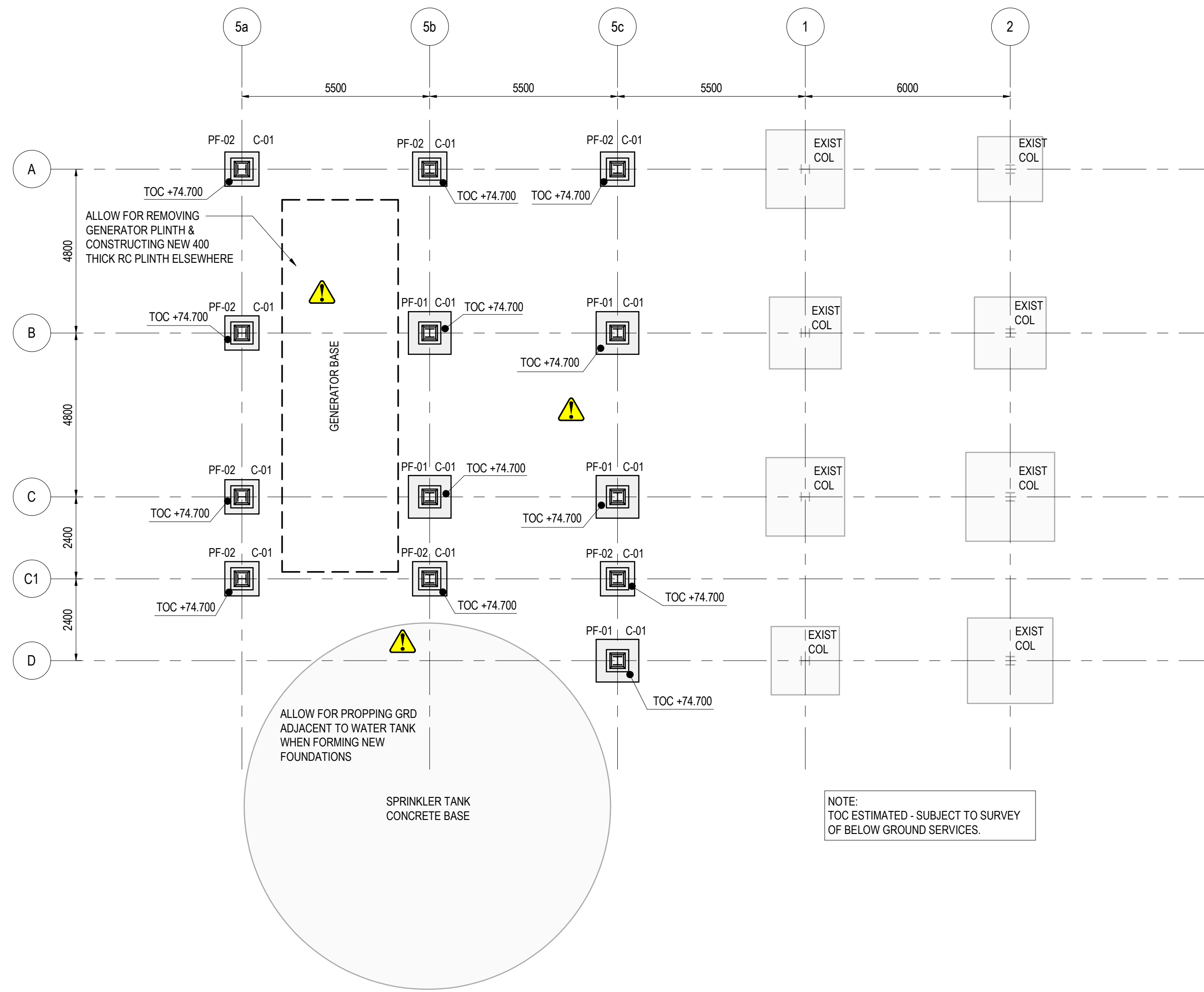


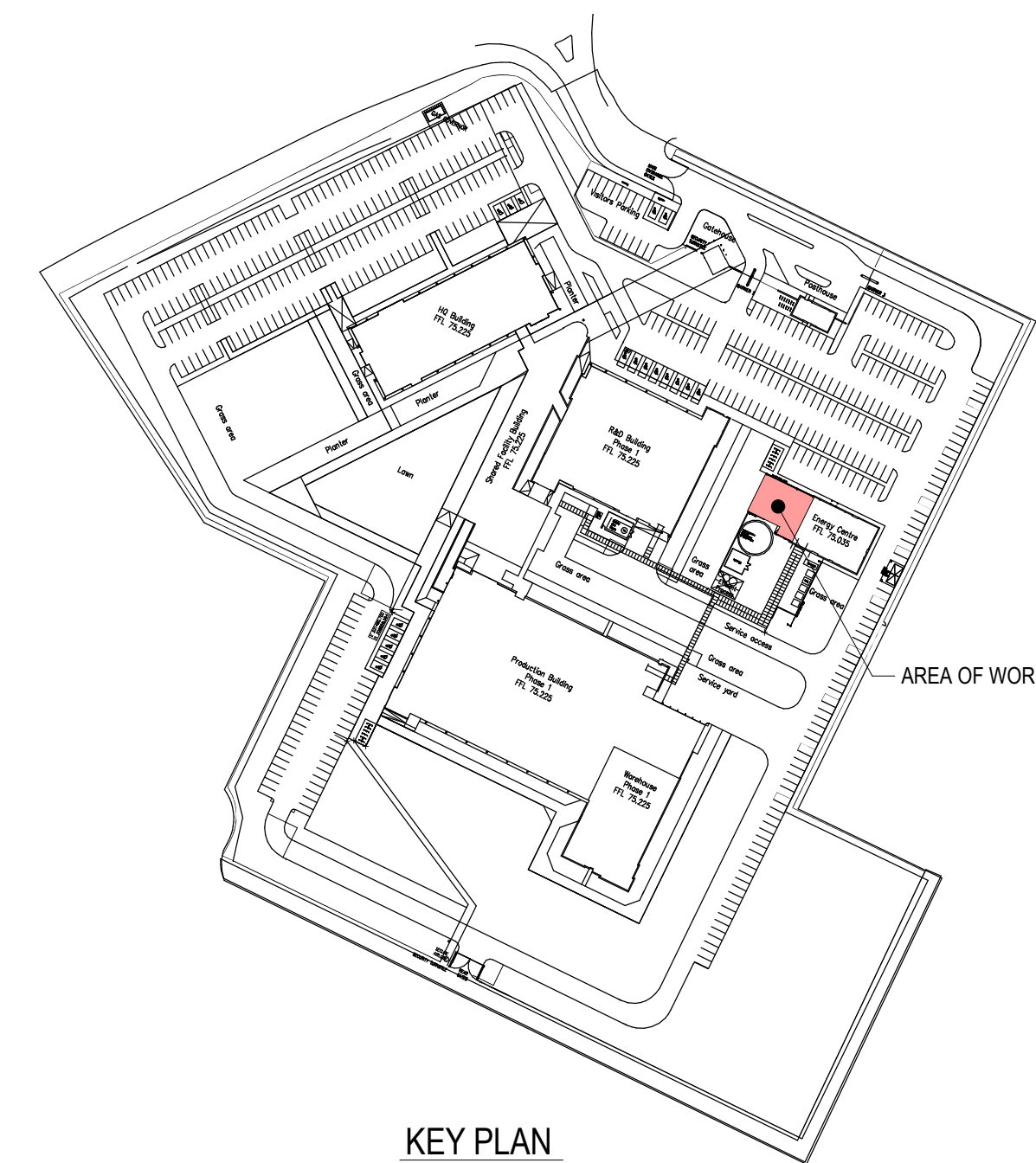


NOTE:
BURIED SERVICES, READ IN
CONJUNCTION WITH DRAWING 1001.



1000 / 1 FOUNDATION LAYOUT
SCALE 1 : 100

NOTE:
TOC ESTIMATED - SUBJECT TO SURVEY
OF BELOW GROUND SERVICES.



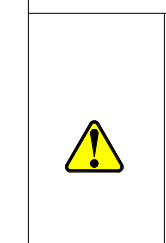
KEY PLAN
1 : 2000

PAD FOUNDATION SCHEDULE				
REF	No. OF THUS	WIDTH[mm]	LENGTH[mm]	DEPTH[mm]
PF-01	5	1250	1250	900
PF-02	8	1000	1000	900

STEEL COLUMN SCHEDULE - GF/1st FL					
TYPE MARK	SIZE	F _x	F _y	F _z	REMARKS
C-01	UC254x254x73	10.00 kN	25.00 kN	400.00 kN	

SAFETY, HEALTH AND ENVIRONMENTAL RISK ASSESSMENT

RISK	STAGE	MITIGATION MEASURES
BURIED SERVICES	CONSTRUCTION	EXACT DETAILS OF BURIED SERVICES UNKNOWN IN AREA OF NEW FOUNDATIONS. ANY EXCAVATIONS TO BE CARRIED OUT WITH CARE. EXCAVATE BY HAND WHERE IN DOUBT. MAY REQUIRE AMENDMENT TO FOUNDATION DESIGN
DEEP EXCAVATIONS	CONSTRUCTION	EXCAVATIONS ARE TO BE SHORED AND DE-WATERED AS REQUIRED.
EXISTING FOUNDATIONS	CONSTRUCTION	PROP EXCAVATIONS CLOSE TO EXISTING FOUNDATIONS TO AVOID UNDERMINING
EXCAVATION WITH HV CABLES	CONSTRUCTION	TAKE CARE WHEN EXCAVATING DUE TO LIVE SERVICES



DESIGNER'S NOTE - CDM (2015) REGULATION 11.
THE FOLLOWING ARE SIGNIFICANT HAZARDS WHICH MIGHT AFFECT THE HEALTH & SAFETY OF THOSE UNDERTAKING THE WORKS OUTLINED IN THESE DRAWINGS OR THOSE AFFECTED BY THESE ACTIVITIES. REFER TO VERTEX ENGINEERS' SITE SPECIFIC RISK ASSESSMENT PRIOR TO COMMENCING ANY PART OF THE WORKS.

NOTES

- 1.0 GENERAL**
- THE COPYRIGHT OF THIS DRAWING IS VESTED IN VERTEX ENGINEERS AND IT MAY NOT BE REPRODUCED IN WHOLE OR PART, OR USED FOR THE MANUFACTURE OF ANY ARTICLE WITHOUT THE EXPRESS PERMISSION OF THE COPYRIGHT HOLDERS.
 - WORK TO FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS AND VERTEX ENGINEERS' DRAWINGS AND SPECIFICATIONS.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
- 2.0 FOUNDATIONS**
- CONTRACTOR TO REMOVE ALL SOFT SPOTS AND REPLACE WITH WELL COMPACTED TYPE 2 BEFORE LAYING BLINDING TO ACHIEVE MIN 150kN/m² BEARING CAPACITY.
- 3.0 CONCRETE**
- CONCRETE GRADES:
FOUNDATIONS C30/37
GROUND BEARING SLAB C30/37
 - CASTING OF CONCRETE REFER TO SPEC E10.
- 4.0 STRUCTURAL STEELWORK**
- EXECUTION OF ALL STEEL STRUCTURES MUST BE IN ACCORDANCE WITH BS EN 1090-2 EXECUTION CLASS 2.
 - ALL STEELWORK TO BE GRADE S355 AND GALVANISED U.N.O.
 - CONNECTION DESIGN IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STEEL FABRICATOR IS TO COMPLETE THE DESIGN OF THE CONNECTIONS INCLUDING NEW/EXISTING CONNECTIONS TO SAFELY TRANSFER A MINIMUM SHEAR FACTORED LOAD AS NOTED IN SCHEDULE.
 - AS A MINIMUM ALL CONNECTIONS ARE TO BE 2No. M16/8.8 BOLTS WITH 10mm THICK END PLATES.
 - ALL WELDS TO BE MINIMUM FULL PROFILE 6mm CONTINUOUS FILLET WELD (C.F.W.) UNLESS NOTED OTHERWISE.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE ALL NECESSARY SITE DIMENSIONS FOR FABRICATION PURPOSES.
- 5.0 DRAWING SPECIFIC NOTES**
- PROVIDE TEMPORARY WORKS TO MAINTAIN WEATHER TIGHTNESS OF EXISTING BUILDING DURING THE WORKS.
 - ALLOW FOR DIVERTING EXISTING BELOW GROUND FOUL DRAINAGE, SURFACE WATER DRAINAGE, LV CABLES/DUCTS, MV CABLES/DUCTS AND ANY OTHER BELOW GROUND SERVICES NOT INCLUDED ON THE DRAWING.
- 6.0 COORDINATION DRAWINGS**
- FOR FOUNDATION LAYOUT SHOWING BELOW GROUND SERVICES REFER TO DRAWING 25147-VTX-XX-FN-DR-S-1001.

Rev	Description	By	App. By	Date
P3	REVISED TO SUIT FLOOR GRILLAGE DESIGN	AB	AJH	05/02/2024
P2	CHANGES TO SUIT SERVICES SITE SURVEY.	AB	AJH	15/01/2024
P1	PRELIMINARY	AB	AJH	24/11/2023

Client	JAGUAR
Architect	-

VERTEX ENGINEERS
Structural and Civil Engineers
Project Managers
Principal Designers
Construction Consultants
Party Wall Surveyors

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Project Title	EISAI
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Drawing Title	CHILLER REPLACEMENT FOUNDATION LAYOUT
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Drawing Status	PRELIMINARY
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Drawn By	Date	Checked By	Date	Scale @ A1	Project No.
AB	NOV-23	GA	NOV-23	As indicated	25147

Dwg No.	Revision	Suitability
25147-VTX-XX-FN-DR-S-1000	P3	S3