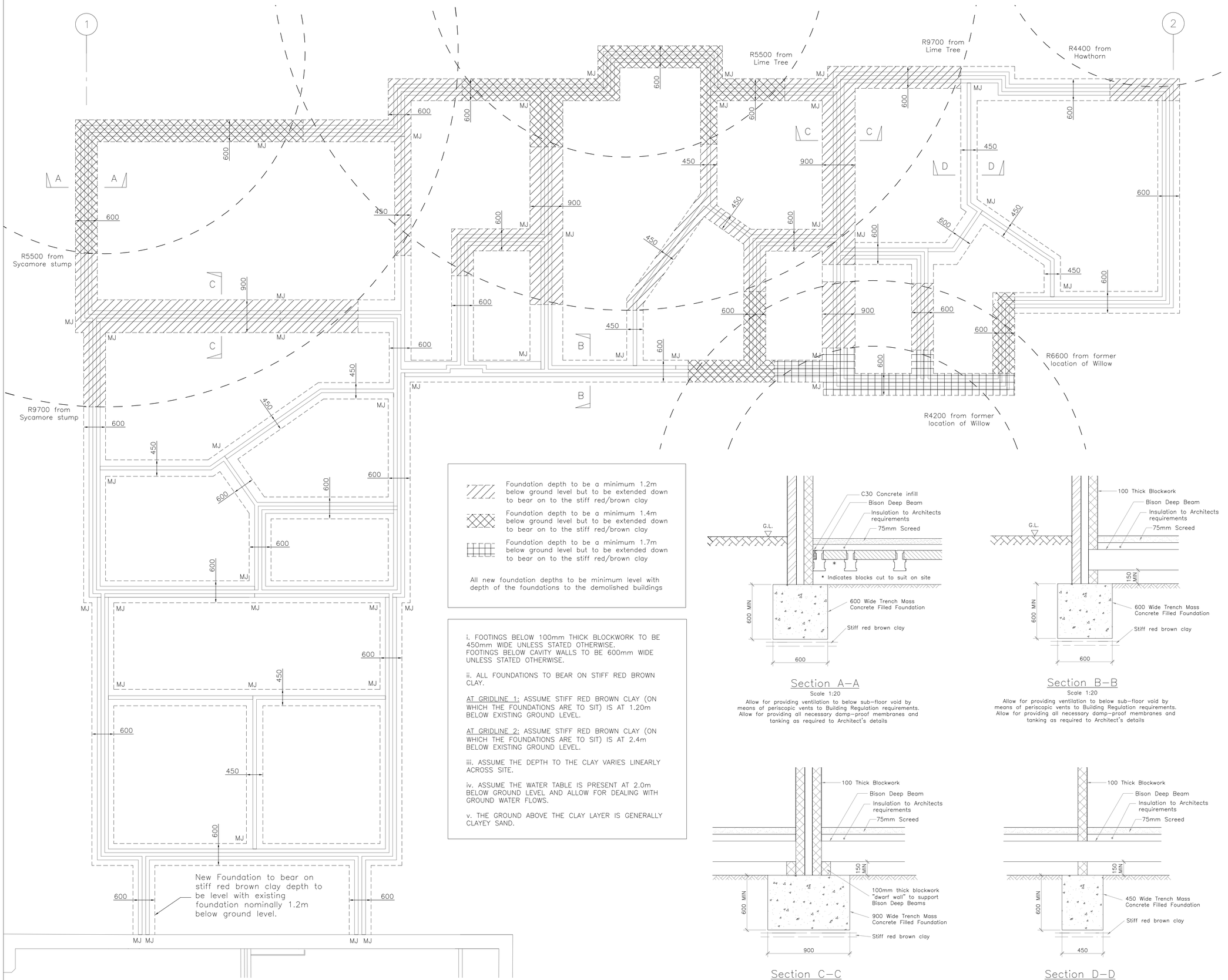

Foundation depth to be a minimum 1.2m below ground level but to be extended down to bear on to the stiff red/brown clay

Foundation depth to be a minimum 1.4m below ground level but to be extended down to bear on to the stiff red/brown clay

Foundation depth to be a minimum 1.7m below ground level but to be extended down to bear on to the stiff red/brown clay

All new foundation depths to be minimum level with depth of the foundations to the demolished buildings

i. FOOTINGS BELOW 100mm THICK BLOCKWORK TO BE 450mm WIDE UNLESS STATED OTHERWISE. FOOTINGS BELOW CAVITY WALLS TO BE 600mm WIDE UNLESS STATED OTHERWISE.

ii. ALL FOUNDATIONS TO BEAR ON STIFF RED BROWN CLAY.

AT GRIDLINE 1: ASSUME STIFF RED BROWN CLAY (ON WHICH THE FOUNDATIONS ARE TO SIT) IS AT 1.20m BELOW EXISTING GROUND LEVEL.

AT GRIDLINE 2: ASSUME STIFF RED BROWN CLAY (ON WHICH THE FOUNDATIONS ARE TO SIT) IS AT 2.4m BELOW EXISTING GROUND LEVEL.

iii. ASSUME THE DEPTH TO THE CLAY VARIES LINEARLY ACROSS SITE.

iv. ASSUME THE WATER TABLE IS PRESENT AT 2.0m BELOW GROUND LEVEL AND ALLOW FOR DEALING WITH GROUND WATER FLOWS.

v. THE GROUND ABOVE THE CLAY LAYER IS GENERALLY CLAYEY SAND.

Section A–A

Scale 1:20

Allow for providing ventilation to below sub–floor void by means of periscopic vents to Building Regulation requirements. Allow for providing all necessary damp–proof membranes and tanking as required to Architect's details

Section B–B

Scale 1:20

Allow for providing ventilation to below sub–floor void by means of periscopic vents to Building Regulation requirements. Allow for providing all necessary damp–proof membranes and tanking as required to Architect's details

Section C–C

Scale 1:20

Allow for providing ventilation to below sub–floor void by means of periscopic vents to Building Regulation requirements. Allow for providing all necessary damp–proof membranes and tanking as required to Architect's details

Section D–D

Scale 1:20

Allow for providing ventilation to below sub–floor void by means of periscopic vents to Building Regulation requirements. Allow for providing all necessary damp–proof membranes and tanking as required to Architect's details

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.

2. ALL CONCRETE MATERIALS TO BE IN ACCORDANCE WITH BS.8500–1:2002, BS.8000–2.1:1990. ALL CONCRETE CONSTRUCTION TO BE IN ACCORDANCE WITH BS.8110–1:1997.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXECUTION OF THE WORKS IN ACCORDANCE WITH THE DRAWINGS AND THE SPECIFICATION AND FOR THE ACCURACY OF ALL DIMENSIONS AND SETTING OUT ON SITE.

4. CEMENT TO BE CEM1 TO BS.8500–2:2002.

5. ALL CONCRETE TO BE GRADE C35 WITH A MINIMUM CEMENT CONTENT OF 300kg/m^3 AND A MAXIMUM FREE WATER/CEMENT RATIO OF 0.60.

6. THE FOUNDATIONS GENERALLY HAVE BEEN DESIGNED TO LIMIT THE INCREASED LOADING ON THE FORMATION TO 200kN/m^2 NET.

7. WHERE IT IS NECESSARY TO EXCAVATE BELOW THE DESIGN MINIMUM FOUNDATION DEPTH TO REACH AN APPROVED BEARING STRATUM THE RESULTING VOID IS TO BE BACK FILLED IN MASS CONCRETE.

8. FOUNDATIONS ARE TO BE CAST AGAINST UNDISTURBED SIDES OF EXCAVATION OR SHUTTERING AS APPROPRIATE TO THE DESIGN SIZE.

9. BACK FILLING IS TO BE PLACED AND COMPACTED EQUALLY ON BOTH SIDES OF THE SUBSTRUCTURE WALLS.

10. TRENCH FILL FOUNDATIONS ARE TO BE POSITIONED CENTRALLY UNDER WALLS OVER, UNLESS STATED OTHERWISE.

11. UNLESS NOTED OTHERWISE THE CONCRETE GRADES ARE:

LOCATION	GRADE
BLINDING	C20
MASS CONCRETE FILL	C30
TRENCH FILL FOOTINGS	C30
RC BASES & RET. WALL	C35
GROUND FLOOR SLAB	C35

NOLAN ASSOCIATES

APPROVED CONSTRUCTION DRAWING

REV	DESCRIPTION	BY	CHKD	DATE
C1	Updated to suit latest Architects layouts. Issue for Construction.	CR	RB	25.07.06