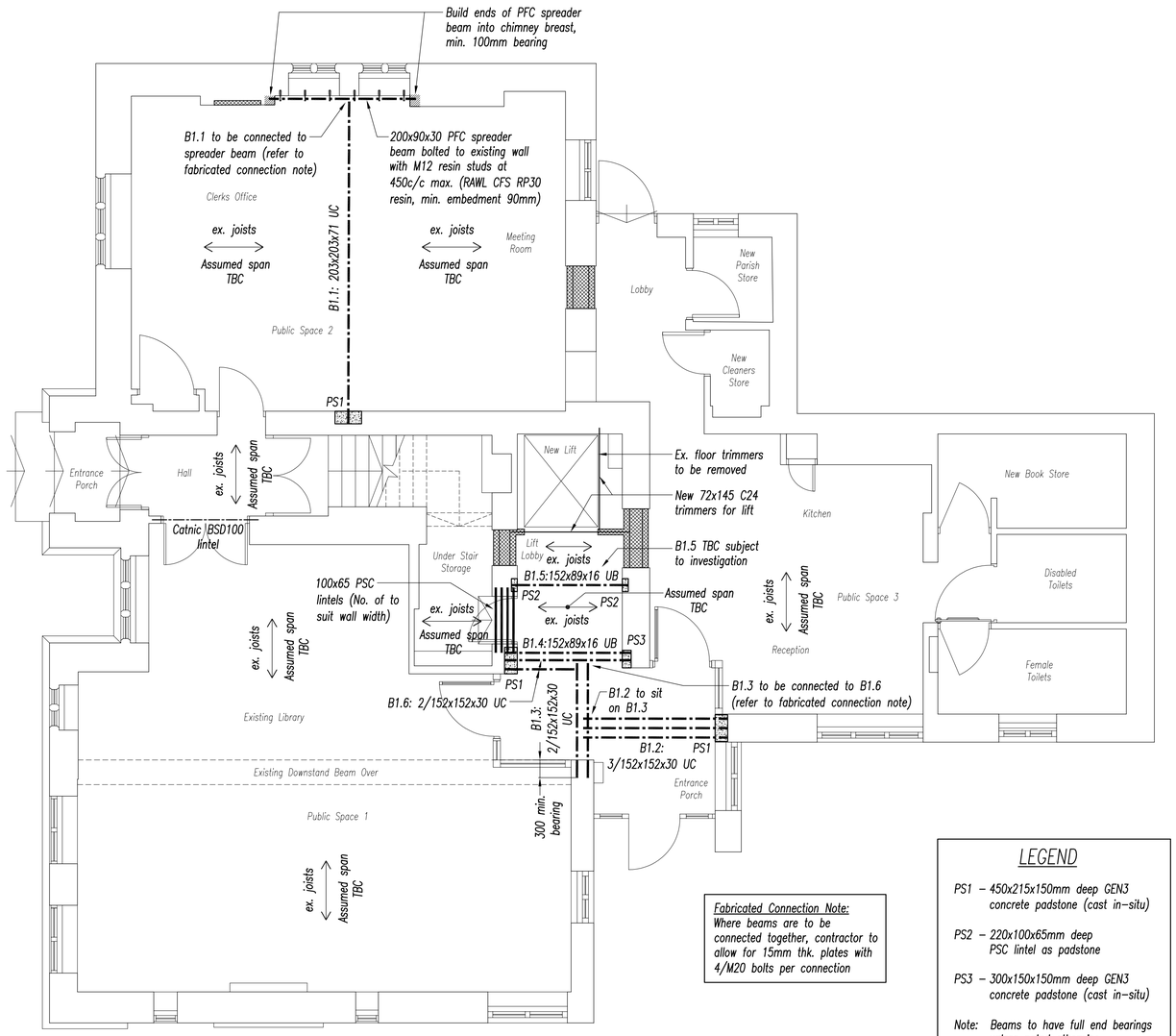

Fabricated Connection Note:
Where beams are to be connected together, contractor to allow for 15mm thk. plates with 4/M20 bolts per connection

LEGEND

PS1 – 450x215x150mm deep GEN3 concrete padstone (cast in-situ)

PS2 – 220x100x65mm deep PSC lintel as padstone

PS3 – 300x150x150mm deep GEN3 concrete padstone (cast in-situ)

Note: Beams to have full end bearings unless noted otherwise

Ground Floor Plan

Showing Structure Over

1:50

notes

1. This drawing to be read in conjunction with Beveridge Chartered Structural Engineers drawings Y197 together with Architect drawings and specifications.
2. DO NOT SCALE from this drawing. All setting-out to dimensions shown on architect drawings and by site measurement.
3. Any discrepancies discovered on site that would alter details indicated on this drawing to be brought to the attention of Beveridge Chartered Structural Engineers for further instructions.
4. All work to be carried out in accordance with all current Health and Safety legislation and Approved Codes of Practice.
5. All proprietary materials to be used strictly in accordance with manufacturer instructions and recommendations.
6. All damp proofing, thermal and sound insulation to architect specification.
7. Under CDM 2015 the client must appoint a suitable Principal Designer and Principal Contractor to manage the health and safety aspects of the project.
8. The Principal Contractor must appoint a temporary works coordinator responsible for the implementation of temporary works procedures and be suitably competent and experienced to design and install the temporary support works to BS5975 required to maintain the integrity and stability of the building and excavations throughout the project. If in doubt a specialist temporary works contractor should be employed.
9. Wall ties to be stainless steel and provided in accordance with BS 5628-1. Ties to be provided at max. 750ctrs. horizontally and 450ctrs vertically. Ties must be evenly distributed over the wall area (except around openings) and should be staggered. Spacing may be reduced to suit restraint requirements of cavity insulation board within cavities, if required.
10. All structural timber to be minimum grade [C24] unless specified otherwise.
11. All structural steelwork to be fabricated, supplied and erected in accordance with the National Structural Steelwork Specification for Building Construction 5th/ edition CE Marking Version October 2010.
12. All structural steelwork designed as Execution Class 2 minimum grade S355. To be desclaed and shop primed with zinc phosphate primer [dry film thickness 75 microns].
13. All steelwork shown on drawing to be galvanised to be chemically cleaned and hot dip galvanised to BS EN ISO 1461 min mean coating thickness 85 microns. Coating to be fully continuous or otherwise repaired using zinc alloy repair rods. A trial dip is recommended to ensure distortion does not occur.
14. All steelwork below dpc level or in contact with external walls to be painted 3 coats bituminous emulsion on site. In addition, all steelwork below dpc level to be concrete encased [RC35] min 100 thick.
15. The contractor is to provide adequate lifting equipment to allow safe installation of beams. Approximate weights of beam lengths TBC by suppliers.

rev	date	by	description
T1	07.11.19	MAG	Building Regulations & tender issue NOT FOR CONSTRUCTION

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drg title
Ground Floor Reflected Ceiling Plan

job no	drg no	rev
Y197	02	T1

date Nov 2019	scale 1:50/A1
drawn MAG	filename