

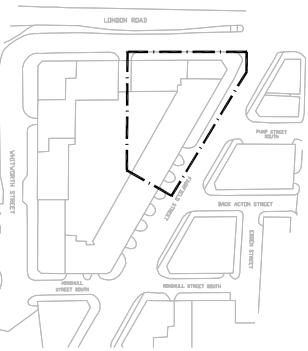
NOTES:

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. REMOVE PLASTER TO EXPOSE BRICK & MORTAR. MEASURE CRACK LENGTH & WIDTH. MEASURE CRACK MONITORING POINTS WHERE APPLICABLE.
- 2 THINER CONDITION SURVEY
- 3 REMOVE BOARDS TO ALLOW INSPECTION OF EXISTING HOLES
- 4 REMOVE FINISHES TO EXPOSE BEAMS / FILLER JOISTS TO BE EXPOSED TO INSPECT FOR WEAR OR ALLOW INSPECTION
- 5 EXPOSE UNTEL FALLY TO DETERMINE CONDITION.
- 6 LIGHT WELL INSPECTION (ARCHITECTURAL)
- 7 TAKE UP FLOOR FINISHES LOCAL TO CRACK
- 8 REMOVE BRICKWORK TO EXPOSE STRUCTURE BEHIND (ANY REQUIRE TEMPORARY PROPPING).
- 9 SPECIALIST SURVEY FOR SIGNIFICANT HERITAGE ITEM.
- 10 150mm CONCRETE CORE THROUGH FLOOR SLAB
- 11 STEEL SAMPLE FROM EXPOSED MEMBER FOR TESTING
- 12 REMOVAL OF MASONRY SAMPLE FOR TESTING

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



KEY
SCALE 1:1500

REFERENCE DRAWINGS

- BASEMENT OBSERVATIONS – 060270/10-B01-01
CONDITION SURVEY SPEC – 060270/SPEC-20-00-01-03

Rev	Description	Date	By	Chkd
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INFORMATION

Project: LONDON ROAD FIRE STATION

Dwg Title: BASEMENT INTRUSIVE INVESTIGATION
SHEET 1 OF 3

Scale:	Size:	First Issue:	Drawn:	Checked:
AS SHOWN	A1	12.04.16	CH	P83

Dwg No: 060270 / SPEC-10-B01-04

Rev: V01

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REF	INTRUSIVE INVESTIGATION	TYPE
B.1.2	BREAK OFF CONCRETE TO REVEAL BEAM.	6
B.1.7	REMOVE FINISHES TO EXPOSE BEAM	6
B.1.9	CLEAN OFF LIGHTWELL AND FIND LEAK	10
B.1.12	REMOVE PLASTER	6
B.1.13	REMOVE 3No. BRICKS FOR TESTING	16
B.1.14	REMOVE 3No. BRICKS FOR TESTING	16
B.1.15	REMOVE PLASTER TO CRACKED SIDE OF WALL	2
B.1.16	REMOVE CEILING FINISHES AND EXPOSE FILLER JOISTS TO ALLOW INSPECTION	6

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).

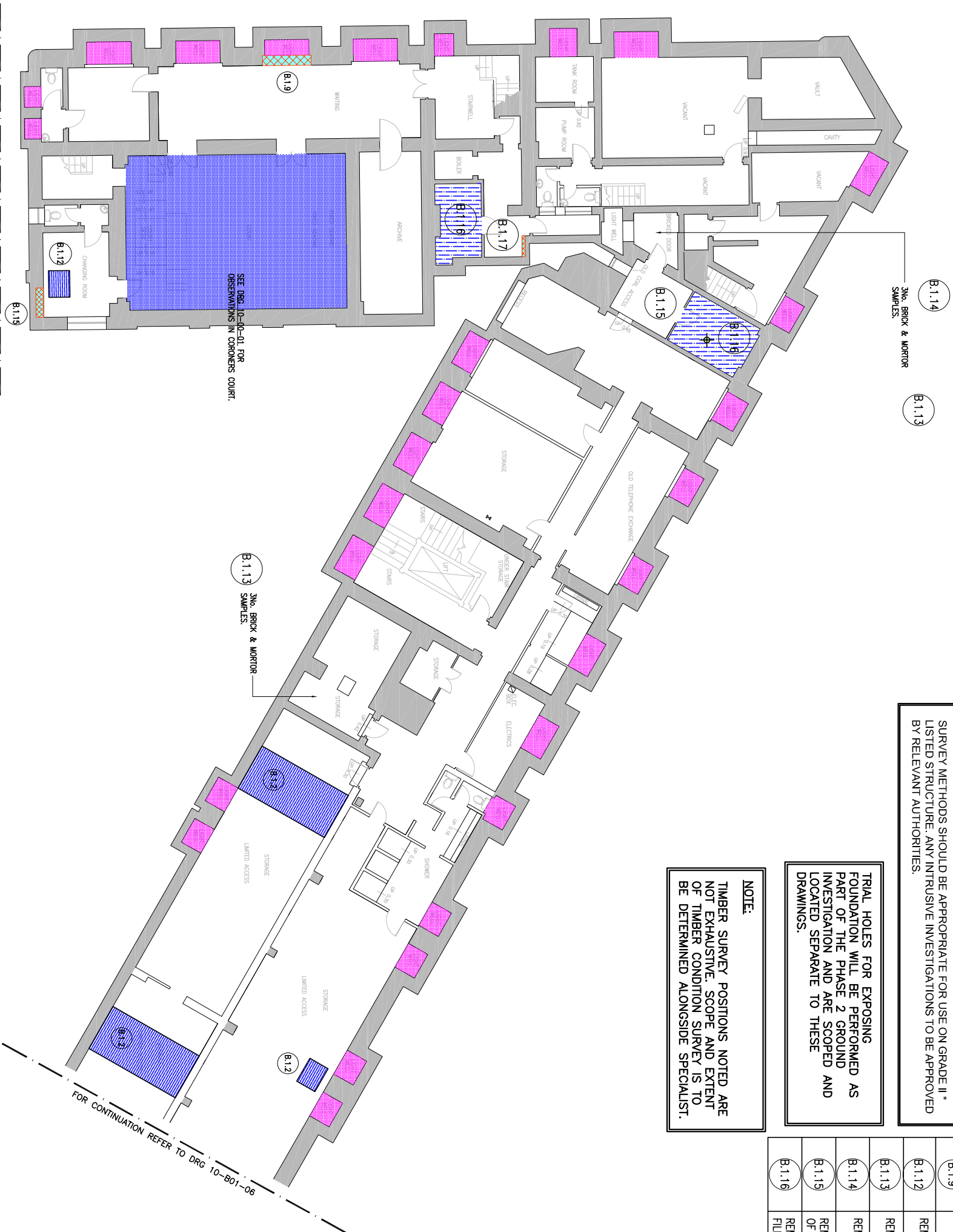
SURVEY METHODS SHOULD BE APPROPRIATE FOR USE ON GRADE II * LISTED STRUCTURE. ANY INTRUSIVE INVESTIGATIONS TO BE APPROVED BY RELEVANT AUTHORITIES.

TRIAL HOLES FOR EXPOSING FOUNDATION WILL BE PERFORMED AS PART OF THE PHASE 2 GROUND INVESTIGATION AND ARE SCOPED AND LOCATED SEPARATE TO THESE DRAWINGS.

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

LEGEND

- INVESTIGATION TO WALL – REFER TO SCHEDULE FOR DETAIL.
- INVESTIGATION TO FLOOR – REFER TO SCHEDULE FOR DETAIL.
- INVESTIGATION TO CEILING – REFER TO SCHEDULE FOR DETAIL.
- INVESTIGATION TO FLOOR & CEILING – REFER TO SCHEDULE FOR DETAIL.
- 150mm DIAMETER CORE SAMPLE THROUGH CONCRETE FLOOR.
- BASEMENT IN GENERALLY DRY, SOUND CONDITION.
- NO ACCESS – ASBESTOS.
- EVIDENCE OF PREVIOUS WATER INGRESS TO ALL LIGHT WELLS.
- NOTE:
ARCHITECTURAL SURVEY REQUIRED FOR LIGHT WELLS (TO BE SCOPED BY OTHERS)



PLAN ON EXISTING BASEMENT
SCALE 1:100

FOR CONTINUATION REFER TO DRG 10-B01-05

FOR CONTINUATION REFER TO DRG 10-B01-06