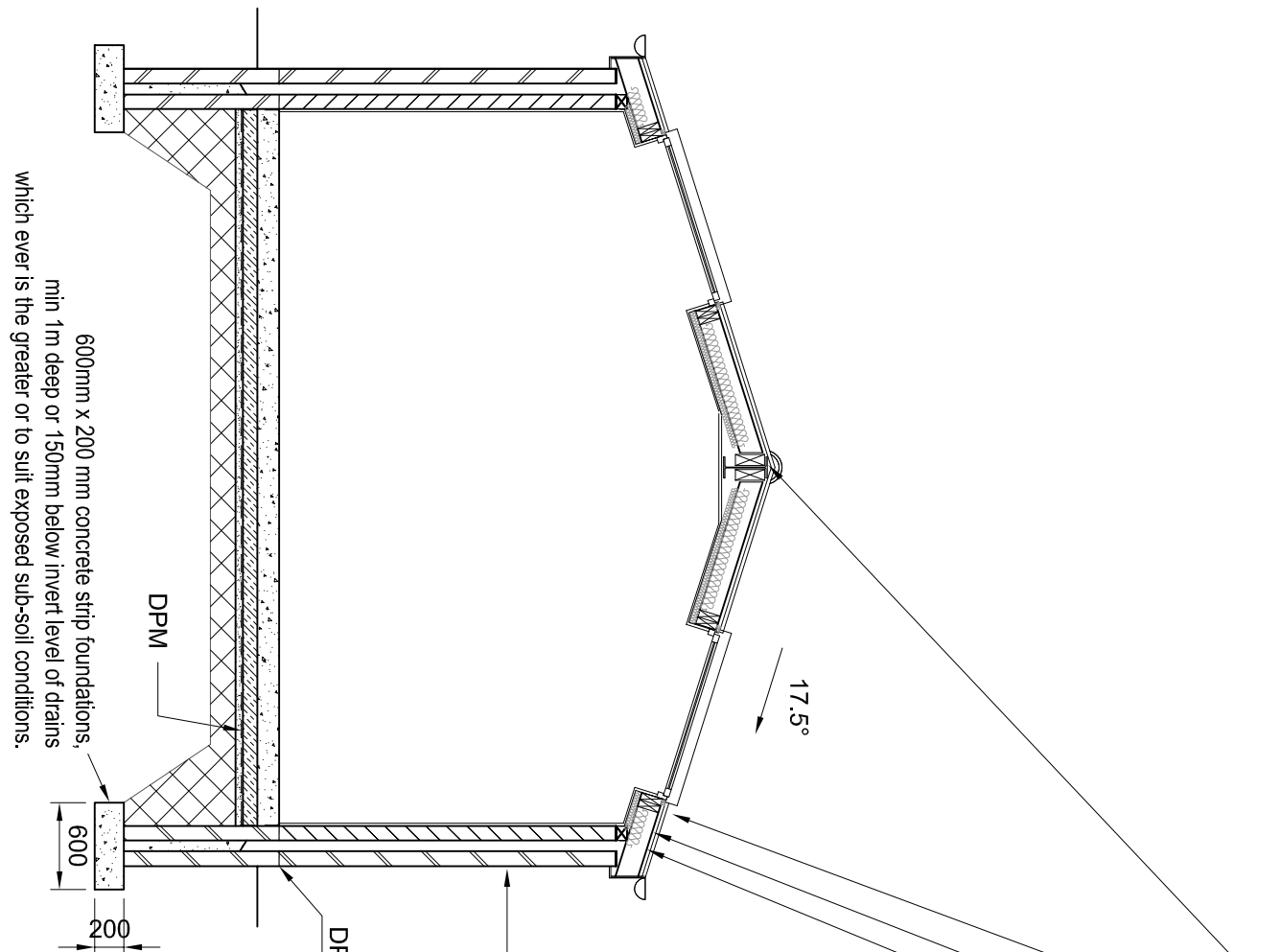
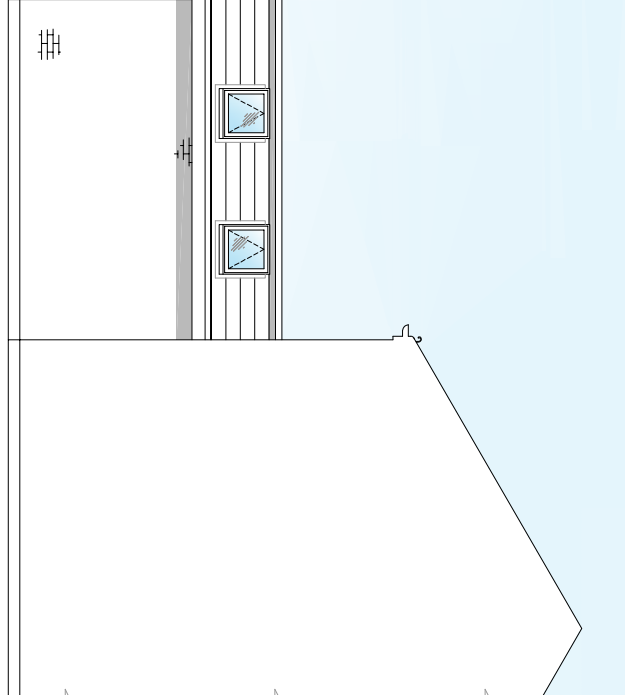
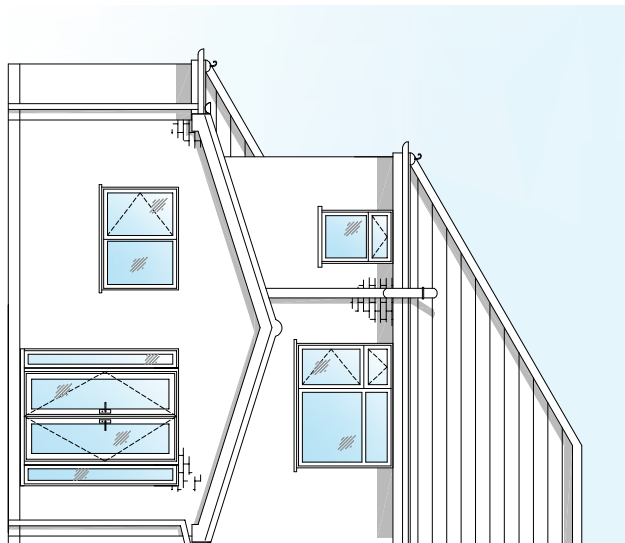
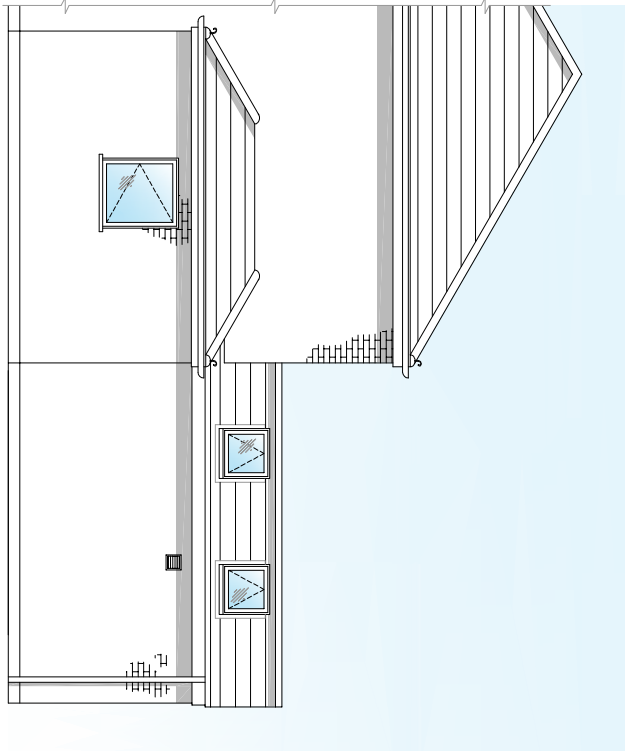
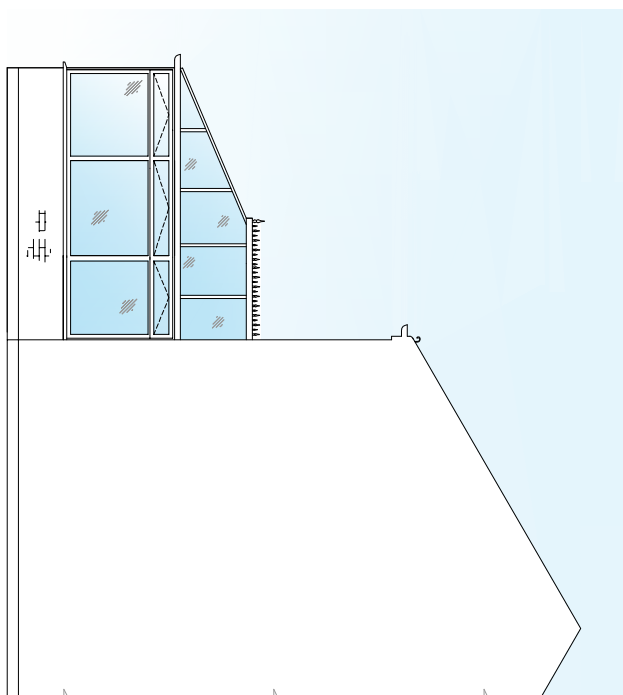
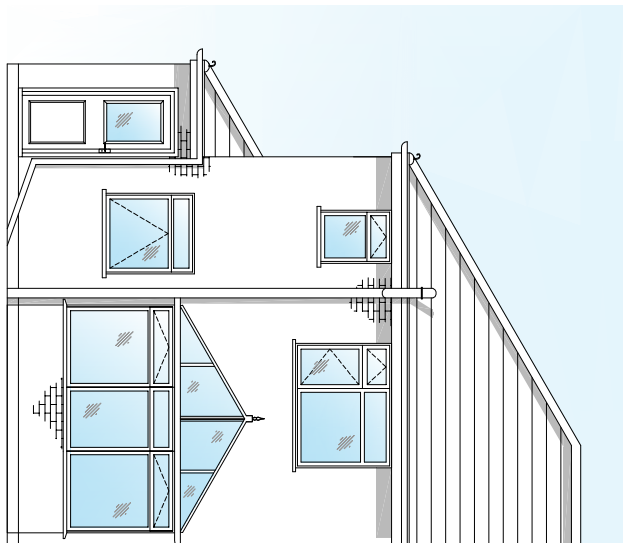
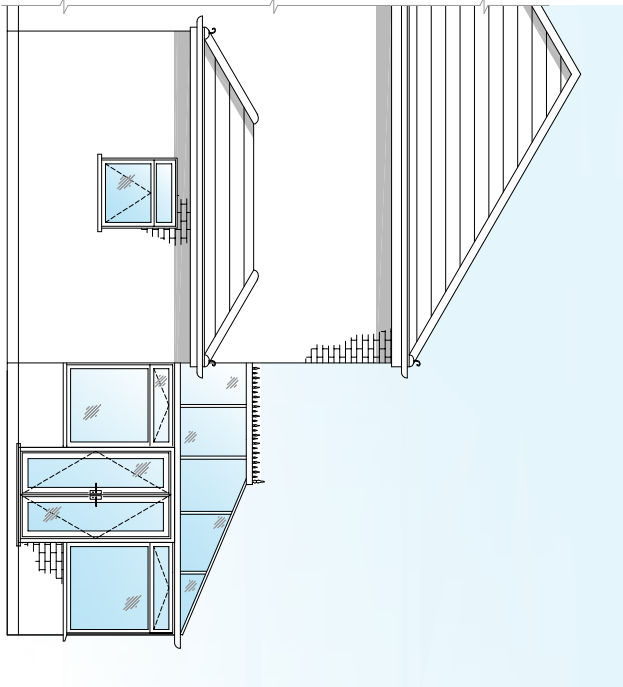




—flashing skirt required
to skylight

—double up rafters either side of skylight.

Install 4x10x16 C16 rafter at 450mm c/c's. To be secured top & bottom using brass clips

Approved reinforced heat-treated roofing felt (Tyvek-super) BS 747-189) draped across clips

Rafter with 150mm min. laps secured with chout nails, install 120mm deep Colobex XRD400 between rafters leaving min 200mm gap for drage of felt.

Provide further 25mm thick layer of Celotex TB4500 rafters, tape joints to create vapour barrier and air leakage barrier or equivalent.

Place 150mm thick insulation panels over rafters, ensure no gaps.

Use 100 x 75mm timber joists, 1200 mm apart and be perpendicular or cut to facilitate the installation of downlights. Consider installing surface mounted downlights or slim surface downlights

MAL CONSTRUCTION:

Cavity wall comprising of : 103mm insulation board, to match existing, 100mm cavity filled with Concrec DithtM24 cavity wall insulation board, stainless steel wall tie (5 No. per m² & at concrete block tier), double up wall tie round all opening reveals & corners, 100mm Thermaflex Turpo aggregate block inner skin, dense stone, foundation blocks or common brick below gable, the one, carry full remaining 1200mm below dpc. Flood chd polymer grid, min 150mm above gip, for bon sties. Lay a seal inner skin top to floor dam, 100 x 75mm wall plates

Existing wall and roof 150mm gable end with existing spanning doorway at 2nd c/c

New newwork to be bonded to old using wall tie or similar approved method. Interstressing walls to create continuous cariers.

All openings in external cavity wall to have vertical dpc's cavity wall tie be closed around all openings & stable level with spead PVCu insulated cavity closures by Thermatech or similar & approved if opened cold bridging, insure cavity wall insulation board terminates 150mm below finished floor level, ensure that no mortar solids or other debris fall between cavity board to bridge sides of wall. Finish internally with 12.5mm plaster and skim. Ensure cavity wall insulation stops roof insulation to reduce cold bridging

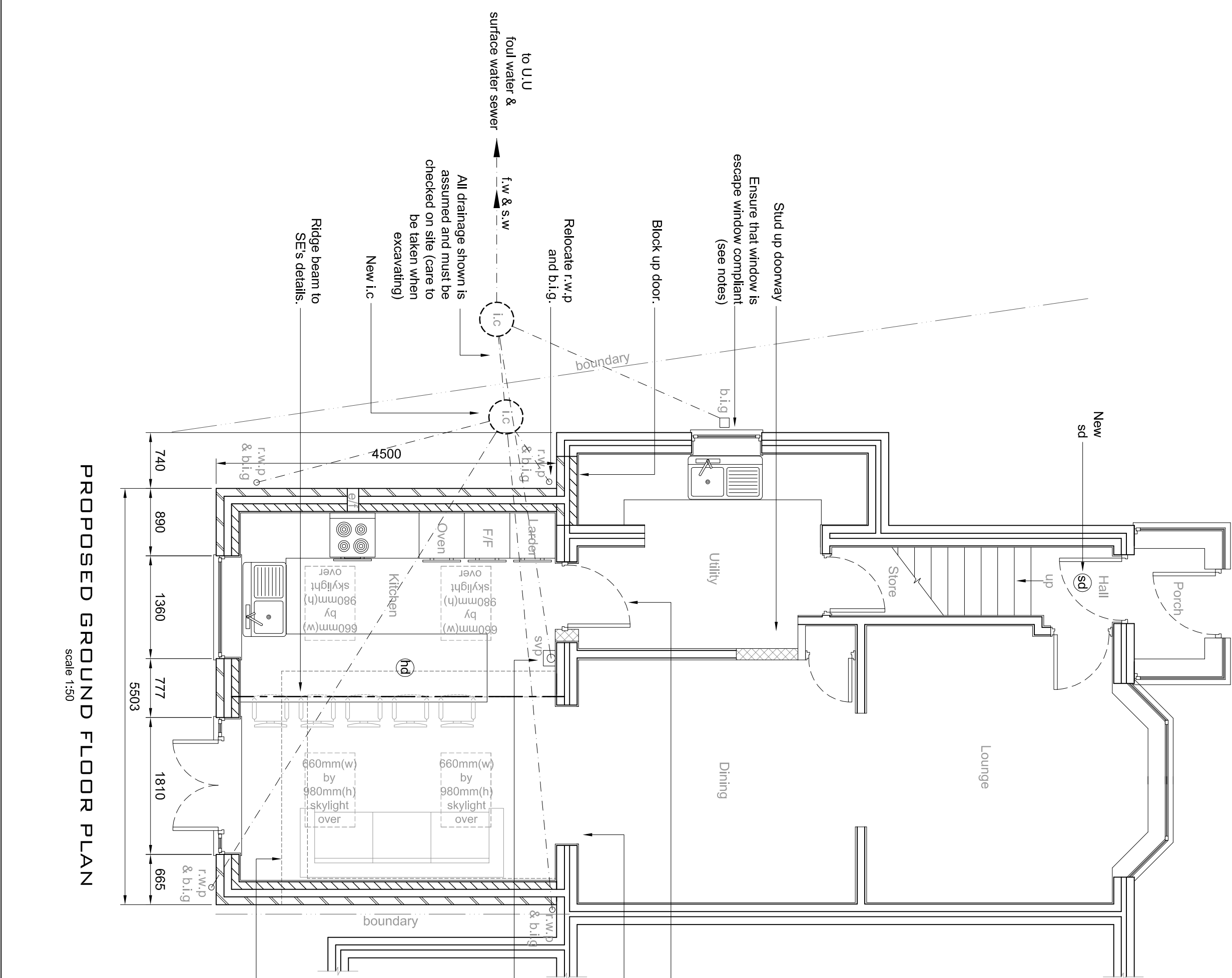
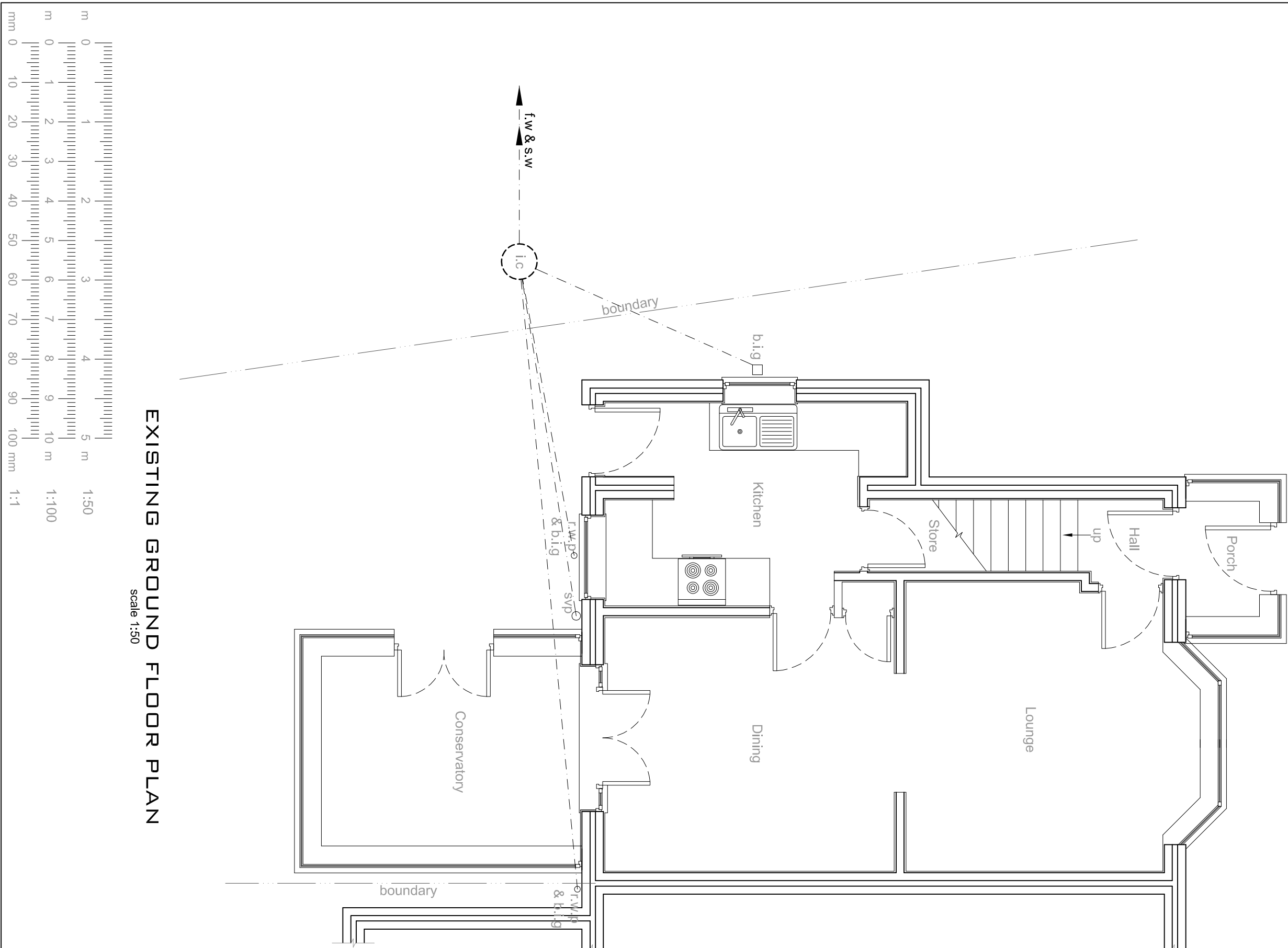
GROUND FLOOR CONSTRUCTION

Double level wall existing using tiles or asphalt finish on 150mm thickness concrete on unsigment

3. The drawings are metric drawings & all dimensions are in millimeters (unless otherwise stated).
4. Report any discrepancies to Pro-TECH immediately.
5. All drawings are to be read in conjunction with other related information &/or relevant Consultants drawings where applicable.
6. This Specification & the design drawings are copyright & must not be copied without the written consent of Pro-Tech.
7. Electrical: Lights and sockets to clients specifications and I.E.E. (Institution of Electrical Engineers) requirements of Part P (Electrical Safety) and Part N (Electrical Noise) designed, installed, inspected and tested by a person competent to do so. Prior to completion, the Building Control Consultant needs to be satisfied that Part P has been complied with. This may require an appropriate BS 5761 Electrical Installation certificate to be issued for the work by a person competent to do so, 75% of all new light fittings to be energy efficient.
8. Timber: All timber to be stress graded and stamped, kiln dried (K.D).
9. Windows/Windowless: View windows to achieve minimum 'V' values of 1.6 (W/m² with minimum 20mm gap between panes in timber or PVCu sealed units and have minimum total area 25% of total floor area. Ventilation provided by opening lights of 1/20th minimum floor area and minimum 800mm² trickle vent in window head. Linths over windows doors to be Krypton type requiring 150mm end bearing units fitted otherwise and have half hour fire protection rated 2 No. layers of 12.5mm plasterboard and plaster skim finish.
10. Krypton sealed units: All linths with polyisocyanurate insulation. Double glazed doors and windows to be fitted with 28mm U-PVC handle. All glazed door locations on internal and external walls must to conform to BS EN 12150 (Insulation against impact, Le glazing below 800mm and up to 1500mm in doors extending 300mm horizontally each side.

NOTE 1:- Should new floor cover existing air bricks for sub-floor ventilation, then the existing air bricks are to be ducted to new air bricks on new external wall to maintain cross ventilation.

plates using pressed steel brackets. Wall plates fixed to walls at 1500mm centres using 30mm x 5mm mild steel straps spanning 600mm of wall, mild steel straps to gable wall to be fixed across first 3 rafters at max 2000mm c/s. All ridge and hip laths are to be mechanically fixed to the roof. Fascia boards to match with existing. Ceilings to be 12.5mm plasterboard with plaster finish. All flashings



	F.W & S.W	▶	with hot and cold sources.
			12. Kitchen Ventilation The kitchen shall be satisfied if there is both: (i) Mechanical extract ventilation for each ventilation rated capable of extracting at a rate not less than 60 litres per second; or incorporated within a cooker hood and capable of extracting at a rate of 30 litres per second; which may be operated intermittently, for instance during cooking; and (ii) Background ventilation, either: (a) by a controllable and secure ventilation opening (or openings) having a total area not less than 4000sq. mm, located so that it avoids drafts, e.g. a trickle ventilator; or (b) by the mechanical ventilation being in addition, capable of operating continuously at a normally one air-change per hour.
Surface water drains	r.w.p		
Rain water pipe	b.i.g		
Back inlet gully	s.r.p		
Soil vent pipe	s.s		
Soil stack	M.H		
Manhole	i.c		
Inspection chamber	e/f		
Mechanical extractor fans to be ducted to outside air, capable of 15 lit/sec flow rate pathrooms: 30 lit/sec floor utility rooms: 45 lit/sec flow rate w.c. with 15 mins overrun. Leave 10mm gap below door-appearance in the same room is a sealed unit.	(g)		
Self contained mains operated interlinked smoke alarms fixed to each floor level in main circulation areas.			
Structural Engineer	S.E		
Timber stud wall provide sound deadening quilt to bedrooms finished with 15mm plasterboard & skim			
Blockwork built on suitable foundations	=====		
Facing brickwork	===== =====		

TITLE
PLANS, ELEVATIONS & SECTIONS

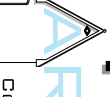
DWG NO.
L35 2UE/125/01

PROJECT
Proposed Development to
121 Dragon Lane
Walsby
L35 2UE

CLIENT
Mr & Mrs Doyle

DATE
19/01/2022

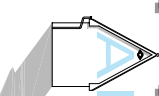
SCALE AT ALL AS SHOWN



ARCHITECTURE

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DWG No.	135 ZUE/125/01
TITLE	LIFE PLANS, ELEVATIONS & SECTIONS
PROJECT	Proposed Development to 125 Dragon Lane Whiston L35 2UE
CLIENT	M. & Mrs. Doyle
DATE	19/01/2022
SCALE	AT AS SHOWN



PRO-TECH

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