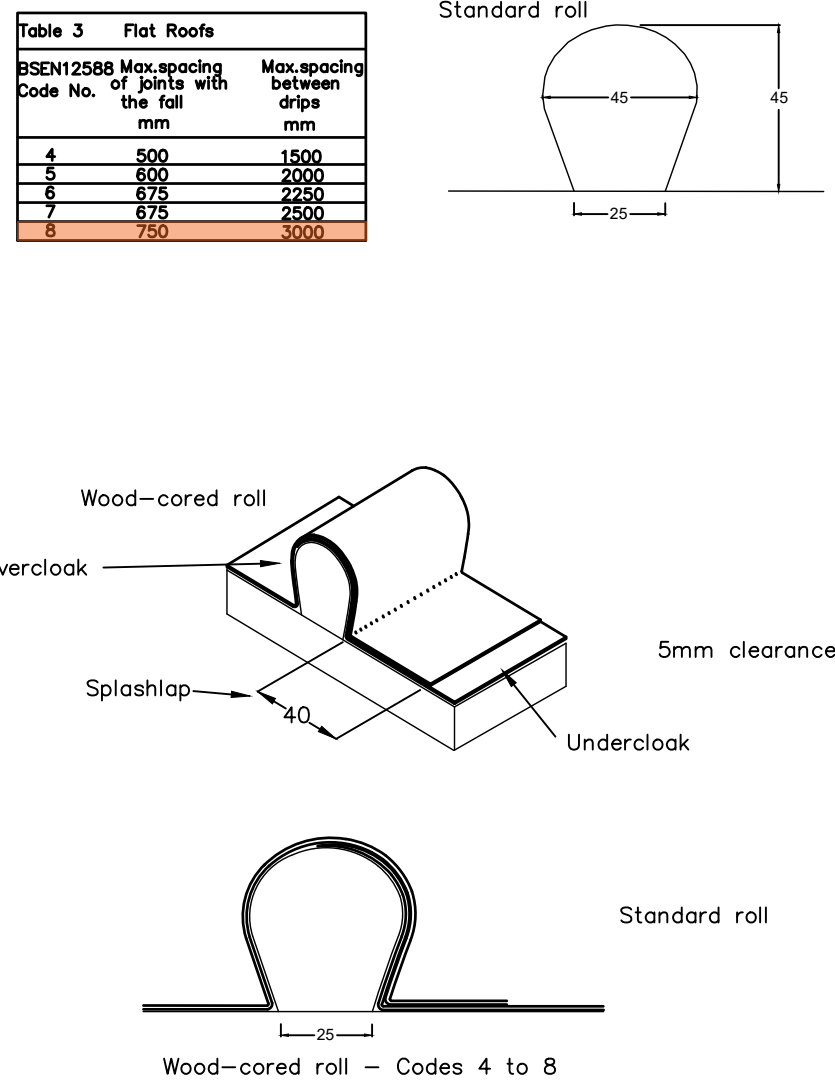


THIS IS A GRADE II LISTED BUILDING

SPECIFICATION AND DESIGN CONSIDERATIONS

- Wood cored rolls are suitable for flat roofing pitched roofing and vertical cladding and are detailed running with the fall except at ridges, hip intersections and high points in gutter linings.
- Wood rolls are the accepted joint where there is foot traffic on the roof area
- Where timber substrates are used minimum thickness is 18mm.
- Using codes 7 and 8 for flat and low pitched roofing in sheltered and moderate exposures the traditional splash lap can be omitted and terminated 5mm above the roof surface.



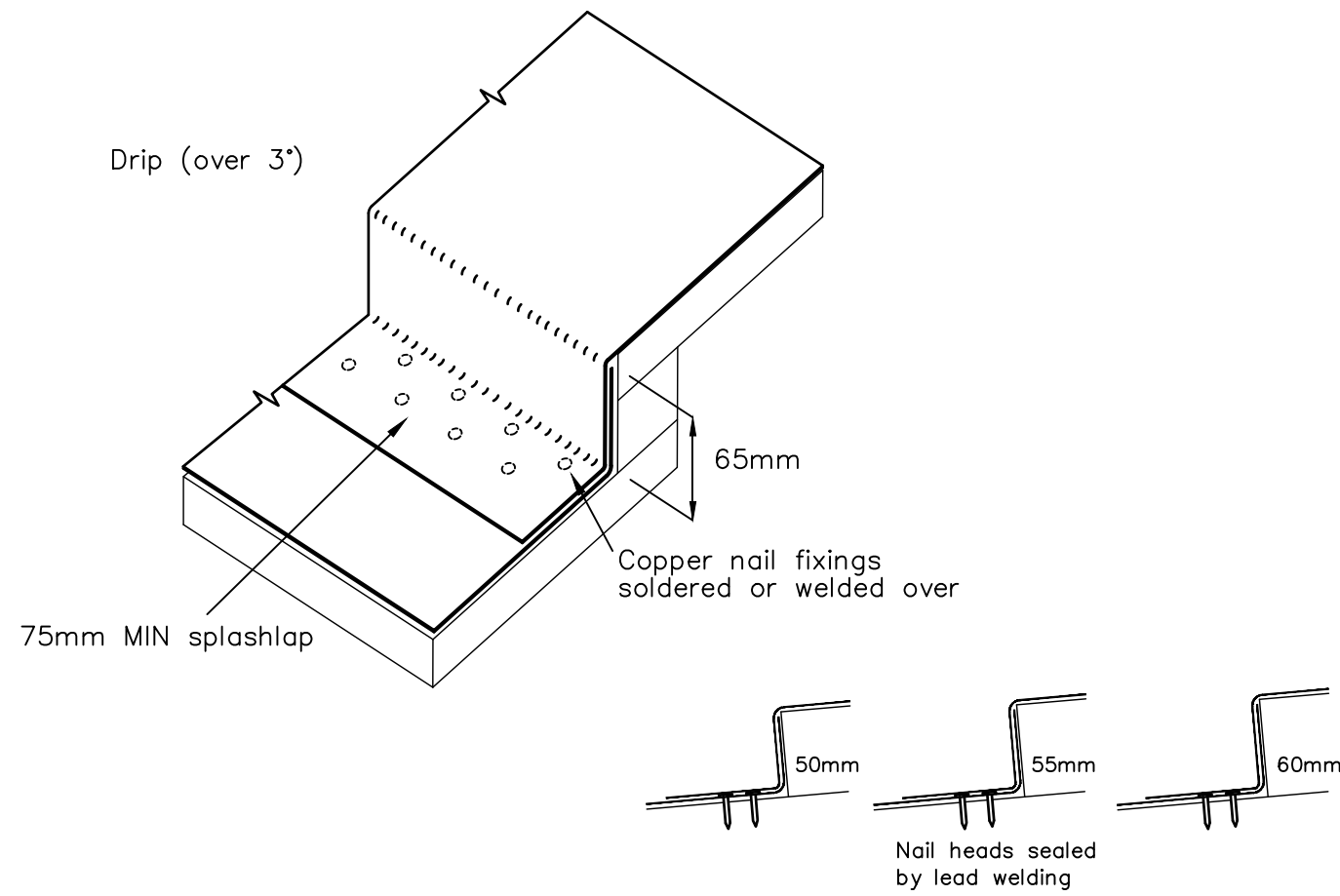
SPECIFICATION AND DESIGN CONSIDERATIONS

- Used across the fall on flat and low pitched roofs upto and including 10°
- Drip height minimum of 50mm for codes 4 to 6. Where roll to drip intersections occur, 55mm See table 4.
- Minimum drip height 60mm for codes 7 and 8.
- Sealed head fixings are required for drips over 3° to prevent slip problems at drip areas.

Standard Detail Sheet No. 11R
Title Drip between 3° and 10°

Table 3 Flat Roofs		
BSEN12588 Code No.	Max.spacing of joints with the fall mm	Max.spacing between drips mm
4	500	1500
5	600	2000
6	675	2250
7	675	2500
8	750	3000

Table 4 Drip heights for roll to drip intersections		
BSEN12588 Code No.	Minimum drip height mm	Maximum drip height mm
4	55	50
5	55	50
6	55	50
7	60	50
8	60	50

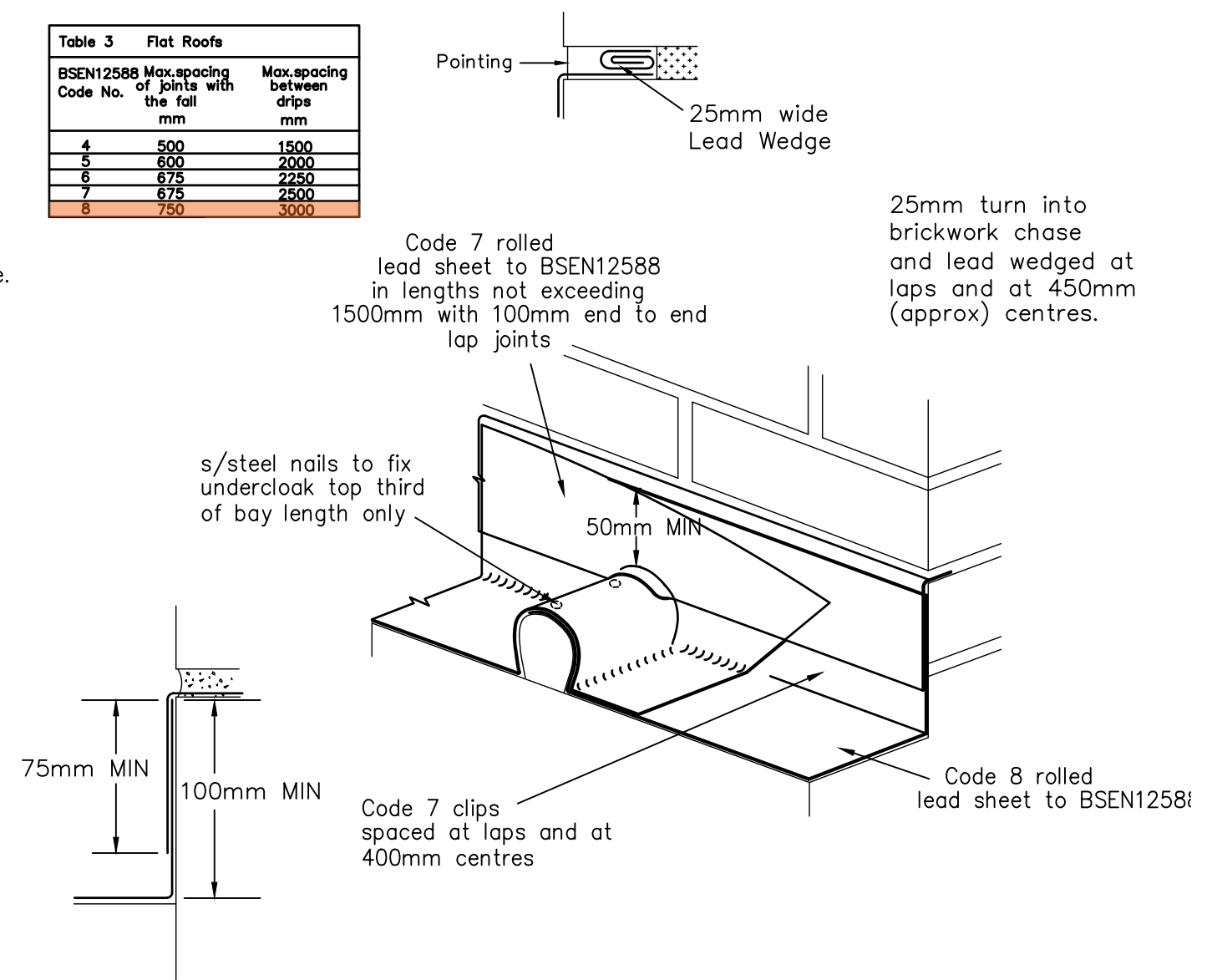


SPECIFICATION AND DESIGN CONSIDERATIONS

- Cover flashings in lengths not exceeding 1500mm..
- Free edge clipped to suit exposure, at between 300mm to 500mm centres. Lead is suitable for sheltered situations, copper or stainless steel for moderate to severe exposure.
- This detail will apply in conjunction with the Nicholson AB1 Airtrak abutment ventilator

Standard Detail Sheet No. 14R
Title Cover Flashing at Roll to Abutment up to 3°

Table 3 Flat Roofs		
BSEN12588 Code No.	Max.spacing of joints with the fall mm	Max.spacing between drips mm
4	500	1500
5	600	2000
6	675	2250
7	675	2500
8	750	3000



1 512 Wood Cored Rolls

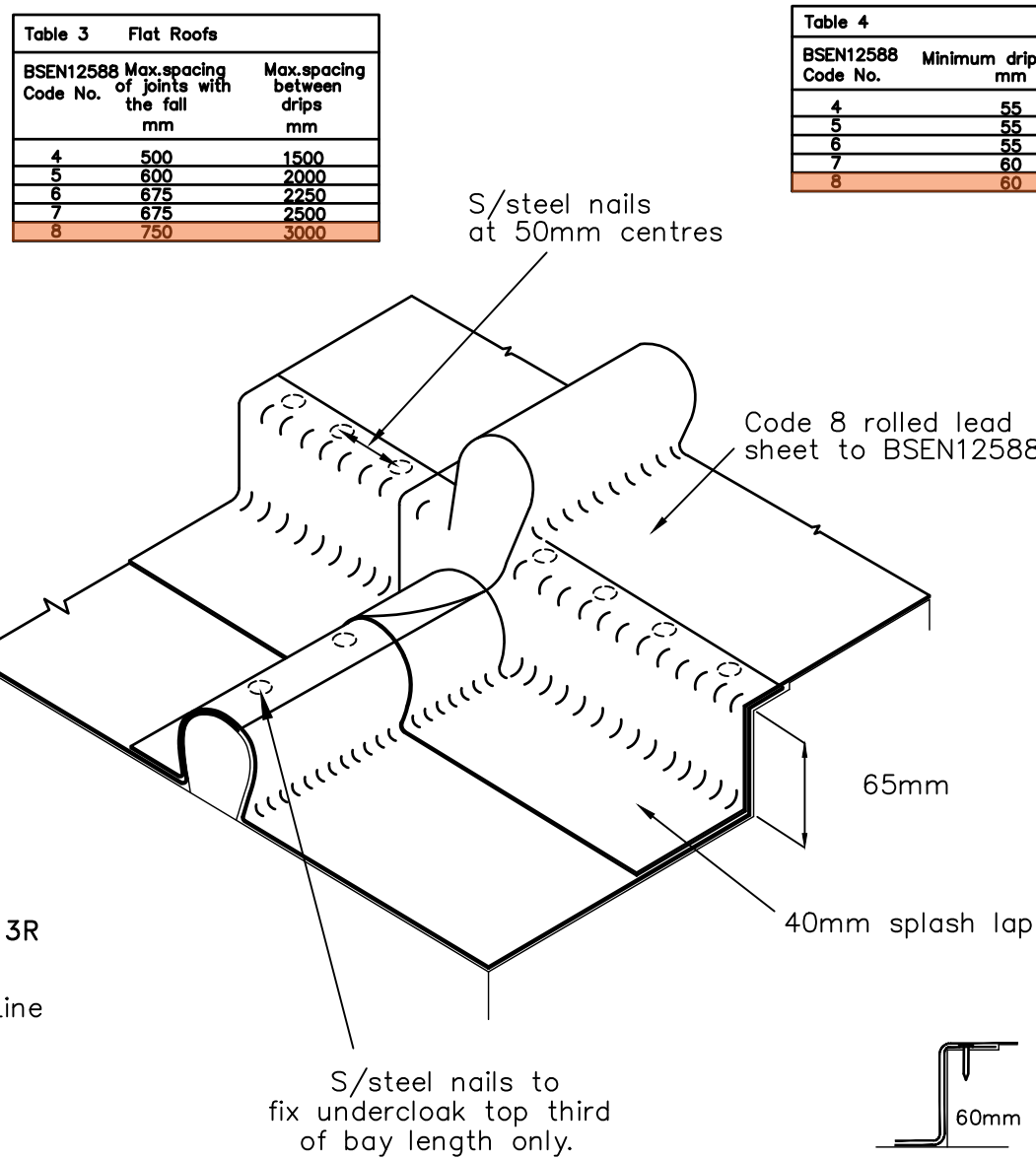
2 512 Drip Detail 3° to 10°

3 512 Cover Flashing Roll Abutment up to 3°

SPECIFICATION AND DESIGN CONSIDERATIONS

- Finished height of roll on the lower level should be not less than 5mm below the top edge of the drip on the upper level.
- This detail is suitable for roof pitches between 1 in 80 and 3°.
- Minimum fall recommended is 1 in 80. Consider designing at min 1 in 60 to accommodate variations on site.

Standard Detail Sheet No. 13R
Title Roll upto drip Intersection Rolls in Line



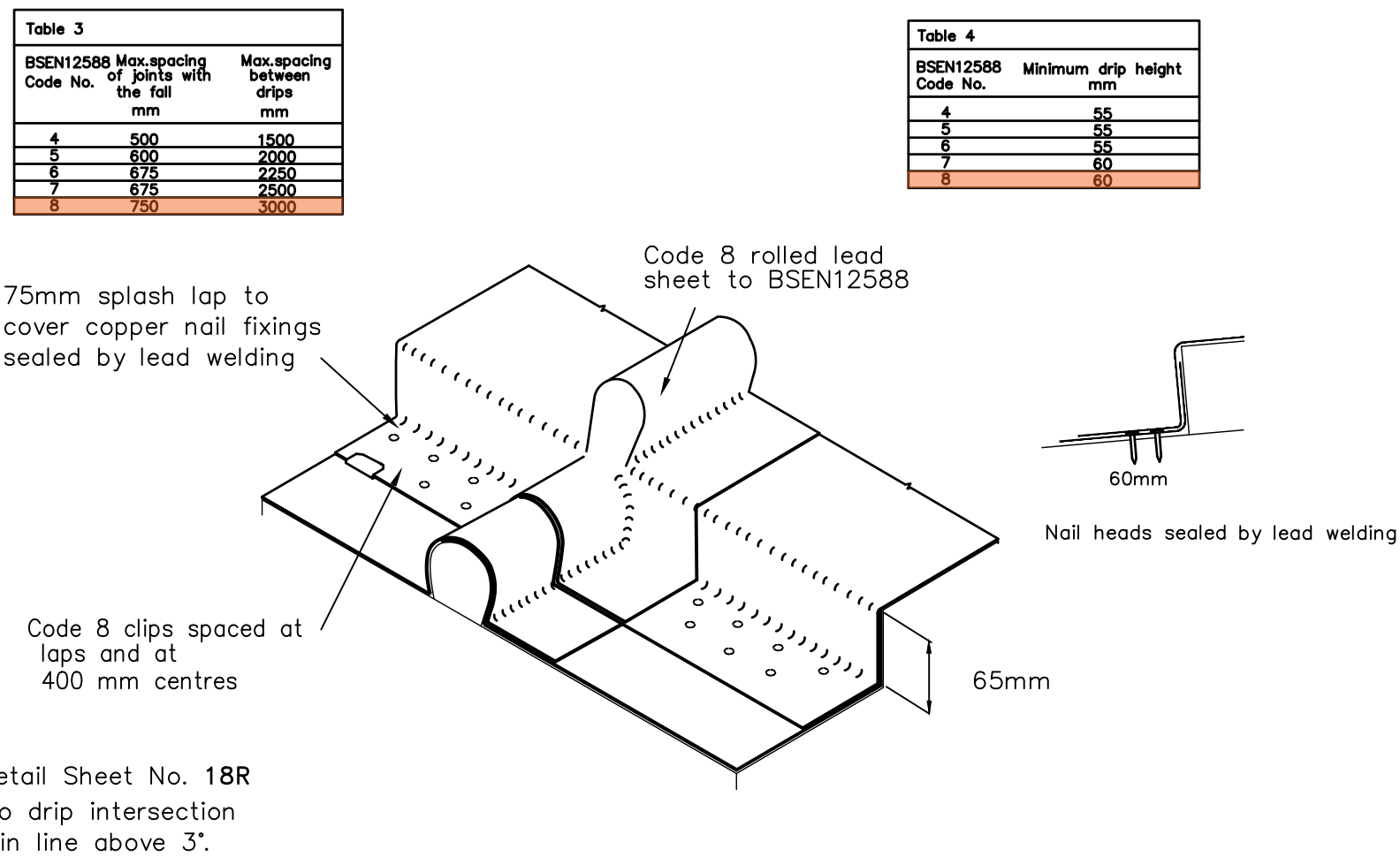
4 512 Roll Drip Detail

SPECIFICATION AND DESIGN CONSIDERATIONS

Roofing bays code of lead sheet to specify will depend on design life of building exposure, to wind and anticipated foot traffic.

Finished height of roll on the lower level should be not less than 5mm below the top edge of the drip on the upper level.

Lead clips – Clips should not be less than 50mm wide and of a thickness not less than that of the lead sheet used for the leadwork.

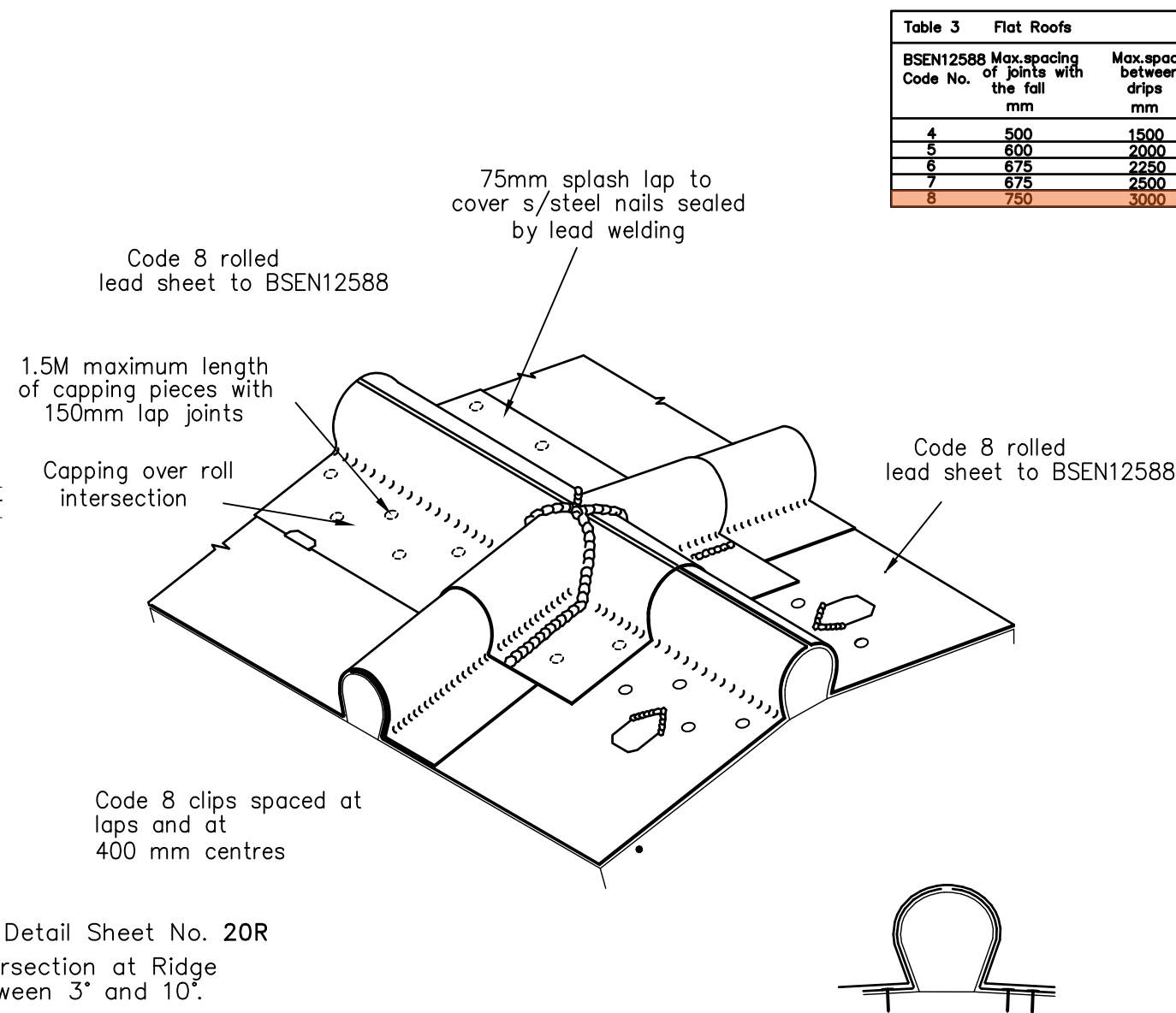


Standard Detail Sheet No. 18R
Title Roll to drip intersection Rolls in line above 3°.

5 512 Drip Roll Detail 3° to 10°

SPECIFICATION AND DESIGN CONSIDERATIONS

- Roofing bays code of lead sheet to specify will depend on design life of building exposure to wind and anticipated foot traffic.
- Separate cappings should be not less than the thickness of the roof covering.
- Lead clips – Clips should not be less than 50mm wide and of a thickness not less than that of the lead sheet used for the leadwork.
- The new ridge will be ventilated with the with the Nicholson BRV1 Airtrak ridge ventilator



Standard Detail Sheet No. 20R
Title Intersection at Ridge between 3° and 10°.

6 512 Ridge Detail 3° to 10° (unventilated)

NOTES

- No dimensions are to be scaled from this drawing except for planning purposes.
- Contractors must verify all figured dimensions on site before commencing any work or making any stop drawings.
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Rev	Description	By	Date
Drawing Status			
PROPOSED			
			
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Project Arundel Town Hall Arundel			
Drawing Title LSA ROOF DETAILS SHEET 3			
Scale 1:50 @ A1	Date 05/06/20	Drawn MF	Checked DS
Drawing Number 512	Rev.	Project Number 455947	