



KEY

- ⊕ Structures(s): 3D Retro-targets top & bottom of wall (Final locations to be agreed)
- + Surface levelling studs (~5m c/c)

The limits given in the table are the maximum and not to be exceeded and if at any time it is deemed that the movement are likely to be exceeded, the contractor is to make all necessary arrangement to bring the movement back to within the acceptable limits for the relevant phase or works.

The contractor is to immediately notify the Supervising Officer and Design Team of any such situation and the proposed remedial works.

Stated movement limits and responses are subject to final agreement as part of the party wall process with adjoining party wall surveyors

Movement Limits and Responses (Adjoining Property)

Action Level	Response	Ground Surface Level	
		Vert., mm	Horiz., mm
Green	No Action	<5	<5
Green / Amber	Re-assess and agree course of action	5 to 8	5 to 8
Red	Stop works and secure adjoining the area	>8	>8

All readings are to be reported to the Supervising Officer and additional members of the team (TBC) within 48 hours of them being made.

The surveying company is to provide a movement survey report with all readings to be provided in a spreadsheet format with accompanying graphs indication the development of each observation with time and appropriate suitable profiles. The accompanying text is to be provided highlighting any trends that are or are likely to be encountered and also record against them the type of work undertaken prior to the readings. Each report is to be dated and referenced and have the site location plan included for easy of locating survey points

If any unusual observations or observations suggesting excessive deformation and/or possible instability are made these should be checked and if confirmed, reported to the Contractor and Engineer immediately.

The survey company is to review the positions show are suitable for surveying from agreed base positions and positions are subject to final site survey.

The survey company is to provide a method statement confirming how the works are to be undertaken giving details of all equipment to be used with data sheets confirming up to date equipment calibration.

Timing of readings (grid level, survey & monitoring)

An initial base reading is to be undertaken 1 month prior to and at start on site and then every 2 weeks from start of piling works.

Readings are to be taken every 2 weeks during basement excavation works.

If casting of slabs or removal of propping falls within the 2 week period then take additional reading in between at 1 week.

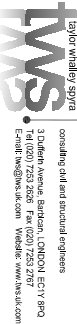
Once the basement box is completed above ground level readings are to be taken every 2 weeks for 3 months and if a trend of reducing rate of movement is established then revert to readings every 4 weeks

If during any of the readings excessive movement is noted revert back to 1 week readings until 2 weeks after readings show excessive movement has stop. Then revert back to readings every 4 weeks.

Revisions		By	Date
Ref.			
3 KIDDERPORE AVENUE LONDON NW3 7SX			

FOR CONSTRUCTION (D&B)

Monitoring of Movement to Surrounding Areas and buildings



Scale at A1	Date	Drawn By	
1:100	15.12.14	AK	
Project No.	Dwg No.	Rev.	
8148	MT01	-	