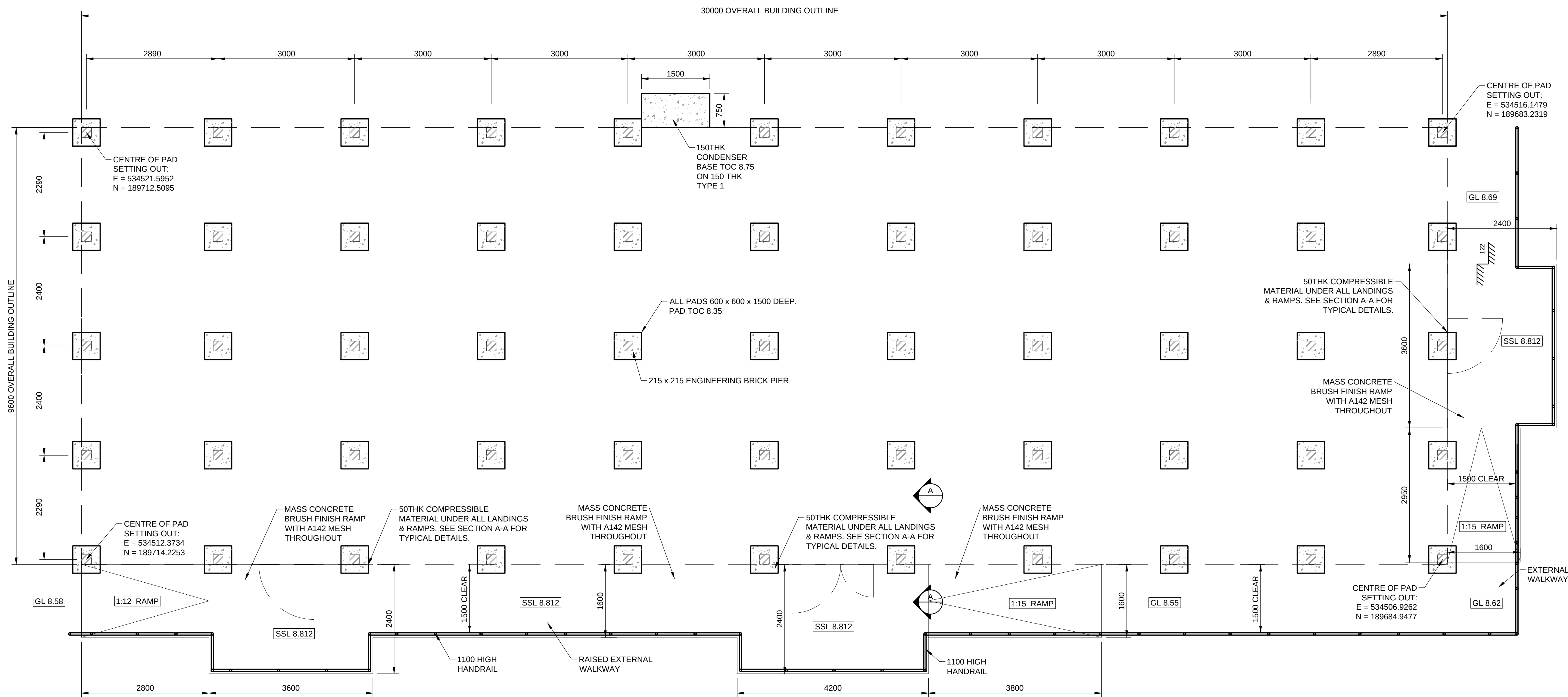
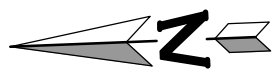
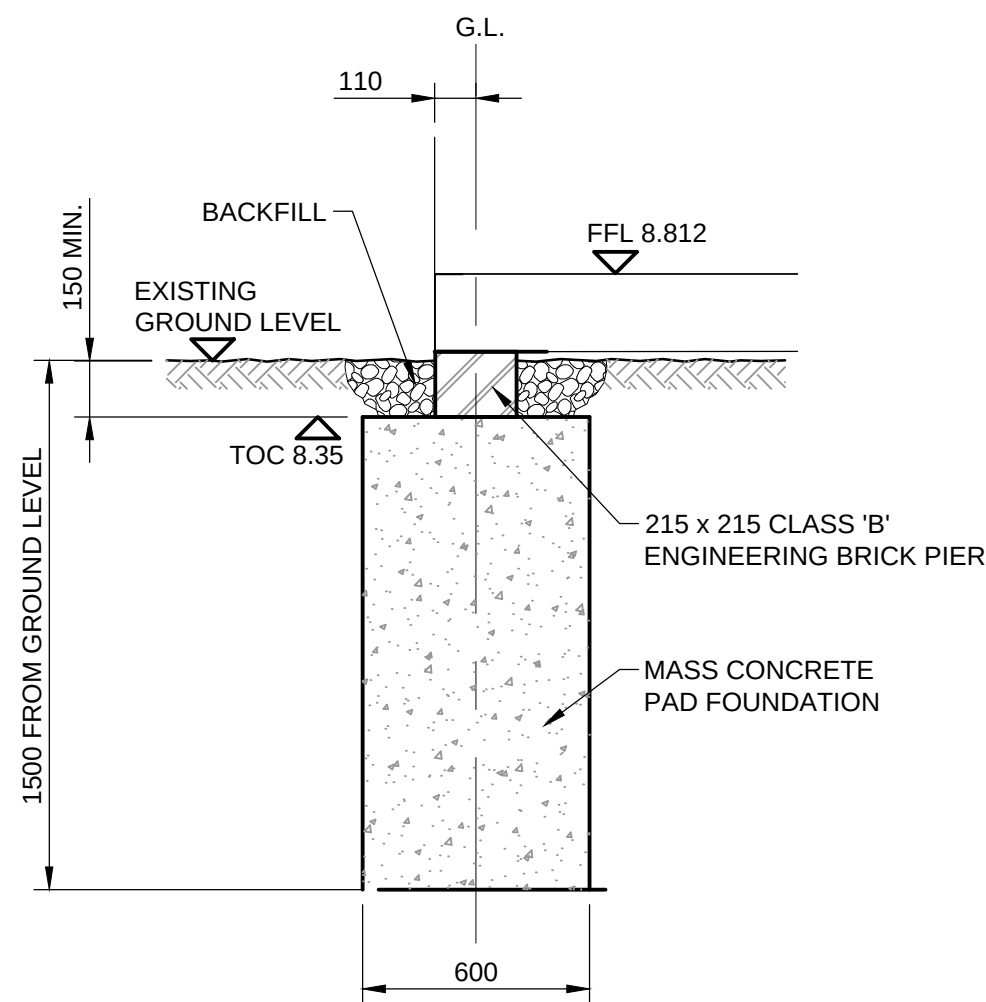
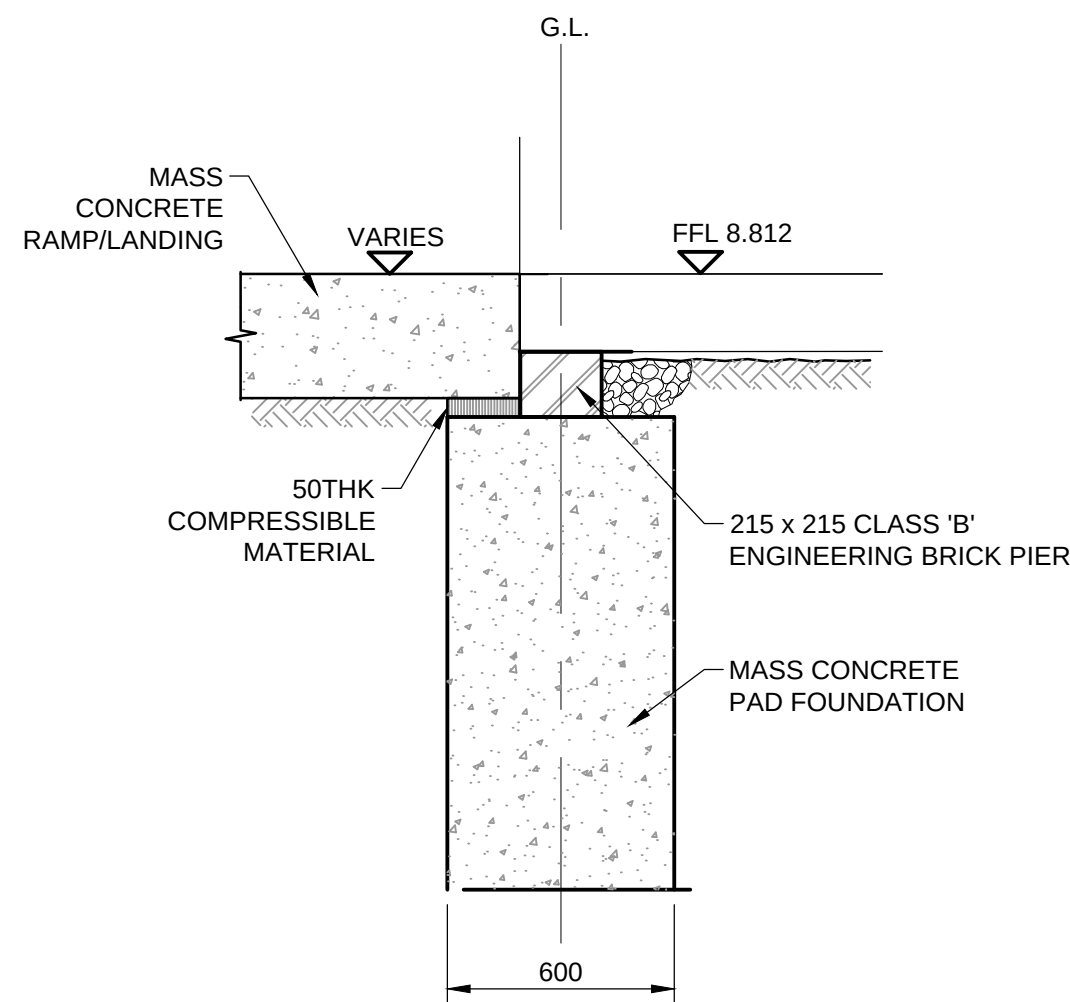




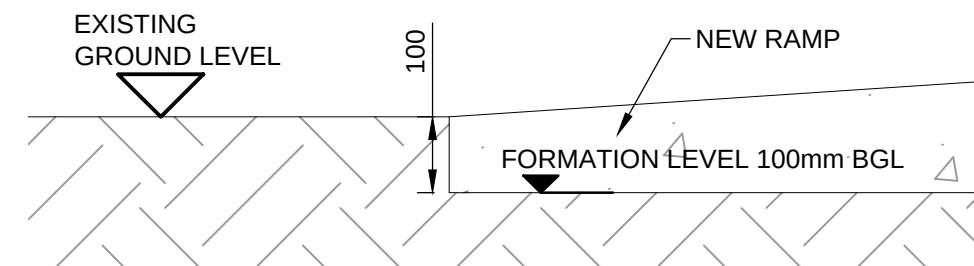
PLAN
1:50



PERIMETER PAD DETAIL
SCALE 1:20



SECTION A-A
SCALE 1:20



BOTTOM OF RAMP DETAIL
SCALE 1:10

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING C-3000.
- REFER TO MLM GROUND INVESTIGATION REPORT 400774-MLM-ZZ-XX-RP-J-0005 FOR GROUND CONDITION AND RECOMMENDATIONS.
- FOUNDATION LOADS ARE BASED PORTABLE SPACE DRAWING 000-100-000-THFL-001.
- FOR HAZARDS REFERENCE REFER TO DESIGNER'S RISK ASSESSMENT REF. 200138-DRA-SC-001.
- FOR DRAINAGE LAYOUT REFER TO CONISBEE DRAWING 200138-CON-X-00-DR-C-3000.

CONCRETE SPECIFICATION:
CONCRETE GRADE - C20/25 to BS 8500
MAX. W/C RATIO - 0.45
MIN. CEMENT CONTENT - 360 - 450kg/m³
CONCRETE DESIGN CHEMICAL CLASS - DC-1
PERMITTED CEMENT TYPES - SEE BS 8500-1:2006 CL. 4.3.2
NOTE 3
MAX. AGGREGATE SIZE - 20mm
CHLORIDE CLASS - CI 0.40
REINFORCEMENT - A142 MESH ALL SIDES FOR RAMP, STEP & CONDENSER BASE, NOT REQUIRED FOR MASS CONCRETE PADS
CONCRETE COVER - 50mm ALL SIDES

FOUNDATION DESIGN PARAMETERS:
SAFE ALLOWABLE BEARING PRESSURE - 125KN/m²
MIN. FOUNDING DEPTH AND STRATA - 1.5m BGL AND ALLUVIUM

TEMPORARY WORKS REQUIREMENT:
PRIOR TO EXCAVATIONS - ALLOW FOR PROBING OF THE PROPOSED PAD FOUNDATION LOCATION TO ASCERTAIN THE EXISTENCE OF UNDERGROUND OBSTRUCTION. IF OBSTRUCTION IS FOUND, IT IS TO BE EXCAVATED AND REMOVED. IF THE EXCAVATION DEPTH DOES NOT EXCEED THE FOUNDING DEPTH OF THE FOUNDATION, THEN THE SURROUNDING GROUND TO FOUNDATION TO BE BACKFILLED WITH SUITABLE MOT TYPE 1 BACKFILL COMPACTED IN 150MM LAYERS AFTER THE FOUNDATION HAS BEEN CAST AND CURED IN SUITABLE FORMWORK. IF THE EXCAVATION DEPTH IS BELOW THE FOUNDING DEPTH, THE CONCRETE IS TO BE USING AS INFILL TO BRING THE EXCAVATION LEVEL TO THE FOUNDING DEPTH. THEN THE FOUNDATION CAN BE CAST AND CURED IN SUITABLE FORMWORK AND THE SURROUNDING GROUND TO BE INFILLED WITH MOT TYPE 1 BACKFILL COMPACTED IN 150MM LAYERS.

ALL EXCAVATIONS TO BE SHORED WITH SUITABLE SHORING SYSTEM.

- HANDRAIL SPECIFICATION:
- HANDRAIL TO COMPLY WITH BUILDING REGULATIONS PART M.
 - HANDRAIL TO PROJECT 300mm BEYOND THE BOTTOM OF RAMP AND STEP NOSING.
 - HANDRAIL MIN. CLEARANCE TO BUILDING TO BE 1500mm.
 - HANDRAIL HEIGHT TO BE 1100mm.
 - MIN. 50mm EDGE DISTANCE FOR HANDRAIL BASE FIXING.

C3	08.11.21	RAMPS REVISED TO IDC/DR COMMENT	RAD	HL
C2	13.08.21	REVISED TO CONTRACTOR'S COMMENTS	RAD	RW
C1	16.10.20	ISSUED FOR FOR F002/3 APPROVAL	RAD	RW
Rev	Date	Description	Drawn	Check

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Drawing Status	CONSTRUCTION
Project	TOTTENHAM HALE SUSTAINABLE ACCOMMODATION RENEWAL
Date	OCT' 2020
Scale	1:50 @ A1
Drawn	RAD
Engineer	HL
Title	MODULAR UNITS FOUNDATION LAYOUT
Project No	200138
Revision	C3
Drawing No	200138-CON-X-00-DR-S-0001