

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.

REF	INTRUSIVE INVESTIGATION	TYPE
B.2.1	CLEAN OFF LIGHTWELL AND FIND LEAK	10
B.2.2	REMOVE EXPOSE FINISHES TO EXPOSE BEAM	6
B.2.3	REMOVE CEILING FINISHES AND EXPOSE FILLER JOISTS TO ALLOW INSPECTION	6
B.2.4	SOFT STRIP TO CEILING	6

B.2.5	SOFT STRIP TO CEILING	6
-------	-----------------------	---

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.

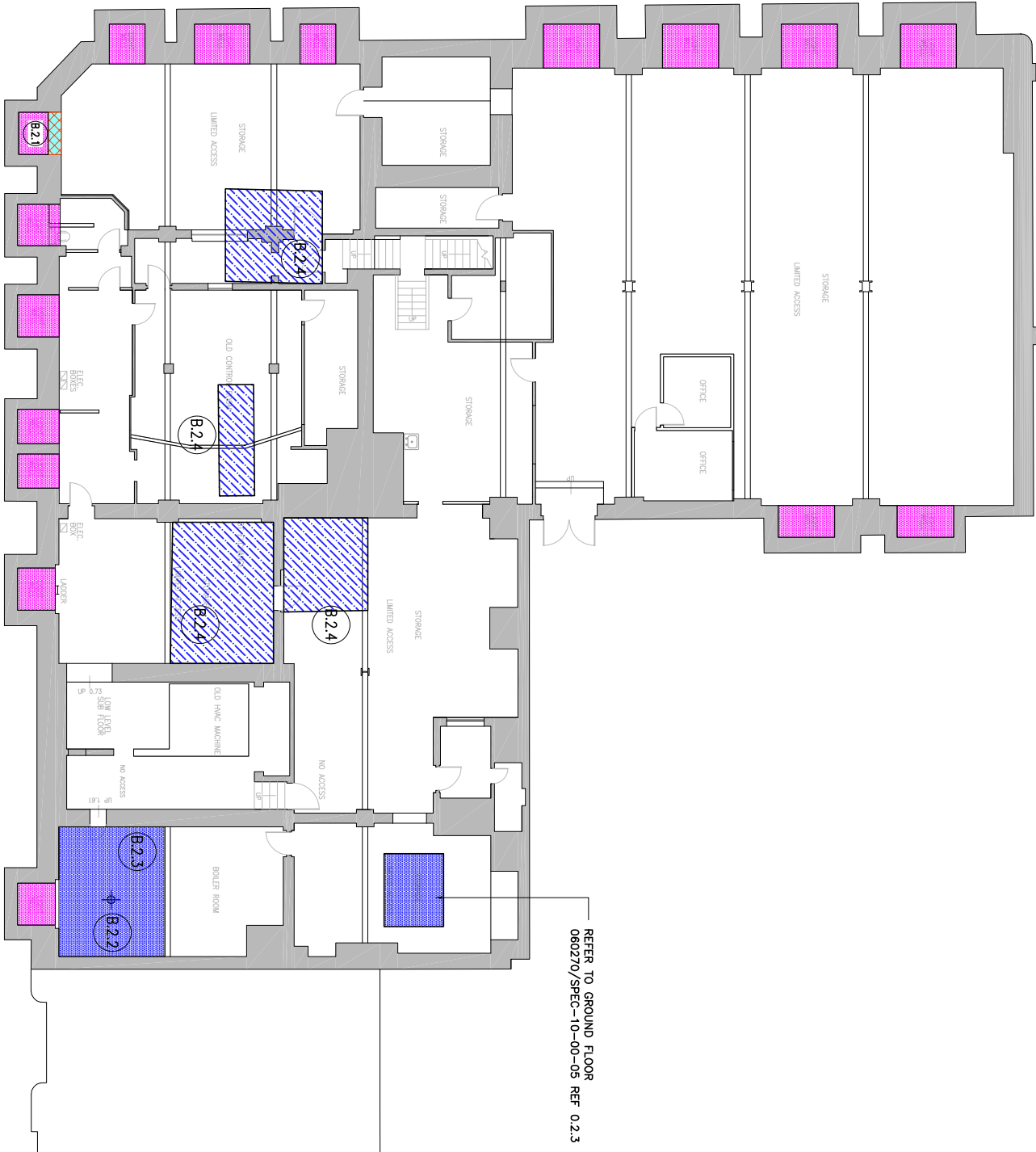
BASEMENT IN GENERALLY DRY, SOUND CONDITION

NO ACCESS – ASBESTOS.

EVIDENCE OF PREVIOUS WATER INGRESS TO ALL LIGHT WELLS.

NOTE:
ARCHITECTURAL SURVEY REQUIRED FOR LIGHT WELLS (TO BE SCOPED BY OTHERS)

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



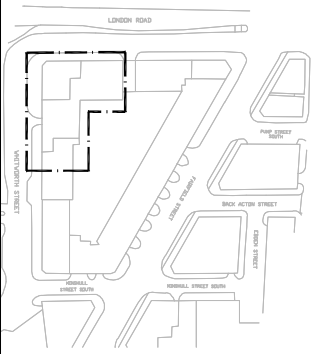
PLAN ON EXISTING BASEMENT
SCALE 1:100

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 (CLIMB TO ADJACENT WHICH SIDE), INVESTIGATE CRACK EXTENT, DETERMINE IF CRACK IS THROUGH WALL OR SURFACE CRACK. REMOVE PLASTER TO CRACKED SIDE OF WALL. INVESTIGATE CRACK EXTENT. MEASURE CRACK MONITORING POINTS WHERE APPROPRIATE.
2	TIMBER CONDITION SURVEY
3	REMOVE BOARDS TO ALLOW INSPECTION OF EXISTING HOLES
4	REMOVE FINISHES TO EXPOSE BEAMS / FILLER JOISTS TO BE BROKEN OUT WHERE VISIBLE TO ALLOW INSPECTION
5	EXPOSE UNTIL FULLY TO DETERMINE CONDITION.
6	LIGHT WELL INSPECTION (ARCHITECTURAL)
7	TAKE UP FLOOR FINISHES LOCAL TO CRACK
8	REMOVE BRICKWORK TO EXPOSE STRUCTURE BEHIND (WALL REMOVED 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-B01-02
CONDITION SURVEY SPEC – 060270/SPEC-20-00-01-03

Rev	Description	Date	By	Chkd
-----	-------------	------	----	------



Curtins Consulting Ltd
Medbury Exchange, 17-19 Whitworth Street West, M1 5WG
t: 0161 275 2200
e: mcurtis@curtins.com
www.curtins.com

Structures - Civils - Environmental - Infrastructure - Transport Planning - Sustainability - Expert Advisory Services
Building - Urban Design - Heritage - Landscape - Archaeology - Planning - Environmental - Engineering

INFORMATION

Project: LONDON ROAD FIRE STATION

Dwg Title: BASEMENT INTRUSIVE INVESTIGATION
SHEET 2 OF 3

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

Dwg No:	Rev:
060270 / SPEC-10-B01-05	V01