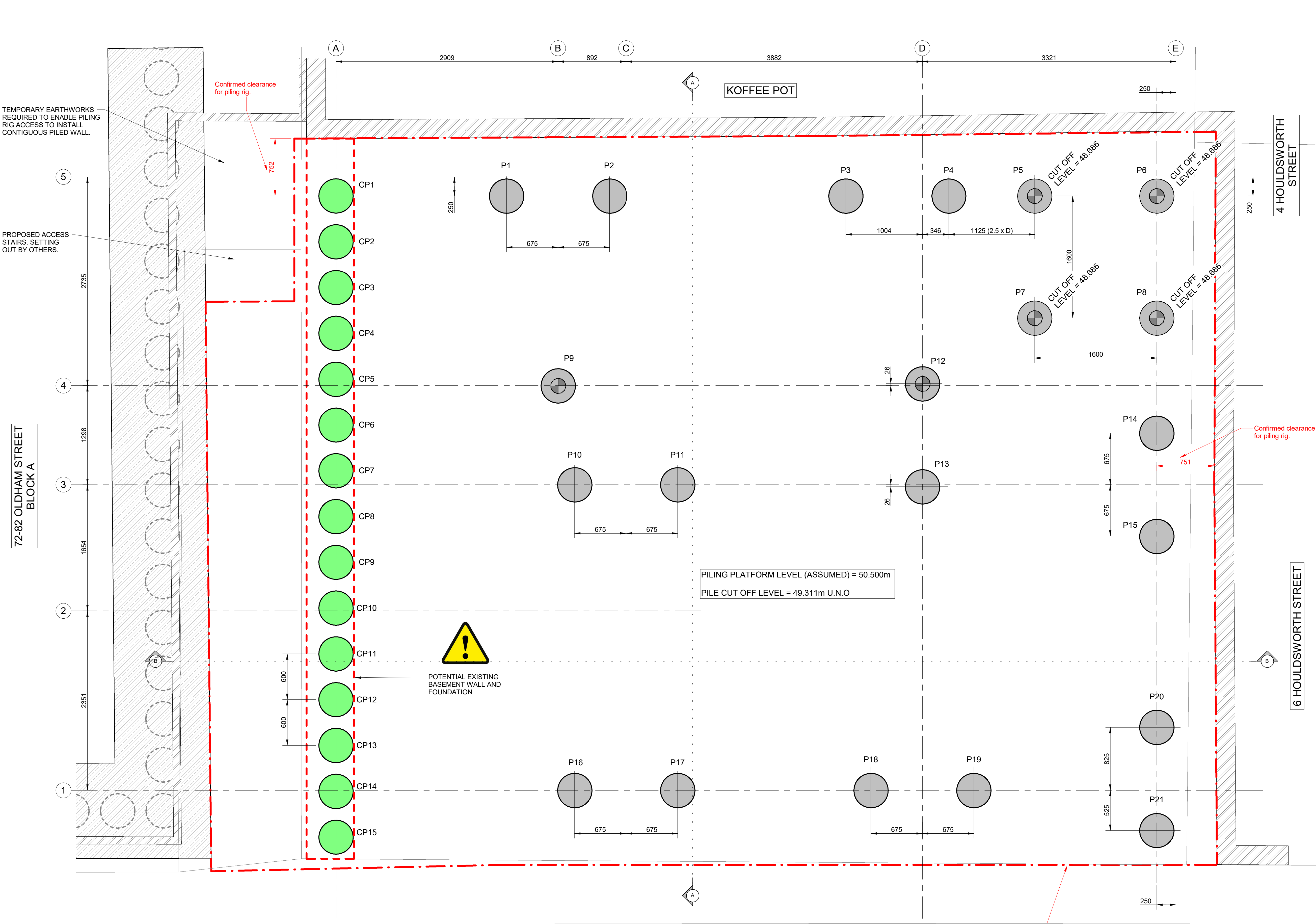




PROPOSED PILING LAYOUT

1 : 25

DENOTES 450Ø CFA BEARING PILES TO SPECIALIST DESIGN

DENOTES 450Ø CFA BEARING AND CONTIGUOUS RETAINING WALL PILES TO SPECIALIST DESIGN

BEARING PILE LOADS

SWL = 350kN
SHEAR = 30kN
TENSION PILES = -150kN WHERE NOTED

PILE DISTANCE ASSUMED AS 3D U.N.O.

CONTIGUOUS PILE LOADS

RETAINS 2m HEIGHT WITH MAX. 300kN SWL

(SWL = 80% DEAD & 20% IMPOSED)

WORK IN PROGRESS (CONSTRUCTION)

This drawing is based upon the available consultant design team information as of 04/05/23. As such the information provided may be subject to change based upon external influences through design development such as client brief and scope changes, M&E services design and B.W.I.C., and following the receipt of detailed design information for sub-contractor designed elements. In respect of sub-contractor designed elements, the cladding/curtain walling design, roofing design, M&E services design including B.W.I.C., the design of precast concrete elements and other proprietary frame components all have an interface with the primary frame structure. If this drawing is used for construction purposes in advance of final sub-contractor details for these elements, then the main contractor acknowledges the risk of variations to the frame details in response to such design information and accepts the responsibility for the consequences thereof.

NOTES

This drawing is copyright and owned by Marston and Grundy LLP, and is for use on this site only unless contractually stated otherwise.

DO NOT SCALE this drawing (printed or electronic versions). Contractors must check all dimensions from site.

All other design team elements, where indicated, have been imported from the consultant's drawings/model and reference should be made to the individual consultant's drawings for exact setting out, size and type of component.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

CONSTRUCTION

UNKNOWN BURIED SERVICES

MAINTENANCE / CLEANING

Nothing significant to note.

DECOMMISSIONING / DEMOLITION

Nothing significant to note.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

C1	ISSUED FOR CONSTRUCTION	AMT	16.05.23	PJK
P1	ISSUED FOR CO-ORDINATION	AMT	06.04.23	PJK
Rev	Description	By	Date	CHK'd

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Client
M4NCHESTER ONE LTD

Project
SPEAR STREET,
MANCHESTER

Drawing
PILING
GENERAL ARRANGEMENT

Purpose of Issue
CONSTRUCTION

Project No.	Scale @ A1	Date	Drawn	Checked
13468	1 : 25	Apr '23	AMT	PJK

Drawing Identifier							BS1192 Compliant
project	origin	zone	level	type	role	number	revision
SSM-MaG-ZZ-FN-DR-S-0001							C1