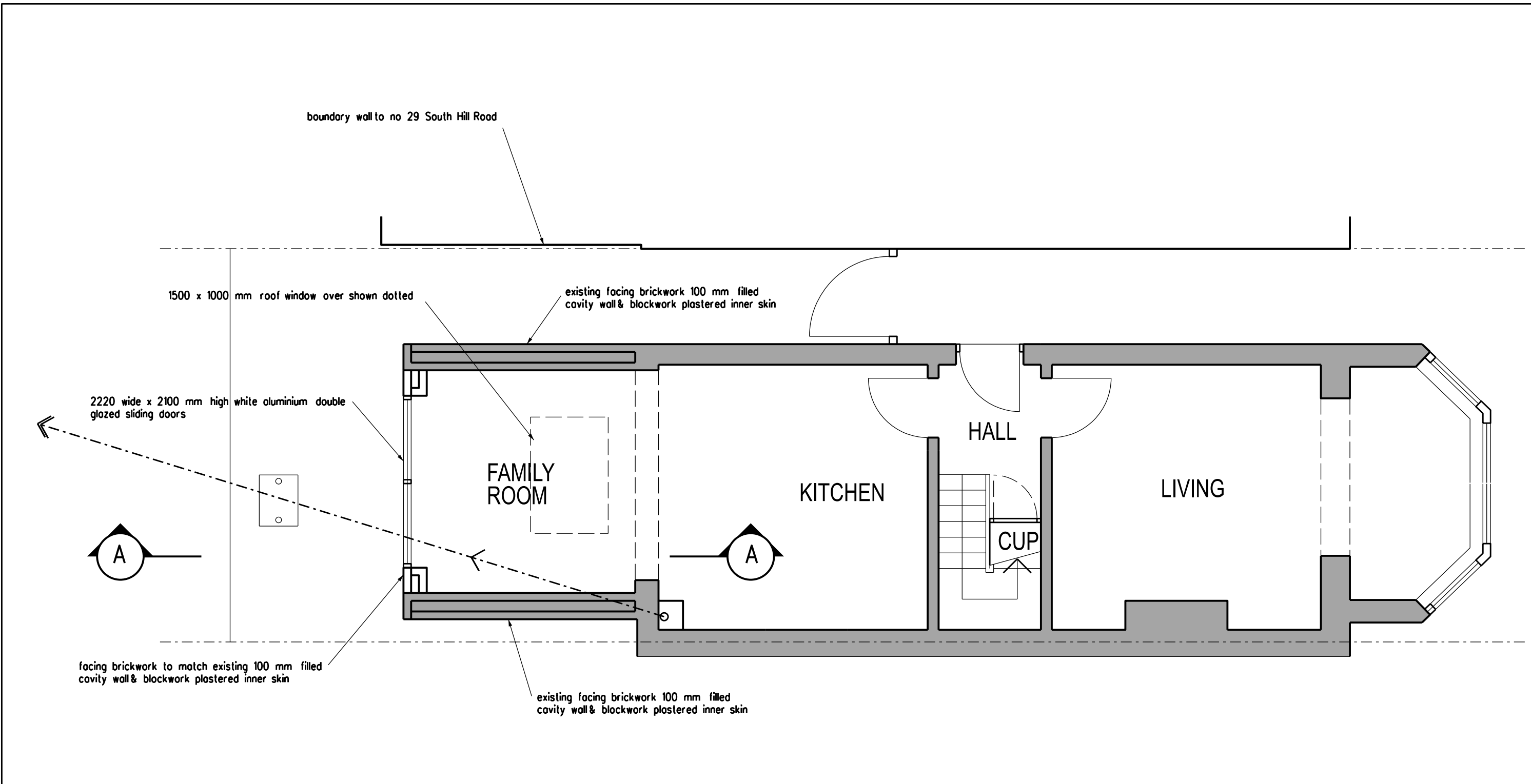




Construction Notes

1. Prior to undertaking works the contractor will be required to visit the building and fully understand the extent of project and adaptation of the existing building to suit the extension.
2. Whilst dimensions are given on site checking will be required to ensure wall configuration is achieved.
3. All new block walls to have a minimum compressive strength of 7 N/mm².
4. All foundations to be founded on approved ground and approved by the Building Inspector.

Foundation construction :

750 deep x 600 wide trench fill concrete foundations to be founded a minimum of 1000 mm below ground level to be agreed on site with Building Control. All foundations within 3 meters of the sewer to be excavated to the underside of the drain.

Ground floor construction (to line through with existing floor finish) :

65 mm screed on 100 mm concrete slab on 500 gauge polythene dpm on 100mm Celotex GA4000 polystyrene insulation board laid across and turned up at perimeter on 1200 gauge polythene dpm lapped with dpc on 25 mm sand blinding on 200 mm well consolidated hardcore. To achieve 0.18W/m²k

Cavity wall construction : to achieve 0.18W/m²k

Below dpc 2 skins of s.p. brickwork (fill cavity with weak mortar up to ground level) above dpc 100 blockwork 100 mm fully filled cavity with 90mm of Celotex Thermacore Cavity wall 21 with a 10mm cavity and with stainless steel wall ties vertically at 450 mm centres and 750 mm horizontally staggered and tied into both skins of brick & 100 mm Celcon Solar blockwork. at 225 mm centres. 13 mm plasterboard and skim finish internally 13 mm plasterboard and skim finish internally. Tie in all new walls where abut existing with stainless steel fixers.

Doors : glazing not to exceed 1.4 W/m² 2K or WER Band C or better

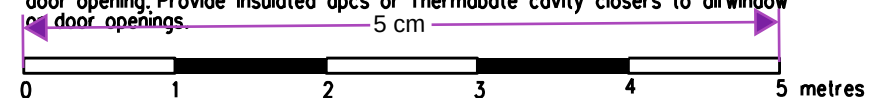
Double glazed white aluminium sliding patio doors
glazing to be in Low E glass with 16 mm argon gas filled gap between glass.
Doors to have trickle vents at a minimum of 1700 mm above floor and toughened glass.

Areas of trickle ventilation per room are:

Habitable rooms	8000 m ²
Kitchen	4000m ²
Bathroom	4000m ²

Lintols :

IG insulated lintol ref L1/S 100 with 150 mm min end bearings above window and door opening. Provide insulated dpcs or Thermabate cavity closers to all window and door openings.



REVISION DATE

ARCHITECT
TAARCHITECTS
11 JOYDENS WOOD ROAD BEXLEY
KENT DA5 2HS Tel 07905 130591
ta140256@googlemail.com

JOB
PROPOSED REAR EXTENSION
AT 28 SOUTH HILL ROAD
GRAVESEND KENT DA12 1LA

DRAWING
PROPOSED GROUND FLOOR
PLAN

SCALE DATE
1:50 AT A3 MAR 2024

DRAWING NO.
MY/12