



**KEY**

●●●●● DENOTES EXTENT OF SECANT PILE WALL.

**PILE LOADING NOTES**

1. ALL SECANT PILED WALLS TO BE DESIGNED FOR A MINIMUM OF THE FOLLOWING VERTICAL UNFACTORED LOADS UNLESS NOTED OTHERWISE:-  
PERMANENT = 75 kN/m  
VARIABLE = 50 kN/m  
TENSION = 75 kN/m (FROM HYDROSTATIC AND HEAVE FORCES)

2. SECANT PILED WALLS SURCHARGE LOADS. LOADS MARKED ON THE EXISTING ADJOINING BUILDINGS ARE VERTICAL SURCHARGE LOADS (PERMANENT + VARIABLE UNFACTORED LOADING).

3. FOR INTERNAL PILE LOADS REFER TO PILE SCHEDULE DRAWING MHA-ACM-00-XX-DR-SE-01014.

EVIDENT DEFECTS TO GABLE WALL TO No 13 TOTTENHAM MEWS TO BE ADDRESSED WITH THE ADJOINING OWNER DURING PARTY WALL AGREEMENTS

REFER TO DRAINAGE DRAWINGS FOR DETAILS OF ALL BELOW GROUND DRAINAGE RUNS, INVERT LEVELS AND SIZES OF MANHOLES AND PUMPING STATIONS.

**CONTAMINATION NOTE**

THE GROUNDWORKS CONTRACTOR SHOULD FAMILIARISE HIMSELF WITH THE RESULTS OF ALL AVAILABLE SOIL, GROUND WATER AND WAC TESTS. ALL CONTAMINATED MATERIAL (WHERE AFFECTED BY SITE ACTIVITY) IS TO BE MANAGED BY THE CONTRACTOR AND DISPOSED OF OFF-SITE TO A SUITABLY LICENSED WASTE MANAGEMENT FACILITY IN A SAFE AND APPROVED MANNER. TO COMPLY WITH THE DUTY OF CARE ALL WASTES TAKEN OFF SITE, IN SOLID OR LIQUID FORM, MUST BE HANDLED BY A REGISTERED WASTE CARRIER AND BE ACCOMPANIED BY A CONSIGNMENT NOTE THAT DESCRIBES THE WASTE.

**AECOM**

**PROJECT**

**BEDFORD PASSAGE DEVELOPMENT**

**CLIENT**

MIDDLESEX ANNEXE LLP

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**GENERAL NOTES**

**CONSTRUCTION ISSUE NOTE**

THIS CONSTRUCTION ISSUE DRAWING IS STRICTLY LIMITED TO THE SECANT PILING AND CAPPING BEAM CONSTRUCTION TO THE SOUTH AND SOUTH EAST SITE BOUNDARY, UNDER THE CURRENT WSI 1 CONTRACT. ALL OTHER DETAILED DESIGN IS STILL UNDER FINAL DEVELOPMENT.

ISSUE/REVISION			
			UPDATED TO REFLECT
C3	30.04.2020	DRG. MHA-ACM-BW-2-XX-DR-S-1001	
C2	21.04.2020	NOTES REVISED	
C1	03.04.2020	CONSTRUCTION ISSUE	
I/R	DATE	DESCRIPTION	

**KEY PLAN**

**PROJECT NUMBER**

60516144

**SHEET TITLE**

PROPOSED SECANT PILE WALL LAYOUT TO BOUNDARY WALLS. LOADING PLAN

**SHEET NUMBER**

MHA-ACM-XX-P1-DR-S-1001

**NOTE A**

45kN/m SURCHARGE LOAD (DUE TO DEAD WEIGHT OF SOUTH, BRICK BOUNDARY WALL) IN THE BLUE PORTION. IN THE ZONE ARROWED THE BASE OF THE WALL IS SUPPORTED ON CONCRETE UNDERPINNING, BUT EXTENT OF UNDERPINNING 8m EAST OF BASE OF RAMP IS NOT KNOWN. TOP OF CONCRETE APPROX' 23.900 (TBC ON SITE). BOTTOM OF UNDERPINNING NOT YET KNOWN. THEREFORE LEVEL AND LOAD VALUE FOR SURCHARGE ONTO THE SECANT PILES IS TO BE CONFIRMED IN WSI 1 FOLLOWING EXPOSURE ON SITE.

**NOTE B**

30kN/m SURCHARGE LOAD (DUE TO DEAD WEIGHT OF SOUTH, BRICK BOUNDARY WALL) IN THE GREEN PORTION. CONCRETE UNDERPINNING IS NOT ENVISAGED IN THIS ARROWED ZONE. ASSUMED BASE OF BRICK WALL IS 23.900 (TBC ON SITE). THEREFORE LEVEL AND LOAD VALUE FOR SURCHARGE ONTO THE SECANT PILES IS TO BE CONFIRMED IN WSI 1 FOLLOWING EXPOSURE ON SITE.

**NOTE C**

SURCHARGE LOADS (DUE TO DEAD WEIGHT OF 13 TOTTENHAM MEWS BUILDING) IN THE COLOURED PORTIONS IS TAKEN AT ASSUMED LEVELS BASED ON LIMITED TRIAL PITTING IN THE AREA. CONCRETE UNDERPINNING IS NOT ENVISAGED IN THIS AREA. ASSUMED FOUNDATION LEVEL IS 23.600 (TBC ON SITE). THEREFORE LEVEL AND LOAD VALUE FOR SURCHARGE ONTO THE SECANT PILES IS TO BE CONFIRMED IN WSI 1 FOLLOWING EXPOSURE ON SITE.

SURCHARGE LOAD FROM BEDFORD PASSAGE ON ADJOINING OWNERS LAND ON 16.04.2020 UCL CONFIRMED H.A. LOADING 10kN/m² TO BE APPLIED AT 26.600 IN TEMPORARY CONDITION.

ASTOR COLLEGE SITE  
LVL 26.600 (APPROX)

FINAL SETTING OUT OF SECANT PILED WALL TO BE CONFIRMED.

13 TOTTENHAM MEWS

**BASEMENT PLAN**  
1-100