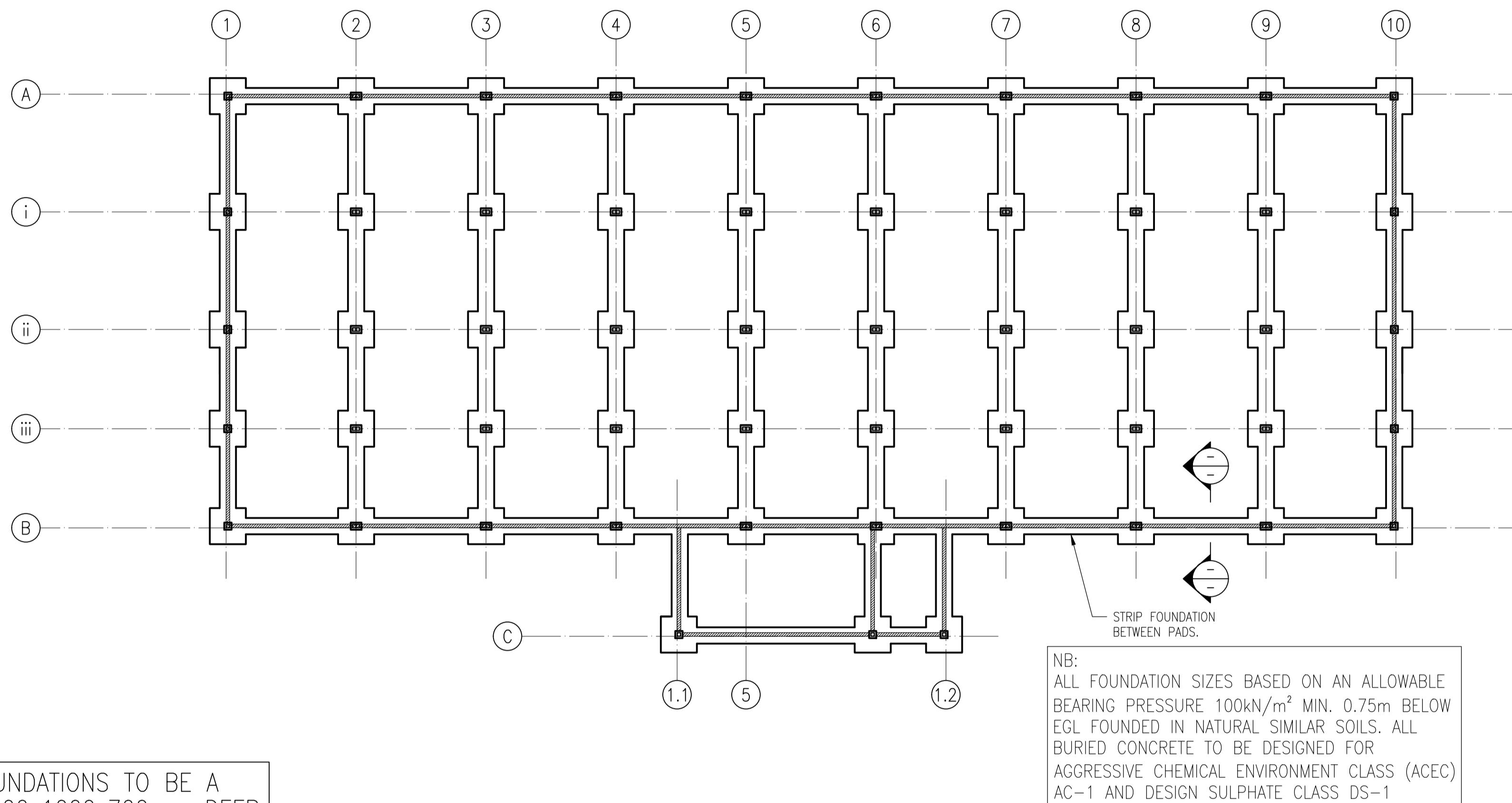


MODULAR UNIT FRAME PERFORMANCE SPECIFICATION

1. SPECIALIST MODULAR SYSTEM MANUFACTURER IS TO DESIGN AND PROVIDE DETAILS FOR THE FOLLOWING ITEMS:
 - a. MODULAR FRAME AND CONNECTIONS, WALL STUDS, ROOF TRUSSES TO SUIT ARCHITECTS DETAILS.
 - b. LINE AND POINT LOAD REACTIONS FROM MODULAR ELEMENTS (EXCLUDING SUBSTRUCTURE)
2. PRIOR TO MANUFACTURE OF ANY MODULAR SYSTEM THE SPECIALIST IS TO SUBMIT FOR APPROVAL TO THE ENGINEER TWO COPIES OF CALCULATIONS AND DRAWINGS, INCLUDING LINE AND POINT LOAD REACTIONS AND SUPPORTING FOUNDATIONS.
3. MODULES ARE TO BE FIXED DOWN TO THE FOUNDATIONS TO WITHSTAND WIND LOADS DETERMINED BY SPECIALIST DESIGNER PARTICULAR TO EACH SITE AND THE BUILDINGS GEOMETRY.
4. LATERAL STABILITY IS TO BE CONSIDERED BY THE SPECIALIST DESIGNER/CONTRACTOR. SWAY DEFLECTIONS SHALL BE LIMITED TO $h/150$ OR $h/300$ DEPENDING ON THE PROPOSED CLADDING, THE LATTER BEING APPLICABLE TO BRITTLE FINISHES SUCH AS MASONRY.
5. TEMPORARY STABILITY IS THE RESPONSIBILITY OF THE SPECIALIST CONTRACTOR.
6. THE FLOORS OF THE MODULES SHALL BE DESIGNED TO SUPPORT THEIR SELF-WEIGHT INCLUDING THAT OF SERVICES AND THE FOLLOWING SUPER IMPOSED LOADS:
 - ALL AREAS 3.0kN/m^2 U.N.O
 - PLANT ROOM 7.5kN/m^2
 DEFLECTION UNDER IMPOSED LOAD SHALL NOT EXCEED $\text{SPAN}/360$.
7. MODULAR FRAME DESIGN SHALL BE IN ACCORDANCE WITH ALL RELEVANT EUROCODES AND NATIONAL ANNEXES, AND IF STEEL SCI PUBLICATION 302 - RESIDENTIAL BUILDING USING MODULAR CONSTRUCTION & SCI PUBLICATION 348 - BUILDING DESIGN USING MODULES.
8. VIBRATION PERFORMANCE OF FIRST FLOOR TO BE SUITABLE FOR DORMITORY USE WITH A MINIMUM NATURAL FREQUENCY OF 5Hz.

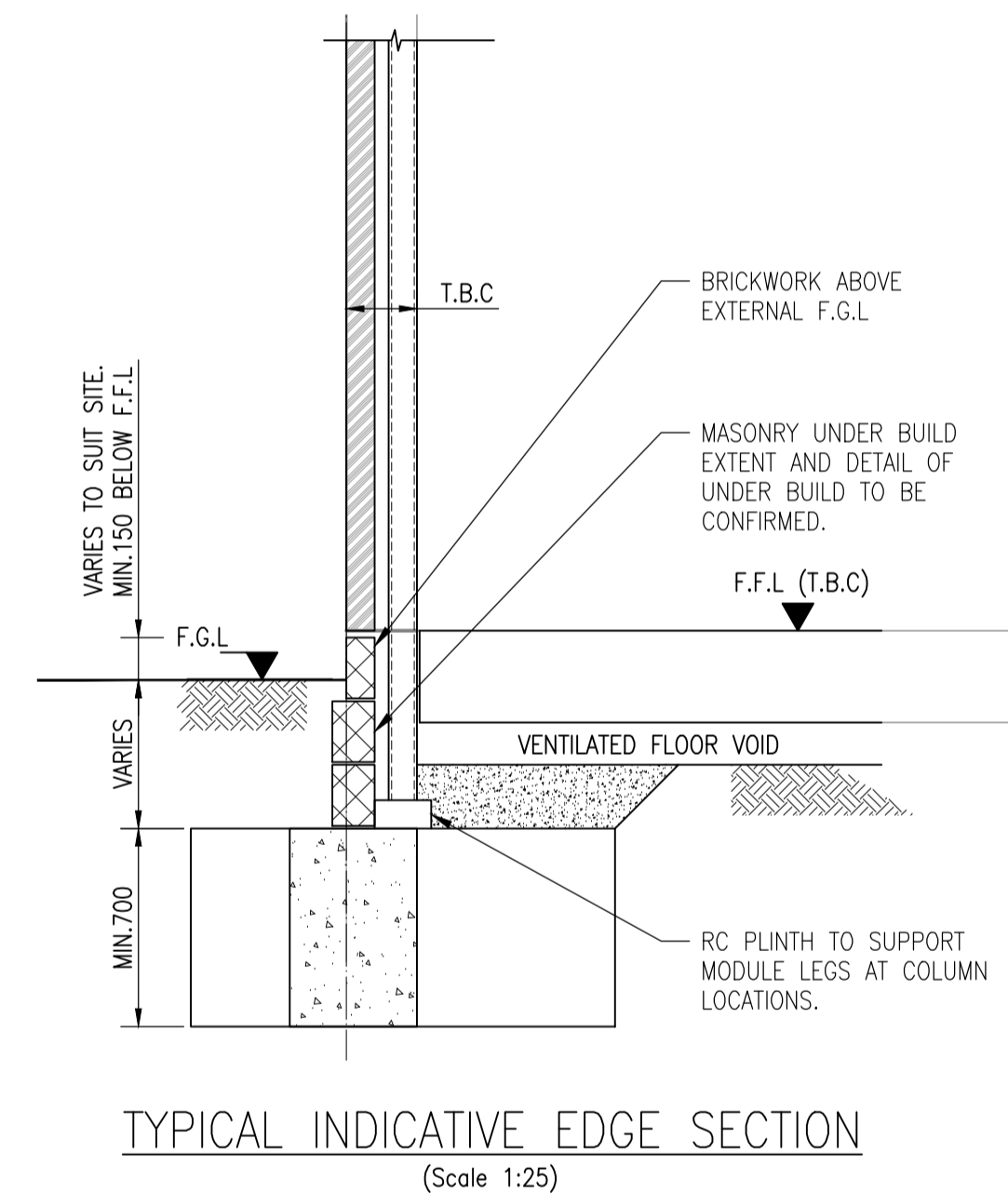
Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION
IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.
RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.
CONSTRUCTION
DEMOLITION
FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.



PAD FOUNDATIONS TO BE A MINIMUM 1000x1000x700mm DEEP FINAL SIZES TO BE CONFIRMED BY DETAILED DESIGN TO ENSURE PERFORMANCE CRITERIA ARE SATISFIED

INDICATIVE FOUNDATION PLAN FOR MODULAR BUILDING
(FINAL LOADS AND FOUNDATION LAYOUT TO BE CONFIRMED BY MODULAR SYSTEM SUPPLIER)
(Scale 1:100)



TYPICAL INDICATIVE EDGE SECTION
(Scale 1:25)

PRELIMINARY

Rev.	Date	Description	Drawn	Checked	Approved
B	15/12/20	NOTE UPDATED FOLLOWING LATEST GI REPORT.	PMJ	RG	DNT
A	07/12/20	CANOPY FOUNDATIONS REMOVED, LOADINGS AMENDED.	PMJ	RG	DNT

Notes:

Client:

Project Title:



NATIONAL TRANSIT ACCOMMODATION

BRUNSWICK PHASE 2
FOUNDATION PLAN
GENERAL ARRANGEMENT

FAIRHURST

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Scale at A1: NTS	Status: Preliminary
Drawn: PMJ	Checked: RG
Date: 01/12/20	Approved: DNT
Drawn No.:	Revision:
BR/133561/3014	B