



SCALE  
BAR  
1:500 0 5 10 15 20 25m

**RAINWATER GOODS**  
100mm half round PVCu gutters and brackets fixed to fascia at eaves complete with all outlets, stop ends and fittings. 68mm dia. round black PVCu down pipe connected into 135mmx135mm square hopper gully with alloy grid connected to the new surface. Water drainage with 100mm supersleeve vitrified clay pipe via low back P-trap.

**WALL CONSTRUCTION**  
**MASONRY WALL**  
Outer leaf 100mm single skin of celcon blockwork. Cavity to be 50mm, ensuring that top of cavity is closed with mineral wool or calcium silicon board. Insulation to be 50mm kingspan thermwall TW50 zero OPD insulation boards, 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 catnic ltd. type 2 stainless steel wall ties and insulation universal IRC 85 retainers-wall ties 450mm horizontally. 900mm 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 celcon blocks 100mm Hemelite 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 bell cast render bead. Cardon catnic ltd. stronghold wall connectors or furfix 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 weepholes @ 900mm centres. Brick work cavity around the windows and door to be fixed with 290x264 polypipe insulated cavity closers.

**Client:-Mr.Ashokkumar Kugathasan**  
**Title:- Proposed variation of condition, wall finishes from approved render to brick including a widow to the flank wall of rear extension at No:56 Diamond Road, Ruislip, HA4 0PG.**

**Approved application  
Ref-16429/APP/2021/1533**

**Drawing no:-56GR**  
**Drawn by:-  
S.E 06/22**

**Revision-B**  
**Checked by:S.E**  
**Scale:-1:500  
Org.size-A3**