

ALLCO ALLTHERM WARM ROOF DETAILS LIST

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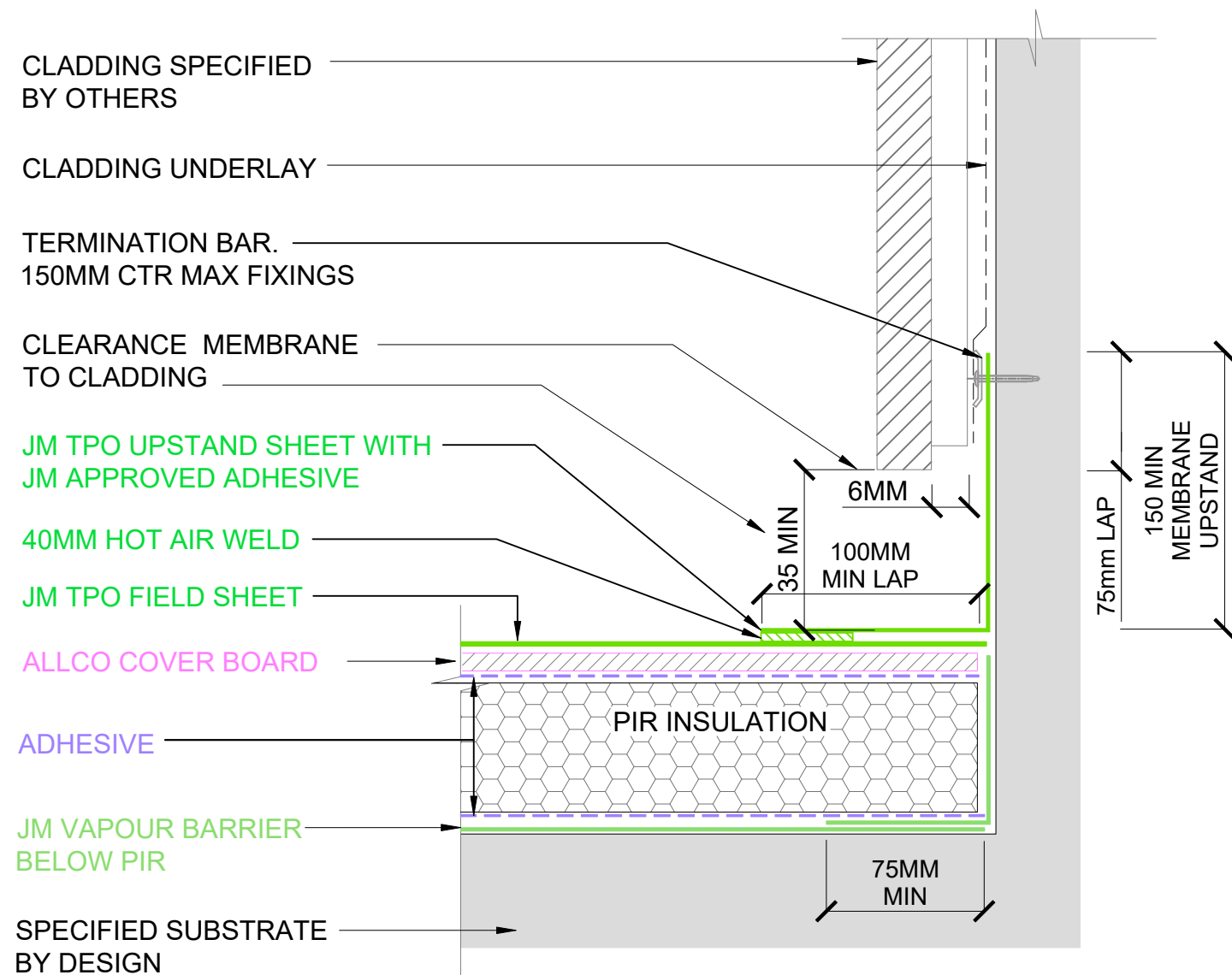
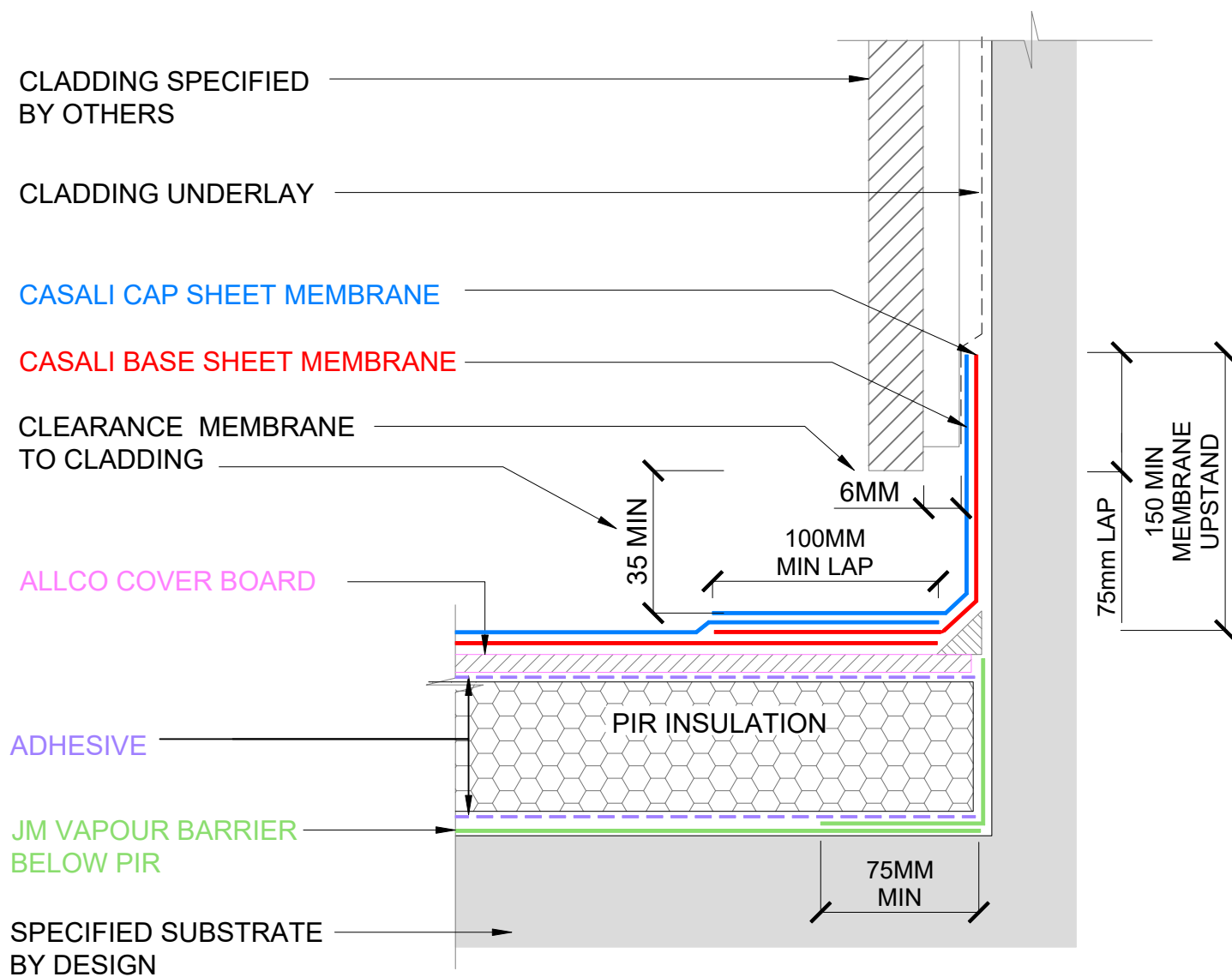


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WR-INDEX

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1

ALLCO ALLTHERM WARM ROOF - CASALI - UPSTAND / WALL CLADDING

SCALE: NTS

2

ALLCO ALLTHERM WARM ROOF - JM TPO - UPSTAND / WALL CLADDING

SCALE: NTS



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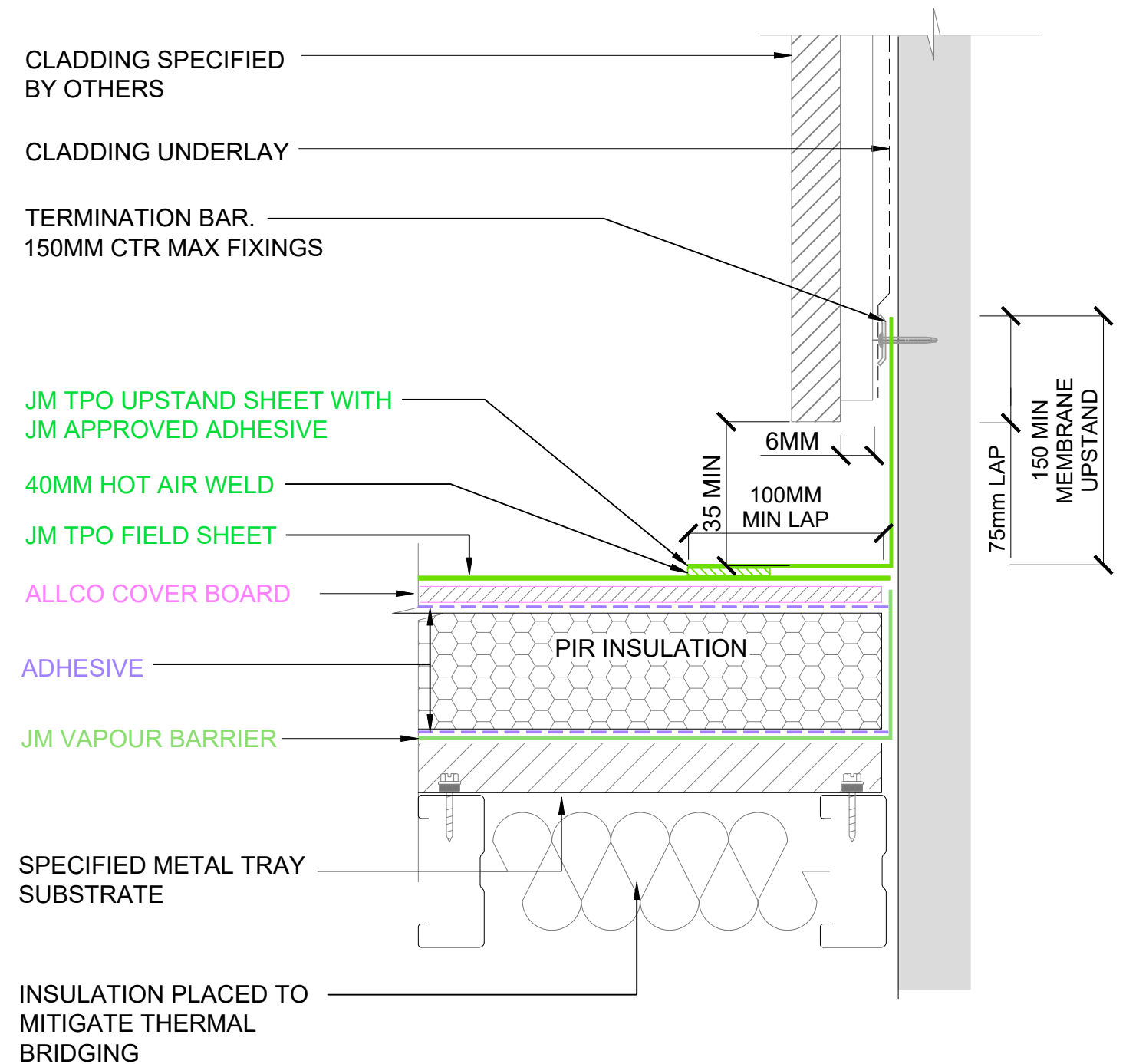
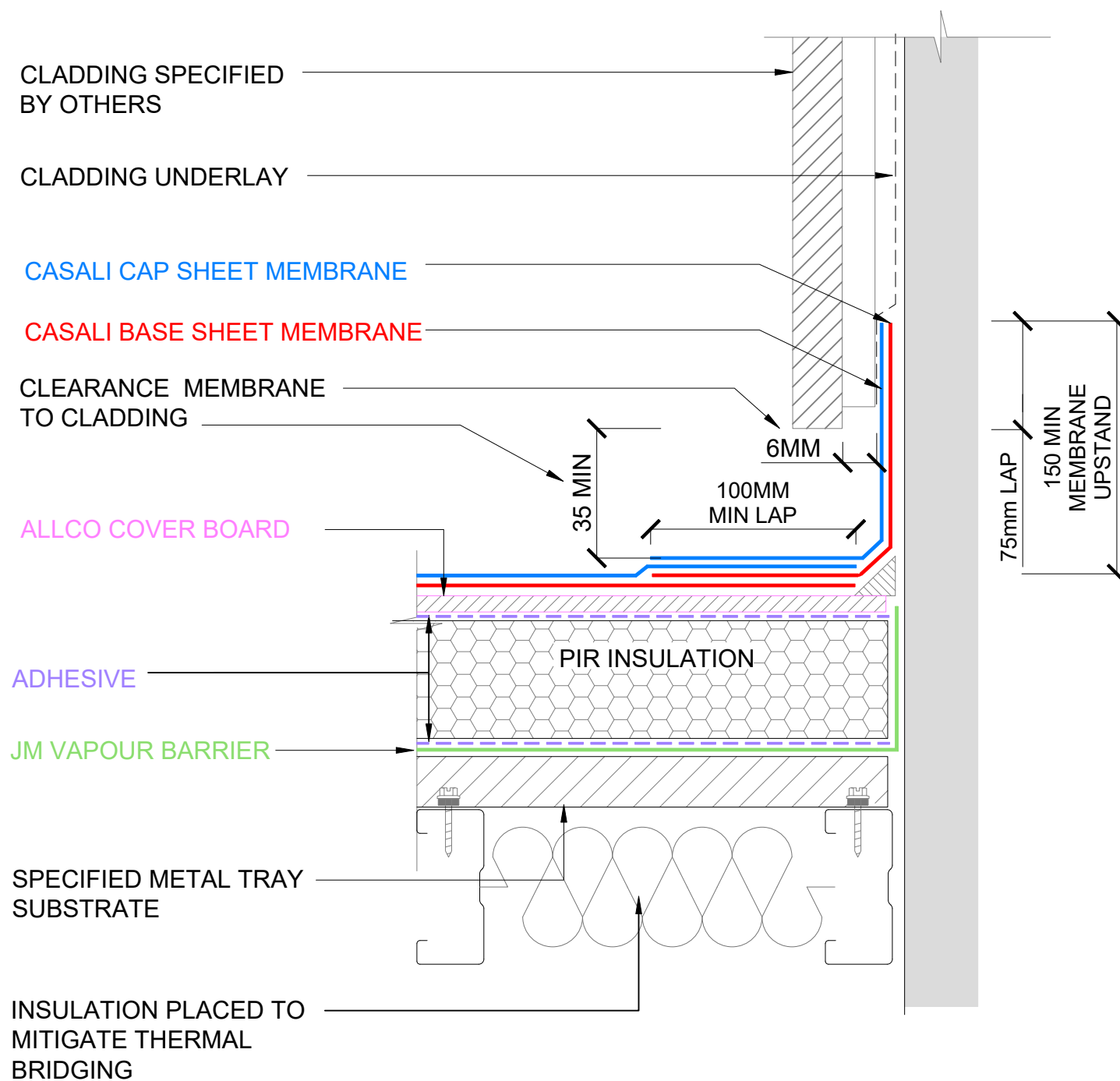


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1 ALLCO ALLTHERM WARM ROOF - CASALI - UPSTAND / WALL CLADDING

SCALE: NTS

METAL TRAY SUBSTRATE

2 ALLCO ALLTHERM WARM ROOF - JM TPO - UPSTAND / WALL CLADDING

SCALE: NTS

METAL TRAY SUBSTRATE



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CASALI CAP
SHEET MEMBRANE

CASALI BASE
SHEET MEMBRANE

ALLCO
COVER BOARD

ADHESIVE

JM VAPOUR BARRIER
BELOW PIR

SPECIFIED SUBSTRATE
BY DESIGN

300 MIN

50 MIN
FREEBOARD

100mm Min.

PIR
INSULATION

ALLCO ALLTHERM WARM ROOF
- CASALI GUTTER OULTET

1

SCALE: NTS

SEALANT AROUND
PENETRATION

300 MIN

40MM HOT AIR WELD

JM TPO FIELD SHEET

ALLCO
COVER BOARD

ADHESIVE

JM VAPOUR BARRIER
BELOW PIR

SPECIFIED SUBSTRATE
BY DESIGN

50 MIN
FREEBOARD

100mm Min.

PIR
INSULATION

ALLCO ALLTHERM WARM ROOF
- JM TPO GUTTER OULTET

2

SCALE: NTS

JM SINGLE PLY SEALING MASTIC PLACED
ON FLANGE PRIOR TO TPO LAP AND CLAMP

SEALANT AROUND
PENETRATION



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CASALI CAP
SHEET MEMBRANE

CASALI BASE
SHEET MEMBRANE

SECUROCK
COVER BOARD

ADHESIVE

JM VAPOUR BARRIER
BELOW PIR

SPECIFIED SUBSTRATE
BY DESIGN

300 MIN

50 MIN
FREEBOARD

100mm Min.

PIR
INSULATION

SEALANT AROUND
PENETRATION

1

ALLCO ALLTHERM WARM ROOF - CASALI GUTTER OULTET

SCALE: NTS

METAL TRAY
SUBSTRATE

40MM HOT AIR WELD

JM TPO FIELD SHEET

SECUROCK
COVER BOARD

ADHESIVE

JM VAPOUR BARRIER TO
METAL TRANSITION

SPECIFIED SUBSTRATE
BY DESIGN

300 MIN

50 MIN
FREEBOARD

100mm Min.

PIR
INSULATION

SEALANT AROUND
PENETRATION

2

ALLCO ALLTHERM WARM ROOF - JM TPO GUTTER OULTET

SCALE: NTS

METAL TRAY
SUBSTRATE

JM SINGLE PLY SEALING MASTIC PLACED
ON FLANGE PRIOR TO TPO LAP AND CLAMP



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NOTE
Z= VARIABLE ACCORDING TO WIND
ZONES, REFER TO NZBC E2 AS1 TABLE 7
(70mm TYPICAL)

PREFINISHED PARAPET FLASHING BY OTHERS

CASALI CAP SHEET
MEMBRANE

CASALI BASE SHEET
MEMBRANE

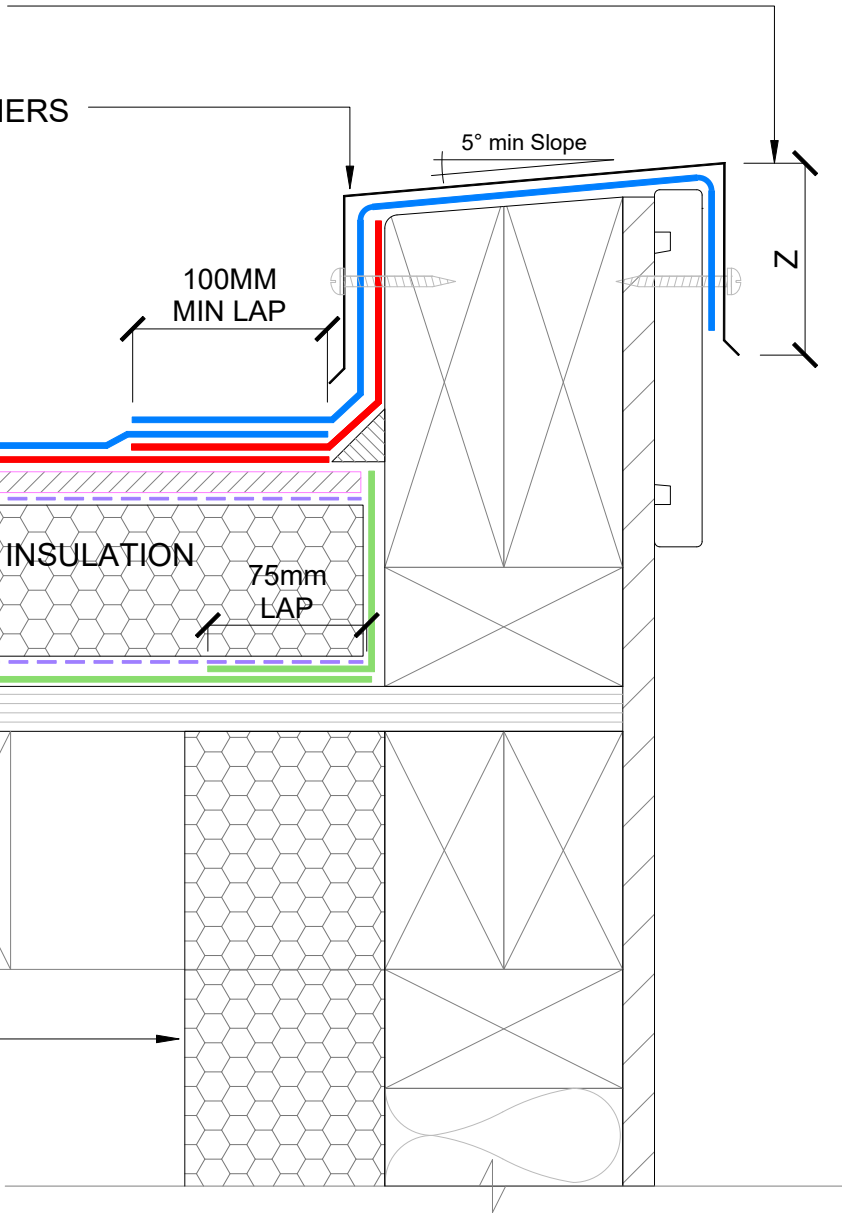
ALLCO
COVER BOARD

ADHESIVE

JM VAPOUR BARRIER
BELOW PIR

SPECIFIED SUBSTRATE
BY DESIGN

PIR INSULATION CAN BE
USED HERE TO CLOSE
THERMAL BREAK



JM TPO UPSTAND SHEET WITH
JM APPROVED ADHESIVE

40MM HOT AIR WELD

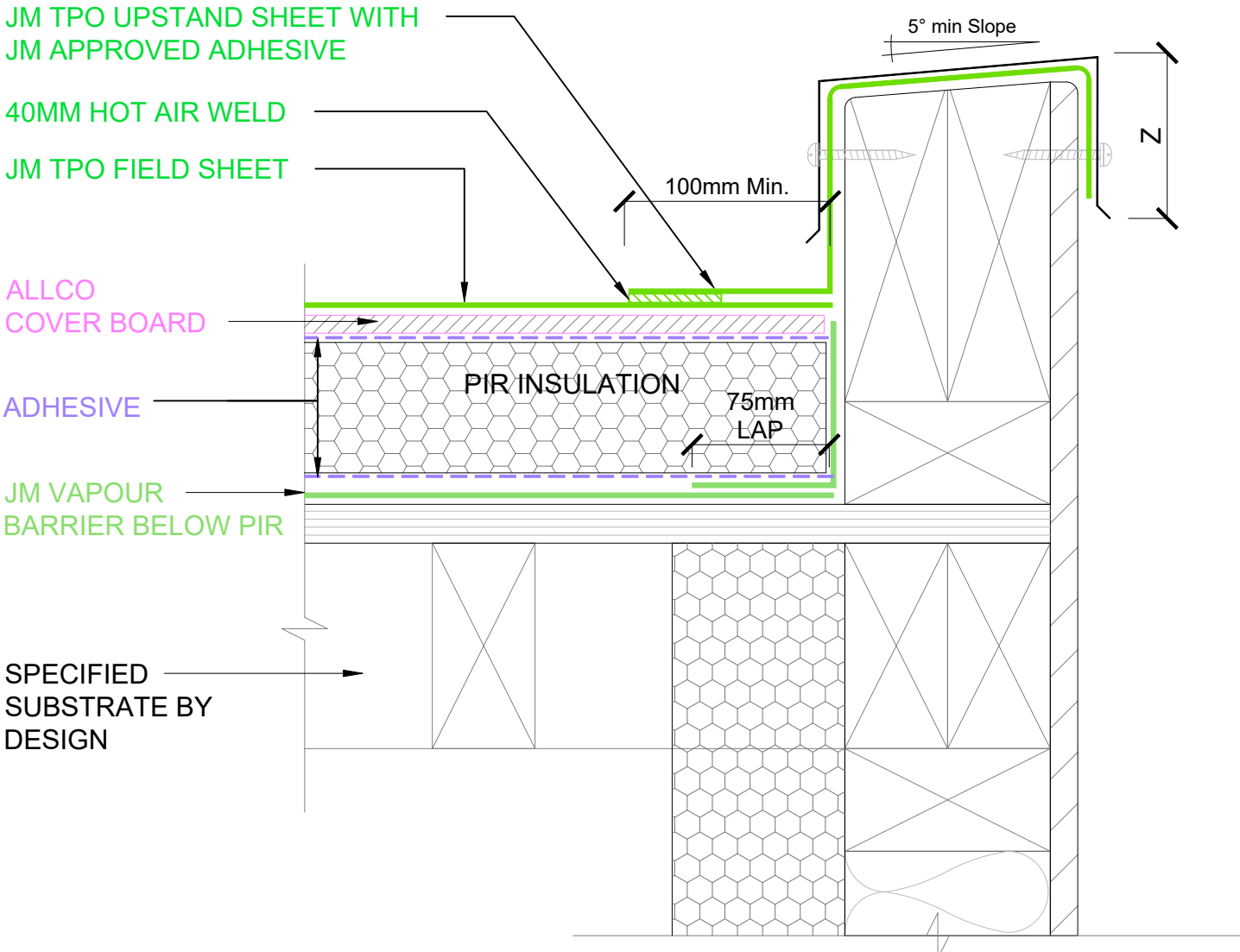
JM TPO FIELD SHEET

ALLCO
COVER BOARD

ADHESIVE

JM VAPOUR
BARRIER BELOW PIR

SPECIFIED
SUBSTRATE BY
DESIGN



1

ALLCO ALLTHERM WARM ROOF - CASALI - PARAPET DETAIL

SCALE: NTS

2

ALLCO ALLTHERM WARM ROOF - JM TPO - PARAPET DETAIL

SCALE: NTS



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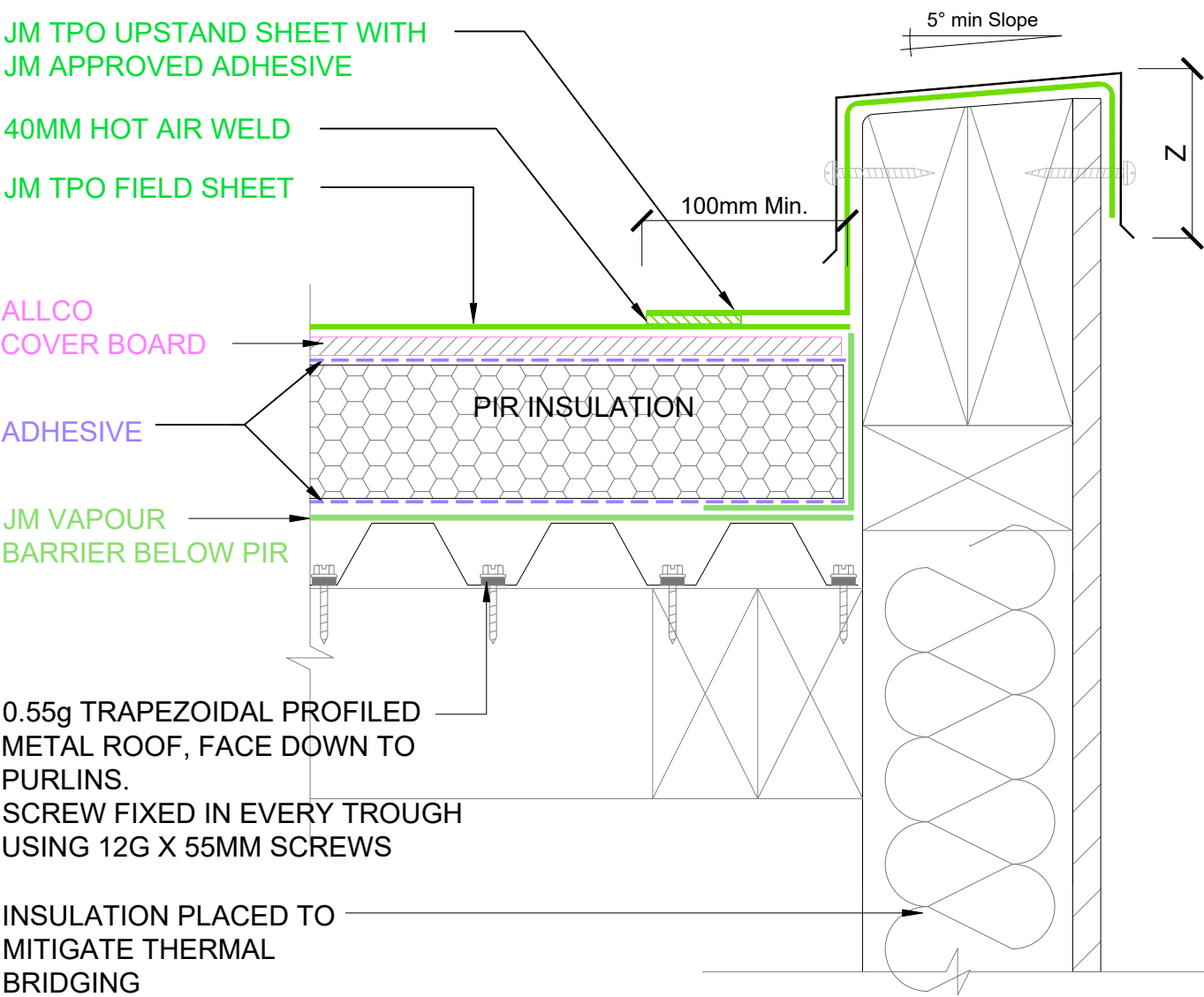
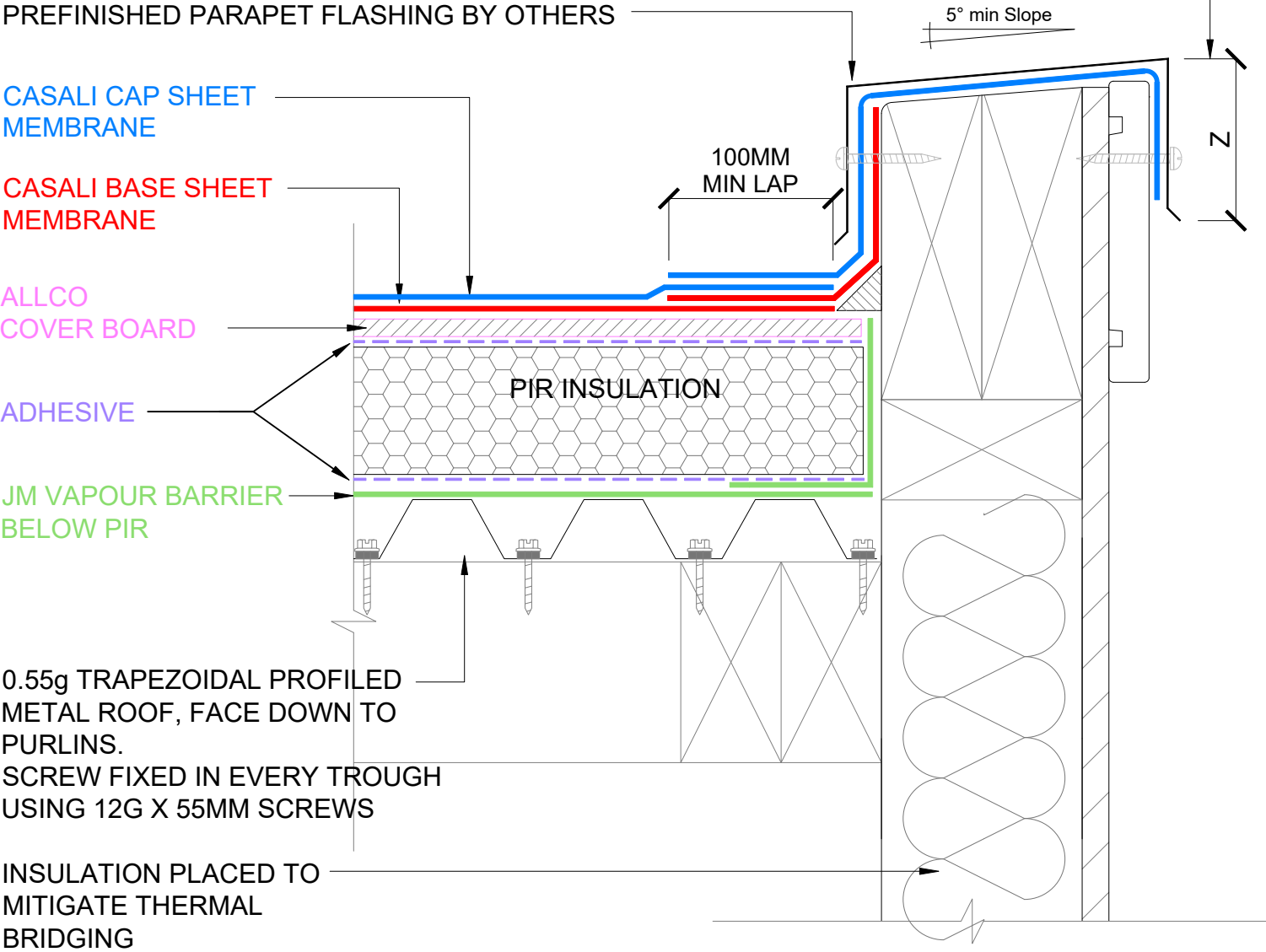
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2

NOTE
Z= VARIABLE ACCORDING TO WIND
ZONES, REFER TO NZBC E2 AS1 TABLE 7
(70mm TYPICAL)



1 ALLCO ALLTHERM WARM ROOF - CASALI - PARAPET DETAIL
SCALE: NTS
METAL TRAY SUBSTRATE

2 ALLCO ALLTHERM WARM ROOF - JM TPO - PARAPET DETAIL
SCALE: NTS
METAL TRAY SUBSTRATE

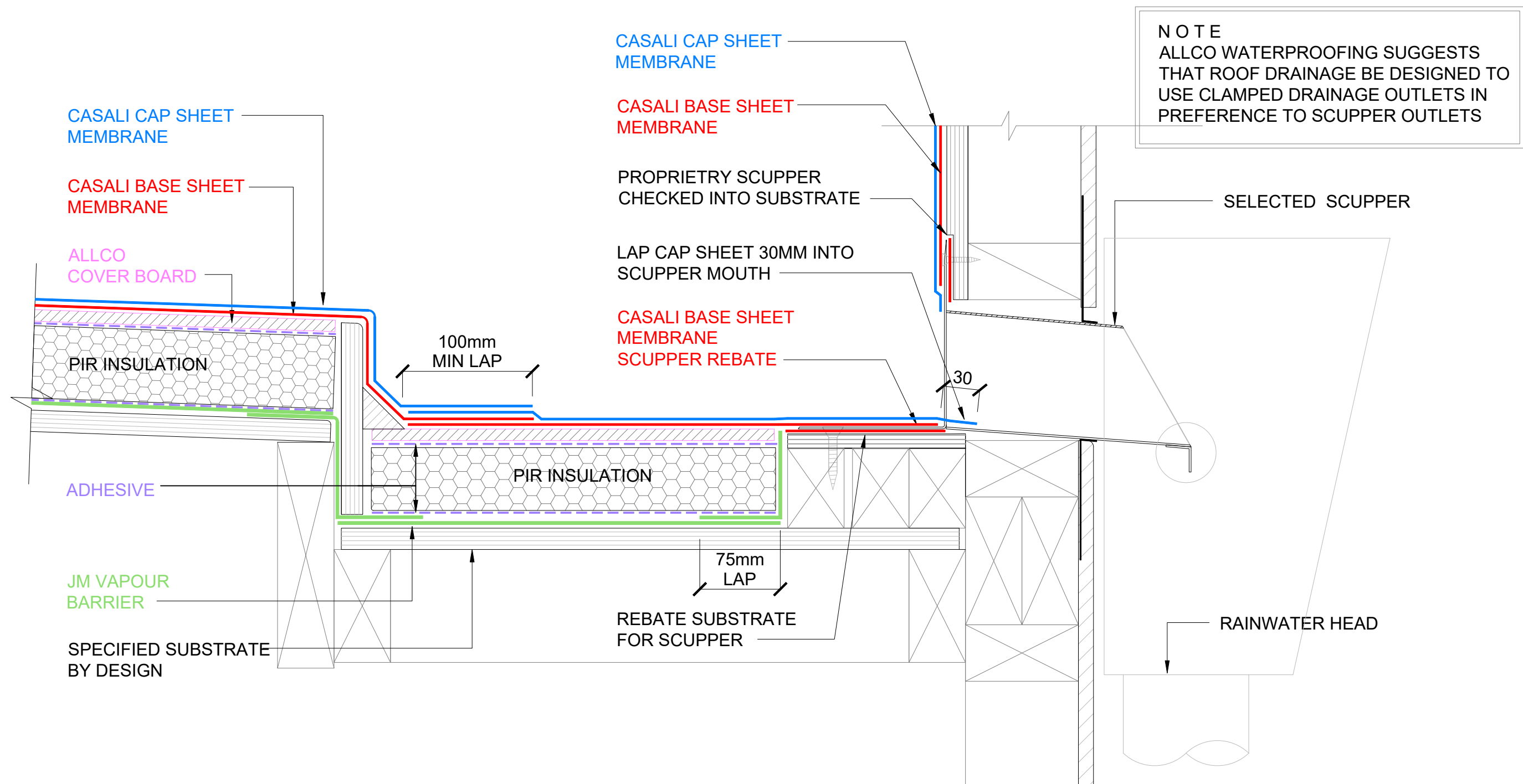


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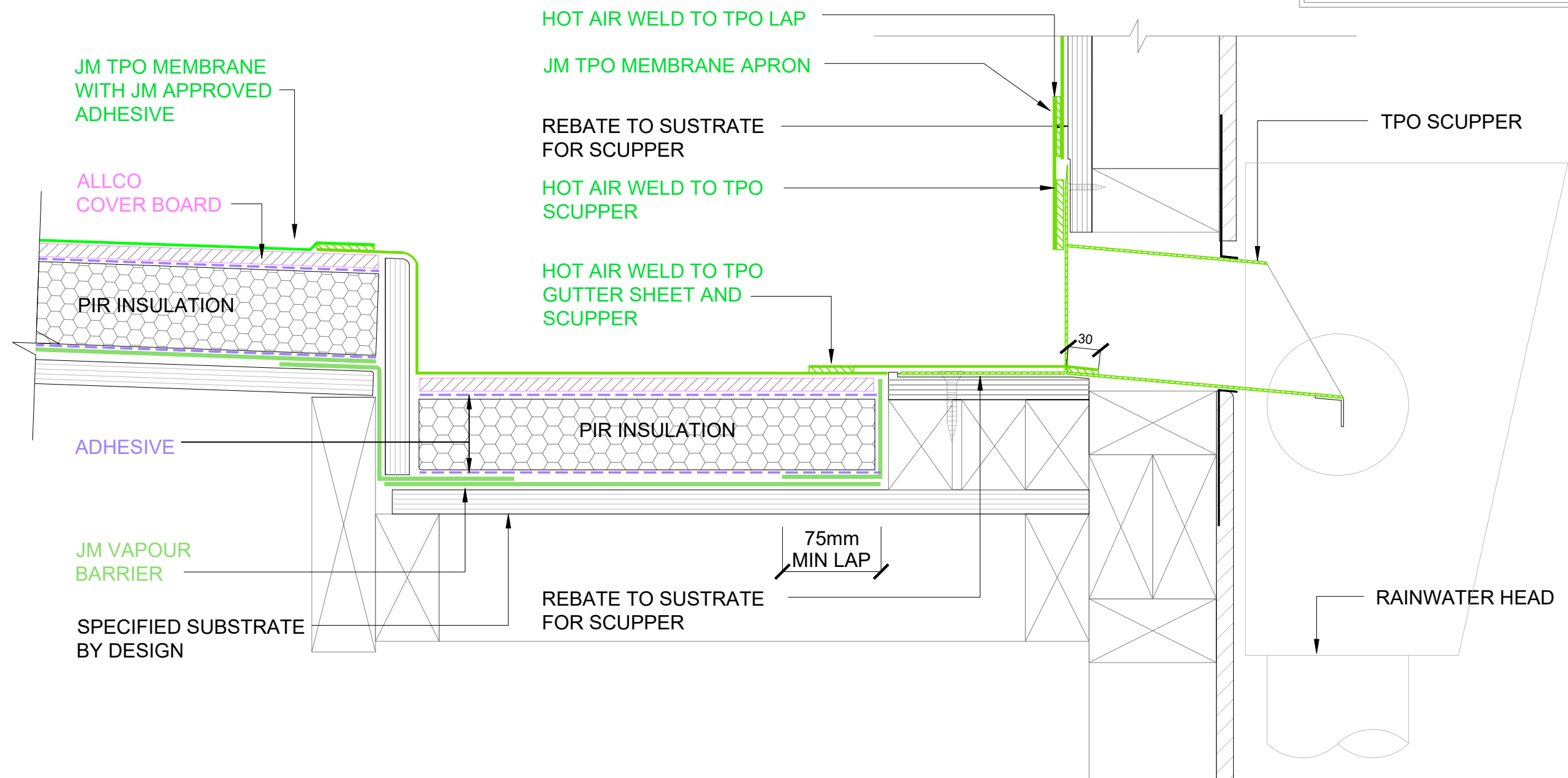


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1 ALLCO ALLTHERM WARM ROOF - CASALI - PARAPET / SCUPPER
SCALE: NTS

NOTE
ALLCO WATERPROOFING SUGGESTS
THAT ROOF DRAINAGE BE DESIGNED TO
USE CLAMPED DRAINAGE OUTLETS IN
PREFERENCE TO SCUPPER OUTLETS



1 ALLCO ALLTHERM WARM ROOF - JM TPO - PARAPET / SCUPPER
SCALE: NTS

CASALI CAP SHEET
MEMBRANE

CASALI BASE SHEET
MEMBRANE

ALLCO
COVER BOARD

PIR INSULATION

ADHESIVE

JM VAPOUR
BARRIER

SPECIFIED SUBSTRATE
BY DESIGN

INSULATION PLACED TO
MITIGATE THERMAL
BRIDGING

CASALI CAP SHEET
MEMBRANE

CASALI BASE SHEET
MEMBRANE

PROPRIETARY SCUPPER
CHECKED INTO SUBSTRATE

LAP CAP SHEET 30MM INTO
SCUPPER MOUTH

CASALI BASE SHEET
MEMBRANE
SCUPPER REBATE

100mm
MIN LAP

PIR INSULATION

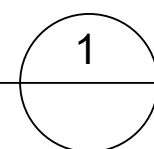
75mm
MIN LAP

30

NOTE
ALLCO WATERPROOFING SUGGESTS
THAT ROOF DRAINAGE BE DESIGNED TO
USE CLAMPED DRAINAGE OUTLETS IN
PREFERENCE TO SCUPPER OUTLETS

SELECTED SCUPPER

RAINWATER HEAD



ALLCO ALLTHERM WARM ROOF - CASALI - PARAPET / SCUPPER

SCALE: NTS



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2

JM TPO MEMBRANE
WITH JM APPROVED
ADHESIVE

ALLCO
COVER BOARD

PIR INSULATION

ADHESIVE

JM VAPOUR BARRIER

SPECIFIED SUBSTRATE
BY DESIGN

INSULATION PLACED TO
MITIGATE THERMAL
BRIDGING

HOT AIR WELD TO TPO LAP

JM TPO MEMBRANE APRON

REBATE TO SUSTRATE FOR
TPO SCUPPER

HOT AIR WELD TO TPO
SCUPPER

HOT AIR WELD TO TPO
GUTTER SHEET AND SCUPPER

PIR INSULATION

TPO SCUPPER

RAINWATER HEAD

NOTE
ALLCO WATERPROOFING SUGGESTS
THAT ROOF DRAINAGE BE DESIGNED TO
USE CLAMPED DRAINAGE OUTLETS IN
PREFERENCE TO SCUPPER OUTLETS

1

ALLCO ALLTHERM WARM ROOF - JM TPO - PARAPET / SCUPPER

SCALE: NTS

METAL SUBSTRATE



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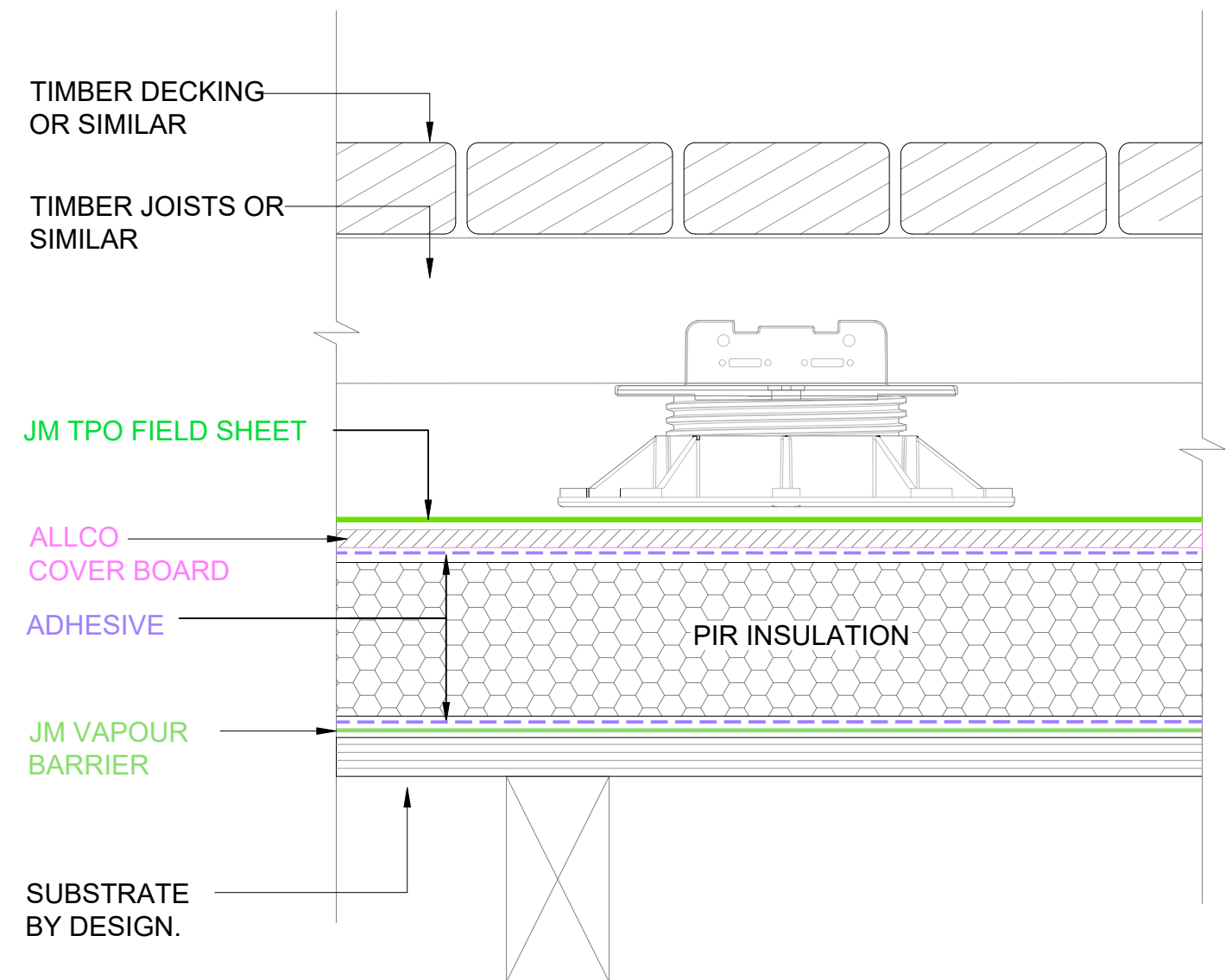
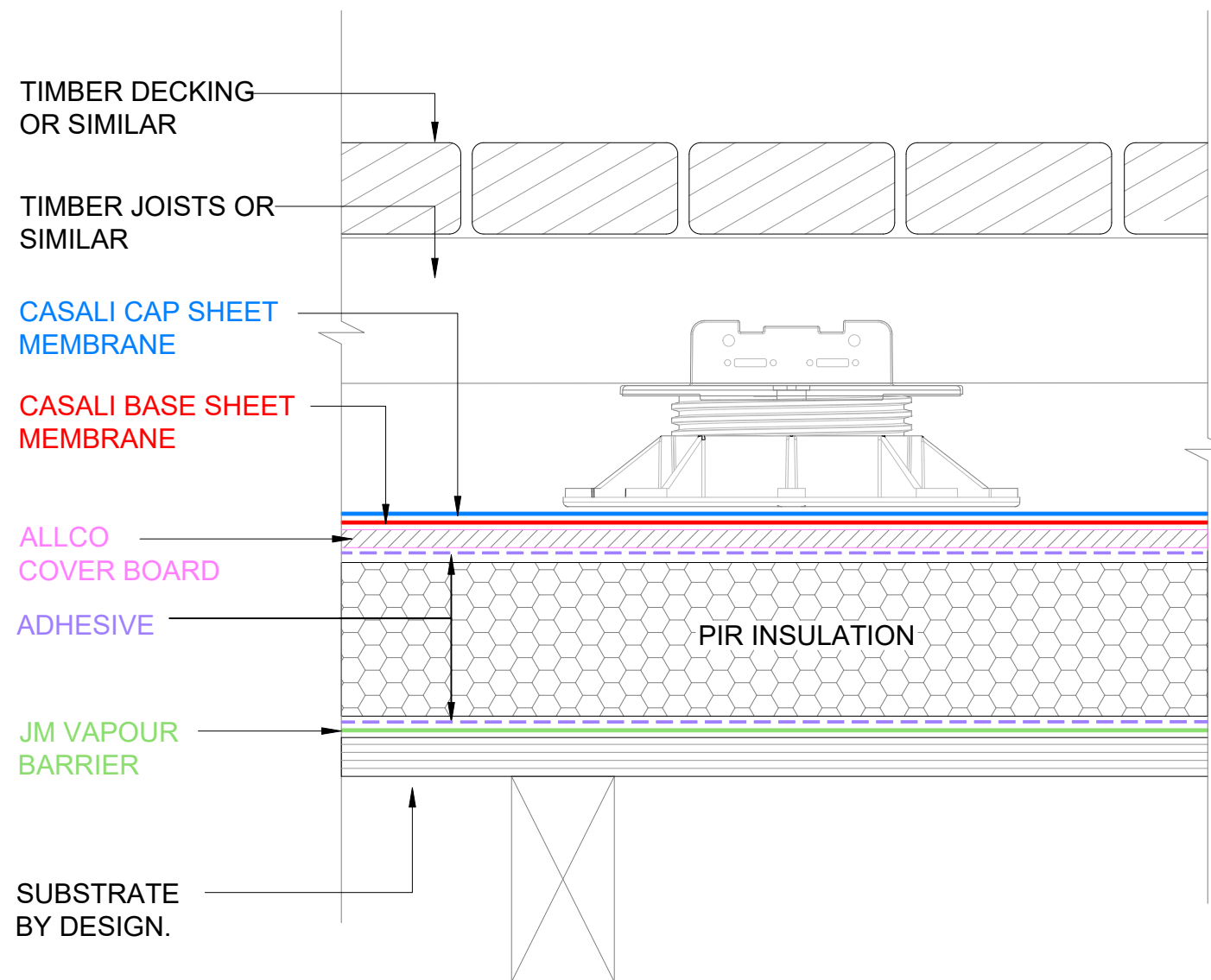


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2



1

ALLCO ALLTHERM WARM ROOF - CASALI - FLOATING DECK

SCALE: NTS

2

ALLCO ALLTHERM WARM ROOF - JM TPO - FLOATING DECK

SCALE: NTS



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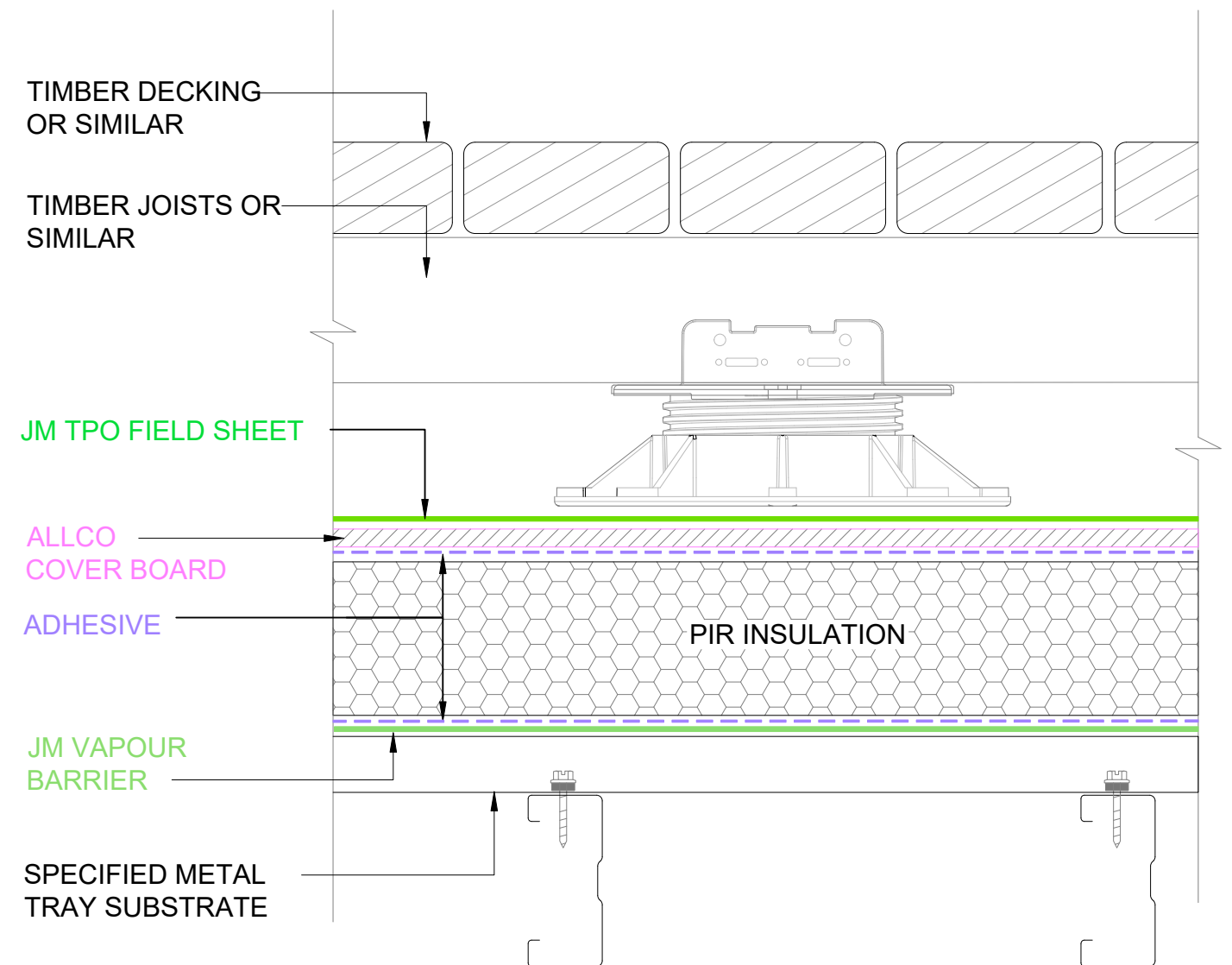
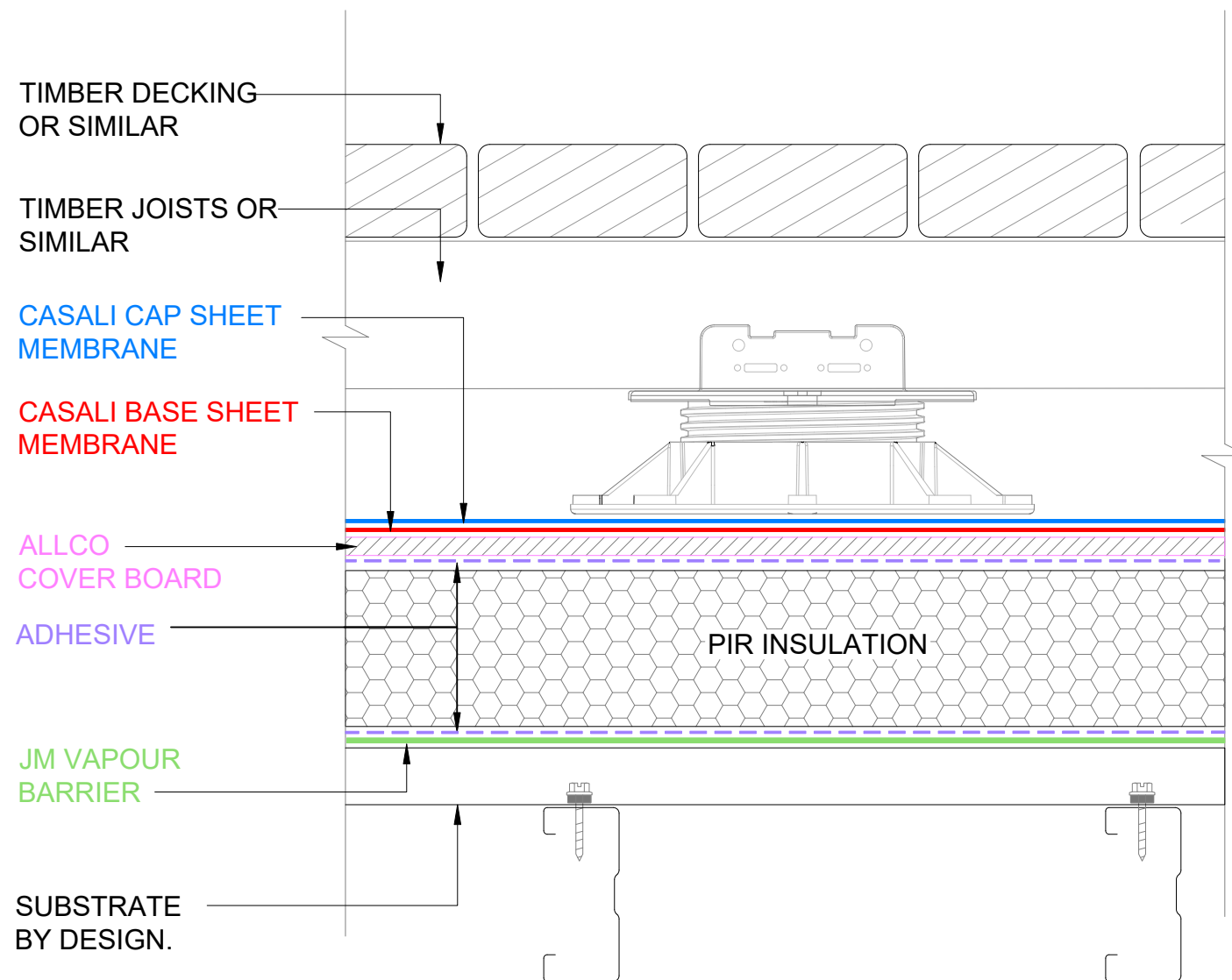


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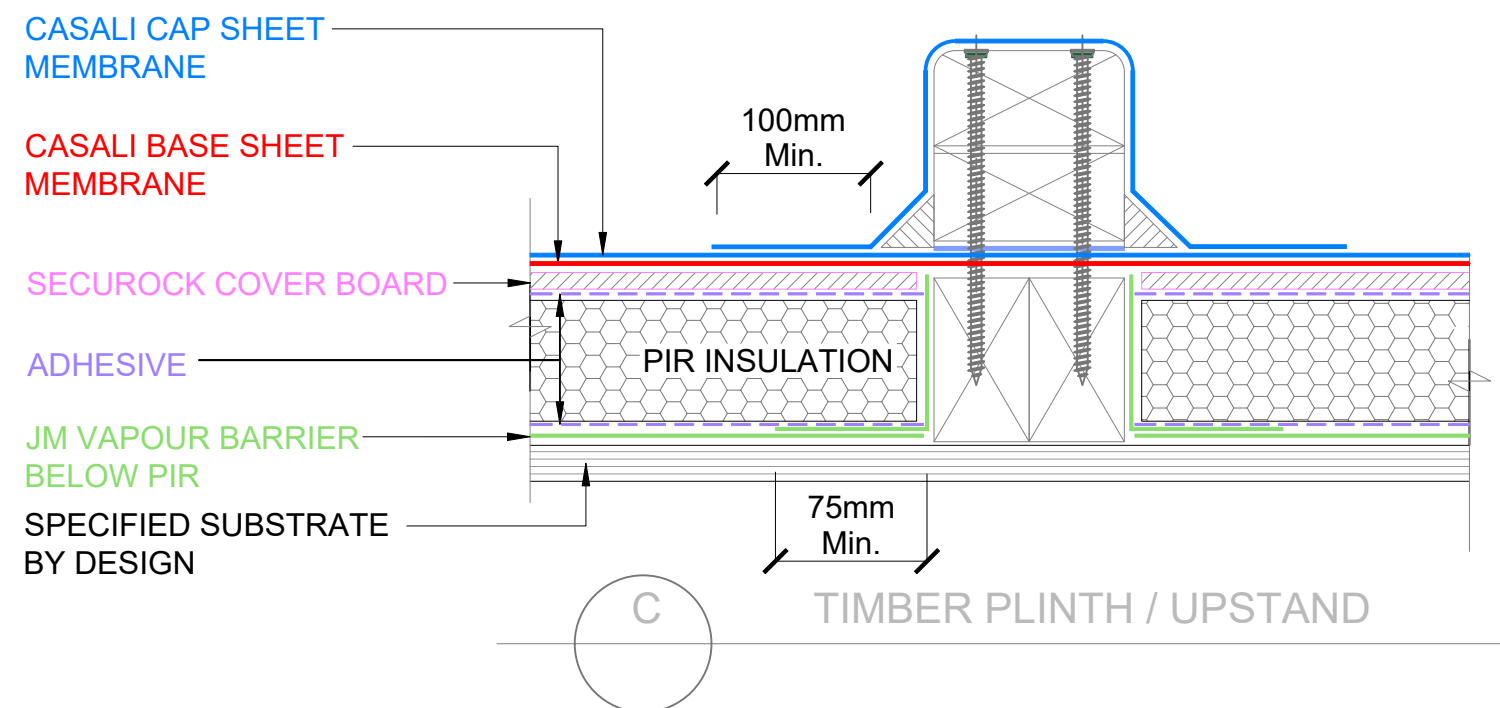
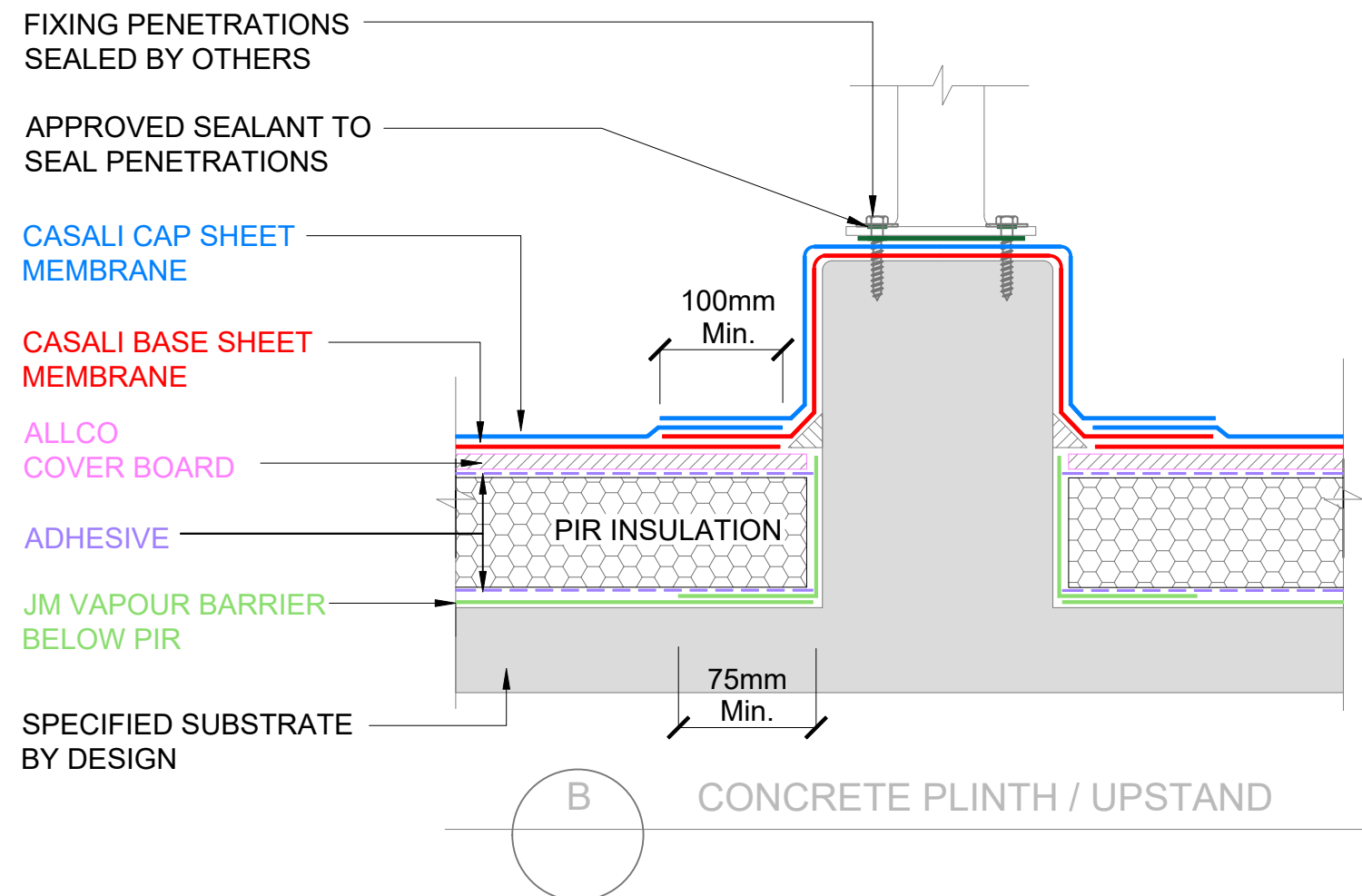
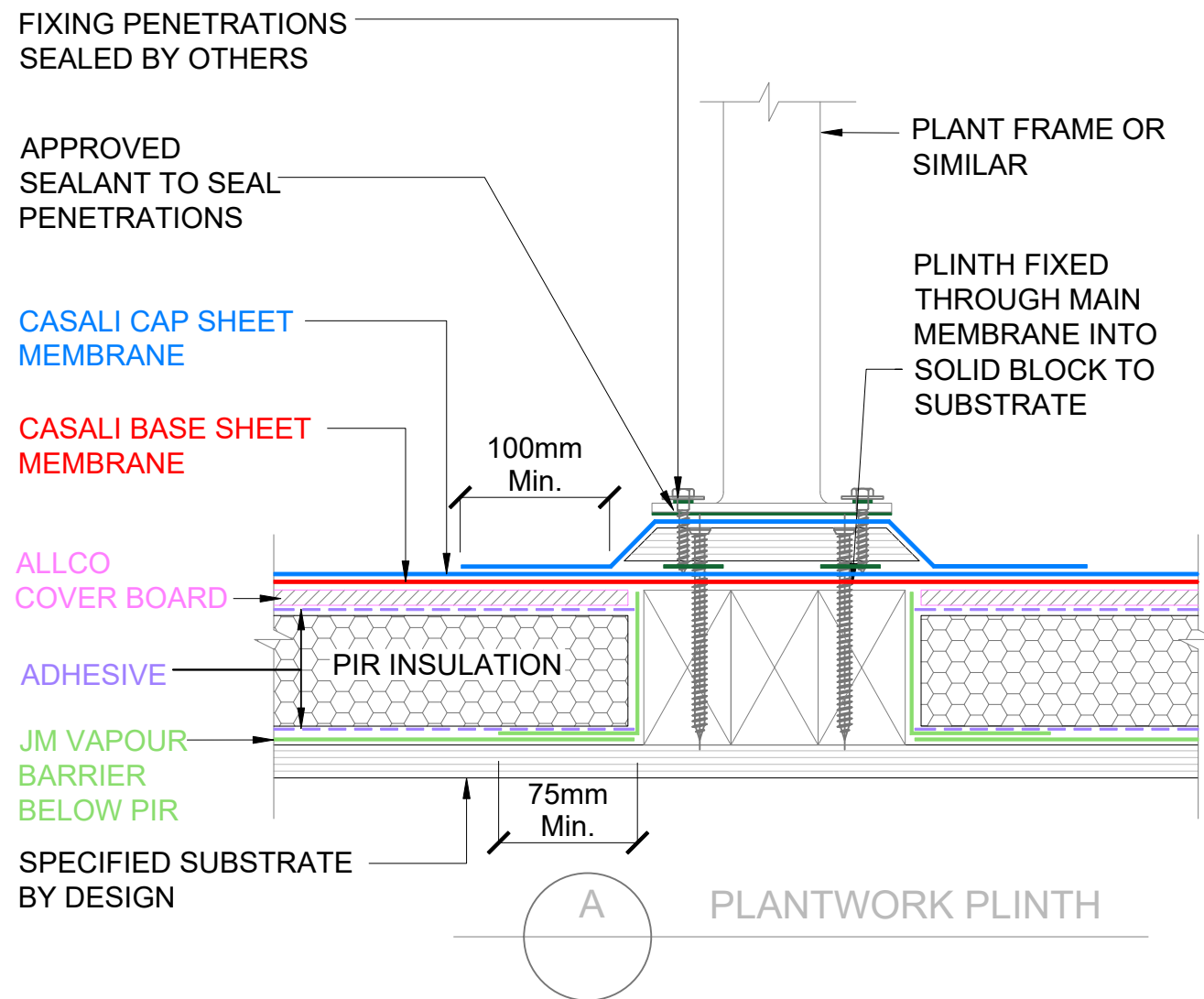
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2



1 ALLCO ALLTHERM WARM ROOF - CASALI - FLOATING DECK
SCALE: NTS METAL TRAY SUBSTRATE

2 ALLCO ALLTHERM WARM ROOF - JM TPO - FLOATING DECK
SCALE: NTS METAL TRAY SUBSTRATE



1 ALLCO ALLTHERM WARM ROOF - CASALI - PLANTWORK FIXING PLINTHS

SCALE: NTS

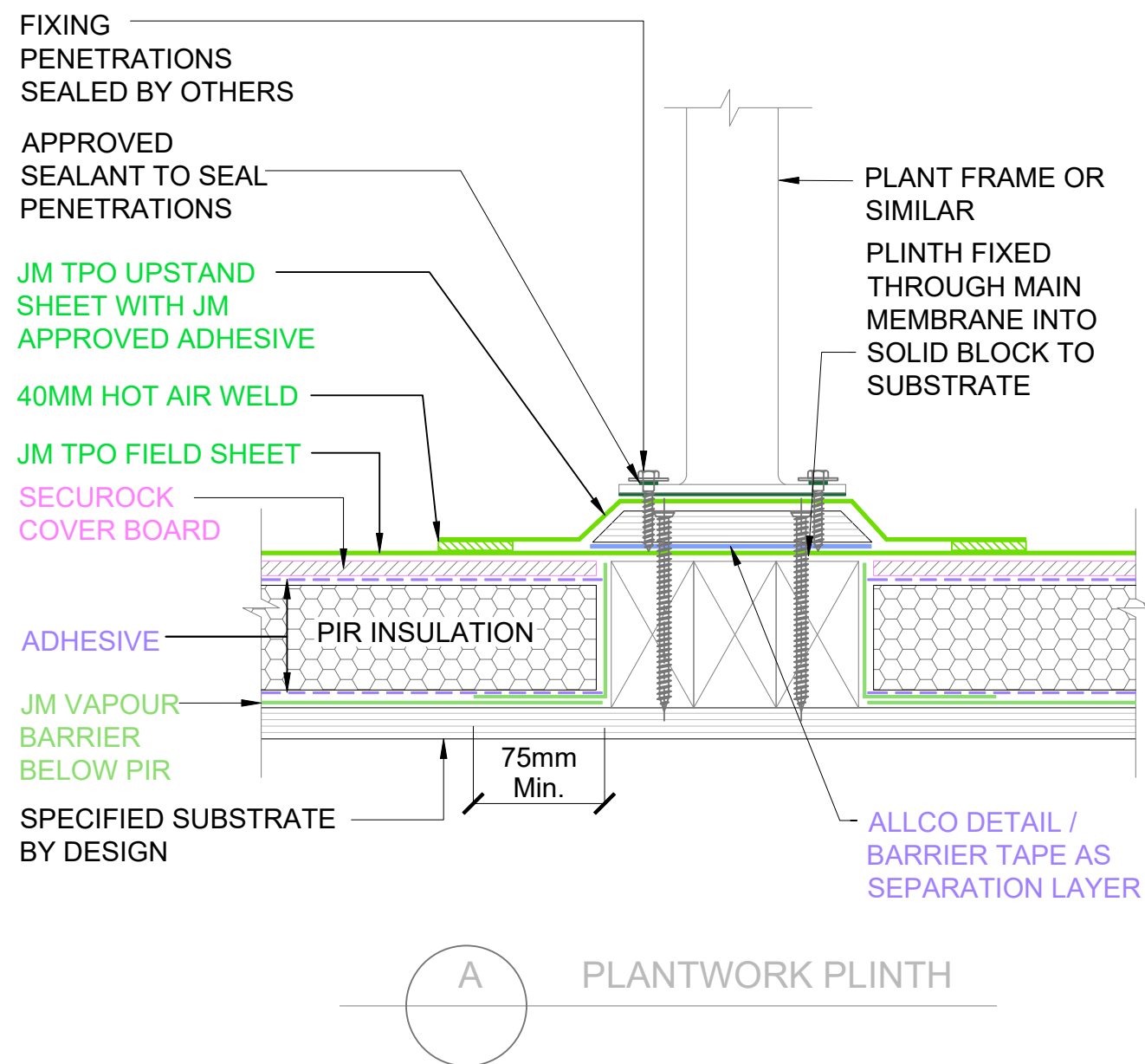


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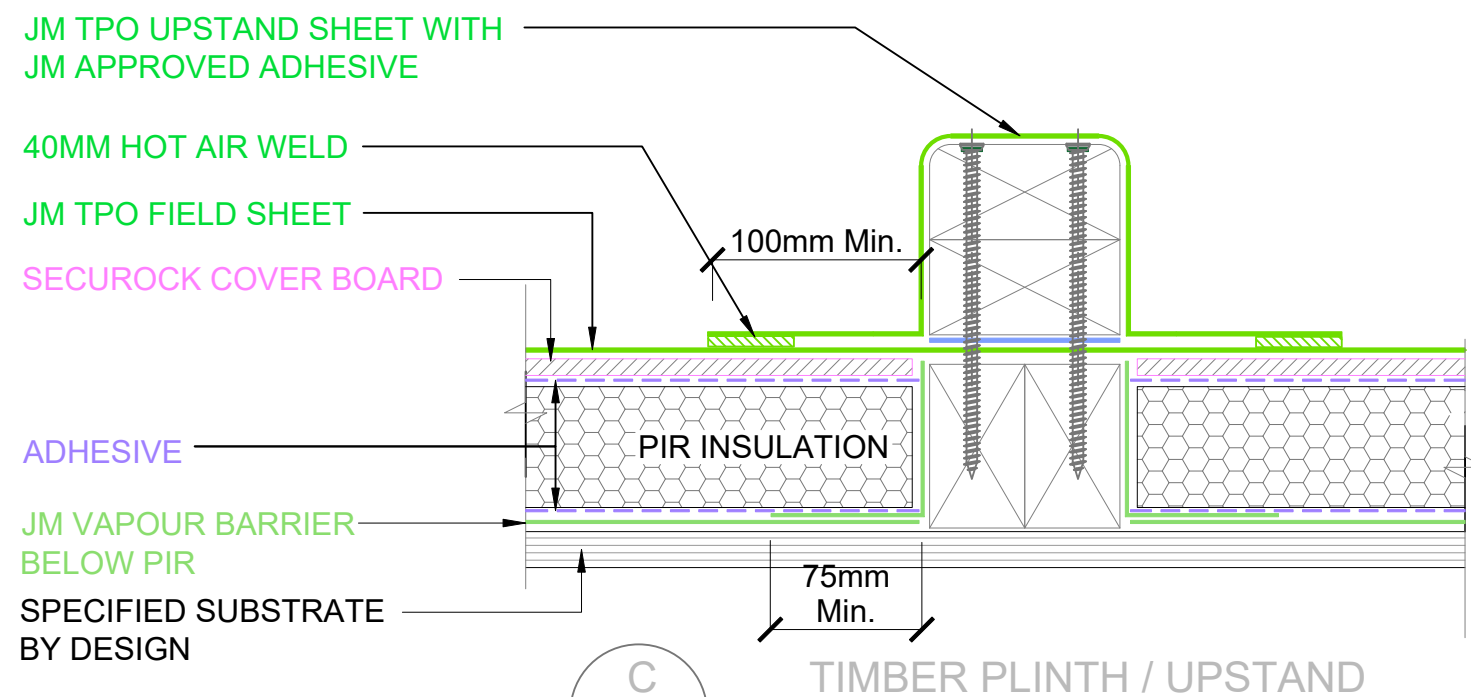
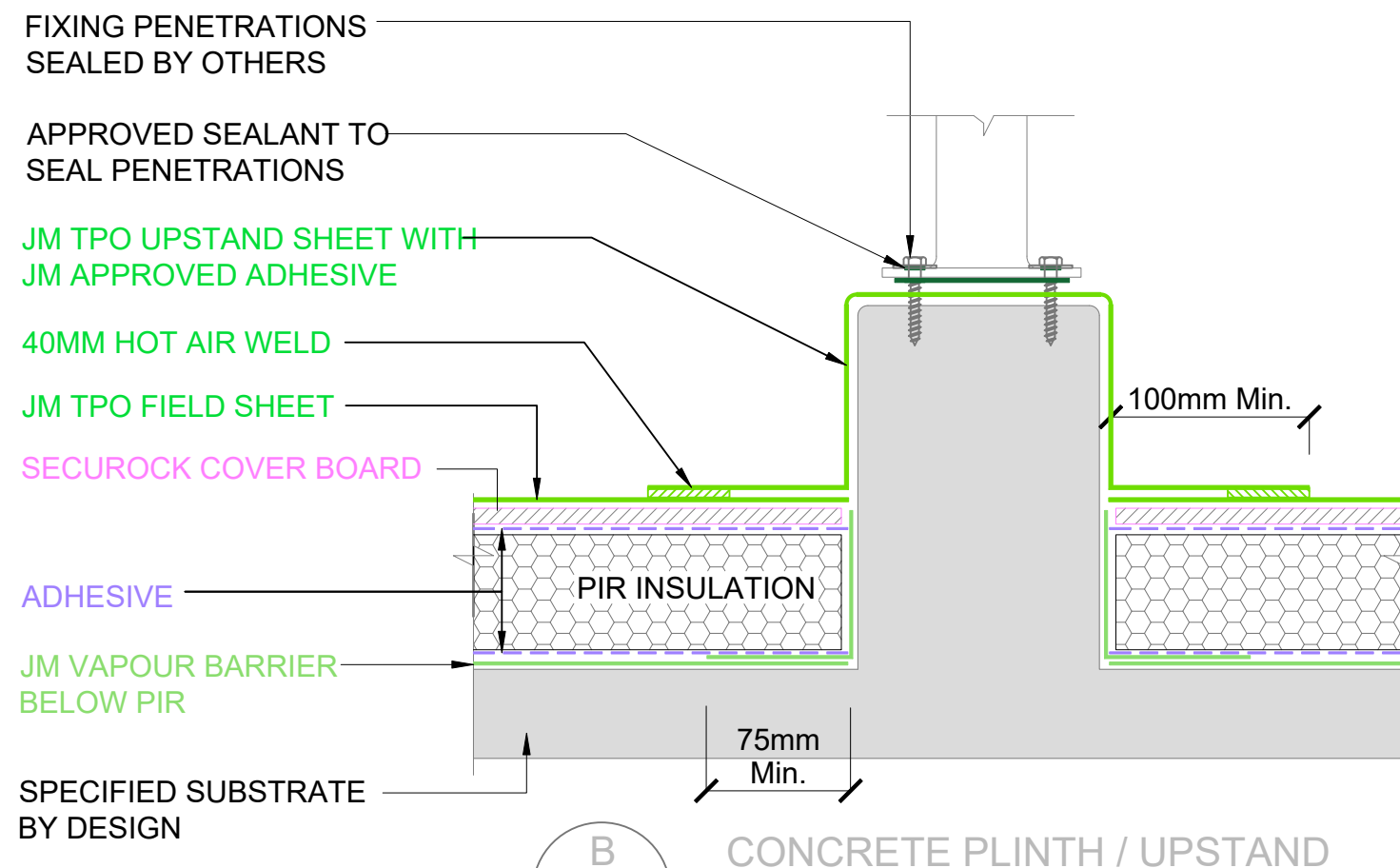


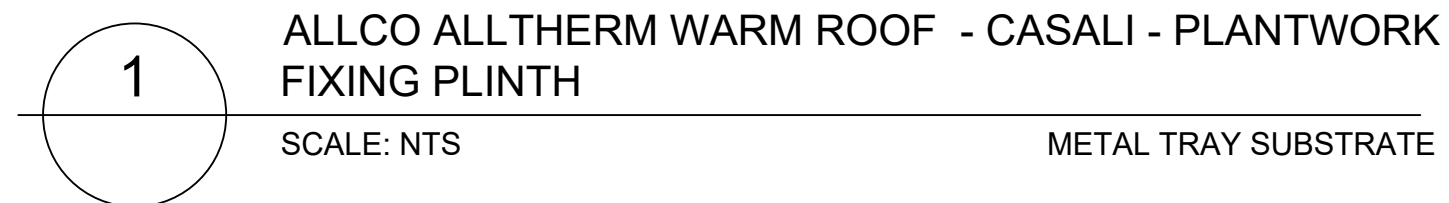
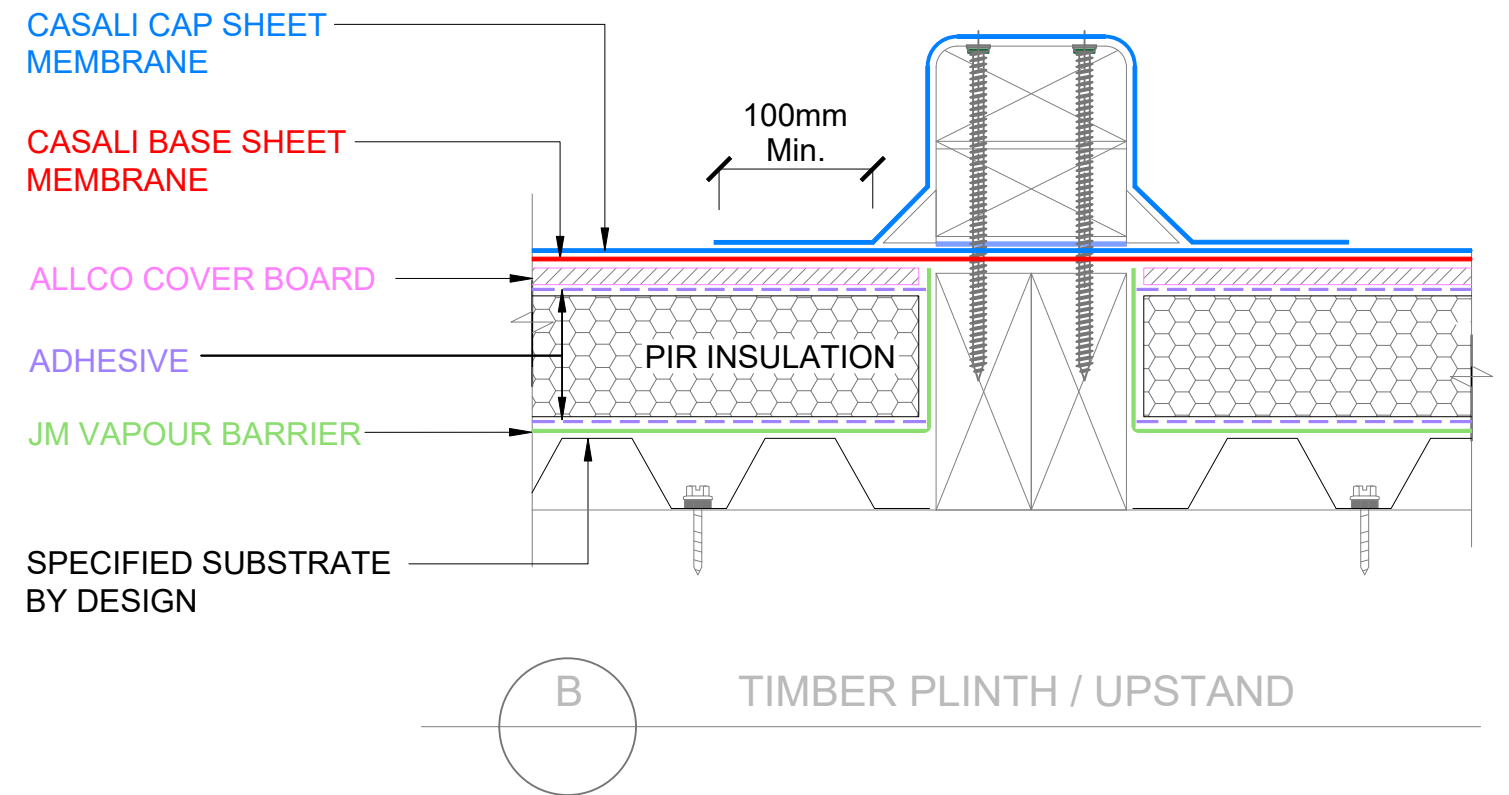
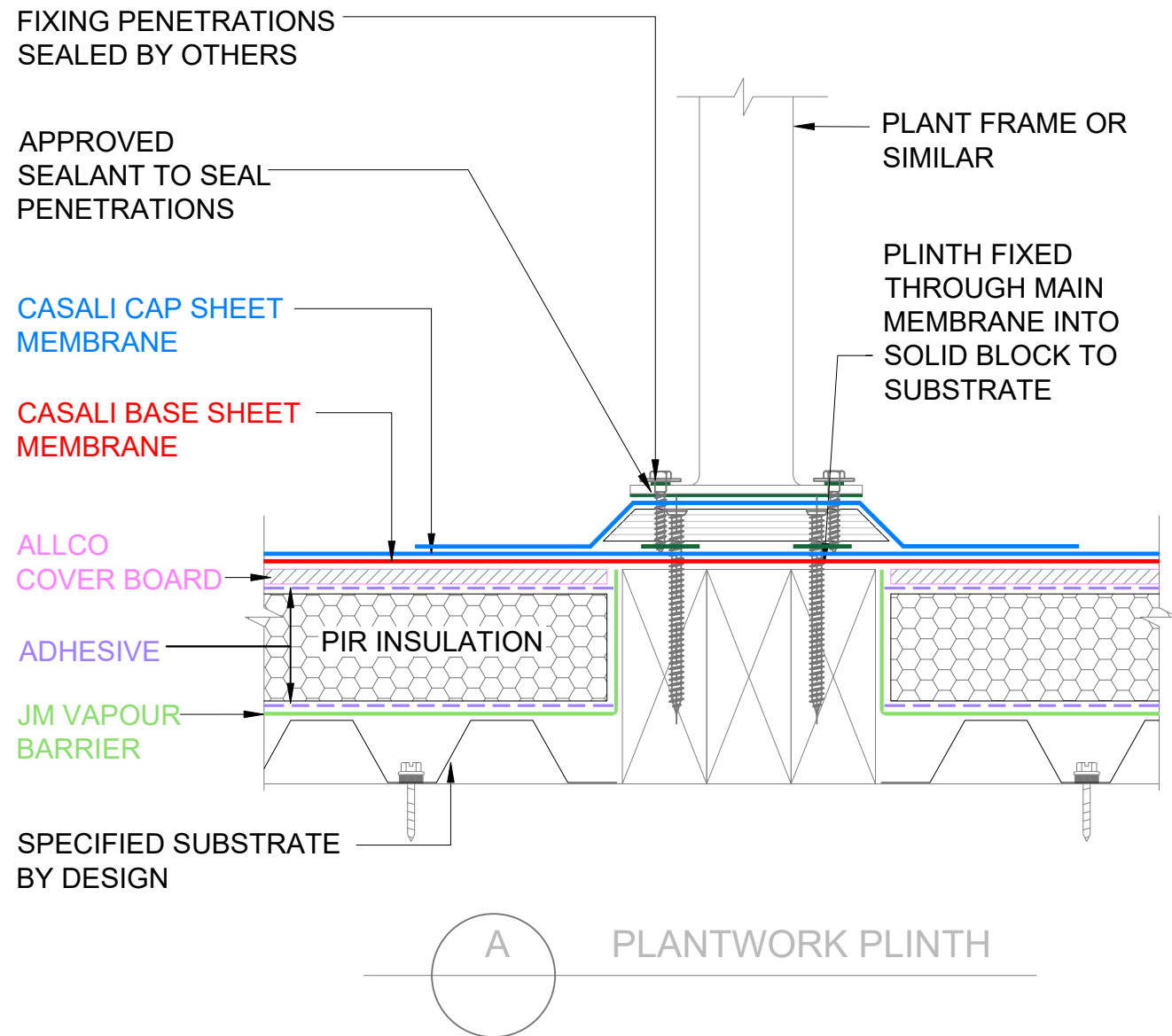
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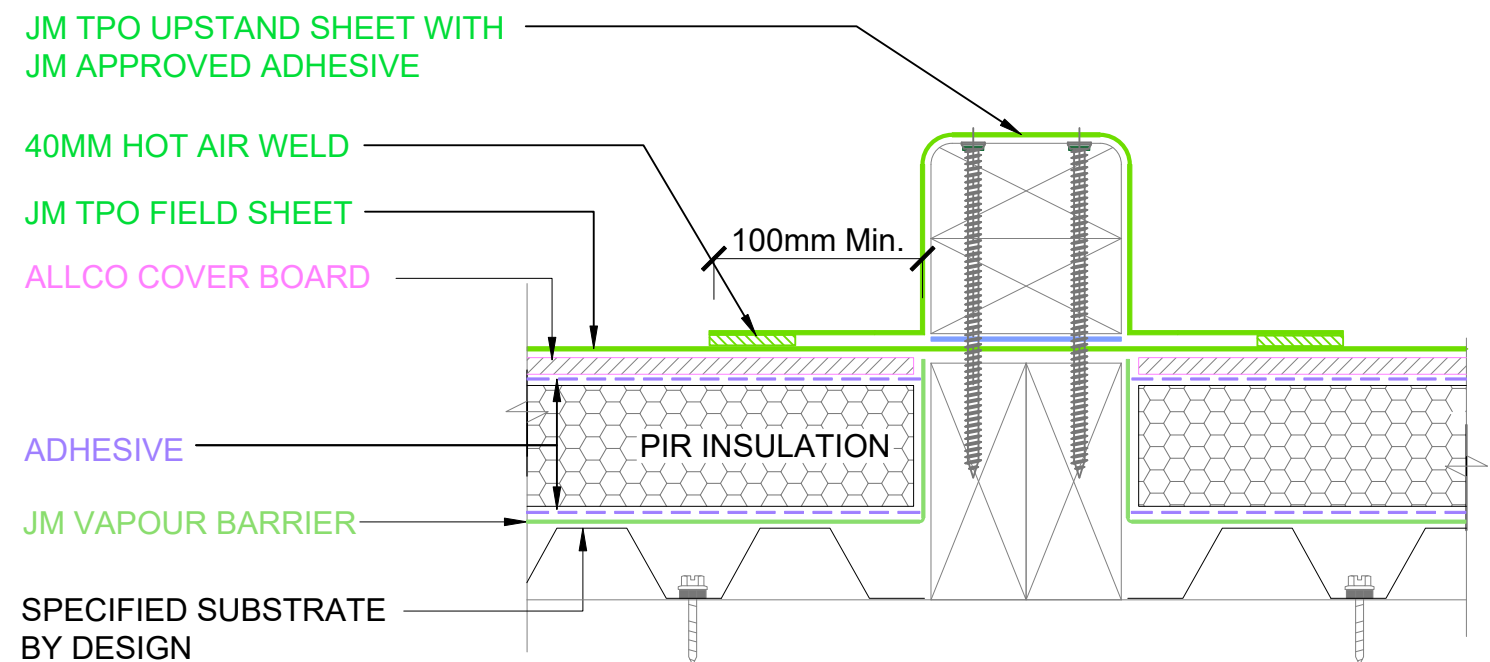
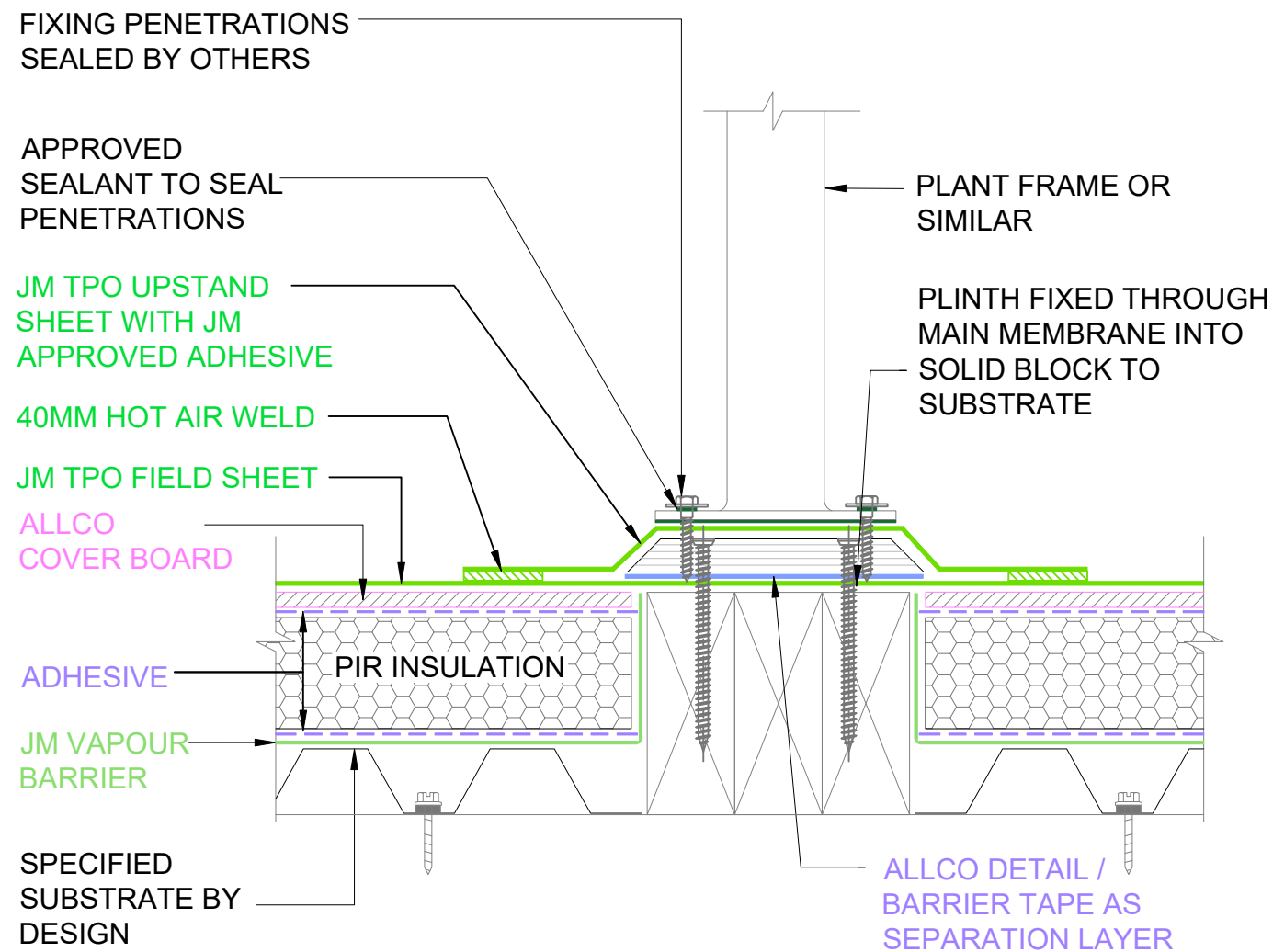


ALLCO ALLTHERM WARM ROOF - JM TPO - PLANTWORK FIXING PLINTH

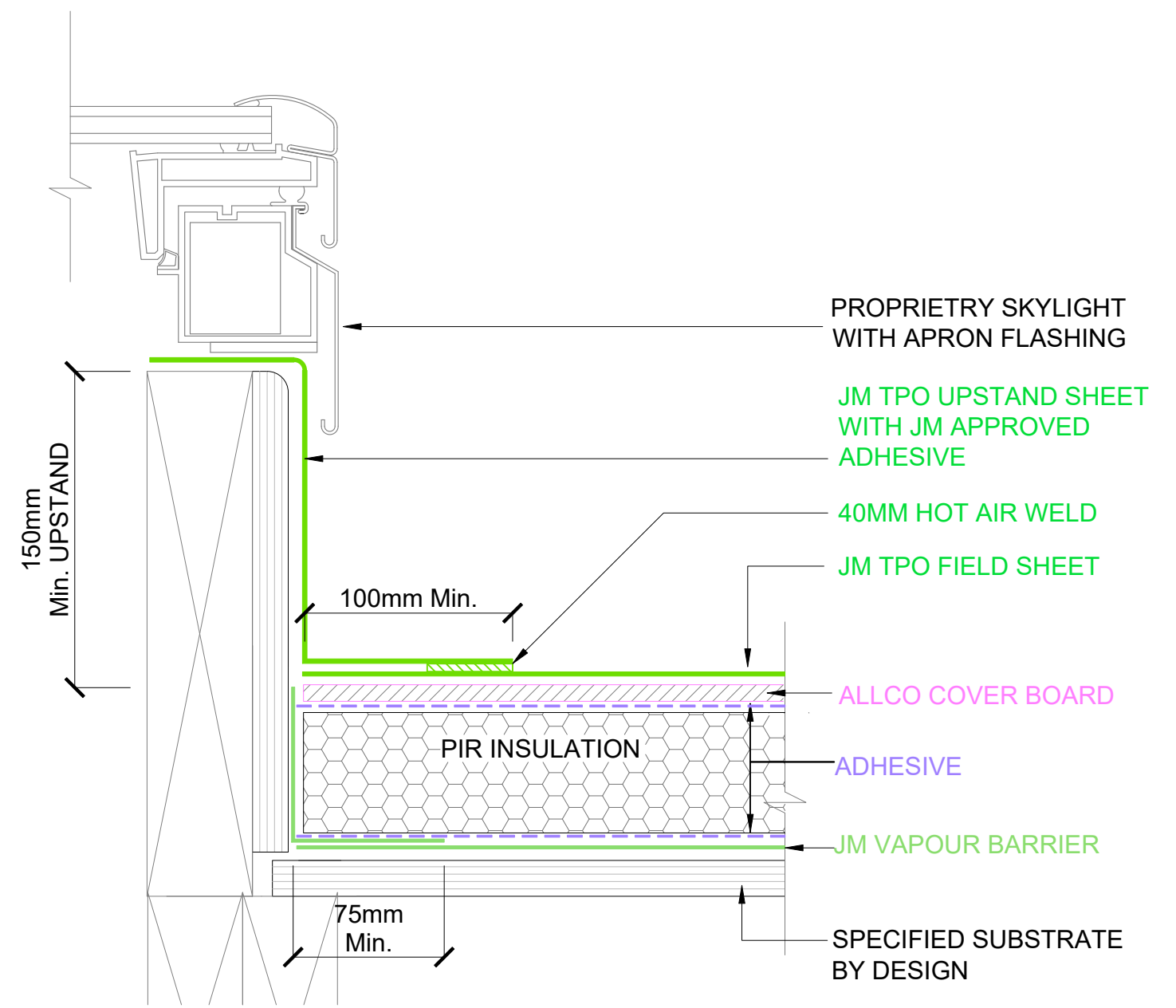
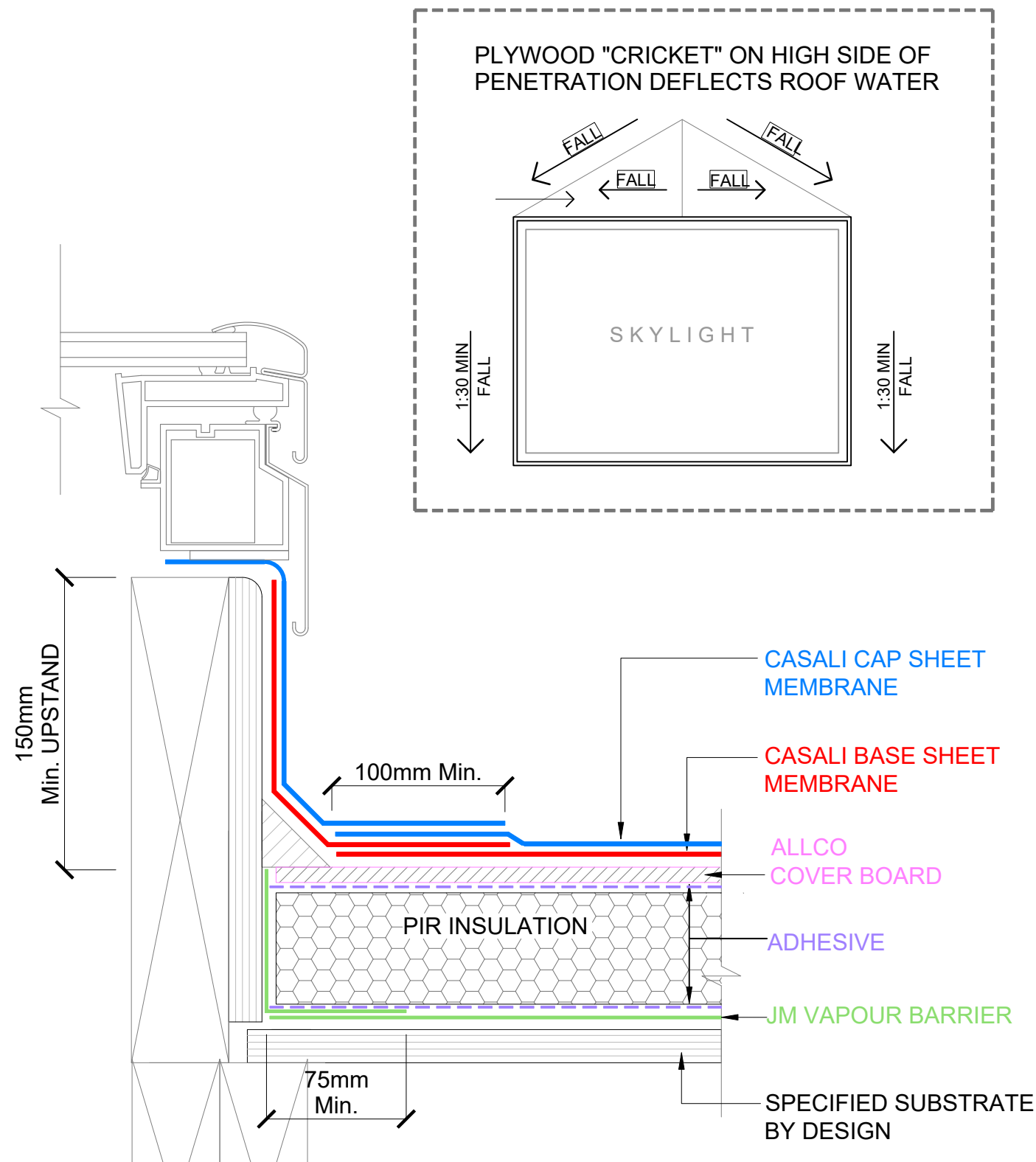
SCALE: NTS







1 ALLCO ALLTHERM WARM ROOF - JM TPO - PLANTWORK
FIXING PLINTH
SCALE: NTS METAL TRAY SUBSTRATE



1

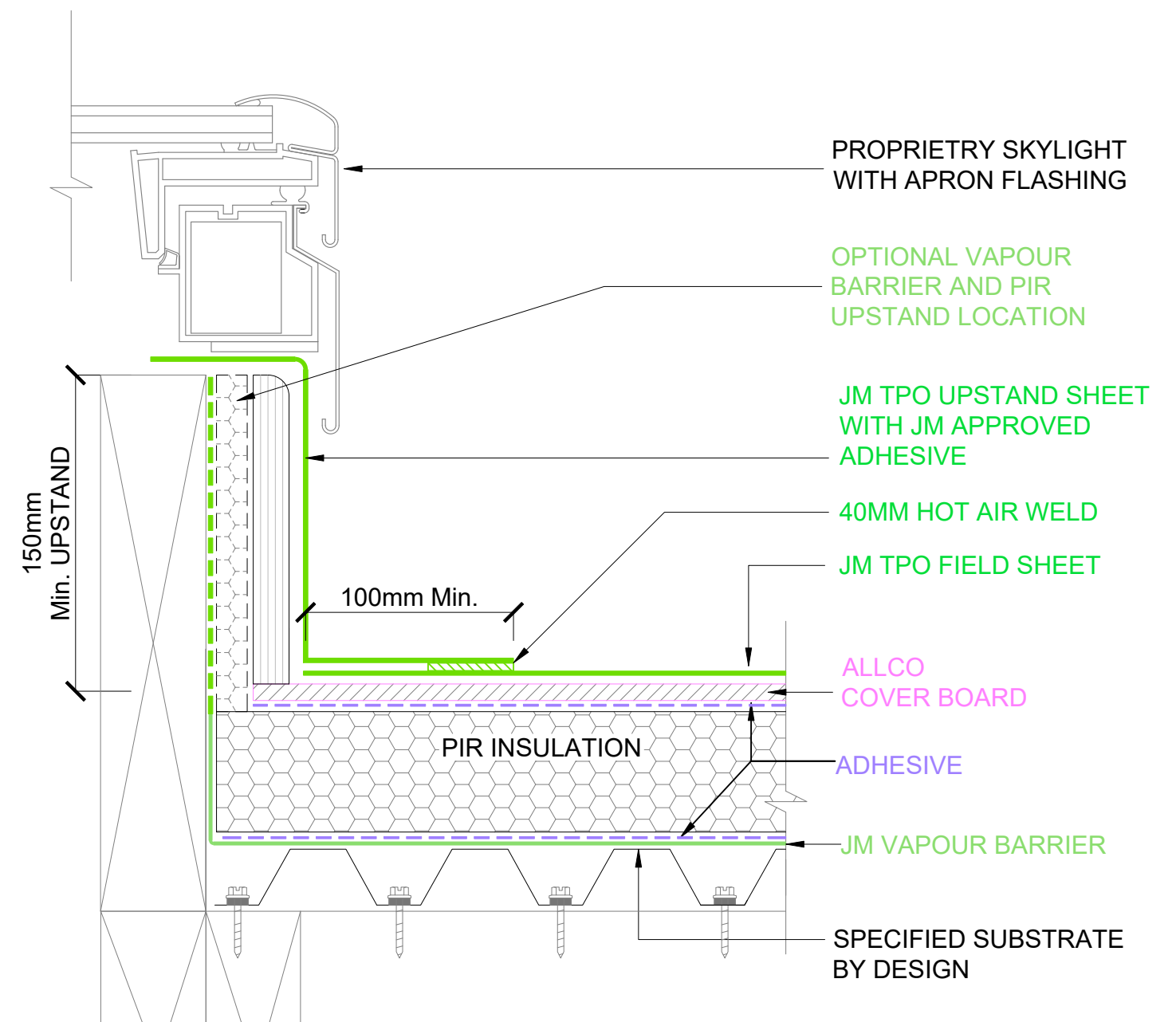
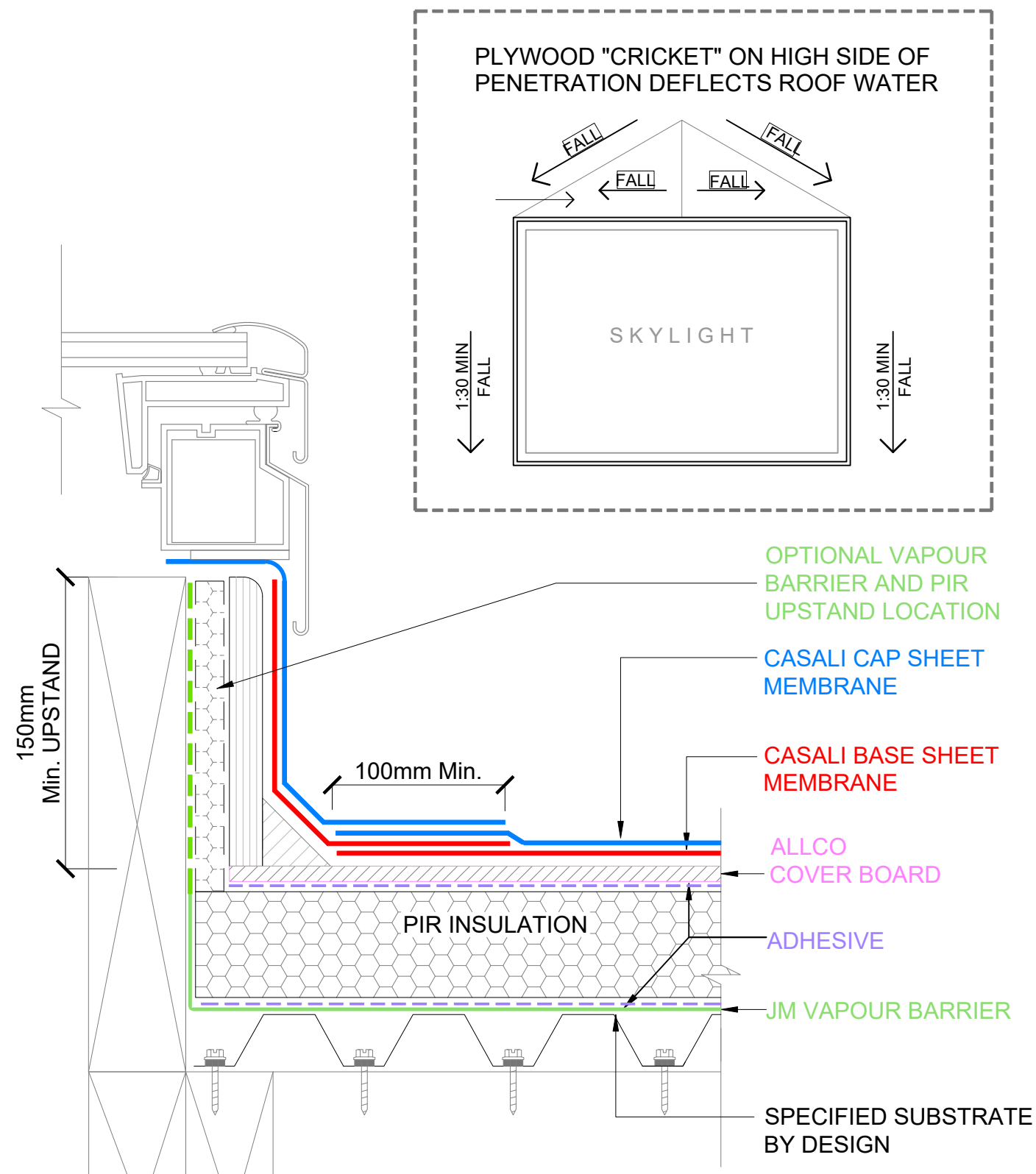
ALLCO ALLTHERM WARM ROOF - CASALI - SKYLIGHT PLINTH

SCALE: NTS

2

ALLCO ALLTHERM WARM ROOF - JM TPO - SKYLIGHT PLINTH

SCALE: NTS



1

ALLCO ALLTHERM WARM ROOF - CASALI - SKYLIGHT PLINTH

SCALE: NTS

METAL TRAY SUBSTRATE

2

ALLCO ALLTHERM WARM ROOF - JM TPO - SKYLIGHT PLINTH

SCALE: NTS

METAL TRAY SUBSTRATE



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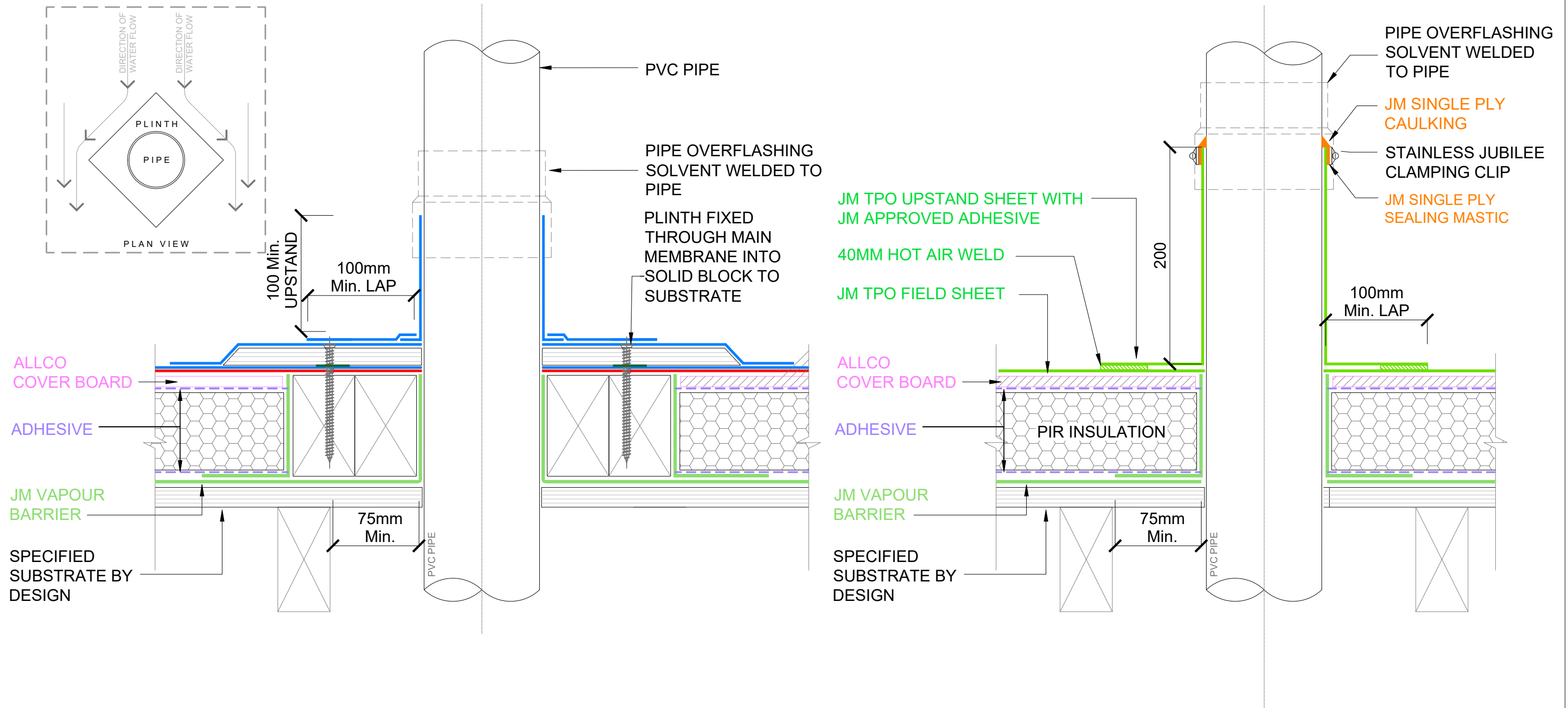
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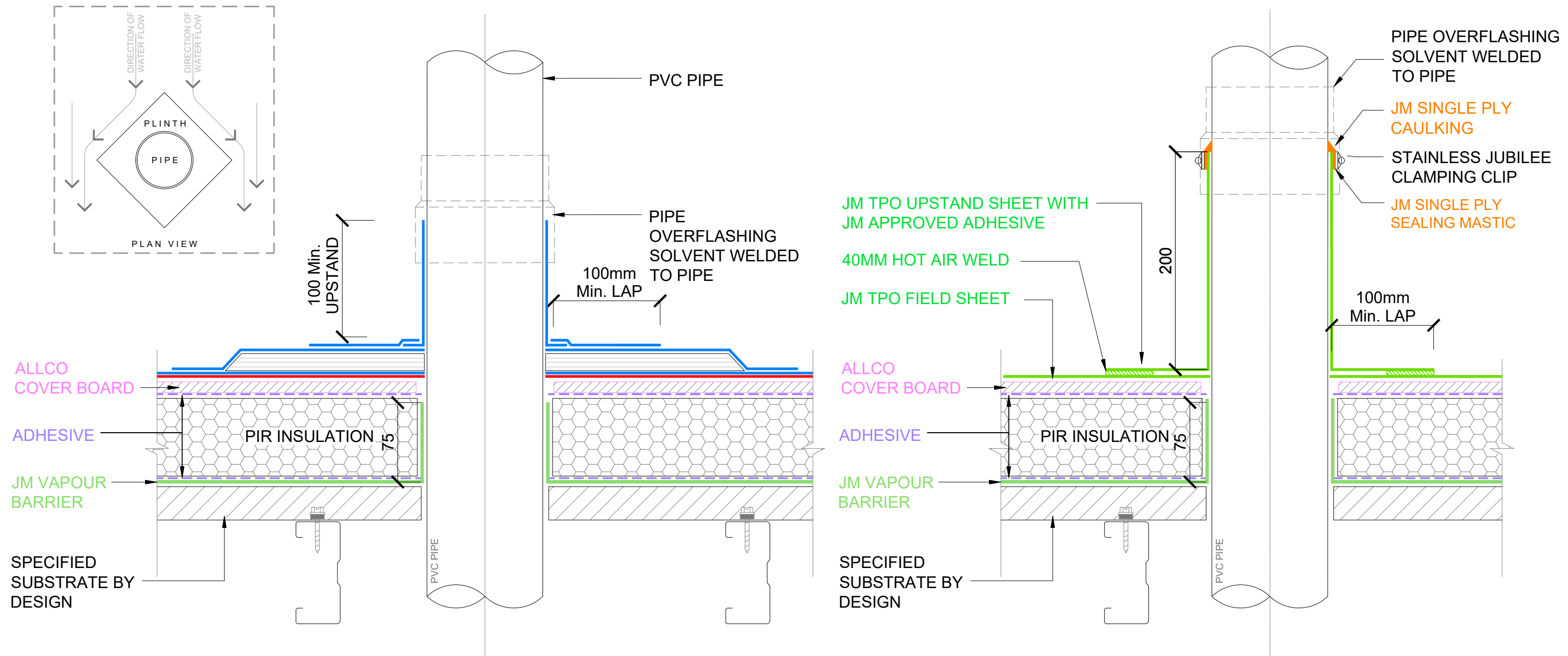
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1 ALLCO ALLTHERM WARM ROOF - CASALI - PIPE PENETRATION SCALE: NTS

2 ALLCO ALLTHERM WARM ROOF - JM TPO - PIPE PENETRATION SCALE: NTS



1 ALLCO ALLTHERM WARM ROOF - CASALI - PIPE PENETRATION
SCALE: NTS METAL TRAY SUBSTRATE

2 ALLCO ALLTHERM WARM ROOF - JM TPO - PIPE PENETRATION
SCALE: NTS METAL TRAY SUBSTRATE

CASALI CAP
SHEET MEMBRANE

CASALI BASE
SHEET MEMBRANE

SOLID TIMBER PLATE
TO ROOF EDGE

RAINWATER SYSTEM
BY OTHERS

ALUM OR S/S FIXING BAR
TO SECURE MEMBRANE TO
METAL DRIP-EDGE.
FIXINGS @ 300 CTRS MAX

2MM ALUM OR
S/S ANGLE 50X50MM MIN.

75 lap

ALLCO
COVER BOARD

ADHESIVE

JM VAPOUR
BARRIER

SPECIFIED
SUBSTRATE
BY DESIGN

PIR INSULATION

JM TPO FIELD SHEET

SOLID TIMBER PLATE
TO ROOF EDGE

JM TPO MEMBRANE
WELDED TO TPO
COATED DRIP EDGE

RAINWATER SYSTEM
BY OTHERS

40MM HOT AIR WELD

TPO COATED GALV
STEEL ANGLE

75 lap

ALLCO
COVER BOARD

ADHESIVE

JM VAPOUR
BARRIER

SPECIFIED
SUBSTRATE
BY DESIGN

PIR INSULATION

1

ALLCO ALLTHERM WARM ROOF - CASALI - DRIP EDGE

SCALE: NTS

2

ALLCO ALLTHERM WARM ROOF - JM TPO - DRIP EDGE

SCALE: NTS



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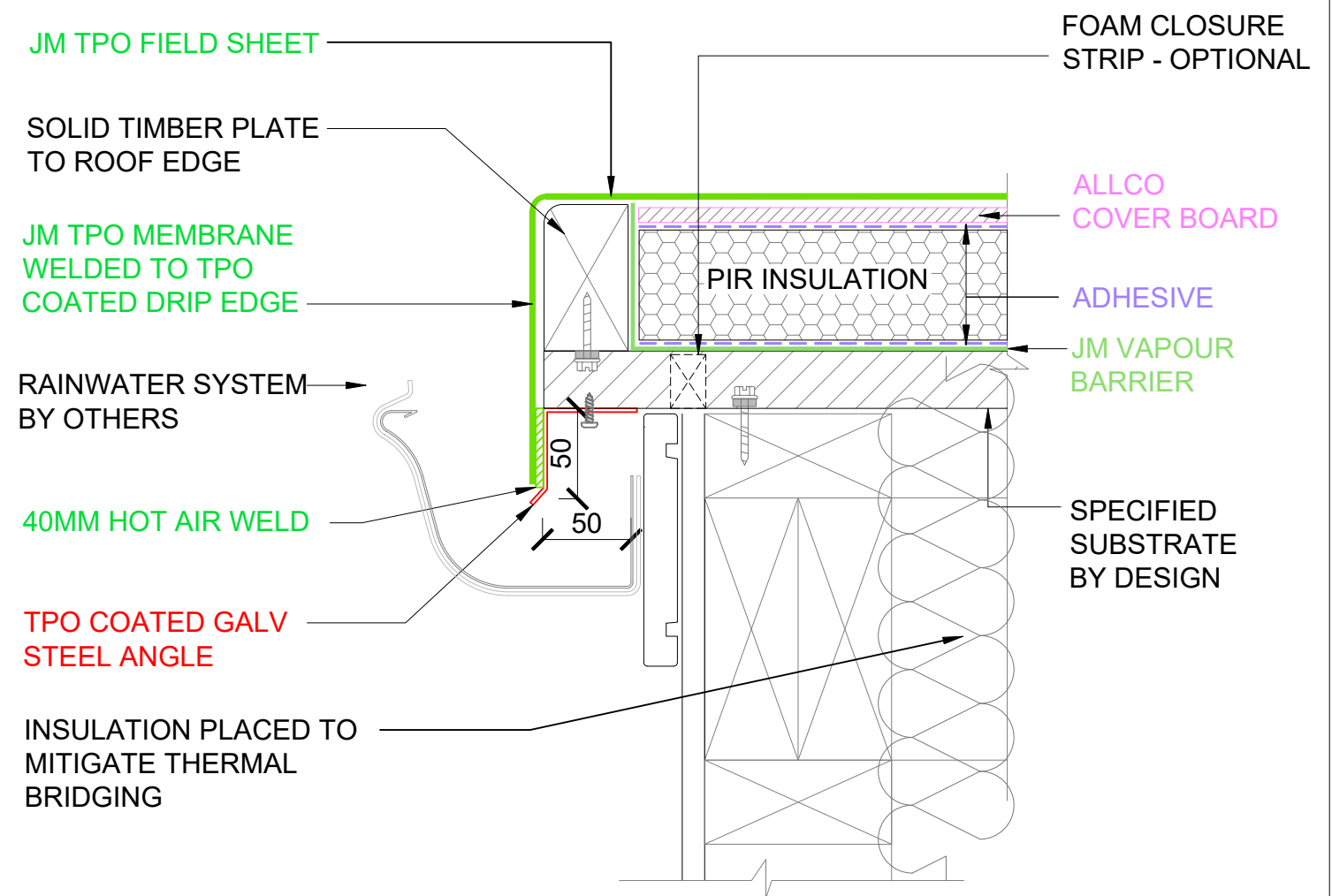
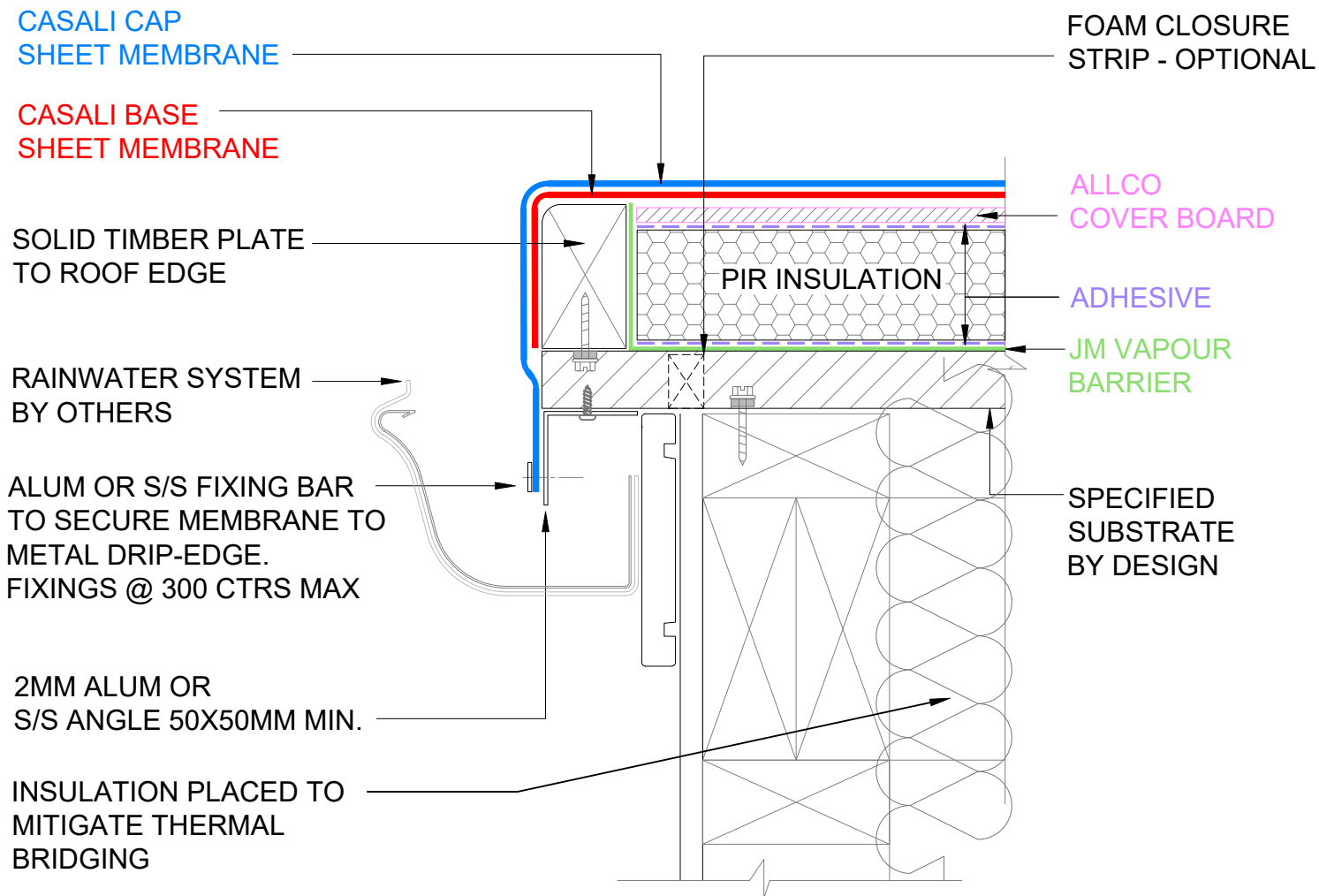


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1

ALLCO ALLTHERM WARM ROOF - CASALI - DRIP EDGE

SCALE: NTS

METAL TRAY SUBSTRATE

2

ALLCO ALLTHERM WARM ROOF - JM TPO - DRIP EDGE

SCALE: NTS

METAL TRAY SUBSTRATE



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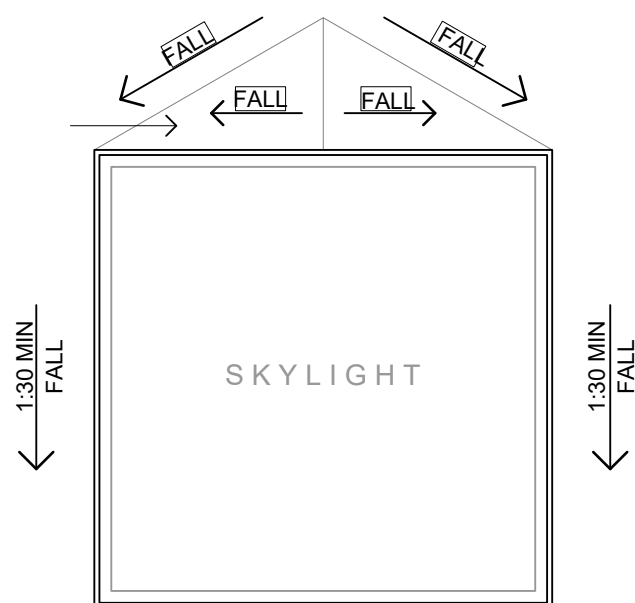
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PLYWOOD "CRICKET" ON HIGH SIDE OF PENETRATION DEFLECTS ROOF WATER



150mm
Min. UPSTAND

PROPRIETARY SKYLIGHT
WITH APRON FLASHING

20MM FILLET

CASALI CAP SHEET
MEMBRANE

CASALI BASE SHEET
MEMBRANE

PRIMER
(DERMAPRIMER OR IDROPRIMER)

100mm
min. LAP

CASALI VAPOREX
BELOW PIR

SUBSTRATE
BY DESIGN

DETAIL / BARRIER TAPE TO
UPSTAND

1

ALLCO ALLTHERM WARM ROOF - SKYLIGHT PENETRATION / UPSTAND

SCALE: NTS



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