2nd Floor Photography & Materials.



River House 67 High Street Hemingford Grey
PE28 9BN.

#2 Replacement of 2nd Floor Bathroom,
Removal of Sauna & Modern Partitions.

1.0 Photography of Existing Internal Structures.
2.0 Proposed Materials.

1.0 Photography of Existing Internal Structures.

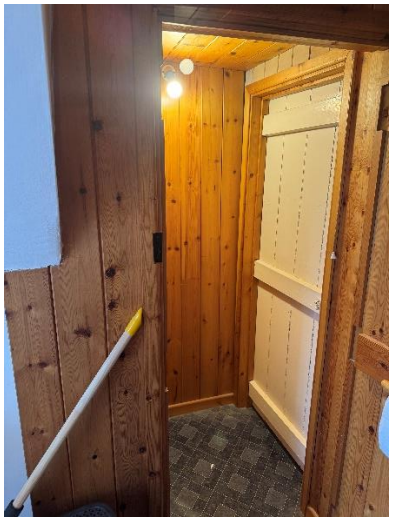
The existing studwork walls are cladded with timber match boarding throughout the Sauna and bath/shower room on the 2nd floor. The existing shower and bath currently have no mechanical extraction systems. The moisture vapour will be migrating into cold rafter space and condensing into the timber structure as it meets dew point. This can elevate the moisture content of the structural timbers and encourage fungal decay from wet and dry rot. To inhibit fungal decay we maintain the moisture content of timber below 20%. The introduction of a VCL layer and mechanical extraction work together in rooms where the moisture content is likely to be in excess of 60% at 20C. The evacuation of moist air via mechanical extraction also helps to mitigate the formation of surface mould on ceilings and cold wall surfaces.



W/C



W/C



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Sauna



Shower

2.0 Proposed Materials.

The existing and proposed walls are constructed from light weight timber stud work. The proposed walls will have dense mineral wool sound insulation and be clad with plasterboard. Pink 15mm plasterboard and a VCL is to be incorporated within the ceilings providing a certified 30min fire check. 12.5mm green moisture resistant plasterboard or cement tiling board will be used on the walls within humid or wet areas.

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