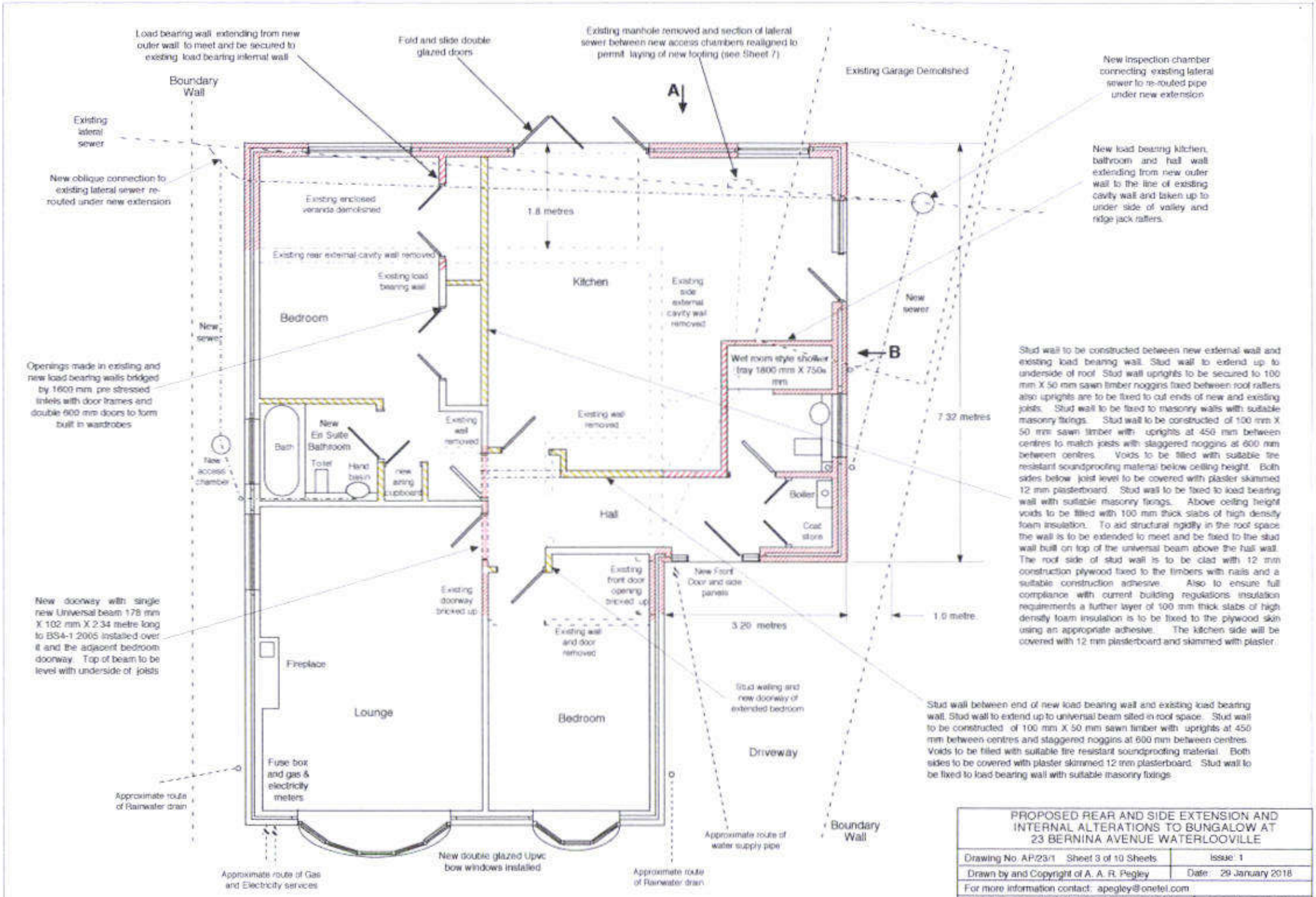

Stud wall to be constructed between new external wall and existing load bearing wall. Stud wall to extend up to underside of roof. Stud wall uprights to be secured to 100 mm X 50 mm sawn timber noggins fixed between roof rafters also uprights are to be fixed to cut ends of new and existing joists. Stud wall to be fixed to masonry walls with suitable masonry fixings. Stud wall to be constructed of 100 mm X 50 mm sawn timber with uprights at 450 mm between centres to match joists with staggered noggins at 600 mm between centres. Voids to be filled with suitable fire resistant soundproofing material below ceiling height. Both sides below joist level to be covered with plaster skimmed 12 mm plasterboard. Stud wall to be fixed to load bearing wall with suitable masonry fixings. Above ceiling height voids to be filled with 100 mm thick slabs of high density foam insulation. To aid structural rigidity in the roof space the wall is to be extended to meet and be fixed to the stud wall built on top of the universal beam above the hall wall. The roof side of stud wall is to be clad with 12 mm construction plywood fixed to the timbers with nails and a suitable construction adhesive. Also to ensure full compliance with current building regulations insulation requirements a further layer of 100 mm thick slabs of high density foam insulation is to be fixed to the plywood skin using an appropriate adhesive. The kitchen side will be covered with 12 mm plasterboard and skimmed with plaster.

Stud wall between end of new load bearing wall and existing load bearing wall. Stud wall to extend up to universal beam sited in roof space. Stud wall to be constructed of 100 mm X 50 mm sawn timber with uprights at 450 mm between centres and staggered noggins at 600 mm between centres. Voids to be filled with suitable fire resistant soundproofing material. Both sides to be covered with plaster skimmed 12 mm plasterboard. Stud wall to be fixed to load bearing wall with suitable masonry fixings.

PROPOSED REAR AND SIDE EXTENSION AND INTERNAL ALTERATIONS TO BUNGALOW AT 23 BERNINA AVENUE WATERLOOVILLE

Drawing No. AP/23/1 Sheet 3 of 10 Sheets	Issue: 1
Drawn by and Copyright of A. A. R. Pegley	Date: 29 January 2018
For more information contact: apegley@onetel.com	
Scale (this sheet) 1:80 unless otherwise stated:	Dimensions in Metres