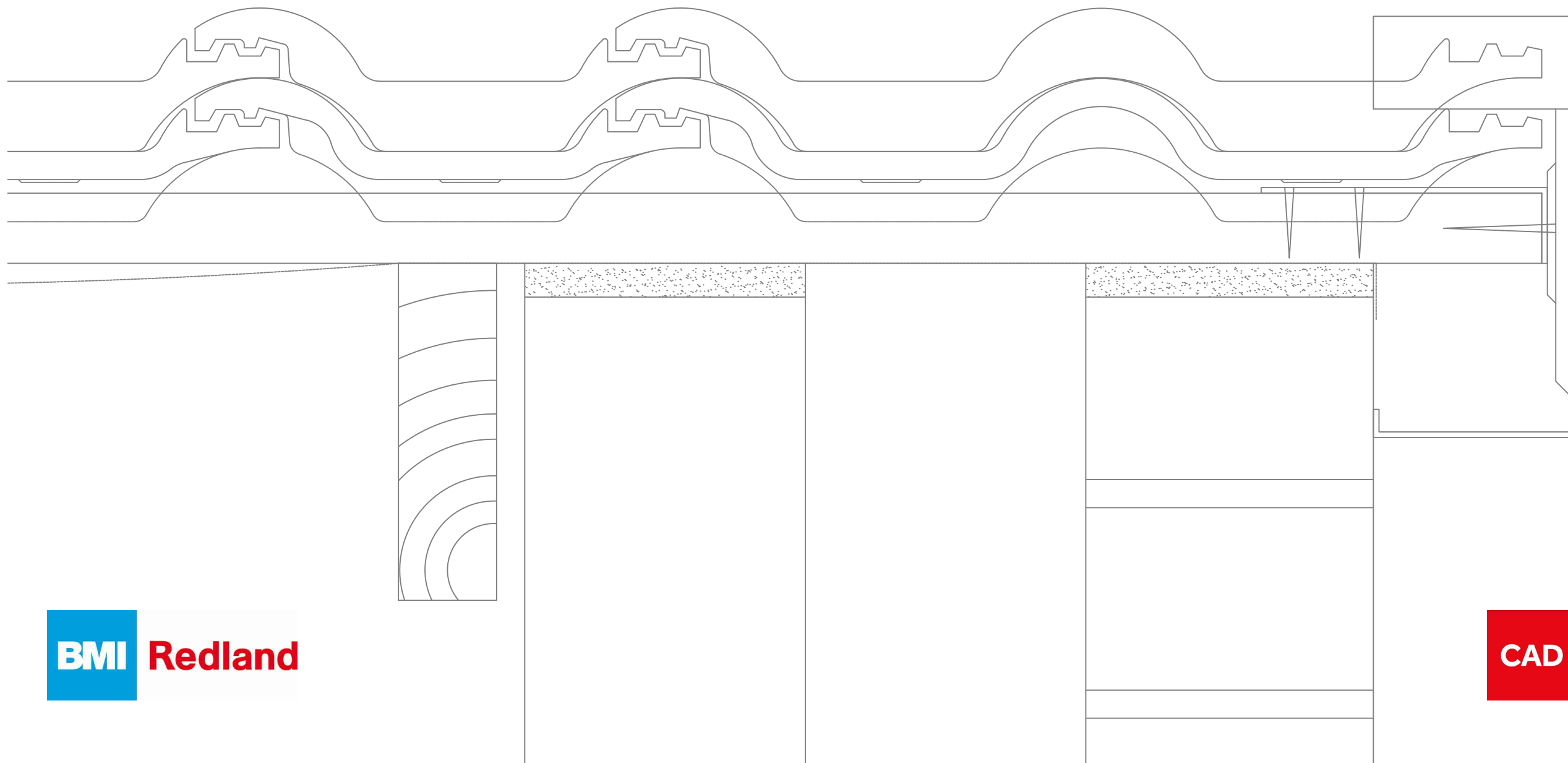
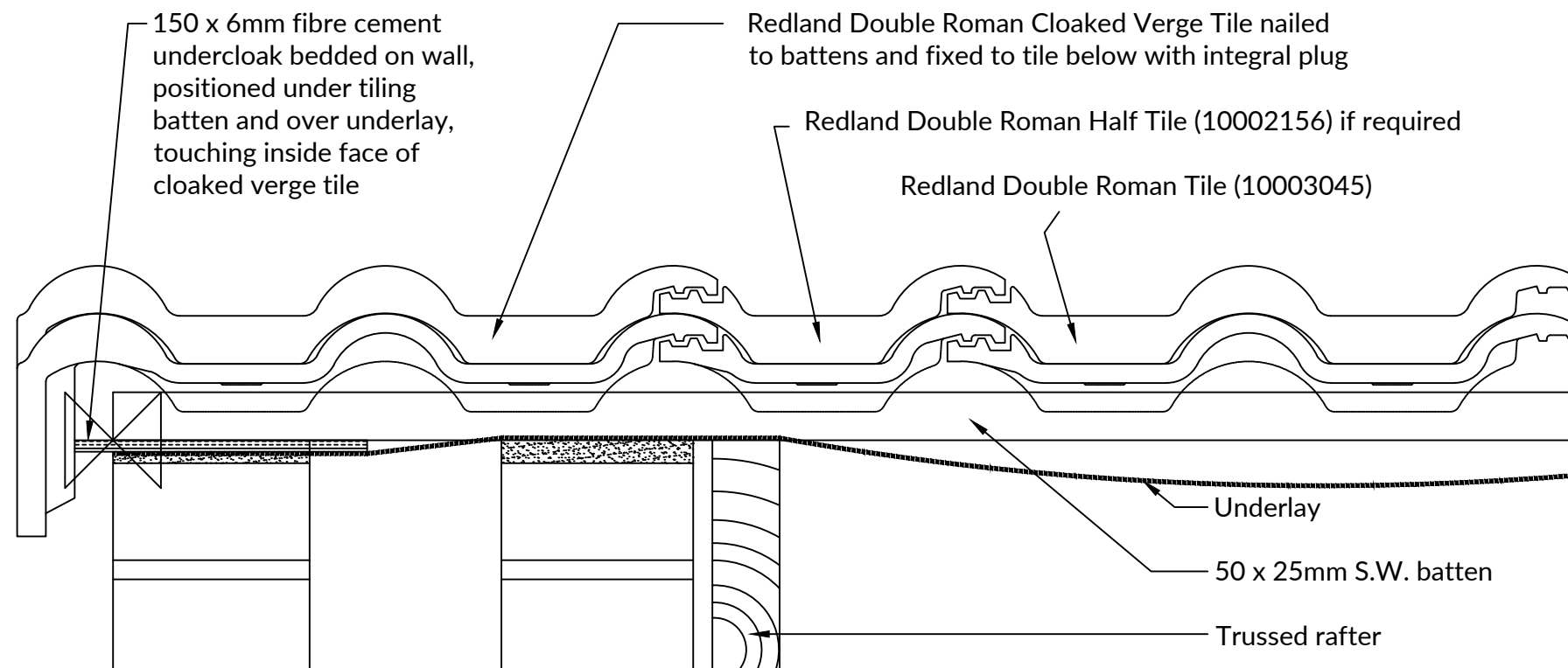


# 50 Double Roman Verge.

## Standard CAD Details





**435 CLOAKED VERGE**

- \* Carry underlay and battens over full width of verge.
- \* Bed underlay and 150 x 6mm fibre cement undercloak of approved colour on top of underlay, on mortar identical to that used in gable walling and point neatly, ensuring undercloak projection to inside face of Cloaked Verge (Use shunt and Half Tiles as necessary to reduce the verge overhang to a minimum). Ensure that gable wall (including undercloak) finishes level with top of rafters.
- \* For pitches above 30°, fix short lengths of batten as additional support to verge, down slope from and touching the main battens, and fixed to at least two rafters.
- \* Use Left-hand (10002139) or Right-hand (10002147) Redland Double Roman Cloaked verge Tiles as appropriate, nail to tiling battens and fix with integral plugs (provided). Use shunt and Half Tiles 10002156 as necessary to ensure that inside face of Cloaked Verge Tiles abut with edge of undercloak.

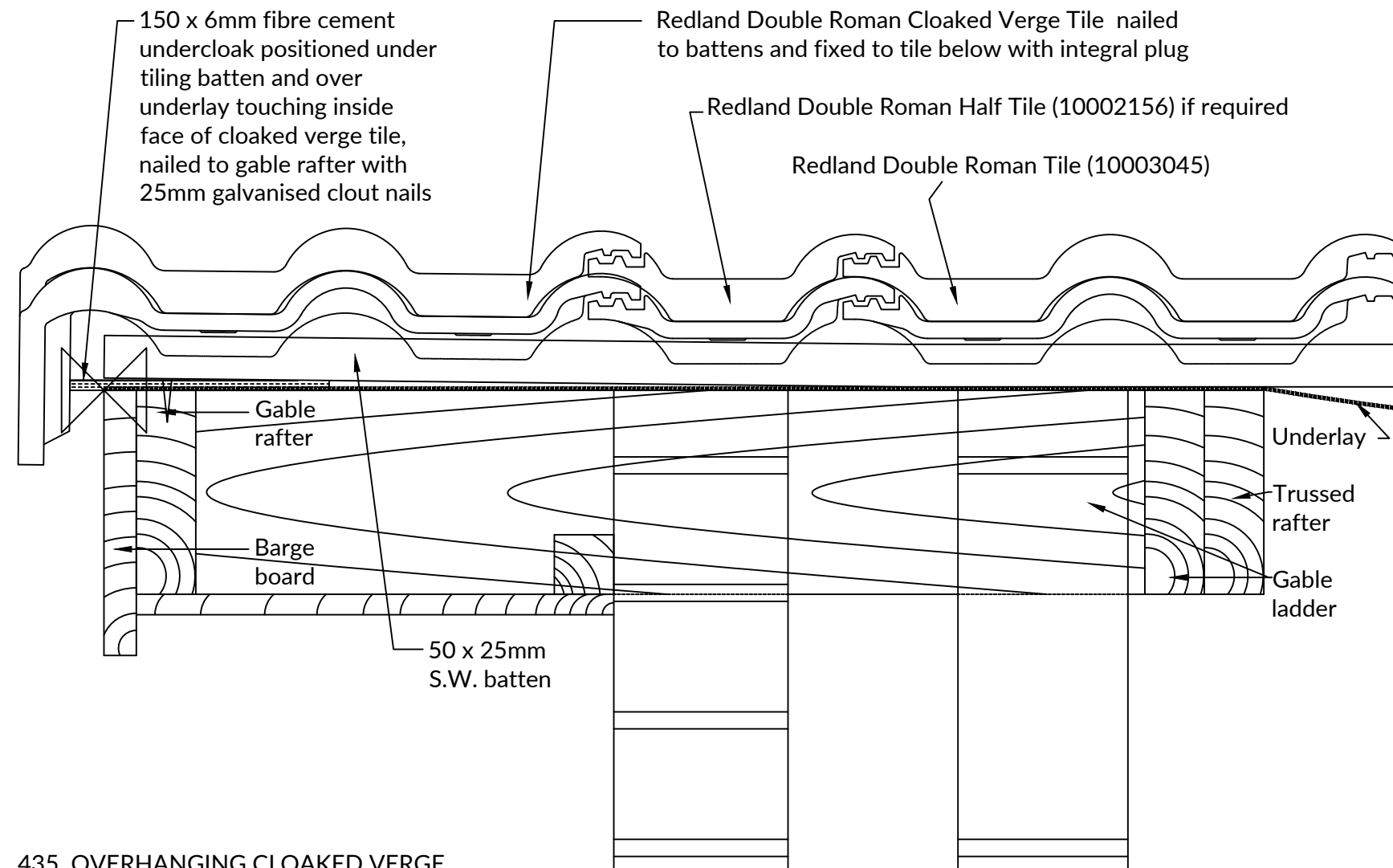


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<b>Drawing Title:</b>	Cloaked Verge				
<b>System:</b>	50 Double Roman / Cloaked Verge				
<b>Dwg. No:</b>	DR00VRG1	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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**435 OVERHANGING CLOAKED VERGE**

- \* Ensure that gable wall and gable ladder are constructed level with top of rafters.
- \* Carry underlay and battens over full width of verge to outer face of barge board.
- \* Place 6mm fibre cement undercloak of approved colour between underlay and tiling battens, and projecting beyond face of bargeboard to touch inside face of Cloaked Verge (Use shunt and Half Tiles as necessary to reduce the Cloaked Verge overhang to a minimum). Fix undercloak over underlay to gable rafter with 25mm galvanised clout nails. Properly fix tiling battens to rafters and gable rafter
- \* For pitches above 30°, fix short lengths of batten as additional support to verge, down slope from and touching the main battens, and fixed to at least two rafters.
- \* Use Left-hand (10002139) or Right-hand (10002147) Redland Double Roman Cloaked verge Tiles as appropriate, nail to tiling battens and fix with integral plugs (provided). Use shunt and Half Tiles (10002156) as necessary to ensure that inside face of Cloaked Verge Tiles abut with edge of undercloak.

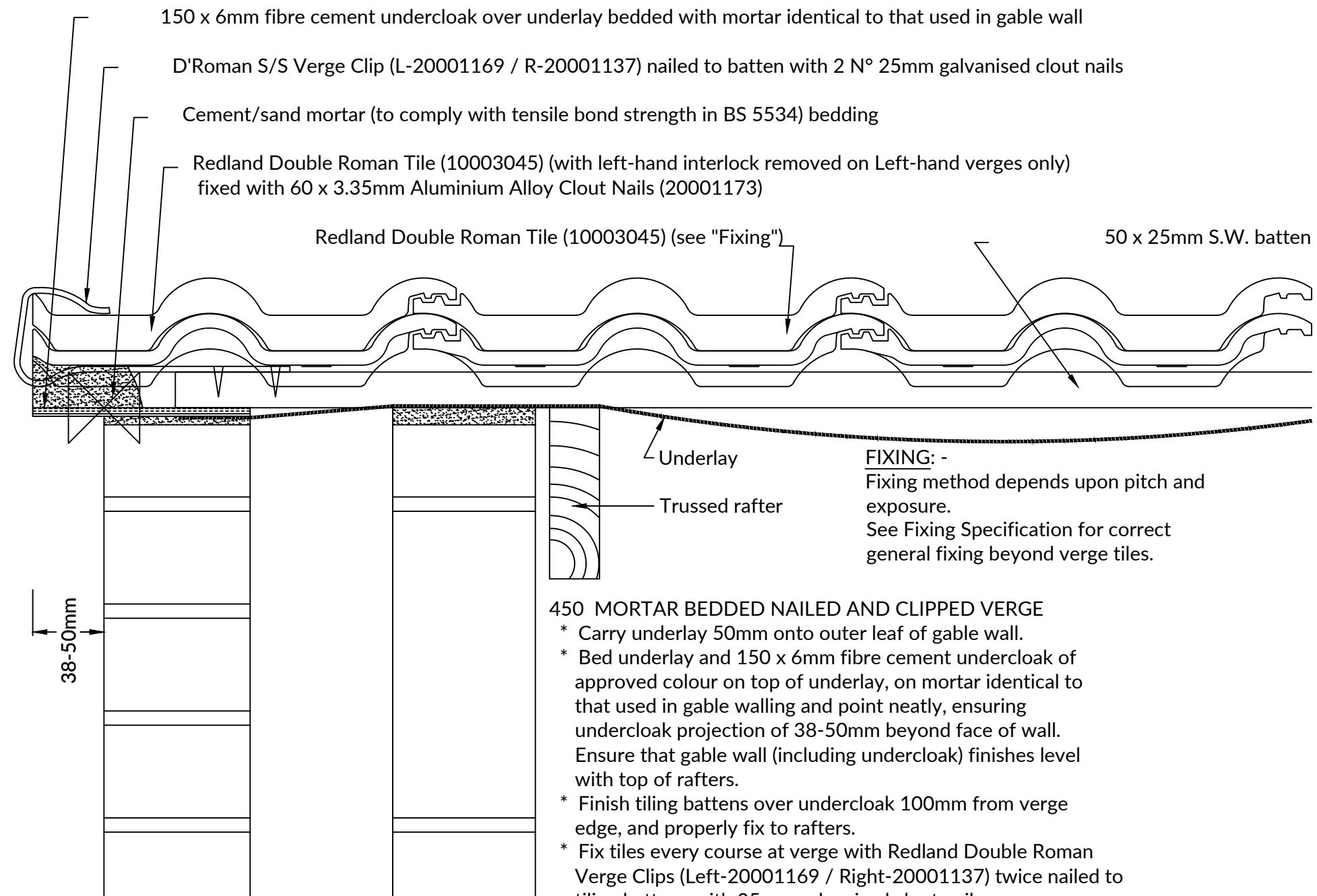


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<b>Drawing Title:</b>	Overhanging Cloaked Verge				
<b>System:</b>	50 Double Roman / Cloaked Verge				
<b>Dwg. No:</b>	DR00VRG2	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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**450 MORTAR BEDDED NAILED AND CLIPPED VERGE**

- \* Carry underlay 50mm onto outer leaf of gable wall.
- \* Bed underlay and 150 x 6mm fibre cement undercloak of approved colour on top of underlay, on mortar identical to that used in gable walling and point neatly, ensuring undercloak projection of 38-50mm beyond face of wall. Ensure that gable wall (including undercloak) finishes level with top of rafters.
- \* Finish tiling battens over undercloak 100mm from verge edge, and properly fix to rafters.
- \* Fix tiles every course at verge with Redland Double Roman Verge Clips (Left-20001169 / Right-20001137) twice nailed to tiling battens with 25mm galvanised clout nails.
- \* Fix Redland Double Roman Tiles (10003045) on left-hand and right-hand verges with 60x3.35mm Aluminium Alloy Clout Nails (20001173). On left-hand verges only, remove left-hand interlocks prior to fixing.
- \* Bed edge of all tiles at verge, on a 75mm wide bed of mortar as clause 290, ensuring that mortar is not displaced or cracked by mechanical fixing of tiles.

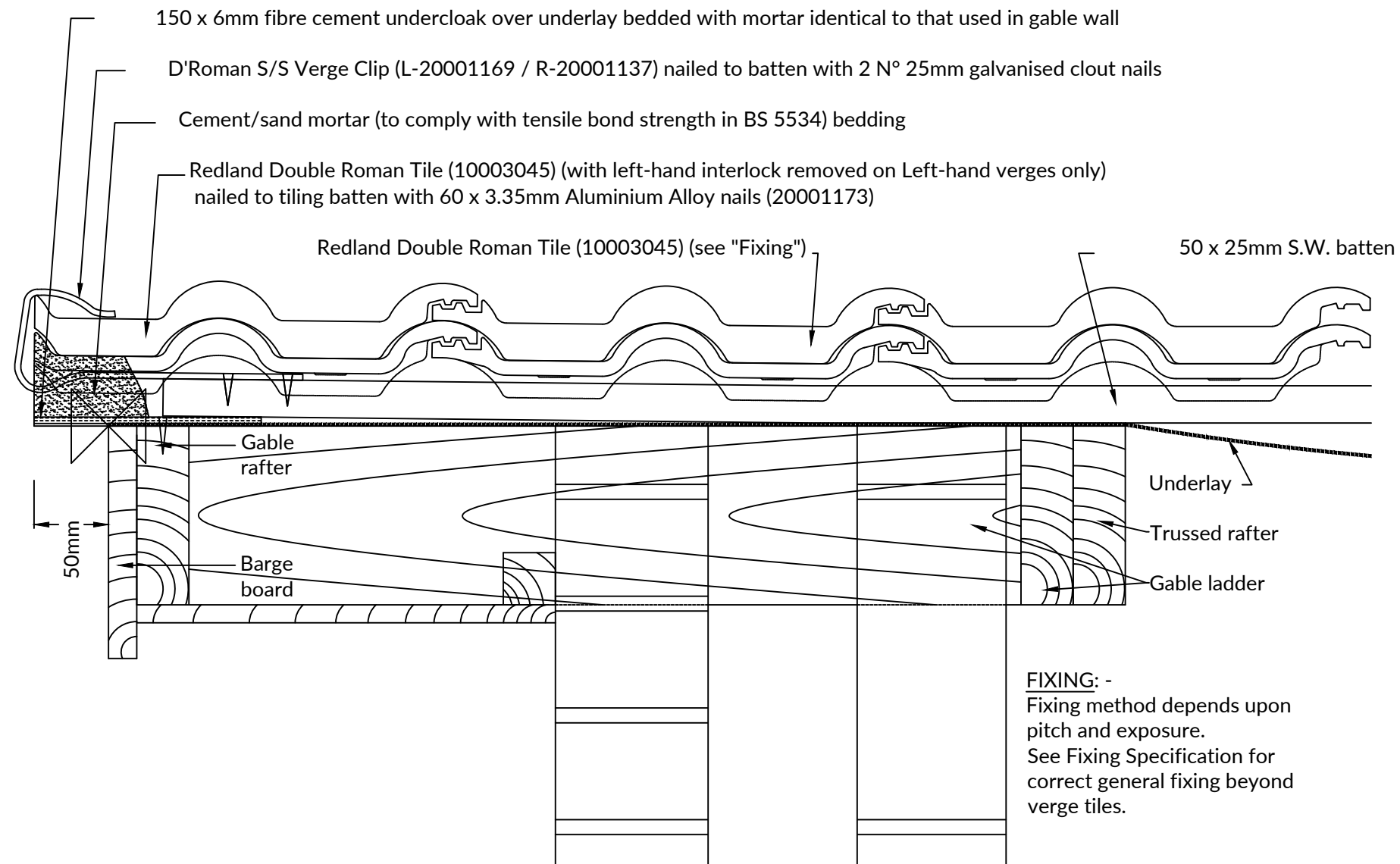


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<b>Drawing Title:</b>	Mortar Bedded Verge (Nailed+Clipped)				
<b>System:</b>	50 Double Roman / Mortar Verge				
<b>Dwg. No:</b>	DR00VRG3	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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#### 450 OVERHANGING MORTAR BEDDED NAILED AND CLIPPED VERGE

- \* Ensure that gable wall and gable ladder are constructed level with top of rafters.
- \* Carry underlay over full width of verge to outer face of barge board.
- \* Place 6mm fibre cement undercloak of approved colour over underlay and projecting 50mm beyond face of bargeboard, and fix to gable rafter with 25mm galvanised clout nails.
- \* Finish tiling battens at centre of gable rafter and properly fix to rafters and gable rafter.
- \* Fix tiles every course with Redland Double Roman S/S Verge Clips (Left-20001169 / Right-20001137) twice nailed to tiling battens with 25mm galvanised clout nails.
- \* Fix Redland Double Roman Tiles (10003045) on left-hand and right-hand verges to tiling battens with 60 x 3.35mm Aluminium Alloy Nails (20001173). On left-hand verges only, remove left-hand interlocks prior to fixing.
- \* Bed edge of all tiles at verge, on a 75mm wide bed of mortar as clause 290, ensuring that mortar is not displaced or cracked by mechanical fixing of tiles.

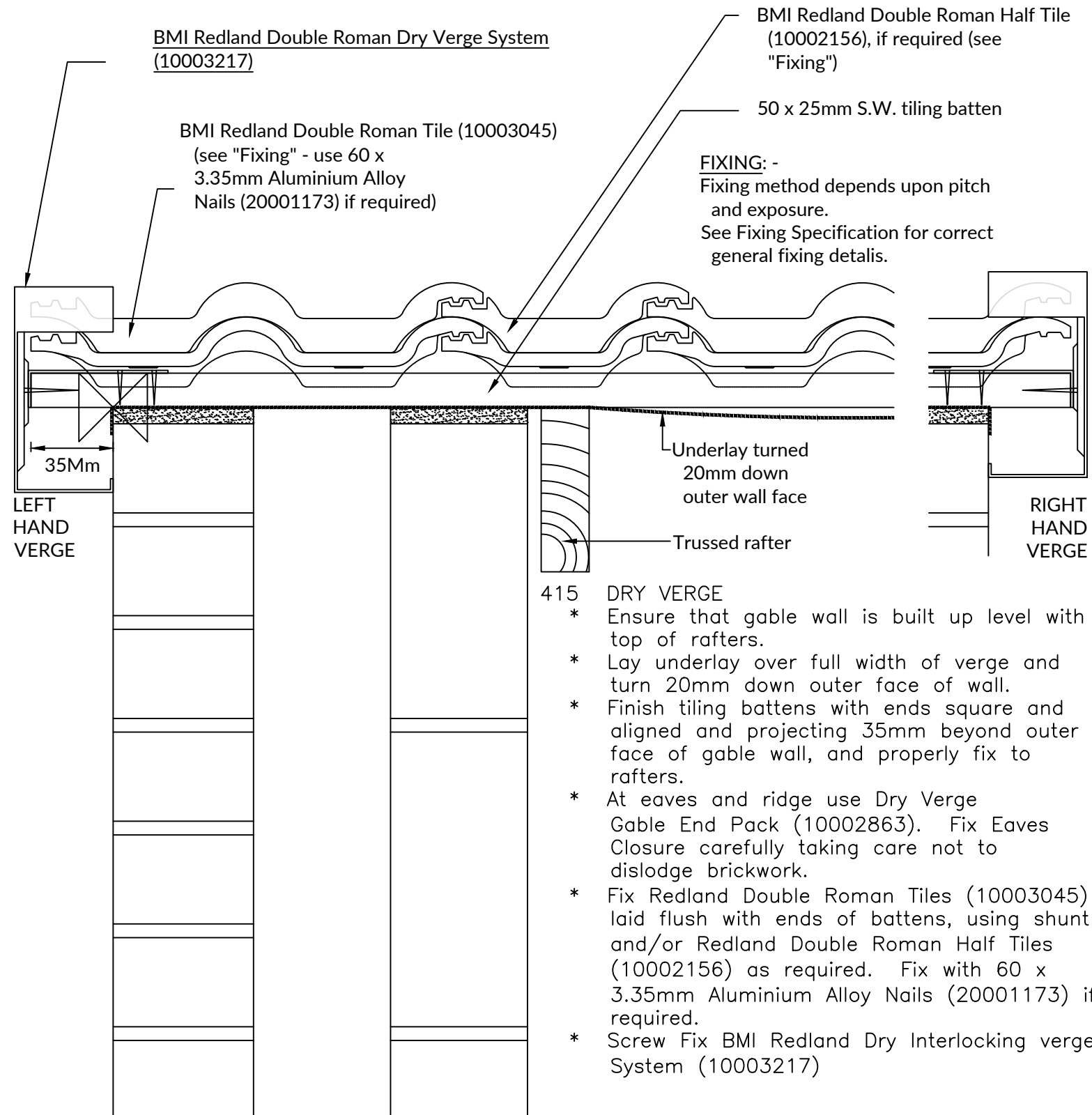


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<b>Drawing Title:</b>	Overhanging Mortar Bedded Verge (Nailed+Clipped)				
<b>System:</b>	50 Double Roman / Mortar Verge				
<b>Dwg. No:</b>	DR00VRG4	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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<b>Drawing Title:</b>	Dry Verge				
<b>System:</b>	50 Double Roman / Dry Verge				
<b>Dwg. No:</b>	DR00VRG7	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

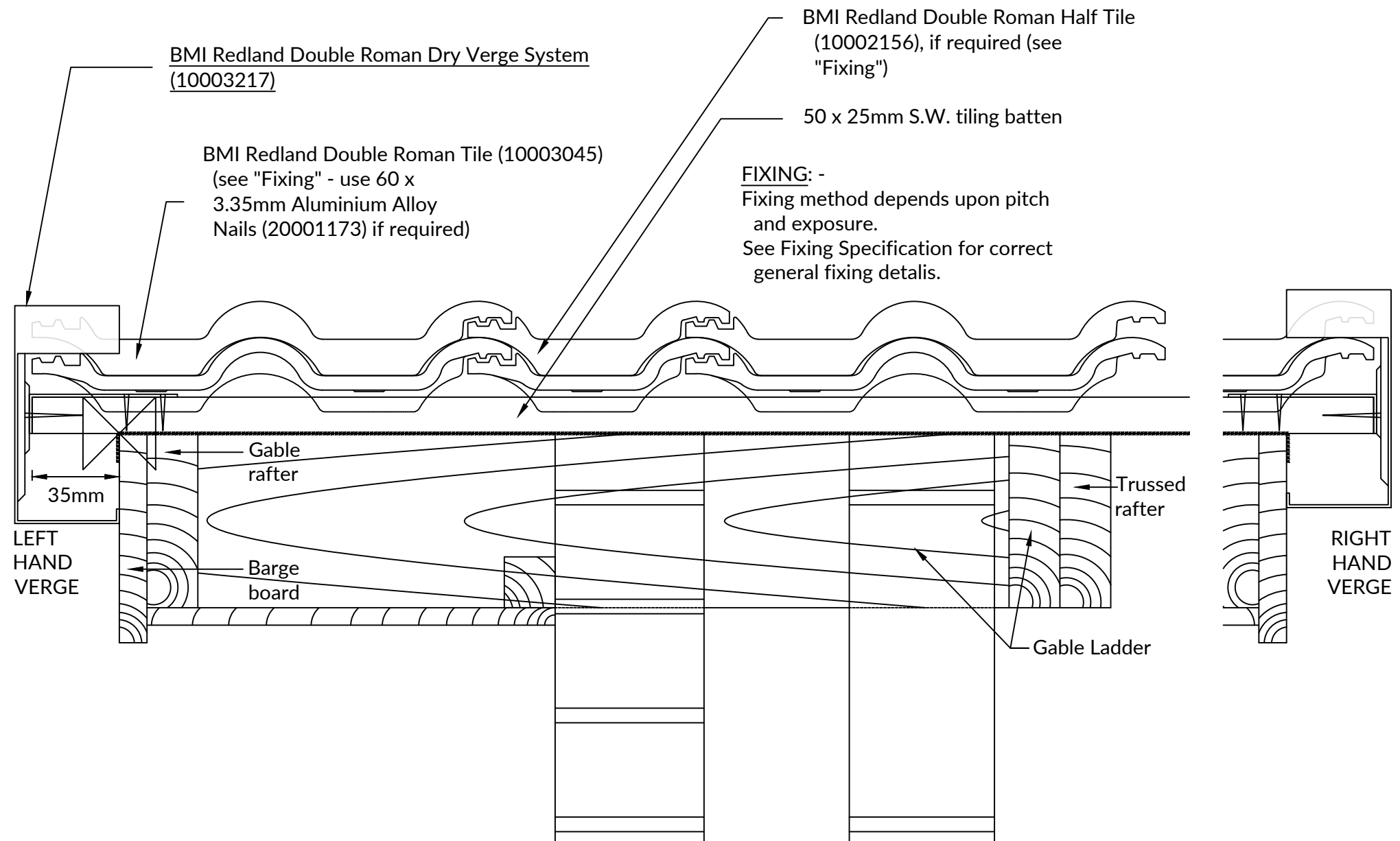
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**415 OVERHANGING DRY VERGE**

- \* Ensure that gable wall and gable ladder are constructed level with top of rafters.
- \* Lay underlay over full width of verge and turn 20mm down outer face of wall.
- \* Finish tiling battens with ends square and aligned and projecting 60mm beyond outer face of gable wall, and properly fix to rafters.
- \* At eaves and ridge use BMI Redland Dry Verge Gable End Pack (10002863).
- \* Fix BMI Redland Double Roman Tiles (10003045) laid flush with ends of battens, using shunt and/or BMI Redland Double Roman Half Tiles (10002156) as required. Fix with 60 x 3.35mm Aluminium Alloy Nails (20001173) if required.
- \* Screw Fix BMI Redland Dry Interlocking verge System (10003217)

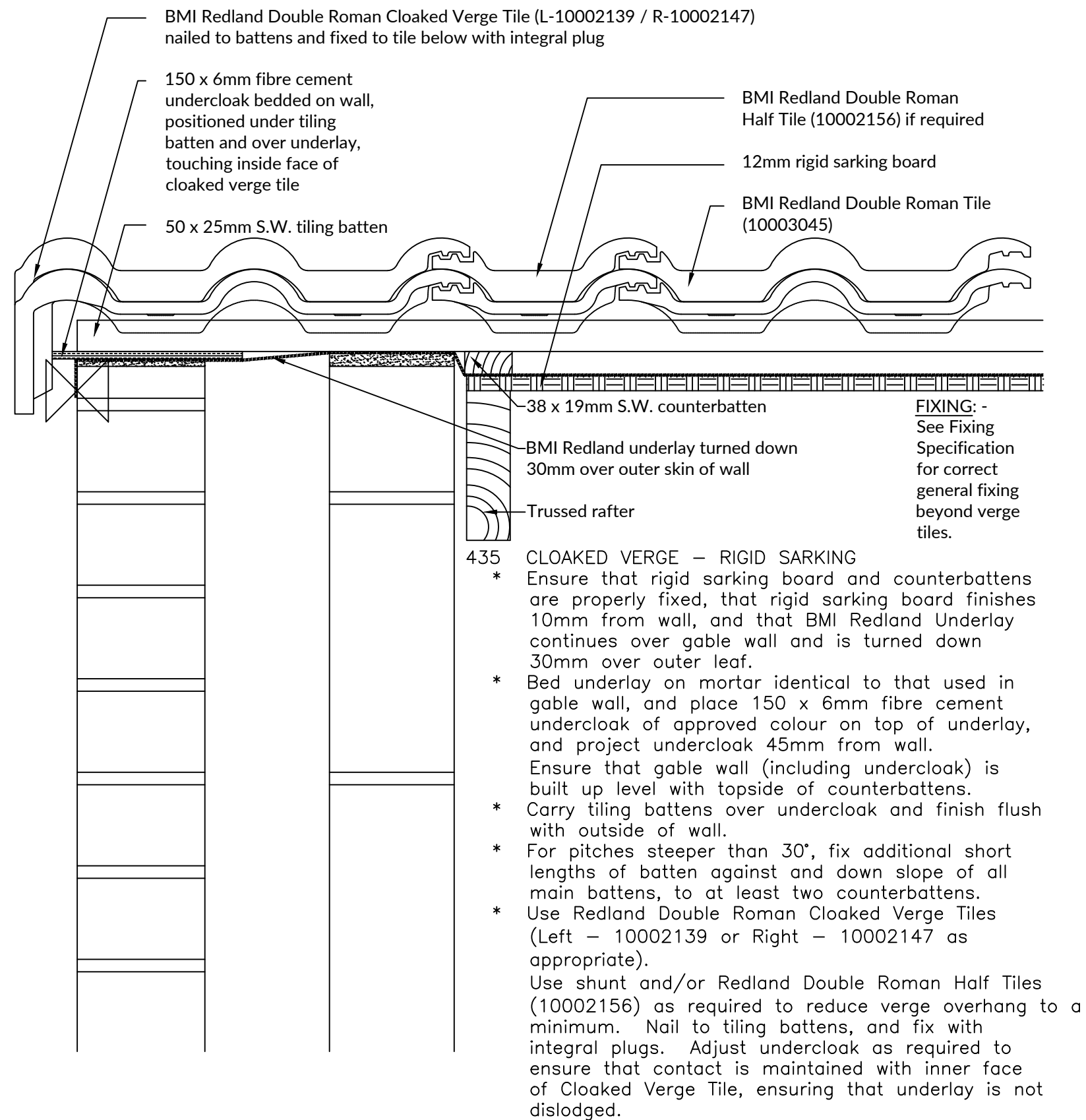


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<b>Drawing Title:</b>	Overhanging Dry Verge				
<b>System:</b>	50 Double Roman / Dry Verge				
<b>Dwg. No:</b>	DR00VRG8	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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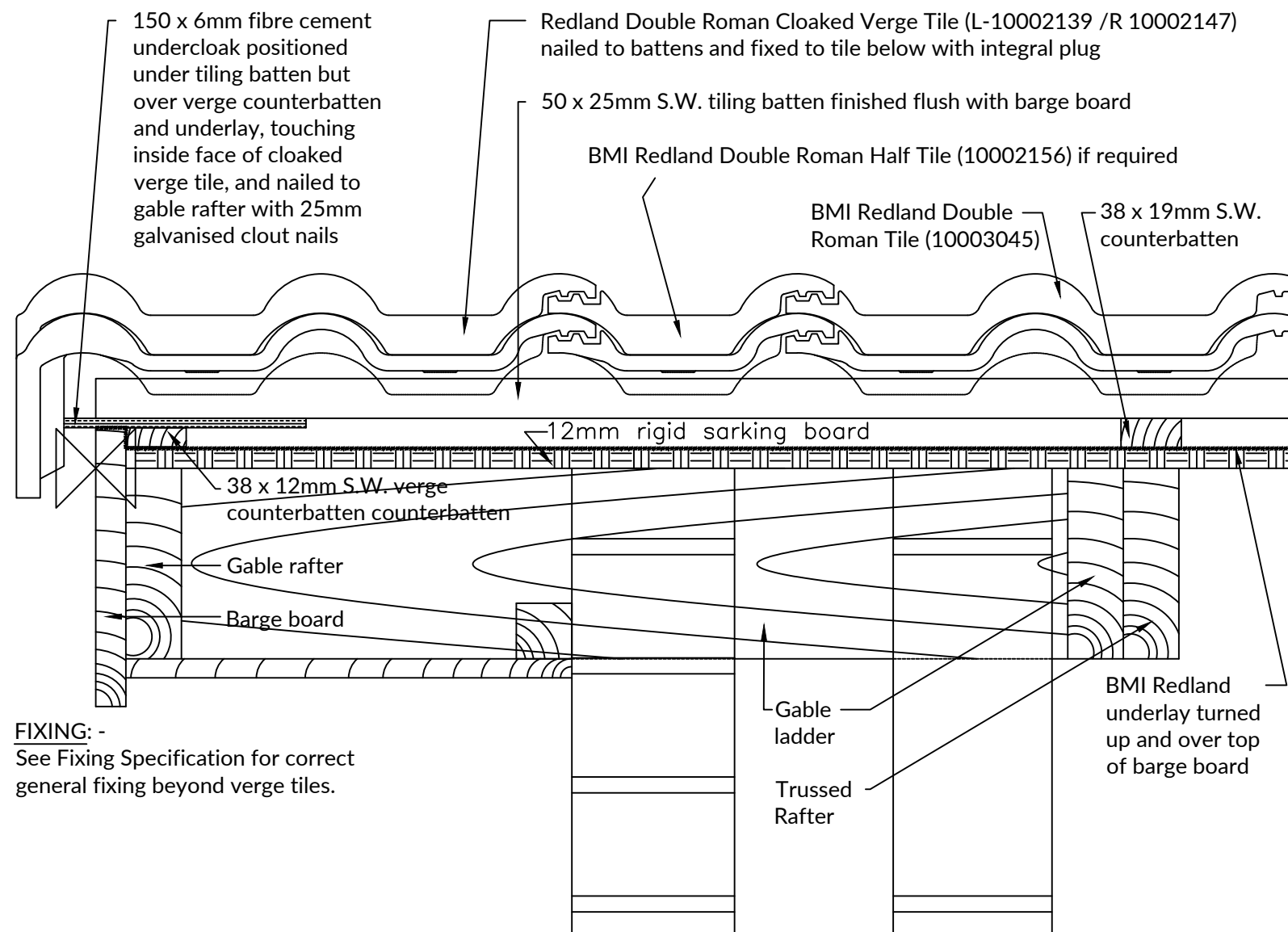
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<b>Drawing Title:</b>	Cloaked Verge - Sarking				
<b>System:</b>	50 Double Roman / Cloaked Verge				
<b>Dwg. No:</b>	DR00VGK1	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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**FIXING: -**  
See Fixing Specification for correct general fixing beyond verge tiles.

**435 OVERHANGING CLOAKED VERGE - RIGID SARKING**

- \* Ensure that wall and gable ladder are constructed level with top of rafters.
- \* Ensure that rigid sarking board and counterbattens are properly fixed, that rigid sarking board finishes at barge board, and that BMI Redland Underlay is turned up and over top of barge board. Ensure that verge counterbatten is 6mm less thick than main counterbattens.
- \* Ensure that barge board is level with topside of verge counterbatten.
- \* Trim tiling battens to outside of bargeboard. Properly fix but not yet at verge counterbatten.
- \* Slide 150 x 6mm fibre cement undercloak of approved colour under tiling batten but over verge counterbatten, fascia board and underlay, and project undercloak 45mm from barge board. When final position has been established (see below), fix tiling batten through undercloak, verge counterbatten and sarking to gable rafter.
- \* Use Redland Double Roman Cloaked Verge Tiles (Left - 10002139 or Right - 10002147 as appropriate). Use shunt and/or Redland Double Roman Half Tiles (10002156) as required to reduce verge overhang to a minimum. Position Cloaked Verge Tiles and adjust undercloak as required to ensure that contact is maintained with their inner face. Nail Cloaked Verge Tiles to tiling battens, and fix with integral plugs.

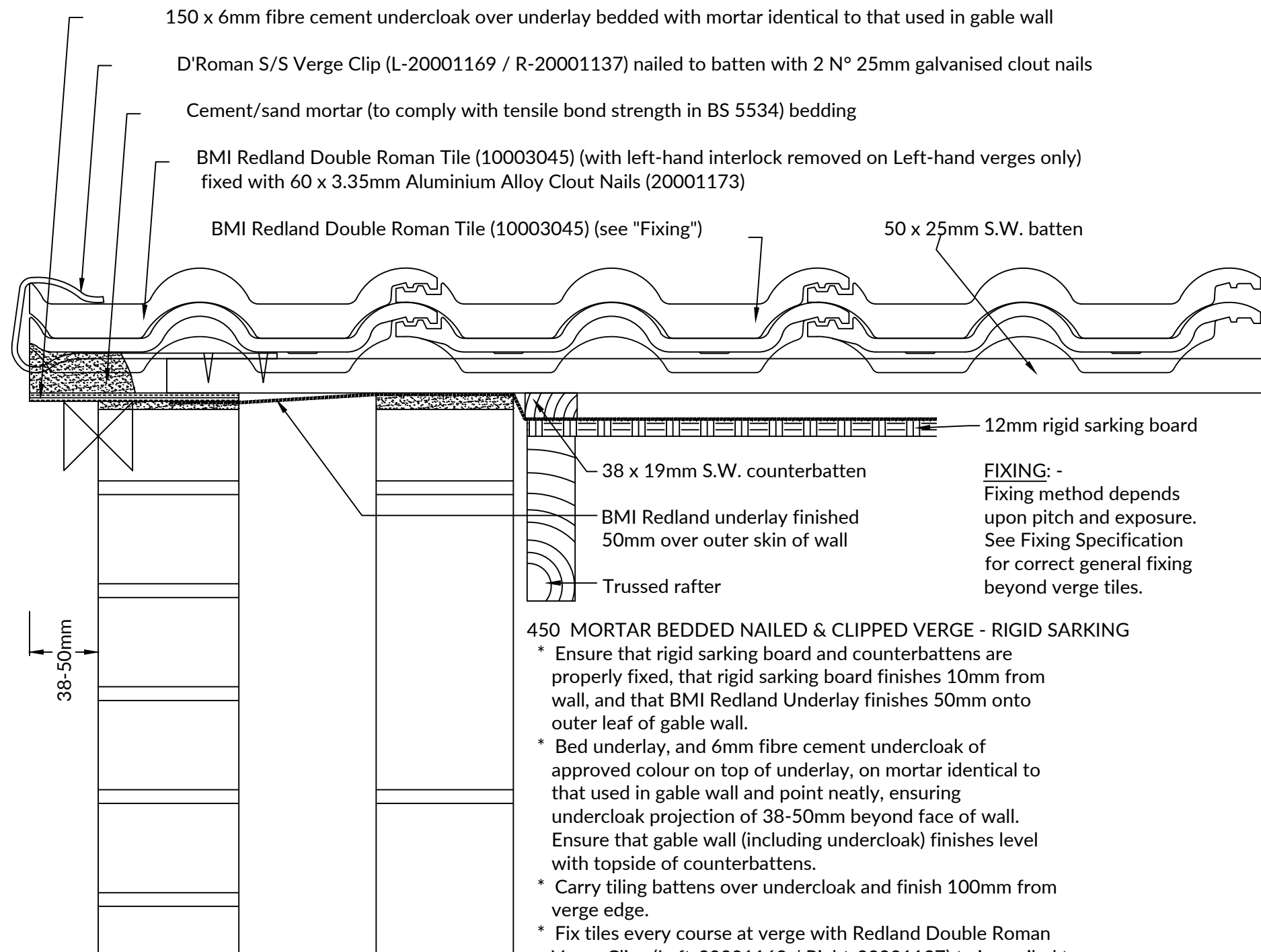


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<b>Drawing Title:</b>	Overhanging Cloaked Verge - Sarking				
<b>System:</b>	50 Double Roman / Cloaked Verge				
<b>Dwg. No:</b>	DR00VGK2	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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150 x 6mm fibre cement undercloak over underlay bedded with mortar identical to that used in gable wall

D’Roman S/S Verge Clip (L-20001169 / R-20001137) nailed to batten with 2 N° 25mm galvanised clout nails

Cement/sand mortar (to comply with tensile bond strength in BS 5534) bedding

BMI Redland Double Roman Tile (10003045) (with left-hand interlock removed on Left-hand verges only) fixed with 60 x 3.35mm Aluminium Alloy Clout Nails (20001173)

BMI Redland Double Roman Tile (10003045) (see "Fixing")

50 x 25mm S.W. batten

12mm rigid sarking board

38 x 19mm S.W. counterbatten

BMI Redland underlay finished 50mm over outer skin of wall

Trussed rafter

**FIXING:** -  
Fixing method depends upon pitch and exposure. See Fixing Specification for correct general fixing beyond verge tiles.

38-50mm

**450 MORTAR BEDDED NAILED & CLIPPED VERGE - RIGID SARKING**

- \* Ensure that rigid sarking board and counterbattens are properly fixed, that rigid sarking board finishes 10mm from wall, and that BMI Redland Underlay finishes 50mm onto outer leaf of gable wall.
- \* Bed underlay, and 6mm fibre cement undercloak of approved colour on top of underlay, on mortar identical to that used in gable wall and point neatly, ensuring undercloak projection of 38-50mm beyond face of wall. Ensure that gable wall (including undercloak) finishes level with topside of counterbattens.
- \* Carry tiling battens over undercloak and finish 100mm from verge edge.
- \* Fix tiles every course at verge with Redland Double Roman Verge Clips (Left-20001169 / Right-20001137) twice nailed to tiling battens with 25mm galvanised clout nails.
- \* Fix Redland Double Roman Tiles 10003045) on left-hand and right-hand verges with 60x3.35mm Aluminium Alloy Clout Nails (20001173). On left-hand verges only, remove left-hand interlocks prior to fixing.
- \* Bed edge of all tiles at verge, on a 75mm wide bed of mortar as clause 290, ensuring that mortar is not displaced or cracked by mechanical fixing of tiles.

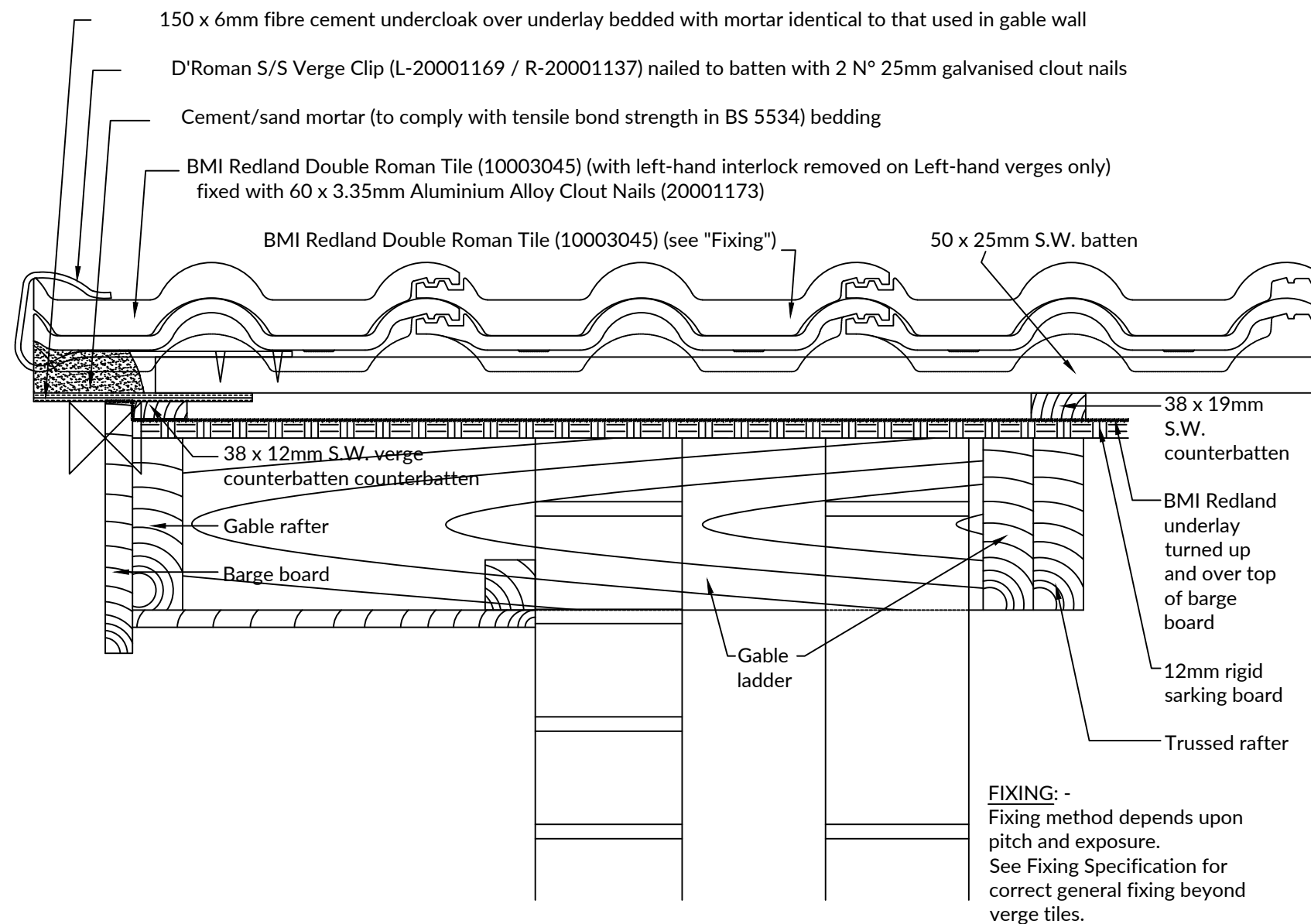


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<b>Drawing Title:</b>	Mortar Bedded Verge (Nailed+Clipped) - Sarking				
<b>System:</b>	50 Double Roman / Mortar Verge				
<b>Dwg. No:</b>	DR00V GK3	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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**450 OVERHANGING MORTAR BEDDED NAILED AND CLIPPED VERGE - RIGID SARKING**

- \* Ensure that wall and gable ladder are constructed level with top of rafters.
- \* Ensure that rigid sarking board and counterbattens are properly fixed, that rigid sarking board finishes at barge board, and that BMI Redland 250 Underlay is turned up and over top of barge board. Ensure that verge counterbatten is 6mm less thick than main counterbattens.
- \* Ensure that barge board is level with topside of verge counterbatten.
- \* Fix 150 x 6mm fibre cement undercloak of approved colour, to verge counterbatten, with 25mm galvanised clout nails, ensuring that undercloak projects 50mm from barge board.
- \* Finish tiling battens 85mm short of outer edge of undercloak, and fix through undercloak, verge counterbatten and sarking to gable rafter.
- \* Fix tiles every course with BMI Redland Double Roman S/S Verge Clips (Left20001169 / Right-20001137) twice nailed to tiling battens with 25mm galvanised clout nails.
- \* Fix Redland Double Roman Tiles (10003045) on left-hand and right-hand verges to tiling battens with 60 x 3.35mm Aluminium Alloy Nails (20001173). On left-hand verges only, remove left-hand interlocks prior to fixing.
- \* Bed edge of all tiles at verge, on a 75mm wide bed of mortar as clause 290, ensuring that mortar is not displaced or cracked by mechanical fixing of tiles.

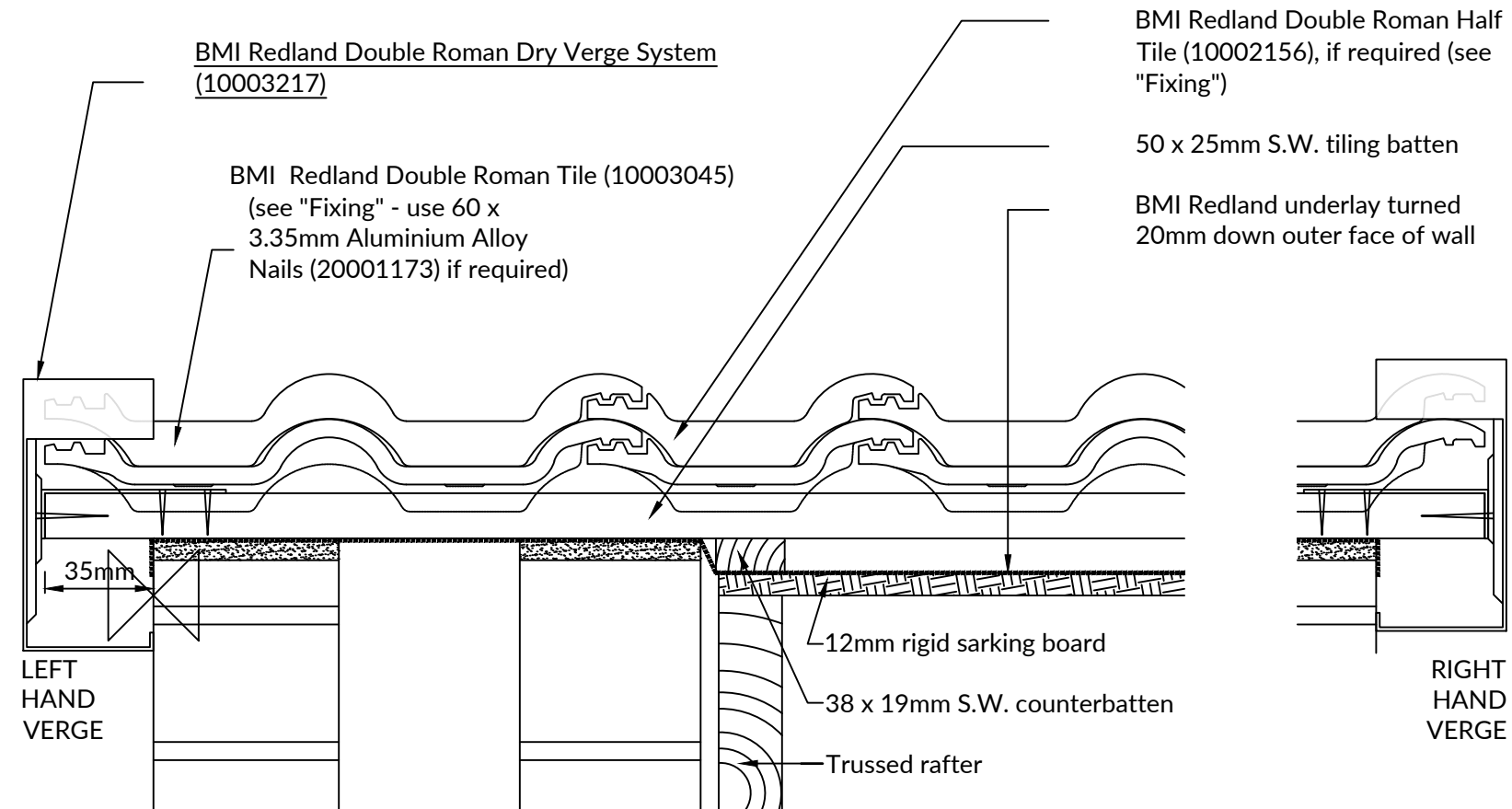


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<b>Drawing Title:</b>	Overhanging Mortar Bedded Verge (Nailed+Clipped) - Sarking				
<b>System:</b>	50 Double Roman / Mortar Verge				
<b>Dwg. No:</b>	DR00VGK4	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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**FIXING:** -  
 Fixing method depends upon pitch and exposure.  
 See Fixing Specification for correct general fixing details.

- 415 DRY VERGE – RIGID SARKING
- \* Ensure that gable wall is built up level with top of counterbattens.
  - \* Ensure that rigid sarking board and counterbattens are properly fixed, that rigid sarking board finishes 10mm from wall, and that BMI Redland Underlay continues over gable wall and is turned down 20mm over outer leaf.
  - \* Finish tiling battens with ends square and aligned and projecting 35mm beyond outer face of gable wall, and properly fix to rafters.
  - \* At eaves and ridge use BMI Redland Dry Gable End Pack (10002863). Fix Eaves Closure carefully taking care not to dislodge brickwork.
  - \* Fix BMI Redland Double Roman Tiles (10003045) laid flush with ends of battens, using shunt and/or Redland Double Roman Half Tiles (10002156) as required. Fix with 60 x 3.35mm Aluminium Alloy Nails (20001173) if required.
  - \* Screw Fix BMI Redland Dry Interlocking verge System (10003217)

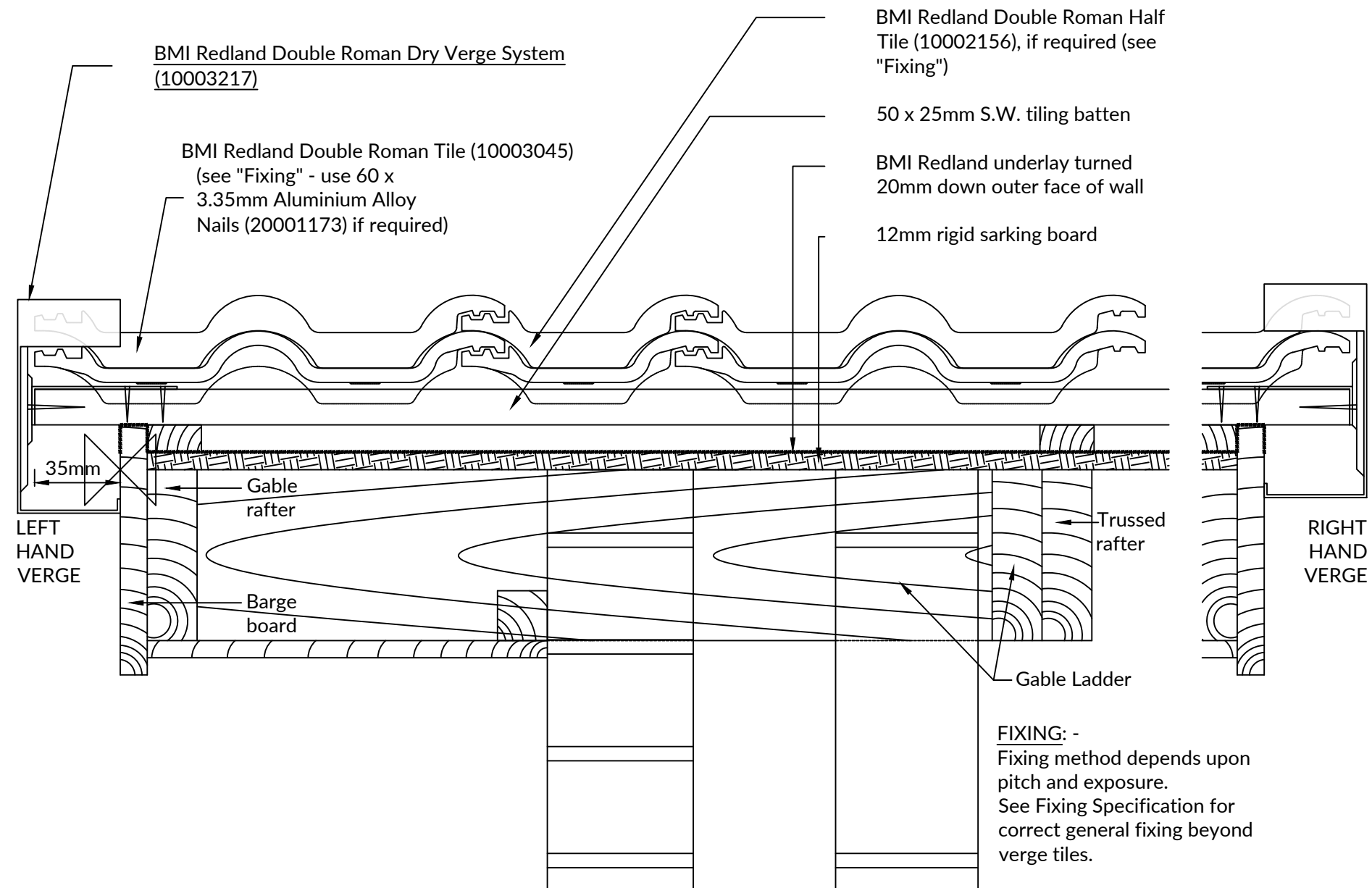


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<b>Drawing Title:</b>	Dry Verge - Sarking				
<b>System:</b>	50 Double Roman / Dry Verge				
<b>Dwg. No:</b>	DR00VGK7	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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**415 OVERHANGING DRY VERGE - RIGID SARKING**

- \* Ensure that gable wall and gable ladder are constructed level with top of rafters.
- \* Ensure that rigid sarking board, counterbattens and barge board are properly fixed, that barge board is flush with topside of counterbattens, that rigid sarking board finishes at barge board, and that BMI Redland Underlay is turned up to top of barge board.
- \* Finish tiling battens with ends square and aligned and projecting 35mm beyond outer face of barge board, and properly fix to rafters.
- \* At eaves and ridge use BMI Redland Dry Verge Gable End Pack (10002863).
- \* Fix BMI Redland Double Roman Tiles (10003045) laid flush with ends of battens, using shunt and/or Redland Double Roman Half Tiles (10002156) as required. Fix with 60 x 3.35mm Aluminium Alloy Nails (20001173) if required.
- \* Screw Fix BMI Redland Dry Interlocking verge System (10003217)



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<b>Drawing Title:</b>	Overhanging Dry Verge - Sarking				
<b>System:</b>	50 Double Roman / Dry Verge				
<b>Dwg. No:</b>	DR00VGK8	<b>Date:</b>	18 May 2022	<b>Scale</b>	NTS

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