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**PROPOSED REBUILDING OF THE REAR CONSERVATORY
AND REAR SINGLE STOREY SECTION**

SEDUM ROOF TO THE SINGLE STOREY REAR EXTENSION.

June 2019

Job No: 482

SPECIFICATION OF THE ROOF FINISH.

The green roof will consist of a sedum layer supplied as ready to lay mats, on a substrate layer and geotextile layer to allow natural drainage, overall thickness 100mm. The waterproof membrane will be an EDPM single layer membrane with all joists welded and dressed into the gutters to NHBC chapter 7.1 guidelines.

The roof is to have warm deck roof insulation with rigid insulation boards over the decking and joists. The insulation will be 120mm Kingspan TR24 boards laid on 18mm external quality plywood on furring pieces to give a fall of 1:60 on timber joists at 400mm centres. The joist will be designed to carry a sedum roof load of 65 kg/sq.m plus the weight of the roof structure.

MAINTENANCE OF THE ROOF.

The sedum roof is to be inspected regularly and watered as required. Minimum watering schedule to be every day for the first week if laid in dry conditions, then as required for the first 6 months. Slow release fertilizer to be applied in April and October. This roof is over a single storey section of the building and can be visually inspected from the windows of the upper floors.

