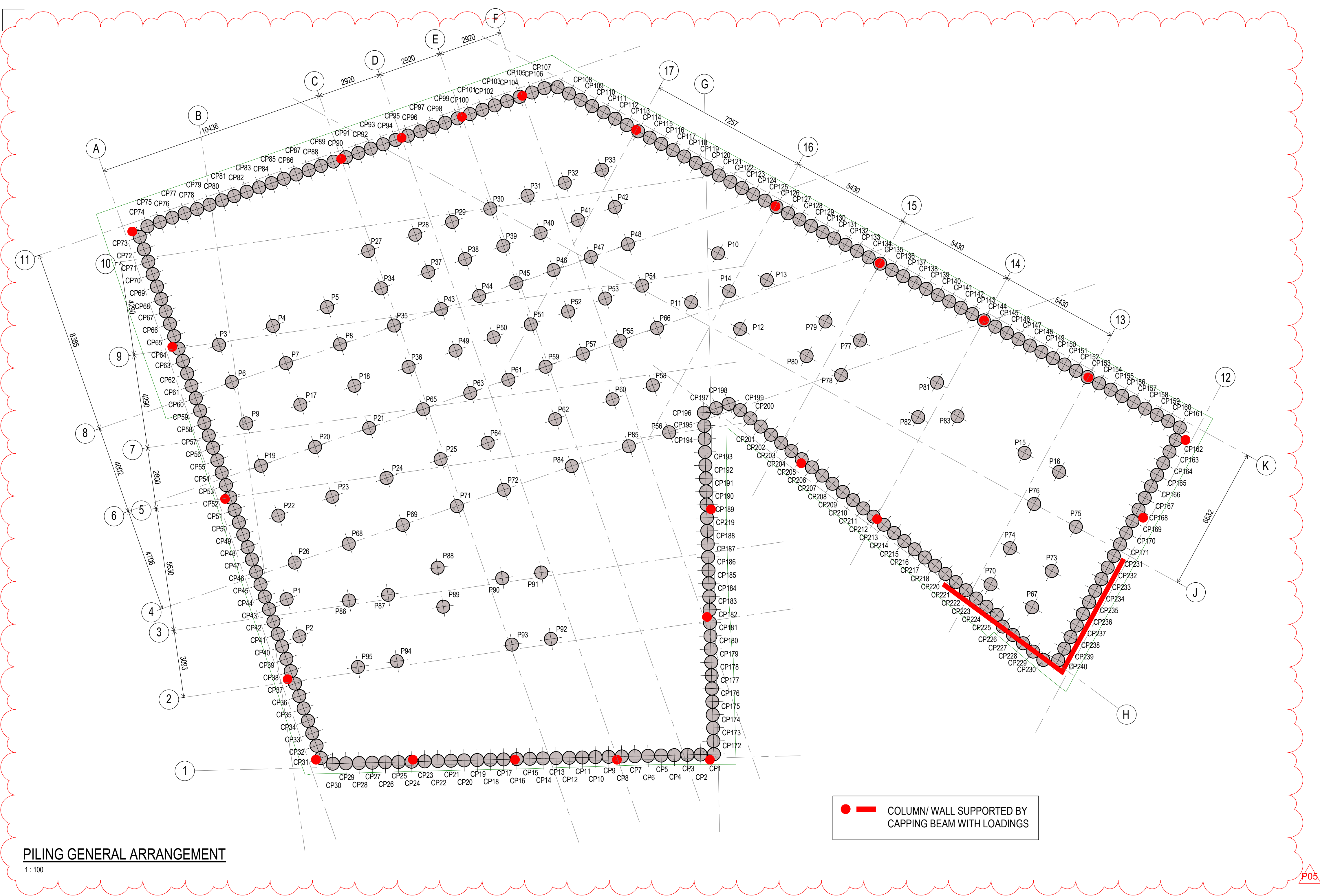




PILING GENERAL ARRANGEMENT

1 : 100

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/m³
CORE BASES :	150 kg/m³
GROUND FLOOR SLABS :	130 kg/m³
TYPICAL SLABS :	120 kg/m³
(NOTE : TEMPORARY WORKS NOT INCLUDED IN SLAB REBAR ESTIMATES)	
WALLS :	120 kg/m³
COLUMNS :	230 kg/m³

- Notes
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS TOGETHER WITH THE APPROPRIATE SPECIFICATION.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO CHECK ALL DIMENSIONS ON SITE. DIMENSIONS MUST NOT BE SCALED FROM THIS DRAWING. ANY DISCREPANCIES TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT IN WRITING.
 - ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES, UNLESS NOTED OTHERWISE.
- 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 AND FOUNDATIONS UPDATED TO SUIT LATEST INFORMATION, PILE COORDINATES UPDATED TO SUIT ARCHITECTS GRID SETTING OUT					
P05	19.09.2024	RS	STAGE 3 ISSUE	RN	
P04	09.09.2024	RS	REUPLOADED NO CHANGES TO DRAWING	RN	
P03	07.08.2024	HD	PILES ADDED	RN	
P02	25.07.2024	SD	FIRST ISSUE	JAS	
P01	18.07.2024	DG			
Rev	Date	By	Description	Appd	

STAGE 3

www.apexconsulting.co.uk | 0114 241 9360

Client

Architect

HADFIELD CAWKWELL DAVIDSON LTD

Project

29-33 THE HALE, TOTTENHAM

Title

PILING GENERAL ARRANGEMENT

Scale

As indicated@A1

Drawn

DG

Date

JULY 2024

Checked

JS

Revision

P05

ENG

RN

CHKD

RN

APP'D

TECH

HD

SB

JS

1305

S-26-101