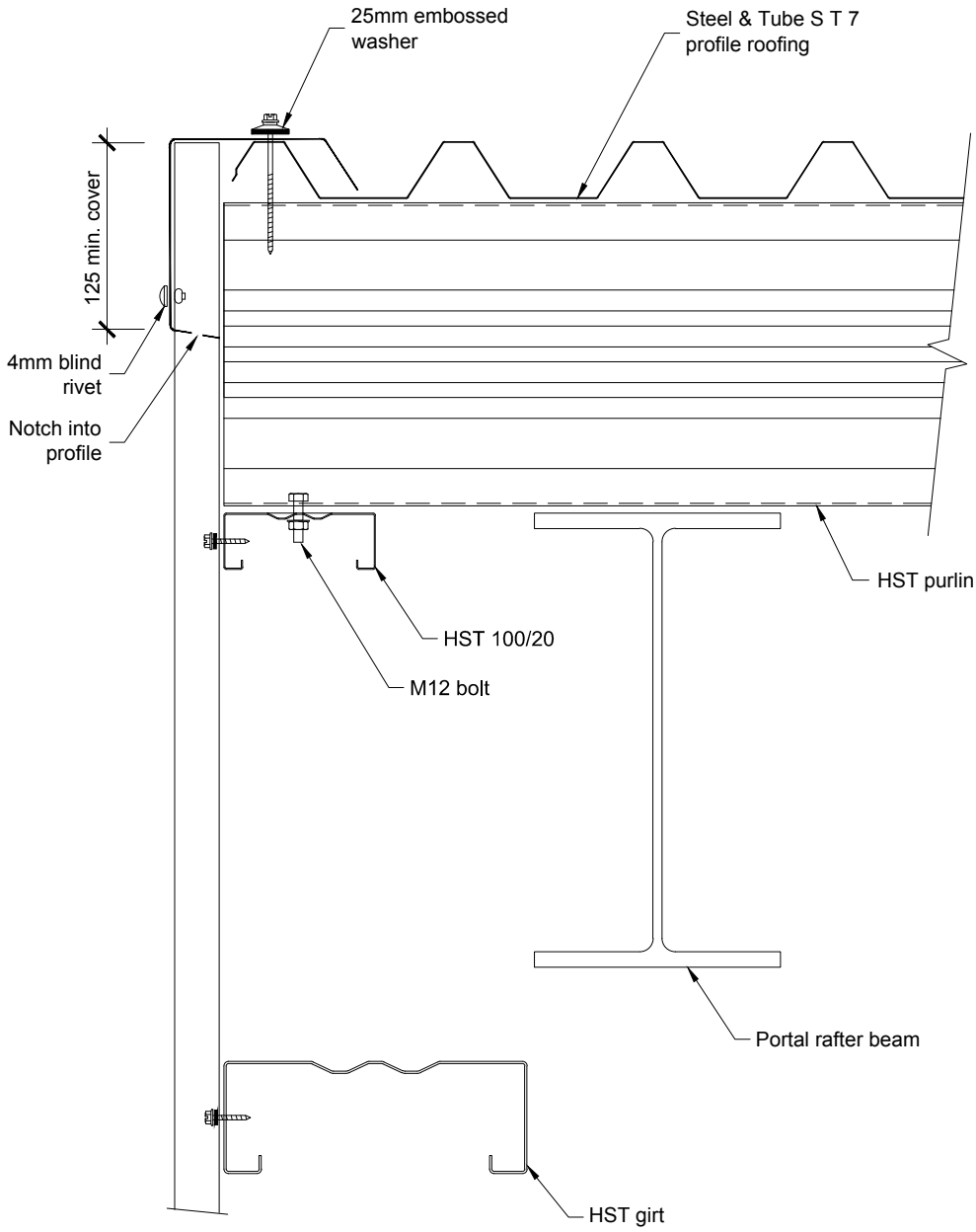
steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-barg_flash

Barge Flashing
Cross Section

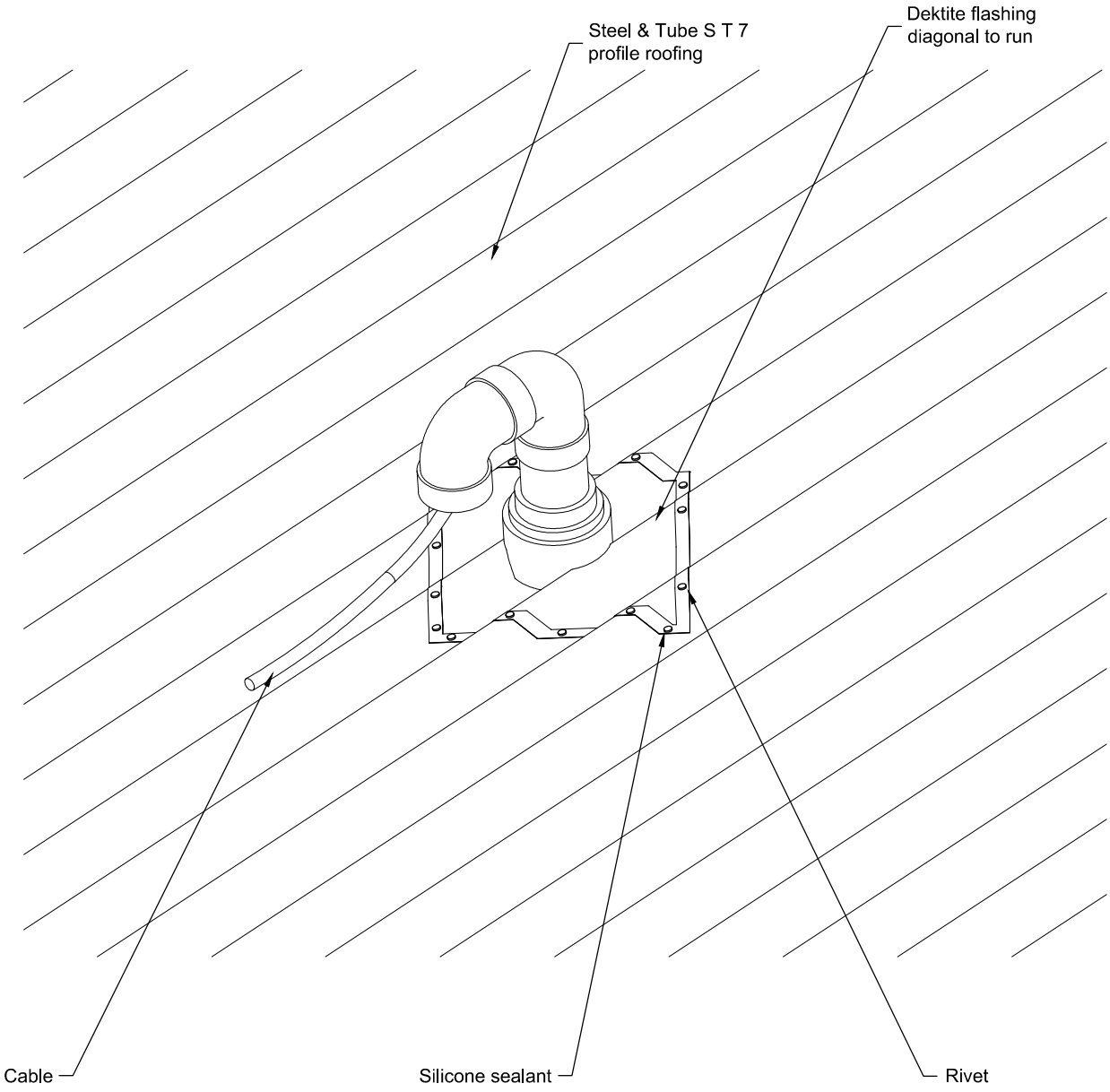
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB18

steel&tube

Roofing
Commercial Detail
S T 7



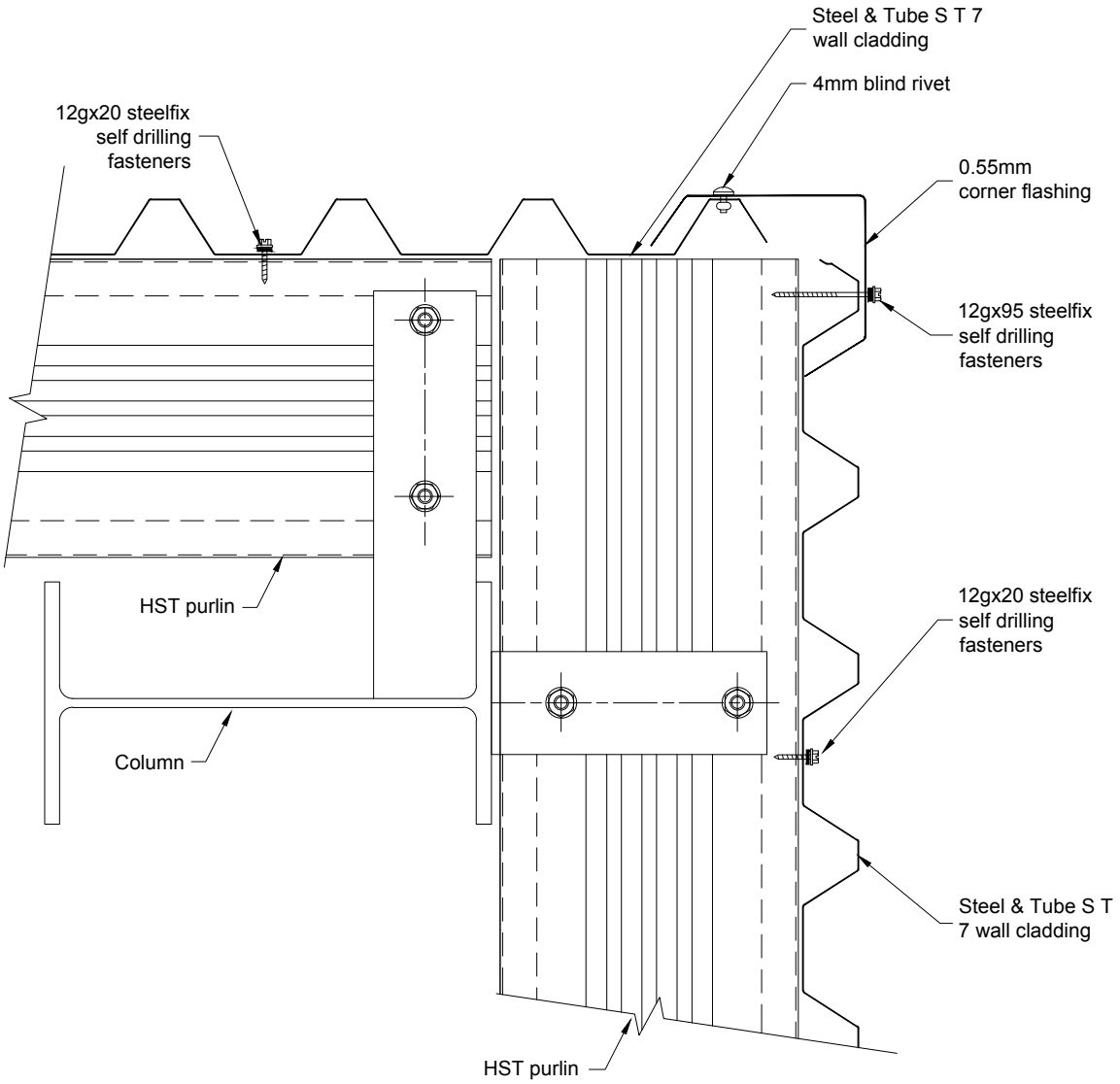
comm_st7-cabl_entry

Cable Entry

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



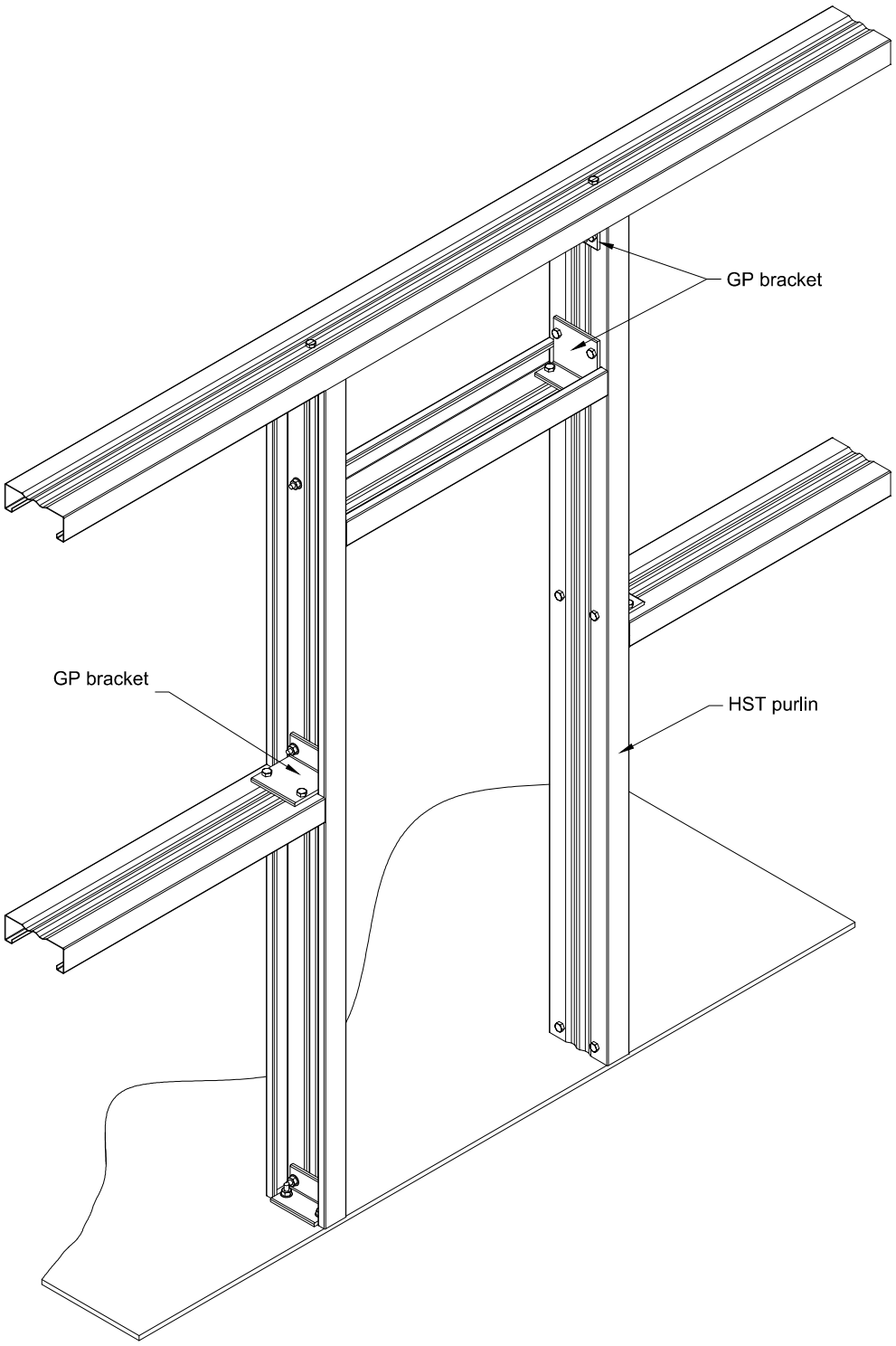
comm_st7-corn_external

Wall Cladding-corner Flashing
Plan View

All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-door_open_iso

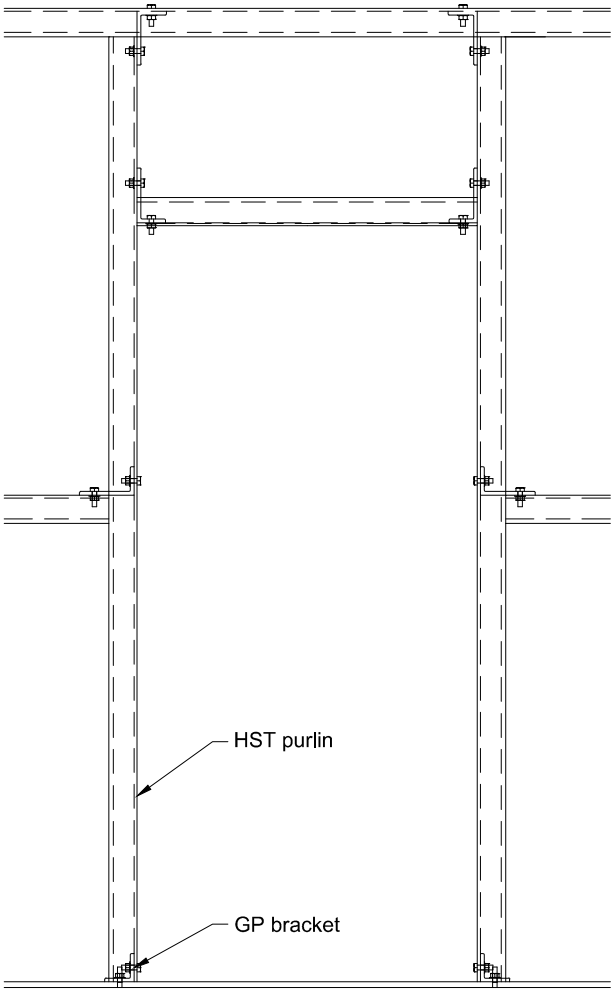
Wall Cladding - Door Opening

Isometric View

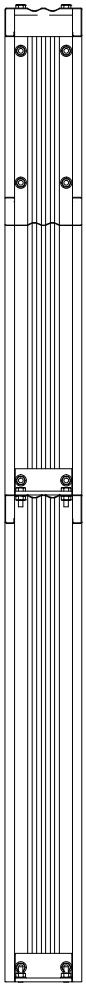
All dimensions in millimetres
Scale 1:5
16/01/12

Roofing
Commercial Detail
S T 7

ELEVATION



SIDE VIEW



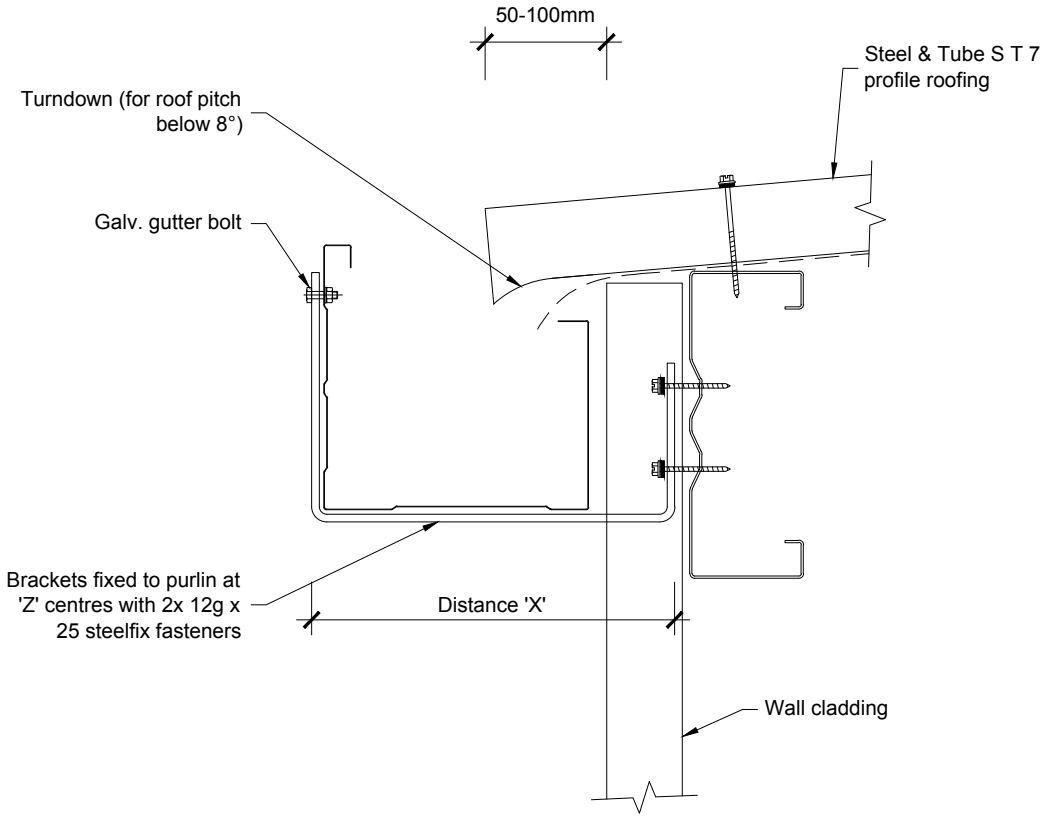
comm_st7-door_open_ortho

Wall Cladding - Door Opening

All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



Roof Area Drained	Downpipe Size	Gutter Size	Cladding Depth	Dimension "X"	Bracket Size	"Z" Centres
150	Ø100 or 100x75	ST175	Flat	180	30x5	900
			Low (28mm)	210	30x5	
250	Ø150 or 125x100		Medium (38mm)	220	30x5	
			High (55mm)	235	30x5	
350	Ø150 or 150x100	ST300	Flat	305	40x5	600
			Low (28mm)	335	40x5	
400	Ø200 or 200x100		Medium (38mm)	345	40x5	
			High (55mm)	360	40x5	

comm_st7-gutter

Gutter Detail
Cross Section

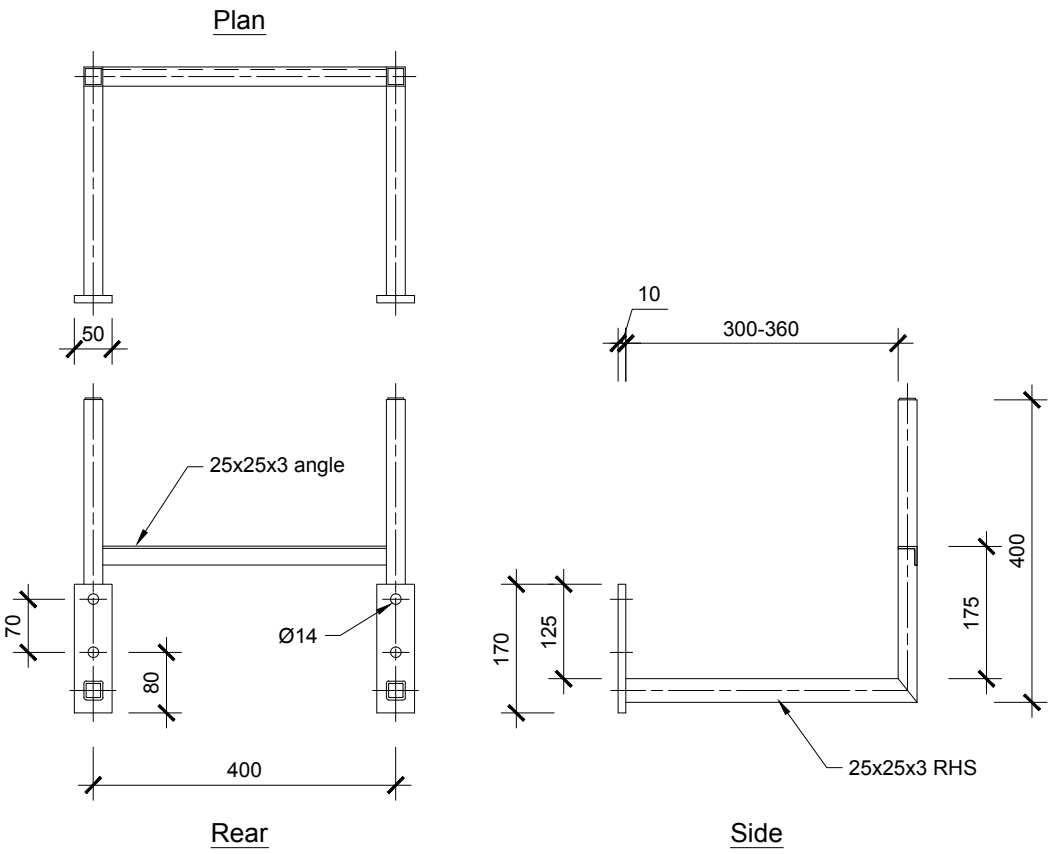
All dimensions in millimetres
Scale 1:5
16/01/12

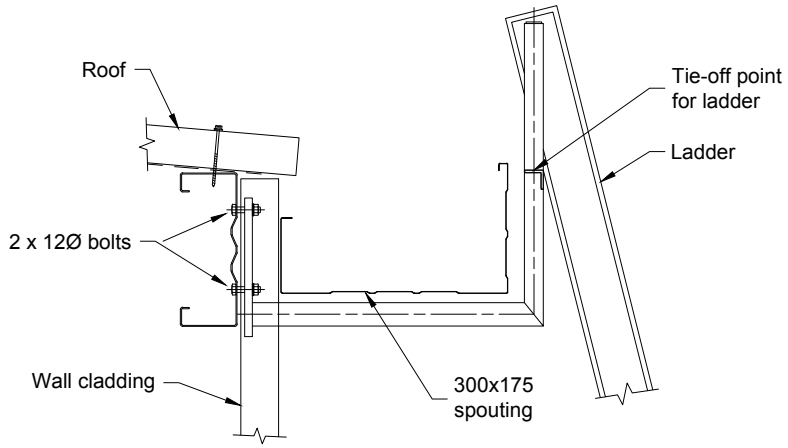
www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB05

steel&tube

Roofing
Commercial Detail
S T 7





comm_st7-gutt_ladder_bracket

Ladder Gutter Bracket (position At Point Of Access To Roof)

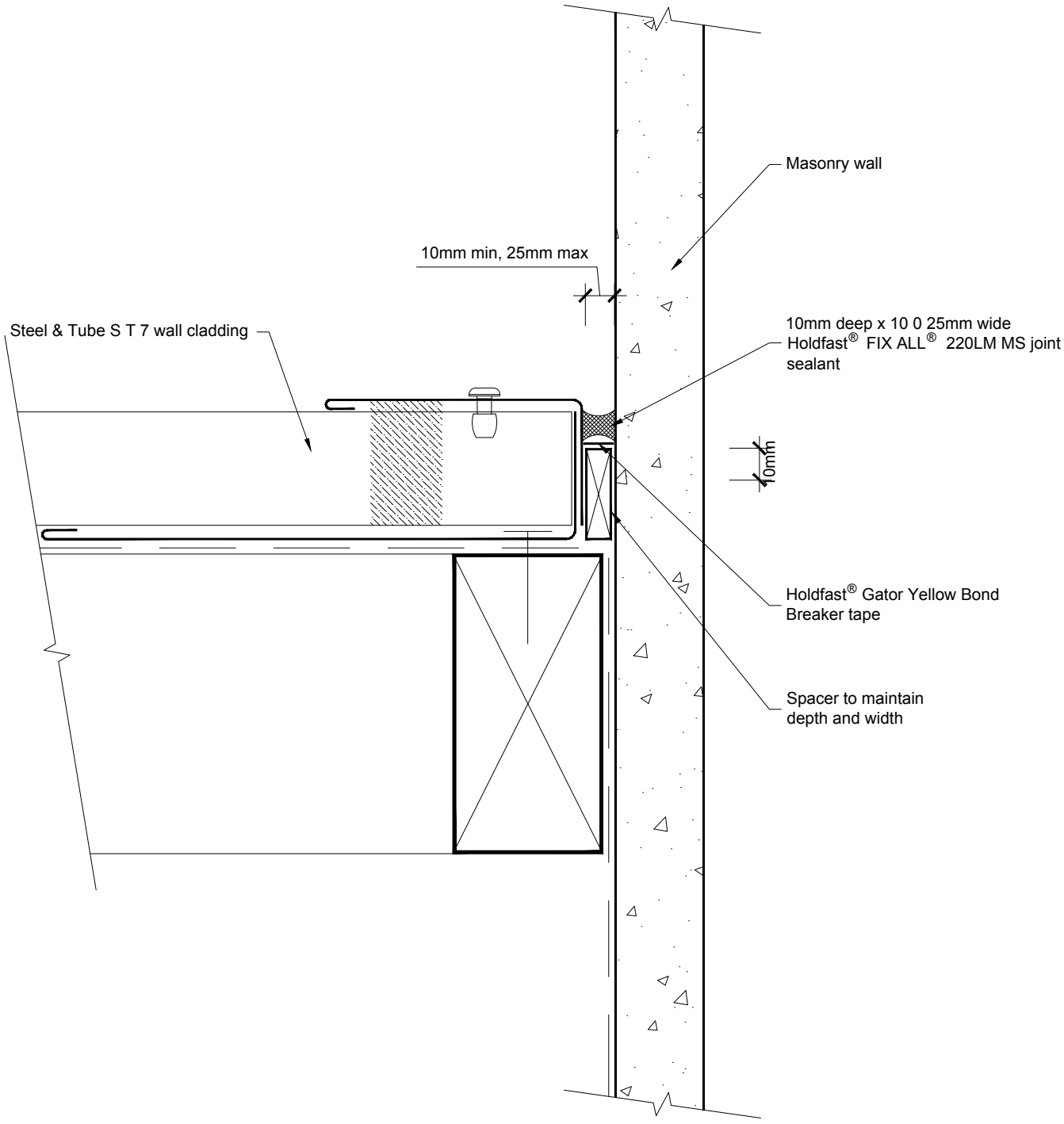
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB07

steel&tube

Roofing
Commercial Detail
S T 7



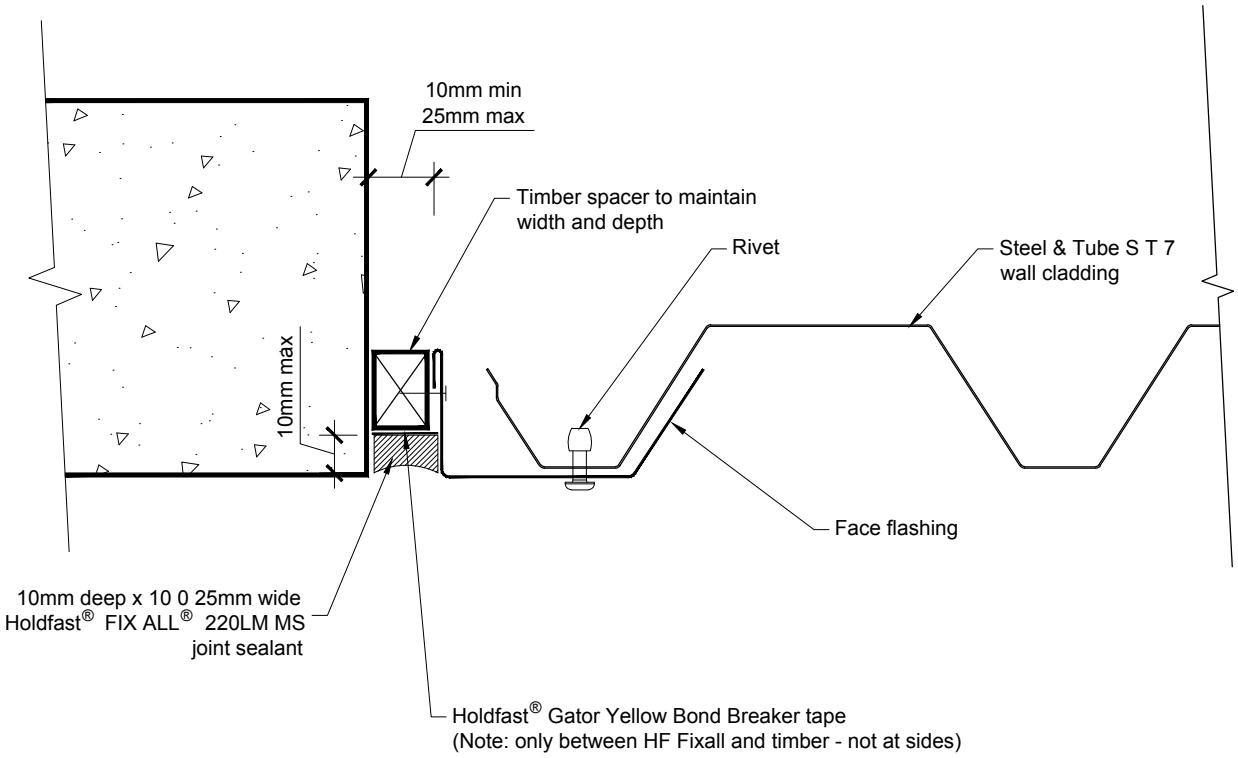
comm_st7-jctn_hori-clad_wall

Junction Between Horizontal Metal Cladding and Masonry Wall

All dimensions in millimetres
Scale 1:2
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LC01



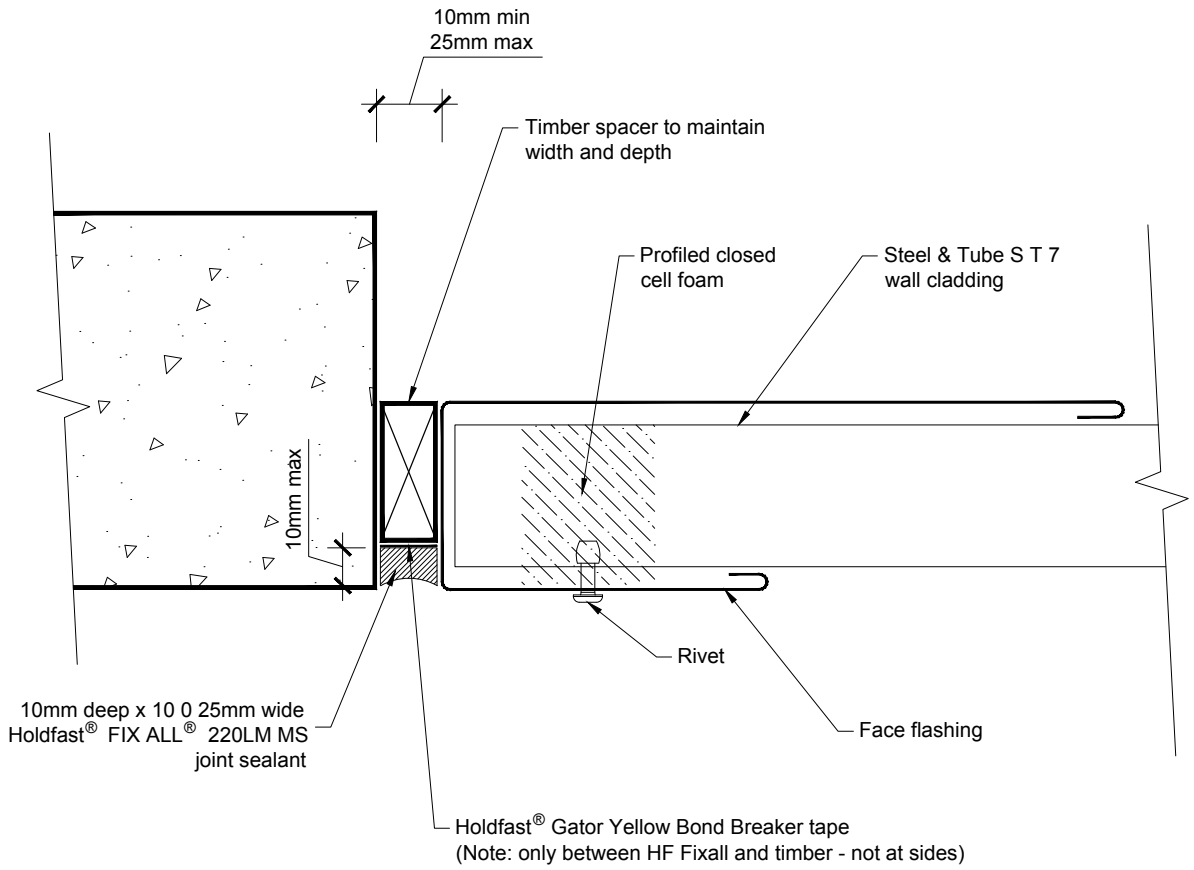
Exterior

comm_st7-jctn_tilt_wall_2

Tilt Panel / Wall Junction

Vertical Cladding Cross Section

All dimensions in millimetres
Scale 1:2
16/01/12



Exterior

comm_st7-jctn_tilt_wall-hori

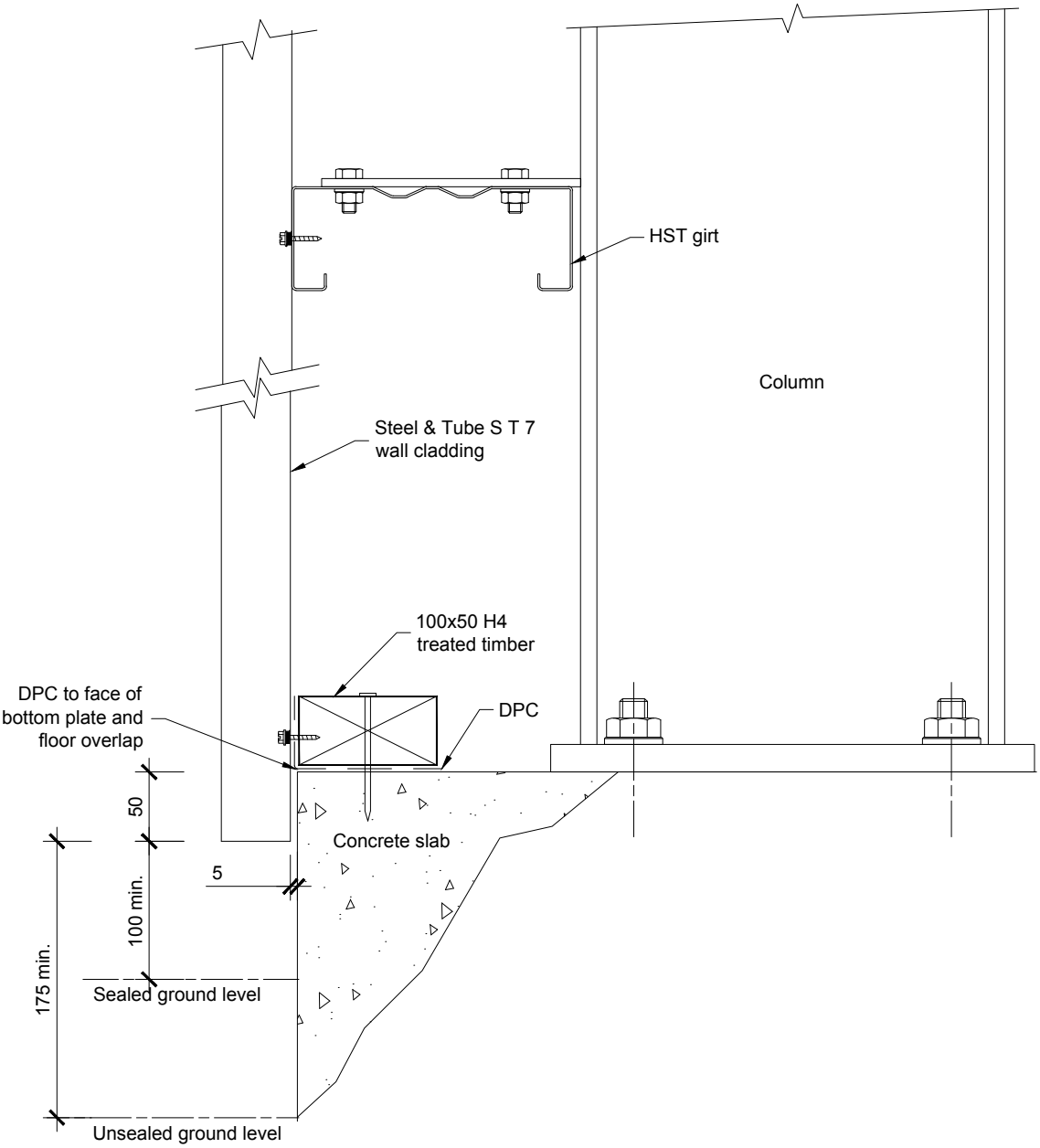
Tilt Panel / Wall Junction

Horizontal Cladding Cross Section

All dimensions in millimetres
Scale 1:2
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



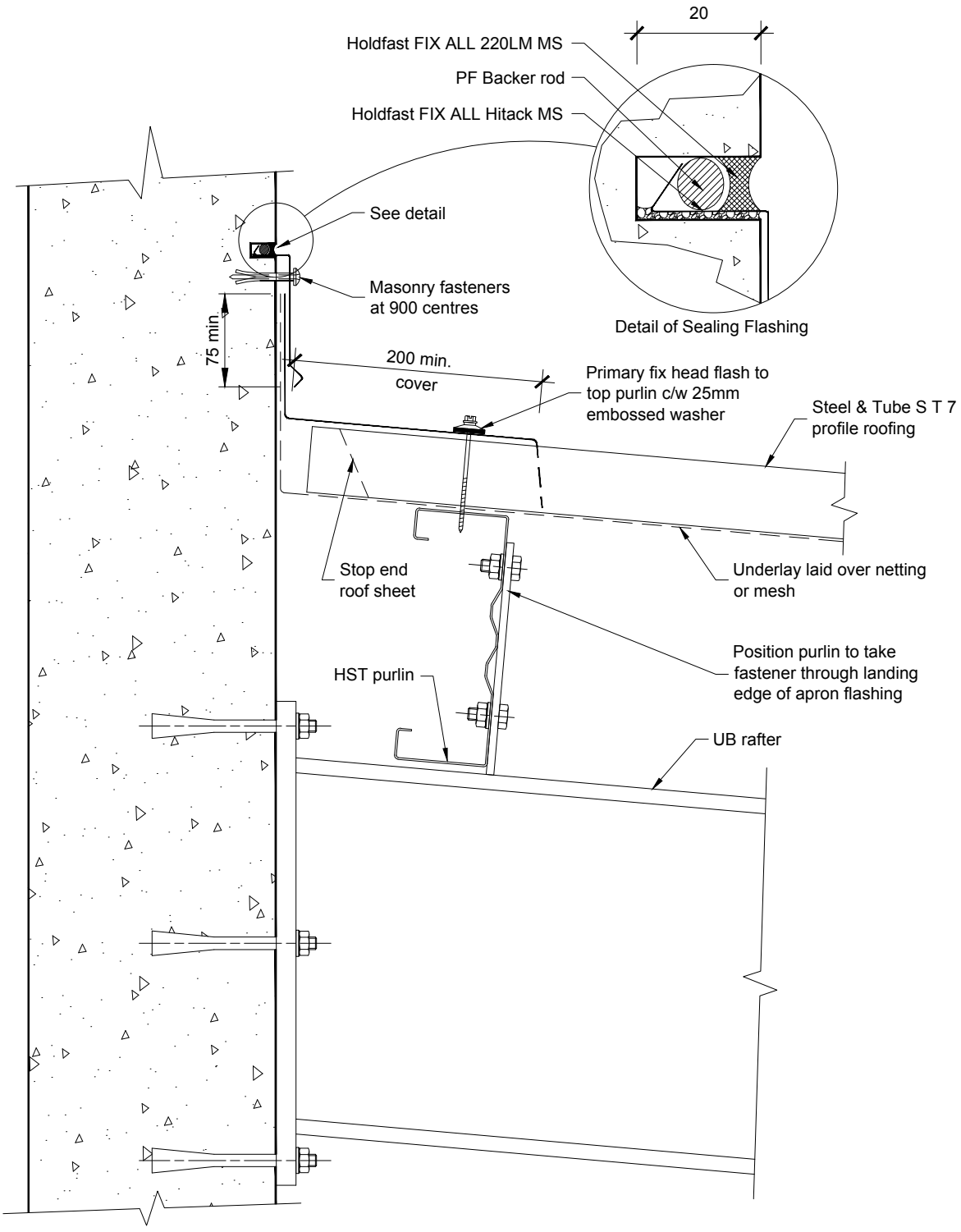
comm_st7-jctn_wall_floor

Wall Cladding - Floor Junction
Cross Section

All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-para_chased_head_flash

Chased Parapet Head Flashing
Cross Section

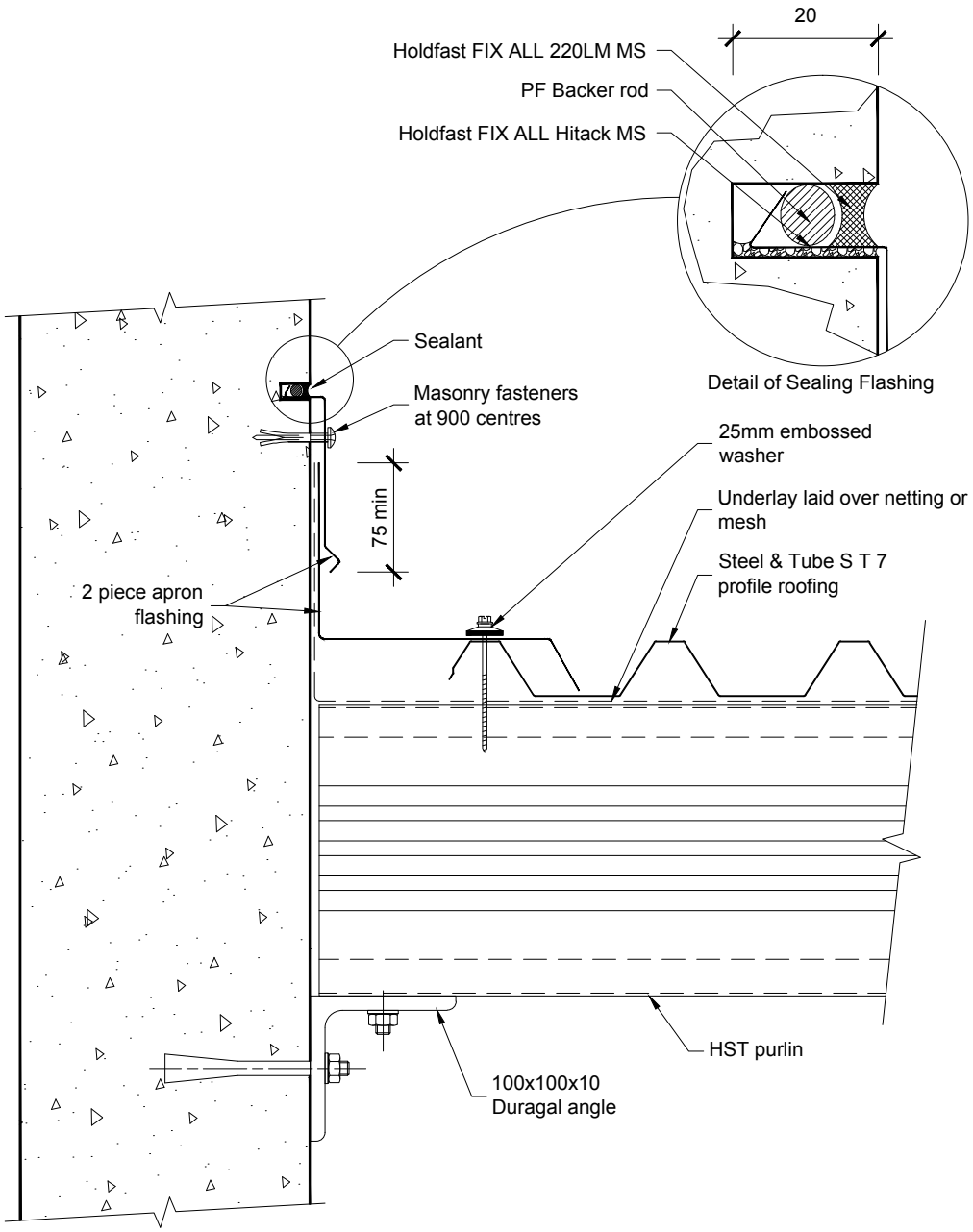
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB02

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-para_chased_side

Chased Parapet Side Flashing
Cross Section

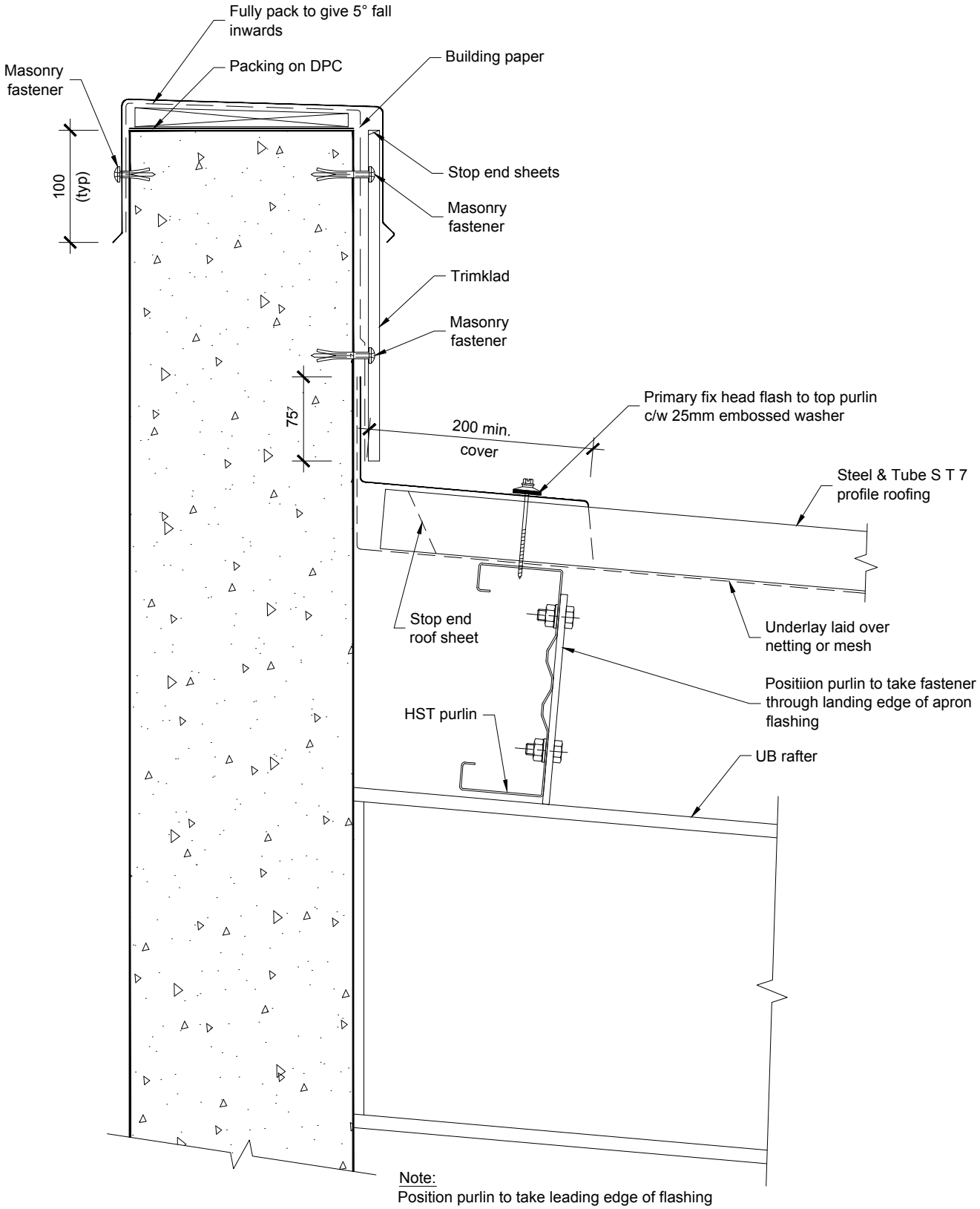
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB03

steel&tube

Roofing
Commercial Detail
S T 7



Note:
Position purlin to take leading edge of flashing

comm_st7-para_lined_head_flash

Lined Parapet Head Flashing
Cross Section

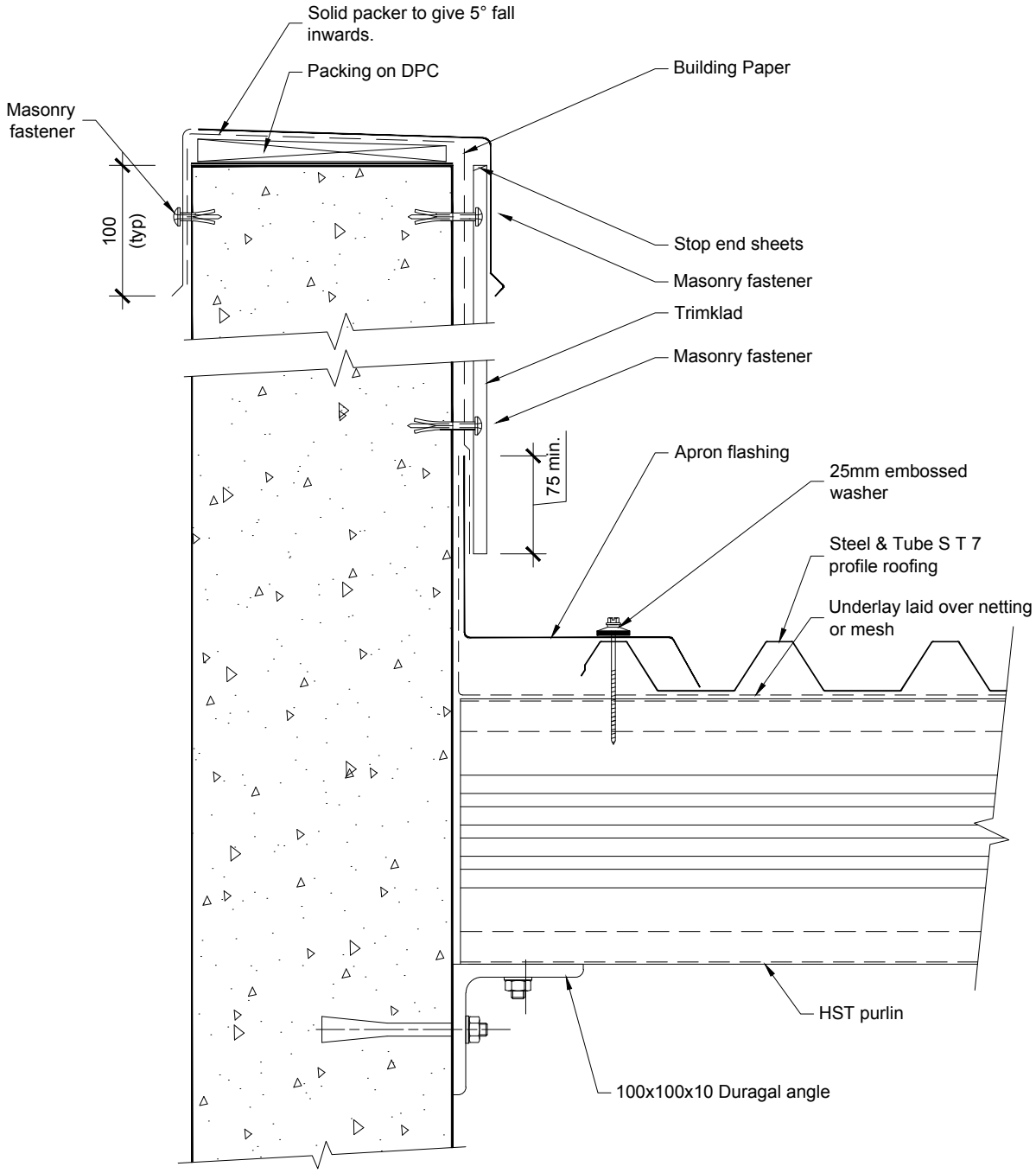
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB08

steel&tube

Roofing
Commercial Detail
S T 7



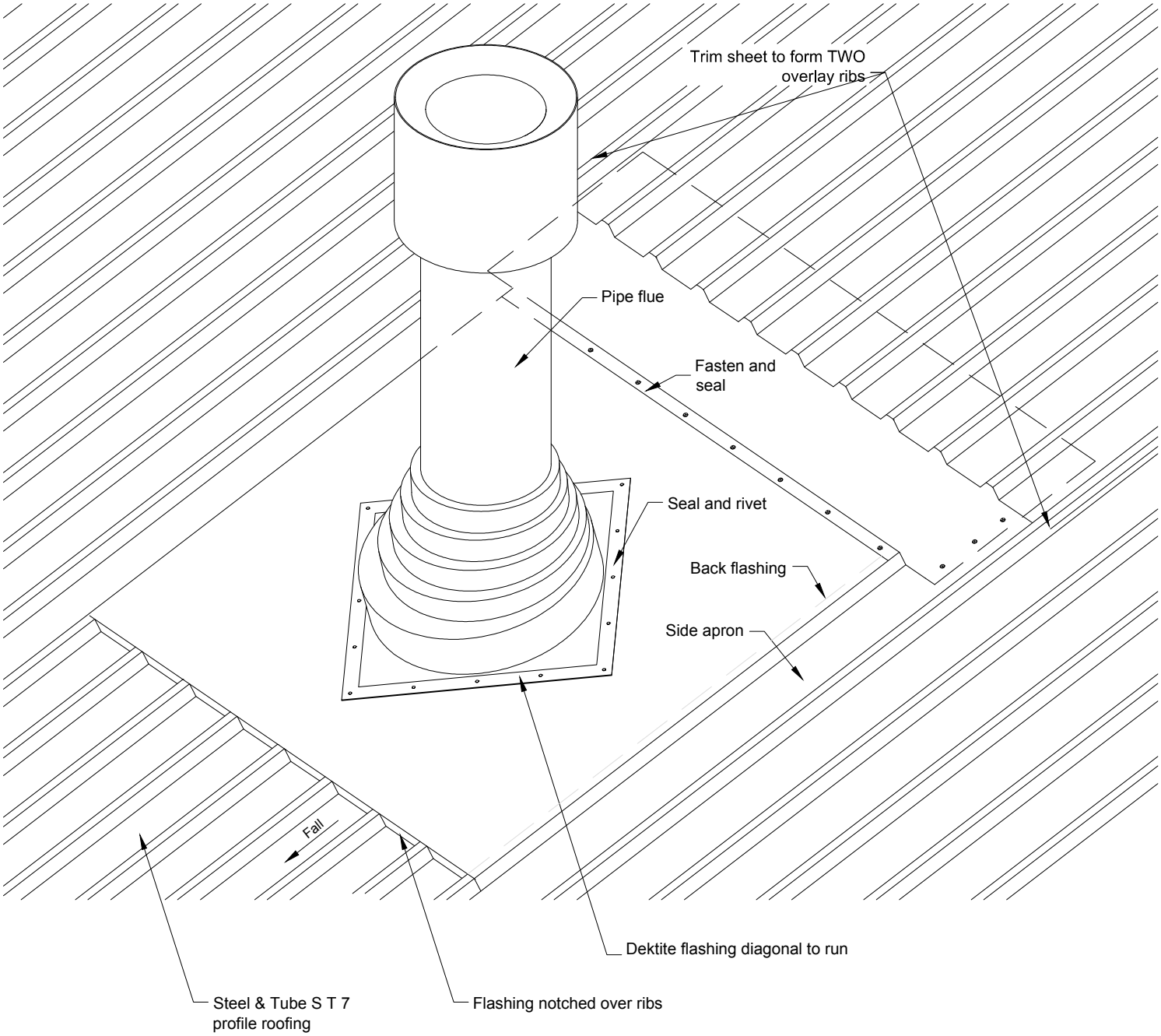
comm_st7-para_lined_side_flash

Lined Parapet Side Flashing
Cross Section

All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



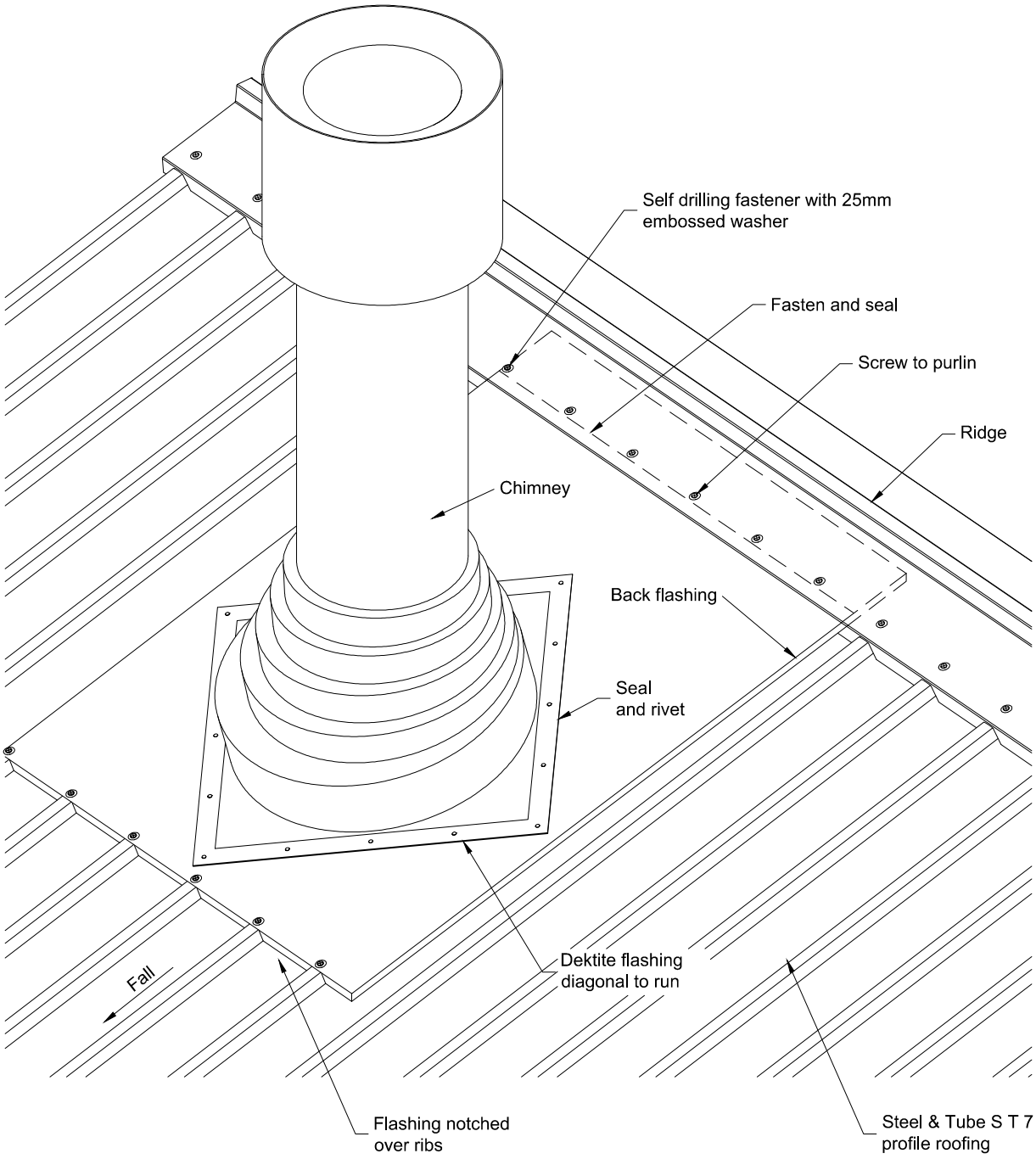
comm_st7-pene_round_mid

Penetration Flashing - Round Flue

All dimensions in millimetres
Scale 1:12
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-pene_round_ridge

Penetration Flashing - Round Flue

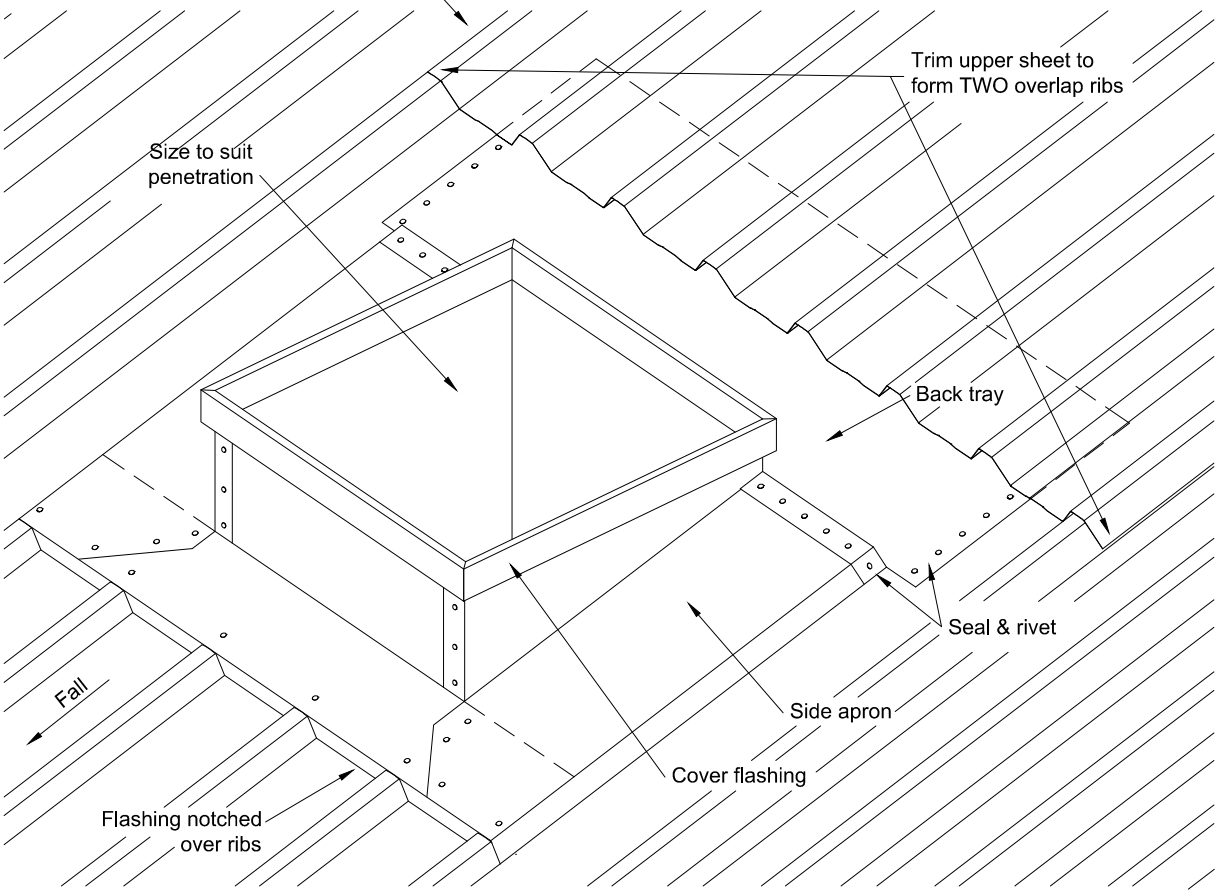
All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7

Laying Sequence:

1. Notched apron,
2. Side flashing,
3. Back flashing,
4. Cover flashing,
5. Chase cut flashing over all upstands.



Note:

Use back flashing to ridge where possible.

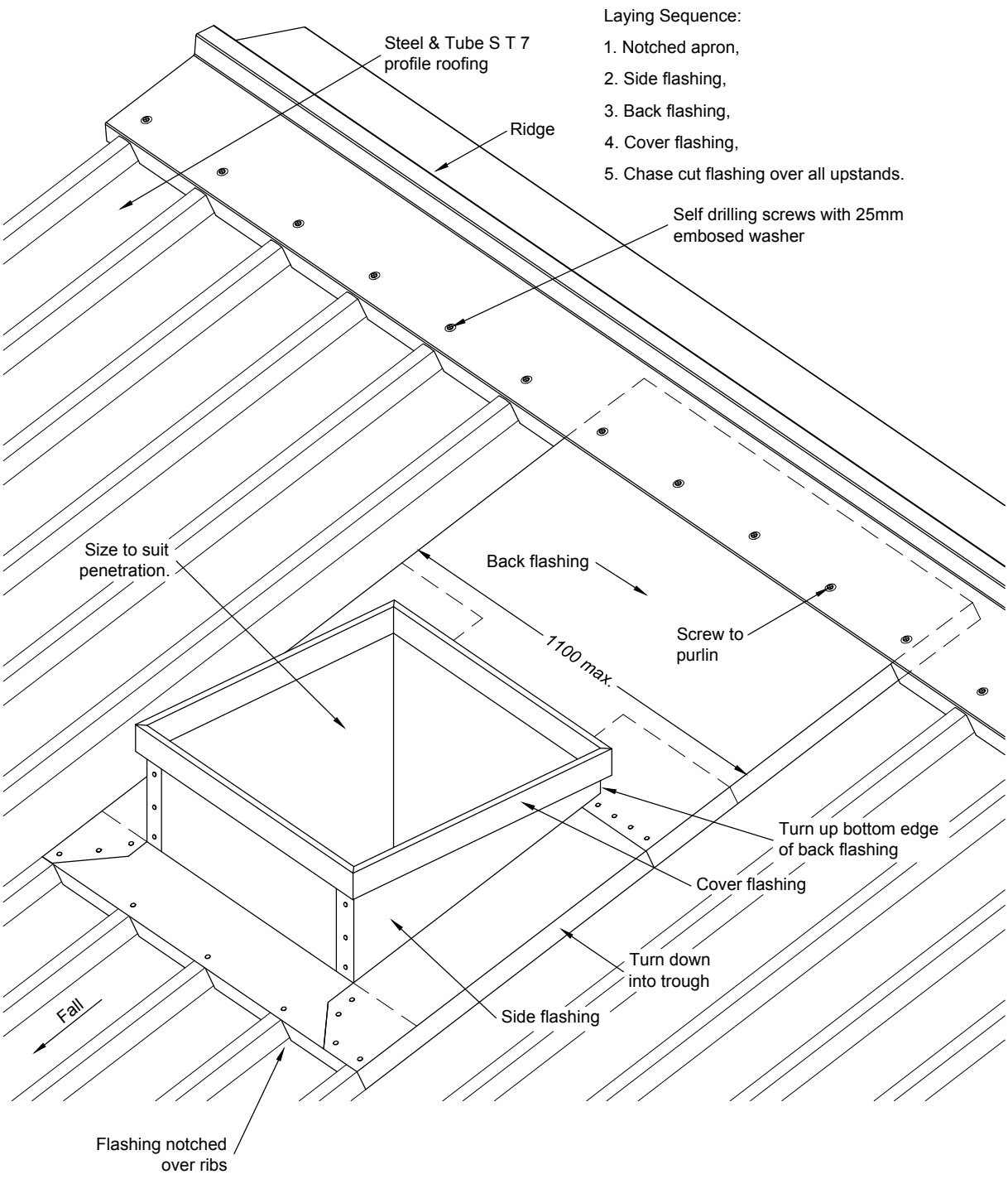
comm_st7-pene_square_mid

Penetration Flashing

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



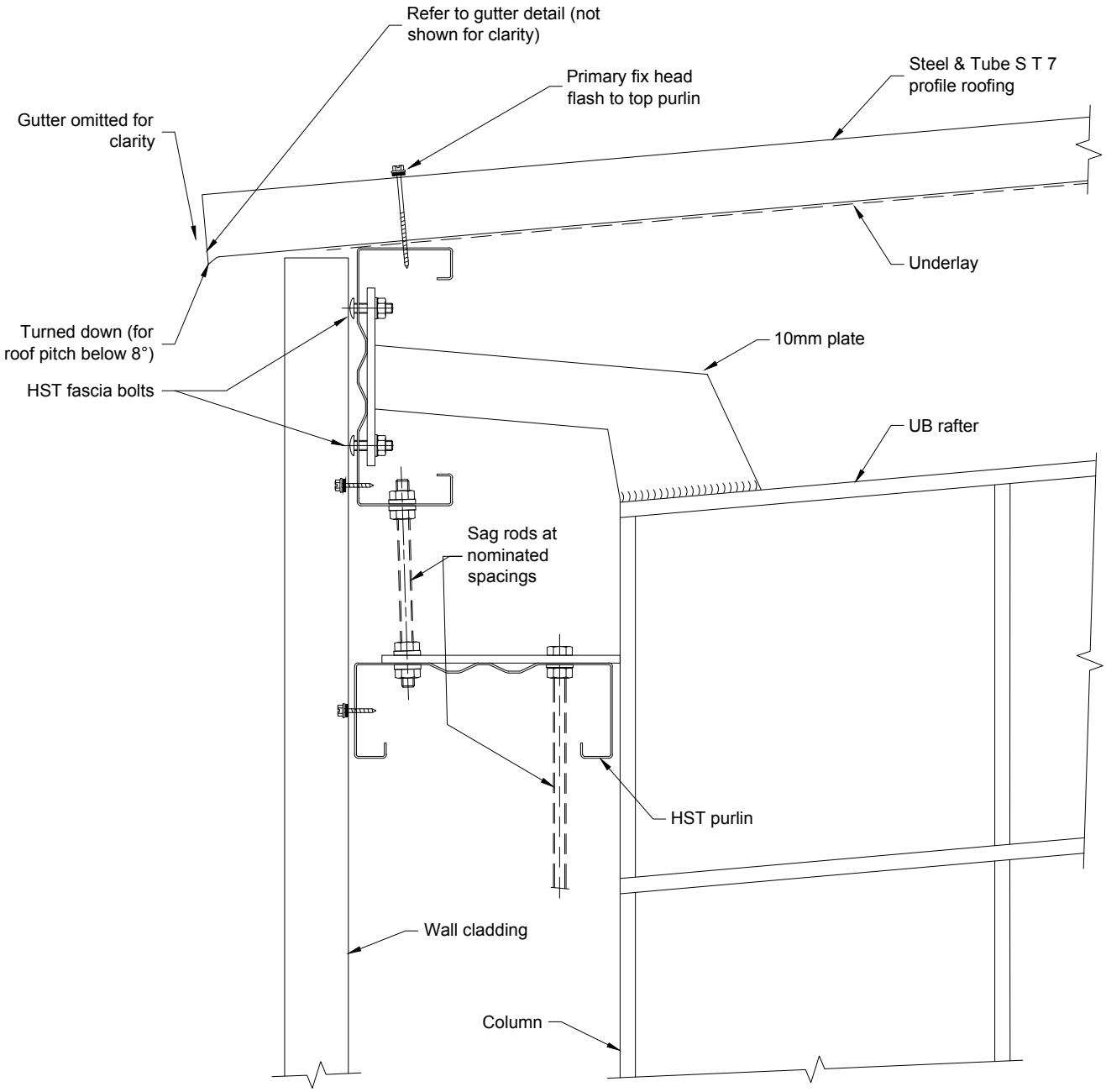
comm_st7-pene_square_ridge

Penetration Flashing - Back Flashed

All dimensions in millimetres
Scale 1:10
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-port_eaves

Eaves Detail Girt Outside Portal Leg, Offset Cleat
Cross Section

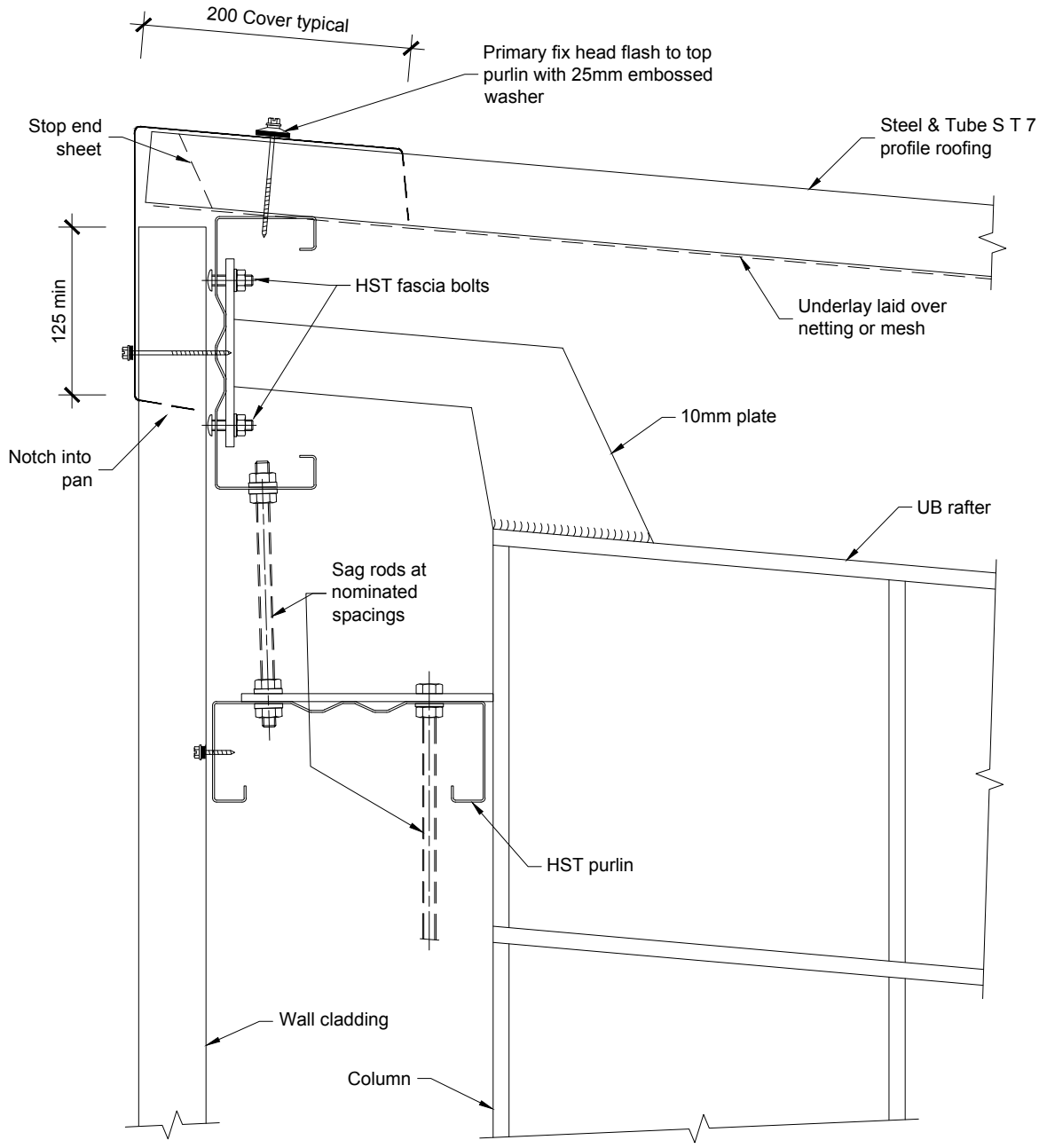
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB22

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-port_head_flash_cleat

Head Flash Girt Outside Portal Leg, Offset Cleat
Cross Section

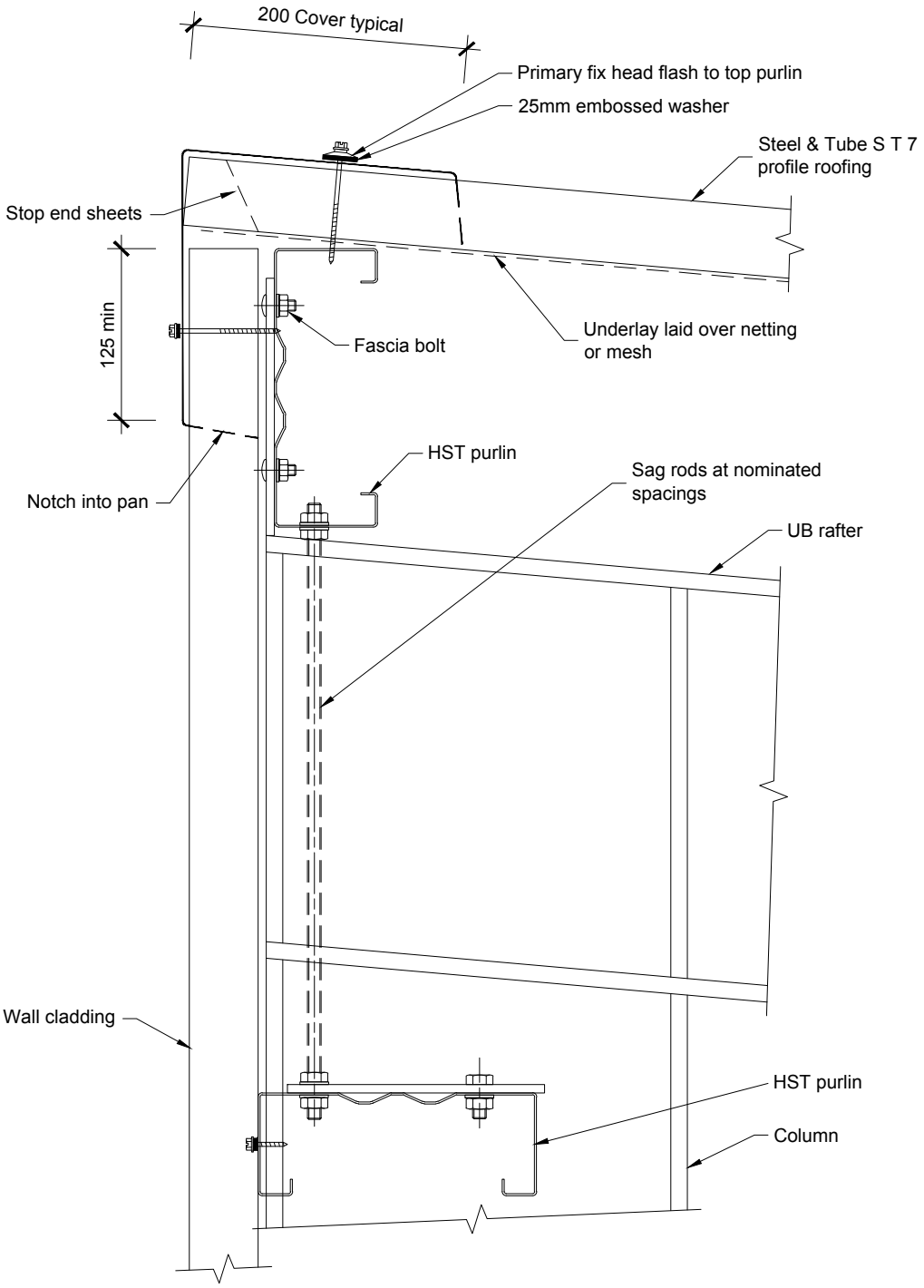
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB20

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-port_head_flash_girt

Head Flash Girts In Between Columns
Cross Section

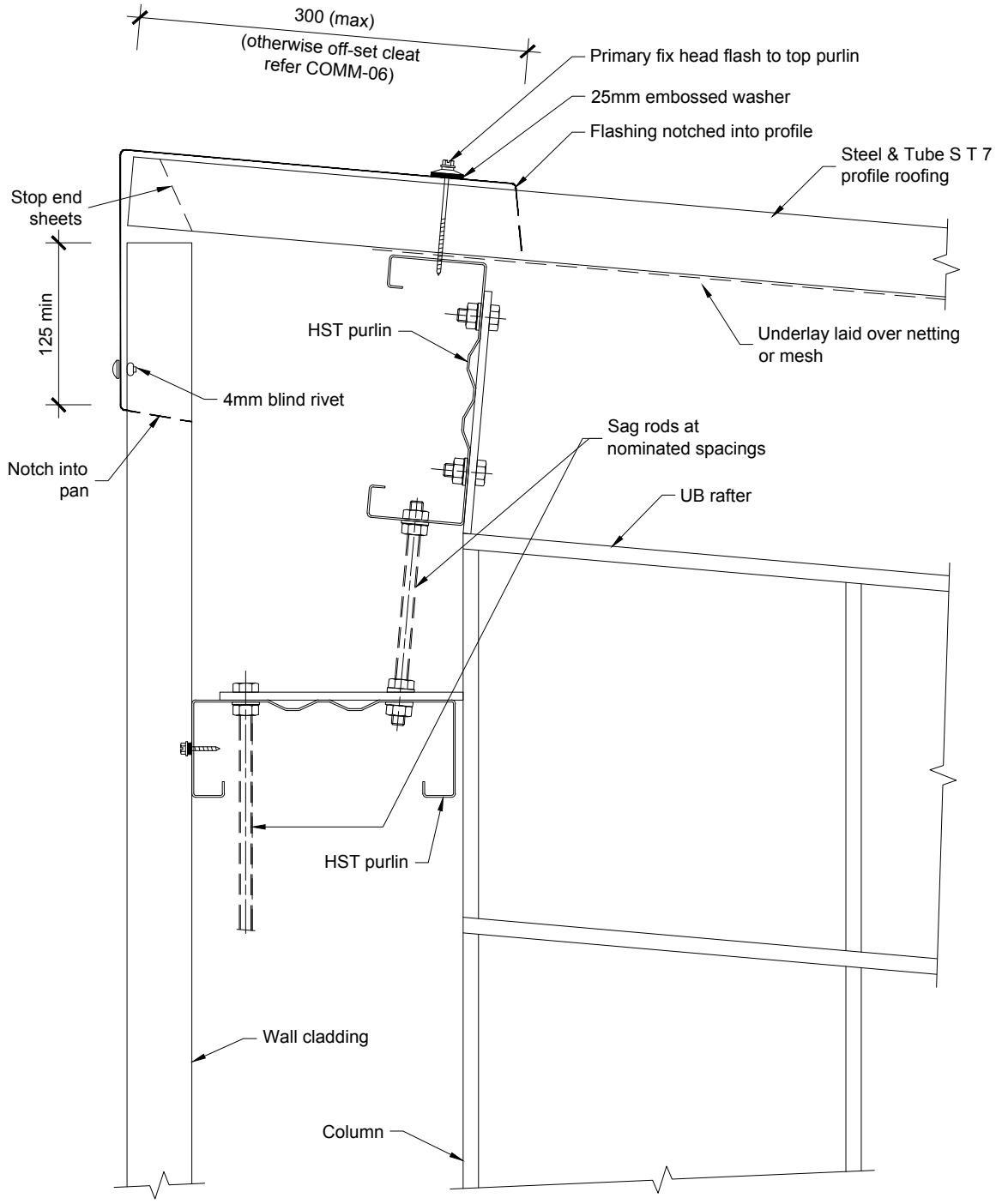
All dimensions in millimetres
Scale 1:5
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB19

steel&tube

Roofing
Commercial Detail
S T 7



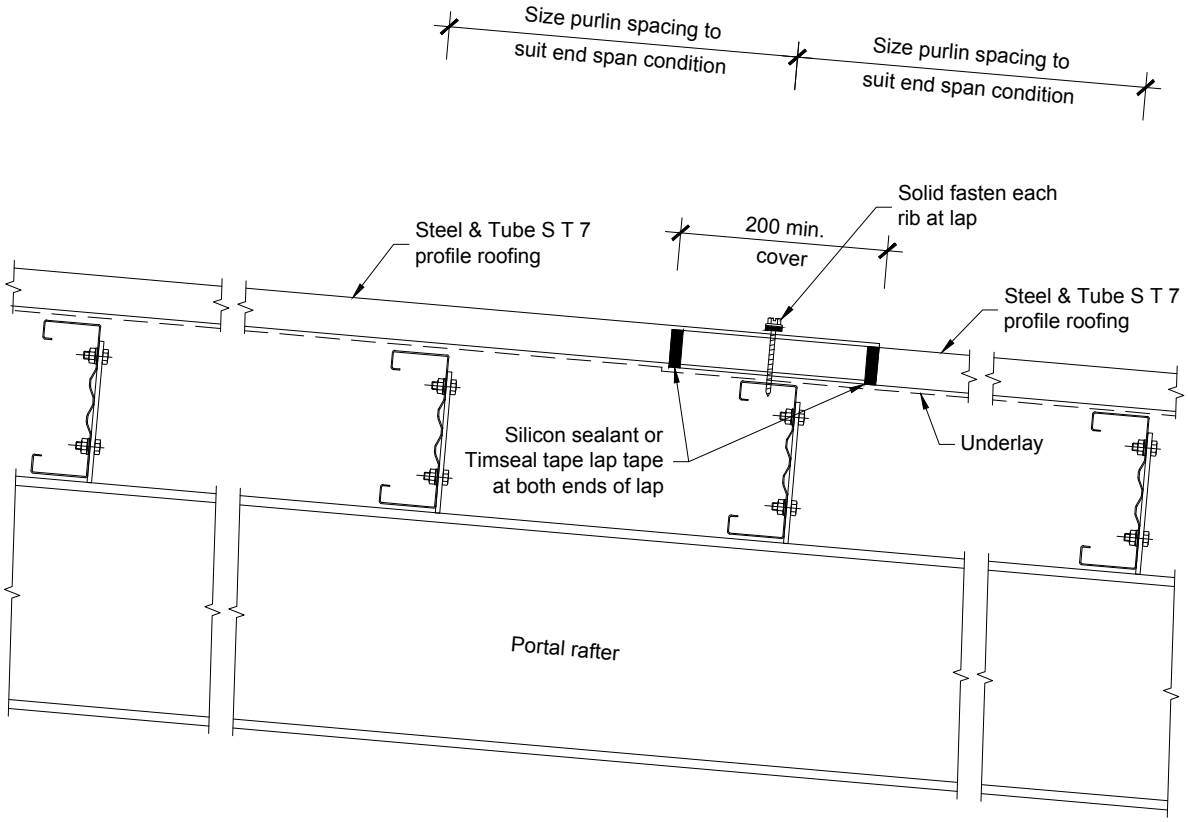
comm_st7-port_head_flash

Head Flash Girt Outside Portal Leg
Cross Section

All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-port_raft_end_lap

End Lap Detail
Cross Section

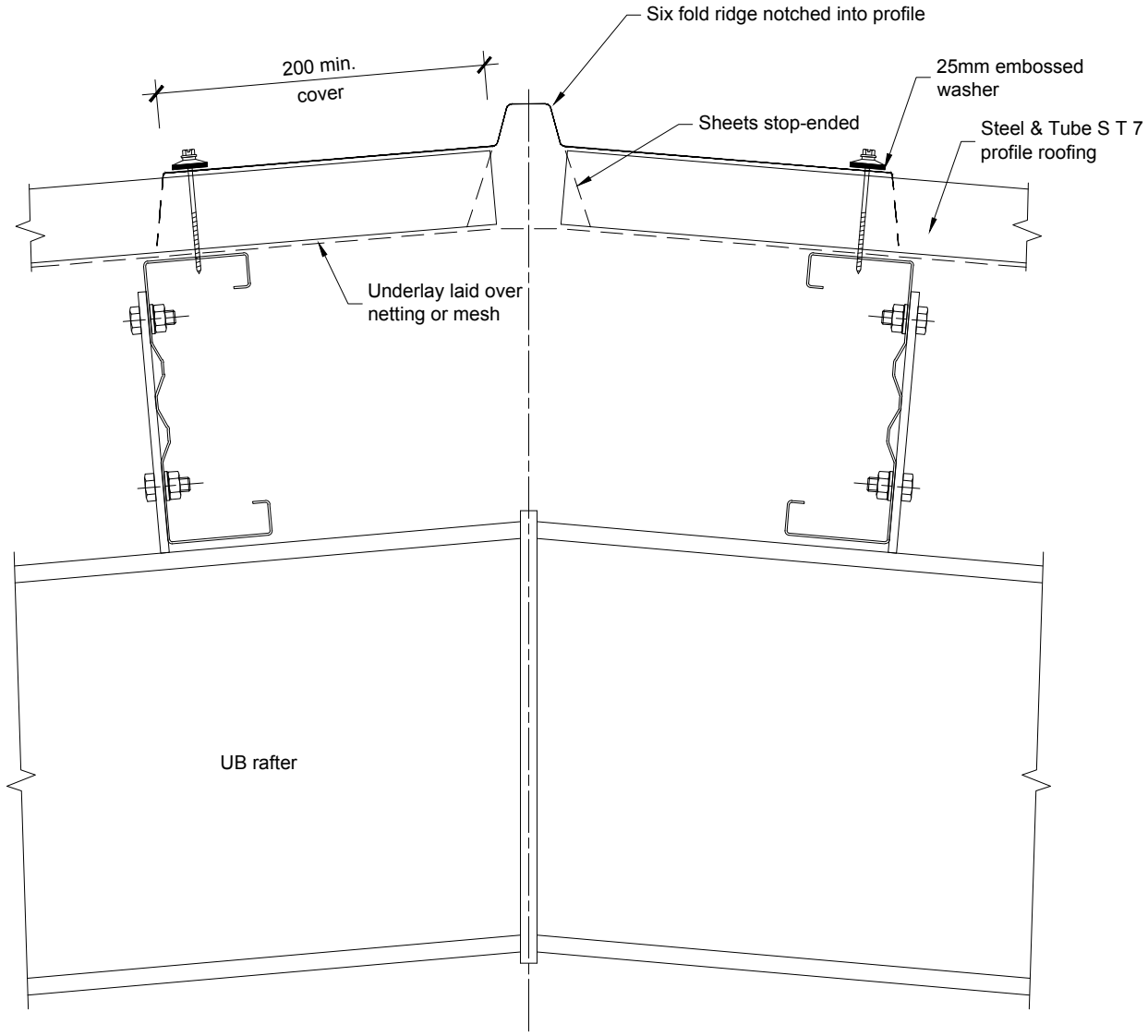
All dimensions in millimetres
Scale 1:10
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB04

steel&tube

Roofing
Commercial Detail
S T 7



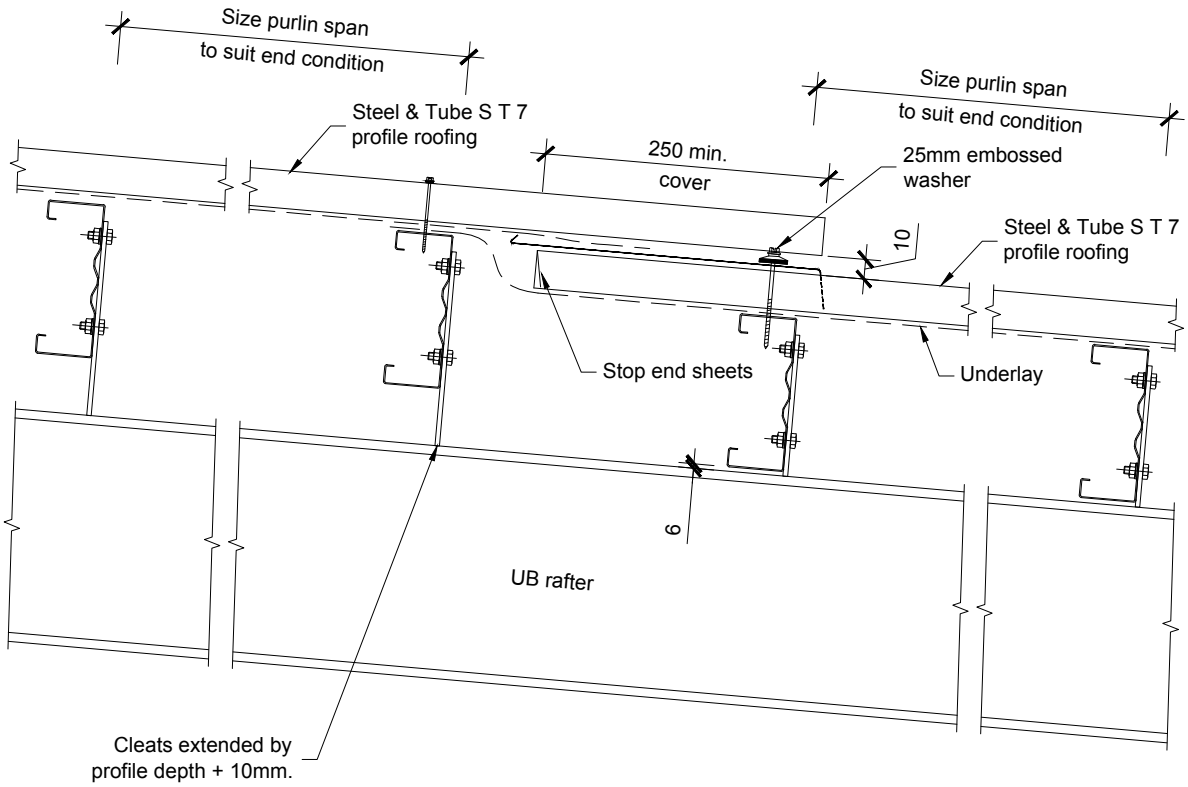
comm_st7-port_ridge

Ridge Apex
Cross Section

All dimensions in millimetres
Scale 1:5
16/01/12

steel&tube

Roofing
Commercial Detail
S T 7



comm_st7-purl_step_flash

Step Flashing Extended Purlin Cleats
Cross Section

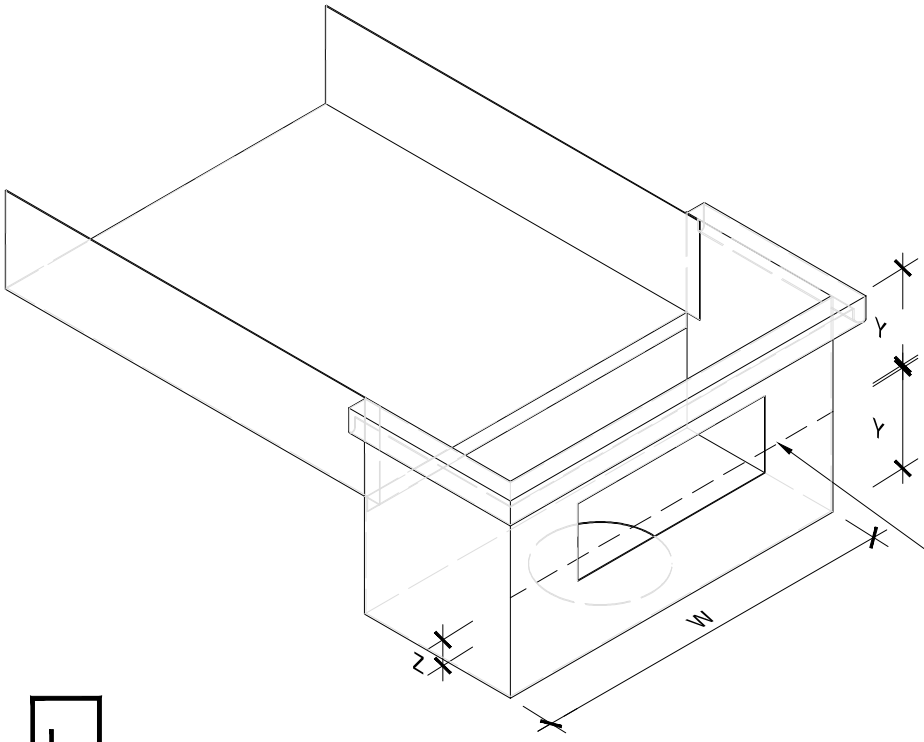
All dimensions in millimetres
Scale 1:10
16/01/12

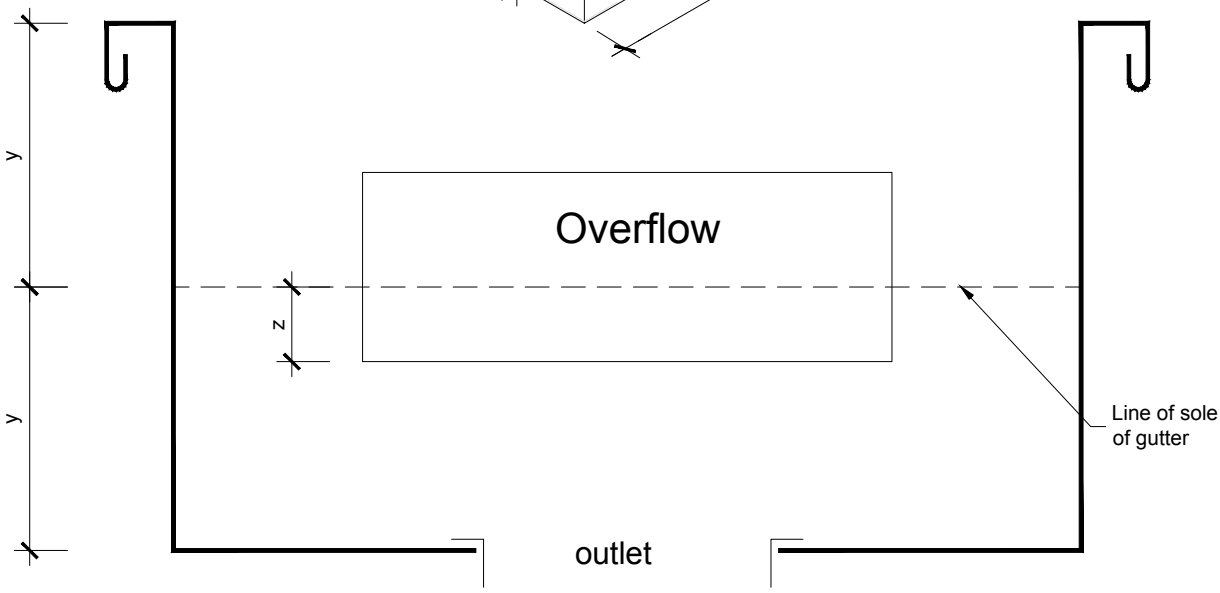
www.steelandtube.co.nz
Technical helpline 0800 333 247

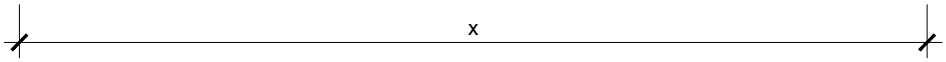
Quick Code: LB14

steel&tube

Roofing
Commercial Detail
S T 7







Dimension y equal to Depth of gutter at outflow
Dimension x equal to width of gutter plus 3mm
Dimension z greater than or equal to 25mm
Cross-section area of overflow greater than or equal to Cross-section area of outlet

comm_st7-rain_head

Rainwater Head Dimensions

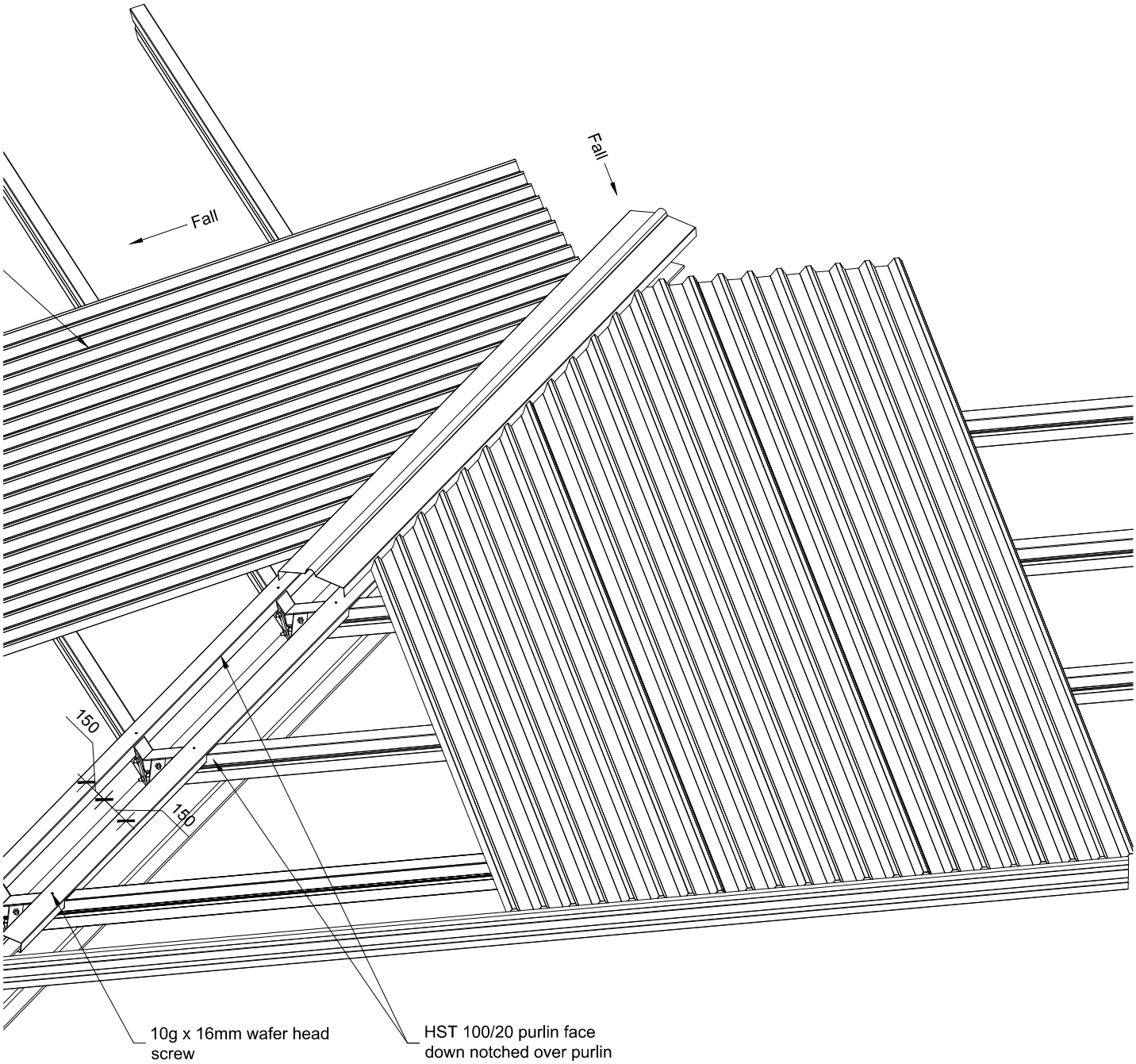
All dimensions in millimetres
Scale 1:2
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

Quick Code: LB13

steel&tube

Roofing
Commercial Detail
S T 7



NOTES:

1. Netting and underlay omitted for clarity
2. Stopend top edge of sheet

comm_st7-roof_hip_raft_purl

Hip Rafter Purlin
Isometric View

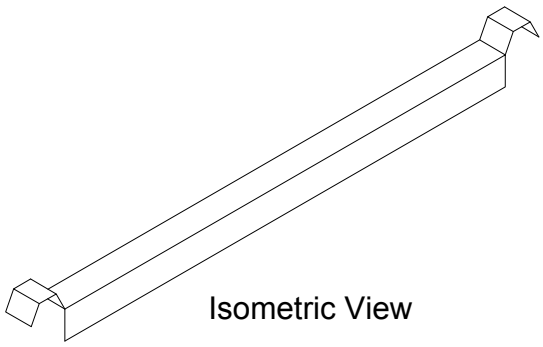
All dimensions in millimetres
Scale 1:25
16/01/12

www.steelandtube.co.nz
Technical helpline 0800 333 247

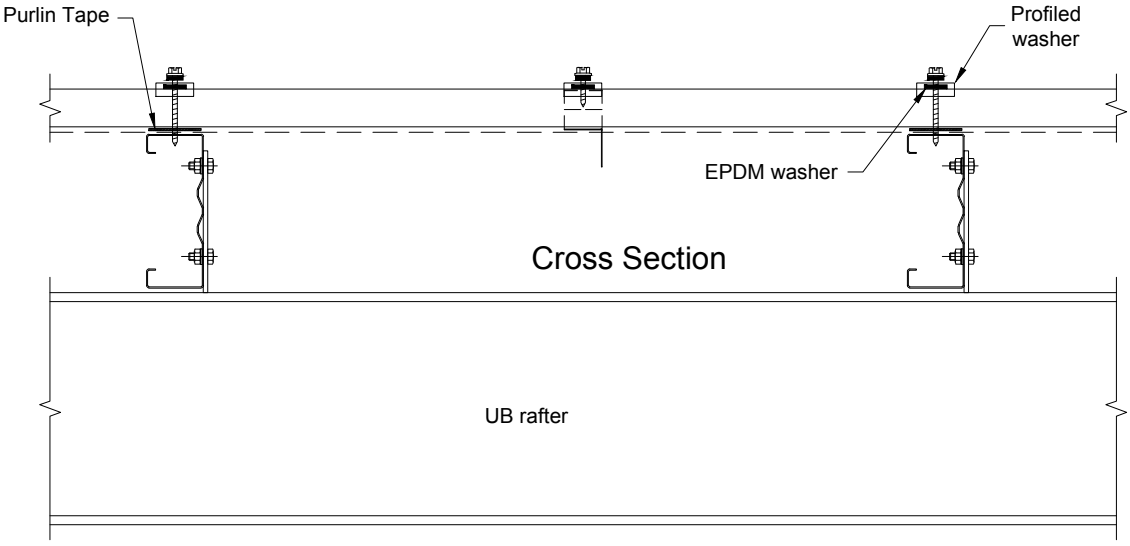
Quick Code: LB06

steel&tube

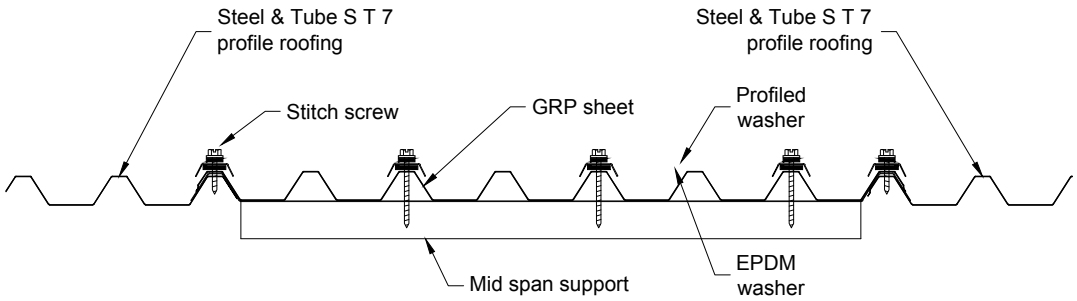
Roofing
Commercial Detail
S T 7



Isometric View



Cross Section



Elevation

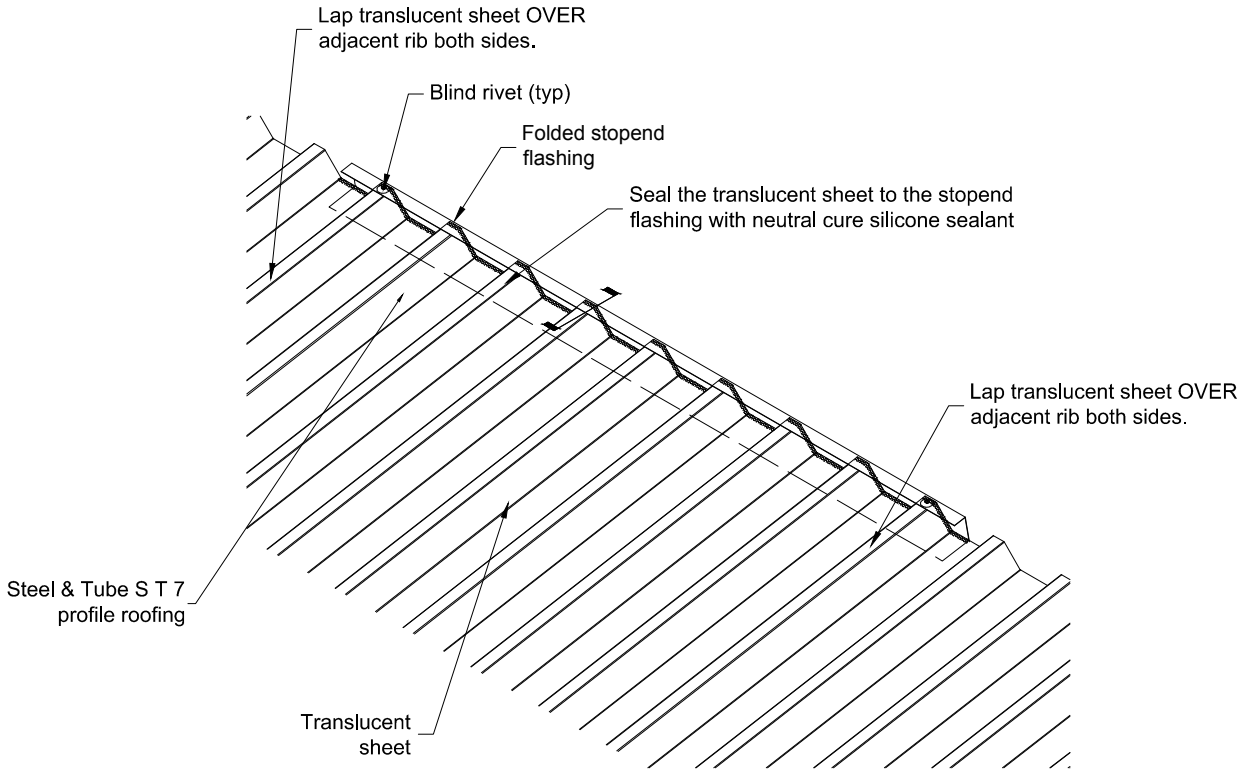
Profile	Sheet Weight gr/m^2	Maximum Span
Low Rib	1800	1200
Medium Rib	2200	1700
High Rib	2200	2100

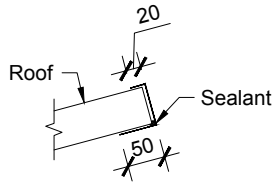
Use mid span support when spans exceed maximum span, or specify heavier weight GRP sheet.

comm_st7-tran_sht_midspan

Translucent Sheet Mid Span Support

All dimensions in millimetres
Scale 1:10
16/01/12





CROSS SECTION

comm_st7-tran_sht_stopend

Translucent Sheet Stop-end

Isometric View

All dimensions in millimetres
Scale 1:10
16/01/12