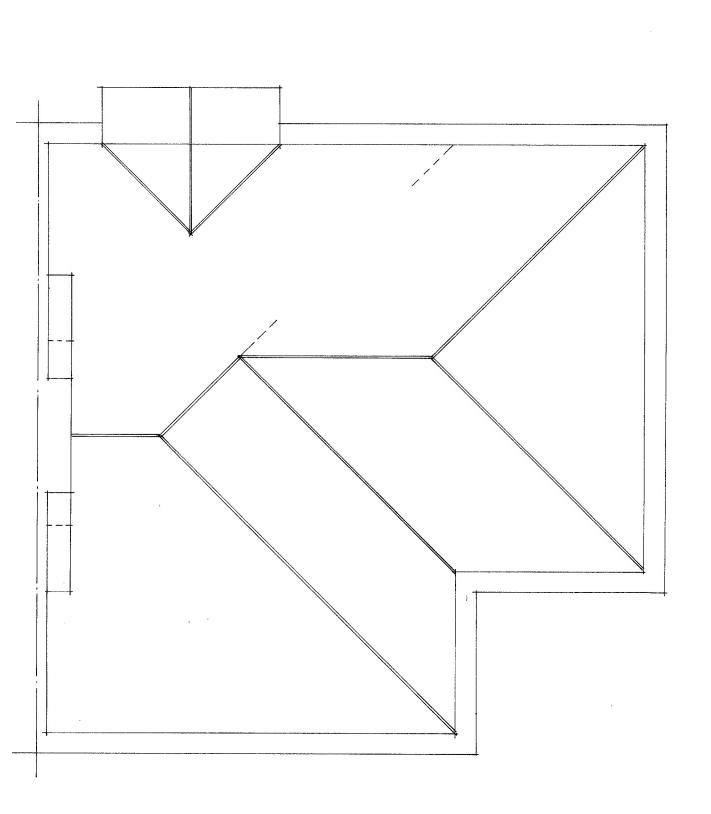


FIRST FLOOR PLAN



ROOF PLAN.



SPECIFICATION

Plasterboard & 5mm plaster skim ceiling.

DORMER ROOF CONSTRUCTION (U=0.18W/m K)

DORMER CHEEK CONSTRUCTION (U=0.28W/m K) (Half hour fire resistant from both sides). Vertical tile/slate hanging to match existing on s.w. battens on building paper on 12,5mm plywood bracing (9mm masterboard within 1m of boundary) on 100x50mm studs @ 400mm crs (cross braced). 25mm Celotex insulation between and 30mm Actis Tri-Iso super 10 insulation/ vapour barrier across inside of studs fixed with 38x25mm counter battens @ 600 crs with 12.5mm duplex plasterboard & 5mm skim

Rise=200mm, Going=225mm, Tread=250mm, Pitch=42, 2m clear Headroom. 900mm handrail, 900mm balustrade housed into newels or returned to adjacent wall. (100mm max gaps to risers & handrails). Artificial lighting with 2 way switch top and bottom. Any tapered Treads to comply with Part K. 50mm min going.

HALF HOUR PARTITION AROUND NEW STAIRCASE

Timber beams to have half hour fire resistance to BS5268 part 4 section 41 1078 (Sacrificial design method)

Escape window to be 750x450mm min clear opening (min 0.33m Opening area) max 1.1m above floor level. All new windows and Rooflights to be double glazed with min 16mm gap, low E glass & N=0.15 for windows, & n-0.05 for rooflights.

Multiple timber trimmers to be bolted together @ 600mm crs using

SMOKE DETECTORS

Denotes heat detector. Denotes mains wired interconnected

LIGHTING AND HEATING
Three in four lights to be energy efficient type. Extend existing Heating system to new rooms with zone and boiler interlock controls

"Competant Person Scheme" to BS7671. Certification to be provided

Formation of habitable room in roofspace with

smoke detectors with battery back up to BS5839:6:2004.

All new electrical work to be in accordance with Part P

rear dormer and Gable Build-Up.

41, Ridgeway Road,

EXISTING PLANS.

Charles

DATE JAN 2021

CONTRACT No

Oxford, OX3 8DT.

FIRE REGULATIONS

STRUCTURAL

(Thermostatic Valves).

ELECTRICAL

PROJECT

CLIENT

WINDOWS & ESCAPE WINDOWS

M12 bolts and 64mm dia tooth plate connectors.

75x50mm studding with 12.5mm duplex plasterboard & 5mm skim to both sides to give full half hour fire resistance.

12.5mm chippings on 3 layers bituminous felt on 18mm plywood on 50 x 50 s.w. battens across firrings (1 in 40) on s.w. joists @ 400mm crs. 25mm Celotex insulation between and 30mm Actis Tri-Iso super 10 insulation/vapour barrier across underside of joists, Fixed with 38x25mm counter battens @ 600 crs with 12,5mm duplex

Oxford C.C.

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SCALE 1:50 & 1:100