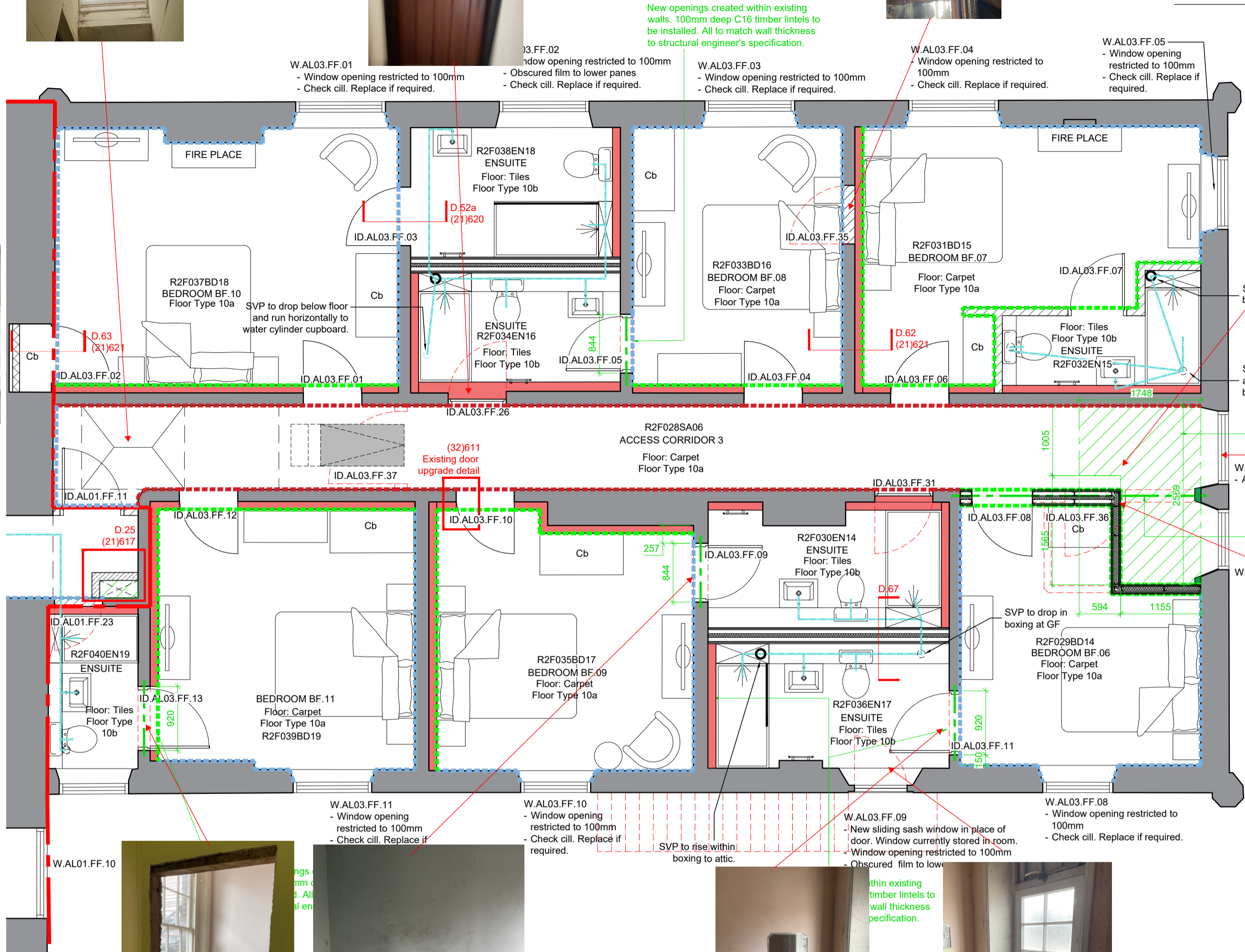




01 DARCY HOUSE (ABBOT'S LODGING) SOUTH WING - FIRST FLOOR PLAN
Scale 1:50 @ A1

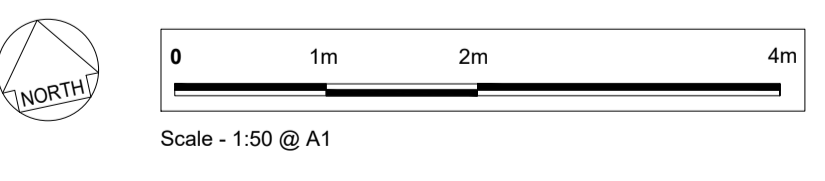


02 DARCY HOUSE (ABBOT'S LODGING) GROUND FLOOR PLAN
Scale 1:50 @ A1

Demolitions and Alterations Key

- Existing wall to be carefully removed.
- Existing floors to be removed. Opening to be suitably trimmed.
- 150mm Thick RC.35 Slabs To be reinforced with 2no layers of A252 mesh (1no top & 1no bottom) with 35 cover.
- All slab/thickenings / pad footings to be on a 50mm Gen 1 blinding layer on a 150mm thick MOT Type 1 compacted hardcore layer. All concrete mixes to be designated mixes defined in BS8500.
- If there is an existing hardcore layer that is thick enough, it may be possible to compact this and use it. Refer back to the structural engineer if in doubt.
- Min. A252 mesh overlap to be 500mm.
- Trimmer Connections**
- Use Simpson Strong-Tie SAE/SAI joist hangers. Joist hangers to be 60% of the 170mm trimmers depth (Minimum). For T2 - T3 use SAI 380/912. Minimum edge end distance (T2) to first line of nails = 20mm.
- All trimmers to be bolted together with M12 (4.6) bolts @ 400 C/Cs unless stated otherwise.
- All Steelwork**
- All steelwork to be hot finished Grade S275. Steelwork to be blast cleaned to SA2.5 and painted with 2no coats of Zinc rich primer. Execution Class 2 (EXC2) to be used for all fabricated steelwork.
- All bolted connections to be with M16 bolts grade 8.8 unless noted otherwise.
- New structure above - To structural engineer's specification and design.
- 100mm Thick RC.35 Slabs To be reinforced with 1no layer of A252 mesh in the middle.
- Slab thickening / footing for columns. Refer to drawing for specification. Refer to Structural engineer's details for connections design.
- All structural welds to be 6 fillet welds.
- Check orientation of column cap and base plates with position on plan.
- Rawlf KF-2 Resin anchors:** Substrate holes to be drilled and clean in strict accordance with the latest manufacturer's instructions. Note: the resin working and curing times which are related to the base material temperature. Refer to the same information for with required drilled substrate hole diameters. Standard embedment depths (unless noted otherwise on drawings) and recommended torque settings.
- Bolt spacing in beam end plates:** To be in accordance with BS5950-1:2000
 - Min bolt edge and end distance to comply with table 29
 - Clause 6.2.1.1 - Spacing between bolts to be not less than 2.5D (D= Bolt diameter)
 - Clause 6.3.4.2 - Cross centre spacings of the bolt lines should not exceed 55% of the beam flange width.
- General Note**
- All structural works are taken from structural engineer's sketches and drawings. Contractor should satisfy themselves that notes reflect the structural engineer's latest design prior to proceeding. All information is to be read in conjunction with structural engineer's GA's and details.

OVERVIEW PLAN - DARCY HOUSE ABBOT LODGING PHASE 3
Scale 1:500 @ A1



General Notes

- All setting out to be confirmed.
- Dimensions to be confirmed supplier.

NOTES

- All dimensions and levels are to be checked on site.
- Any discrepancies are to be reported to the Wighton Architects Ltd before any work commences.
- This drawing shall not be scaled to ascertain any dimensions. Work to figured dimensions only.
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rev	date	drawn	checked
A	27/04/22	JSE	SW

Issued for construction

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drawing status	CONSTRUCTION		
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drawing title	DARCY HOUSE - ABBOT LODGING PHASE 3 - FF PLAN DEMOLITIONS & ALTERATIONS		
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B	08/06/22	SW	JSE

Structural notes revised in line with information received by structural engineer.

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