THE PURPOSE OF THIS STRUCTURAL SURVEY IS TO ESTABLISH THE CONDITION AND PHYSICAL CHARACTERISTICS OF THE EXISTING STRUCTURE AND ELEVATIONS IN RELATION TO PHASE 1 OF THE PROPOSED REFURBISHMENT WORKS (REPAIR TO EXTERNAL ENVELOPE AND STRUCTURE).

SURVEY METHODS SHOULD BE APPROPRIATE FOR USE ON GRADE II * LISTED STRUCTURE. ANY INTRUSIVE INVESTIGATIONS TO BE APPROVED BY RELEVANT AUTHORITIES.

PLAN ON EXISTING THIRD FLOOR
SCALE 1:100

REF	INTRUSIVE INVESTIGATION	TYPE
3.3.1	REMEASURE CRACK MONITORING POINTS. REMOVE FINISH TO ONE SIDE OF WALL (EITHER)	1
3.3.2	TIMBER CONDITION SURVEY	3
3.3.4	REMEASURE CRACK MONITORING POINTS. REMOVE FINISH TO ONE SIDE OF WALL (EITHER)	1
3.3.5	REMEASURE CRACK MONITORING POINTS. REMOVE FINISH TO ONE SIDE OF WALL (EITHER)	1
3.3.7	REMOVE FLOOR TILES TO INVESTIGATE FLOOR	11
3.3.9	BREAK OUT MASONRY ADJACENT TO BALCONY SUPPORT (AFTER PROPPING)	12
3.3.10	REMOVE FLOOR TILES TO INVESTIGATE FLOOR	11
3.3.11	REMOVE FINISHES LOCAL TO CRACK TO DETERMINE CAUSE THICKNESS + FORM OF SCREED.	11
3.3.12	REMOVE FINISHES INTERNALLY TO REVIEW EXTENT OF CRACK	2

REF	OBSERVATION	TYPE
3.3.14	REMOVE PLASTER LOCAL TO CRACK	2
3.3.15	REMOVE PLASTER LOCAL TO CRACK	2
3.3.16	TAKE UP FLOOR FINISHES TO EXPOSE FILLER JOISTS FROM ABOVE AND DETERMINE FINISHES	11
3.3.18	REMOVE CEILING FINISHES.	6
3.3.20	EXPOSE STEEL SUPPORTS BELOW + MEASURE (REVIEW ACCESS REQUIREMENTS)	6
3.3.21	TIMBER CONDITION SURVEY	3
3.3.22	TIMBER CONDITION SURVEY	3
3.3.24	TAKE UP FLOOR FINISHES TO EXPOSE FILLER JOISTS	11
3.3.29	TAKE UP FLOOR FINISHES TO EXPOSE FILLER JOISTS	11
3.3.30	TIMBER CONDITION SURVEY	3
3.3.31	TIMBER CONDITION SURVEY	3
3.3.39	TAKE UP FLOOR FINISHES TO EXPOSE FILLER JOISTS	11

LEGEND

- – INVESTIGATION OF WALL – REFER TO SCHEDULE FOR DETAIL
- – INVESTIGATION OF FLOOR – REFER TO SCHEDULE FOR DETAIL
- – INVESTIGATION OF CEILING – REFER TO SCHEDULE FOR DETAIL
- – INVESTIGATION OF FLOOR & CEILING – REFER TO SCHEDULE FOR DETAIL
- – 150mm DIAMETER CORE SAMPLE THROUGH CONCRETE FLOOR.

NOTE:

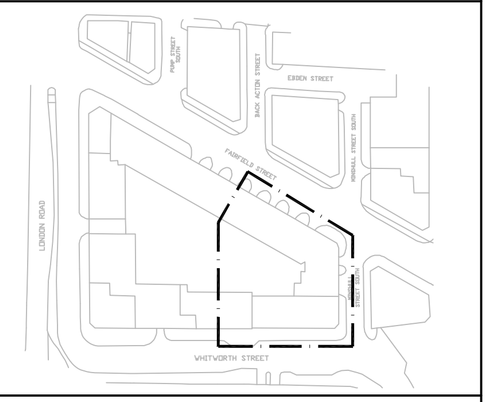
TIMBER SURVEY POSITIONS NOTED ARE NOT EXHAUSTIVE. SCOPE AND EXTENT OF TIMBER CONDITION SURVEY IS TO BE DETERMINED ALONGSIDE SPECIALIST.

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. DRAWING TO BE READ IN CONJUNCTION WITH DETAILED VISUAL SURVEY REPORT AND INTRUSIVE INVESTIGATION REPORT BY CURTINS CONSULTING.
5. CONTRACTOR IS TO PROVIDE A METHOD STATEMENT AND RISK ASSESSMENT TO THE CLIENT PRIOR TO ANY WORKS.

INVESTIGATION TYPES	
1	REMOVE PLASTER LOCAL TO CRACK IN WALL ON ONE SIDE (CLIENT TO ADVISE WHICH SIDE). INVESTIGATE CRACK EXTENT, MEASURE CRACK MONITORING POINTS WHERE APPLICABLE.
2	REMOVE PLASTER TO CRACKED SIDE OF WALL INVESTIGATE CRACK EXTENT, MEASURE CRACK MONITORING POINTS WHERE APPLICABLE.
3	TIMBER CONDITION SURVEY
5	REMOVE BOARDS TO ALLOW INSPECTION OF EXISTING HOLES
6	REMOVE FINISHES TO EXPOSE BEAMS / FILLER JOIST TO SOFFIT. CONCRETE TO UNDERSIDE OF FILLER JOISTS TO BE BROKEN OUT WHERE VISIBLE TO ALLOW INSPECTION
9	EXPOSE LINTEL FULLY TO DETERMINE CONDITION.
10	LIGHT WELL INSPECTION (ARCHITECTURAL)
11	TAKE UP FLOOR FINISHES LOCAL TO CRACK
12	REMOVE BRICKWORK TO EXPOSE STRUCTURE BEHIND (MAY REQUIRE TEMPORARY PROPPING).
13	SPECIALIST SURVEY FOR SIGNIFICANT HERITAGE ITEM.
14	150mm CONCRETE CORE THROUGH FLOOR SLAB
15	STEEL SAMPLE FROM EXPOSED MEMBER FOR TESTING
16	REMOVAL OF MASONRY SAMPLE FOR TESTING

FOR INFORMATION ON EACH INVESTIGATION REFER TO CURTINS INVESTIGATION AND REPAIR SCHEDULE.



KEY
SCALE 1:1500

REFERENCE DRAWINGS

THIRD FLOOR OBSERVATIONS – 060270/10-03-03

CONDITION SURVEY SPEC – 060270/SPEC-20-00-01-03

Rev:	Description:	Date:	By:	Chkd:

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Status: INFORMATION

Project: LONDON ROAD FIRE STATION

Drg Title: THIRD FLOOR INTRUSIVE INVESTIGATION SHEET 3 OF 3

Scale:	Size:	First Issue:	Drawn:	Checked:
AS SHOWN	A1	12.04.16	CH	PB

Drg No: 060270 / SPEC-10-03-06

Rev: V01

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