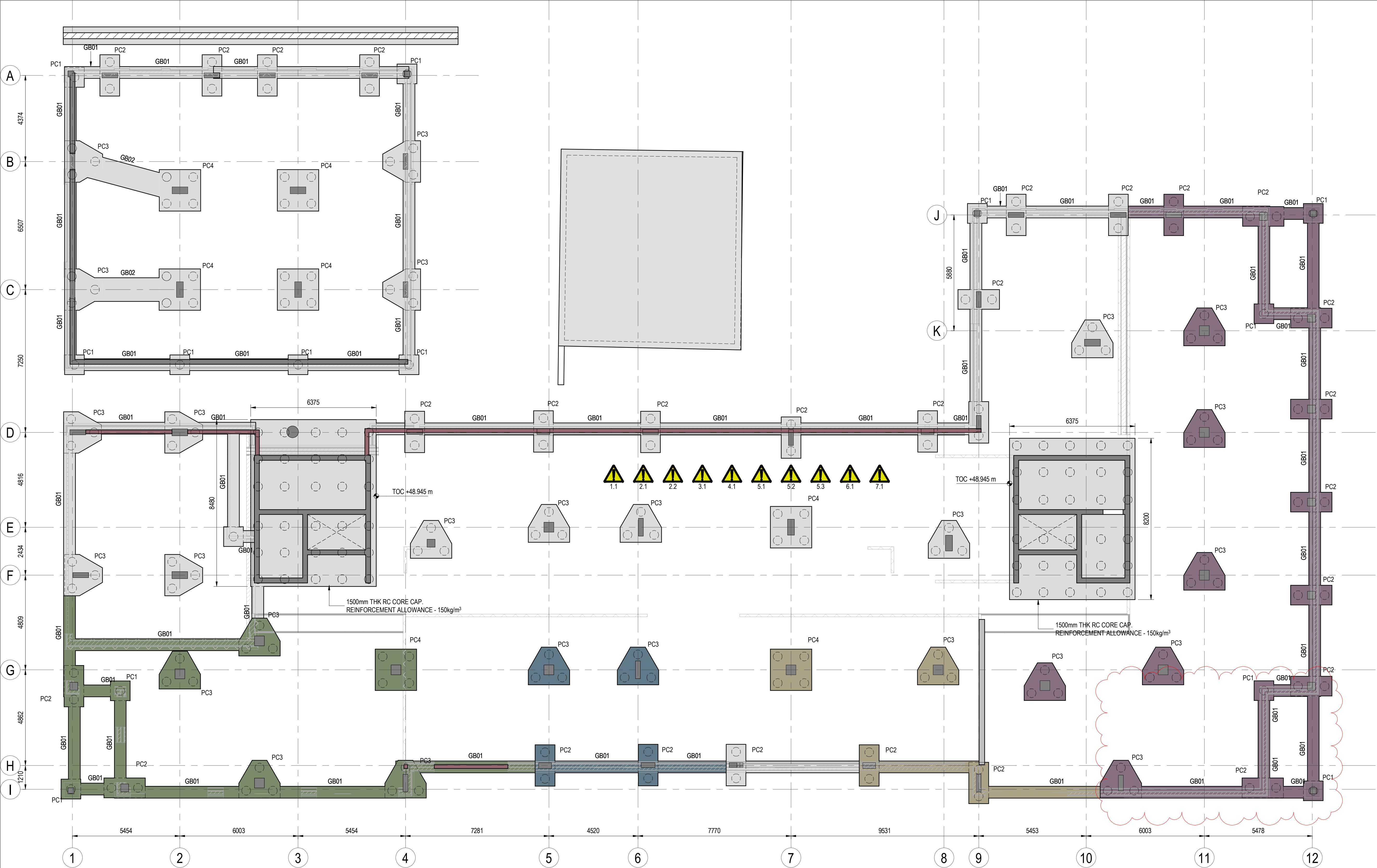




FOUNDATION GENERAL
ARRANGEMENT
SCALE: 1 : 100

FOUNDATION DESIGN BASED ON 4500IA PILES SUPPORTING THE
FOLLOWING LOADS:
VERTICAL SWL = 1250kN
HORIZONTAL SWL = 75kN

CONCRETE GRADE FOR GROUND BEAMS AND PILE CAPS TO BE RC32/40
50mm GEN1 BLINDING TO BE PROVIDED UNDER GROUND BEAMS
SULPHATE ASSESSMENT (TAKEN FROM E3P SITE INVESTIGATION DATED FEB 2020)
DS-2, AC-1s REQUIRING SUBSTRUCTURE CONCRETE DESIGNED FOR DC-1

GROUND BEAM KEY			
TYPE MARK	DIMENSIONS (mm)		REINFORCEMENT ALLOWANCE (kg/m²)
	D	B	
GB01	600	600	150kg/m²
GB02	1200	1200	200kg/m²

FOUNDATION LEVEL SCHEDULE U.N.O.	
REF	LEVEL
	+49.095 TBC
	+49.245 TBC
	+49.395 TBC
	+49.470 TBC
	+49.545 TBC

PILECAP SCHEDULE				
TYPE MARK	LENGTH	WIDTH	THICKNESS	REINFORCEMENT ALLOWANCE (kg/m²)
PC1	1000	1000	1200	125kg/m²
PC2	2100	1000	1200	125kg/m²
PC3	2100	750	1200	125kg/m²
PC4	2100	2100	1200	125kg/m²

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- 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.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- FOR GENERAL NOTES REFER TO DRAWING.

T04	FOUNDATION/SSL LEVELS AMENDED	05.07.22	CB	VC
T03	ANNOTATION TOC & SSL UPDATES	20.09.21	GL	LRA
T02	ADDITIONAL SECTIONS, FOR TENDER	31.08.21	RL	VC
T01	FOR TENDER	02.07.21	SW	VC
P02	UPDATED STAGE 3 ISSUE - COLUMN POSITIONS AMENDED	14.05.21	SW	VC
P01	STAGE 3 ISSUE	11.01.21	SW	VC
Rev:	Description:	Date:	By:	Chkd:



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Status: STAGE 3

Project: BACK OF ANCOATS - ELIZA YARD

Dwg Title: FOUNDATION GENERAL ARRANGEMENT

Project No: 076740
Size: A1
Date: DEC 20
Drawn By: GM
Designed By: VC
Checked By: VC

Project Code: 9033 - CUR - XX - FN - DR - S - (04)000 - T04
Originator: Volume: Level: Type: Role: Category / Number: Rev: