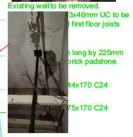

General Notes

- All setting out to be confirmed.
- Lift size requirements to be confirmed by client and 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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01 DARCY HOUSE (ABBOT'S LODGING) SOUTH WING - GROUND FLOOR PLAN

Scale 1:50 @ A1

02 DARCY HOUSE (ABBOT'S LODGING) EAST WING - GROUND FLOOR PLAN

Scale 1:50 @ A1

Demolitions and Alteratcns Key

- Existing wall to be carefully removed.
- Existing flors 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.
- 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. Refe to Structural engineer's details for connections design.

All slabs/thickenings / pad footings to be on a 50mm Gen 1 blinding layer on a 150mm hick 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 380/91/2. 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 and comply with BS5950 AND BS EN 10023.
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.

All temporary propping to maintain safety and integrity of the building to be by the contractor.

All structural welds to be 6 fillet welds.

Check orientation of column cap and base plates with position on plan.

Rawl 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 wth 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
1. Min bolt edge and end distance to comply with table 29
2. Clause 6.2.1.1 - Spacing between bolts to be not less than 2.5D (D= Bolt diameter)
3. 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 stuctural engineer's latest design prior to proceeding. All information is to be read in conjuction with

OVERVIEW PLAN - DARCY HOUSE ABBOT LODGING PHASE 3

Scale - 1:500 @ A1

Scale - 1:50 @ A1

rev	date	drawn	checked
C	04/08/22	JSE	SW

Structural engineer's design for spiral stair added.

rev	date	drawn	checked
B	08/06/22	SW	JSE

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

rev	date	drawn	checked
A	27/04/22	JSE	SW

Issued for construction

drawing stage: CONSTRUCTION

drawing status: CONSTRUCTION

client: CITY & COUNTRY RESIDENTIAL LTD

project: ST OSYTH'S PRIORY, THE BURY
ST OSYTH, ESSEX, CO16 8HS
DARCY HOUSE

drawing title: DARCY HOUSE - ABBOT LODGING PHASE 3 - GF PLAN DEMOLITIONS & ALTERATIONS

date: 06/04/2021 drawn: JSE

scale: 1:50 @ A1 checked: SW

WIGHTON ARCHITECTS
Matthew Murray House, 97 Water Lane, Leeds
West Yorkshire, LS11 5QN - tel: 0113 833 0833
Email info@wightonarchitects.com

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