

T-Seam® Standing Seam Roofing System Standard Details



Tiger Profiles and Insulation L. L. C.





T-Seam Standing Seam was used for the roofing at Za'abeel Hall of the Dubai World Trade Centre.



Cover: T-Seam used for roofing the Ticketing Office at the Nad Al-Sheba Race Course, Dubai. T-Seam is ideal in situations where lightweight

yet durable roofing is required, and easily conforms to the demanding specifications of modern architectural design.

Tiger Profiles & Insulation L.L.C.

Tiger Profiles and Insulation was established in 1994 as a fully owned subsidiary of Tiger Steel Engineering to provide specialized service in the metal building construction industry. In the last decade the company has grown to be recognized as a market leader in the design and supply of the cold formed and insulated metal building components for roofs, walls, false ceiling and floor decks.

Tiger Profiles & Insulation employs a team of highly skilled and experienced professionals, who work together with the customers to provide a complete system solution. This entrepreneurial spirit of the employees has enabled the Company to successfully launch new products and develop new markets.

The Company is committed to maintain the highest level of Quality Control procedures as well as the health and safety policies resulting in high quality products and ensuring complete customer satisfaction. The company has the accreditation of ISO 9002 since 2000.

On the following pages, we have illustrated some typical T-Seam® roof construction details. These details are only suggestions and must be verified for each project in terms of correctness and suitability.

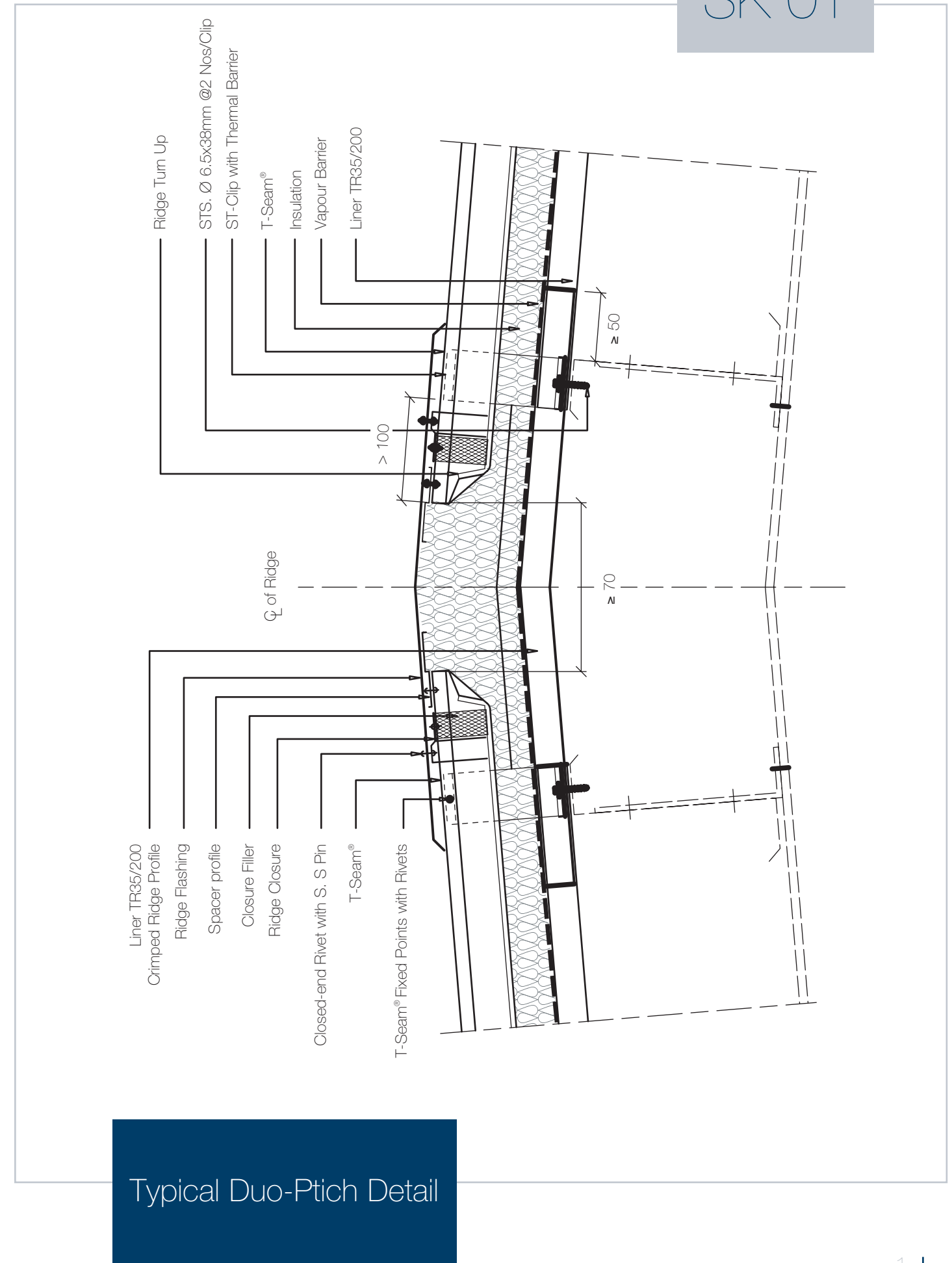
T-Seam® Standing Seam Roofing System Standard Details

T-Seam® Standard Details

DRAWING NO.

SK 01

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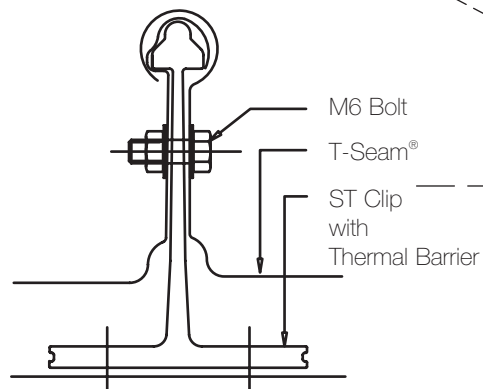
Typical Duo-Pitch Detail

T-Seam® Standard Details

- Peak Flashing
- Spacer Profile
- Ridge Turn Up
- T-Seam® Fixed Point (ref. Detail)
- Closure Filler
- Ridge Closure
- Closed-end Rivet
- Loose Insulation
- Inner Support Flashing
- Spacer Support

- T-Seam®
- Insulation
- Vapour Barrier
- Liner

- Steel Structure
- Wall Panel

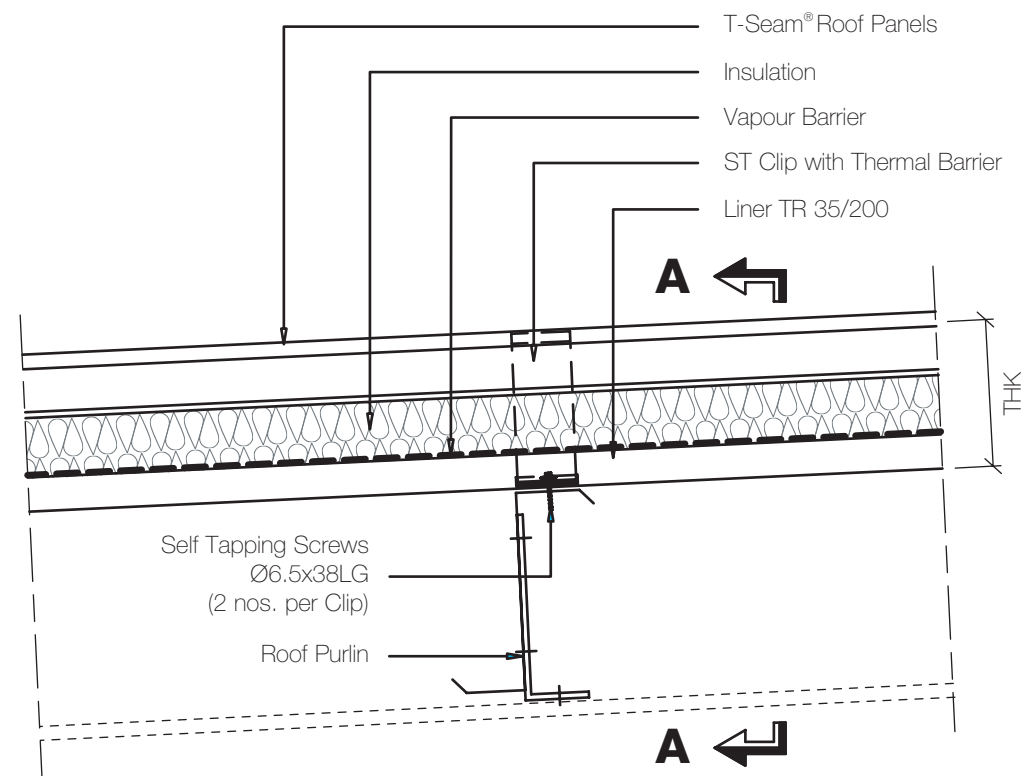
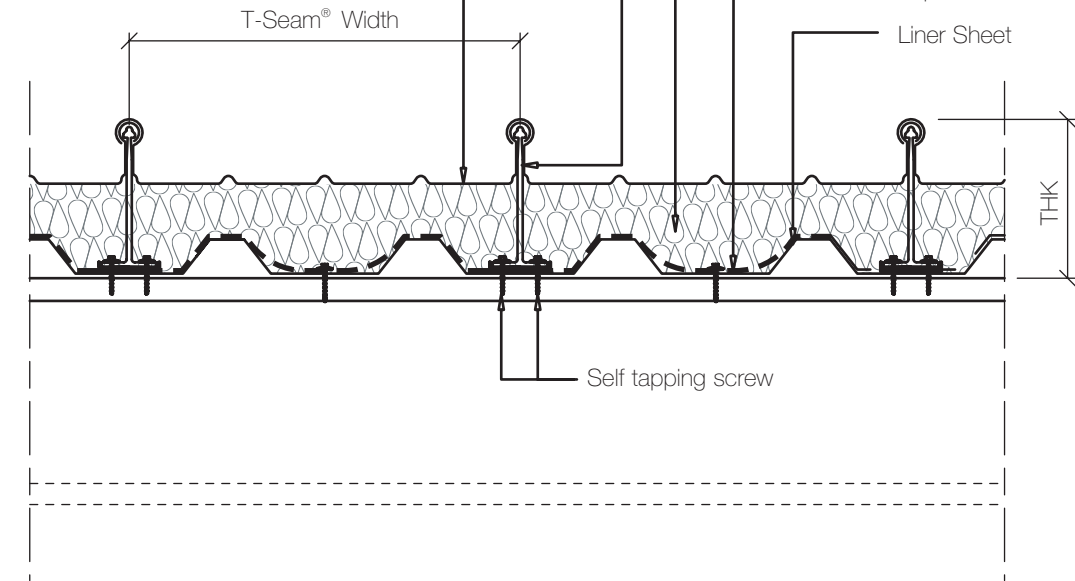


T-Seam® Fixed Point

Mono Pitch Ridge Detail & T-Seam® Fixed Point Detail

T-Seam® Standard Details

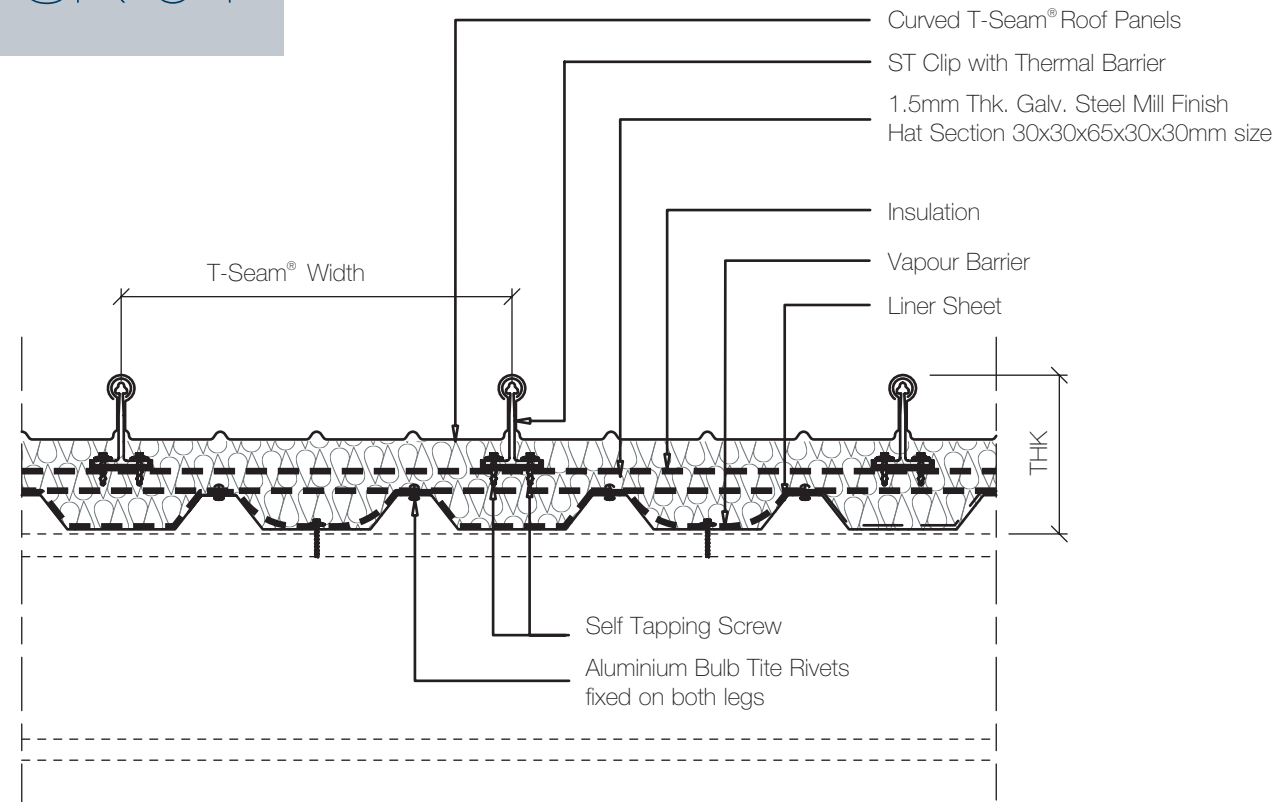
- T-Seam® Roof Panels
- ST Clip with Thermal Barrier
- Insulation
- Vapour Barrier
- Liner Sheet



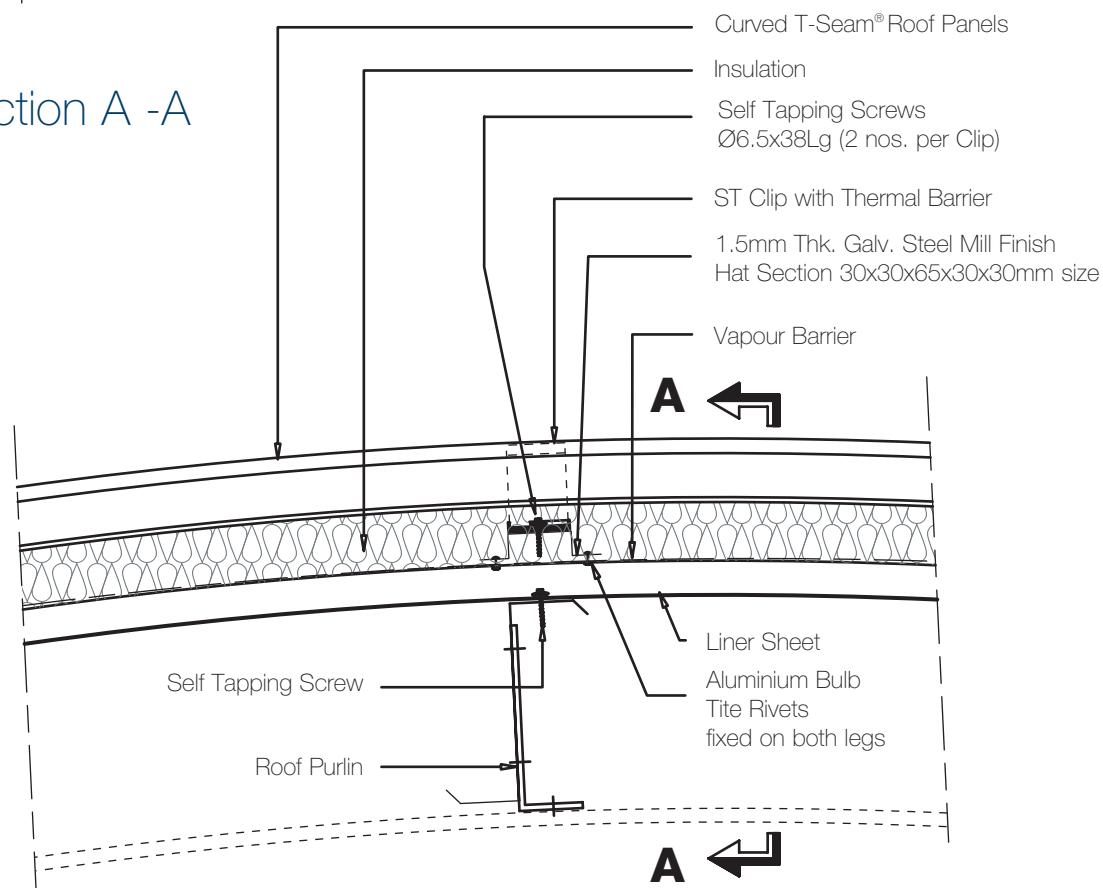
Section A -A

Typical Purlin Roof Construction Detail Without Hat Spacer

T-Seam® Standard Details

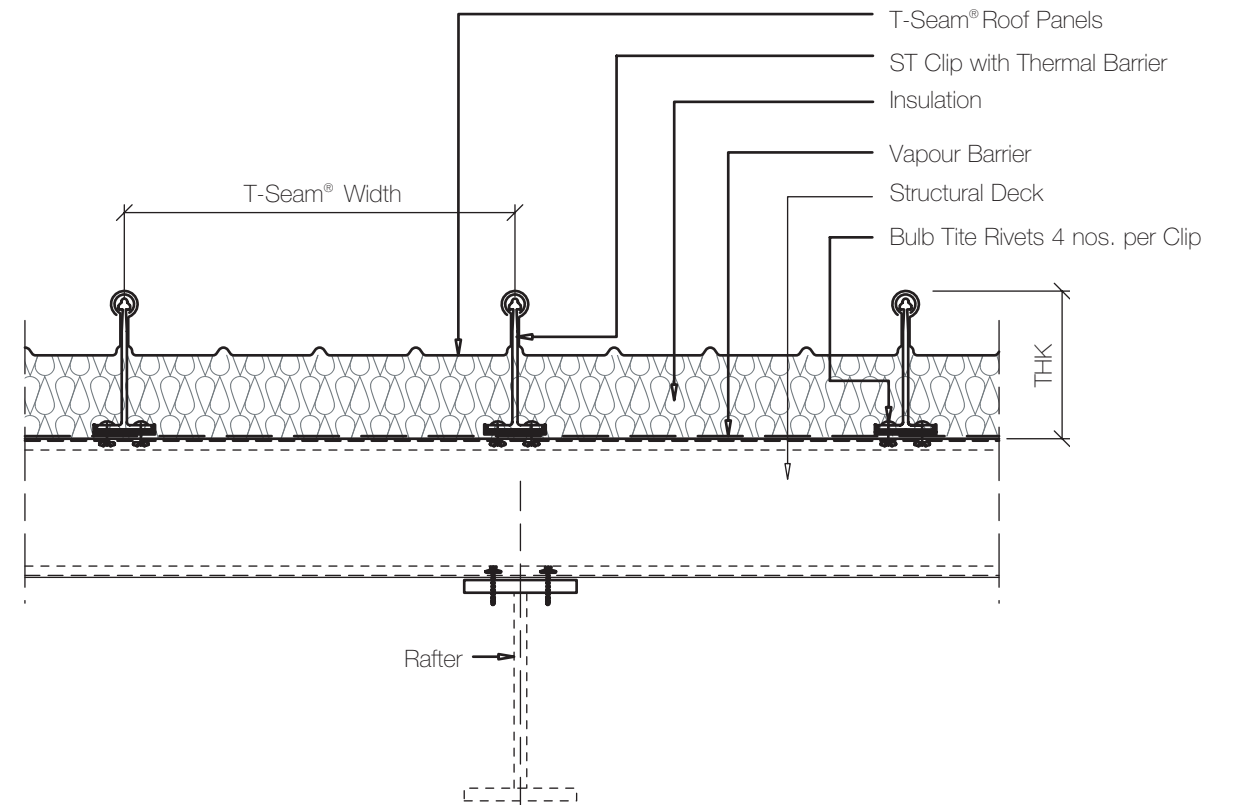


Section A -A

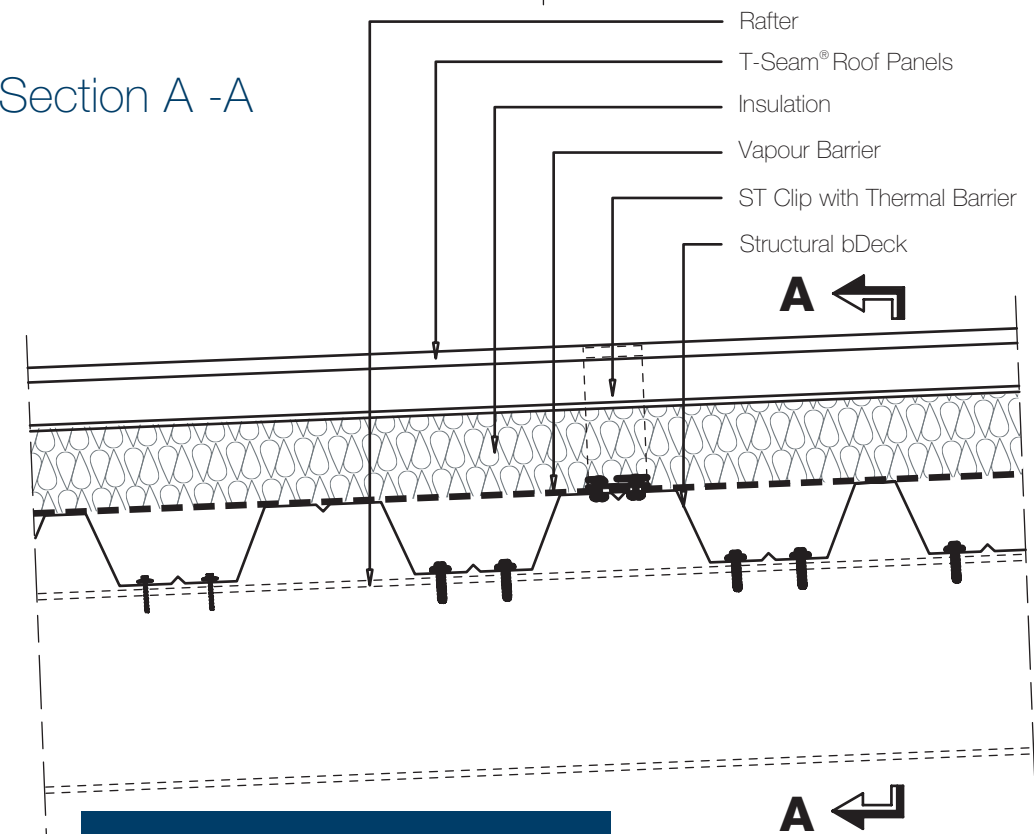


Typical Purlin Roof Construction Detail With Hat Spacer

T-Seam® Standard Details

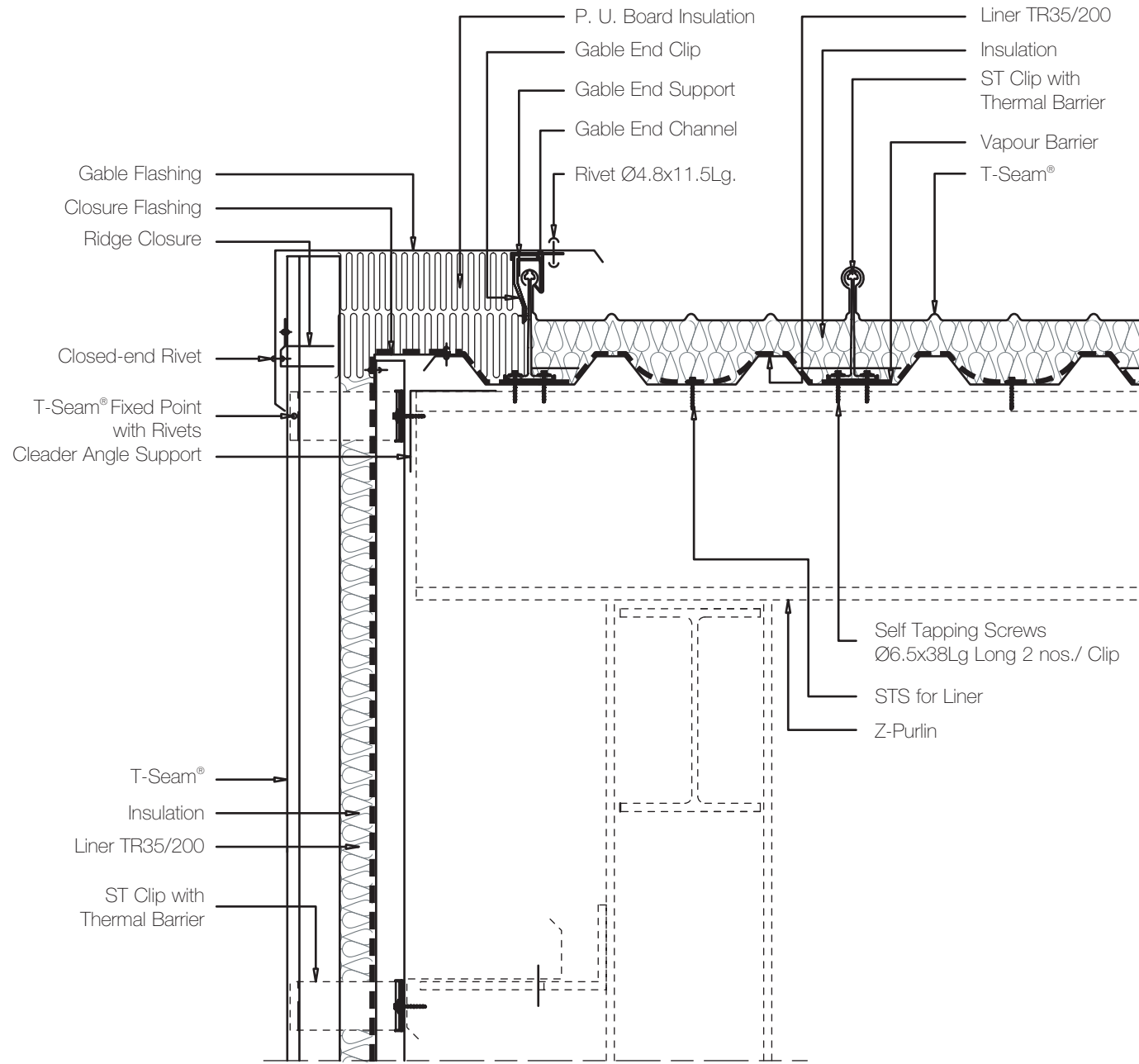


Section A -A



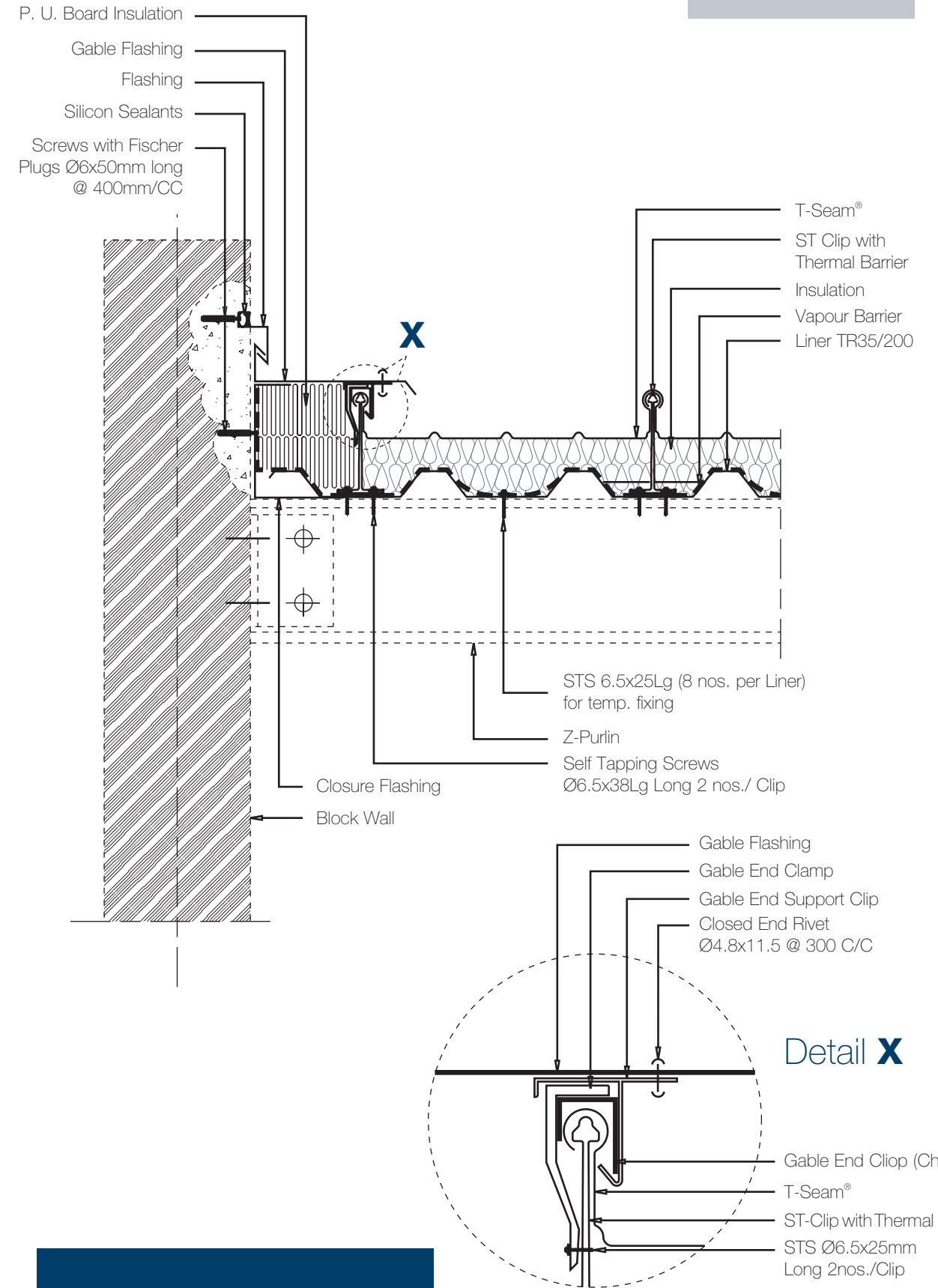
Typical Rafter Roof Construction Detail

T-Seam® Standard Details



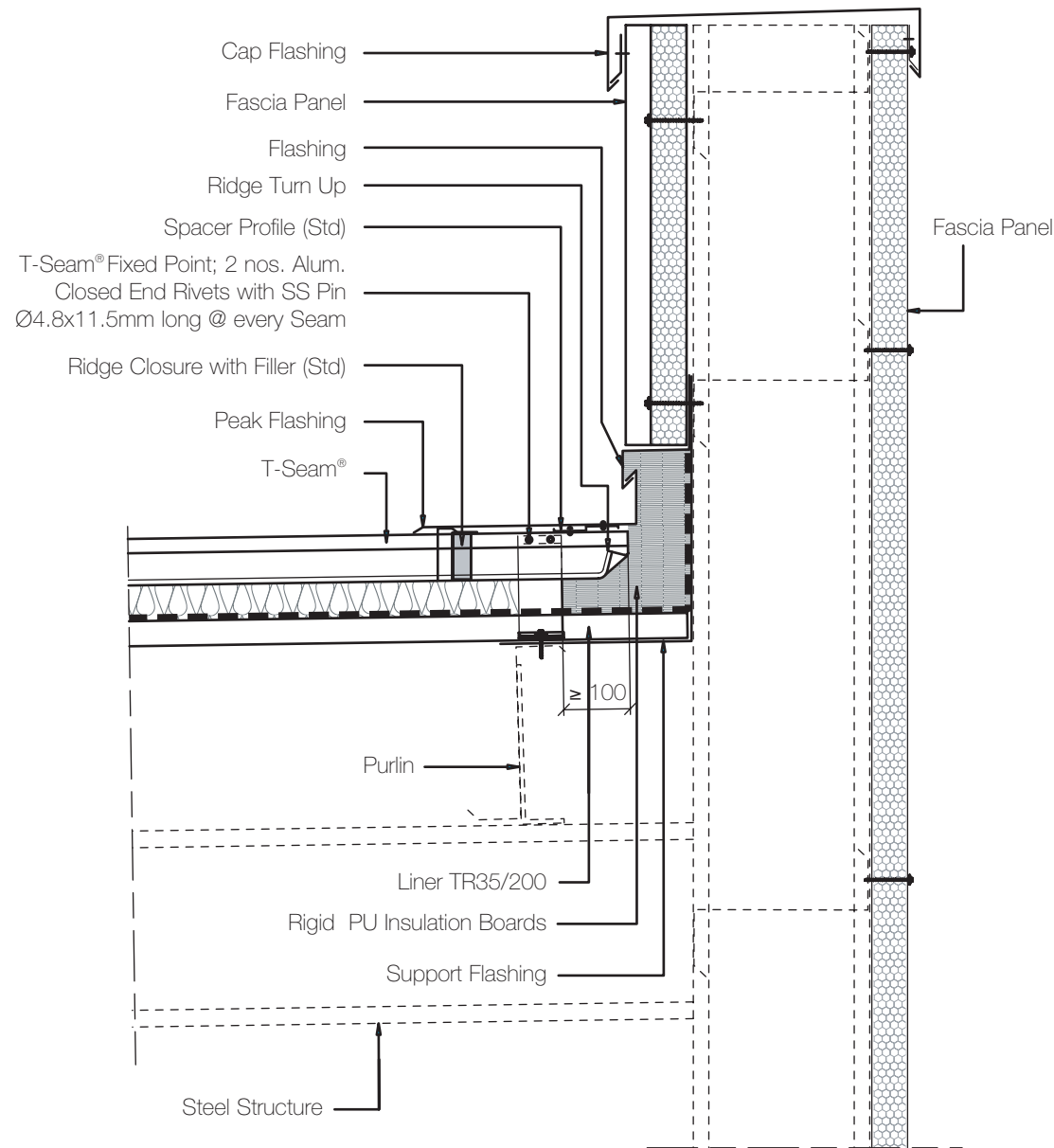
Gable with Wall Cladding

T-Seam® Standard Details



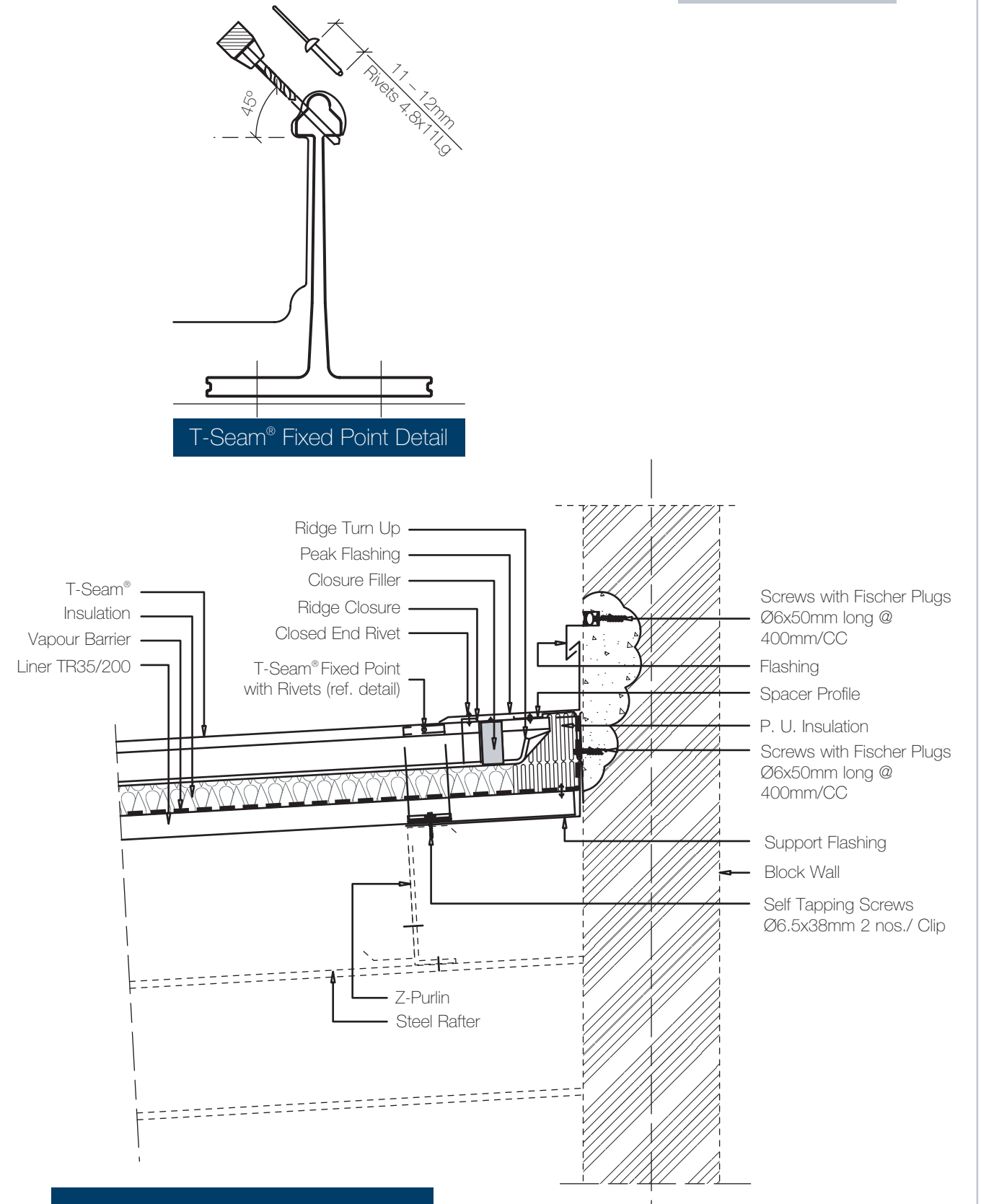
Gable Detail with Parapet

T-Seam® Standard Details

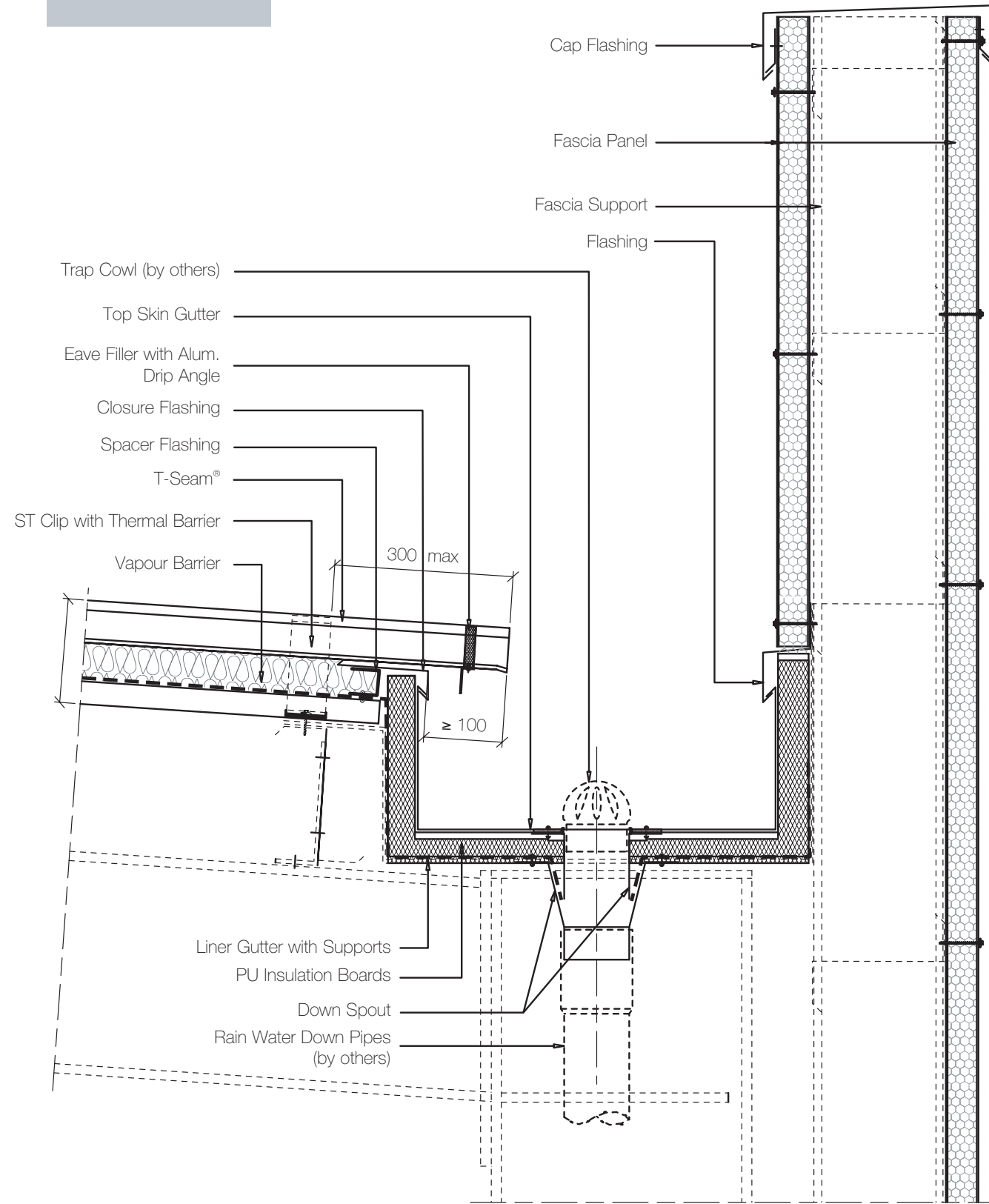


Peak Detail with Fascia

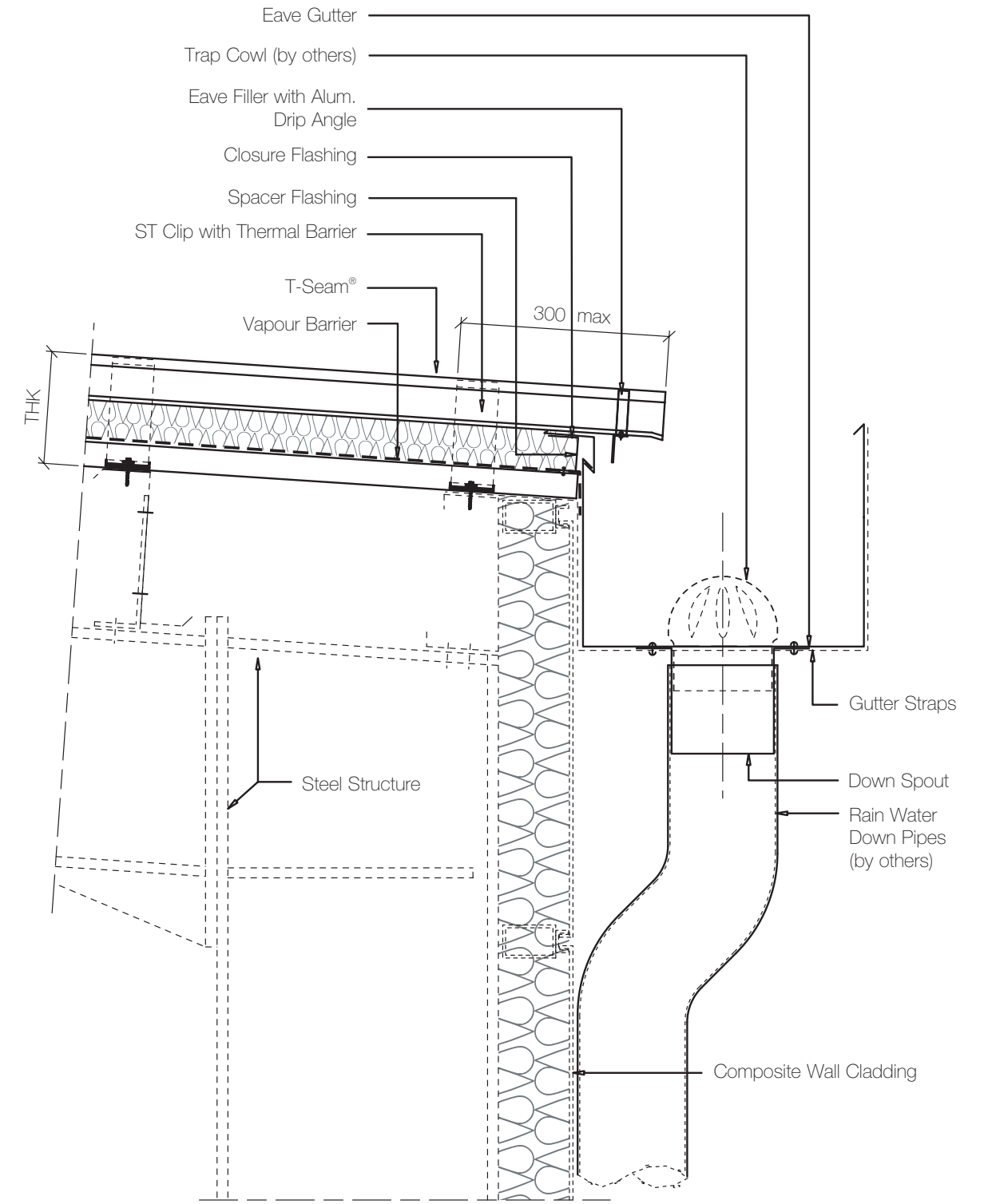
T-Seam® Standard Details



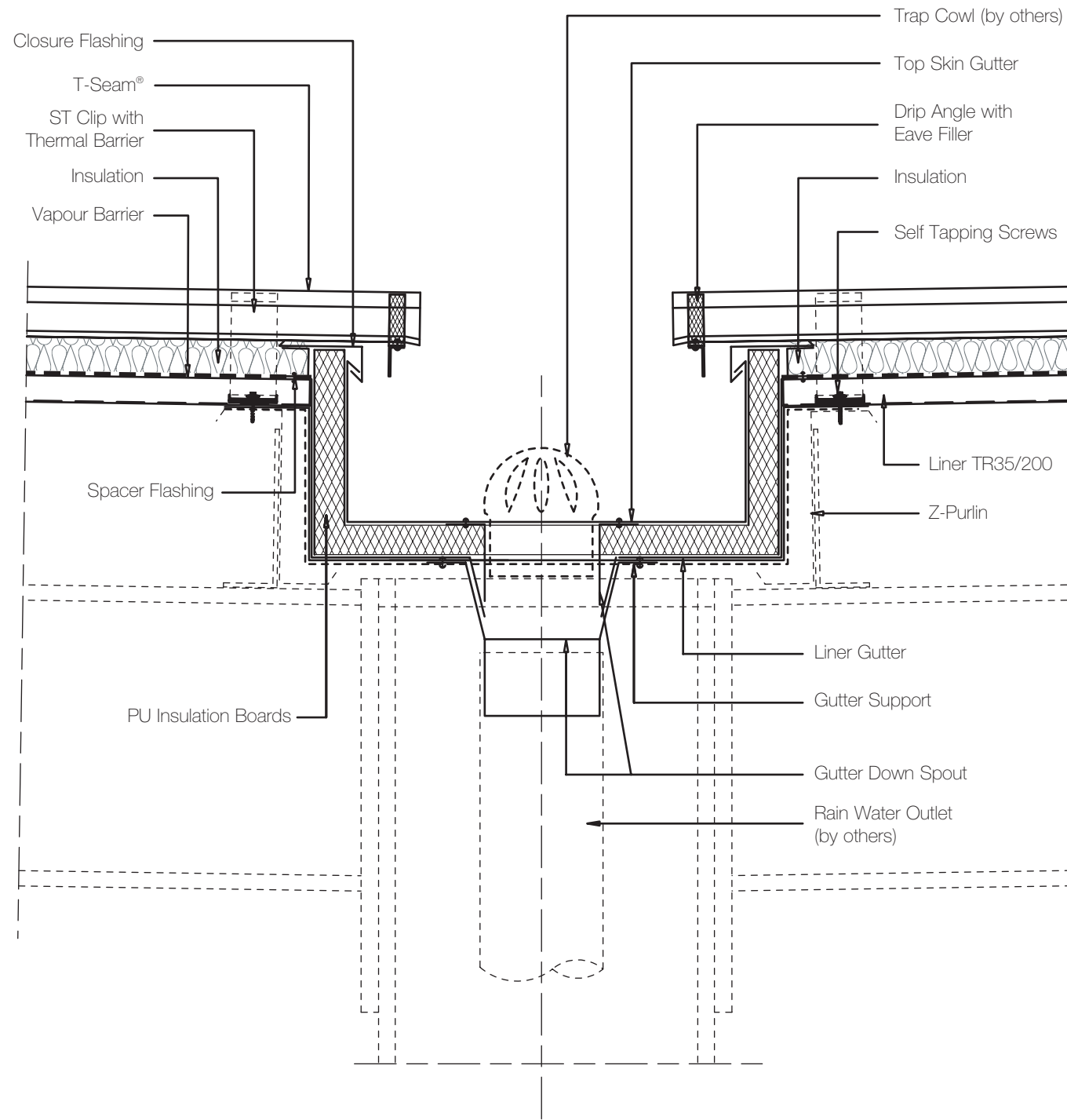
Peak Detail on Block Wall



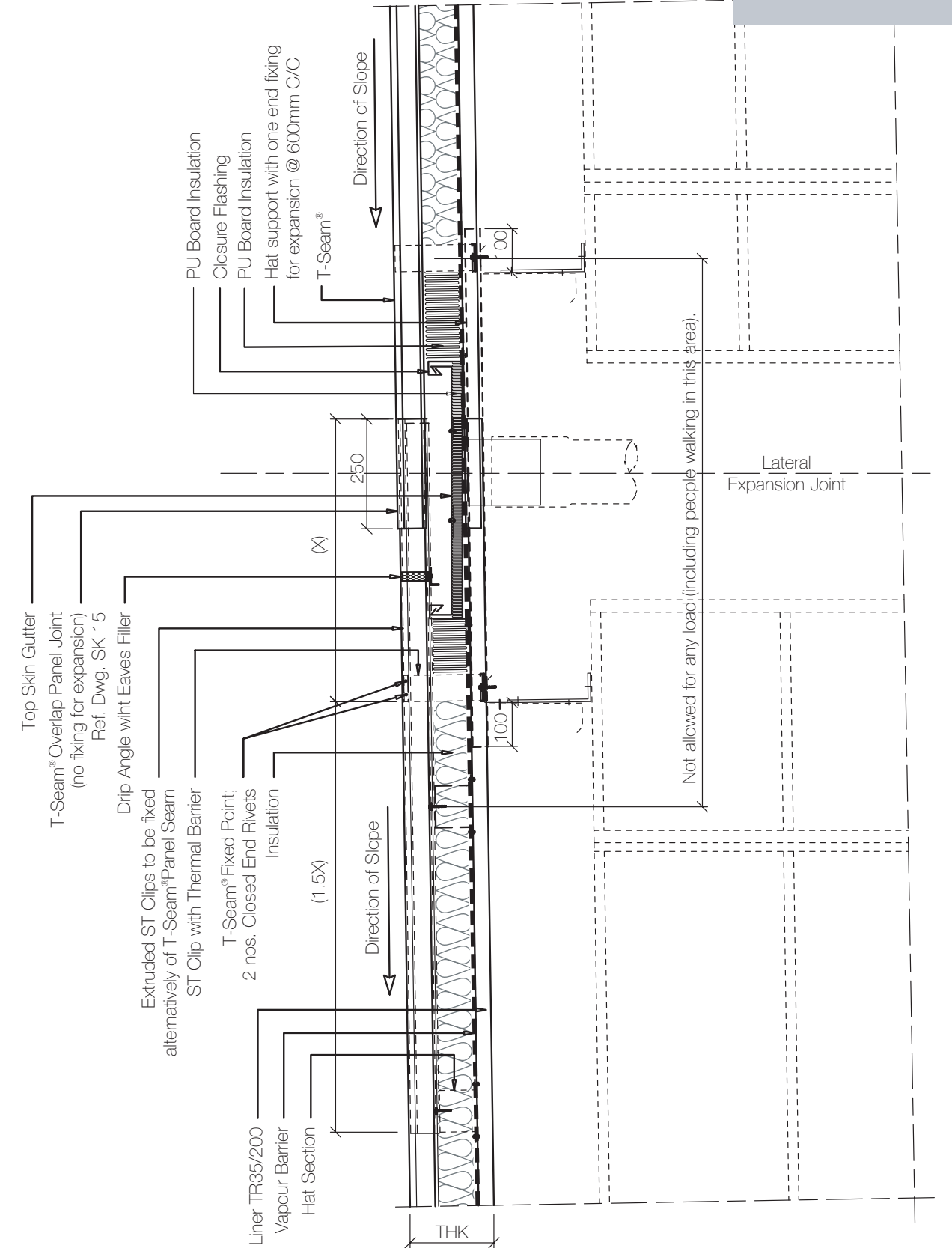
Eave Gutter Details with Fascia



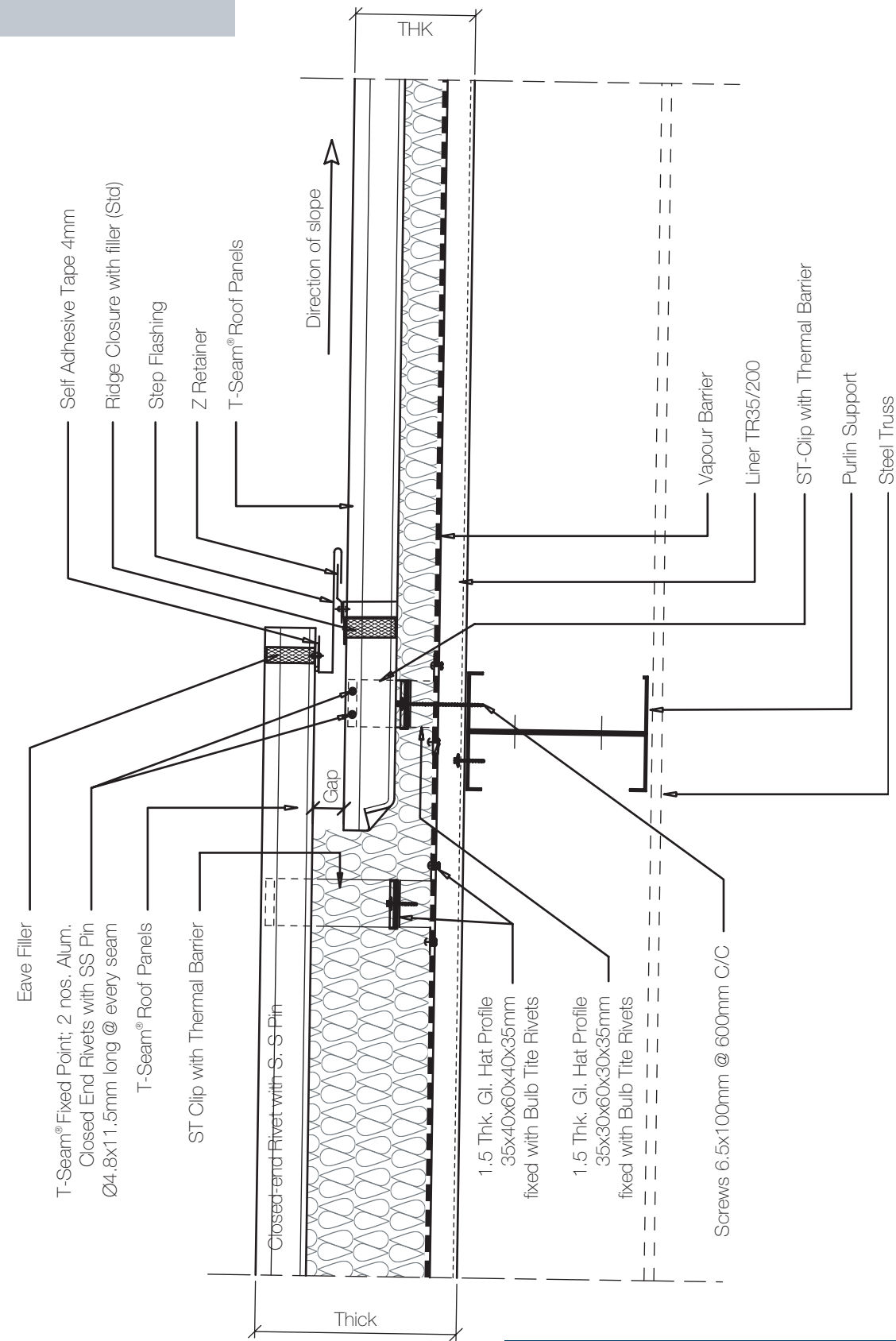
Gutter Details without Fascia



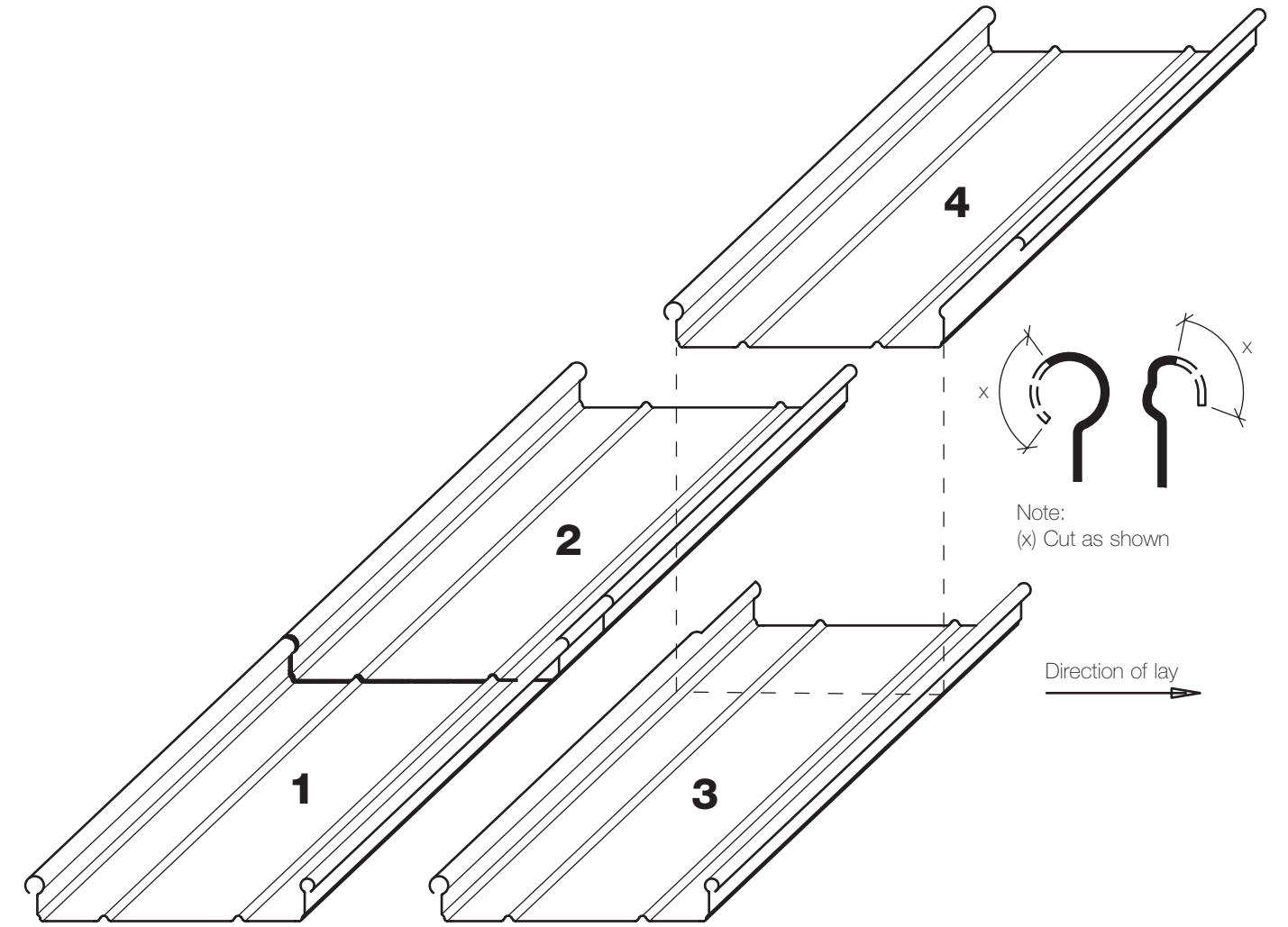
Valley Gutter Details



Lateral Expansion Joint Detail



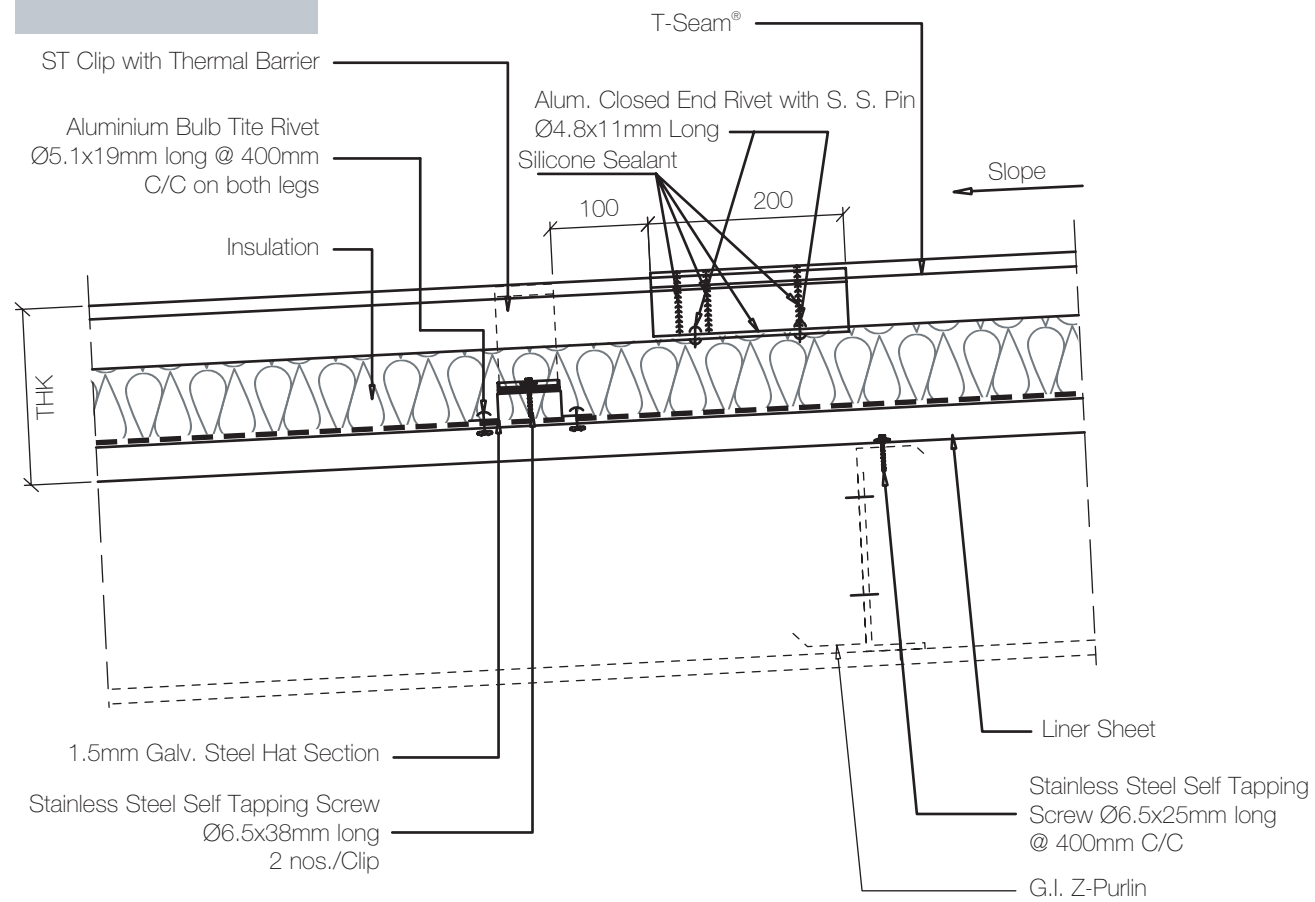
Stepped Lateral Joint Detail



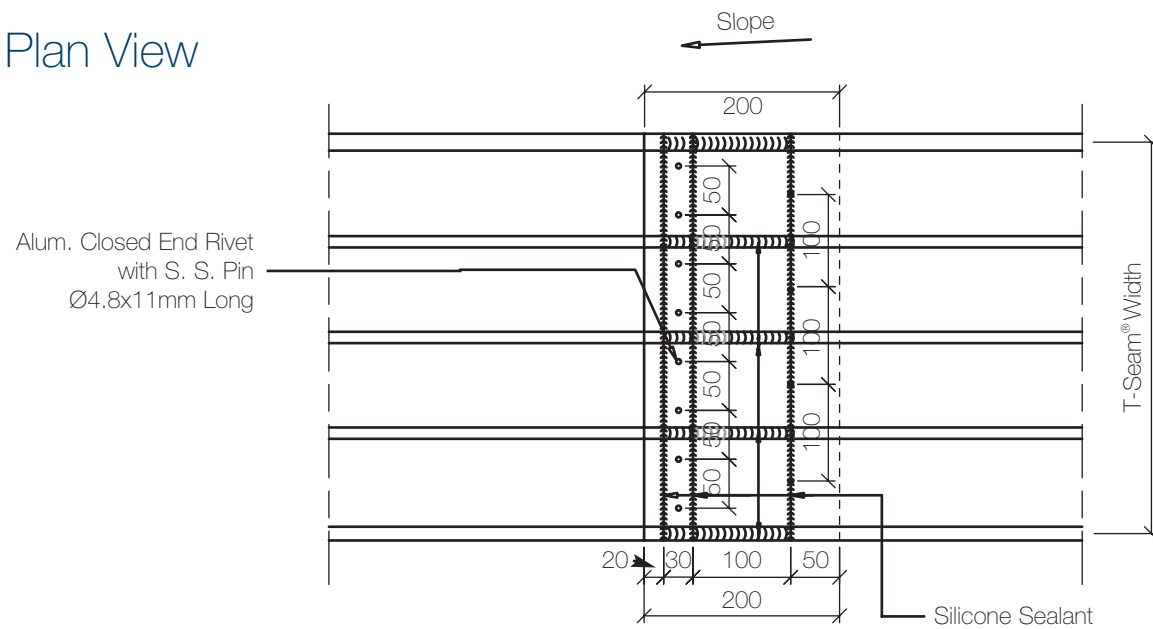
Sequence of Transverse Joint

Note:
1, 2, 3, & 4 indicates the
sequence of laying of sheets

Typical Overlap Pattern

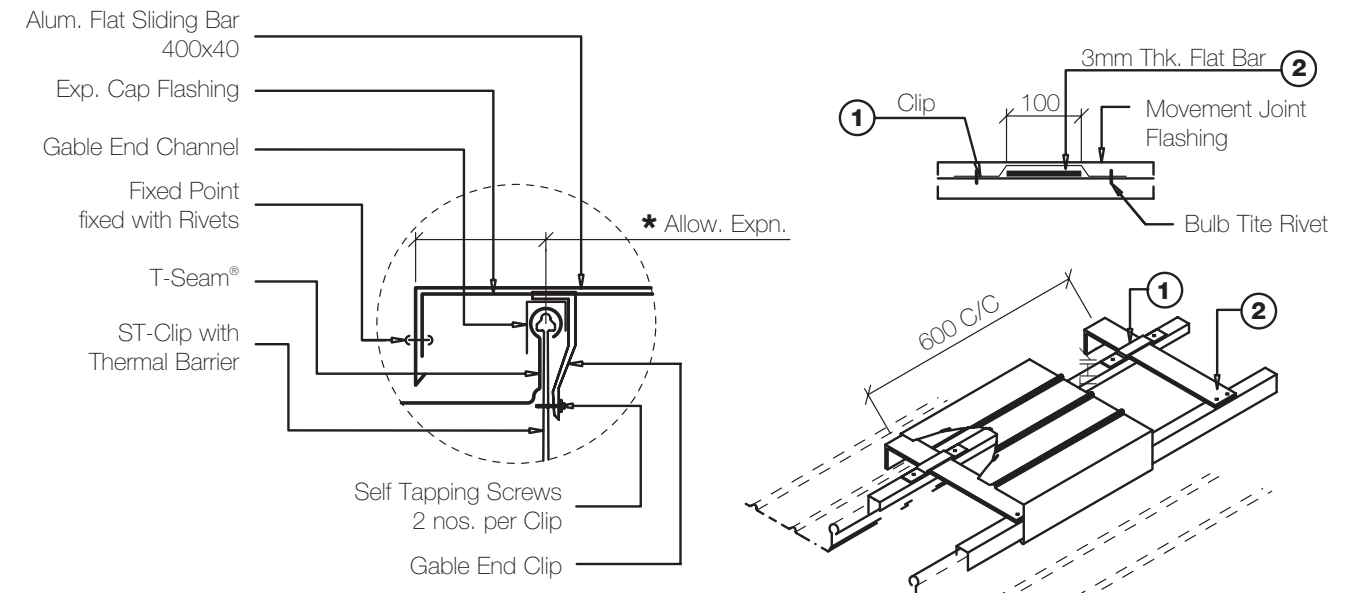


Plan View

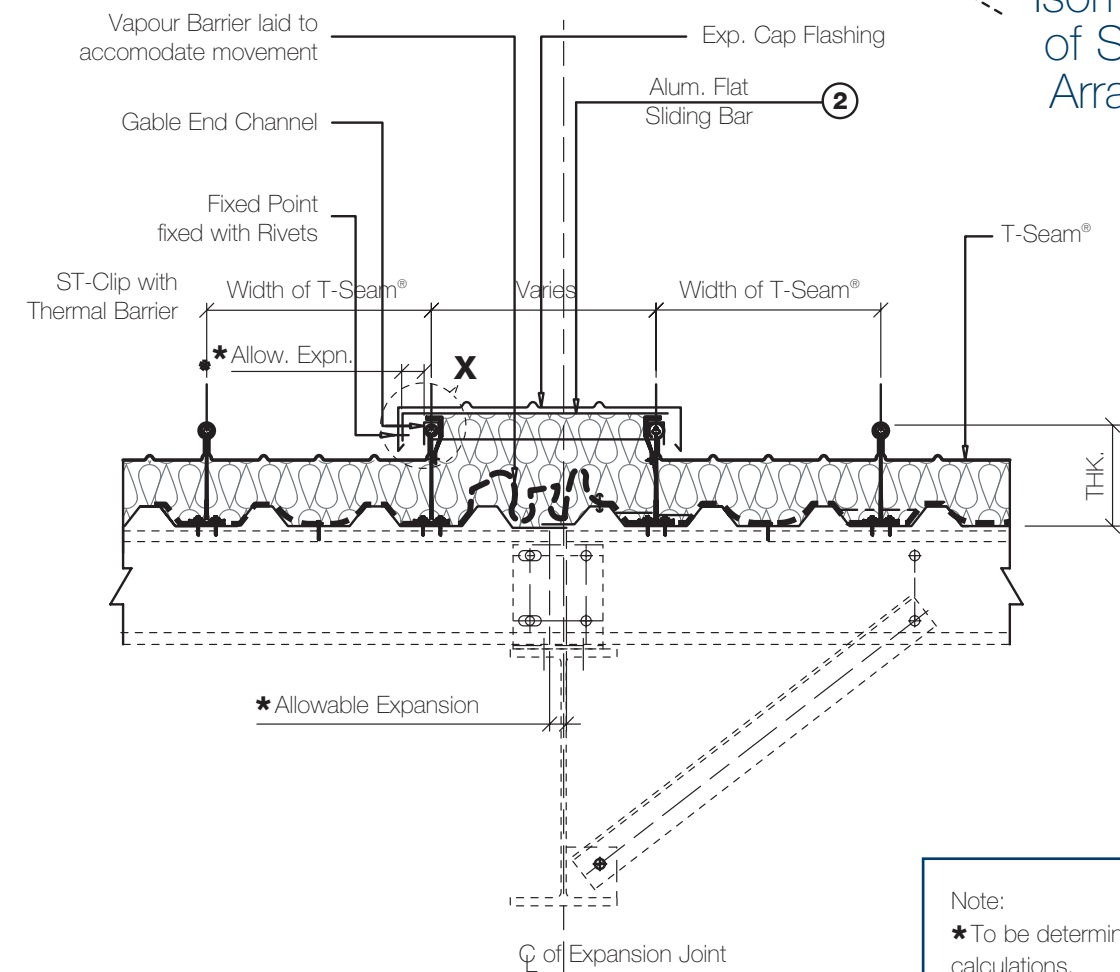


Typical Overlap Detail

Detail - X

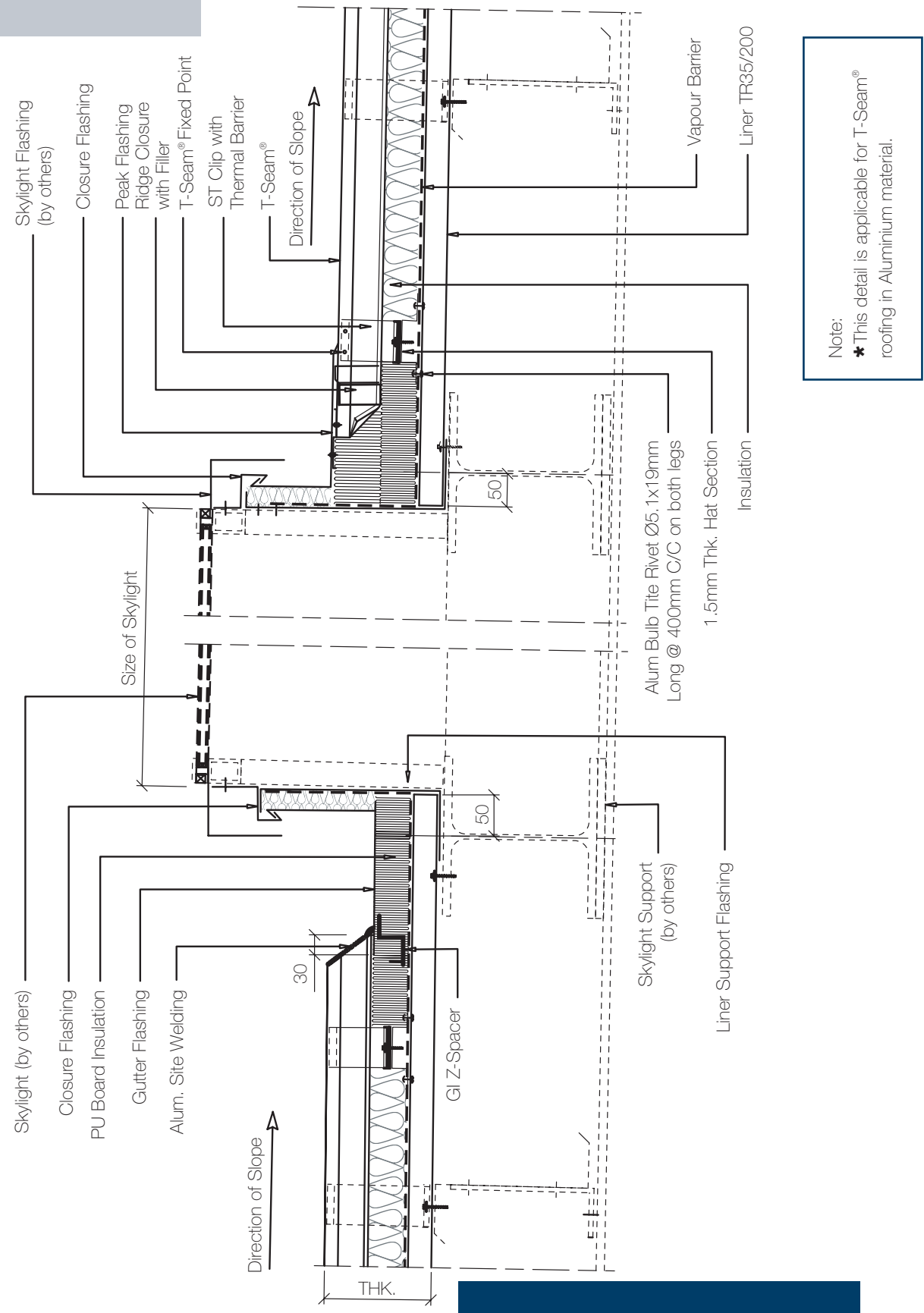


Isometric View of Sliding Bar Arrangement

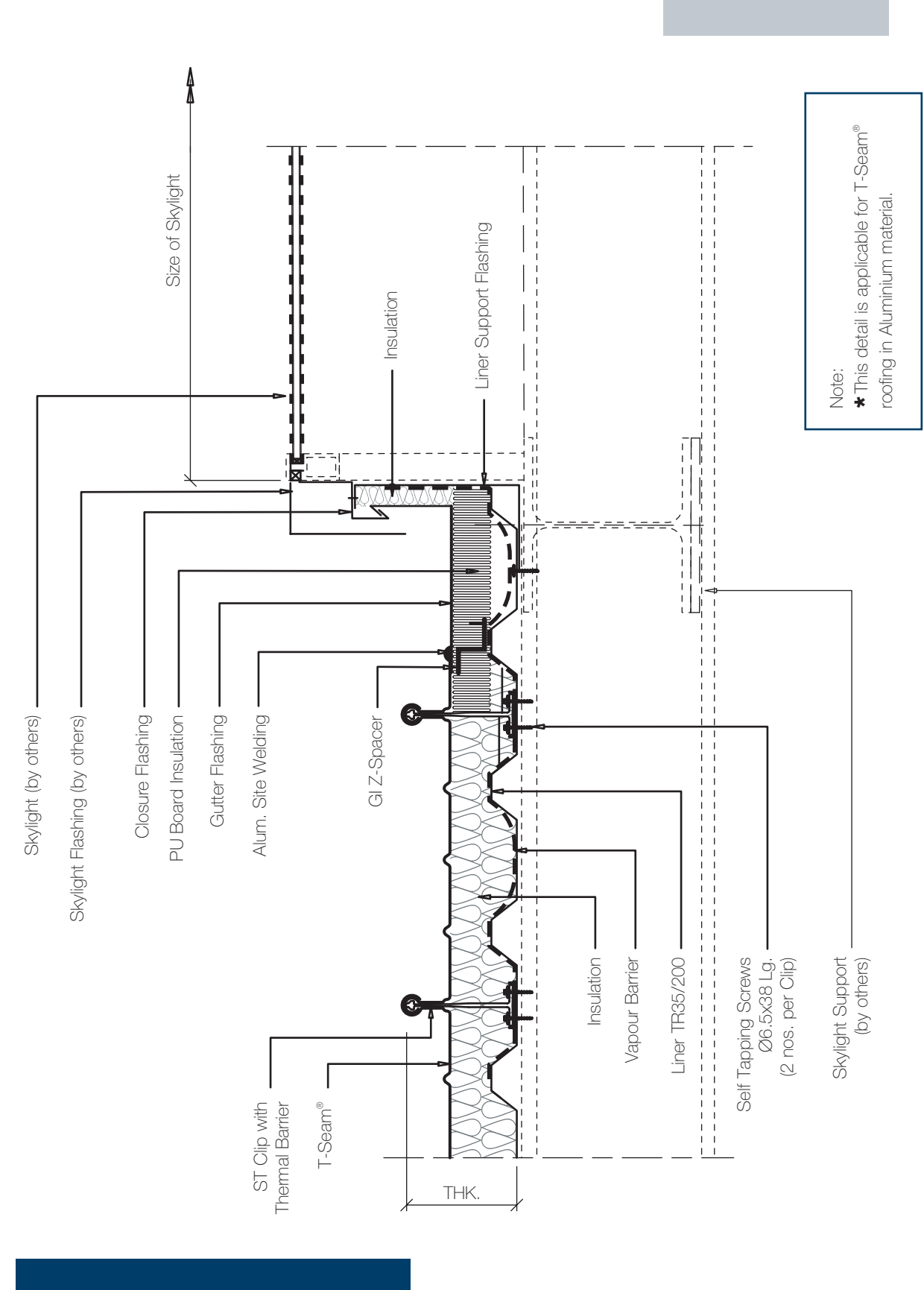


Note:
* To be determined by calculations.

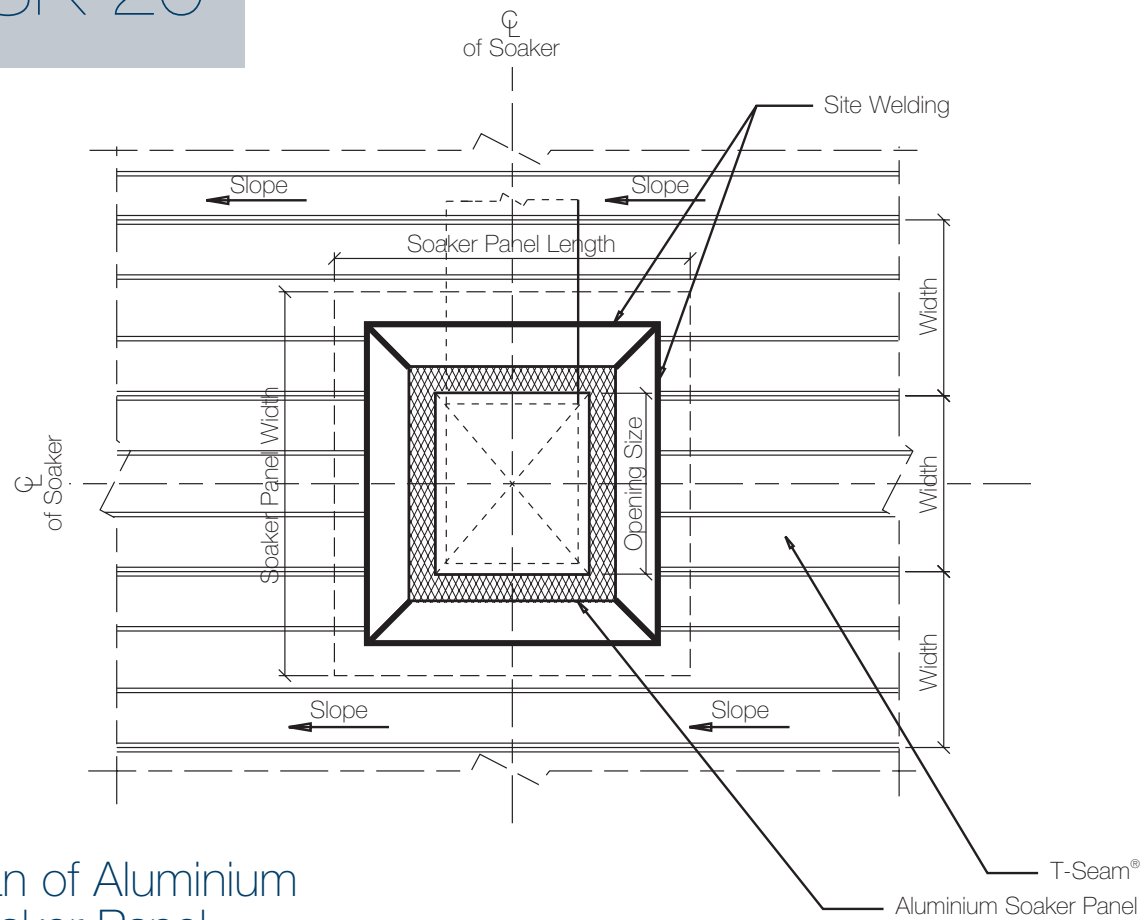
Expansion Joint Detail



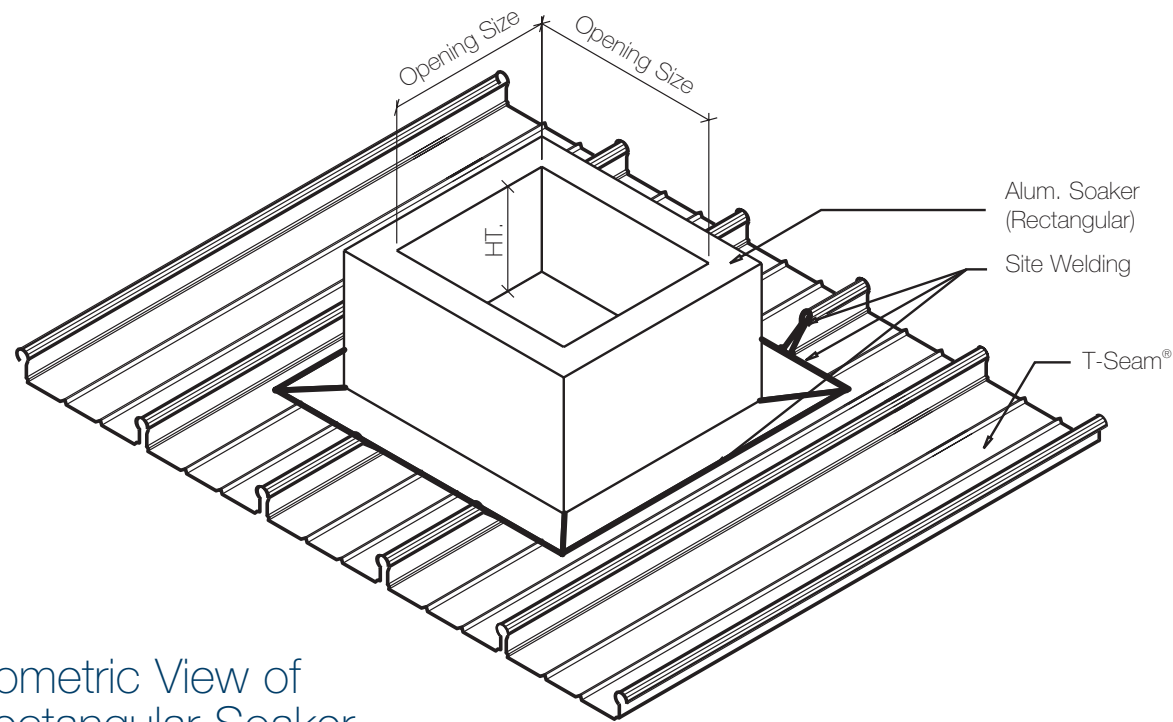
Roof Skylight Opening Detail
(Along the Roof)



Roof Skylight Opening Detail
(Across the Roof)



Plan of Aluminium Soaker Panel



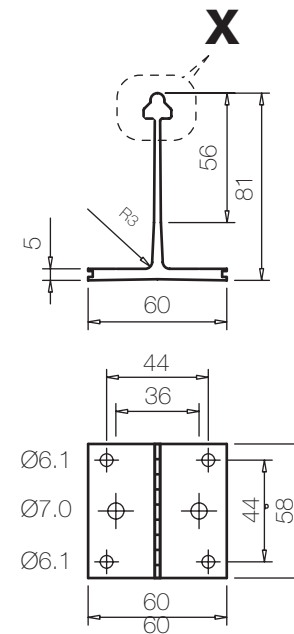
Isometric View of Rectangular Soaker

Soaker Panel Detail

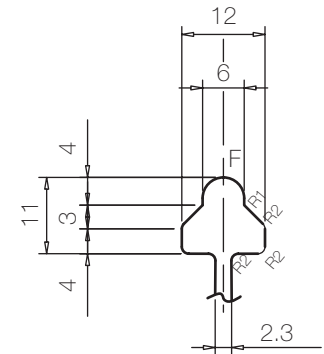
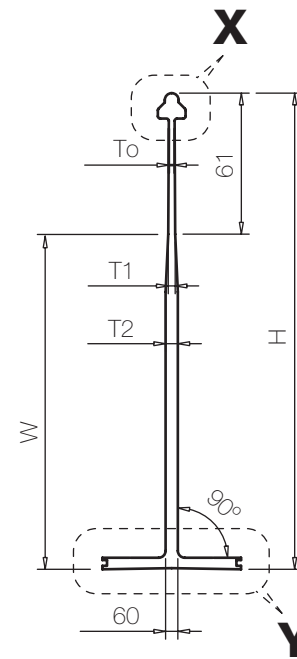
T-Seam® Fixing Clips

Type T-25

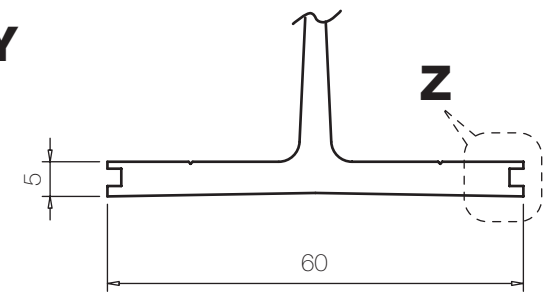
Type T-50 to T-135



Detail - Z



Detail - X



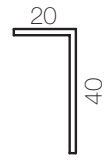
Detail - Y

T-Seam® Clip Type T-25 to T-135 (mm)

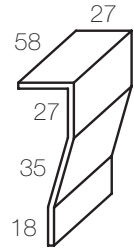
Type	T-25	T-50	T-75	T-95	T-105	T-115	T-125	T-135
H	81	106	131	151	161	171	181	191
W	25	45	70	90	100	110	120	130
To	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
T1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
T2	3.3	3.3	4.1	4.3	4.4	4.6	4.8	5.0

1. All dimensions are in millimetres.
2. For sharp corners radius = 0.3R
3. BS:1474 (amended version)
BS EN 755 series for tolerances unless mentioned otherwise.
4. F = full rad; R1 = 0.3 rad; R2 = 0.5 rad; R3 = 4.0 rad.
5. Material - Aluminium Alloy - 6082-T6 / 6063-T6.

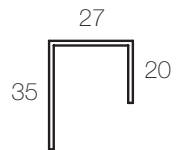
Fixing Clip Details



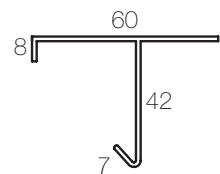
Drip Angle 20x40x2



T-Seam® Gable End Clamp



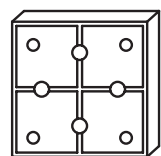
Gable End Clip (Channel)



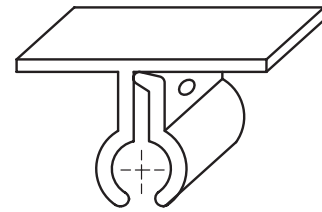
Gable End Support (Clip)



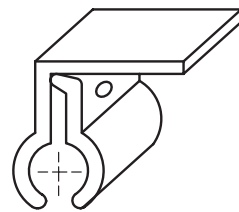
Spacer Profile



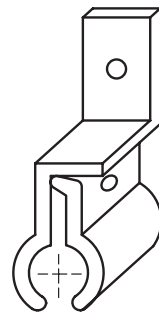
Nylon Thermo Pad T-Seam® Clips



T-Seam® Clamps



T-Seam® Clamps



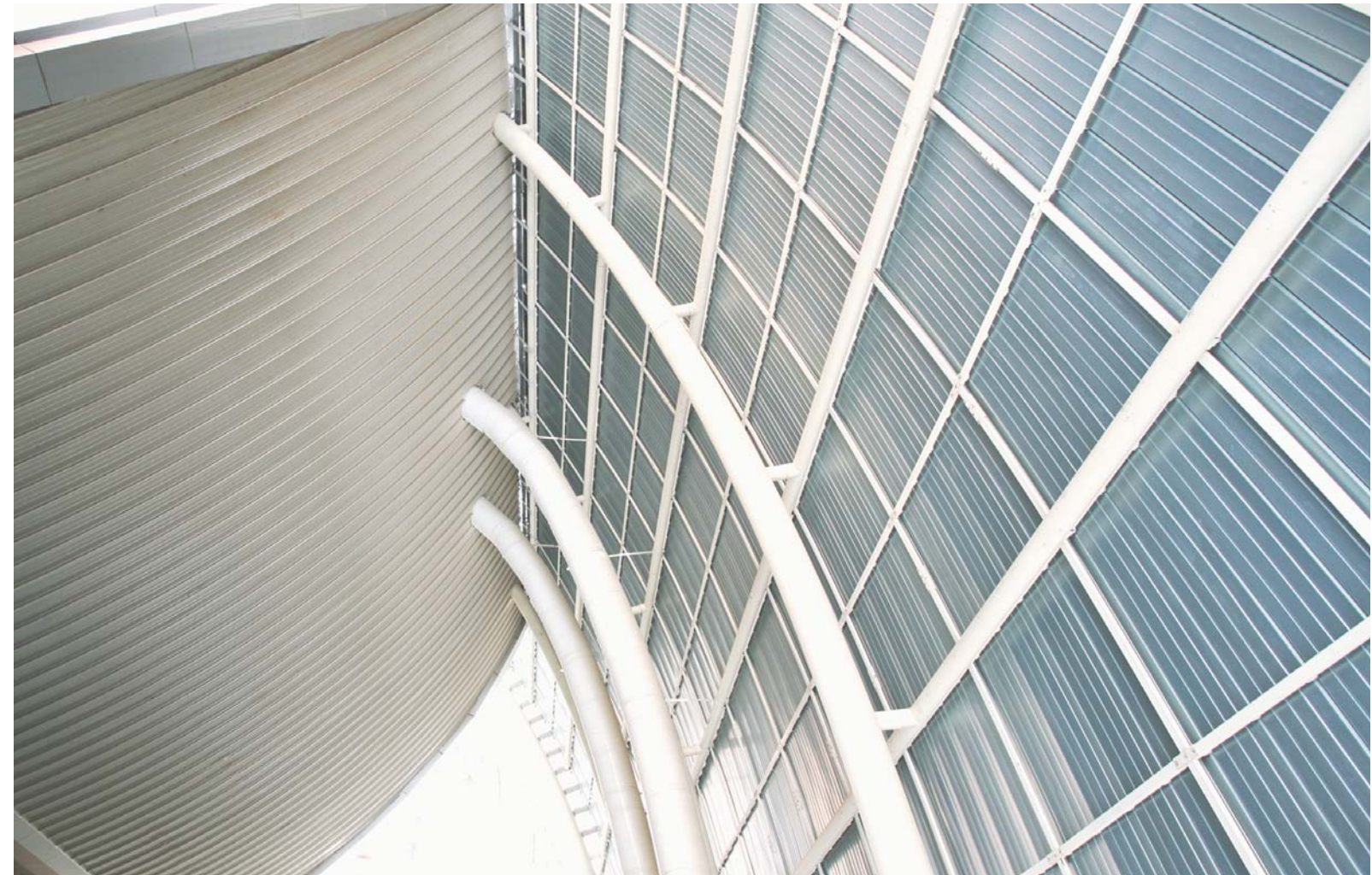
T-Seam® Clamps



T-Seam® Eave Filler Block



T-Seam® Ridge Filler Block



T-Seam roofing at CERT, Abu Dhabi.

T-Seam® Accessories

www.tiger-group.co.ae



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