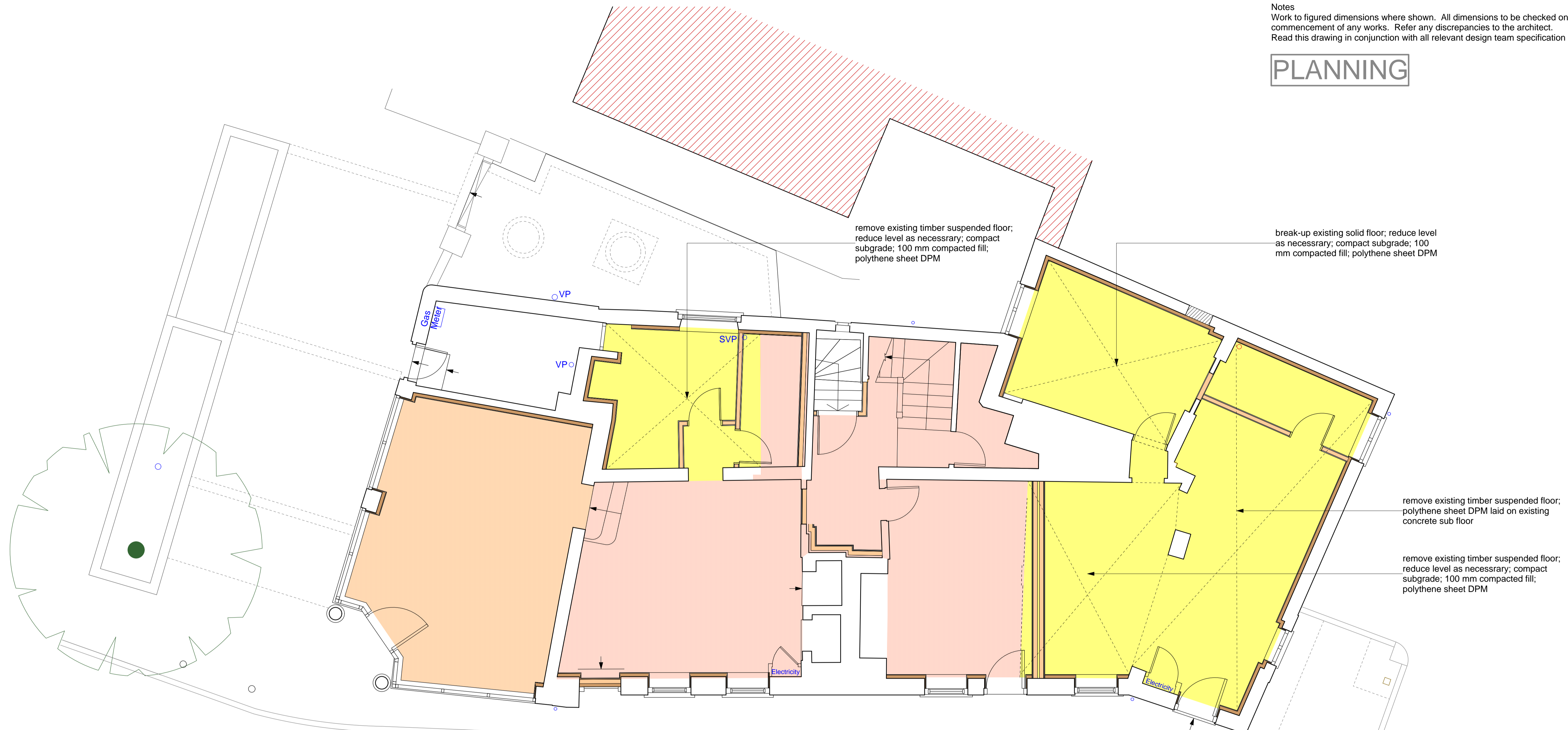


Notes
 Work to figured dimensions where shown. All dimensions to be checked on site prior to commencement of any works. Refer any discrepancies to the architect.
 Read this drawing in conjunction with all relevant design team specification and drawings.

PLANNING



NOTES

B1 Means of escape in case of fire

FIRE DETECTION AND FIRE ALARM SYSTEM
 - In accordance with the relevant recommendations of BS 5839-6:2004 *Code of practice for the design, installation and maintenance of fire detection and fire alarm systems in dwellings* to at least a Grade D Category LD3 standard.

SMOKE AND HEAT ALARMS
 - Mains-operated and conforming to BS 5446-1:2000 or BS 5446-2:2003 respectively: *Fire detection and fire alarm devices for dwellings, Part 1 Specification for smoke alarms*; or Part 2 *Specification for heat alarms*.
 - Provide standby power supply

EMERGENCY EGRESS WINDOWS to all habitable rooms at first floor level:
 - Unobstructed openable area of at least 0.33 m² and at least 450 mm high x 450 mm wide. Bottom of openable area should not be more than 1100 mm above the floor.

B3 Fire spread (Structure)

COMPARTMENT FLOORS BETWEEN RESIDENTIAL UNITS
 - 60 minute fire resistance.

SERVICE PIPELINES, CABLES, ETC.
 - Do not run pipelines, cables, etc. for first floor level residential accommodation in Party Floor.

RECESSED DOWNLIGHTERS
 - Designed and installed to meet relevant requirements of AD B.

E1 Protection against sound from other parts of the building and adjoining buildings

SOUND RESISTANCE BETWEEN ALL UNITS
 - To meet requirements of AD E Section 1.

SERVICE PIPELINES, CABLES, ETC.
 - Do not run pipelines, cables, etc. for first floor level residential accommodation in Party Floor.

RECESSED DOWNLIGHTERS
 - Fire and acoustic light covers: Fit to fittings within Party Floors to maintain acoustic integrity of the light fitting.

PRE-COMPLETION TESTING
 - In accordance with AD E Section 1.
 - Paragraph 1.40 will apply:
As stated in Section 0, in the case of some historic buildings undergoing a material change of use, it may not always be practical to achieve the sound insulation values set out in Section 0: Performance – Tables a and b. However, in such cases building control bodies should be satisfied that everything reasonable has been done to improve the sound insulation. Tests should be carried out, and the results displayed as indicated in Section 0, paragraph 0.7.

KEY

INSULATION FITTED BETWEEN EXISTING SUSPENDED GROUND FLOOR JOISTS
 - Carefully lift existing modern floor boarding and set aside for re-use.
 - Support: 20-25 mm square mesh polyethylene net draped over joists and stapled to sides of joists.
 - Thermal insulation: 2 layers 100 mm glass wool batts to BS EN 13163; joints butted, no gaps.
 - Thermal conductivity: 0.038 W/mK
 - Airtight and humidity-variable performance vapour control membrane: pro clima DB+
 - Refix floor boarding set aside previously.
 - Services: Do not run pipelines, cables, etc. within floor.

COMPARTMENT FLOOR TO BASEMENT
 - Carefully lift existing modern floor boarding and set aside for re-use.
 - Thermal insulation: 2 layers 100 mm glass wool batts to BS EN 13163; joints butted, no gaps.
 - Thermal conductivity: 0.038 W/mK
 - Airtight and humidity-variable performance vapour control membrane: pro clima DB+
 - Refix floor boarding set aside previously.
 - Services: Do not run pipelines, cables, etc. within floor.

INSULATED CONCRETE SLAB
 - Underslab thermal insulation: 2 layers 100 mm PIR: all joints staggered.
 - Perimeter thermal insulation: 60 mm PIR.
 - Thermal conductivity: 0.022 W/mK
 - Slab: 150 mm RC30 in situ concrete; trowelled finish to receive thin floor finishes
 - Services: Do not run pipelines, cables, etc. within floor.

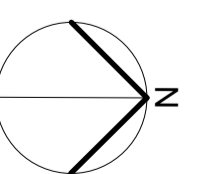
INTERNAL WALL INSULATION
 - Air barrier: Ensure continuity of existing plaster finishes; lime-based parge coat where missing e.g. within first floor depth.
 - Thermal insulation: 80 mm woodfibre, mechanically fixed.
 - Thermal conductivity: 0.044 W/mK
 - Internal finish: Proprietary lime-based render/ mesh system.

PARTY WALL
 - Double stud wall/ lining to existing walls to meet requirements of B3 Fire Spread (Structure) and E1 Protection against sound from other parts of the building.
 - Finish: 15 mm woodwool board with proprietary lime-based render/ mesh system finish.

INTERNAL PARTITION
 - Timber studwork with fibre acoustic insulation to meet requirements of B3 Fire Spread (Structure) and E1 Protection against sound from other parts of the building.
 - Lining both sides: 15 mm woodwool board with proprietary lime-based render/ mesh system finish.

Rev	Date	Amendment	By	Chkd
C	27.09.18	Good Architecture office address amended; planning issue	AG	
B	30.08.18	Units 3 + 4 shared entrance moved; existing entrance door leaf retained; lime-based render finish to internal partitions; planning issue	AG	
A	23.03.18	Initial issue	AG	

0 1 2 3 4 5 metres



Proposed ground floor treatment

Proposed conversion to dwellings
 Chequers House, 1, 3 and 5 Park Street, Hatfield AL9 5AT

Scale 1:50 @ A1 1:100 @ A3 Date Mar 2018 Drawing no. 16_372 | L | 121_C