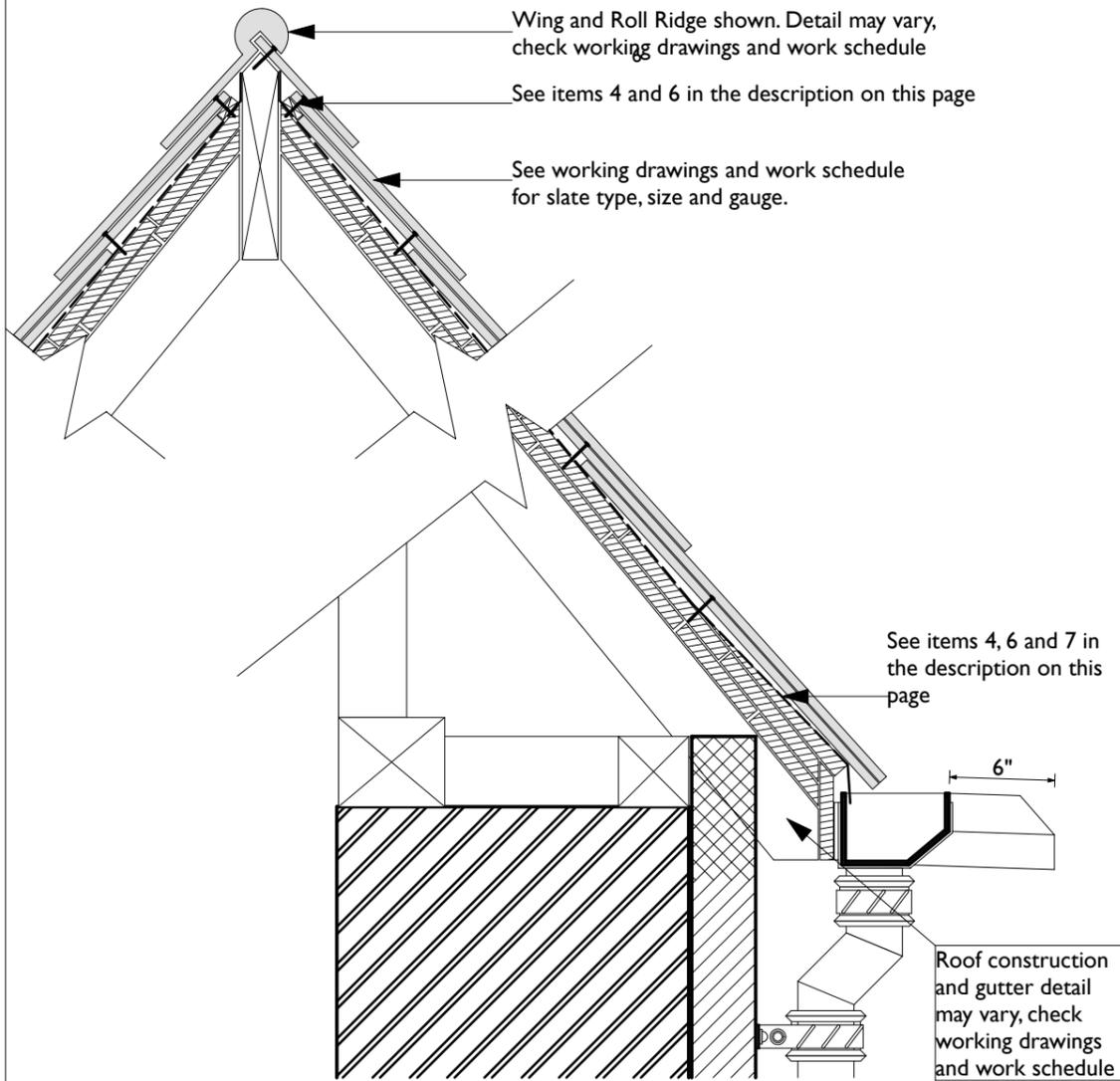
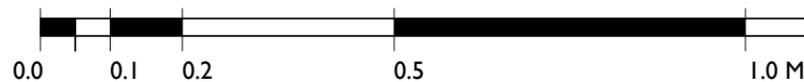


# Standard Specification Slate Roofing



Slate Roof Ridge and Eaves Detail, 1:10



- Carefully remove existing slating, battens, underlay etc., so as not to disturb any adjacent work to be retained. Set aside undamaged slates for reuse. Where slate roofs are to be stripped and relaid a gauge stick has to be prepared for each slope to record the spacing of the courses.
- Carefully go over all exposed rafters and boards to remove any old nails. Those that cannot be removed must be well driven home, Brush down with stiff wire brush to remove any dust, frass etc.
- Repair/replace rotten deteriorating sarking boards and rafters (all timberwork details as before). Treat all localised rot. Treat all insect infestation with bat friendly chemicals from approved list.
- Provide new Kloeber Permoforte sarking felt to suit roof construction. Maintain consistent tautness. Tape at laps and eaves carrier. Minimum horizontal laps of 225 mm. Minimum vertical laps of 100 mm coinciding with rafters and sarking felt to be taken over ridge. Fixings to be stainless steel, copper or aluminium felt nails. Where exposed at eaves provide a strip of underlay to BS 767, type %U, or equivalent UV durable type. Provide underlay support at eaves. Fix with tails projecting 50 mm over gutter or to centre of gutter. Use proprietary underlay seals or cut underlay neatly at penetrations.
- All new battens to be sawn softwood to BS5534-1. They are to have a moisture content at the time of covering of no more than 22%. Pre-treated with CCA or OS and BWPDA Commodity specification C8. Joints must occur not more than once in any group of four boards on one support. Provide additional battens where unsupported laps in underlay occur. Fix boards using 65 mm long x 10 gauge stainless steel annular ring shank nails.
- New slates to be Burlington blues - 01229 889661 - BS680-2 or as indicated in the Schedule of Work. Fix slating and accessories to make the whole sound and weathertight at earliest opportunity. Set out to true lines and regular appearance. Lay slates with slightly open (maximum 5 mm) butt joints. Align tails. Ensure slate thickness consistent in any one course. Lay with thicker end as tail. Use extra wide slates to maintain bond at ends of courses and to ensure that cut slates are as large as possible. Do not use slates less than 150 mm wide, slate and a half width slates to be used at abutments to ensure this if necessary. At the top head - nail a short course to maintain gauge. Top batten at the ridge for maintaining the slope of the slates at the ridge to be the thickness of one slate. Centre fix each slate twice through countersunk holes 20-25 mm from side edges. Ideally slates should be drilled on site to ensure accuracy of gauge. Fix with large headed copper nails in scots style to BS 5534, length to be 20mm longer than 2 thicknesses of slate. Slates to project 2" at the eaves.
- At the eaves install a tanalised, tapered, straight grain, quarter sawn tilting board. Width of board to be the same as lowest slate gauge. Thickness of tilting board to be one slate thickness at gauge point and increase down the slope to maintain the slope of the slates at the eaves. Carry the eaves tilting board up at the verges/abutments, all corners of tilting boards to mitred. This is to form swept up edges, which tilt the slates away from the verges/abutments.
- Soakers are to be code 3 lead, the coverflashings to be 5lb sandcast lead, unless specified differently in the drawings or workschedule.
- When slate roofs are to be stripped and relaid a gauge stick has to be prepared for each slope to record the spacing of the courses.

Revision:	Notes:	Date:	Key to Symbols used (above)
Revision:	Notes:	Date:	This drawing is copyright ©
Drawn:	North Point:	Drawn Scale:	Checked:
Location:		Grid Ref. :	© Nicholas Warns Architect Ltd.
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Drawing:	Slate roofing Ridge and Eaves - APPENDIX A	Drawing Number:	Tel.: 01603 622056
Scale: 1:10	Location	Plan	Detail
		Section	Elevation
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