



NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THE PILING AREA MUST BE FREE OF BURIED SERVICES PRIOR TO MOBILIZATION OF THE PILING RIG TO THE SITE.
- THIS DRAWING HAS BEEN PREPARED FROM DRAWING NO. "NESC-MNP-A-FN-DR-S-1011" PREPARED BY MNP.
- ALL PILES TO BE 450MM DIAMETER.
- PILING PLATFORM TO BE CONFIRMED PRIOR TO MOBILISATION TO THE SITE.



STRUCTURAL ENGINEERING REVIEW

- STATUS A* = REVIEWED. NO OBJECTION. PROCEED
- STATUS B* = REVIEWED WITH COMMENTS. PROCEED PROVIDED COMMENTS INCORPORATED
- STATUS C = REVISE AND RESUBMIT
- STATUS N = NOT WITHIN REMIT TO REVIEW

* This submission has been examined in respect of conformity with MNP's design in respect of general dimensions, structural adequacy of members and connections and compliance with performance criteria. Where the term "Approval" or comment status given this does not transfer design responsibility to MNP.

Review is only for general conformance with the design concept of the Project and the information given in the Contract Documents. Contractor is responsible for dimensions to be confirmed and controlled at the job site; information that pertains solely to the fabrication process or to the means and methods of construction; coordination of the work of all trades; and performing all work in a safe and satisfactory manner. This review does not modify Contractor's duty to comply with the Contract Documents.

REVIEWED BY: Chris O'Regan
 DATE RECEIVED: 27/09/23 DATE REVIEWED: 28/09/23



Client GPF Lewis
Project title 22 Stephenson Way, Euston, London
Document title Pile Schedule
Job number 23203
Document ref 23203-PS01

Revision	Description	Prepared by	Checked by	Date	Detail of Installation
C1	First Issue	CM	DMB	27/09/2023	Piling Method CFA Fill Material Concrete Type / Min. Strength C32/40 DC Class DC2 Max. Aggregate Size 20 mm Min. Cover to Steel 75 mm Positional Tolerance 75 mm Verticality Tolerance 1/75 Integrity Test 100%
C2	Depth of P21 increased to 20.0 m and depth of anchor piles increased to 18.0 m.	CM	DMB	27/09/2023	

Pile No.	Design Dia. (mm)	PPL (mOD)	COL (mOD)	PPL-COL (m)	Vertical		Horizontal		Axial Design				Settlement Total (mm)	Top Reinforcement	Central Bars	V _{conc} (m ³)			
					SLS _{max} (kN)	C1 _{max} (kN)	C2 _{max} (kN)	SLS _{lat} (kN)	ULS _{lat} (kN)	SLS (mOD)	C1 _{max} (mOD)	C2 _{max} (mOD)					User Input	Adopt. (mOD)	Design Length (m)
P21	450	22.600	20.575	2.025	625	867	670	25	38	7.1	4.6	3.6	2.6	2.6	20.0	1.8	6m x 8H12 + H8 @150 mm c/c	-	3.20
P22	450	22.600	20.575	2.025	500	690	530	25	38	8.6	7.1	6.1	-	6.1	16.5	1.6	6m x 8H12 + H8 @150 mm c/c	-	2.65
P39	450	22.600	20.575	2.025	675	934	720	25	38	6.6	4.1	3.1	-	3.1	19.5	2.1	6m x 8H12 + H8 @150 mm c/c	-	3.15
P40	450	22.600	20.575	2.025	625	863	663	25	38	7.1	5.1	3.6	-	3.6	19.0	1.9	6m x 8H12 + H8 @150 mm c/c	-	3.05
P41	450	22.600	20.575	2.025	625	863	663	25	38	7.1	5.1	3.6	-	3.6	19.0	1.9	6m x 8H12 + H8 @150 mm c/c	-	3.05
AP1	450	22.600	20.575	2.025	-	-	-	-	-	-	-	-	4.6	4.6	18.0	-	-	Full Depth - 1 x 32mm PST Dywidag	2.90
AP2	450	22.600	20.575	2.025	-	-	-	-	-	-	-	-	4.6	4.6	18.0	-	-	Full Depth - 1 x 32mm PST Dywidag	2.90

CONTRACT:

22 STEPHENSON WAY, LONDON

REFERENCE:

PROPOSED PILE LAYOUT

Scale: NTS - Use Dimensions provided.

Contract No: 23203 Drwg No: 100 Rev: C2