



Arrow indicates trajectory of vehicle



Photos taken 18/5/23





### South Elevation

Impact damage is concentrated between LH side of ground floor window and RH corner post, with minor cracking to render above opening (hairline width).

### Impact Site

Timber-framed wall appears to date from c.1960-1980 and has been stoved in below first floor level.

No visible damage to the interior of the bedroom at first floor level.

Damage to the substructure below DPC level is unlikely due to the elevation of the driveway above the house.



### East (side) Elevation

No major signs of structural movement, but referred cracking to cement render near corner of house caused by shock.

Repairs to the render will be needed, possibly over a large area in order to achieve a comparable textured finish.



### West (roadside) Elevation

No visible symptoms of structural damage, but hairline cracks, some of which had previously been repaired, will be the result of thermal movement.



Loose trim to soffit noted, also leaking downpipe joint.

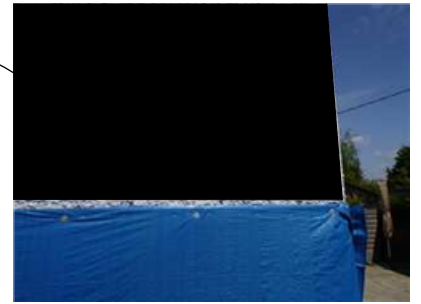


Paint marks on verge are not indicative of structural movement or damage and probably relate to replacement of fascia

Cracked render and possible damage to flank wall requires removal and replacement of render over shaded area as a minimum.



Cracks above impact zone require render to be replaced up to this level



Check coping to retaining wall is secure and repair as needed



No visible damage to render in this location, but will require replacement across entire elevation in order to achieve a waterproof envelope and acceptable visual appearance. Any junctions with existing render should be cut flush and provided with a sealed movement joint with a drip detail.



No visible damage to bedroom above

First Floor joists run parallel to gable wall

Oven unit was pushed inwards by the impact

Sink unit was pushed inwards by the impact, with the window



Jamb post was shoved in and ruptured

Sole plate will have rotated on substructure and needs replacing on new damp-proof course

diagonal brace

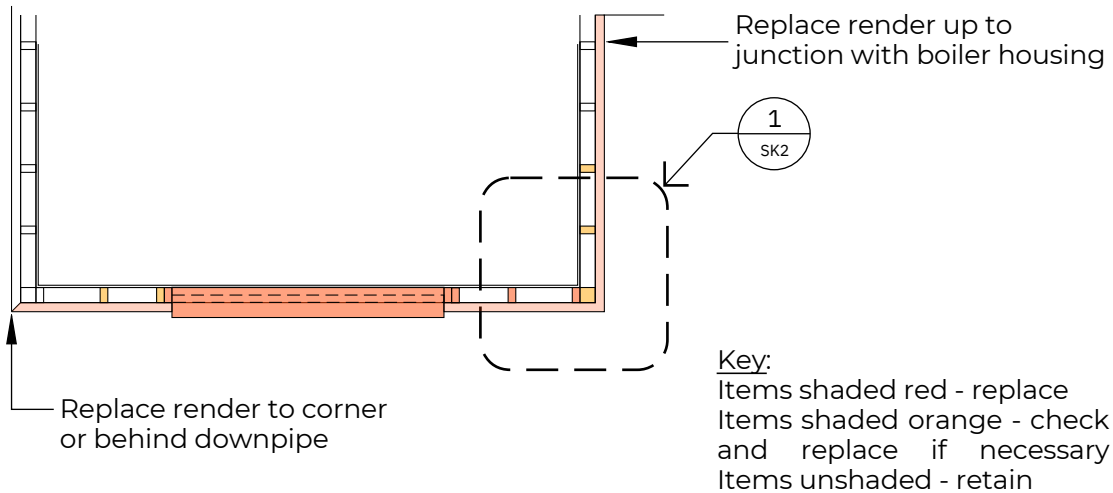
Opening in wall below worktop shows construction comprising:

- 25mm sand-cement render
- mild steel expamet lathing
- tar paper membrane
- 4" x 2" softwood stud framing
- glass wool insulation
- plasterboard & skim



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Plan View (1:50)



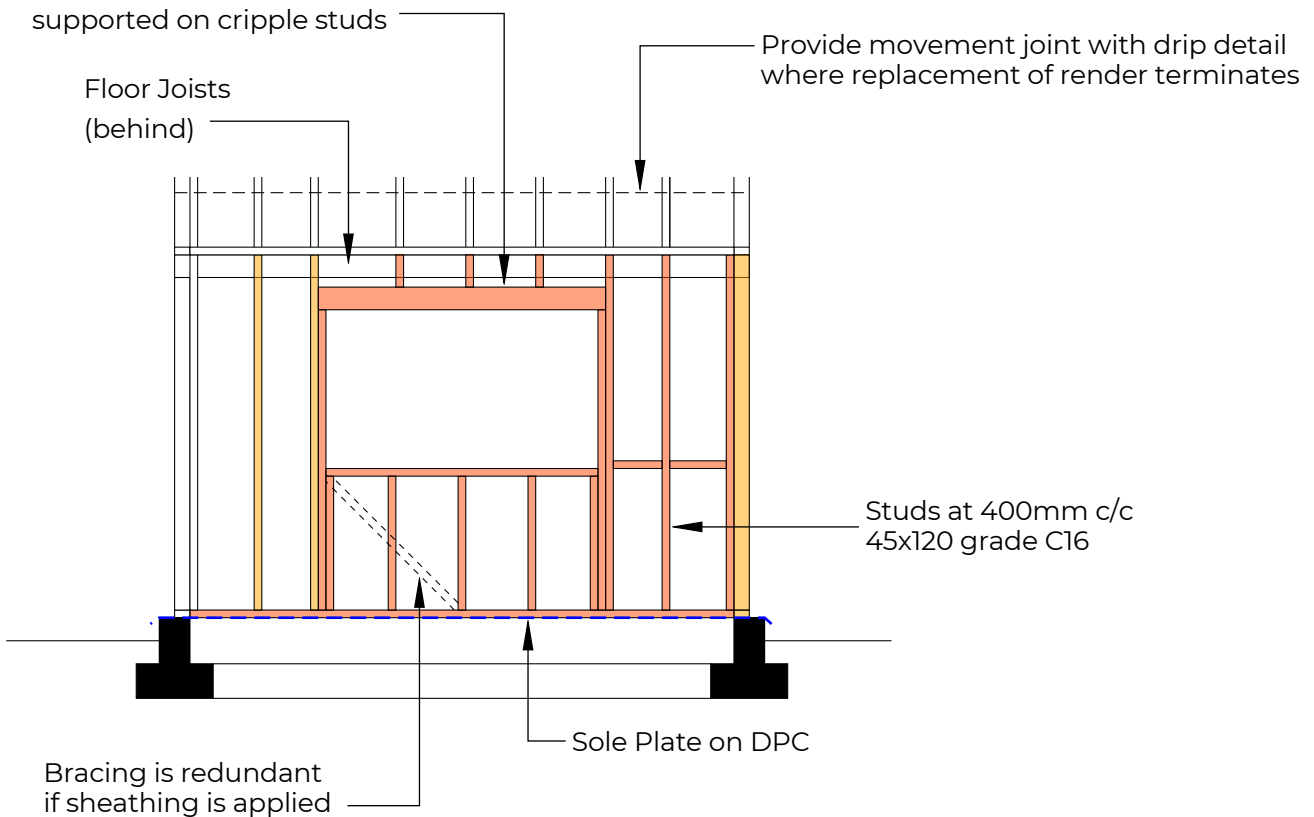
Lintel over window:

2no. 45x145 C24 SW

supported on cripple studs

Floor Joists  
(behind)

Provide movement joint with drip detail where replacement of render terminates

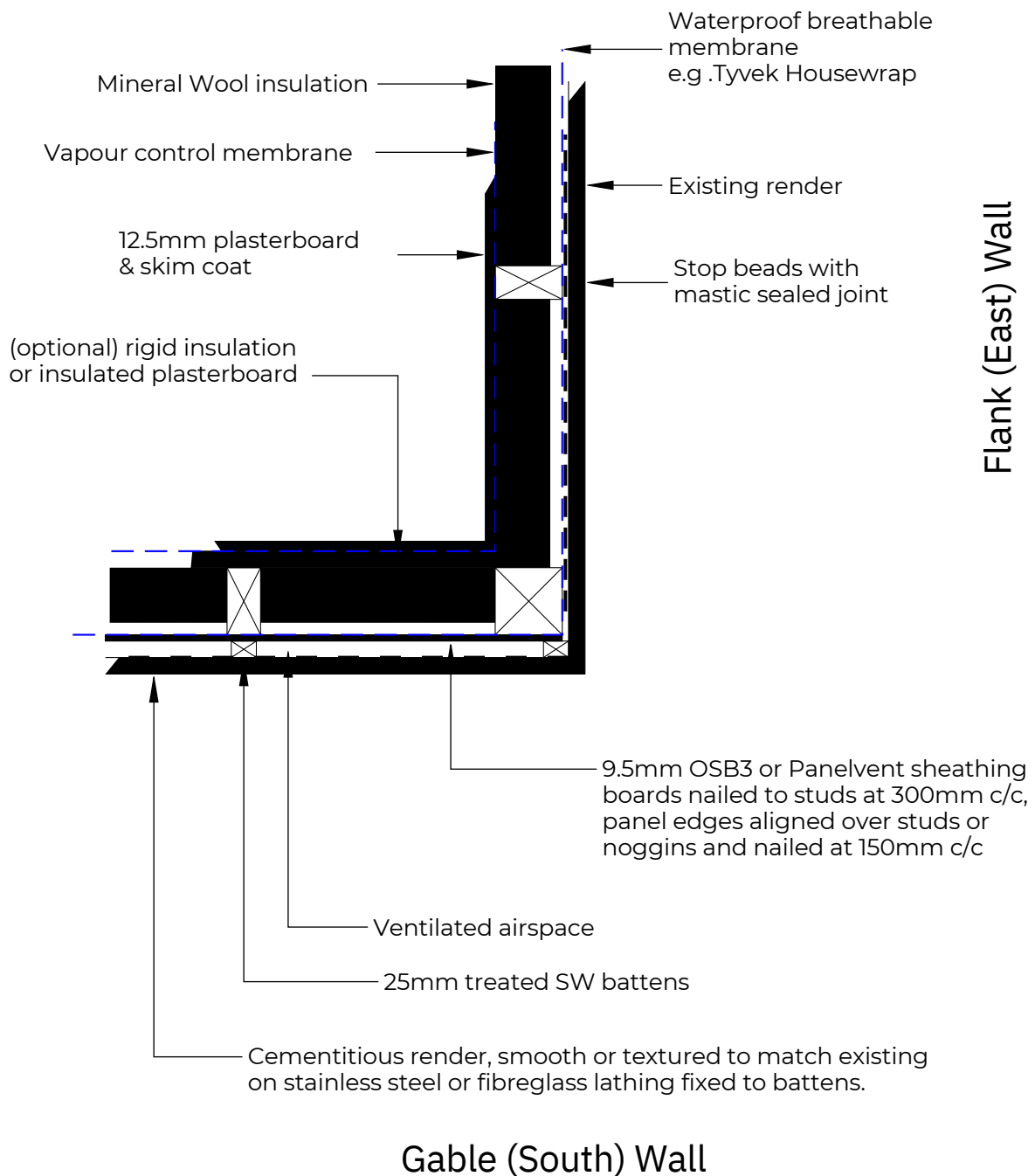


Cutaway View

Note: dimensions are not warranted accurate;  
 check all measurements on site before work

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Corner Detail (1:10)



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