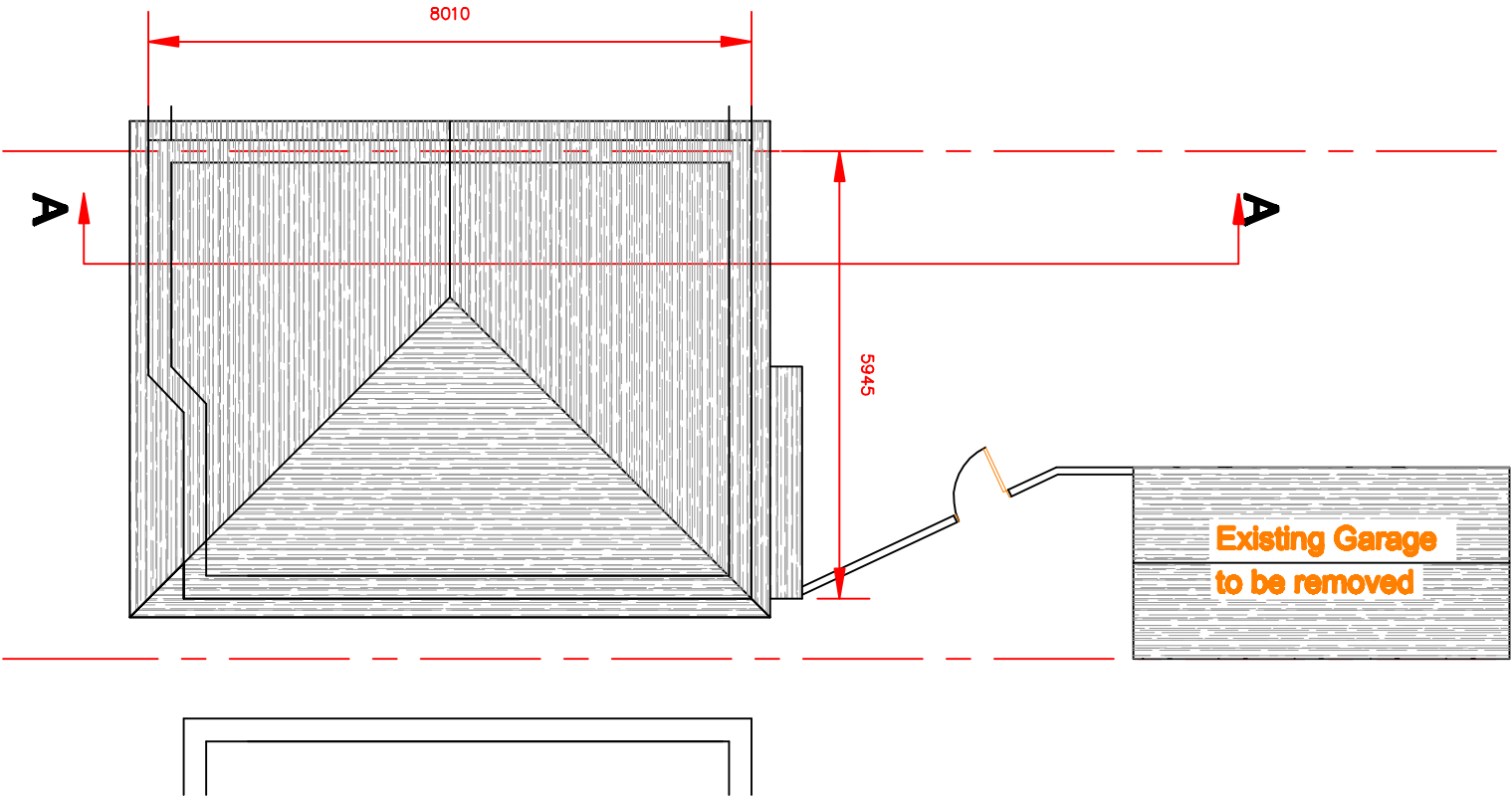
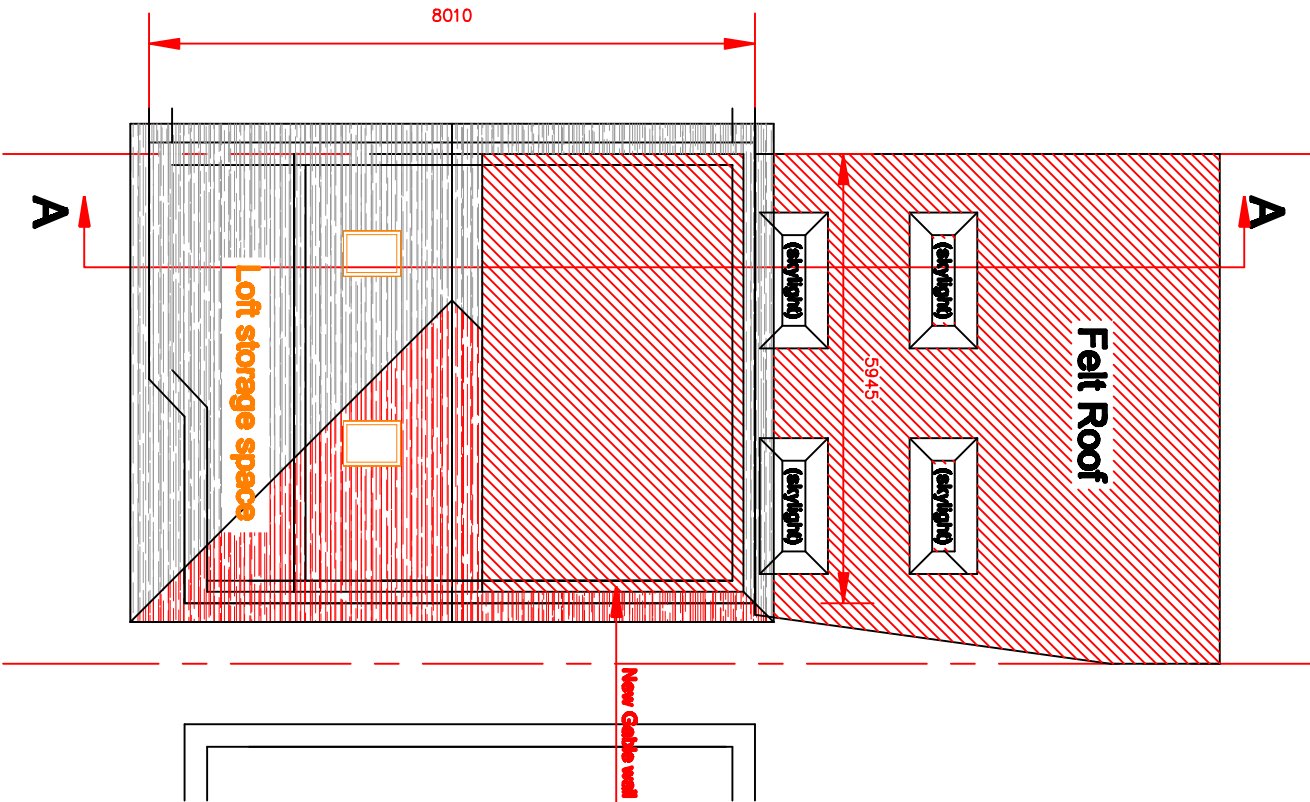




EXISTING ROOF PLAN
SCALE:-1:100



PROPOSED ROOF PLAN
SCALE:-1:100

RAINWATER GOODS
100mm half round PVCu gutters and brackets fixed to fascia at eaves complete with all outlets, stop ends and fittings. 65mm dia round black PVCu down pipe connected into 135mmx135mm square hopper gully with alloy grid connected to the new surface. Water drainage with 100mm superservice vitrified clay pipe via low back P-trap.

CLAY PIPES LAID TO FALL(minimum of 1:40)

All waste pipes from the wash hand basin, utility sink and dishwasher to be 40mm dia.PVCu, urlese pipe run exceeds 3000mm then the size is to be increased to 50mm. Waste pipes to connect into 110mm dia. PVCu slab stack fitted with a durgo air-admittance valve. 76mm deep seal PVCu bottle trap and overflow connection to be fitted to the wash hand basin and utility sink. 76mm deep seal PVCu bottle trap and overflow connection to be fitted to the wash hand basin and utility sink. 76mm deep seal PVCu universal outlet trap and 600mm vertical pipe connection to be provided to the dishwasher. 76mm deep seal PVCu shower trap and overflow connection to be fitted to the shower. 16mm dia. PVCu overflow pipe from wc cistern to discharge into the wc pan.

WALL CONSTRUCTION

MASONRY WALL

Outer leaf 100mm single skin of Brickwork. Cavity to be 100mm, ensuring that top of cavity is closed with mineral wool or calcium silion board. Insulation to be 100mm Kingspan thermal TW100 zero OFD insulation board/or enifer, ensure the horizontal and vertical joint are tightly butted to minimise heat loss. Insulation to be confirmed by energy assessor and fitted in accordance with manufacturers recommendations. Insulation to extend 150mm below top of perimeter insulation to floor Insulation to be fixed to inner leaf using cathic fix. Type 2 stainless steel wall ties and insulation universal IRC 85 rebar-rein-wall ties 450mm horizontally, 500mm vertically are to be staggered. Alternative proprietary boards may be used, but all U' and R' values to be approved by the energy assessor. Inner leaf to be calcium blocks 100mm Henselle with 13mm 2 coat lightweight plaster finish.

Note- Rear elevation and return wall (to existing house) to have a 16mm 2 coat render applied, finished with half cast render bead.

Cardon cathic fix, stronghold wall connectors or furth channel with 10mm polysulphide black sealant to outer face of new masonry at junction between existing and new masonry. Install proprietary cavity tray to extend 12mm beyond face of brickwork with proprietary weapholes @ 900mm centres. Brick work cavity around the windows and door to be fixed with 280x284 polypipe insulated cavity coatens.

LATERAL RESTRAINT:
TO BE PROVIDED TO ALL EXTERNAL WALLS AT ROOF LEVEL. USING GALVANISED MILD STEEL STRAPS 30mm WIDE x 5mm DEEP x 800mm LONG DOWN TO 300mm INTO CAVITY AND DRILLED, PLUGGED AND SCREWED TO BLOCKWORK USING No.12 MASONRY SCREWS - FIX TO SOLID MASONRY AND NOT MORTAR BED OF PERPENDICULAR JOINTS

Client:-Mr.Navit.Kundi	Drawing no:-39D	Revision-A	Checked by:S.E
Title:-Proposed Loft conversion and rear extension at 39, Falling lane, West Drayton,UB7 8AB.	Drawn by:- S.E 10/15	Scale:-1:100, Org.size-A3	