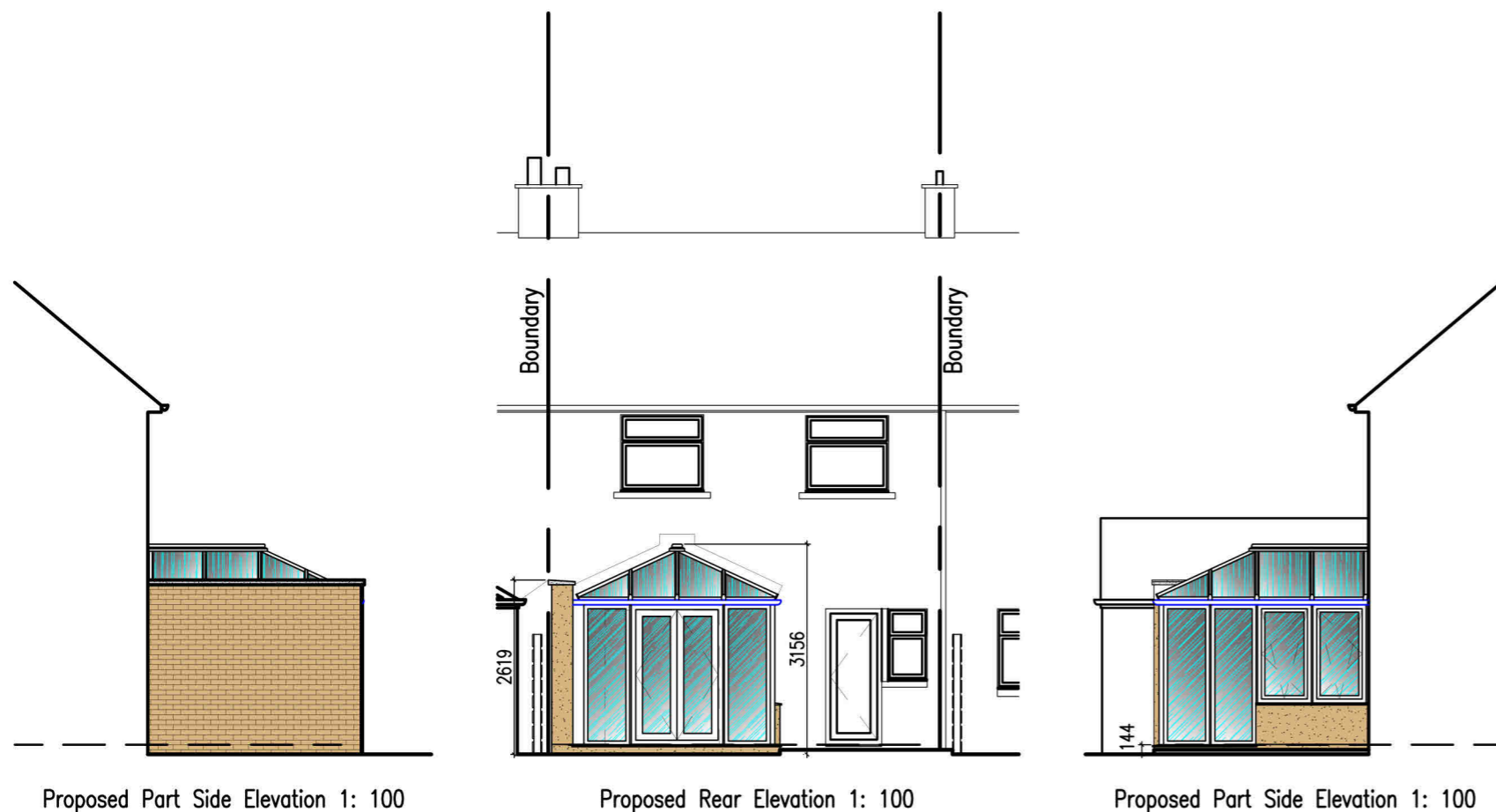


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0m 1.0m 2.0m 3.0m 4.0m 5.0m 10m
Scale Bar for 1: 100



Proposed Part Side Elevation 1: 100

Proposed Rear Elevation 1: 100

Proposed Part Side Elevation 1: 100

General Notes:

All works to be carried out in accordance with the Building (Scotland) Regulations 2004 (2023 amended).

All new works, products & processes to be in accordance with the relevant British Standards & manufacturers guidance.

All below ground drainage work to be to the satisfaction of the local drainage authority and installed as per BS EN 12056-1: 2000; BS EN 752: 2017 & BS EN 1610: 2015 and to Section 3 of the Building (Scotland) Regulations 2004 (2020 amended). All rainwater pipes & rhones to be installed as per BS EN 12056-3: 2000.

Please note that all timber will be preservative treated.

Note all windows and doors are fitted with a double gasket seal system to prevent air ingress (draughts).

Conservatory:

White PVCu framed double glazed windows and doors. Roof is 24mm thick D/G high performance glass units supported by aluminium uPVC clad rafters. Roof is non-combustible, to A-A fire rating. All glazing to comply with BS6262: Part 4 2018 & 6206. U-value of windows/doors - 1.4W/m2k; U-value of roof - 1.32W/m2k.

Conservatory Windows/ Doors:

White PVCu framed double glazed windows and doors. All glazing to comply with BS6262: Part 4 2018 & 6206. U-value of windows/doors - 1.4W/m2k;

Limiting Air Infiltration:

Air infiltration to the building fabric must be minimised in accordance with BRE report 'BRE 262'. Foam sealants to be used at wall to floor junctions, wall to window or doors and between window and cill. Appropriate sealant also to be used at service penetrations in plasterb'd & panels where vapour control layers & membranes intersect.

Fixings:

Conservatory bolted to house wall with 10mm dia' expanding bolts at 450mm c/c. Cills fixed to dado walls with 140x10mm dia' fischer fixings at 600mm c/c.

Existing House Wall Treatment:

Exist' house wall now within new Sunroom to be finished with 12.5mm thick plasterboard sheeting taped & filled joints ready for decoration on 50x25mm S.W timber strapping on Air-tec single insulation. Note insulation to prevent cold bridging.

Wall Ties:

Cavity wall ties in new walls to be Ancon ST1 250mm or equal & approved fitted as per manufacturers instructions. Wall ties installed @ 450mm staggered c/c's max'. I.e 900mm horizontal c/c's & 450mm vertical c/c's.

Floor: (0.15W/m2k)


150mm thick conc' slab on Visqueen 1000 BBA DPM on 110mm thick Ecotherm (or equal) insulation on Visqueen 1200 BBA DPM on 50mm thick sand blinding on 150mm thick well consolidated hardcore on cleared ground. Note all vegetable & top-soil matter to be removed prior to laying of solum. Note concrete slab to be reinforced to btm with 1 layer of A193 mesh min' 50mm cover all round.

Drainage:

120mm dia' Marley Classic Deepflow rhone discharging into 68mm uPVC RWP connected into new 100mm dia' drain connected into new Vented trap connected into existing drain line via 'Y' branch @ invert level. All drainage layed on bed of 150mm thk pea gravel. Connections to be in same material as existing.

Electrical Installations:

Electrical installation to comply with BS 7671: 2018 Amendment 1: 2020 & Section 4.5 of the Building (Scotland) Regulations 2004 (2022 amendment). Note all sockets, switches and fittings to comply with Building Standard 4.8.5. I.e, Light switch to be between 900 to 1100mm above C.F.L and sockets minimum of 400mm above C.F.L. All sockets/switches to be a minimum of 350mm away from an internal corner/projecting wall or similar obstructions. Note all internal light fittings to have a minimum luminous efficacy of 75 lamp lumens per circuit watt in accordance with standard 13.3 of the Domestic Building Services Compliance Guide for Scotland: 2022 Edition. Internal light fittings to have local controls to provide separate control of each space zone.



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Proposed Conservatory

at: 58 Lothian Street, Bonnyrigg

for: Mrs V. Shelley

Work: _____ Home: _____

drawing title:
Elevations

drawing no. C6031/01	revision:	drawn by: TO	date: 22.04.24	scale: see drg
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