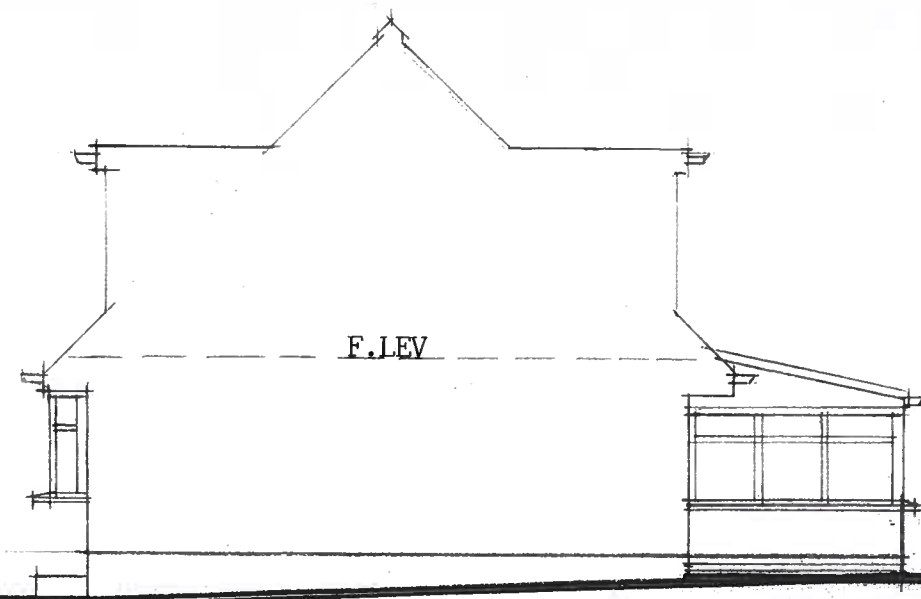
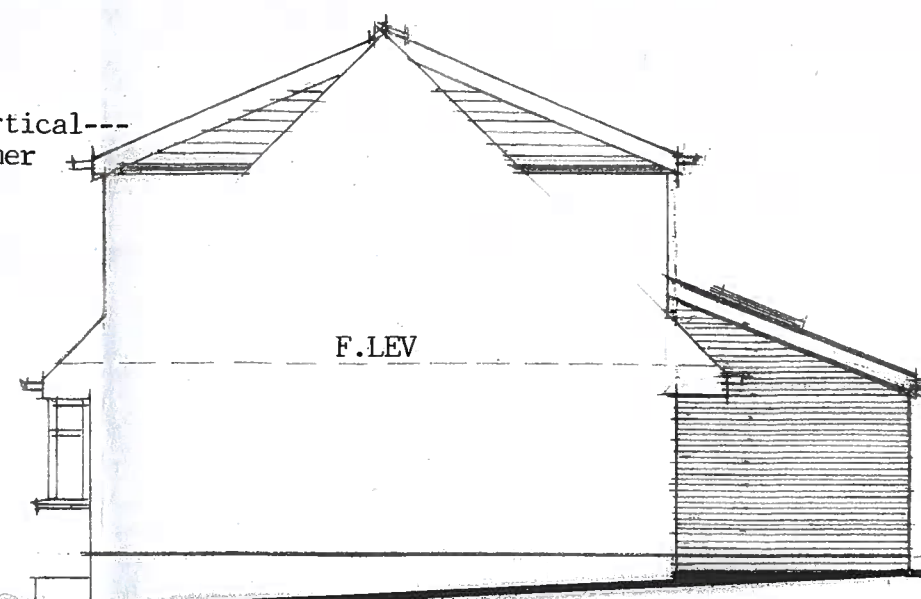




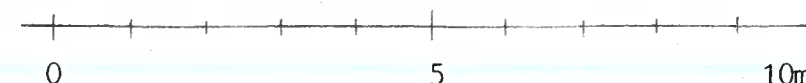
existing west side

matching vertical---
tile to dormer
cheeks



proposed west side

1 . . . 100
AT A3



DWGS REF: 27.10.22

ALL DIMENSIONS AND LEVELS TO BE
VERIFIED ON SITE BEFORE WORKS
COMMENCE AND ANY DISCREPANCIES
REPORTED TO THE DESIGN PRACTICE.
ALL WORKS TO BE CARRIED OUT TO
BUILDING REGULATIONS 15 JUNE 2022
BRITISH AND EU STANDARDS AND CPS
GENERAL SPECIFICATION:

PITCHED ROOFS: $u = 0.15\text{wm}2\text{k}$
matching tiling at $C.30^\circ$ pitch on
25 x 50 tanalised battens on tyvec venting
sarking on 50x100 rafters at 600mm cs
50mm Ecotherm between rafters + SF19
50mm min. vent gap above all insulation
12.7mm gyproc 10 and skim to all soffits
cross ventilation to roof void areas
maintained with 25mm fascia soffit vents
and ridge/ tile vents = to 10mm continuous
EXTERNAL WALLS: $u = 0.18\text{wm}2\text{k}$
100mm matching brickwork (tile dormers)
100mm cavity with 100 cavitytherm CT100
100mm light block inner leaf plastered
stainless steel double drip twist ties at
600 horizontal and 450mm vertical centres
daccatie insulated cavity closers to reveals
IG lintels to suit load and span for openings
matching pvcu doors and window frames
28mm argon double glazed low 'E' units to
 $u = 1.1\text{wmK}$ - doors, adjacent windows +
glazing less than 800mm from floor level
in toughened glass to BS:6200 - 6206

INTERNAL WALLS + PARTITIONS:
100mm min.dense concrete block - plaster
partitions from 100x50 stud framing with 10
rockwool fill and 12.7mm gyproc 10 + skim
SUSPENDED FIRST FLOORS:
22mm t+g floor grade P5mr(V313) particle
board on 50x220 C16 joists at 400mm ctrs
with 100mm GP isowool fill and 12.7mm m
gyproc 10 board and skim to all soffits
SOLID GROUND FLOORS: $u = 0.18\text{wm}2$
125mm GEN2 concrete on 1200g dpm over
and below 100mm kingspan TF100 (25mm
perimeter trim) on sand blinded machine
compacted crusher in 150mm layers

FOUNDATIONS:
600mm wide x trench fill GEN1 concrete
strip minimum 750mm below ground level
generally to Building Inspectors satisfaction
or design founds if ground trial unsuitable

DRAINAGE:
matching s/water and foul drains to existing
adjacent systems - drainage investigated
and layout agreed with Building Inspector
VENTILATION:

8Kmm sq.trickle head vents to windows
opening sashes minimum 1/20th relevant
room floor area
MV15/30/60 = mech.extract in litres/sec.

RESTRAINT:
32 x 5ms cranked wallplate holddown and
roof/wall/floor restraint straps at 1.5m ctrs

FIRE PROTECTION:
provide wireless interlinked hardwired
battery backup smoke detectors within
3 metres of bedroom doors and ground
floor hallway + heat detector to kitchen
ES = escape sash 450mm x 750mm min.
cill to be 800 - 1100mm from floor level

ELECTRICAL WORKS:
carried out to BS:7671.2018(18th.ed) and b
installed and tested by a competent person
(at least City & Guilds 2391) a test certical
will be required by the Local Authority

**PROPOSED
EXTENSIONS**

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