



KEY

- Existing structure
- Existing elements to be removed
- Construction element marker
- Structural Element to Structural Engineers (S.E.) design and specification
- Existing Portal Frame structure

Notes

Fireproofing to all steels to be encased in 12.5mm Gyproc Line board with staggered joints or intumescent paint i.e. Nulfire S or similar to provide a minimum 1/2 hour fire resistance.

Refer to drawing 500 CONSTRUCTION BUILD UPS for Construction details and Building regulations notes.

MECHANICAL ELECTRICAL AND PLUMBING NOTES: ALL MEP DESIGNS ARE TO CONTRACTS DESIGN. TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORKS. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ARCHITECT IMMEDIATELY.

FOUL DRAINAGE:
All works within 3 meters of mains sewer to be approved by Water Utilities provider via approval of application or as required.

Underground drainage to consist of 100mm diameter UPVC proprietary pipe work to give a 1:40 approx. fall. Surround pipes in 100mm pea shingle.
Provide 60mm suitable cover (900mm under drives). Shallow pipes to be covered with 100mm reinforced concrete slab over compressible material. Provide rodding access at all changes of direction and junctions. All below ground drainage to comply with BS EN 1401-1: 2009.

STORM DRAINAGE:
All existing rainwater goods to be inspected and confirmed suitable to be retained. New rainwater goods as per approved sample style and colour e.g. black uPVC or Marley Alutec 100x100mm powder coated aluminium gutters taken and connected into 60mm dia black uPVC or powder coated aluminium round downpipes. Rainwater taken to new soakaway, situated a min distance of 5.0m away from any building, via 110mm dia uPVC pipes surrounded in 150mm granular fill. Soakaway to be min of 2 cubic metre capacity (or to depth to Local Authorities approval) with suitable granular fill and with geotextile surround to prevent migration of fines. If necessary carry out a porosity test to determine design and depth of soakaway. All existing drainage positions are to be confirmed onsite.

20 Updated Drawings	29/04/2021	n
ISSUE REASON FOR ISSUE	DATE ISSUED	REV.

STAGE:
4-TECHNICAL DESIGN - BUILDING REGULATIONS

CLIENT:
ELMTREE AGRICULTURAL

PROJECT ADDRESS:
HAZEL & MAPLE BARN CONVERSION AT GREEN END, GRANBOROUGH

DRAWING:
PROPOSED GROUND FLOOR PLAN

SCALE @ A1 DRAWING NO. REVISION
1:50 18218ET 4_113 n

A PROPOSED GROUND FLOOR PLAN
113 Scale: 1:50 @ A1 / 1:100 @ A3

