


NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - 'ASK'.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

MONITORING LEGEND

- PROVIDE MONITORING POINTS TO EXISTING WALL AT SPECIFIED LOCATIONS. MONITORING POINTS ARE TO RECORD BOTH VERTICAL AND HORIZONTAL MOVEMENTS OF THE FACADE DURING THE CONSTRUCTION PERIOD. AT THE OUTSET OF THE PROJECT, PRIOR TO EXCAVATION WORKS COMMENCING THE CONTRACTOR IS TO TAKE BASE-LINE READINGS AT EACH MONITORING POINT. EACH MONITORING POINT IS INDICATED THUS: 

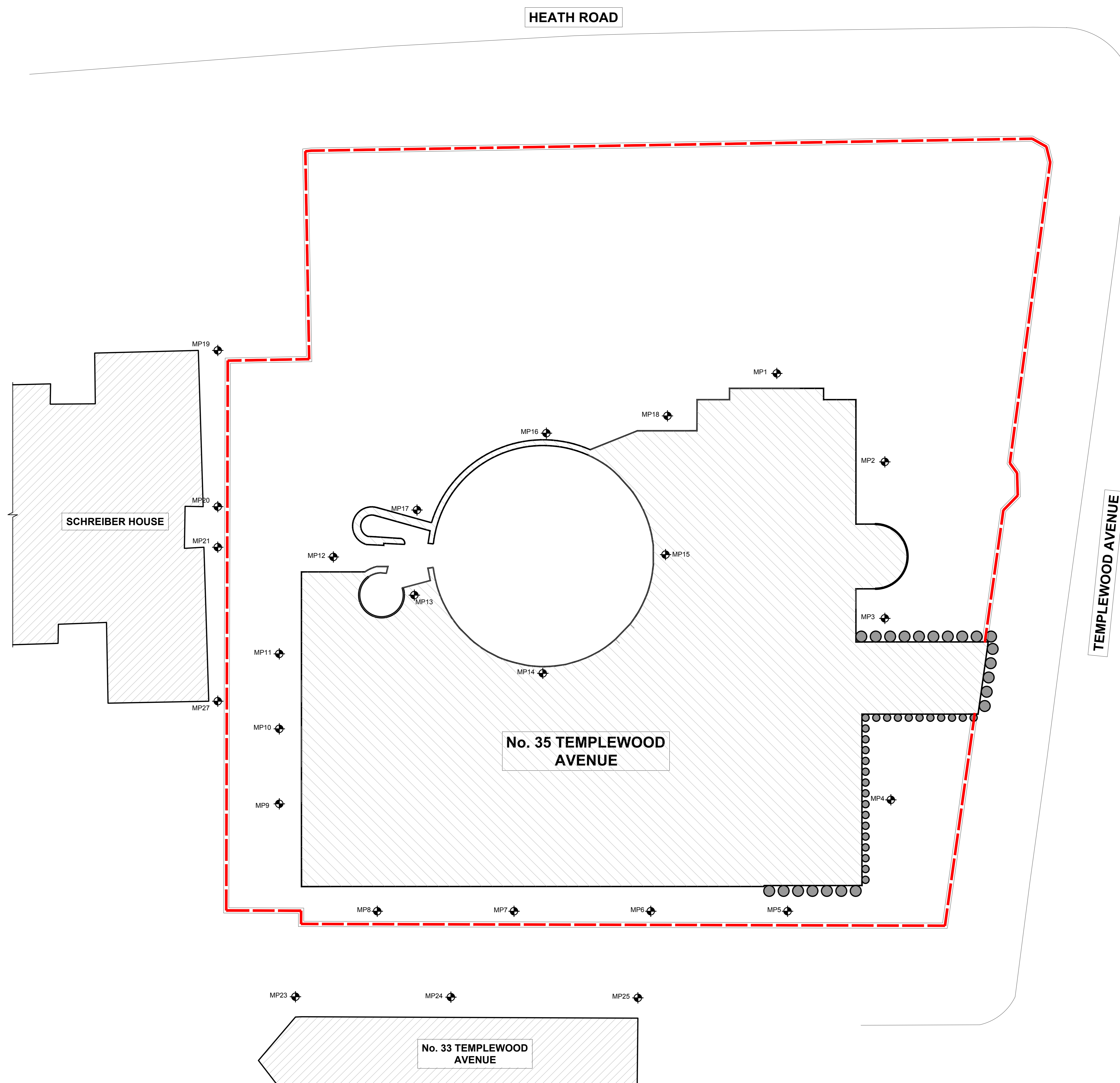
- THE PERIMETER WALLS SHALL BE MONITORED REGULARLY FOR SIGNS OF MOVEMENT BY FOLLOWING METHODS
A - VISUAL INSPECTION
B - ACCURATE SURVEY TECHNIQUES

LOCATION OF TARGETS FOR MONITORING SHALL BE AGREED PRIOR TO COMMENCING WORKS AND SHALL BE RECORDED ON SURVEY DRAWINGS AND RESULTS TABULATED AND PRESENTED GRAPHICALLY AND SUBMITTED TO THE CA ON A WEEKLY BASIS.

- MONITORING OF MOVEMENT SHALL HAVE A MINIMUM ACCURACY OF $\pm 0.2\text{mm}$.
- MONITORING IS TO BE UNDERTAKEN FOR A SUITABLE PERIOD PRIOR TO MAIN EXCAVATION WORKS COMMENCING TO ENABLE BASE MOVEMENT DUE TO DAILY THERMAL EFFECTS TO BE ESTABLISHED.
- READINGS ARE TO BE TAKEN AT THE SAME TIME EACH DAY TO MINIMIZE THE EFFECTS OF TEMPERATURE FLUCTUATIONS.
- OVER THE COURSE OF THE BASEMENT WORKS THE CONTRACTOR IS TO RECORD MONITOR READINGS ON A WEEKLY BASIS.
- IF THE MONITOR READINGS INDICATE EVIDENCE OF MOVEMENTS, THE CONTRACTOR IS TO REFER TO TRIGGER VALUES BELOW. IT IS ALSO ESSENTIAL THAT THE CONTRACTOR RECORDS ACCUMULATIVE MOVEMENTS AT EACH MONITOR.
- THE FOLLOWING TRIGGER VALUES OUTLINE THE ACTIONS TO BE TAKEN.

| TRIGGER VALUE | TOTAL VERTICAL MOVEMENTS | TOTAL HORIZONTAL MOVEMENTS |
|---------------|---|---|
| GREEN | MOVEMENT LESS THAN 3mm ACTION - OK TO PROCEED | MOVEMENT LESS THAN 3mm ACTION - OK TO PROCEED |
| AMBER | EXCEEDS 5mm ACTION - CONTRACTOR TO MONITOR MORE FREQUENTLY, REVIEW CONSTRUCTION METHODS AND START IMPLEMENTING CONTINGENCY MEASURES IF TRENDS INDICATE THE RED TRIGGER MAY SHORTLY BE REACHED | EXCEEDS 5mm ACTION - CONTRACTOR TO MONITOR MORE FREQUENTLY, REVIEW CONSTRUCTION METHODS AND START IMPLEMENTING CONTINGENCY MEASURES IF TRENDS INDICATE THE RED TRIGGER MAY SHORTLY BE REACHED |
| RED | EXCEEDS 5mm ACTION - CONTRACTOR TO IMPLEMENT MEASURES TO CEASE MOVEMENTS AND STOP WORKS. | EXCEEDS 5mm ACTION - CONTRACTOR TO IMPLEMENT MEASURES TO CEASE MOVEMENTS AND STOP WORKS. |

9) FOLLOWING COMPLETION OF THE STRUCTURAL WORKS MOVEMENT MONITORING SHOULD CONTINUE ON A MONTHLY BASIS FOR A PERIOD OF 6 MONTHS.



MONITORING POINTS LOCATION PLAN

SCALE @ A1: N.T.S.
SCALE @ A3: N.T.S.

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|-------|----------|-------------------------|------|-------|------|
| P2 | 14.11.17 | ADDITIONAL POINTS ADDED | E.P. | S.L. | V.B. |
| P1 | 08.09.17 | ISSUED FOR COMMENT | M.A. | S.L. | V.B. |
| ISSUE | DATE | DESCRIPTION | DRN. | ORIG. | P.E. |

| | | |
|--------------|---|--|
| ISSUE STATUS | <input checked="" type="checkbox"/> PRELIMINARY (P1, P2, P3 etc.) | <input type="checkbox"/> PLANNING (PL1, PL2, PL3 etc.) |
| | <input type="checkbox"/> TENDER (T1, T2, T3 etc.) | <input type="checkbox"/> CONSTRUCTION (C0, 1, 2 etc.) |

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PROJECT TITLE
**No. 35 TEMPLEWOOD AVENUE,
LONDON, NW3 7 UY**

DRAWING TITLE
**TEMPORARY WORKS
MONITORING LOCATION PLAN**

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|------------|--------------|---------------|-----------|
| SCALE @ A1 | JOB NO. | DRAWING NO. | ISSUE |
| AS SHOWN | 16848 | T-4000 | P2 |