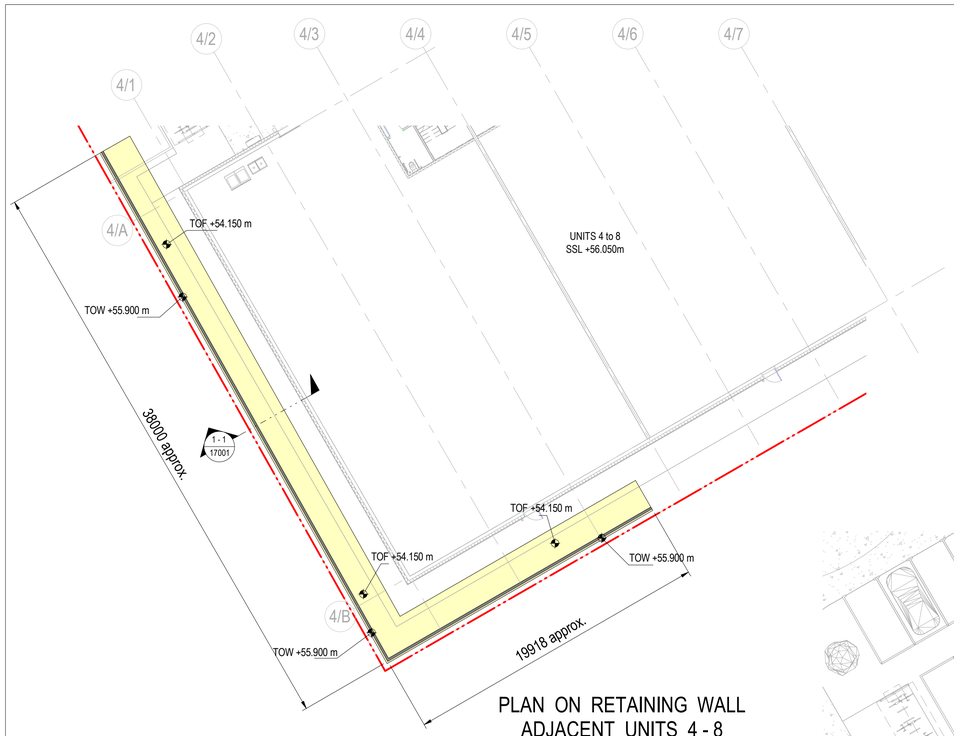
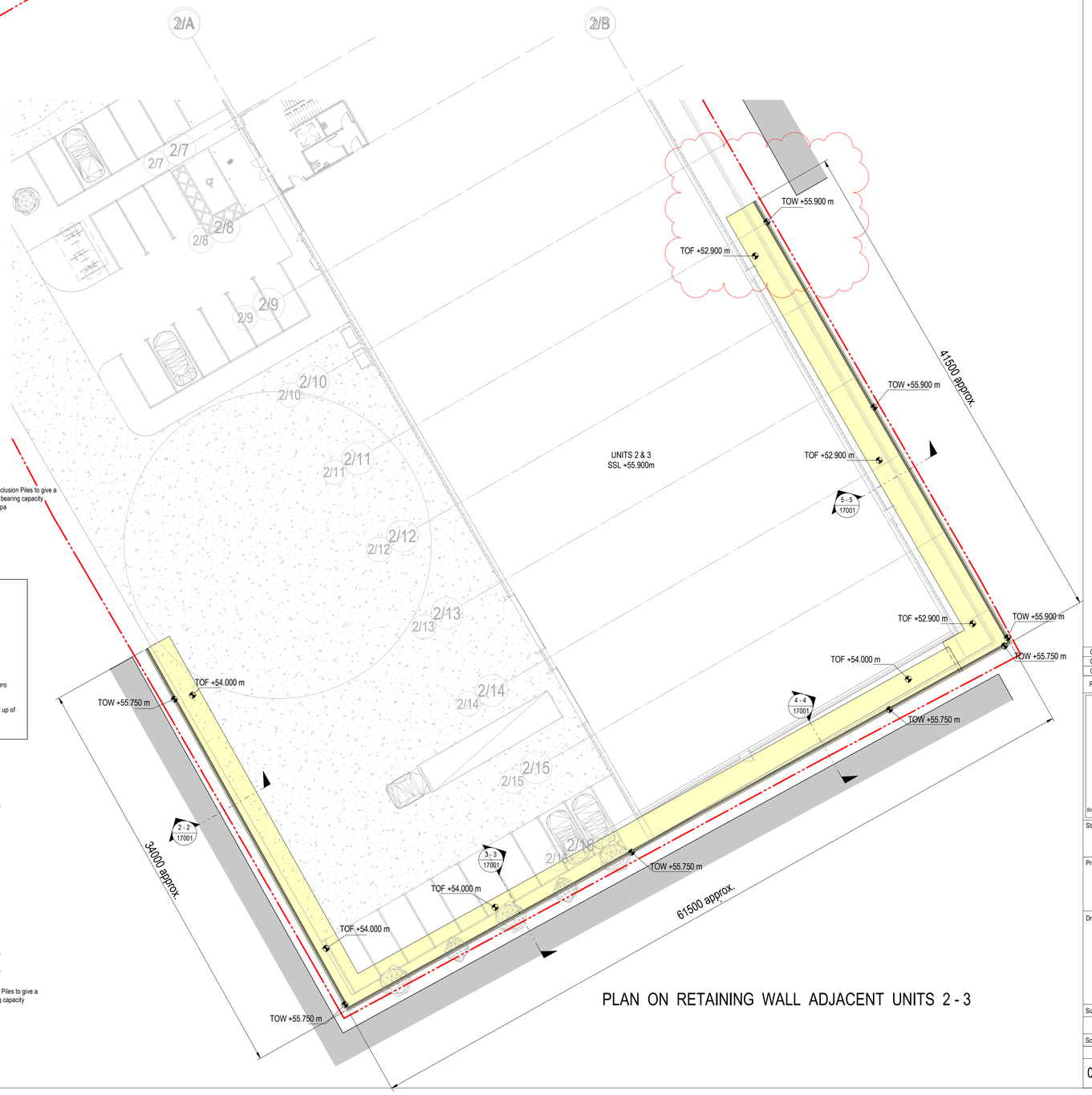
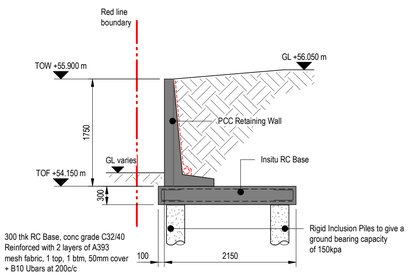


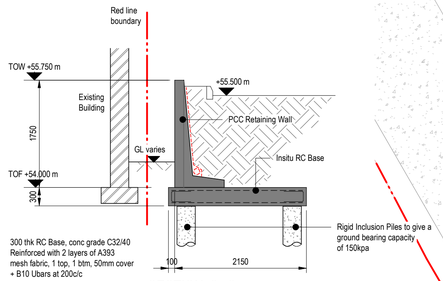
PLAN ON RETAINING WALL
ADJACENT UNITS 4 - 8



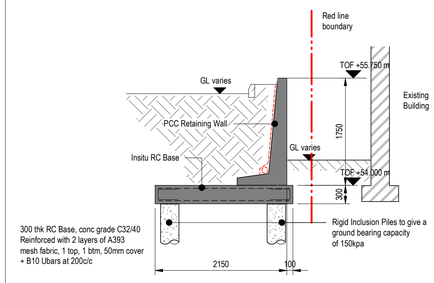
PLAN ON RETAINING WALL ADJACENT UNITS 2 - 3



SECTION 1 - 1



SECTION 2 - 2



SECTION 3 - 3

Retaining Wall Notes:

1.0 The typical arrangement shown has been designed assuming the following:

1.1 Class 6N engineering fill parameters

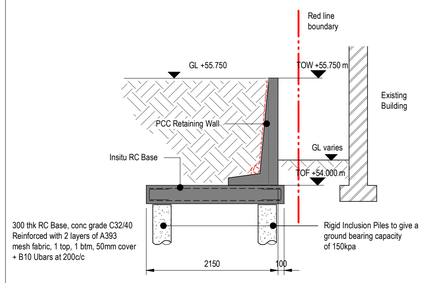
1.1.1. Bulk Weight Density; 18kN/m³
1.1.2. Saturated Weight Density; 21kN/m³
1.1.3. Cohesion; Cohesionless
1.1.4. Effective Angle of Internal Friction; 36°
1.1.5. Angle of Friction Structure-Soil; 18°

1.2. Variable Actions:

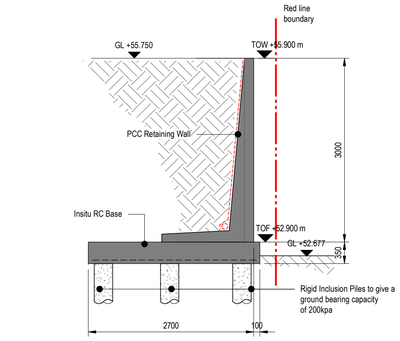
1.2.1. Surcharge; 20kN/m²

1.3 Retaining Wall Constraints:

1.3.1. The angle of the ground in front and behind the retaining wall is assumed to be flat, at zero degrees.
1.3.2. The backfilled 6N material is to be compacted in maximum 300mm layers.
1.3.3. Geocomposite drain to be installed adjacent to face of retaining wall to prevent any build up of hydrostatic pressure on wall.
1.3.3. Weep holes to be at maximum 450mm centres



SECTION 4 - 4



350 thk RC Base, conc grade C32/40
Reinforced with 1 layer of B785
mesh fabric, btm 50mm cover
(10mm dia bars at 100c/c to be placed
in the short direction)

SECTION 5 - 5

WORK IN PROGRESS (CONSTRUCTION)

THIS DRAWING IS BASED UPON THE AVAILABLE CONSULTANT DESIGN TEAM INFORMATION AS OF 13.07.23. AS SUCH THE INFORMATION PROVIDED MAY BE SUBJECT TO CHANGE BASED UPON EXTERNAL INFLUENCES THROUGH DESIGN DEVELOPMENT SUCH AS CLIENT BRIEF AND SCOPE CHANGES, M&E SERVICES DESIGN AND B.W.I.C, AND FOLLOWING RECEIPT OF DETAILED DESIGN INFORMATION OF SUB CONTRACTOR DESIGN ELEMENTS. IN RESPECT OF SUB CONTRACTOR DESIGN ELEMENTS, THE CLADDING / CURTAIN WALLING DESIGN, ROOF DESIGN, M&E SERVICES DESIGN, INCLUDING B.W.I.C, THE DESIGN OF PRECAST CONRETE ELEMENTS AND OTHER PROPRIETY FRAME COMPONENTS ALL HABE AN INTERFACE WITH THE PRIMARY FRAME STRUCTURE. IF THIS DRAWING IS USED FOR CONTRUCTION PURPOSES IN ADVANCE OF FINAL SUB CONRACTOR DETAILS FOR THESE ELEMENTS, THEN THE MAIN CONTRACTOR ACKNOWLEDGES THE RISK OF VARIATIONS TO THE FRAME DETAILS IN RESPONSE TO SUCH DESIGN INFORMATION AND ACCEPTS THE RESPONSIBILITY FOR THE CONSEQUENCES THEREOF.

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING.

Rev:	Description:	Date:	By:	Chkd:
C03	EXTENT OF WALL CLARIFIED	13.07.23	PM	BA
C02	WALL SETTING OUT REVISED TO SUIT LATEST INFORMATION	07.07.23	PM	BA
C01	CONSTRUCTION ISSUE	06.07.23	PM	BA

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Status:
CONSTRUCTION

Project:
ELIZABETH STREET, CHEETHAM HILL
MANCHESTER

Drg Title:
General Arrangement to External Retaining Walls

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	June 2023	PMIlne	BA	VC

Scale: As indicated

Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:
080139	CUR	ZZ	ZZ	DR	S	17001	C03

Model Name:XXXXXX-CUR-ZZ-XX-M3-S-00001