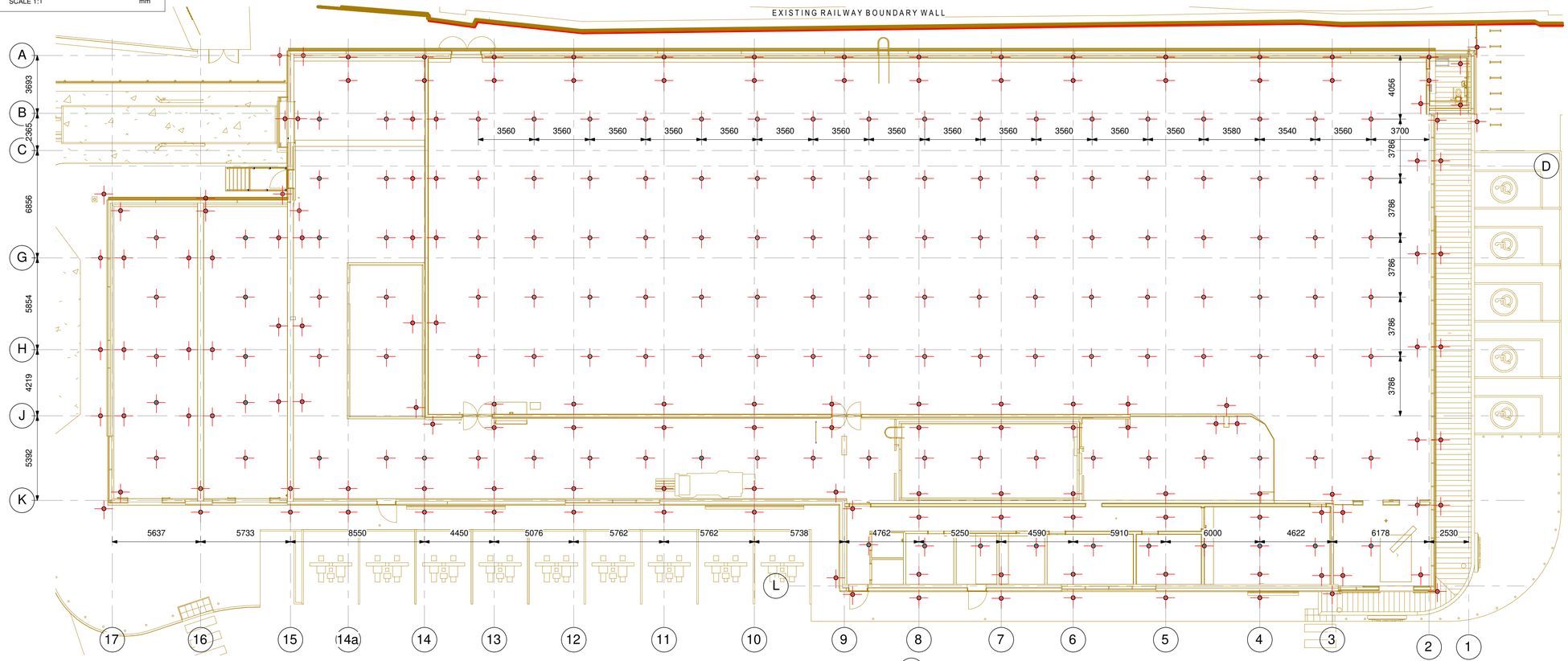
A1

10 0 10 20 30 40 50
SCALE 1:1 mm



1 Proposed Pile GA
1 : 150

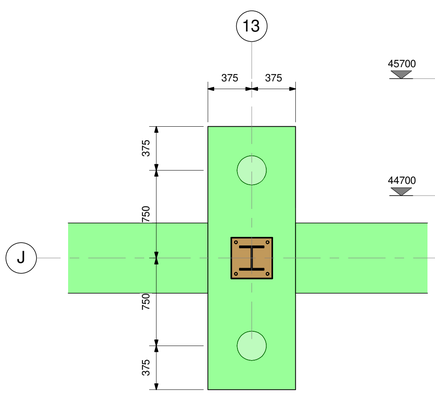
Proposed Slab Pile
Pile cap 750sq x 600dp

Proposed Foundation Pile

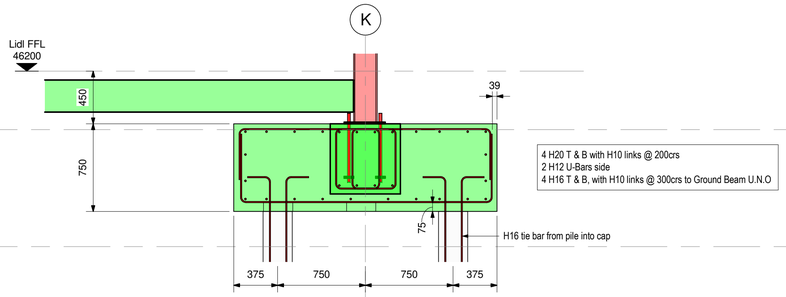
2 Pile Key Plan
1 : 50

Pile Loading:

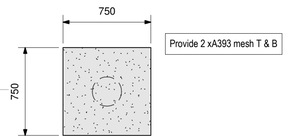
SWL = 300 kN
Perimeter Pile Horizontal = 25 kN



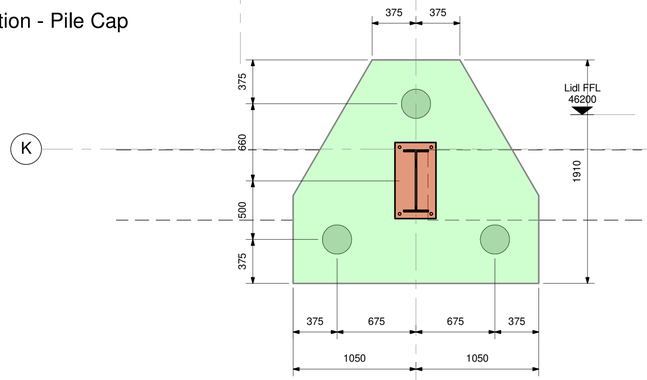
3 Typical Double Pile Cap
1 : 25



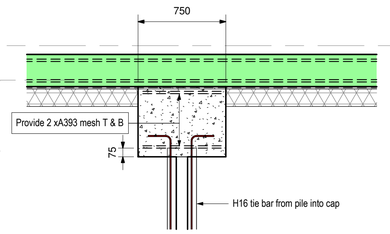
4 Section - Pile Cap
1 : 25



5 Typical Slab Pile Cap Details
1 : 25



7 Typical Triple Pile Cap Details
1 : 25



6 Section - Slab Pile Cap
1 : 25

RESIDUAL DESIGN RISKS:

GROUND CONDITIONS - REFER SI FOR DETAILS OF STRENGTH, CONTAMINATION AND WATER TABLE FOR ALL EXCAVATION WORKS.

REFER TOPO STATS TRACE FOR LOCATION OF ALL EXISTING SERVICES. THE MAIN CONTRACTOR IS RESPONSIBLE FOR LOCATING & CLEARLY MARKING AT THE SURFACE ALL EXISTING SERVICE/DRAINAGE RUNS.

CONTRACTOR TO ALLOW FOR TRAFFIC MANAGEMENT IN AGREEMENT WITH LIDL.

NOTE PROXIMITY OF NETWORK RAIL BOUNDARY. PROPOSED WORKS TO BE IN ACCORDANCE WITH APPROVALS GRANTED BY NETWORK RAIL.

NOTE
DO NOT SCALE FROM THIS DRAWING, UTILISE ONLY NUMBERED DIMENSIONS.
THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS, NOTIFY MP CONSULTING ENGINEERS IMMEDIATELY OF ANY DISCREPANCIES.
UNLESS NOTED OTHERWISE, THIS DRAWING IS FOR BUILDING REGULATIONS APPROVAL ONLY.
©c MP CONSULTING ENGINEERS.
e: info@mp-consulting.co.uk
w: www.mp-consulting.co.uk

QMS ISO 9001 : 2015 REGISTERED
Cert No. 14131937

PILING NOTES

1. ALL PILING WORKS TO BE IN ACCORDANCE WITH MP CONSULTING ENGINEERS NBS-SECTION D30
2. SITE PREPARATION WORKS WILL BE CARRIED OUT TO DETAILS SHOWN ON DRAWING No. WHICH INCLUDES THE PILING PLATFORM LEVEL
3. THE MAIN CONTRACTOR IS RESPONSIBLE FOR SETTING OUT OF ALL MAIN GRIDLINES & CENTRELINES OF PILE GROUPS
4. ALL EXISTING SERVICES/DRAINAGE RUNS WITHIN THE AREA OF PILING SHALL BE CLEARLY MARKED AT THE SURFACE BY THE MAIN CONTRACTOR
5. THE MAIN CONTRACTOR WILL BE RESPONSIBLE FOR EXCAVATING AND REMOVING ANY ARTIFICIAL OBSTRUCTIONS FOUND WITHIN 3m OF THE SURFACE AT PILE POSITIONS. OBSTRUCTIONS BELOW THIS DEPTH SHOULD BE REPORTED TO THE ENGINEER FOR ASSESSMENT AS TO THE MOST ECONOMICAL SOLUTION
6. THE MAIN CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF BORE SPOIL IN SUCH A MANNER AS NOT TO IMPEDE THE PILING PROGRAMME
7. THE MAIN CONTRACTOR WILL BE REQUIRED TO TRIM THE PILE HEADS TO THE SPECIFIED CUT OFF LEVELS AND PREPARE THE REINFORCEMENT FOR THE PILECAP. WHERE APPROPRIATE, THE PREPARATION OF THE PILE HEAD FOR INTEGRITY TESTING WILL BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR
8. TESTING REQUIREMENTS:-

TYPE OF PILING	STATIC WORKING PILE LOAD TEST FREQUENCY	DYNAMIC LOAD TEST FREQUENCY	
		INTEGRITY	CAPWAP
BORED DRIVEN CAST INSITU CFA DISPLACEMENT	1 PER 100	50%	N/A
DRIVEN PRECAST	1 PER 100	N/A	10%

9. SETTLEMENT LIMIT UNDER WORKING LOAD TO BE MAXIMUM .....

Note:
The employer gives no warranty in relation to the accuracy or completeness of any documents or reports included within the tender pack. The contractor is liable for the design of the works

Rev	Description	Date	Drn	Ckd
P04	Updated to New Scheme	19.02.25	SFB	RSM
P03	Residual Design Risks added	22.11.21	SFB	RSM
P02	Pile Layout updated	28.10.21	SFB	RSM
P01	Issued for Tender	18.10.21	SFB	RSM

Status
S2 - INFORMATION

mp consulting engineers
CHARTERED CIVIL AND STRUCTURAL ENGINEERS
UNIT 3, MANSE LANE
MERCURY COURT
KNARESBOROUGH
HG5 8LF
T: 01423 861569

Project
Lidl Fallowfield

Client
SMR Architects

Drawing Title
Proposed Pile GA

MP Sheet Ref	Sheet	Scale	Drawn
4407 - S - 0200	A1	As indicated	SFB

BIM Ref: 4407 - MP - 00 - B2 - DR - S - 0200 - S2 - P04
Origin | Vol | Level | Type | Role | Number | Status | Rev

Information Only