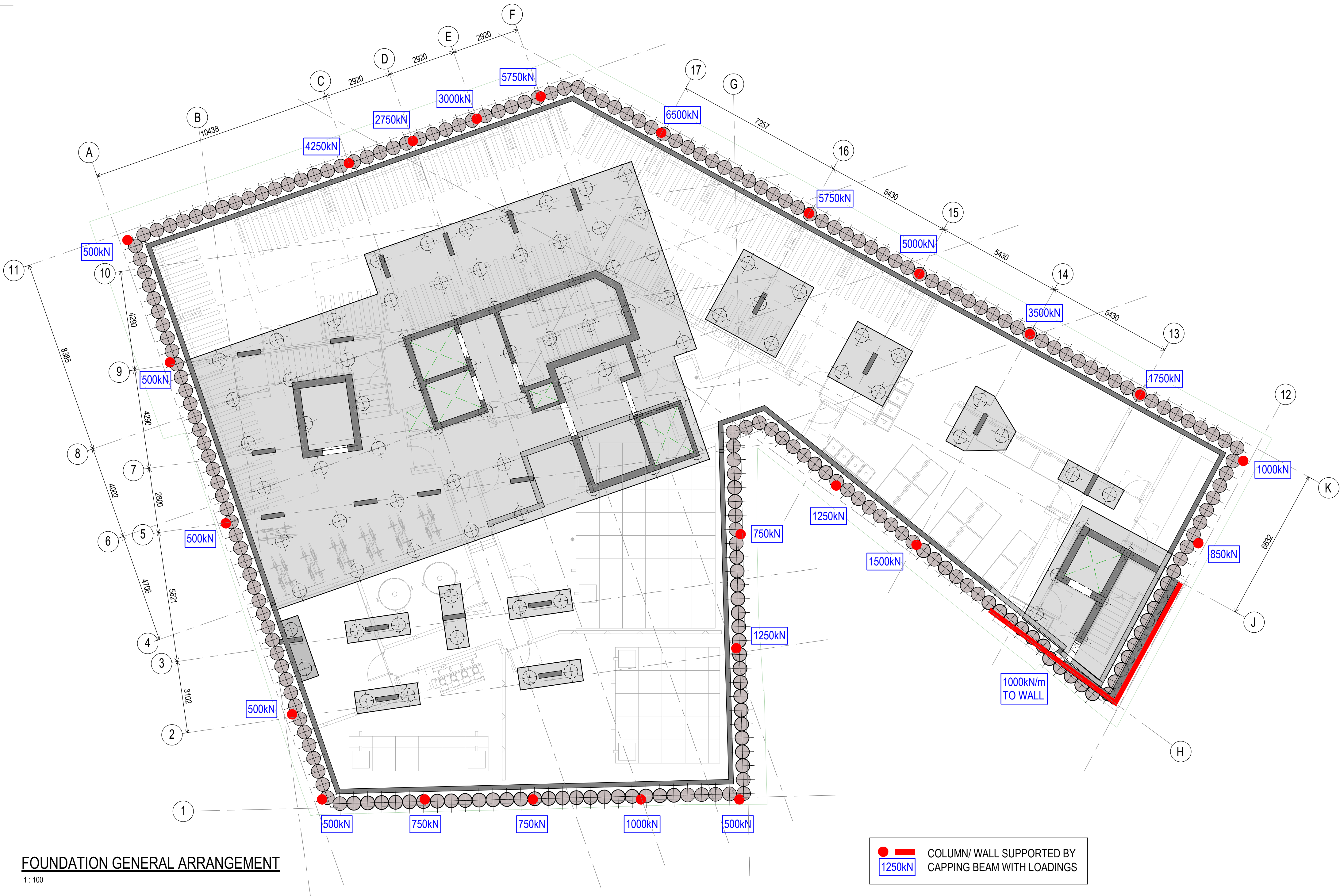
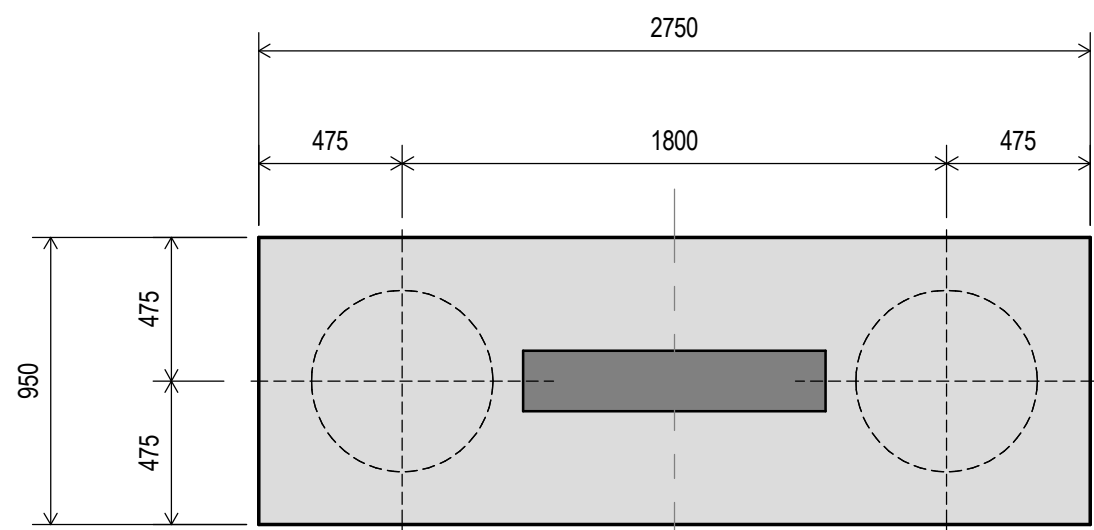




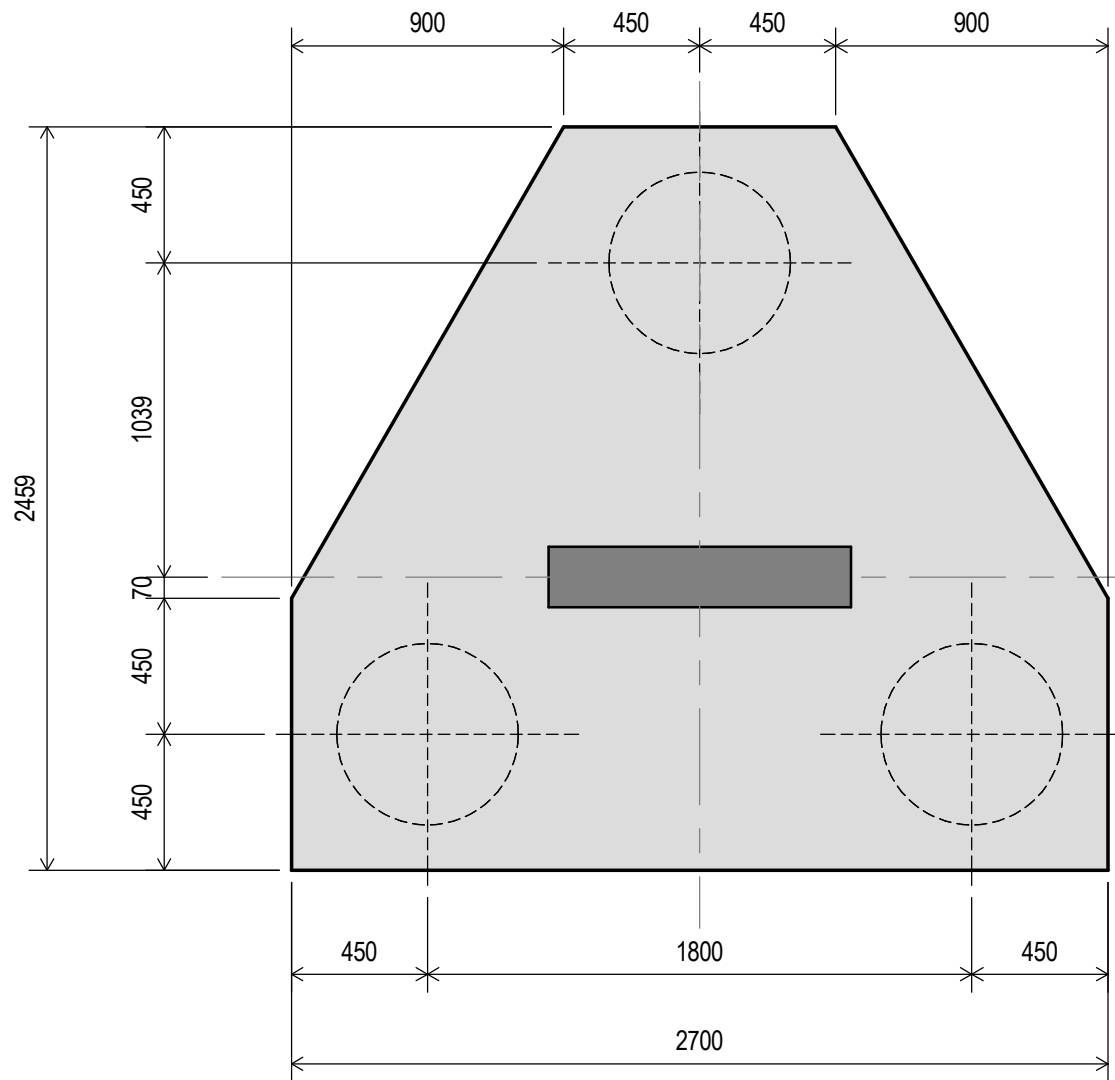
FOUNDATION GENERAL ARRANGEMENT

1:100



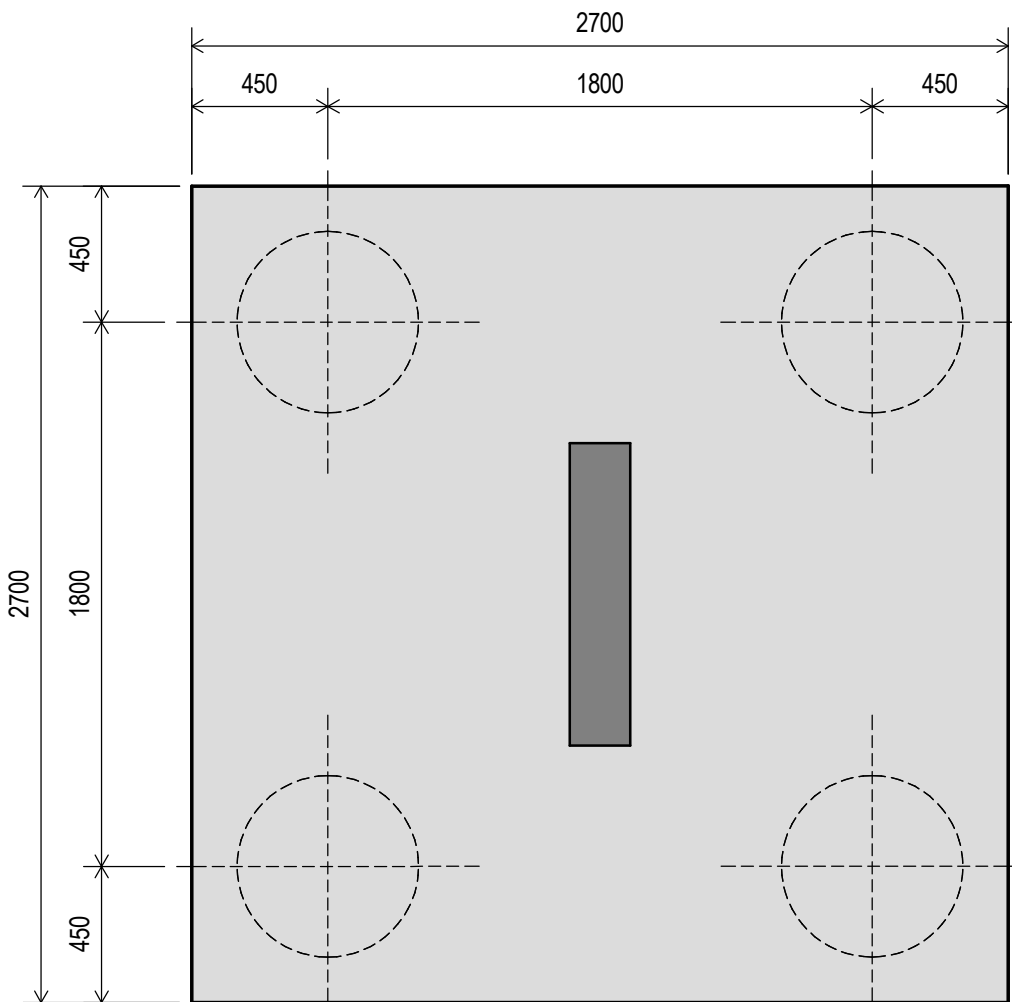
PLAN ON 2 PILE CAP

1:25



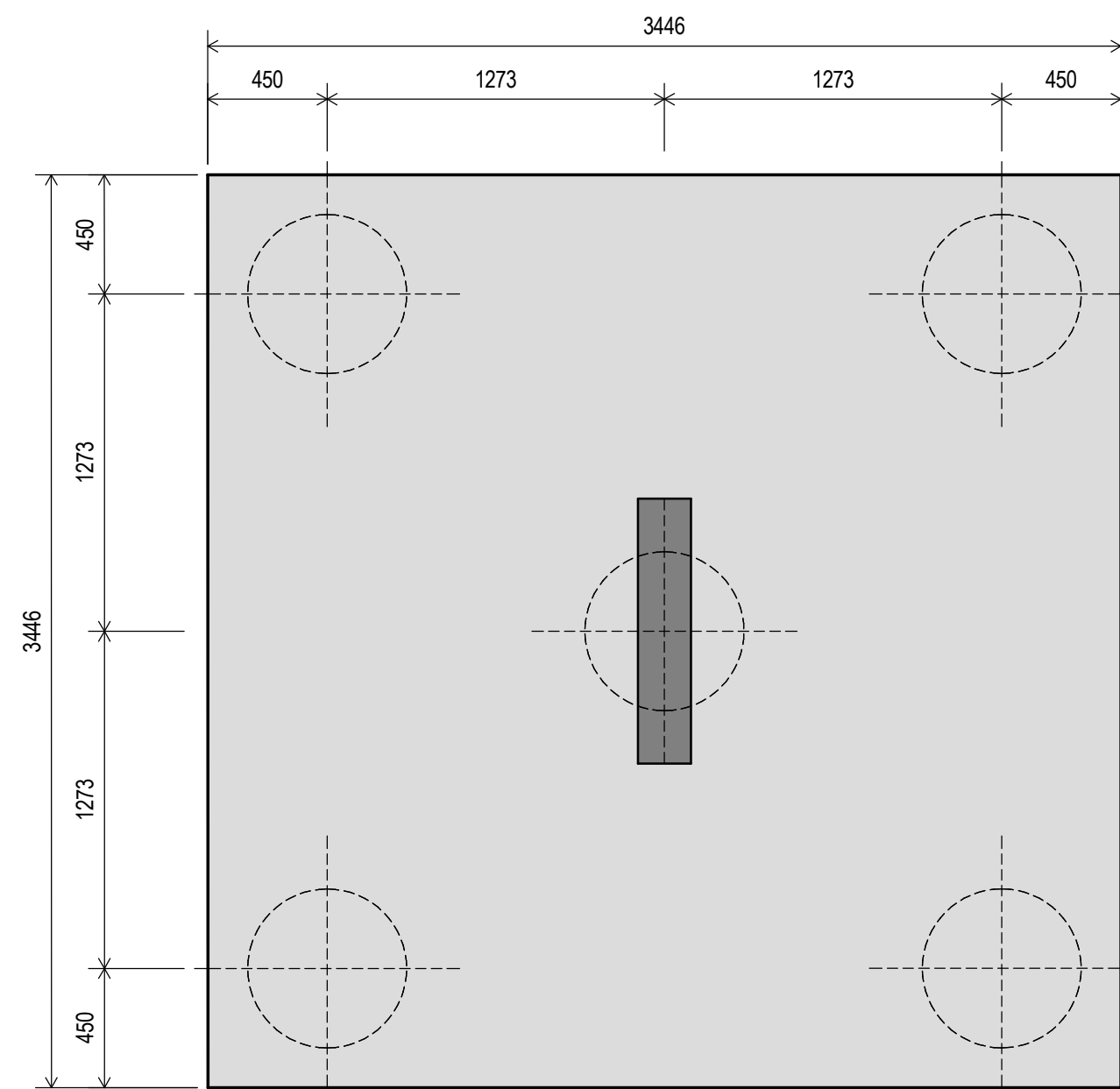
PLAN ON 3 PILE CAP

1:25



PLAN ON 4 PILE CAP

1:25



PLAN ON 5 PILE CAP

1:25



WATERPROOF CONCRETE REQUIRED
TO ALL LIFT PIT WALLS AND BASES UP
TO UNDERSIDE OF LOWEST SLAB

ALL CO-ORDINATES AND SETTING OUT OF GRIDS
AND SHOULD BE CONFIRMED BY THE ARCHITECT

GA BASED ON HCD ARCHITECTS REVIT MODEL
AND GA'S RECEIVED 20.08.2024

NOTE:
WATERPROOFING, INSULATION AND GAS
PROTECTION TBC WITH ARCHITECT & SPECIALIST
DESIGNER/ SUPPLIER

REBAR ESTIMATES :

PILE CAPS :	150 kg/m ³
CORE BASES :	150 kg/m ³
GROUND FLOOR SLABS :	130 kg/m ³
TYPICAL SLABS :	120 kg/m ³
(NOTE : TEMPORARY WORKS NOT INCLUDED IN SLAB REBAR ESTIMATES)	
WALLS :	120 kg/m ³
COLUMNS :	230 kg/m ³

PILE NOTES

- ALL PILES TO BE UNIFORMLY REINFORCED AROUND CIRCUMFERENCE THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PILE DESIGN AND SHALL BE RESPONSIBLE FOR ESTIMATING ANY ADDITIONAL ECCENTRICITIES AND FORCES ARISING FROM THE INSTALLATION OF THE PILES ABOVE THE CUT DOWN LEVEL. ALL PILES TO BE DESIGNED TO ACCOMMODATE SUCH FORCES AS INDICATED ON PILE INSTALLATION & ECCENTRICITIES DETAIL ON THIS DRAWING.
- PILE DESIGN FORCES SHALL BE THE WORSE CASE COMBINATION OF THOSE SHOWN ON PILE FORCES & COMBINATIONS DETAIL ON THIS DRAWING.
- REFER TO DRAWING FOR WORKING LOADS TO PILES.
- A FULL TENSION AND COMPRESSION ANCHORAGE IS TO BE PROVIDED BETWEEN THE PILES AND THE ASSOCIATED PILE CAP FOUNDATIONS.
- THE PILING CONTRACTOR IS TO SUBMIT FULL DETAILS OF PILING DESIGN FOR APPROVAL PRIOR TO COMMENCEMENT OF PILING WORKS.
- PILE DESIGN SHOULD ALLOW FOR TEMPORARY LOCAL EXCAVATIONS FOR PILE CAPS. DEPTH 750mm BELOW PILING MAT LEVEL.
- ALL CONCRETE WORKS SHALL FULLY COMPLY WITH THE REQUIREMENTS OF BS 8110, BS EN 206-1 2000 AND THE NATIONAL STRUCTURAL CONCRETE SPECIFICATION FOR BUILDING CONSTRUCTION (LATEST EDITION).
- GROUND WATER TO BE MANAGED TO REDUCE THE RISK OF GROUND WATER DRAW DOWN RESULTING IN DIFFERENTIAL SETTLEMENT OF NEIGHBOURING BUILDING.
- MAN ENTRY INTO ANY EXCAVATION SHOULD BE AVOIDED. SHOULD IT PROVE NECESSARY, THE RISK SHOULD BE ASSESSED AND MITIGATED.
- THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL TEMPORARY WORKS TO PROVIDE AND MAINTAIN ITS STABILITY TO ALL ADJACENT BUILDINGS, ROADWAYS AND EXISTING SERVICES OF THE ADJACENT AREAS AND STATUTORY AUTHORITIES.
- THE ENGINEER IS TO BE NOTIFIED IN WRITING, IMMEDIATELY OF ANY DISCREPANCIES, FOR CLARIFICATION OF DETAILS.
- PILING TO BE IN ACCORDANCE WITH ICE SPECIFICATION FOR PILING.
- PILE STATIC LOAD TESTING TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ICE SPECIFICATION FOR PILING, TAKING ACCOUNT OF THE LEVEL OF RISK RELATED TO THE CHARACTERISTICS OF THE PILING WORKS. A MINIMUM OF 2 WORKING PILE TESTS TO BE UNDERTAKEN. 100% INTEGRITY TESTING, 1% STATIC LOAD TESTED

PILES

- 600mm DIA PILES ASSUMED, SUBJECT TO SI AND PILING CONTRACTOR DESIGN
- MAX COMPRESSION LOAD (SLS) TO PILE ASSUMED TO BE 2000kN

ALL PILE CAPS TO BE 1200mm DEEP U.N.O.

C01	27.09.2024	RHa	FOR BUILDING CONTROL APPROVAL	RN
P03	19.09.2024	RS	PILES AND FOUNDATIONS UPDATED TO SUIT LATEST INFORMATION, FILE COORDINATES UPDATED TO SUIT ARCHITECTS GRID SETTING OUT	RN
P02	09.09.2024	RS	STAGE 3 ISSUE	RN
P01	15.07.2024	SDB	FIRST ISSUE	JAS
Rev	Date	By	Description	Appd

FOR BUILDING CONTROL APPROVAL



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Client



Architect

HADFIELD CAWKWELL DAVIDSON LTD

Project

29-33 THE HALE, TOTTENHAM

Title

FOUNDATION GENERAL ARRANGEMENT

Scale	As indicated@A1	Drawn	SDB	Revision	
Date	JULY 2024	Checked	JAS		

C01

1305

S-26-103