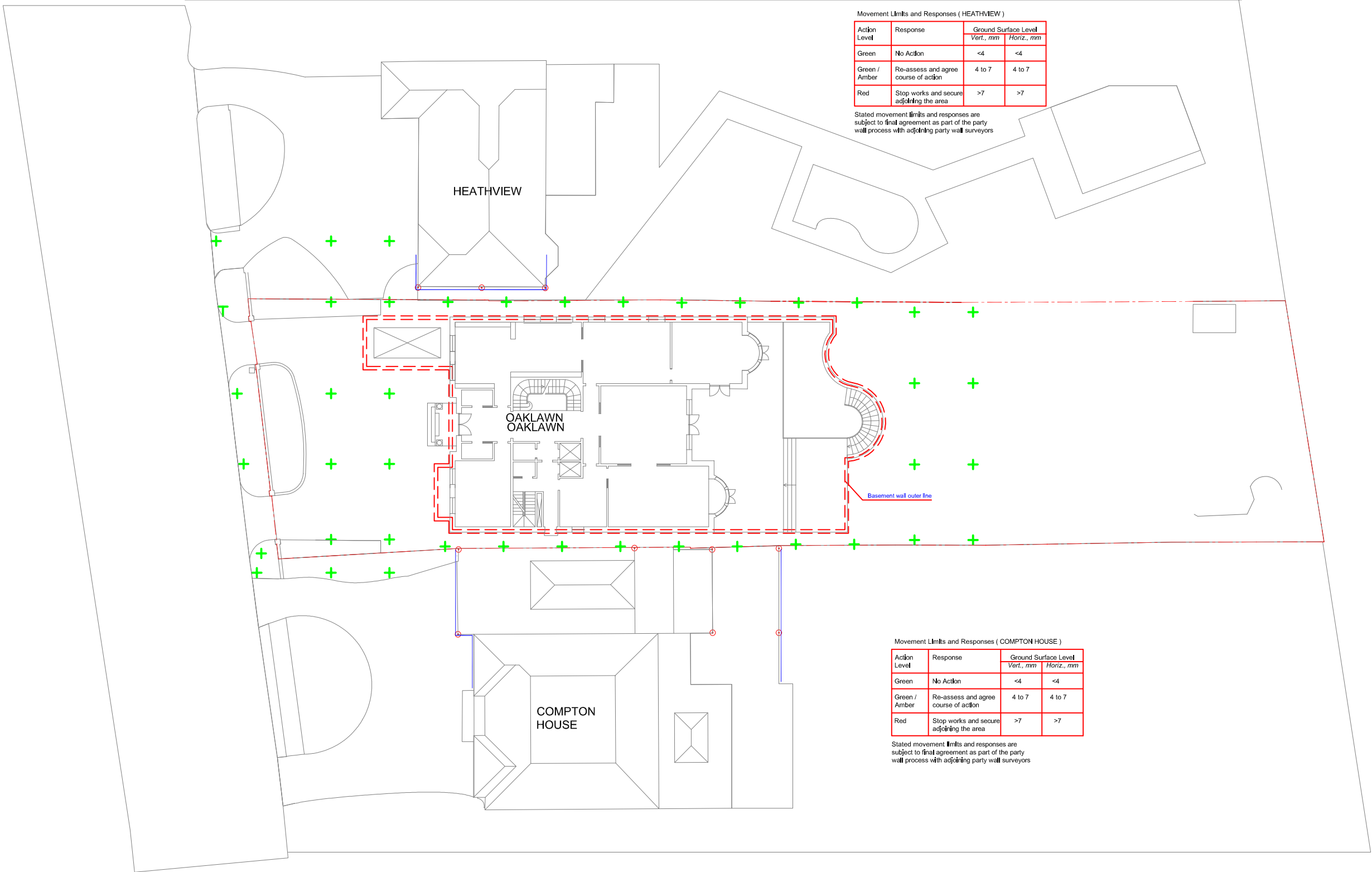


DO NOT SCALE



- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEER'S & SUB-CONTRACTORS DRAWINGS AND DETAILS AND THE PROJECT SPECIFICATION. WHERE ANY DISCREPANCY MAY EXIST BETWEEN THESE NOTES & THE SPECIFICATION, THE SPECIFICATION SHALL PREVAIL.
  - ALL SETTING-OUT TO BE CHECKED AGAINST ARCHITECT'S LATEST SETTING OUT DRAWING.
  - NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.
  - NO DEVIATION MAY BE MADE FROM THE DETAILS SHOWN ON THIS DRAWING WITHOUT PRIOR AGREEMENT OF THE ENGINEERS.
  - ANY DISCREPANCY BETWEEN THIS DRAWING AND ANY OTHER DOCUMENT SHOULD BE REFERRED IMMEDIATELY TO THE ENGINEER.
  - ALL WORKMANSHIP, MATERIALS AND LOADINGS TO BE IN STRICT ACCORDANCE WITH THE LATEST EDITIONS OF:
    - EC0 - BASIC STRUCTURAL DESIGN
    - EC1 - ACTIONS ON STRUCTURES
    - EC2 - DESIGN OF CONCRETE STRUCTURES
    - EC3 - DESIGN OF STEEL STRUCTURES
    - EC7 - GEOTECHNICAL DESIGN
    - THE BUILDING REGULATIONS, MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

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 indicating 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 (grd 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 underpinning and 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 2 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.

- KEY
- Surface levelling studs (~5m c/c)
  - Wall(s): precise levelling at ground level (5m c/c by excavation)
  - Structures(s): 3D Retro-targets top & bottom of wall (Final locations to be agreed)

The movement limits noted on this drawing are taken from basement impact assessment

The contractor is to review this and all other relevant documentation and it is the contractor's responsibility to review the monitoring results and to maintain all ground and building movement within the design parameters and where possible improve upon.

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.

|                                                                                                                                                                                                                                             |                                                                     |                                                                                            |                                                       |                  |                                 |                     |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|---------------------------------|---------------------|------------------|
| <div><div>Studio 1.08,<br/>60 Grays Inn Road,<br/>London, WC1X 8LU,<br/>T: 020 7253 2626<br/>E: mail@simpsoneng.com<br/>W: www.simpsoneng.com</div></div> | Project<br>OAKLAWN, COMPTON AVENUE,<br>HIGHGATE,<br>LONDON, N6 4LB, | Title<br>PROPOSED MONITORING OF<br>MOVEMENT AND SETTLEMENT TO<br>SITE AND SURROUNDING AREA | Scale at A3<br>NTS<br><br>Project Number.<br>P23-1102 | P1<br>MK         | ISSUED FOR PLANNING<br>REVISION | GB<br>BY            | 07.12.23<br>DATE |
|                                                                                                                                                                                                                                             |                                                                     |                                                                                            |                                                       | Date<br>04.12.23 | Drawn By<br>GB                  | Drawing No.<br>SK09 | Rev<br>P1        |