

**1 : 100**

THE BASEMENT SLAB, THE FOUNDATIONS AND PILE POSITIONS HAVE BEEN DESIGNED BASED ON THE LATEST MRI LAYOUT DRAWING 'BPD-LDW-NB-B1-DR-A-000001' GA PLAN - LEVEL B1 RECEIVED FROM LD ON 05/05/2021 TO SUIT THE VIBRATION LIMITS OF 80dB IDENTIFIED WITHIN THE SIEMENS MAGNETOM\_PRISMA\_EN SPECIFICATION. ADDITIONAL STRUCTURE MAY BE REQUIRED IF LAYOUTS OR SPECIFICATION CHANGES.

**Scale:** 1 : 100@A1 **Rev:** C2








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## Notes

- DO NOT SCALE FROM THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY.
  - THIS DRAWING IS TO BE USED IN CONJUNCTION WITH:
    - AECOM STRUCTURAL SPECIFICATIONS
    - DESIGN REPORTS
    - SURVEY AND INTERPRETATIVE REPORTS
    - PROJECT SPECIFICATIONS AND PERFORMANCE SPECIFICATIONS
    - HEALTH AND SAFETY HAZARD REGISTER
    - RELEVANT DRAWINGS AND DOCUMENTATION ISSUED BY THE ARCHITECT.
    - ENGINEERS AND SPECIALISTS
    - BASEMENT SEQUENCING DRAWINGS
    - MOVEMENTS AND TOLERANCES REPORT
  - ALL DIMENSIONS ARE IN MM EXCEPT LEVELS WHICH ARE IN METRES AND RELATE TO [ORDANCE DATUM].
  - ANY DISCREPANCIES MUST BE REFERRED TO THE DESIGNER BEFORE WORK COMMENCES.
- LEGEND:**
- AS-BUILT SITE COORDINATES OF CONTRACTOR'S STEEL KING POST PILES (INSTALLED IN 2020) USED FOR TEMPORARY WORKS. KP PILES THAT IMPACT FULLY ON THE PERMANENT WORKS STRUCTURE (IN LOCATION AND LEVEL) NEED TO BE REMOVED. TO BE REVIEWED. 
  - INDICATES PILES INSTALLED IN AUGUST 2020 AND JANUARY 2021 
  - INDICATES PILE 6000 
  - INDICATES PILE 7500 
  - INDICATES TOWER CRANE PILE (SHOWN INDIVIDUALLY) 

## Issue/Revision

C2	23.07.21	FILES ADDED: PILING PHASE 2 - CONSTRUCTION ISSUE	RH/GMKSF
C1	21.05.21	PILING PHASE 1 - CONSTRUCTION ISSUE	RH/TMKSF
T1	08.01.21	UPDATED TO REFLECT REVISED PILE POSITIONS	RHKFS/FDW
T8	23.10.20	ISSUED FOR TENDER STAGE 4 REDESIGN	RHKFS/FDW
T7	02.09.20	PILE LOCATION REVISED	RHKFS/FDW
T6	24.08.20	PILE POSITIONS REMOVED, PHASES P06&A & P07 ADDED, PILE ORIENTATION CHANGED WHERE REQUIRED	RH/DOB
T5	03.07.20	STAGE 2 (PCSA STAGE 1 DESIGN REVIEW)	RH/LCDW
T4	26.10.18	TENDER - STAGE 1	MNDW/DW
T3	19.06.18	TENDER 4 TENDER 2 (2)	MNDW/DW
T2	11.05.18	TENDER 4 TENDER 2	MNDW/DW
T1	29.03.18	TENDER 4 TENDER (DRAFT)	MNDW/DW
T0	28.01.18	STAGE 3 ISSUE, WIP	MNDW/DW
Rev.	Date	Description	Drn/Chk/Apr

### Purpose Of Issue

## CONSTRUCTION

Project Nu

**Sheet Title**

### New Build Pile Layout

Sheet Number

MHA-ACM-00-B1-DR-SE-01012

**Scale:** 1 : 100@A1 **Rev:** C2





No. Of Piles	
Pile Size	Count
600	121
750	72

FOR TYPICAL NOTES, PLEASE REF  
DRAWINGS 01001, 01002 & 01003

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KING POST STEEL TO BE BURNT DOWN TO PILE CUT OFF LEVEL PRIOR TO CASTING OF LINER WALL, AND OPENING IN SECANT WALL TO BE INFILLED AS PER TYPICAL DETAIL.

PILING CONTRACTOR TO CONFIRM WHETHER SECANT PILES CAN BE CONSTRUCTED IN SUCH PROXIMITY TO THE KING POST PILE. IF THIS IS NOT POSSIBLE, KING POST STEEL TO BE BURNT DOWN TO PILE CUT OFF LEVEL. PRIOR TO CASTING OF LINER WALL, AN OPENING IN SECANT WALL TO BE INFILLED AS PER TYPICAL DETAIL.

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**Pile Layout**  
1 : 100

**AECOM**

Project

BEDFORD  
PASSAGE  
DEVELOPMENT

UK &amp; IRELAND

**Client**

MIDDLESEX  
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C1	21.05.21	PILING PHASE 1 - CONSTRUCTION ISSUE	RH\HKS\DW
T9	08.01.21	UPDATED TO REJECT REVERSED PILE POSITIONS	RH\HKS\DW
T8	23.10.20	ISSUES FOR 2 <sup>ND</sup> TENDER STAGE 4 REDESIGN	RH\HKS\DW
T7	02.08.20	PILE LOCATION REVISED	RH\HKS\DW
T6	24.08.20	PILES REMOVED AND PILES POS18A & P101A ADDED, PILE ORIENTATION REVERSED WHERE CLOUDED	RH\B\DE
T5	03.07.20	STATUS (PCSA STAGE 1 DESIGN REVIEW)	RH\CLDW
T4	26.10.19	TENDER - STAGE 1	M\NWD\DW
T3	15.09.19	STAGED TENDER (2)	M\NWD\DW
T2	01.05.19	STAGE 1 TENDER	M\NWD\DW
T1	29.03.19	STAGE 1 TENDER (DRAFT)	M\NWD\DW
Rev	01.05.19	STATUS ISSUE, WIP	M\NWD\DW
Rev	01.05.19	STATUS ISSUE, WIP	M\NWD\DW

### Purpose Of Issue

CONSTRUCTION

Project Number

60516144

Sheet Title

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