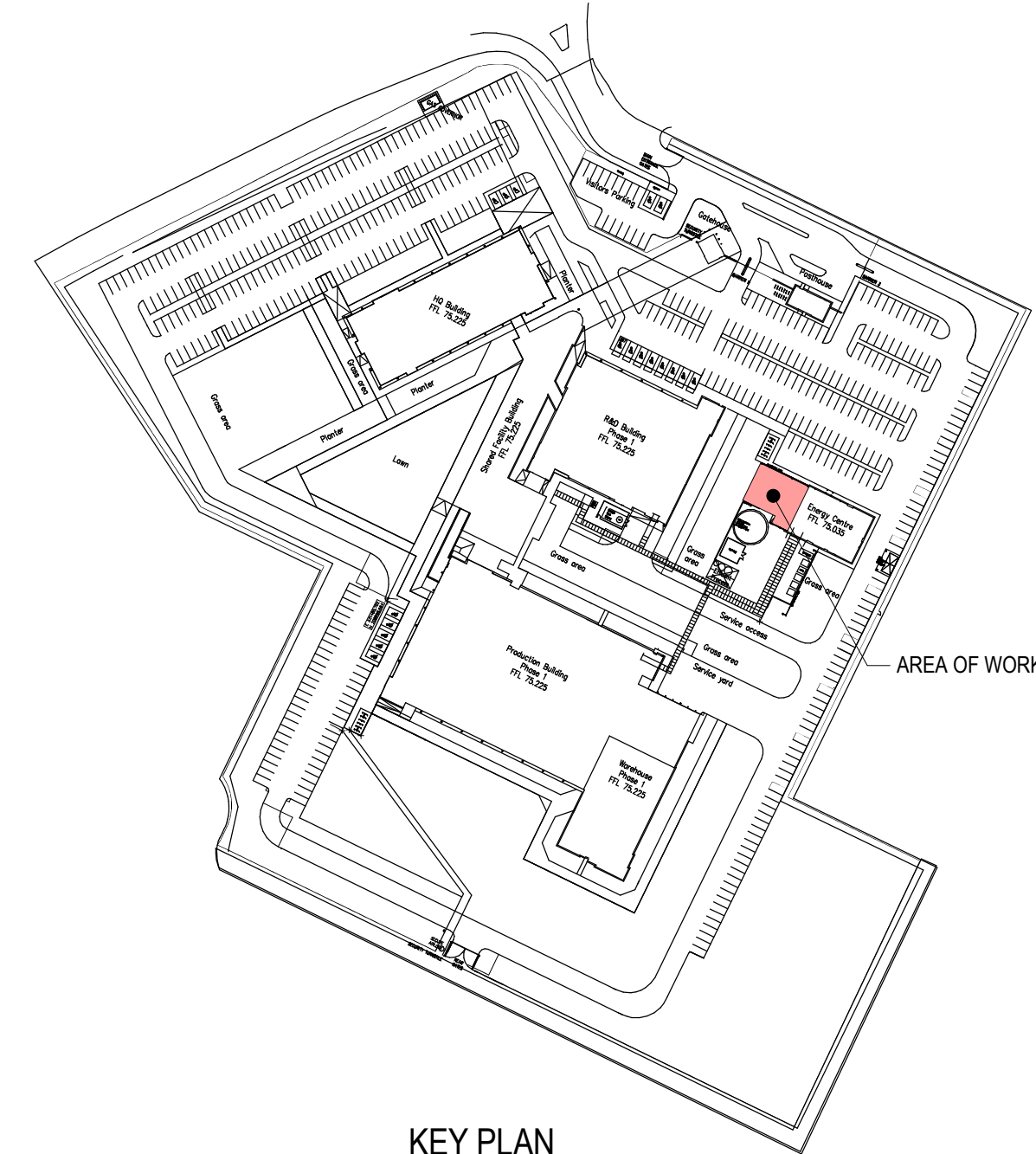


2000 / 1 GROUND FLOOR LEVEL
SCALE 1 : 100



KEY PLAN
1 : 2000

LEGEND:
— IJ — DENOTES ISOLATION JOINT

STEEL COLUMN SCHEDULE - GF/1st FL					
TYPE MARK	SIZE	Fx	Fy	Fz	REMARKS
C-01	UC254x254x73	10.00 kN	25.00 kN	400.00 kN	

STEEL BRACING SCHEDULE					
TYPE MARK	SIZE	Fx(±)	Fy	Fz	REMARKS
BR-01	CHS139.7x6.3	75.00 kN	0.00 kN	0.00 kN	

CONNECTION FORCES LEGEND:
 ± + COMPRESSION, - TENSION
 Fx AXIAL FORCE
 Fy HORIZONTAL SHEAR
 Fz VERTICAL SHEAR
 Mx MOMENT ABOUT 'X' AXIS, TORSION
 My MOMENT ABOUT 'Y' AXIS, MAJOR AXIS MOMENT
 Mz MOMENT ABOUT 'Z' AXIS, MINOR AXIS MOMENT
 NOTE:
 ALL FORCES ARE PROVIDED AT ULS.

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.

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

Rev	Description	By	App. By	Date

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 GROUND FLOOR 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-00-DR-S-2000	P3	S3