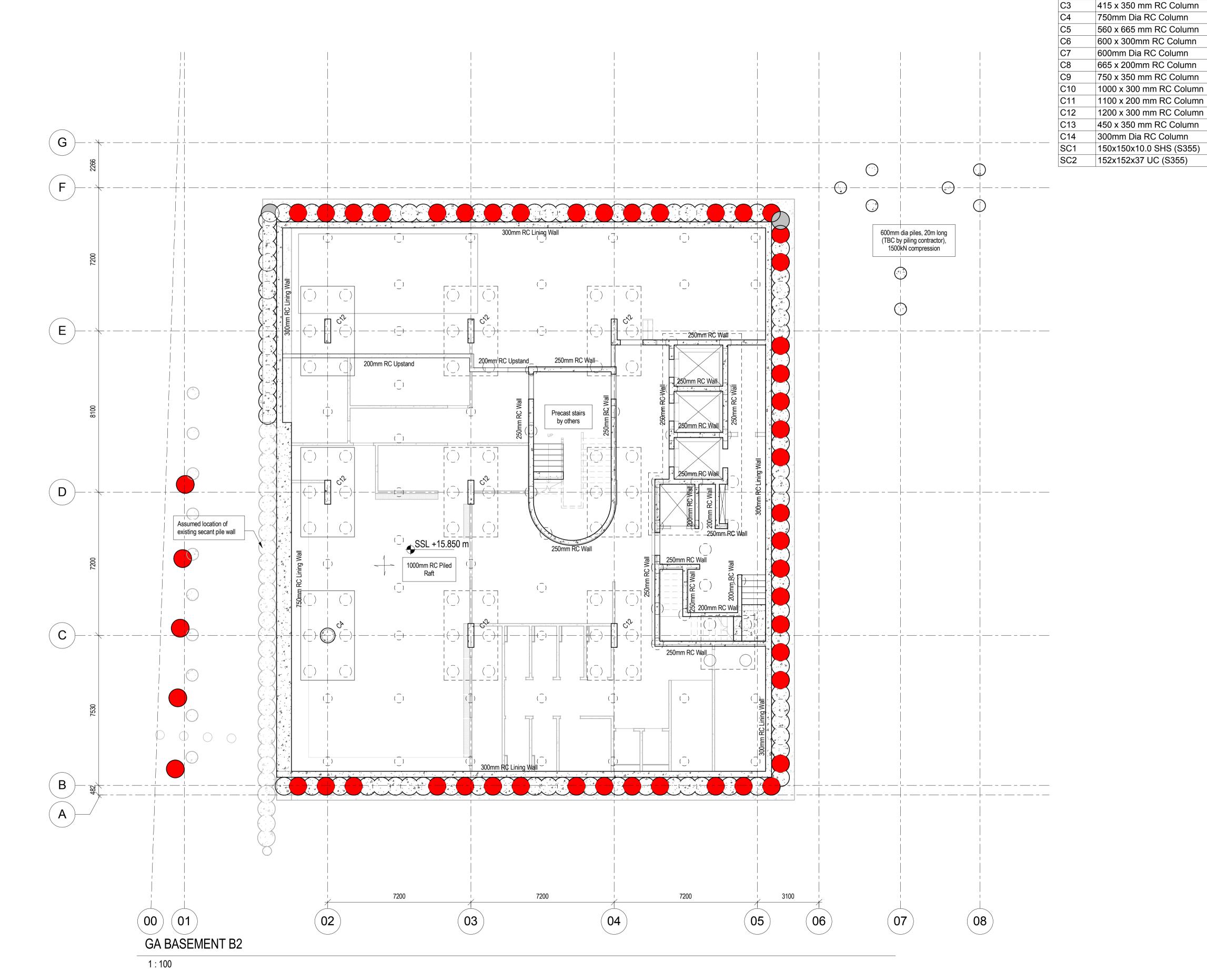
C This drawing is the copyright of Curtins Consulting Ltd



NOTES:

version R0

This drawing is to be read in conjunction with all relevant Architects and Engineers drawings, details and specifications.

Do not scale this drawing. All details and dimensions are to be checked by the contractor and fabricator onsite prior to commencement of construction/fabrication. Any discrepancies are to be reported to the Engineer. Any existing dimensions noted on this drawing are to be checked by the

Any ambiguities, omissions and errors on the drawings, shall be brought to the

- construction/fabrication. Any discrepancies are to be reported to the Engineer. Any existing dimensions noted on this drawing are to be checked by the contractor prior to commencement of works.
- All dimensions are in millimetres unless noted otherwise.

Engineers attention immediately.

- 5. All works to be carried out in accordance with the relevant British Standards, Codes of Practice and Building Practice.
- 6. Contractor to ascertain the location of all services on site prior to starting any excavations works and report and potential problems immediately.
- Piles under columns/walls to be 600mm dia piles. Compression capacity 1500kN.

 Pile length 20m /TBC by the Piling Specialist). For temporary conditions, piles
- Pile length 20m (TBC by the Piling Specialist). For temporary conditions, piles should be designed as anchor piles under (-)750kN tension.

Approx. 41No additional tension/compression piles. Tension load (-)750kN,

compression load (+)400kN. Estimated active pile length 13m (TBC by the Piling

- Pile caps under the columns 6 piles pile cap, 2.7m x 4.5m x 1.5m deep.
- Anti-heave material for overburden to be provided to underside of B-2 slab and pile caps as follows:
 Cordek CP30/40 underside 1000mm deep piled raft

Cordek CC40/50 - underside 1500mm deep pile caps

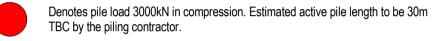
11. Concrete materials:

COLUMN SCHEDULE

400 x 350 mm RC Column

MARK TYPE

- Piles AC-3s, DS4, RC28/35 Pile Caps - AC-3s, DS4, RC35/40 Piled Raft - AC-3s, DS4, RC35/40 RC Columns - RC40/50 RC Walls - RC40/50
- 12. Based on a SI report, the <u>risk of potential UXB is moderate to high</u>.
- Secant piles 900mm diameter. Pile loads 1000kN in compression UNO and 500kN in tension. Estimated active pile length to be 20m TBC by the piling contractor.



Secant pile wall with alternate male/female piles. Female piles toe @ +13.850.

P1 Rev:	Preliminary Issue - Issued for Costing Description:	20/04/15 Date:	AL	SS Chkd:
P2	Preliminary Issue - Issued for Costing	30/04/15	AL	SS
S1	Stage 3 Issue	14/05/15	AL	SS



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Status:

STAGE 3

Project:

UCL - NEW STUDENT CENTRE

Drg T

GA BASEMENT LEVEL -2

Scale:	Size:	First Issue:	Drawn:	Checked:
1:100	A1	28/01/2015	AL	SS
Drg No:				Rev: