

Date: 29/11/22  
 Time: 10:05:11 PM  
 File name: 1118 221108 15 Willow Grove Proposed Drawing.vwx

No.	Date	Appr	Revision Notes

No.	Date	Issue Notes
1.	xx.05.22	comments

Client: Mr & Mrs Carter

Site Address: 15 Willow Grove  
 South Century  
 Cirencester

Project: Proposed Extension and alterations

Drawing Title: Proposed Details

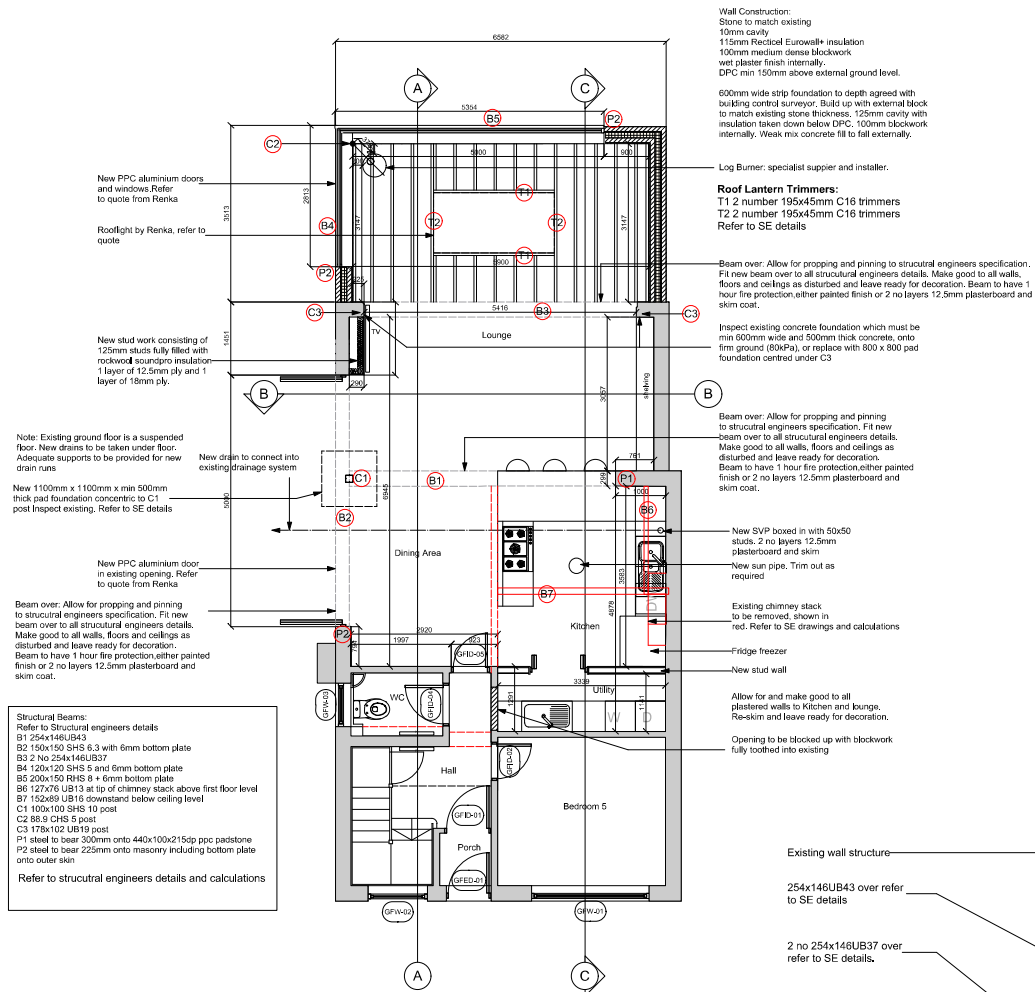
Drawing Number: 2022/1118/004

Scale: Floor Plans 1:50 @ A1  
 Elevations 1:100 @ A1

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Note: Existing ground floor is a suspended floor. New drains to be taken under floor. Adequate supports to be provided for new drain runs

New 110mm x 110mm x min 500mm thick pad foundation concentric to C1 post. Inspect existing. Refer to SE details

New PPC aluminium door in existing opening. Refer to quote from Renka

Beam over: Allow for propping and pinning to structural engineers specification. Fit new beam over to all structural engineers details. Make good to all walls, floors and ceilings as disturbed and leave ready for decoration. Beam to have 1 hour fire protection either painted finish or 2 no layers 12.5mm plasterboard and skim coat.

Structural Beams:  
 Refer to Structural engineers details  
 B1 254x146UB43  
 B2 150x150 SHS 6.3 with 6mm bottom plate  
 B3 2 No 254x146UB37  
 B4 120x120 SHS 5 and 6mm bottom plate  
 B5 200x150 RHS 8 + 6mm bottom plate  
 B6 127x76 UB13 at tip of chimney stack above first floor level  
 B7 150x99 UB16 downwards below ceiling level  
 C1 100x100 SHS 10 post  
 C2 88.5 CHS 5 post  
 C3 178x102 UB19 post  
 P1 steel to bear 300mm onto 440x100x215pc pcc padstone  
 P2 steel to bear 225mm onto masonry including bottom plate onto outer skin

Refer to structural engineers details and calculations

Note: All glazing to be in accordance with Quotation from Renka

Note: Drawings are to be read in conjunction with Structural Engineers drawings and calculations. All structural engineers details to override these drawings. If in doubt, ask.

Wall Construction:  
 Stone to match existing  
 10mm cavity  
 115mm Rectisol Eurowall+ insulation  
 100mm medium dense blockwork  
 wet plaster finish internally.  
 DPC min 150mm above external ground level.

600mm wide strip foundation to depth agreed with building control surveyor. Build up with external block to match existing stone thickness. 125mm cavity with insulation taken down below DPC. 100mm blockwork internally. Weak mix concrete fill to fall externally.

Log Burner: specialist supplier and installer.

Roof Lantern Trimmers:  
 T1 2 number 195x45mm C16 trimmers  
 T2 2 number 195x45mm C16 trimmers  
 Refer to SE details

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Inspect existing concrete foundation which must be min 600mm wide and 500mm thick concrete, onto firm ground (80kPa), or replace with 800 x 800 pad foundation centred under C3

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New SVP board in with 50x50 studs. 2 no layers 12.5mm plasterboard and skim  
 New sun pipe. Trim out as required

Existing chimney stack to be removed, shown in red. Refer to SE drawings and calculations

Fridge freezer

New stud wall

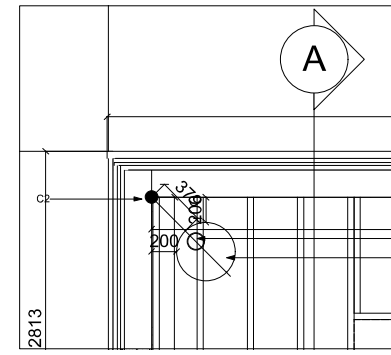
Allow for and make good to all plastered walls to Kitchen and Lounge. Re-skin and leave ready for decoration.

Opening to be blocked up with blockwork fully toothed into existing

Roof Construction:  
 Single ply roofing system (EDPM) on 18mm water resistant ply on 150 mm Rectisol Eurothane Power Deck / Euro Deck on Vapour control layer on 18mm water resistant ply or OSB on Fittings laid to falls on 195x45mm posts at max 400 ctrs solid nogginns at mid span 12.5mm plasterboard and skim coat to underside. To be read in conjunction with Structural engineers drawings and calculations.

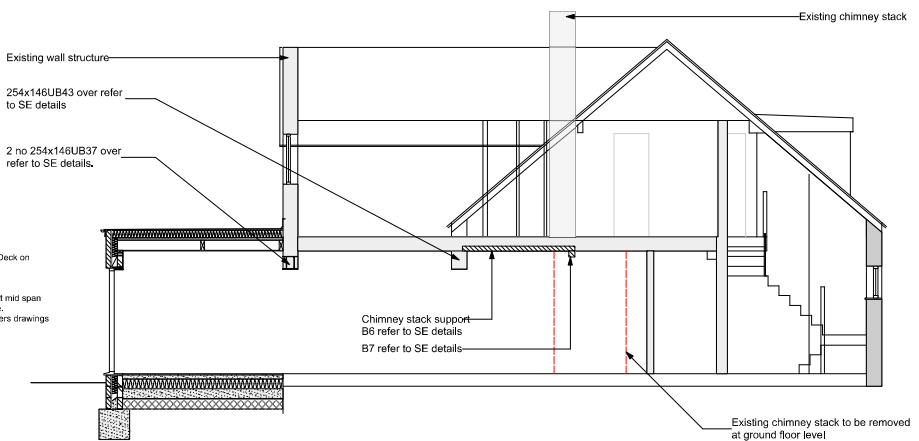
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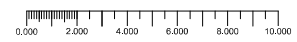


Log Burner Detail Scale 1:20 @ A1

Flue  
 Client supply log burner  
 Log burner and flue to be installed strictly in accordance with manufacturers recommendations



Scale 1:50



Scale 1:100