

P21-024 Calder Park

Drawing Register: IRC

Works Completed: Roofing & Cladding

Drawing No.	Drawing Title	Rev
P21024-IRC-U1-ZZ-DR-X-0100	Unit 1 Roof Liner Plan	AB1
P21024-IRC-U1-ZZ-DR-X-0101	Unit 1 Roof Sheet Plan	AB1
P21024-IRC-U1-ZZ-DR-X-0102	Roof Grid Plan	AB1
P21024-IRC-U1-ZZ-DR-X-0103	Unit 1 Roof Sections	AB1
P21024-IRC-U1-ZZ-DR-X-0104	Roof Built-Up Fixing Specification	AB1
P21024-IRC-U1-ZZ-DR-X-0105	Roof Built-Up Installation Guide	AB1
P21024-IRC-U1-ZZ-DR-X-0106	Eaves Detail - 32/1000 Cladding	AB1
P21024-IRC-U1-ZZ-DR-X-0107	Verge Detail GI 3	AB1
P21024-IRC-U1-ZZ-DR-X-0108	Verge Detail GI 29	AB1
P21024-IRC-U1-ZZ-DR-X-0109	Valley Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0110	Roof Access Hatch Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0111	Office Eaves Detail GI A	AB1
P21024-IRC-U1-ZZ-DR-X-0112	Office Eaves Detail GI L	AB1
P21024-IRC-U1-ZZ-DR-X-0113	Office Verge Detail GI 1	AB1
P21024-IRC-U1-ZZ-DR-X-0114	Office Junction Detail GI 3	AB1
P21024-IRC-U1-ZZ-DR-X-0115	Hub Eaves Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0116	Hub Verge Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0117	Hub Junction Detail GI W	AB1
P21024-IRC-U1-ZZ-DR-X-0200	Unit 1 Liner Elevations	AB1
P21024-IRC-U1-ZZ-DR-X-0201	External Elevations	AB1
P21024-IRC-U1-ZZ-DR-X-0202	Grid Elevations	AB1
P21024-IRC-U1-ZZ-DR-X-0203	Mr Built Up Wall Fix Specification	AB1
P21024-IRC-U1-ZZ-DR-X-0204	Built Up Wall Fix Specification	AB1
P21024-IRC-U1-ZZ-DR-X-0205	Typical Cill Detail (32-1000 Vert Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0206	Typical Door Head Detail (32-1000 Vert Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0207	Typical Door Jamb Detail (32-1000 Vert Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0208	Level Access Door Head Detail (32-1000 Vert Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0209	Level Access Door Jamb Detail (32-1000 Vert Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0210	Typical Cill Detail (300-Mr Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0211	Strip Window Head Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0212	Strip Window Cill Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0213	Strip Window Jamb Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0214	Loading Door Head Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0215	Loading Door Jamb Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0216	Dock Head Junction Detail (Horiz Arc 50-930 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0217	Dock Jamb Junction Detail (Vert 32-1000 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0218	Feature Glazing Head Junction Detail GI A & 1 (Vert 32-1000 Built-Up)	AB1

Drawing No.	Drawing Title	Rev
P21024-IRC-U1-ZZ-DR-X-0219	Feature Glazing Cill Detail Gl 1 (Vert 32-1000 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0220	Feature Glazing Jamb Detail Gl 1 (Vert 32-1000 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0221	External Corner Detail (300-Mr Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0222	External Corner Detail (Horiz 32-1000 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0223	Vertical Junction Detail (Hz 32-1000 B-U - Vert 32-1000 B-U)	AB1
P21024-IRC-U1-ZZ-DR-X-0224	Horizontal Featureband Junction (Vt 32-1000 B-U - Hz 32-1000)	AB1
P21024-IRC-U1-ZZ-DR-X-0225	Horizontal Junction (Mr-300 - Horiz 32-1000 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0226	Typical Door Head Detail (Mr-300 Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0227	Typical Door Jamb Detail (Mr-300 Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0228	Horizontal Junction (Mr-300 - Horiz 32-1000 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0229	Tophat Junction Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0230	Office Window Head Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0231	Office Window Cill Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0232	Office Window Jamb Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0233	Office Feature Glazing Head Junction Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0234	Office Feature Glazing Cill Detail Gl 1 (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0235	Office Feature Glazing Jamb Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0236	Office Tophat Junction Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0237	Office Cill Detail (300-Mr Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0238	Internal Corner Detail (300-Mr Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0240	Hub Cill Detail (300-Mr Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0241	Hub Window Head Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0242	Hub Window Cill Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0243	Hub Window Jamb Detail	AB1
P21024-IRC-U1-ZZ-DR-X-0244	Hub Door Head Detail (Mr-300 Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0245	Hub Door Jamb Detail (Mr-300 Built Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0246	Hub Tophat Junction Detail (Mr-300 Built-Up)	AB1
P21024-IRC-U1-ZZ-DR-X-0300	Light Bracket Elevations	AB1

CRITICAL NOTE - ROOFLIGHTS SHOULD NEVER BE WALKED ON IRRESPECTIVELY OF THEIR FRAGILITY CLASS EVEN NON FRAGILE ROOFLIGHTS COULD BE DAMAGED BY FOOT TRAFFIC WHICH MAY AFFECT THE LONG TERM LIGHT TRANSMISSION AND WEATHERING PERFORMANCE

ROOF LIGHTS ARE IDENTIFIED BY RED PERIMETER FIXINGS THE ROOF SHOULD NOT BE ACCESSED IF FIXINGS AREN'T CLEARLY VISIBLE OR IN ADVERSE WEATHER CONDITIONS

*** SEE N.A.R.M. GUIDELINES FOR FURTHER INFORMATION ***

SPECIFICATION

BUILT-UP: CA TWIN-THERM QUANTUM ROOF SYSTEM (212mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
180mm MATRIX SPACER SYSTEM
180mm THERMA-QUILT INSULATION
32/1000R EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - GOOSE WING GREY
TO ACHIEVE A "U" VALUE OF 0.23W/m²K

ROOFLIGHTS: CA THERMA-LIGHT QUANTUM ROOFLIGHT SYSTEM (212mm O/ALL)
T-LIGHT 17/1000L GRP LINER SHEET (CE24 8oz CLASS 1 SAA)
180mm MATRIX SPACER SYSTEM
10mm THERMA-CORE MX-32 POLYCARBONATE INTERMEDIATE
T-LIGHT 32/1000R GRP EXTERNAL SHEET (CE24 8oz CLASS 3 SAB)
THERMAL EFFICIENCY "U" VALUE OF 1.30W/m²K
LIGHT TRANSMISSION VALUE OF 0.58
SOLAR TRANSMISSION "G" VALUE OF 0.55
NON-FRAGILE CLASS B IN ACCORDANCE WITH ACR(M)001:2014
(TO COVER APPROX 10% OF WAREHOUSE FLOOR AREA)

SEE DRG 101 FOR ROOF TOP SHEET PLAN DETAILS

SEE DRG 102 FOR ROOF GRID PLAN DETAILS

SEE DRG 103 FOR ROOF SECTION DETAILS

SEE DRG 150 FOR GUTTER LAYOUT DETAILS

SEE DRAWINGS 104 & 105 FOR 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

KEY:  - ROOF LIGHT



AB1 26/05/22 Issued for As Built W.S.
C01 21/10/21 Issued for construction W.S.

Rev Date Comment Initial

Drawing Status AS BUILT

Drawing Title ROOF LINER PLAN

Client 
Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Code P21024_IRC_U1_ZZ_DR_X_0100

Drg Scale 1:400 @ A1 Date 02/08/21 Drg No 100 Rev AB1
Drawn W.S. Checked -

**IRC CAROCELLE Ltd.**
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CRITICAL NOTE - ROOFLIGHTS SHOULD NEVER BE WALKED ON IRRESPECTIVELY OF THEIR FRAGILITY CLASS EVEN NON FRAGILE ROOFLIGHTS COULD BE DAMAGED BY FOOT TRAFFIC WHICH MAY AFFECT THE LONG TERM LIGHT TRANSMISSION AND WEATHERING PERFORMANCE

ROOF LIGHTS ARE IDENTIFIED BY RED PERIMETER FIXINGS THE ROOF SHOULD NOT BE ACCESSED IF FIXINGS AREN'T CLEARLY VISIBLE OR IN ADVERSE WEATHER CONDITIONS

*** SEE N.A.R.M. GUIDELINES FOR FURTHER INFORMATION ***

SPECIFICATION

BUILT-UP: CA TWIN-THERM QUANTUM ROOF SYSTEM (212mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
180mm MATRIX SPACER SYSTEM
180mm THERMA-QUILT INSULATION
32/1000R EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - GOOSE WING GREY
TO ACHIEVE A "U" VALUE OF 0.23W/m²K

ROOFLIGHTS: CA THERMA-LIGHT QUANTUM ROOFLIGHT SYSTEM (212mm O/ALL)
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180mm MATRIX SPACER SYSTEM
10mm THERMA-CORE MX-32 POLYCARBONATE INTERMEDIATE
T-LIGHT 32/1000R GRP EXTERNAL SHEET (CE24 8oz CLASS 3 SAB)
THERMAL EFFICIENCY "U" VALUE OF 1.30W/m²K
LIGHT TRANSMISSION VALUE OF 0.58
SOLAR TRANSMISSION "G" VALUE OF 0.55
NON-FRAGILE CLASS B IN ACCORDANCE WITH ACR(M)001:2014
(TO COVER APPROX 10% OF WAREHOUSE FLOOR AREA)



SEE DRG 100 FOR ROOF LINER PLAN DETAILS

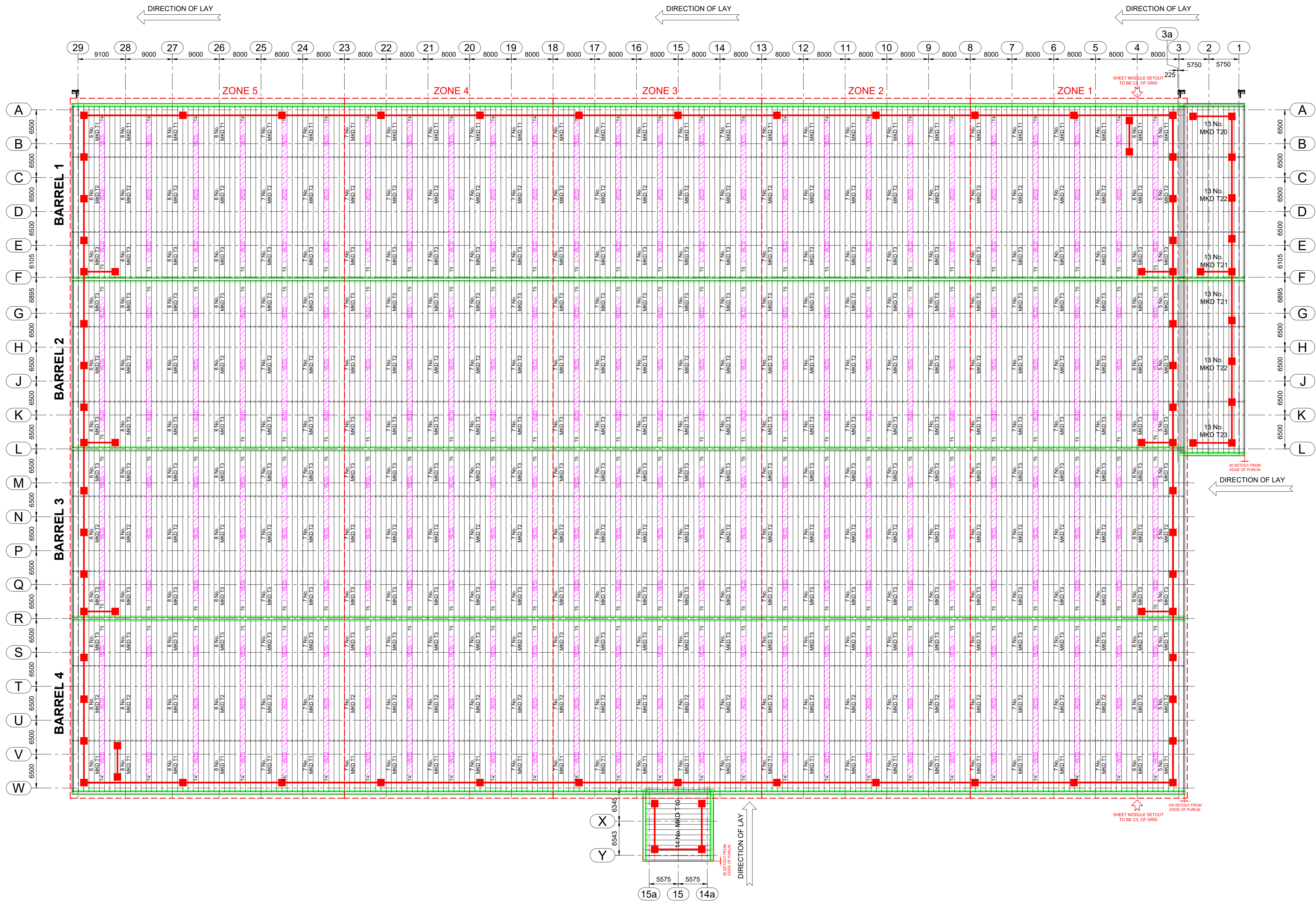
SEE DRG 102 FOR ROOF GRID PLAN DETAILS

SEE DRG 103 FOR ROOF SECTION DETAILS

SEE DRG 150 FOR GUTTER LAYOUT DETAILS

SEE DRAWINGS 104 & 105 FOR 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

KEY:  - ROOF LIGHT
 - SAFETY LINE SYSTEM



AB1	26/05/22	Issued for As Built	W.S.
C02	28/01/22	Man-safe system added	B.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status: AS BUILT

Drawing Title: ROOF SHEET PLAN



Client: UNIT 1, CALDER PARK, WAKEFIELD

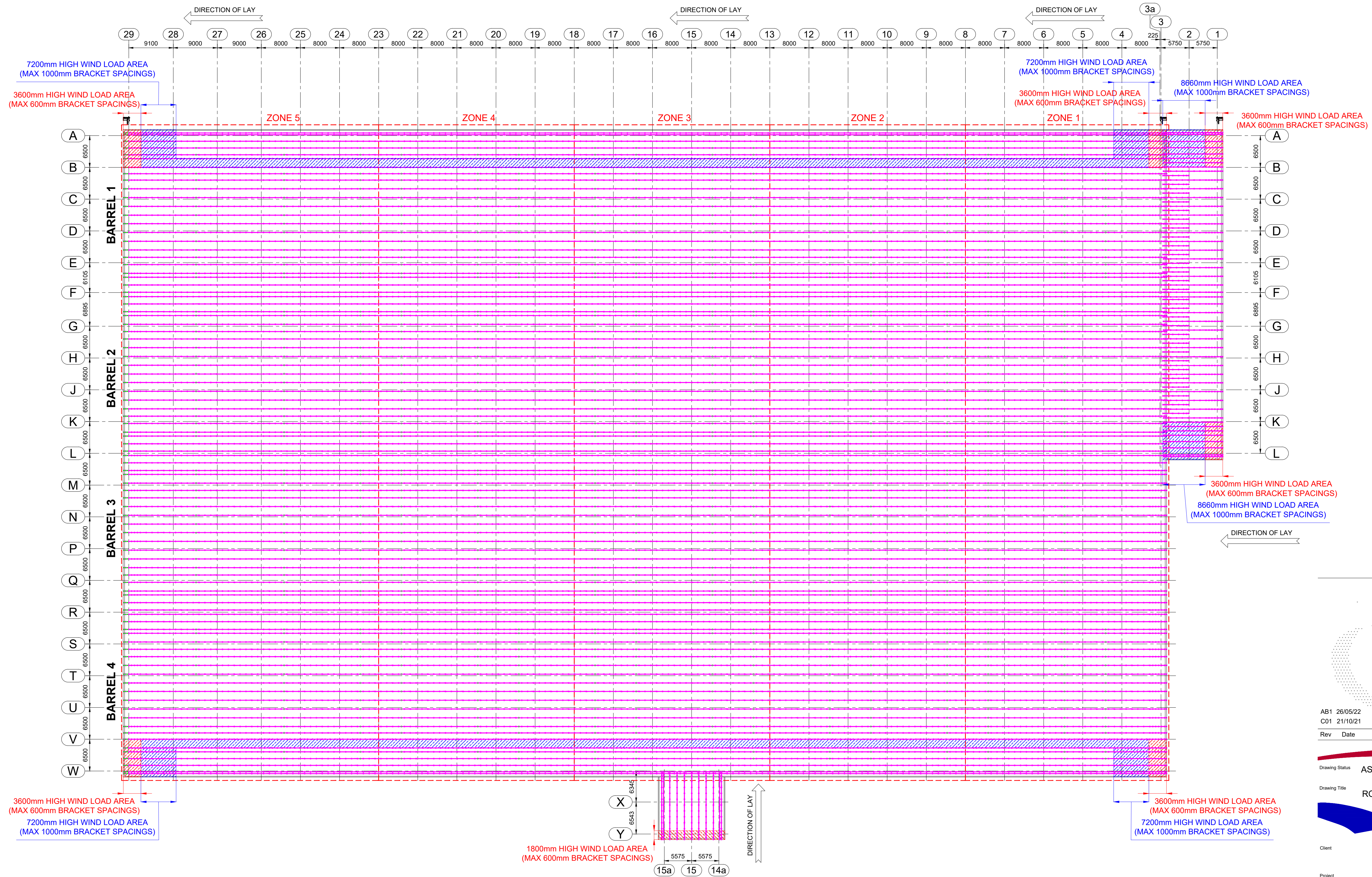
Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Scale: P21024_IRC_U1_ZZ_DR_X_0101

Drg Scale: 1:400 @ A1 Date: 02/08/21 Drg No: 101 Rev: AB1

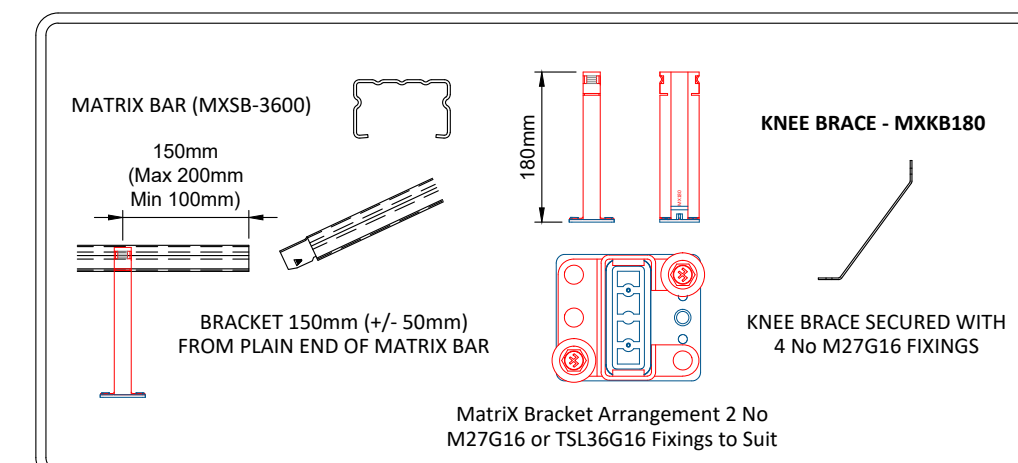
Drawn: W.S. Checked: -

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= MAX 600mm SPACING
 = MAX 1000mm SPACING
(ALL OTHER SPACINGS TO BE MAX 1200mm)

GRID SYSTEM TO BE INSTALLED IN CONJUNCTION WITH THE CA ROOF INSTALLATION GUIDE
(NOTE: START/FINISH BRACKET SPACINGS ARE TO BE INSTALLED AT REDUCED CENTRES ALONG WITH THOSE WITHIN THE HIGH WIND LOADING AREAS)



AB1 26/05/22 Issued for As Built W.S.
C01 21/10/21 Issued for construction W.S.

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: ROOF GRID PLAN

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Scale: P21024_IRC_U1_ZZ_DR_X_0102

Drg Scale: 1:400 @ A1 Date: 02/08/21 Drg No: 102 Rev: AB1
Drawn: W.S. Checked: -

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SPECIFICATION

BUILT-UP: CA TWIN-THERM QUANTUM ROOF SYSTEM (212mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
180mm MATRIX SPACER SYSTEM
180mm THERMA-QUILT INSULATION
32/1000R EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - GOOSEWING GREY (RAL 7038)
TO ACHIEVE A "U" VALUE OF 0.23W/m²K

ROOFLIGHTS: CA THERMA-LIGHT QUANTUM ROOFLIGHT SYSTEM (212mm O/ALL)
T-LIGHT 17/1000L GRP LINER SHEET (CE24 8oz CLASS 1 SAA)
180mm MATRIX SPACER SYSTEM
10mm THERMA-CORE MX-32 POLYCARBONATE INTERMEDIATE
T-LIGHT 32/1000R GRP EXTERNAL SHEET (CE24 8oz CLASS 3 SAB)
THERMAL EFFICIENCY "U" VALUE OF 1.30W/m²K
LIGHT TRANSMISSION VALUE OF 0.58
SOLAR TRANSMISSION "G" VALUE OF 0.55
NON-FRAGILE CLASS B IN ACCORDANCE WITH ACR(M)001:2014
(TO COVER APPROX 10% OF WAREHOUSE FLOOR AREA)

SEE DRG 100 FOR ROOF LINER PLAN DETAILS

SEE DRG 101 FOR ROOF TOP SHEET PLAN DETAILS

SEE DRG 102 FOR ROOF GRID PLAN DETAILS

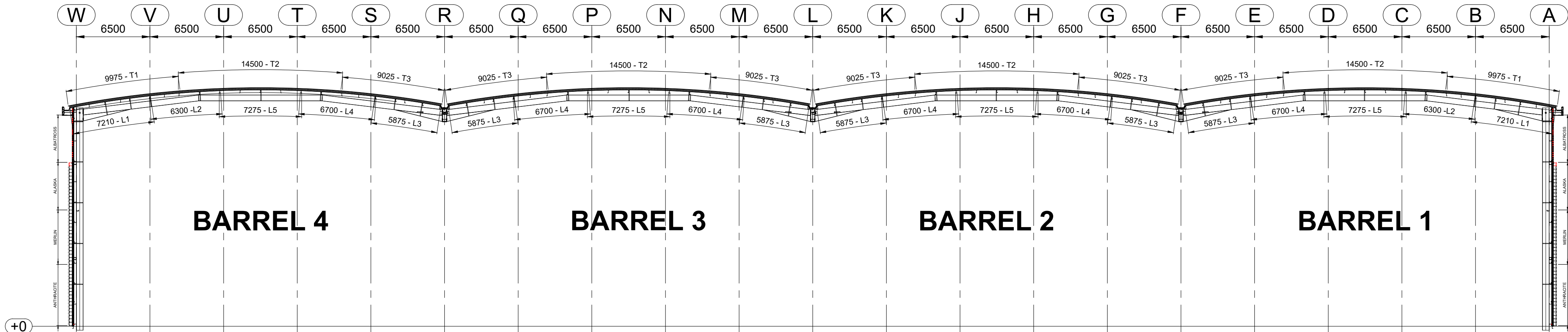
SEE DRG 150 FOR GUTTER LAYOUT DETAILS

SEE DRAWINGS 104 & 105 FOR 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

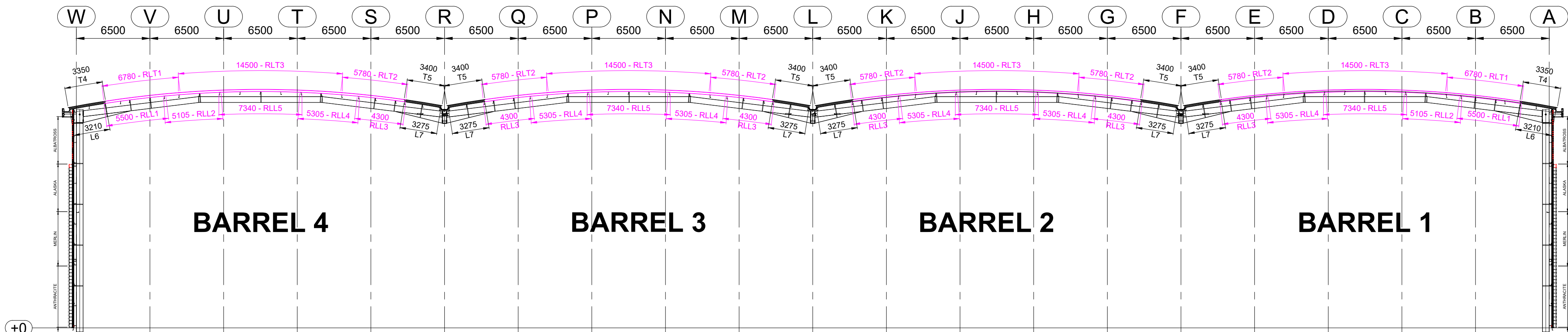
CRITICAL NOTE - ROOFLIGHTS SHOULD NEVER BE WALKED ON IRRESPECTIVELY OF THEIR FRAGILITY CLASS EVEN NON FRAGILE ROOFLIGHTS COULD BE DAMAGED BY FOOT TRAFFIC WHICH MAY AFFECT THE LONG TERM LIGHT TRANSMISSION AND WEATHERING PERFORMANCE

ROOF LIGHTS ARE IDENTIFIED BY RED PERIMETER FIXINGS THE ROOF SHOULD NOT BE ACCESSED IF FIXINGS AREN'T CLEARLY VISIBLE OR IN ADVERSE WEATHER CONDITIONS

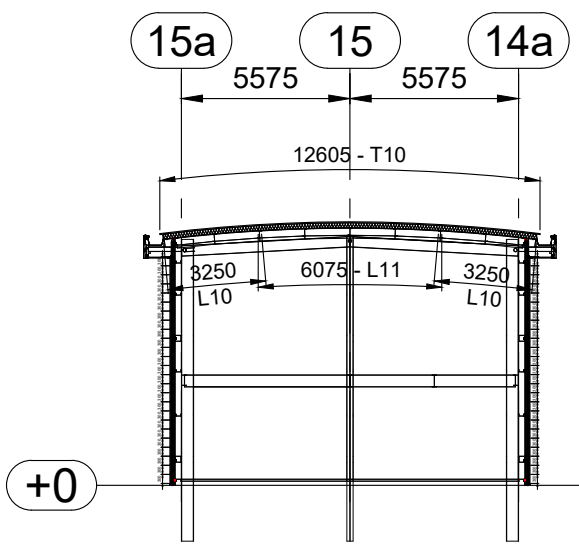
* SEE N.A.R.M. GUIDELINES FOR FURTHER INFORMATION *



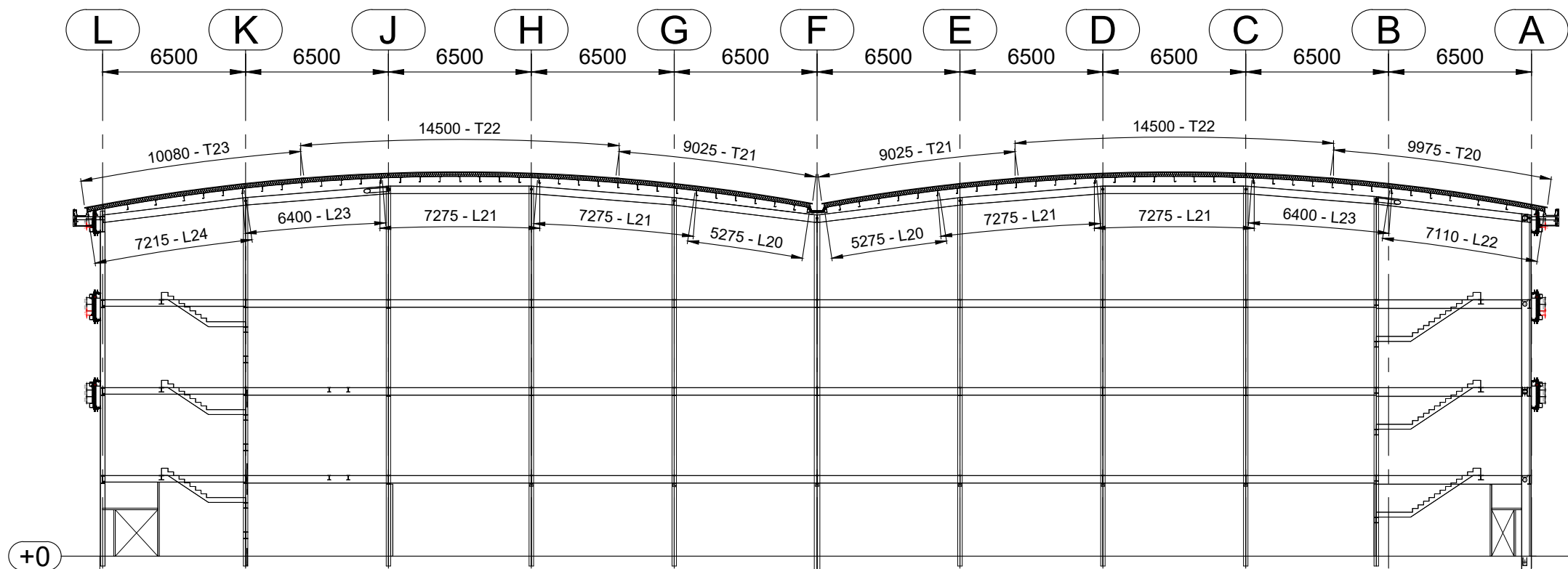
TYPICAL ROOF SECTION



TYPICAL ROOFLIGHT SECTION



TYPICAL HUB OFFICE ROOF SECTION



TYPICAL OFFICE ROOF SECTION



AB1 26/05/22 Issued for As Built W.S.
C01 11/11/21 Issued for construction W.S.

Rev Date Comment Initial

Drawing Status AS BUILT

Drawing Title ROOF SECTIONS

Client winvic
Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Scale P21024_IRC_U1_ZZ_DR_X_0103

Drg Scale 1:250 @ A1 Date 02/08/21 Drg No 103 Rev AB1
Drawn W.S. Checked -

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Twin-Therm® Chronus® Roof Specification

Twin-Therm® Chronus® Built-Up Roof System utilising the CA 17/1000L Liner Panel, MatriX Spacer System, Therma-Quilt Insulation (refer to Table 2 for Construction Depths and U-Values) and HPS200 Ultra coated CA 32/1000R External Weather Sheet. The complete system is guaranteed for up to 25 Years; refer to Table 1 for guarantee requirements.

Twin-Therm® Rooflight Specification

Therma-Light RoofLight System utilising the T-Light 17/1000L, 2.44kg/m² (8oz) RoofLight Liner, Intermediate Core (refer to Table 3 for U-Values) and T-Light 32/1000R, 2.44kg/m² (8oz) External RoofLight (See Table 1 for Guarantee Requirements for External RoofLights).

System Appraisal

Non-Fragility: Once fully fixed and sealed the Twin-Therm® Liner Panel and RoofLight assembly is 'Class C' Non-Fragile. Once fully fixed the Twin-Therm® Chronus® Built-Up Roof and RoofLights assembly is 'Class B' Non-Fragile Assembly in accordance with the HSE Materials Standard ACR(M)001:2014 "Redbook" Test for Non-Fragility of Profiled Sheeted and Large Element Roofing Assemblies'. Refer to TIP-101 for Non-Fragility Tolerances.

Reaction to Fire: Tested in accordance with LPS 1181 and achieves grade 'EXT-B' certification. Certification No. LPCB 443a.

Surface Spread of Flame:
Liner Panel & Weather Sheet: Designated 'AA' to BS476:Part 3:2004 being class '0' to BS476:Part 7:1997.
Rooflight Liner: Designated 'AA' to BS476:Part 3:2004 being class '1' to BS476:Part 7: 1997.
Rooflight Top Sheet: Designated 'AB' to BS476:Part 3:2004 being class '3' to BS476:Part 7: 1997.

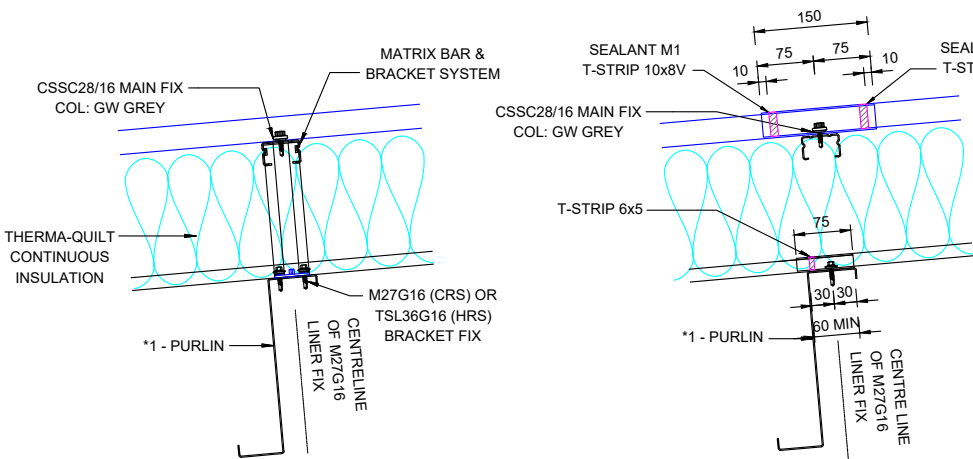
Agrément: Independent verification of all aspects of the system, please consult CA Group Technical Department.

Acoustics: Please consult TIP-401 for weighted sound reduction (R/w) figures.

This specification drawing is for general guidance only and should be read in conjunction with the relevant Twin-Therm® MBS specification and installed as per the Twin-Therm® installation guide: IG-TTR-01.

*1 - Refer to TIP-406 on 'Thin Gauge Purlins' for the minimum thickness of purlins / cladding rails, see TIP-503 'Roof Pitch & Curve Parameters' for secondary steelwork requirements when using curved Twin-Therm® Roofs.
*2 - Additional fixing at Liner End Laps.
*3 - Additional fixing at External Eaves, Ridge & Sheet Laps.

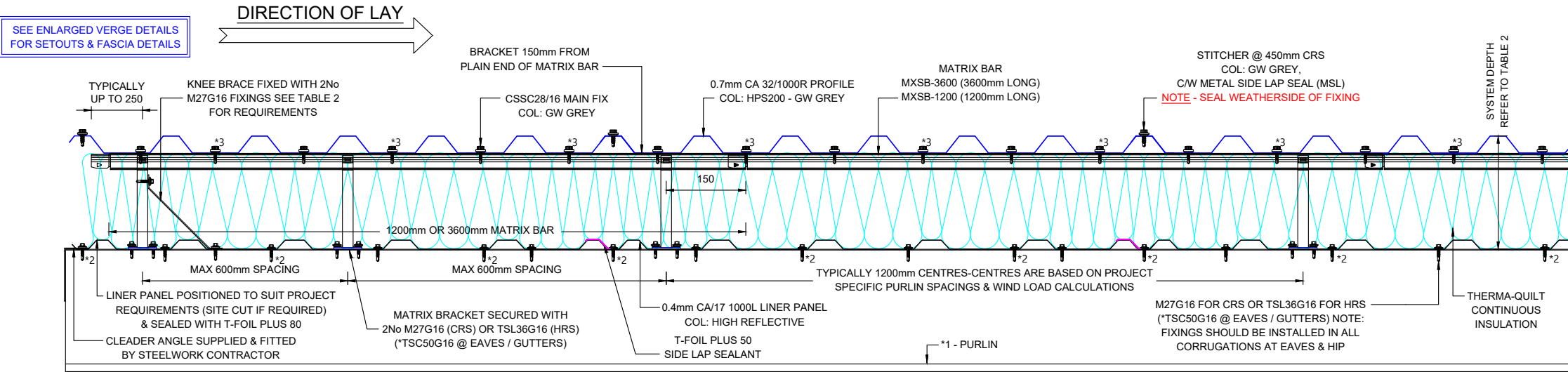
NOTE - ROOFLIGHTS ARE NOT INCORPORATED INTO TWIN-THERM® CHRONUS® SPECIFICATIONS, DUE TO SOLAR GAINS



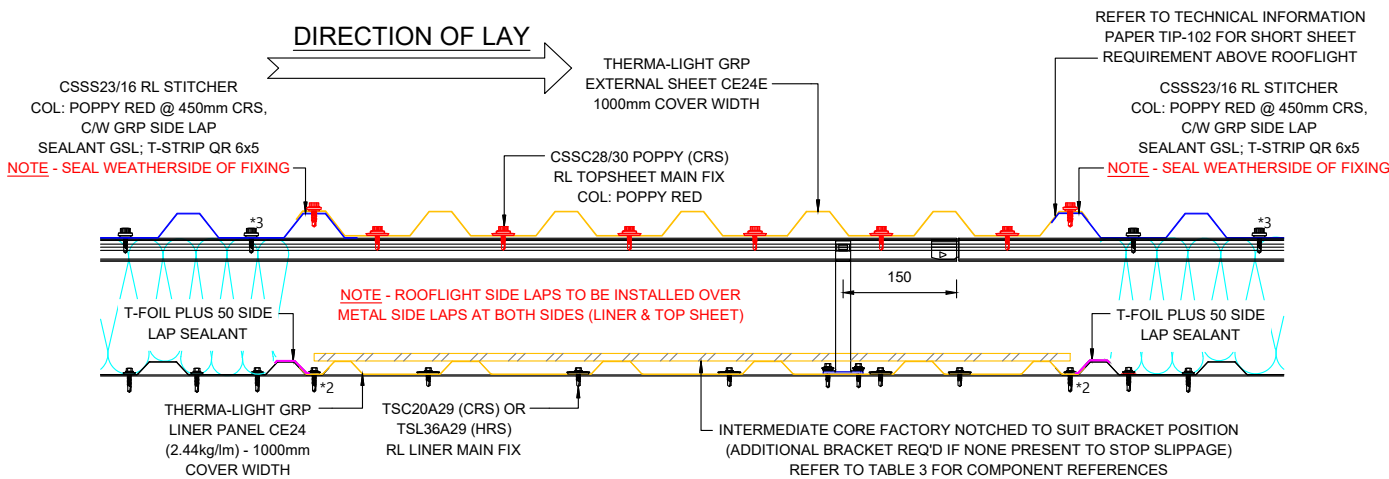
Intermediate Purlin (Metal)

Metal over Metal End Lap

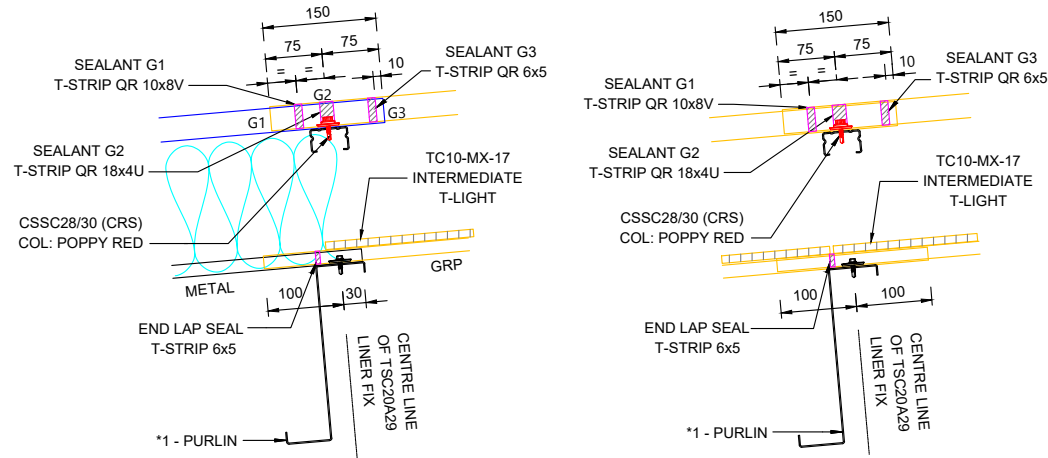
Table 1 - 25 Year System Guarantee Requirements										
Twin-Therm® Chronus® Roof Specification										
Variant	Radius	End LapPitch	Post Deflection	M1* (Downslope)	M3* (Upslope)	MSL (Sidelap)	G1* (Downslope)	G2* (Centre)	G3* (Upslope)	GSL (Sidelap)
Twin-Therm® Quantum	< 80m	4.0°	2.5° min.	T-strip 10x8V	T-strip 6x5	T-strip 6x5	T-strip QR 10x8V	T-strip QR 18x4U	T-strip QR 6x5	T-strip QR 6x5



Section Through Roof Construction Including Start & End of MatriX Bar & Bracket Requirements



Section Through Rooflight Construction



GRP Over Metal End Lap

GRP Over GRP End Lap

CRITICAL FIXER NOTE - SEE CA INSTALLATION GUIDE FOR ADDITIONAL T-STRIp LAP REQUIREMENTS TO SUIT THE ROOFLIGHT AREAS

Table 2 - Roof U-Values & depths				
Bracket Ref	Insulation Ref	U-Value (W/m²K)	System Depth (mm)	Knee Brace
MX180	TQ180	0.23	212	MXKB

Table 3 - Rooflight U-Values		
Rooflight U-Value (W/m²K)	Intermediate Core Code	Thickness (mm)
1.30	TC10-MX-17	10

AB1 26/05/22
C01 08/11/21

Issued for As Built
Issued for Construction

W.S.
W.S.

Rev	Date	Comment	Initial
AS BUILT			

Drawing Title

ROOF BUILT-UP FIXING SPECIFICATION
(CA TWIN-THERM 32/1000 [0.4 LINER])

Client

Project

TUNGSTEN - WAKEFIELD

Dwg Code

P21024_IRC_U1_XX_DR_104

Dwg Scale

1:10 @ A3

Date

07/07/2021

Dwg No

104

Rev

AB1

Drawn

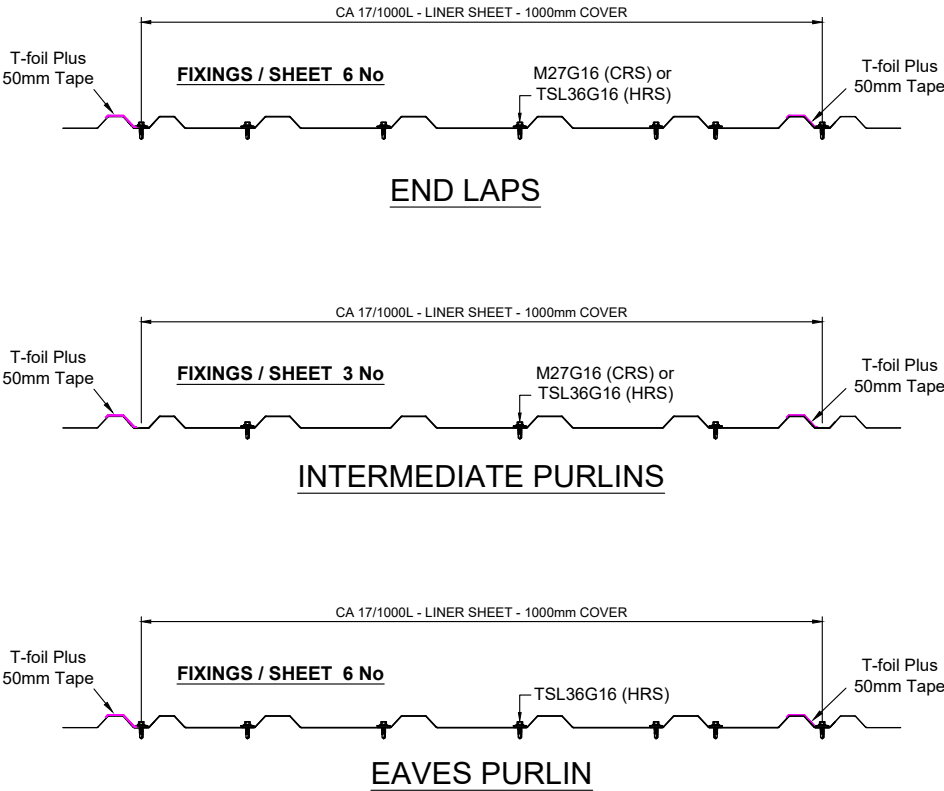
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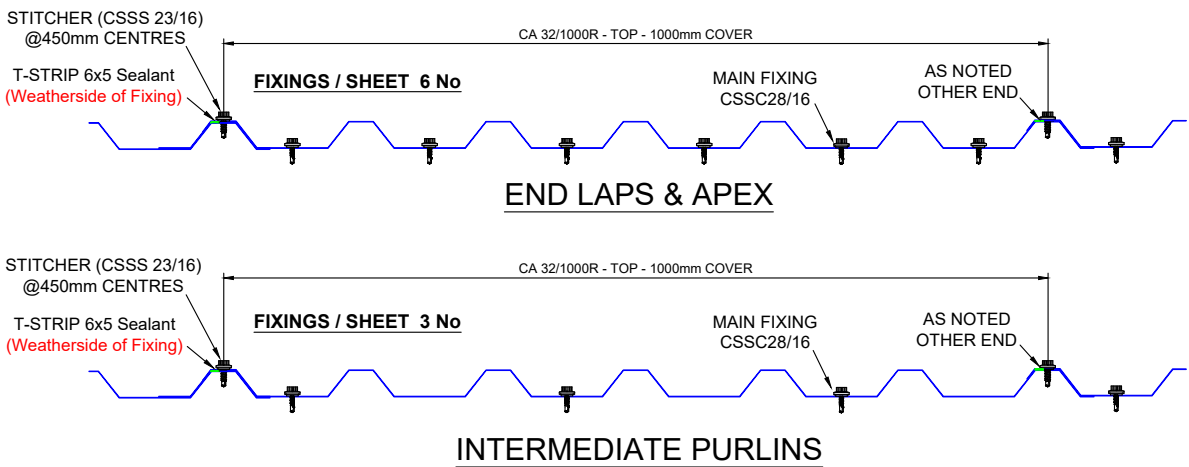
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LINER SHEET FIXING



TOP SHEET FIXING



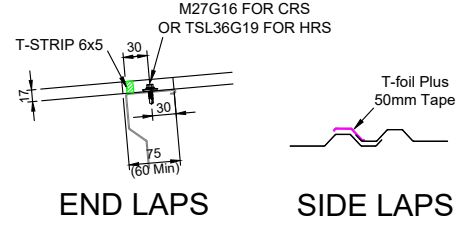
SPECIFICATION

CA TWIN-THERM QUANTUM ROOF SYSTEM (212mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
180mm MATRIX SPACER SYSTEM
180mm THERMA-QUILT INSULATION
32/1000R EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - GOOSEWING GREY (RAL 7038)
TO ACHIEVE A "U" VALUE OF 0.23W/m²K

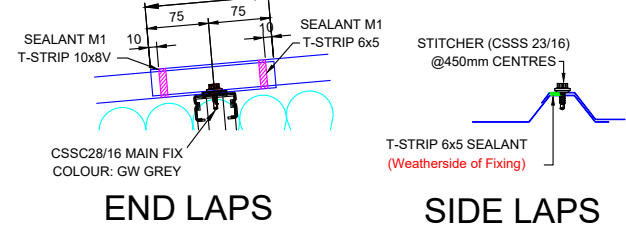
CA THERMA-LIGHT QUANTUM ROOFLIGHT SYSTEM (212mm O/ALL)
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180mm MATRIX SPACER SYSTEM
10mm THERMA-CORE MX-32 POLYCARBONATE INTERMEDIATE
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NON-FRAGILE CLASS B IN ACCORDANCE WITH ACR(M)001:2014
(TO COVER APPROX 10% OF WAREHOUSE FLOOR AREA)

All of the above system and components are to suit CA's recommendations to achieve a 25-Year Guarantee (See specification drawings 104 & 105 for full details)

LINER SHEET LAPS



TOP SHEET LAPS

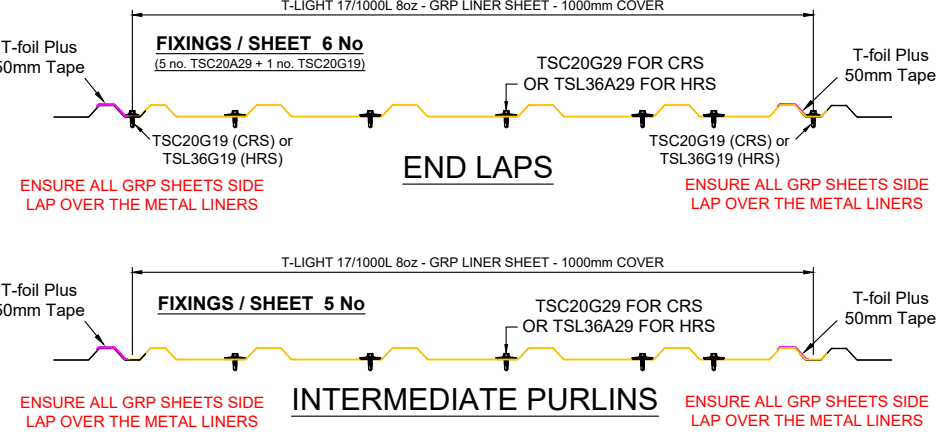


SUMMARY OF FIXINGS & SEALANTS

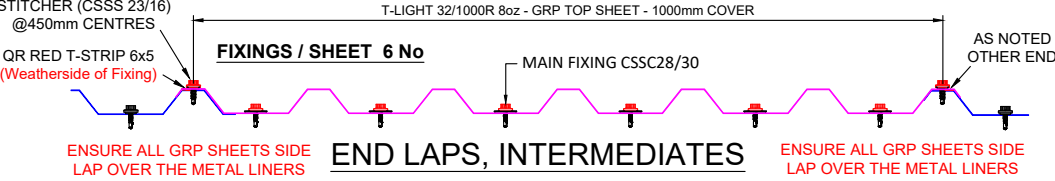
- LINER SHEET FIXING
M27G16 (CRS) or TSL36G16 (HRS)
- MATRIX BRACKET- 2 NO.
M27G16 (CRS) or TSL36G16 (HRS)
- STITCHER CSCC23/16
- MAIN FIXING CSCC28/16
- GRP LINER SHEET FIXING - TSC20G29
- EXTERNAL GRP SHEET - CSCC28/30
- GRP STITCHER GRP - CSCC23/16
- T-FOIL PLUS TAPE 50 x 15m ROLL
- T-STRIP 6 x 5mm - 9.6m ROLL
- T-STRIP 18 x 4mm U - 12m ROLL
- T-STRIP 10 x 8mm V - 6m ROLL
- 50 x 3mm FOAM TAPE
- T-BUTYL CARTERIDGE

Note: T-STRIP QR (Red) version required to all external rooflight end & side laps zones

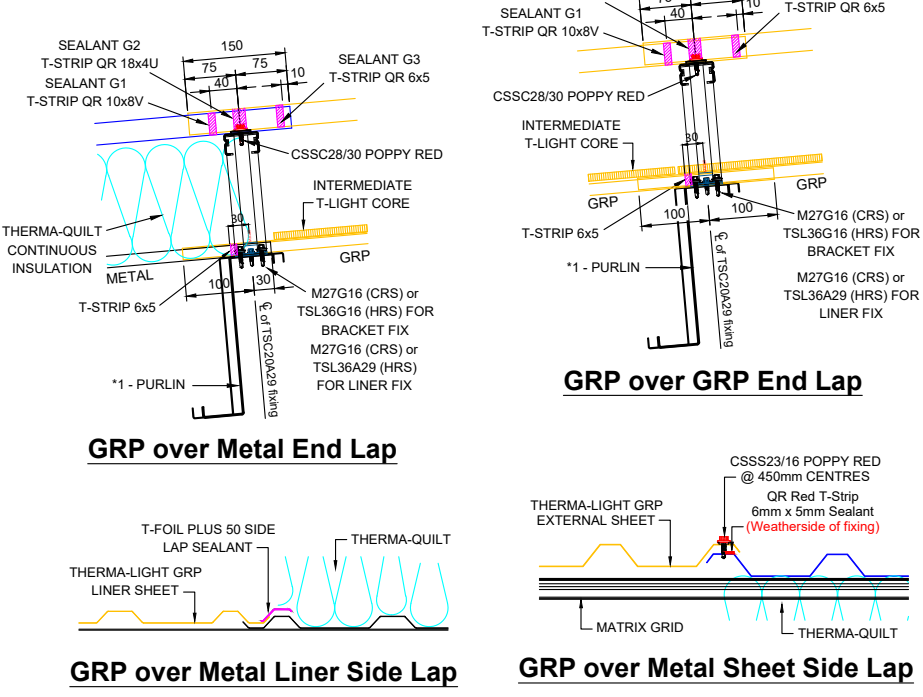
GRP LINER SHEET FIXING



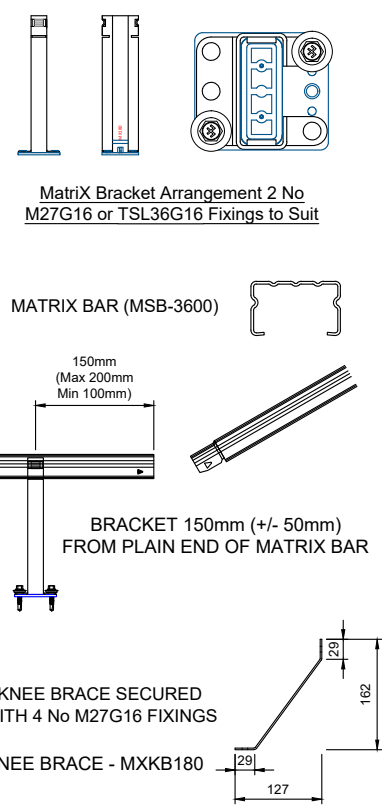
TOP SHEET FIXING



GRP LAPS



MATRIX GRID



CRITICAL FIXER NOTE: SEE CA INSTALLATION GUIDE FOR ADDITIONAL T-STRIP LAP REQUIREMENTS TO SUIT THE ROOFLIGHT AREAS

SYSTEM TO BE INSTALLED IN CONJUNCTION WITH THE CA CHRONUS ROOF INSTALLATION GUIDE

AB1 26/05/22
C01 08/11/21
Rev Date
Issued for Construction
Comment Initial

Drawing Status CONSTRUCTION
Drawing Title ROOF BUILT-UP INSTALLATION GUIDE (CA TWIN-THERM 32/1000 [0.4 LINER])

Client winvic
Project TUNGSTEN - WAKEFIELD
Drg Code P21024_IRC_U1_XX_DR_105
Drg Scale N.T.S. @ A3 Date 11/12/2020 Drg No 105 Rev AB1
Drawn W.S. Checked -

G/L

AIR SEAL NOTE: 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE: FIXING REQUIRED TO EVERY PAN

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)
BUILT-UP (Chronus) : 152mm THICK CA TWIN-THERM SYSTEM
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 150 FOR GUTTER LAYOUT INFO

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @
MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

EAVES CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - ROOF SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO CLOSERS
WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV TOPHAT PRIMARY FIXING TO STEELWORK
2 NO. MAIN FIX SCREWS PER FIXING LEG (4 NO. SCREWS TOTAL)

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING
SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL FIXINGS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO
ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC
&/OR FOAM TAPE

ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF
2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV
SUPPORTS TO PREVENT BI-METALIC CORROSION

NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE
FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS

CA 32/1000R TOP SHEET PROFILE
COLOUR: HPS200 ULTRA - GOOSE WING GREY

180mm THK CA THERMA-QUILT INSULATION
CONTINUOUS FROM EAVES TO VALLEY

CA 17/1000RL LINER SHEET PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL NOTE - ALL JOINTS & VOIDS IN STEELWORK
ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE: 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE: FIXING REQUIRED TO EVERY PAN

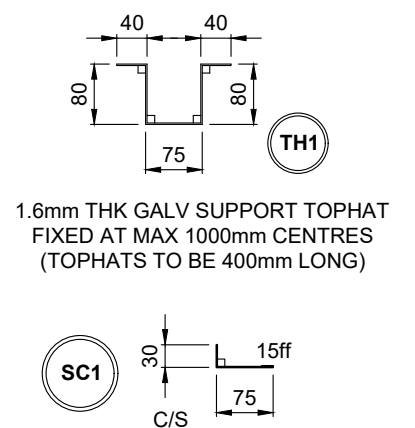
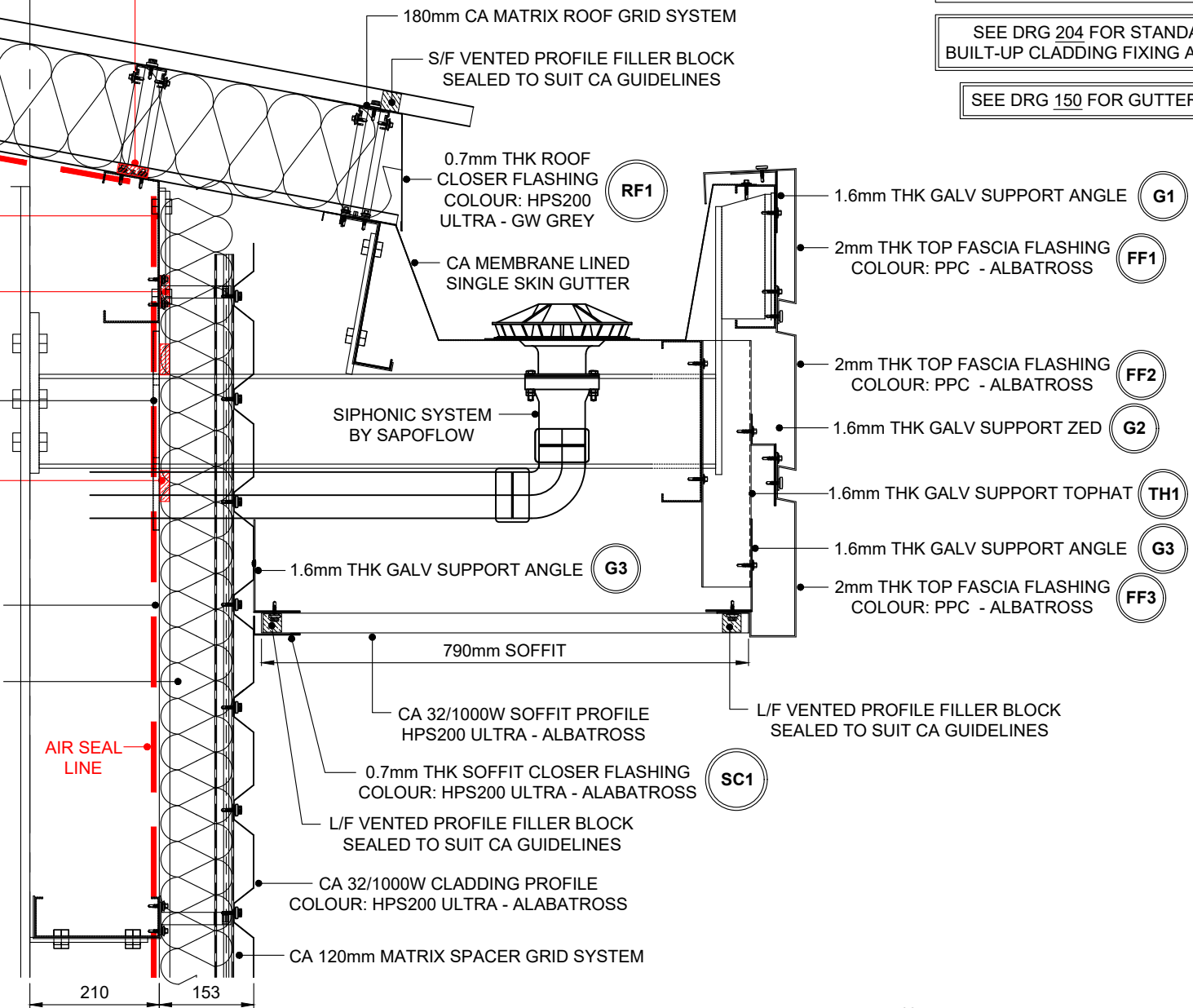
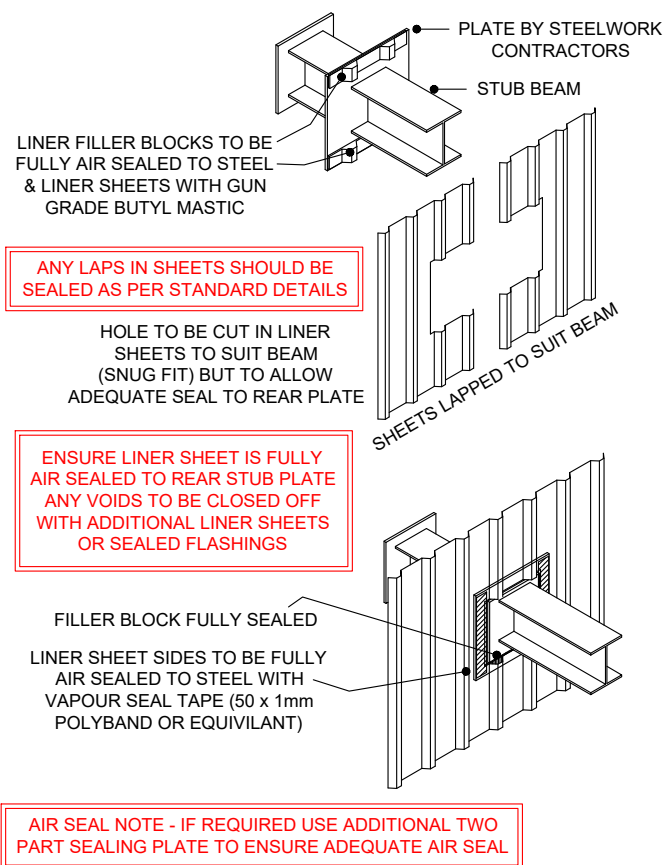
P1 0.7mm THICK TWO PART SEALING PLATE
COLOUR: BRIGHT WHITE LINER (IF REQ'D)

AIR SEAL - LINER SHEETS TO BE NOTCHED
AROUND STUB BEAM & FULLY SEALED TO
PLATE WITH FILLER BLOCKS TOP & BOTTOM
& T-FOIL PLUS 80 TAPE TO PLATE SIDES
(SEE ISOMETRIC DETAIL FOR INFORMATION)

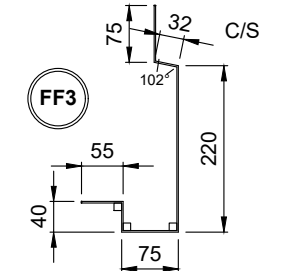
CA 17/1000L LINER SHEET PROFILE
COLOUR: BRIGHT WHITE

120mm THK THERMA-QUILT INSULATION

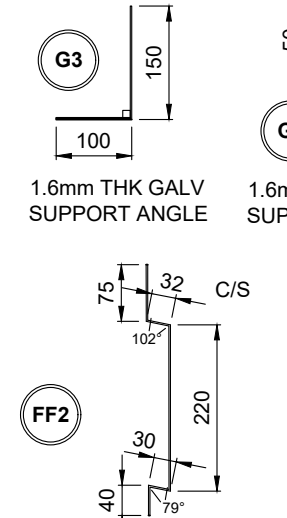
STUB BEAM AIR SEAL DETAIL



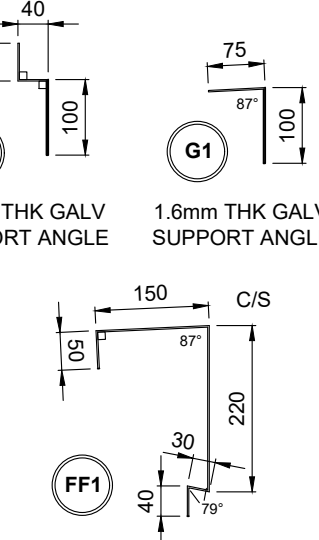
0.7mm THK SOFFIT CLOSER FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS



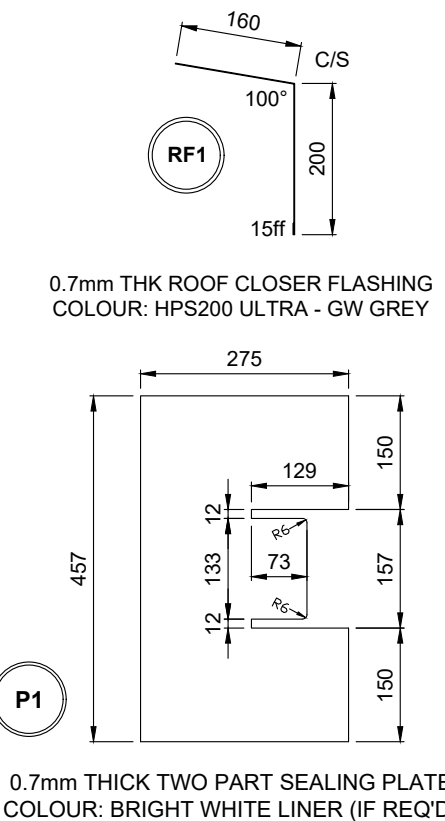
2mm THK BOTTOM FASCIA
COLOUR: PPC - ALBATROSS



2mm THK MIDDLE FASCIA
COLOUR: PPC - ALBATROSS



2mm THK TOP FASCIA
COLOUR: PPC - ALBATROSS



AB1 26/05/22
C01 21/10/21

Issued for As Built
Issued for construction

W.S.
W.S.

Rev Date Comment Initial

Drawing Status AS BUILT

Drawing Title EAVES DETAIL - 32/1000 CLADDING
(ROOF 32/1000 BUILT-UP)

Client

winvic

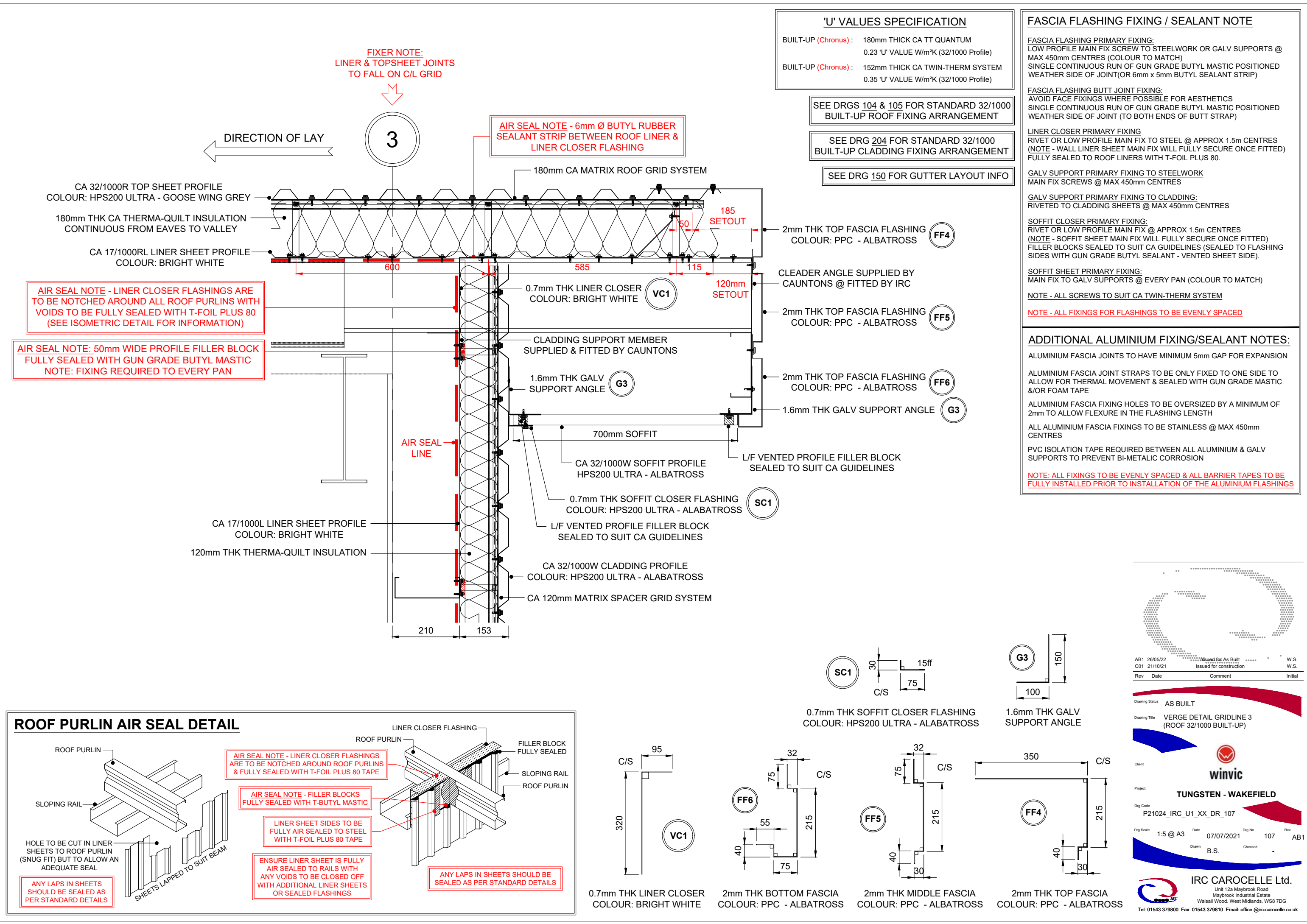
Project TUNGSTEN - WAKEFIELD

Dwg Code P21024_IRC_U1_XX_DR_106

Dwg Scale 1:10 @ A3 Date 07/07/2021 Dwg No 106 Rev AB1

Drawn B.S. Checked

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Unit 12a Maybrook Road
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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



'U' VALUES SPECIFICATION	
BUILT-UP (Chronus) :	180mm THICK CA TT QUANTUM 0.23 'U' VALUE W/m²K (32/1000 Profile)
BUILT-UP (Chronus) :	152mm THICK CA TWIN-THERM SYSTEM 0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000 BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000 BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 150 FOR GUTTER LAYOUT INFO

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT(OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

LINER CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX TO STEEL @ APPROX 1.5m CENTRES (NOTE - WALL LINER SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FULLY SEALED TO ROOF LINERS WITH T-FOIL PLUS 80.

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES (NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL FIXINGS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

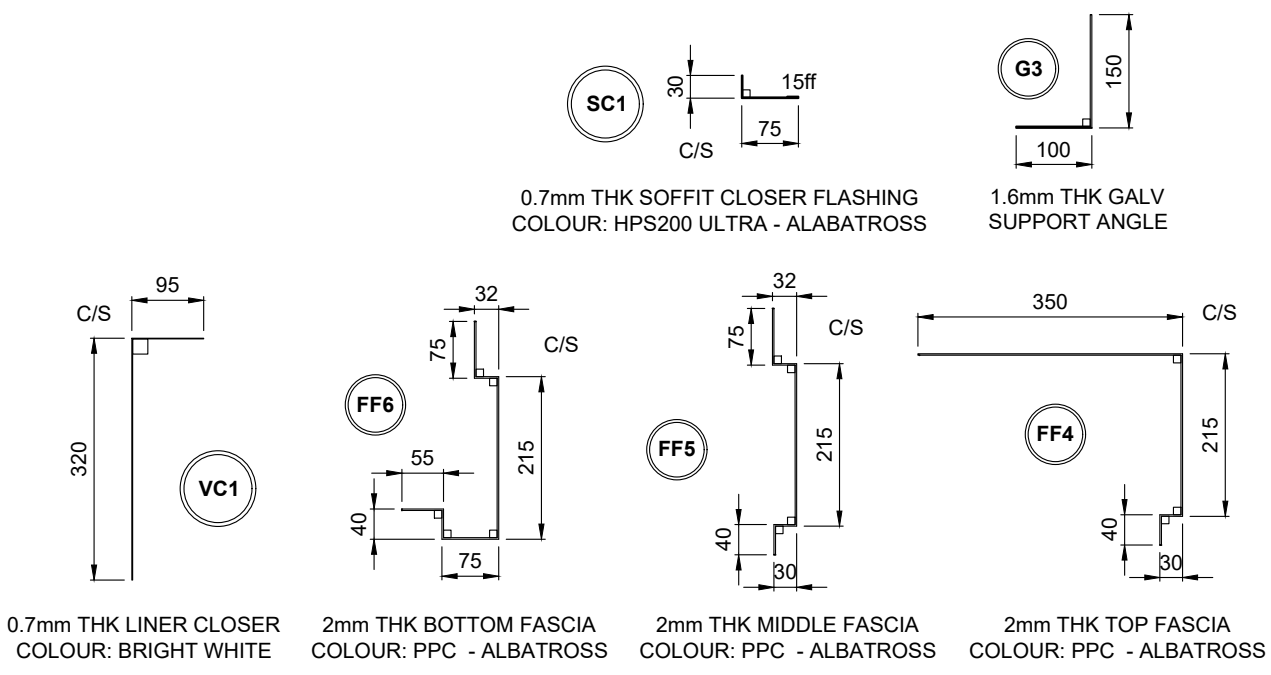
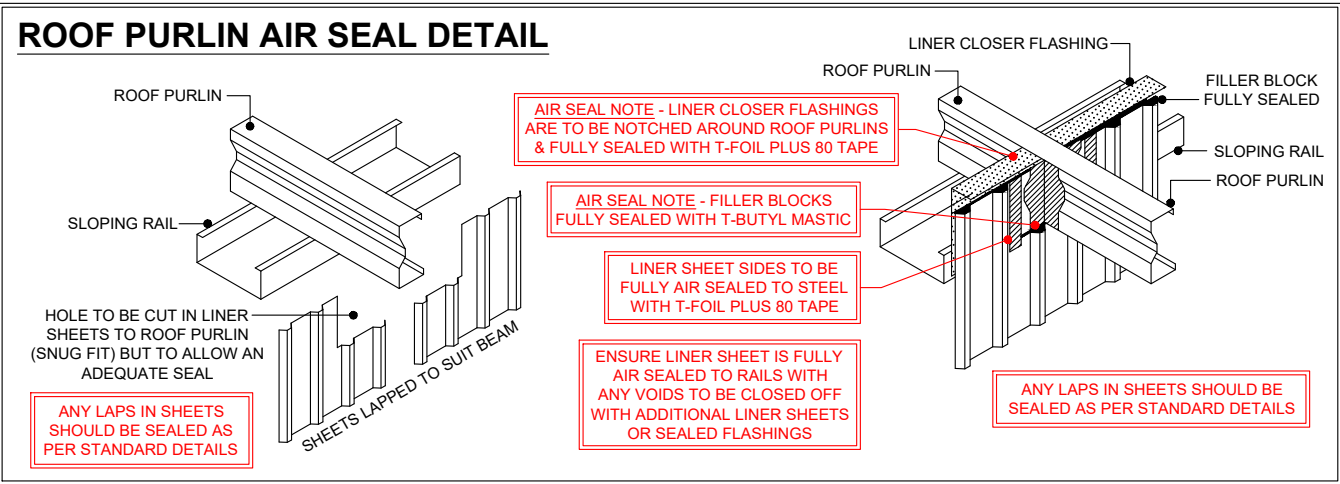
ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC &/OR FOAM TAPE

ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF 2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV SUPPORTS TO PREVENT BI-METALIC CORROSION

NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS



AB1 26/05/22
C01 21/10/21

Issued for As Built
Issued for construction

W.S.
W.S.

Rev	Date	Comment	Initial

Drawing Status: AS BUILT

Drawing Title: VERGE DETAIL GRIDLINE 3 (ROOF 32/1000 BUILT-UP)

Client: winvic

Project: TUNGSTEN - WAKEFIELD

Dwg Code: P21024_IRC_U1_XX_DR_107

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 107 Rev: AB1

Drawn: B.S. Checked: -

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'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)

BUILT-UP (Chronus) : 152mm THICK CA TWIN-THERM SYSTEM
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 150 FOR GUTTER LAYOUT INFO

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @
MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

LINER CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX TO STEEL @ APPROX 1.5m CENTRES
(NOTE - WALL LINER SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FULLY SEALED TO ROOF LINERS WITH T-FOIL PLUS 80.

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING
SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

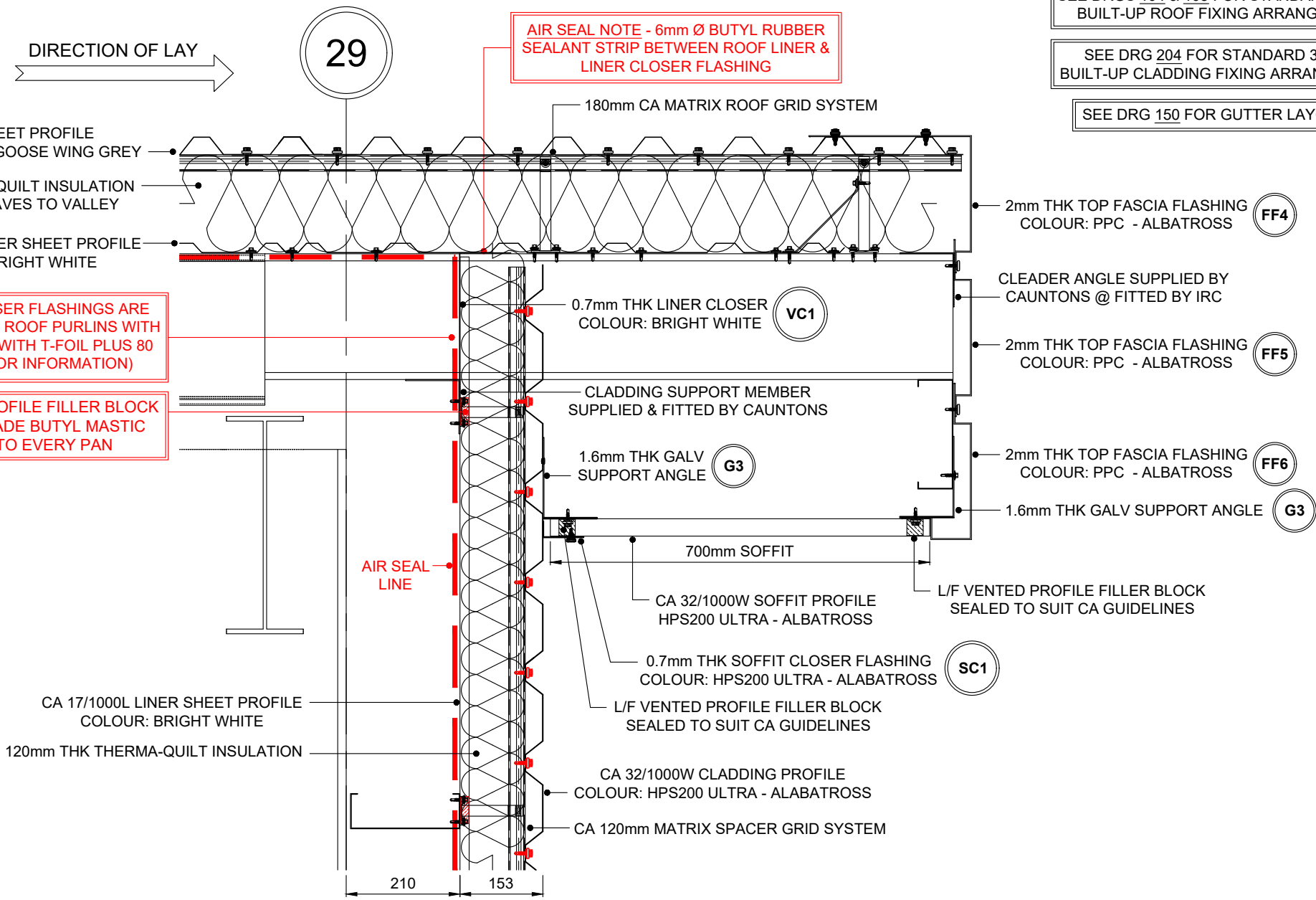
ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO
ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC
&/OR FOAM TAPE

ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF
2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm
CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV
SUPPORTS TO PREVENT BI-METALIC CORROSION

NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE
FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS

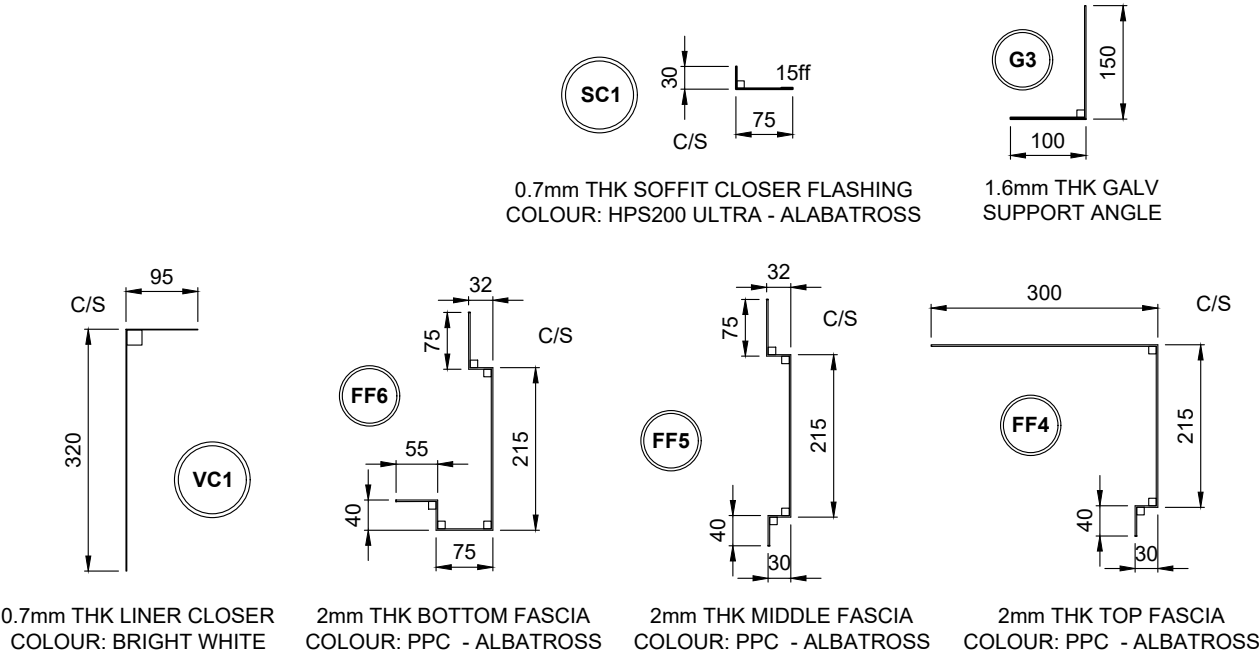
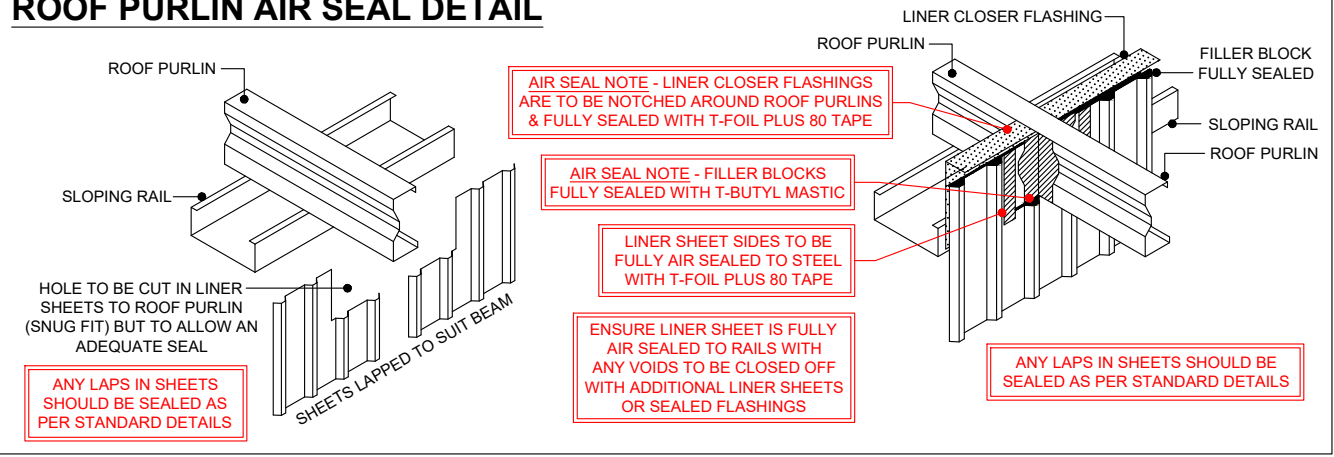


AIR SEAL NOTE - LINER CLOSER FLASHINGS ARE
TO BE NOTCHED AROUND ALL ROOF PURLINS WITH
VOIDS TO BE FULLY SEALED WITH T-FOIL PLUS 80
(SEE ISOMETRIC DETAIL FOR INFORMATION)

AIR SEAL NOTE: 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE: FIXING REQUIRED TO EVERY PAN

AIR SEAL NOTE - 6mm Ø BUTYL RUBBER
SEALANT STRIP BETWEEN ROOF LINER &
LINER CLOSER FLASHING

ROOF PURLIN AIR SEAL DETAIL



AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status: AS BUILT

Drawing Title: VERGE DETAIL GRIDLINE 29 (ROOF 32/1000 BUILT-UP)

Client: winvic

Project: TUNGSTEN - WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_108

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 108 Rev: AB1

Drawn: B.S. Checked: -

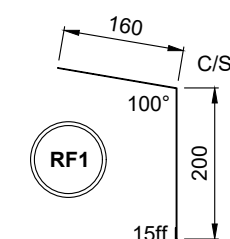
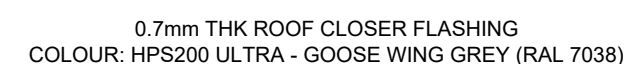
IRC CAROCHELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands, WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

ROOF CLOSER FLASHING PRIMARY FIXING:
RIVET OR LOW PROFILE FIX TO GRID @ APPROX 1,500 CRS
(NOTE - TOP SHEET FIXINGS WILL FULLY SECURE ONCE FITTED)
LAPPED @ 150 AND FULLY SEALED WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

BUILT-UP (Chronus) :	180mm THICK CA TT QUANTUM 0.23 'U' VALUE W/m ² K (32/1000 Profile)
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SEE DRG 150 FOR GUTTER LAYOUT INFO



AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Title VALLEY DETAIL
(ROOF 32/1000 BUILT-UP)



TUNGSTEN - WAKEFIELD

Drg Scale 1:10 @ A3 Date 07/07/2021 Drg No 109 Rev AB1
Drawn B.S. Checked -

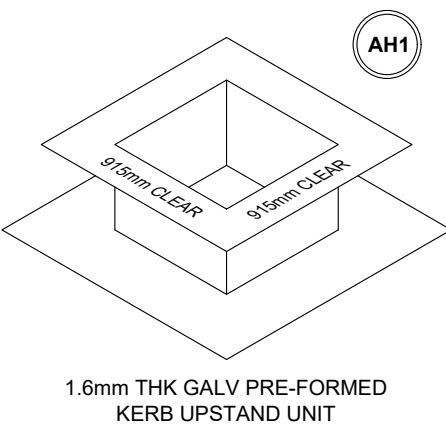
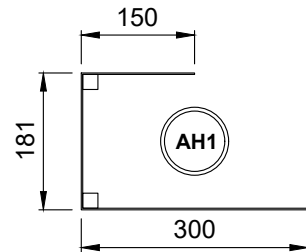
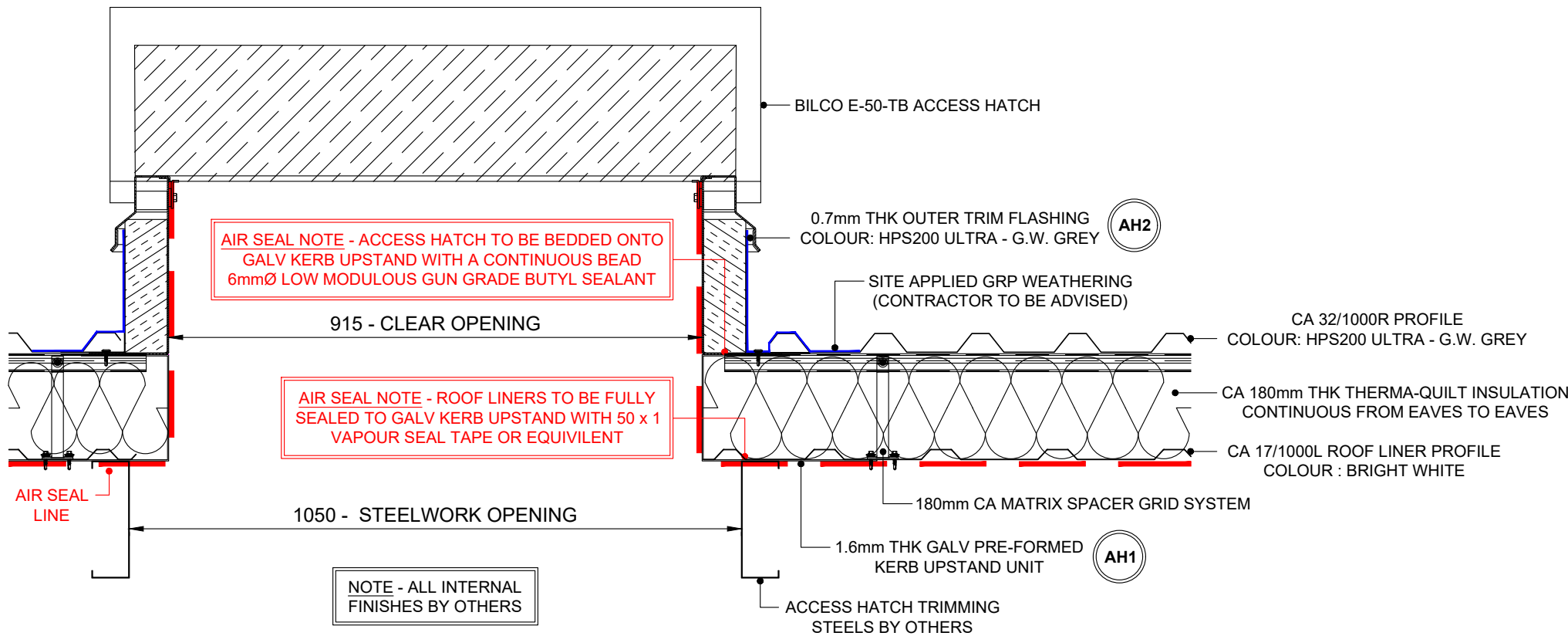
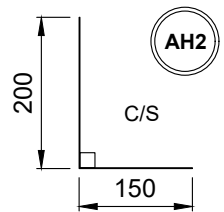
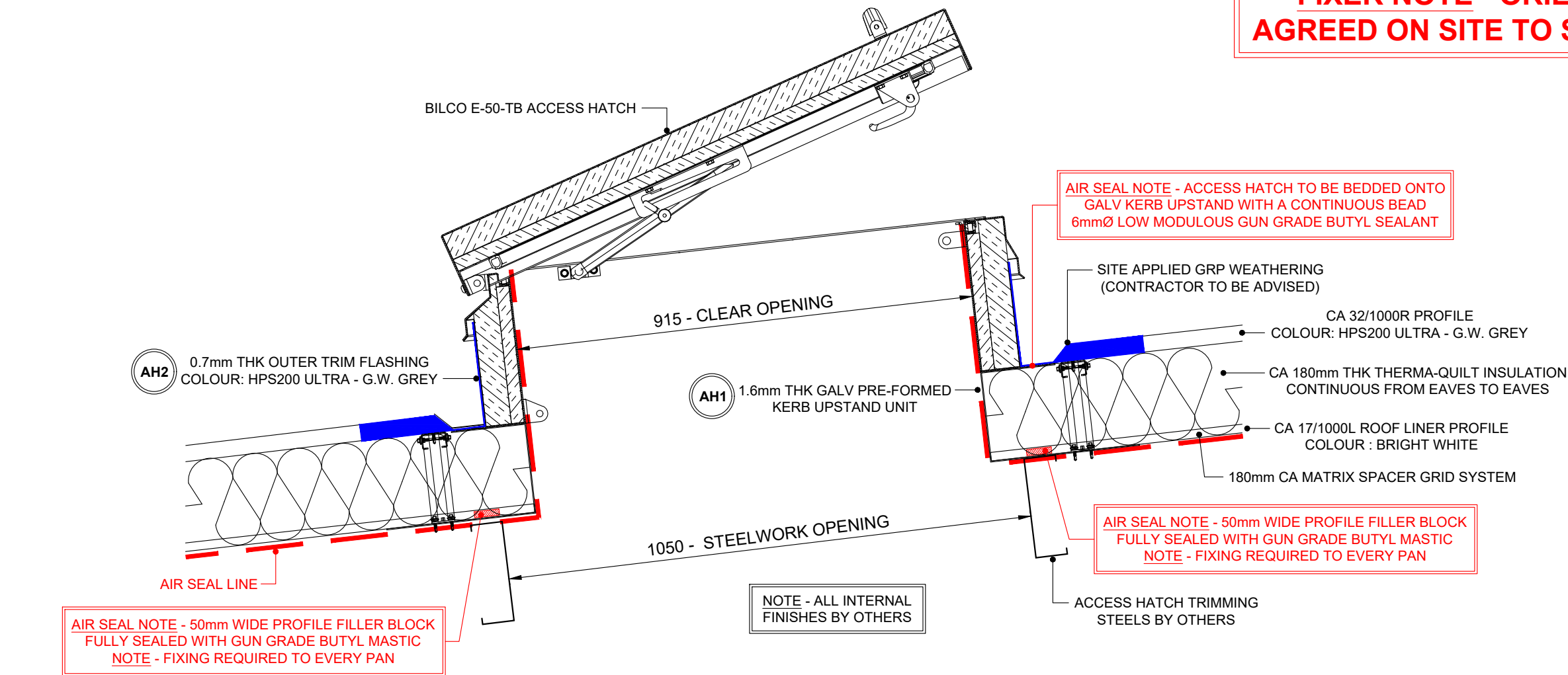
 **IRC CAROCELLE Ltd.**
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

FIXER NOTE - ORIENTATION OF HATCH TO BE AGREED ON SITE TO SUIT LADDER LOCATIONS ETC

U VALUES SPECIFICATION

BUILT UP ROOF SYSTEM: 213mm Thick CA Twin-Therm System (Chronus)
(0.4mm THK LINER) 0.23 'U' VALUE W/m²K (32/1000 Profile)

SEE DRAWINGS 104 & 105 FOR 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT



0.7mm THK OUTER TRIM FLASHING COLOUR: HPS200 ULTRA - G.W. GREY

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT

Drawing Title: ACCESS HATCH DETAIL

Client: winvic

Project: TUNGSTEN - WAKEFIELD

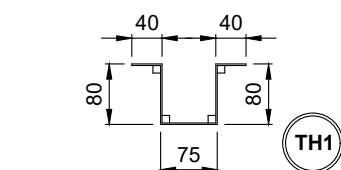
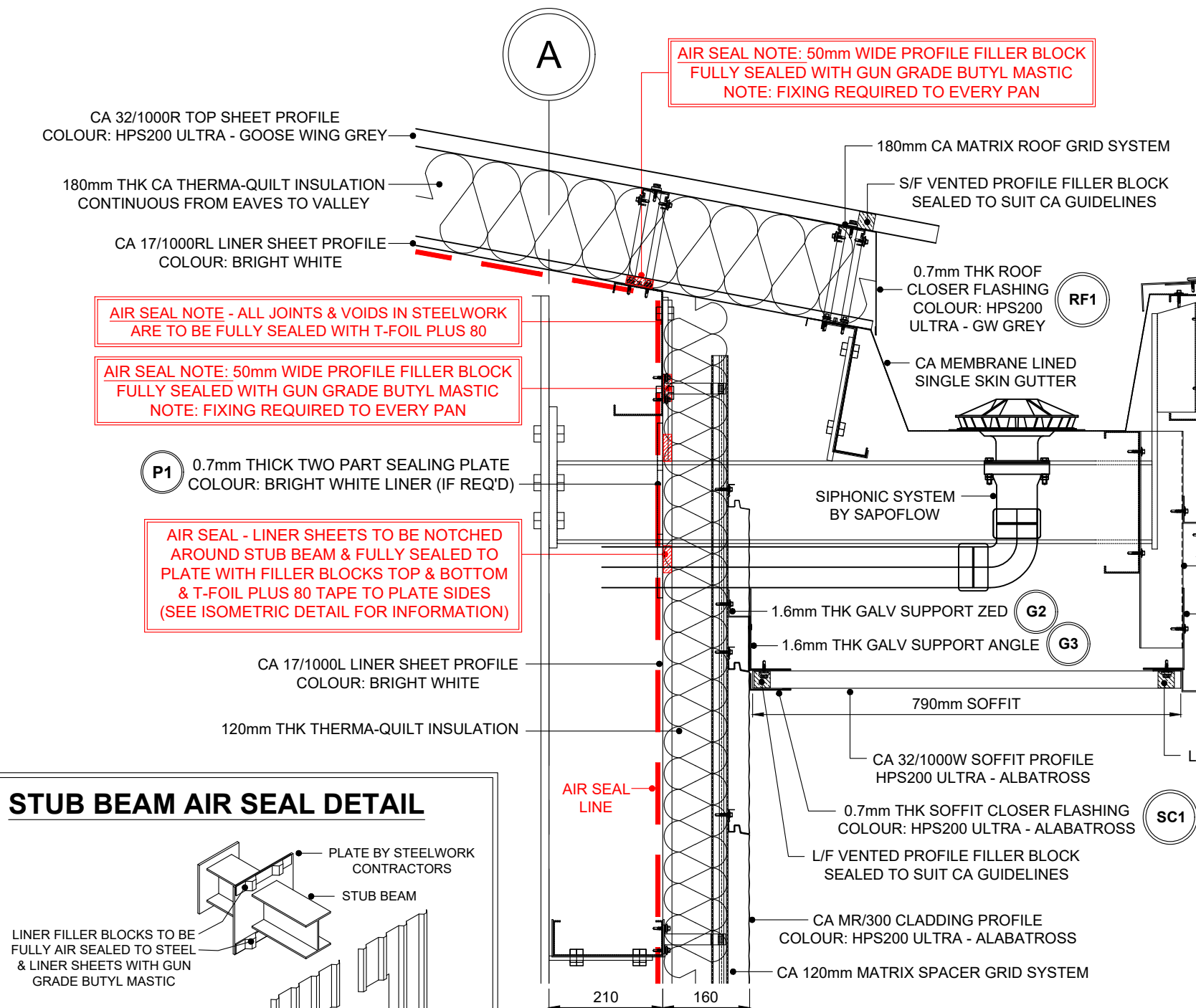
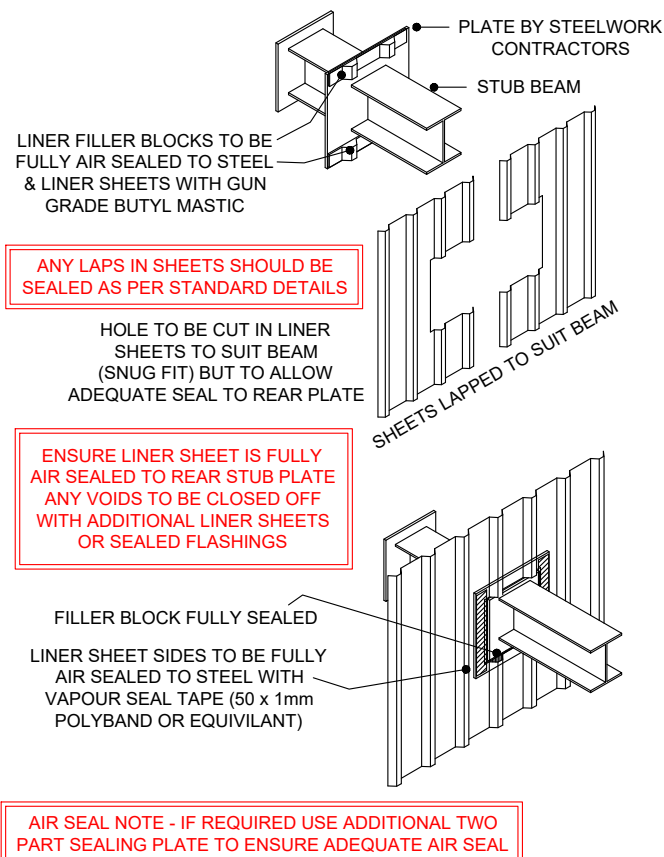
Drg Code: P21024_IRC_U1_XX_DR_110

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 110 Rev: AB1

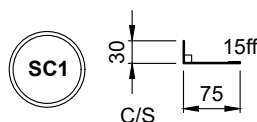
Drawn: B.S. Checked: -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

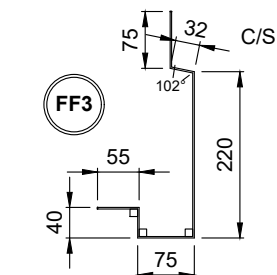
STUB BEAM AIR SEAL DETAIL



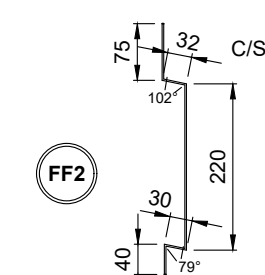
1.6mm THK GALV SUPPORT TOPHAT
FIXED AT MAX 1000mm CENTRES
(TOPHATS TO BE 400mm LONG)



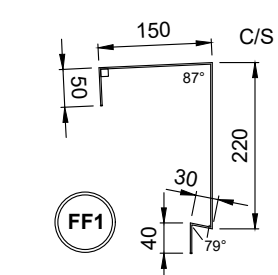
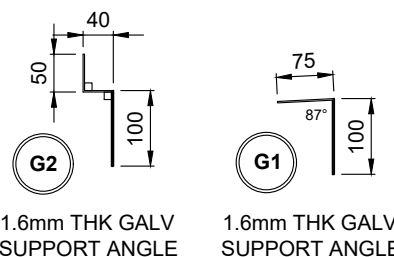
0.7mm THK SOFFIT CLOSER FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS



2mm THK BOTTOM FASCIA
COLOUR: PPC - ALBATROSS

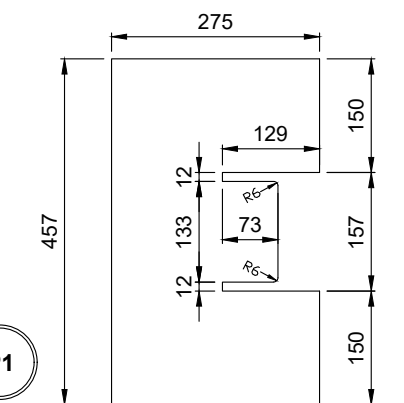


2mm THK MIDDLE FASCIA
COLOUR: PPC - ALBATROSS



2mm THK TOP FASCIA
COLOUR: PPC - ALBATROSS

0.7mm THK ROOF CLOSER FLASHING
COLOUR: HPS200 ULTRA - GW GREY



0.7mm THK TWO PART SEALING PLATE
COLOUR: BRIGHT WHITE LINER (IF REQ'D)

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 150 FOR GUTTER LAYOUT INFO

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

EAVES CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - ROOF SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO CLOSERS WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV TOPHAT PRIMARY FIXING TO STEELWORK
2 NO. MAIN FIX SCREWS PER FIXING LEG (4 NO. SCREWS TOTAL)

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL FIXINGS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

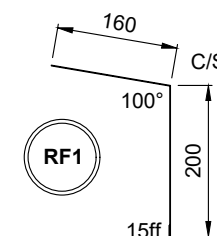
ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC &/OR FOAM TAPE


ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF 2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV SUPPORTS TO PREVENT BI-METALIC CORROSION

NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS



			
AB1 26/05/22	Issued for As Built	W.S.	
C01 21/10/21	Issued for construction	W.S.	
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title OFFICE EAVES DETAIL G/L A
(ROOF 32/1000 BUILT-UP)

Client **winvic**

Project **TUNGSTEN - WAKEFIELD**

Dwg Code P21024_IRC_U1_XX_DR_111

Dwg Scale 1:10 @ A3 Date 07/07/2021 Dwg No 111 Rev AB1

Drawn B.S. Checked -

IRC CAROCHELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands, WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

'U' VALUES SPECIFICATION	
BUILT-UP (Chronus) :	180mm THICK CA TT QUANTUM 0.23 'U' VALUE W/m²K (32/1000 Profile)
BUILT-UP (Chronus) :	160mm Thick CA Twin-Therm System 0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000 BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 150 FOR GUTTER LAYOUT INFO

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

EAVES CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES (NOTE - ROOF SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO CLOSERS WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV TOPHAT PRIMARY FIXING TO STEELWORK
2 NO. MAIN FIX SCREWS PER FIXING LEG (4 NO. SCREWS TOTAL)

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES (NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL FIXINGS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

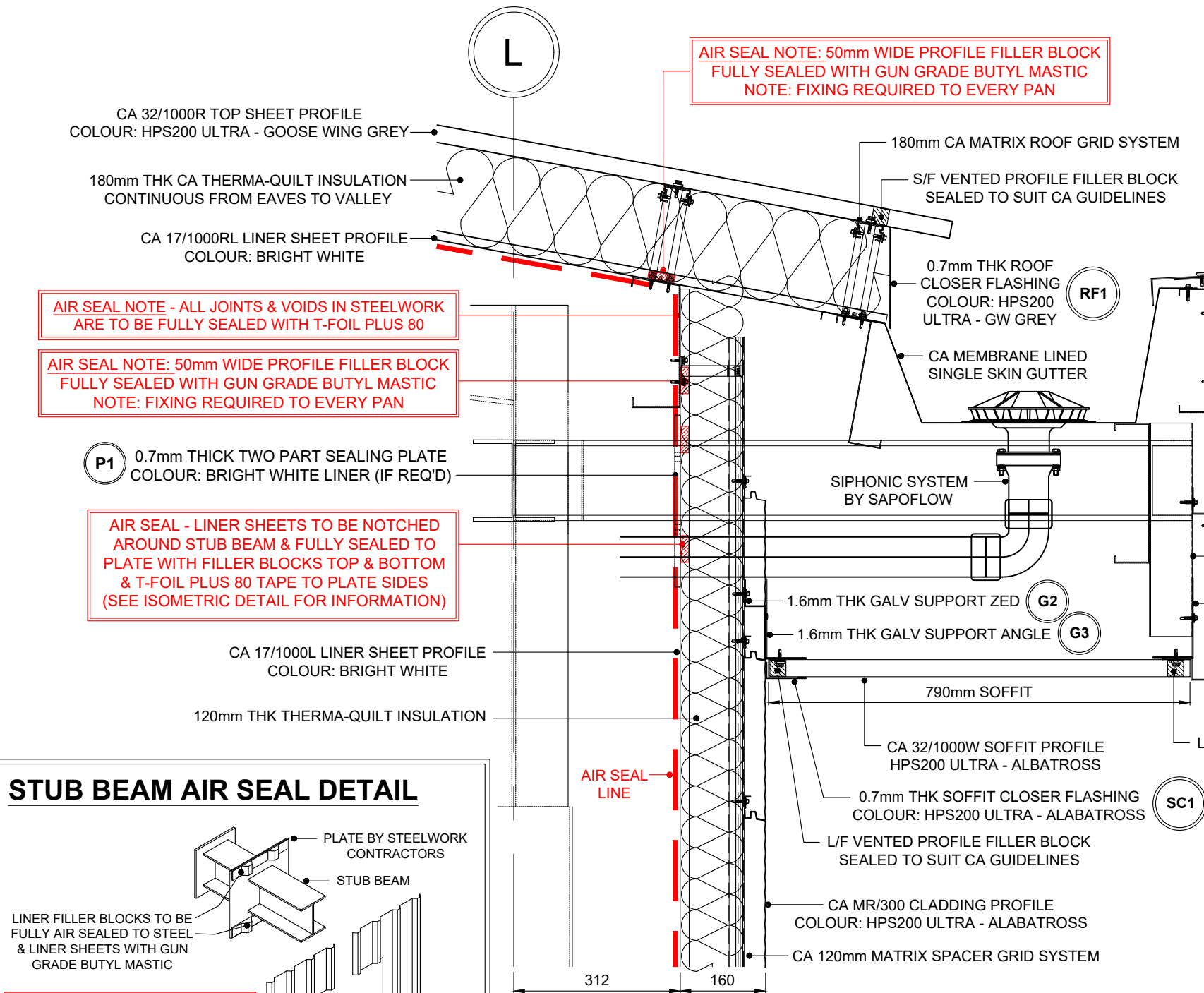
ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC &/OR FOAM TAPE

ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF 2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

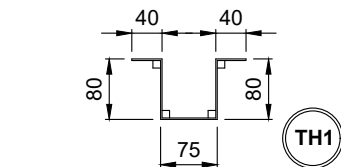
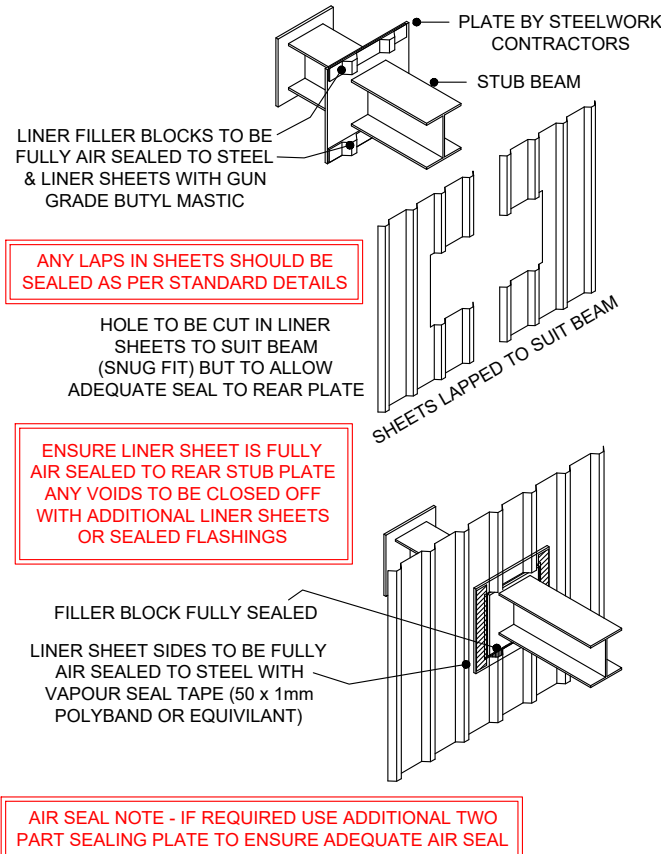
ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV SUPPORTS TO PREVENT BI-METALIC CORROSION

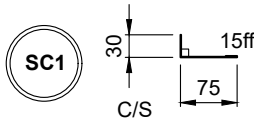
NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS



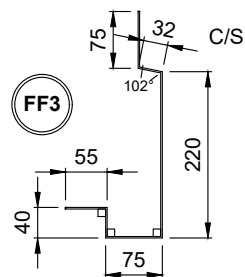
STUB BEAM AIR SEAL DETAIL



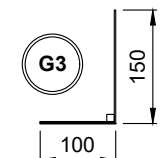
1.6mm THK GALV SUPPORT TOPHAT
FIXED AT MAX 1000mm CENTRES
(TOPHATS TO BE 400mm LONG)



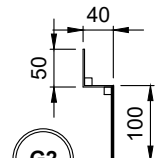
0.7mm THK SOFFIT CLOSER FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS



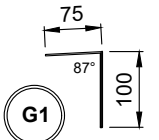
2mm THK BOTTOM FASCIA
COLOUR: PPC - ALBATROSS



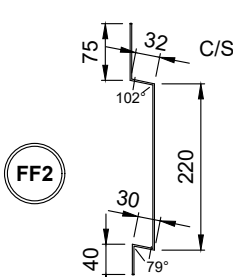
1.6mm THK GALV
SUPPORT ANGLE



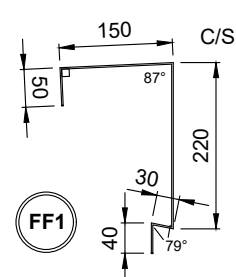
1.6mm THK GALV
SUPPORT ANGLE



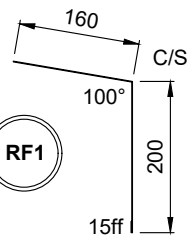
1.6mm THK GALV
SUPPORT ANGLE



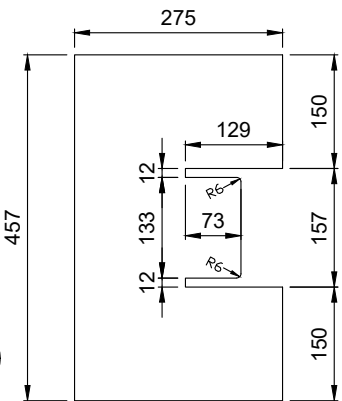
2mm THK MIDDLE FASCIA
COLOUR: PPC - ALBATROSS



2mm THK TOP FASCIA
COLOUR: PPC - ALBATROSS



0.7mm THK ROOF CLOSER FLASHING
COLOUR: HPS200 ULTRA - GW GREY



0.7mm THK TWO PART SEALING PLATE
COLOUR: BRIGHT WHITE LINER (IF REQ'D)

AB1 26/05/22	Issued for As Built	W.S.	
C01 21/10/21	Issued for construction	W.S.	
Rev	Date	Comment	Initial
Drawing Status AS BUILT			
Drawing Title OFFICE EAVES DETAIL G/L L (ROOF 32/1000 BUILT-UP)			
Client winvic			
Project TUNGSTEN - WAKEFIELD			
Dwg Code	P21024_IRC_U1_XX_DR_112		
Dwg Scale	1:10 @ A3	Date	07/07/2021
Drawn	B.S.	Checked	-
Dwg No	112	Rev	AB1
IRC CAROCHELLE Ltd. Unit 12a Maybrook Road Maybrook Industrial Estate Walsall Wood, West Midlands, WS8 7DG Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk			

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @
MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT(OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

LINER CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX TO STEEL @ APPROX 1.5m CENTRES
(NOTE - WALL LINER SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FULLY SEALED TO ROOF LINERS WITH T-FOIL PLUS 80.

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING
SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

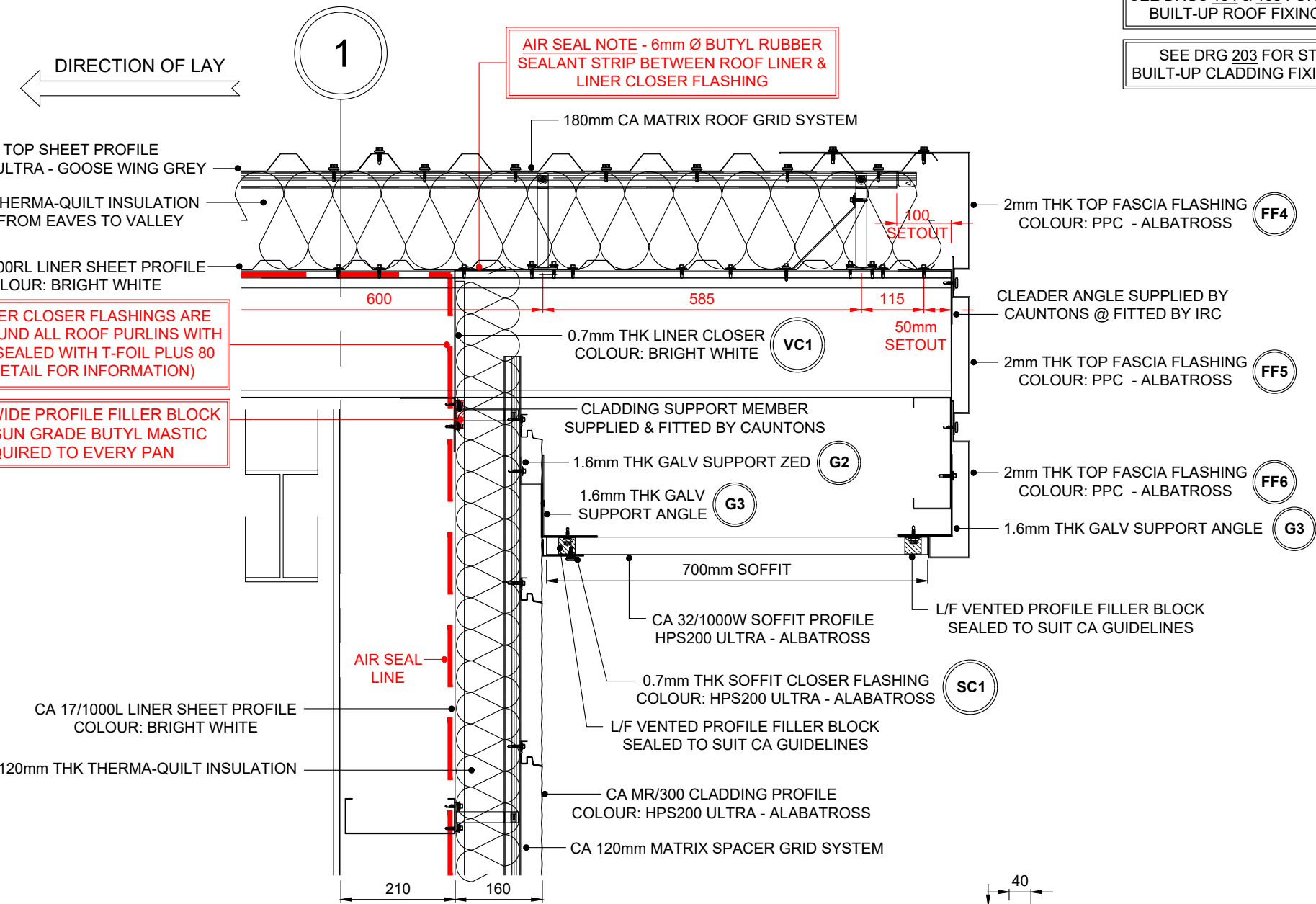
ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO
ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC
&/OR FOAM TAPE

ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF
2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

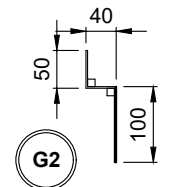
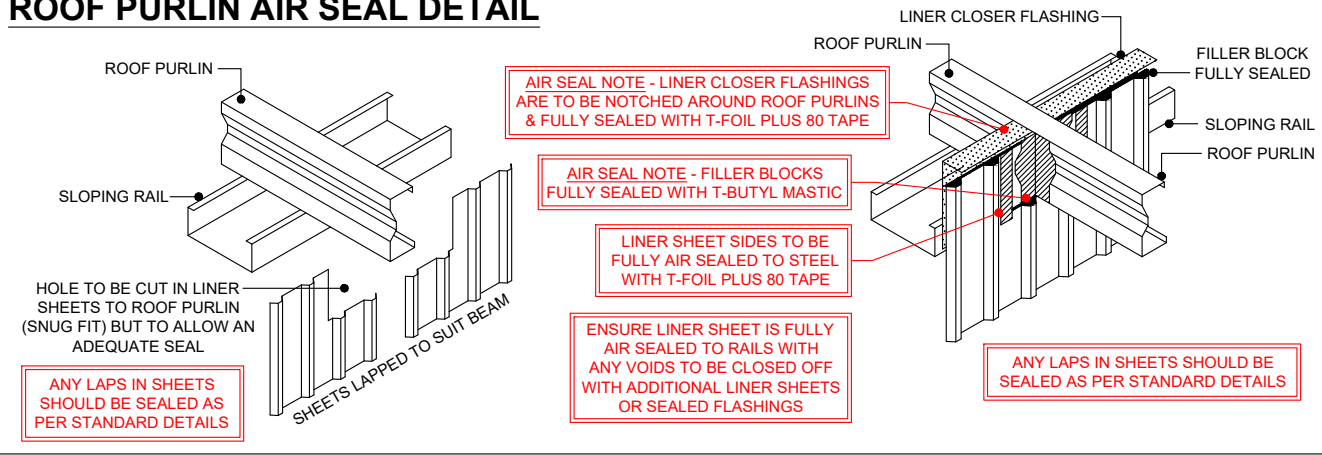
ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm
CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV
SUPPORTS TO PREVENT BI-METALIC CORROSION

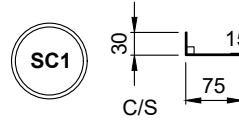
NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE
FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS



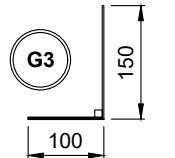
ROOF PURLIN AIR SEAL DETAIL



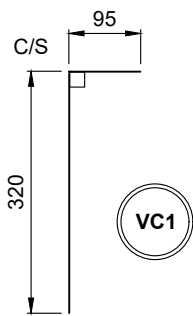
1.6mm THK GALV
SUPPORT ANGLE



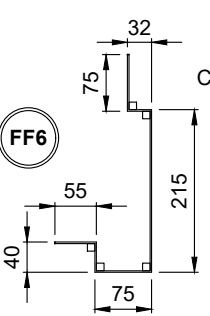
0.7mm THK SOFFIT CLOSER FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS



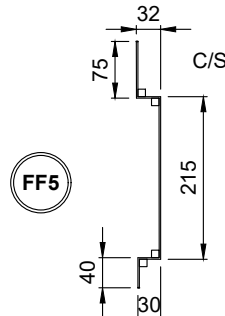
1.6mm THK GALV
SUPPORT ANGLE



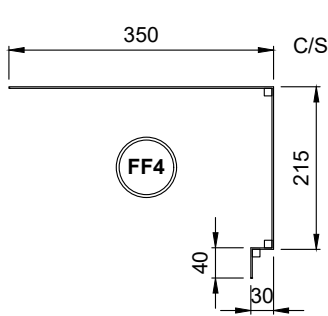
0.7mm THK LINER CLOSER
COLOUR: BRIGHT WHITE



2mm THK BOTTOM FASCIA
COLOUR: PPC - ALBATROSS



2mm THK MIDDLE FASCIA
COLOUR: PPC - ALBATROSS



2mm THK TOP FASCIA
COLOUR: PPC - ALBATROSS

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status

AS BUILT

Drawing Title

OFFICE VERGE DETAIL G/L 1
(ROOF 32/1000 BUILT-UP)

Client



Project

TUNGSTEN - WAKEFIELD

Dwg Code

P21024_IRC_U1_XX_DR_113

Dwg Scale

1:5 @ A3

Date

07/07/2021

Dwg No

113

Rev

AB1

Drawn

B.S.

Checked

-



IRC CAROCELLE Ltd.

Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands, WS8 7DG

Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

JUNCTION FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS TO SHEETING RAIL @ APPROX 1.5m CENTRES
(NOTE - WALL LINER SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
RIVET FIX TO EVERY PURLIN LOCATION AND ROOF LINERS TO FULLY SEALED TO GALV SUPPORT WITH T-FOIL PLUS 80.

APRON FLASHING PRIMARY FIXING:
MAIN FIX SCREW TO GALV CLOSER @ MAX 450mm CENTRES
STITCHER SCREW TO SHEETS @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHERSIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

LAPPED JOINT FIXINGS:
STITCHER SCREW AT 75mm - 100mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHERSIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

CLOSER FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER FIX @ MAX 450mm CENTRES (COLOUR TO MATCH)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

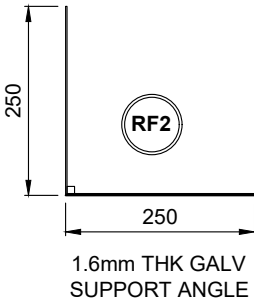
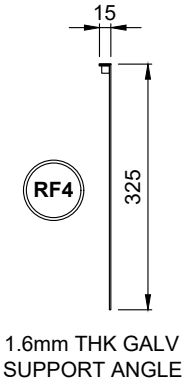
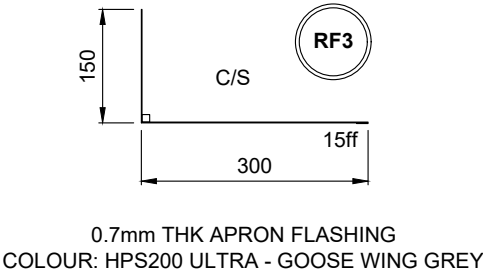
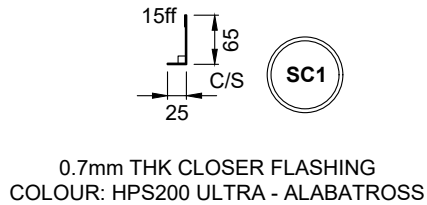
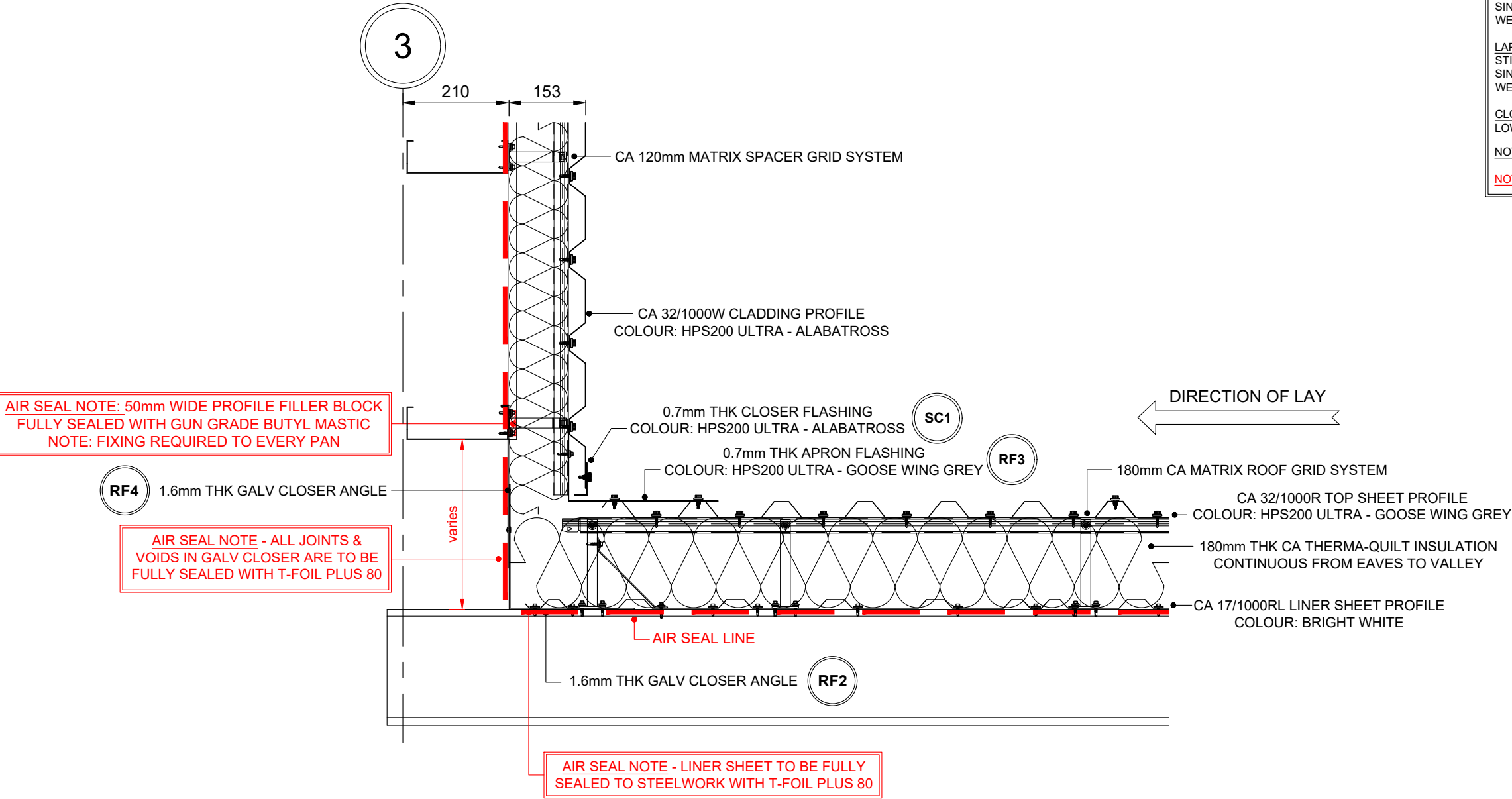
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus): 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)
BUILT-UP (Chronus): 152mm THICK CA TWIN-THERM SYSTEM
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT



AB1 26/05/22
C01 21/10/21

Issued for As Built
Issued for construction

W.S.
W.S.

Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title OFFICE JUNCTION DETAIL G/L 3
(ROOF 32/1000 BUILT-UP)

Client

winvic

Project TUNGSTEN - WAKEFIELD

Drg Code P21024_IRC_U1_XX_DR_114

Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 114 Rev AB1

Drawn B.S. Checked -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands, WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)
BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 150 FOR GUTTER LAYOUT INFO

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @
MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

EAVES CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - ROOF SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO CLOSERS
WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV TOPHAT PRIMARY FIXING TO STEELWORK
2 NO. MAIN FIX SCREWS PER FIXING LEG (4 NO. SCREWS TOTAL)

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING
SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO
ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC
&/OR FOAM TAPE

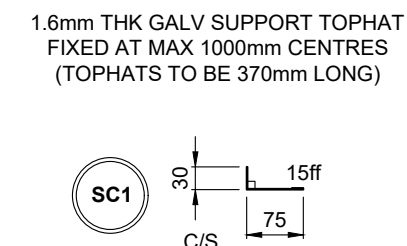
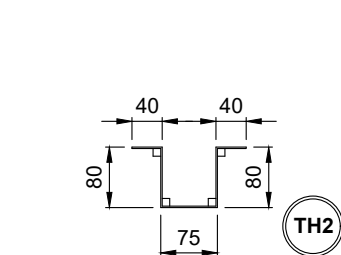
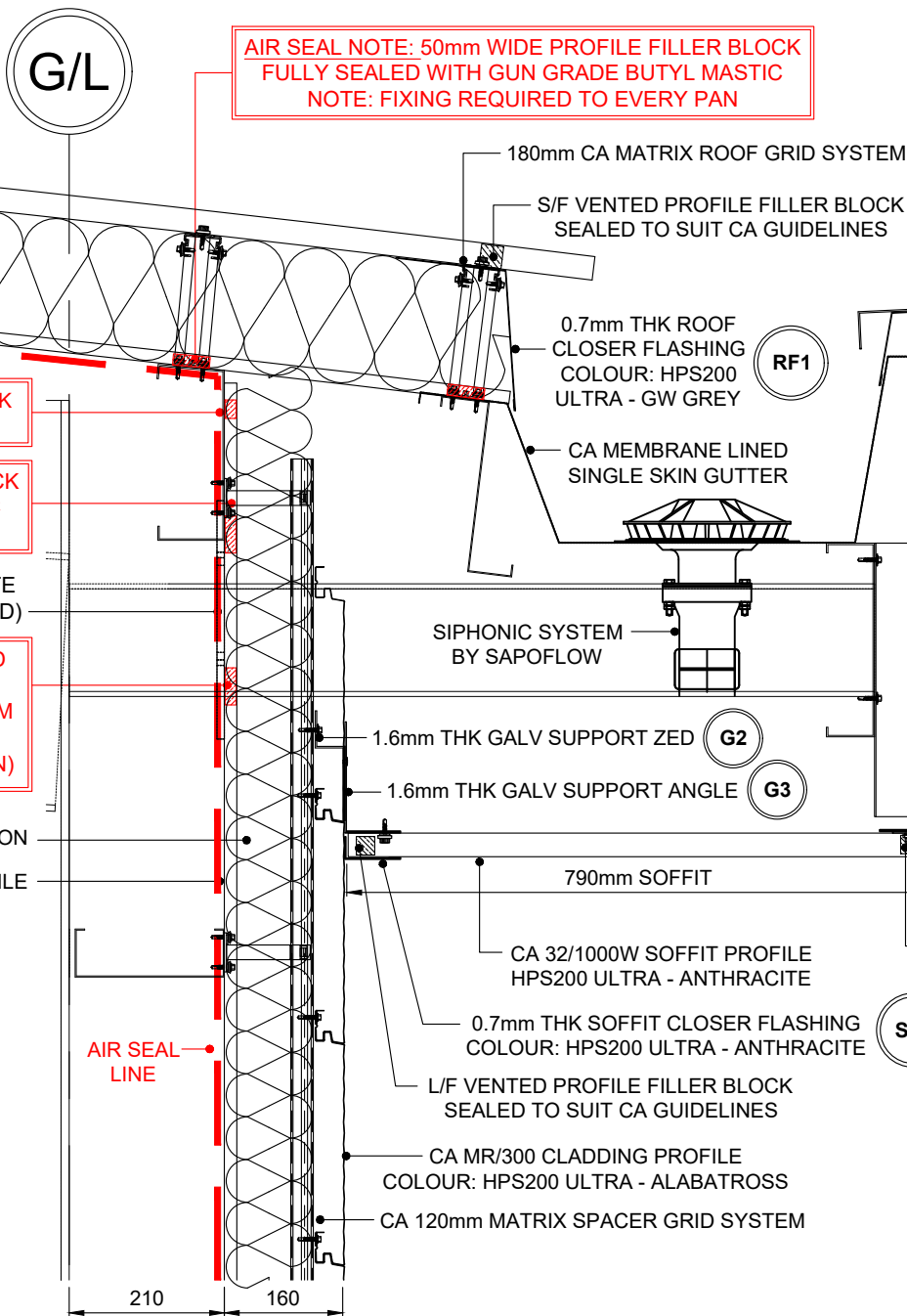
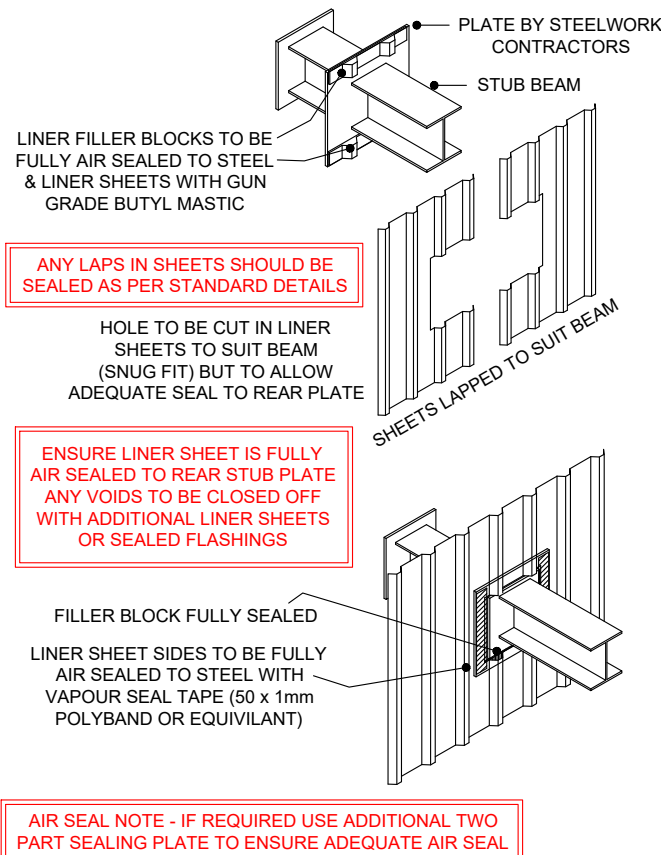
ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF
2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm CENTRES

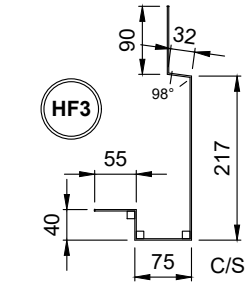
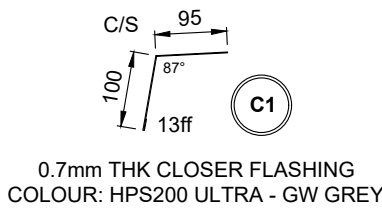
PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV
SUPPORTS TO PREVENT BI-METALIC CORROSION

NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE
FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS

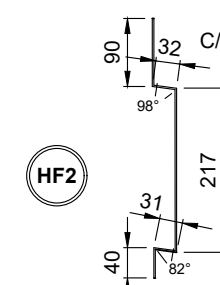
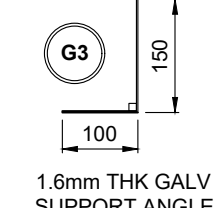
STUB BEAM AIR SEAL DETAIL



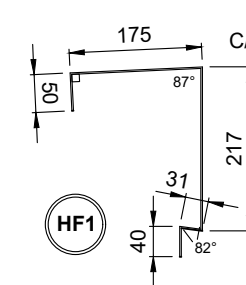
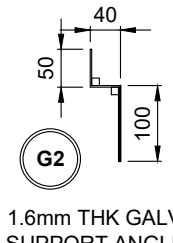
0.7mm THK SOFFIT CLOSER FLASHING COLOUR: HPS200 ULTRA - ANTHRACITE



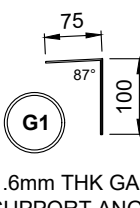
2mm THK BOTTOM FASCIA COLOUR: PPC - ANTHRACITE



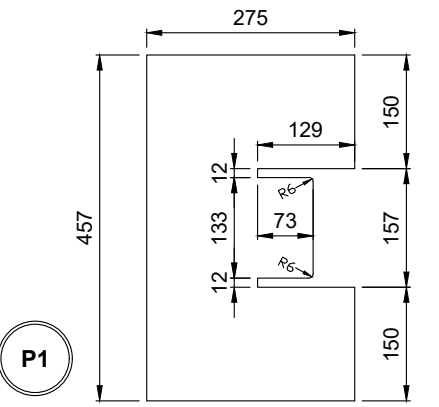
2mm THK MIDDLE FASCIA COLOUR: PPC - ANTHRACITE



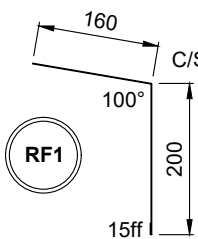
2mm THK TOP FASCIA COLOUR: PPC - ANTHRACITE



0.7mm THK ROOF CLOSER FLASHING COLOUR: HPS200 ULTRA - GW GREY



0.7mm THICK TWO PART SEALING PLATE COLOUR: BRIGHT WHITE LINER (IF REQ'D)



AB1	26/05/22	Issued for As Built	W.S.
C2	14/01/22	Fascia Colour Updated	B.S.
Rev	Date	Comment	Initial
AS BUILT			
Drawing Title	HUB EAVES DETAIL (ROOF 32/1000 BUILT-UP)		
Client	winvic		
Project	TUNGSTEN - WAKEFIELD		
Dwg Code	P21024_IRC_U1_XX_DR_115		
Dwg Scale	1:10 @ A3	Date	07/07/2021
Dwg No	115	Rev	AB1
Drawn	B.S.	Checked	-

winvic

TUNGSTEN - WAKEFIELD

P21024_IRC_U1_XX_DR_115

1:10 @ A3

07/07/2021

115

AB1

B.S.

IRC CAROCHELLE Ltd.

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Walsall Wood, West Midlands, WS8 7DG

Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 180mm THICK CA TT QUANTUM
0.23 'U' VALUE W/m²K (32/1000 Profile)

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FASCIA FLASHING FIXING / SEALANT NOTE

FASCIA FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO STEELWORK OR GALV SUPPORTS @
MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT(OR 6mm x 5mm BUTYL SEALANT STRIP)

FASCIA FLASHING BUTT JOINT FIXING:
AVOID FACE FIXINGS WHERE POSSIBLE FOR AESTHETICS
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

LINER CLOSER PRIMARY FIXING
RIVET OR LOW PROFILE MAIN FIX TO STEEL @ APPROX 1.5m CENTRES
(NOTE - WALL LINER SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FULLY SEALED TO ROOF LINERS WITH T-FOIL PLUS 80.

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS @ MAX 450mm CENTRES

GALV SUPPORT PRIMARY FIXING TO CLADDING:
RIVETED TO CLADDING SHEETS @ MAX 450mm CENTRES

SOFFIT CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - SOFFIT SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS SEALED TO SUIT CA GUIDELINES (SEALED TO FLASHING
SIDES WITH GUN GRADE BUTYL SEALANT - VENTED SHEET SIDE).

SOFFIT SHEET PRIMARY FIXING:
MAIN FIX TO GALV SUPPORTS @ EVERY PAN (COLOUR TO MATCH)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

ADDITIONAL ALUMINIUM FIXING/SEALANT NOTES:

ALUMINIUM FASCIA JOINTS TO HAVE MINIMUM 5mm GAP FOR EXPANSION

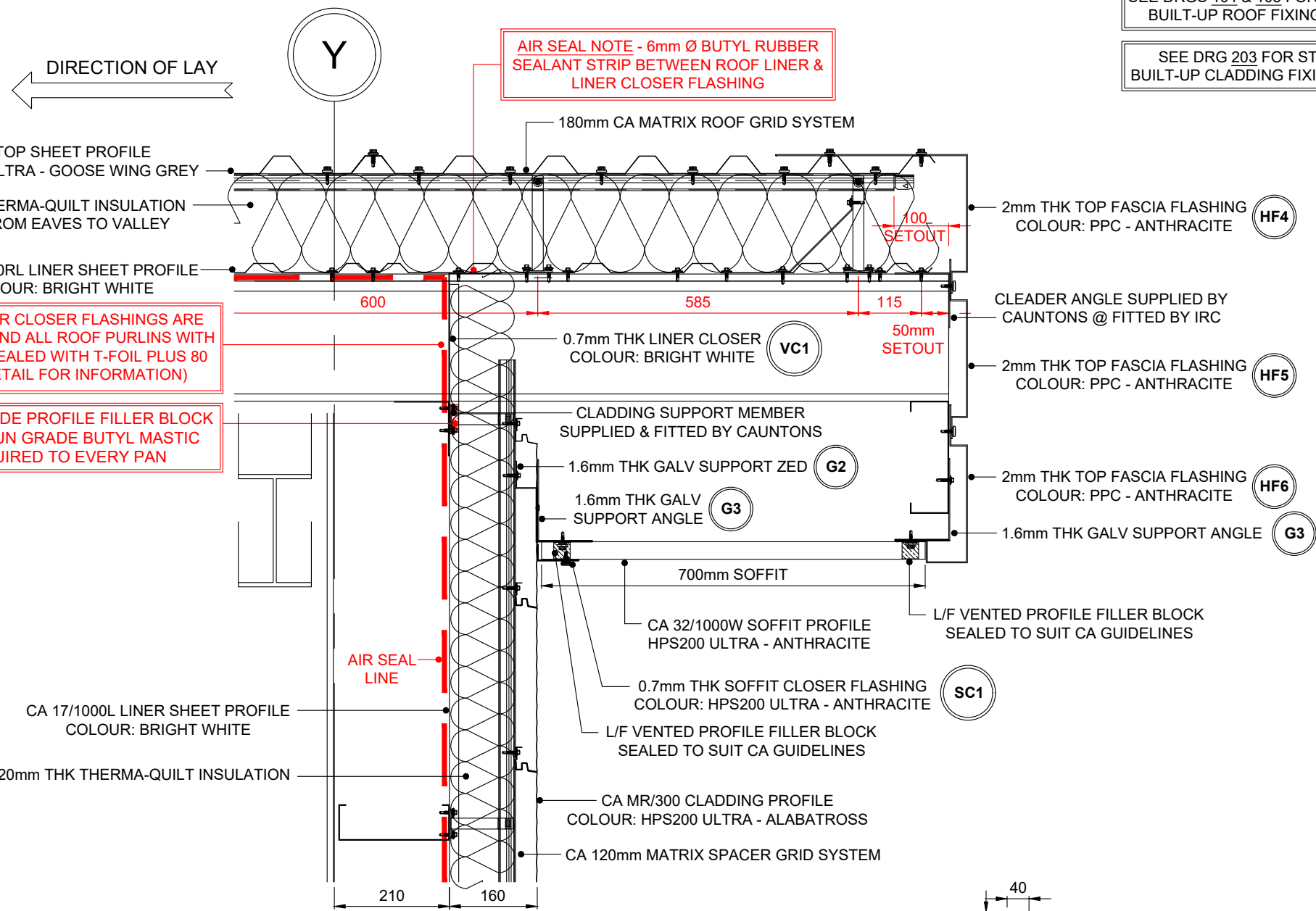
ALUMINIUM FASCIA JOINT STRAPS TO BE ONLY FIXED TO ONE SIDE TO
ALLOW FOR THERMAL MOVEMENT & SEALED WITH GUN GRADE MASTIC
&/OR FOAM TAPE

ALUMINIUM FASCIA FIXING HOLES TO BE OVERSIZED BY A MINIMUM OF
2mm TO ALLOW FLEXURE IN THE FLASHING LENGTH

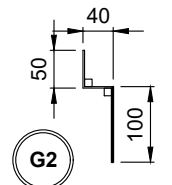
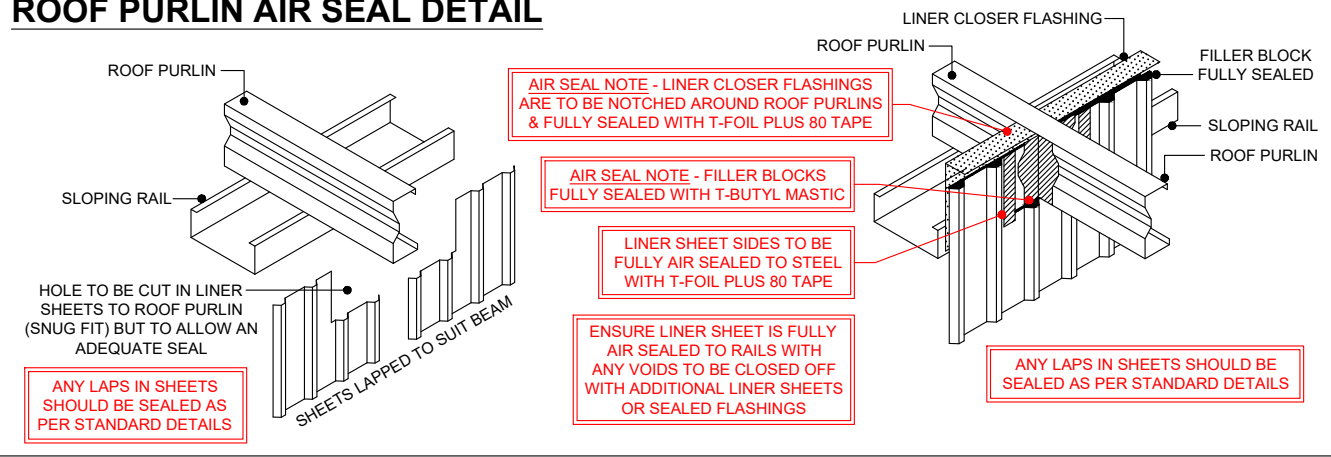
ALL ALUMINIUM FASCIA FIXINGS TO BE STAINLESS @ MAX 450mm
CENTRES

PVC ISOLATION TAPE REQUIRED BETWEEN ALL ALUMINIUM & GALV
SUPPORTS TO PREVENT BI-METALIC CORROSION

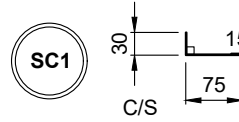
NOTE: ALL FIXINGS TO BE EVENLY SPACED & ALL BARRIER TAPES TO BE
FULLY INSTALLED PRIOR TO INSTALLATION OF THE ALUMINIUM FLASHINGS



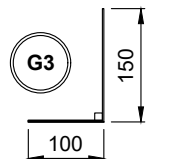
ROOF PURLIN AIR SEAL DETAIL



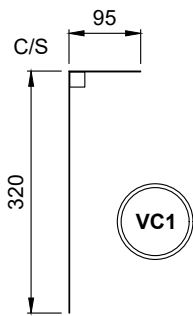
1.6mm THK GALV
SUPPORT ANGLE



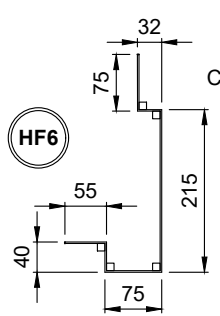
0.7mm THK SOFFIT CLOSER FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE



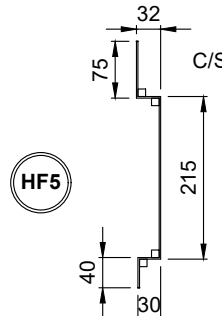
1.6mm THK GALV
SUPPORT ANGLE



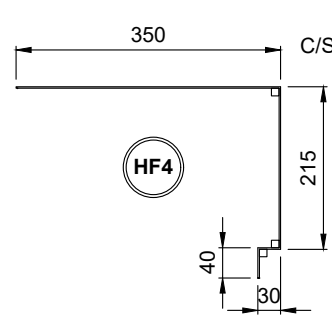
0.7mm THK LINER CLOSER
COLOUR: BRIGHT WHITE



2mm THK BOTTOM FASCIA
COLOUR: PPC - ANTHRACITE



2mm THK MIDDLE FASCIA
COLOUR: PPC - ANTHRACITE



2mm THK TOP FASCIA
COLOUR: PPC - ANTHRACITE

AB1	26/05/22	Issued for As Built	W.S.
C2	14/01/22	Fascia Colour Updated	B.S.
Rev	Date	Comment	Initial

Drawing Status

AS BUILT

Drawing Title

HUB VERGE DETAIL G/L Y
(ROOF 32/1000 BUILT-UP)

Client



Project

TUNGSTEN - WAKEFIELD

Dwg Code

P21024_IRC_U1_XX_DR_116

Dwg Scale

1:5 @ A3

Date

07/07/2021

Dwg No

116

Rev

AB1

Drawn

B.S.

Checked

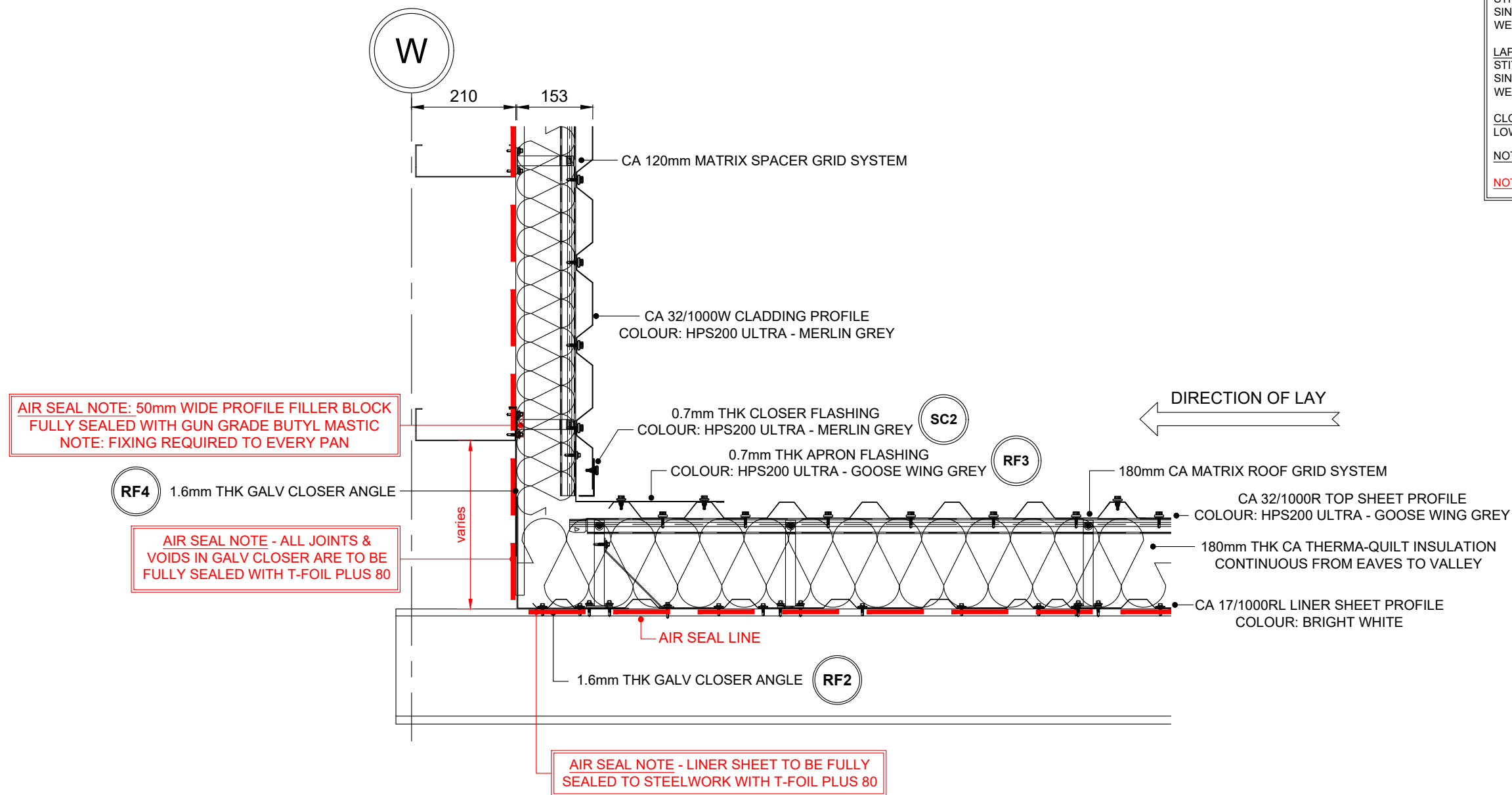
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JUNCTION FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING TO STEELWORK
MAIN FIX SCREWS TO SHEETING RAIL @ APPROX 1.5m CENTRES
(NOTE - WALL LINER SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
RIVET FIX TO EVERY PURLIN LOCATION AND ROOF LINERS TO FULLY SEALED TO GALV SUPPORT WITH T-FOIL PLUS 80.

APRON FLASHING PRIMARY FIXING:
MAIN FIX SCREW TO GALV CLOSER @ MAX 450mm CENTRES
STITCHER SCREW TO SHEETS @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHERSIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

LAPPED JOINT FIXINGS:
STITCHER SCREW AT 75mm - 100mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHERSIDE OF JOINT (OR 6mm x 5mm BUTYL SEALANT STRIP)

CLOSER FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER FIX @ MAX 450mm CENTRES (COLOUR TO MATCH)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

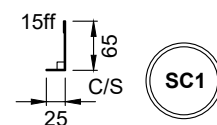
'U' VALUES SPECIFICATION

BUILT-UP (Chronus) :	180mm THICK CA TT QUANTUM
	0.23 'U' VALUE W/m²K (32/1000 Profile)
BUILT-UP (Chronus) :	152mm THICK CA TWIN-THERM SYSTEM
	0.35 'U' VALUE W/m²K (32/1000 Profile)

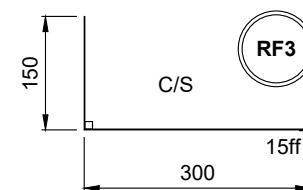
SEE DRGS 104 & 105 FOR STANDARD 32/1000
BUILT-UP ROOF FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

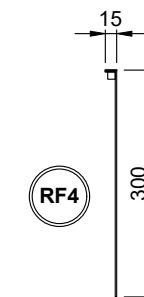
AIR SEAL NOTE - LINER SHEET TO BE FULLY
SEALED TO STEELWORK WITH T-FOIL PLUS 80



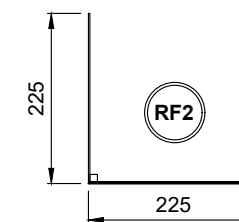
0.7mm THK CLOSER FLASHING
COLOUR: HPS200 ULTRA - ALABATROSS



0.7mm THK APRON FLASHING
COLOUR: HPS200 ULTRA - GOOSE WING GREY



1.6mm THK GALV
SUPPORT ANGLE



1.6mm THK GALV
SUPPORT ANGLE

AB1	26/05/22	Issued for As Built	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title HUB JUNCTION DETAIL G/L W
(ROOF 32/1000 BUILT-UP)

Client



Project

TUNGSTEN - WAKEFIELD

Dwg Code

P21024_IRC_U1_XX_DR_117

Dwg Scale

1:5 @ A3

Date

07/07/2021

Dwg No

117

Rev

AB1

Drawn

B.S.

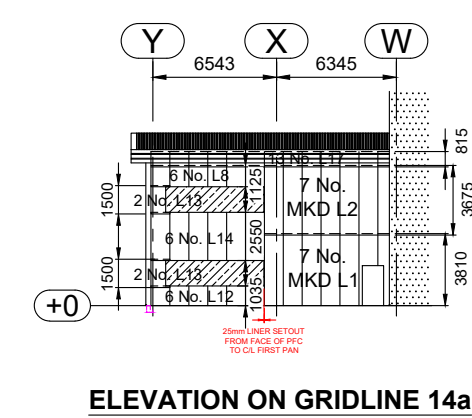
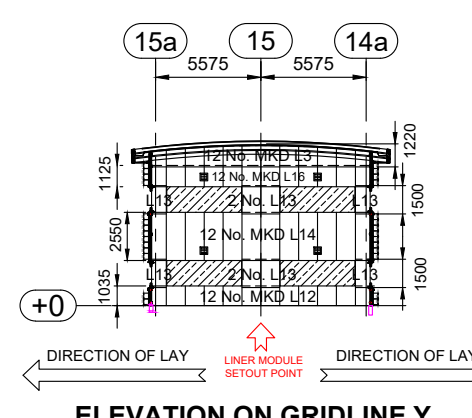
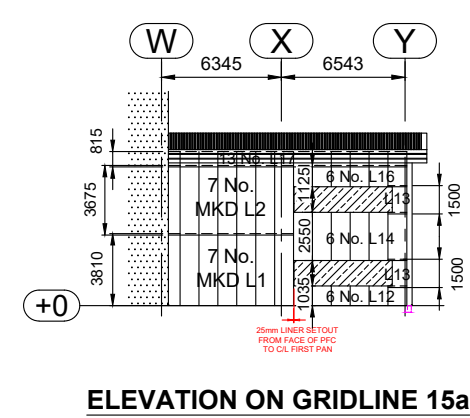
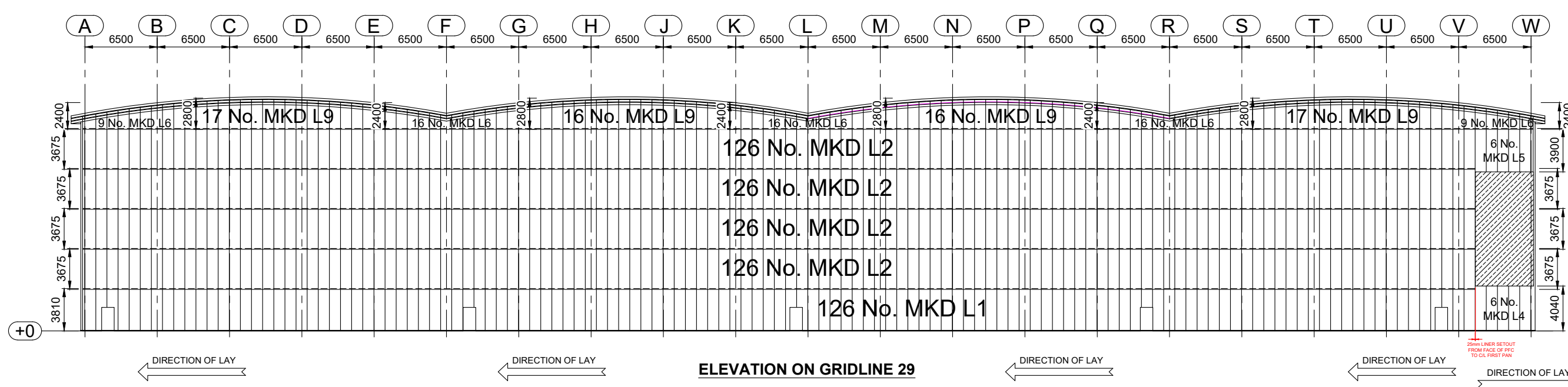
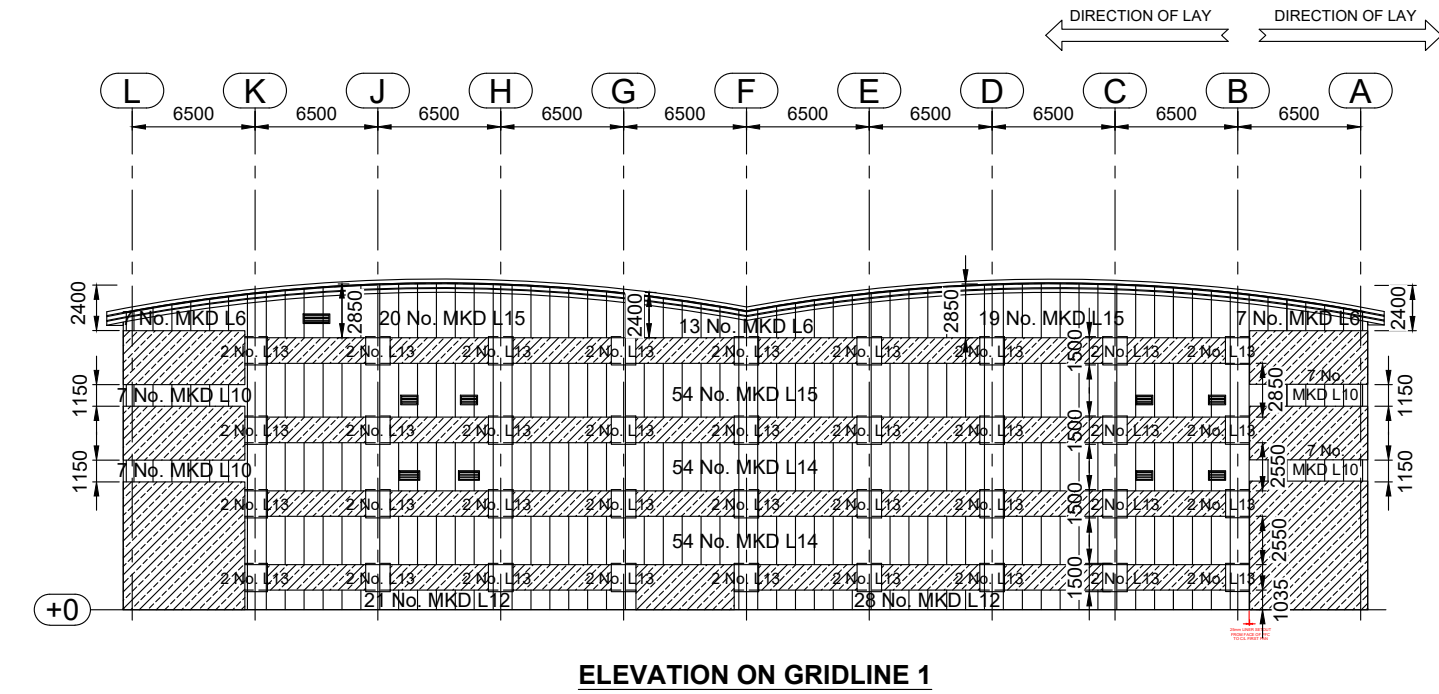
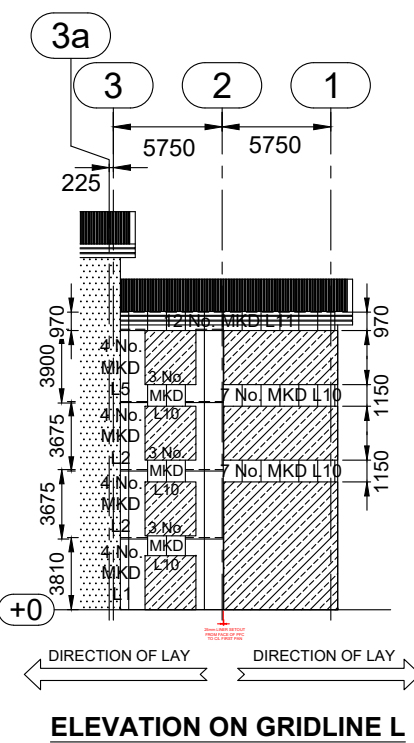
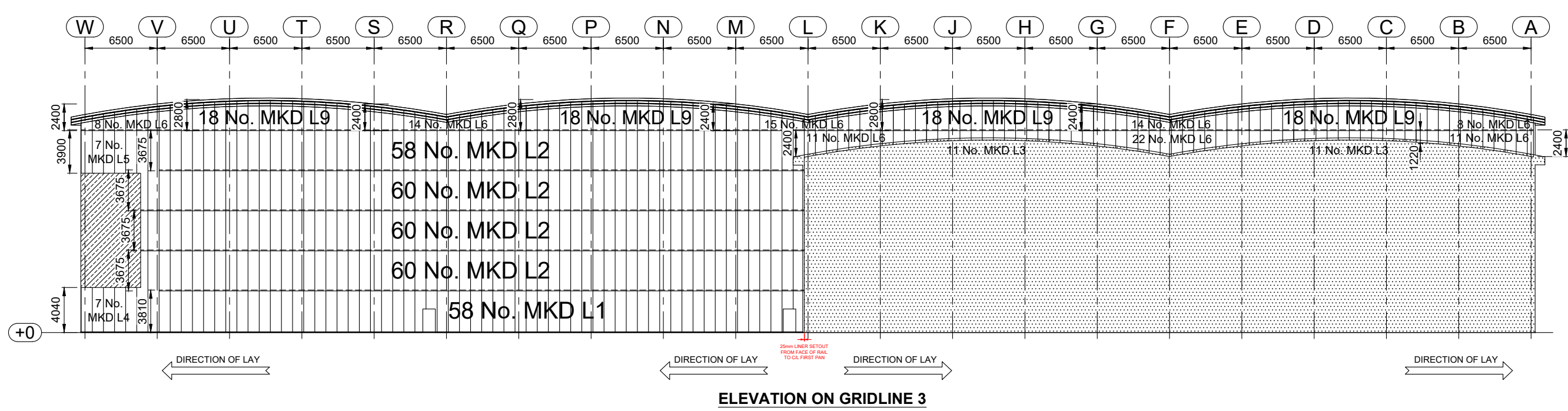
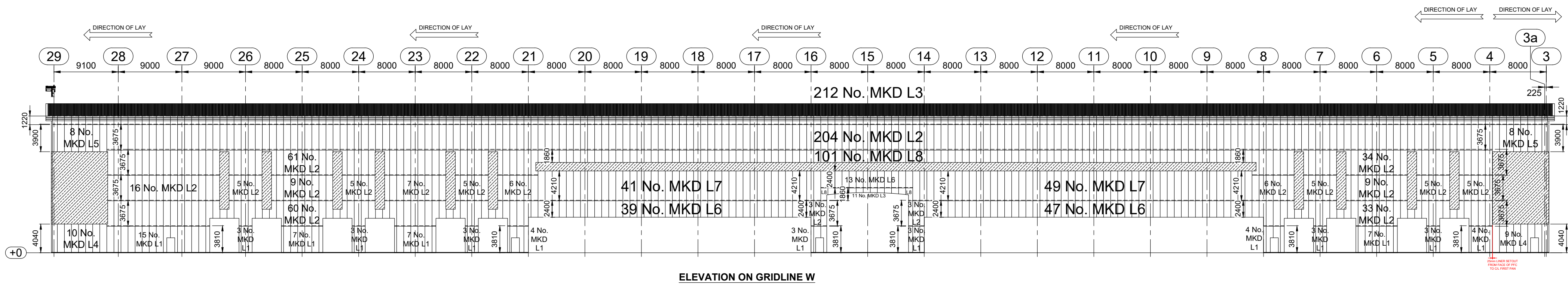
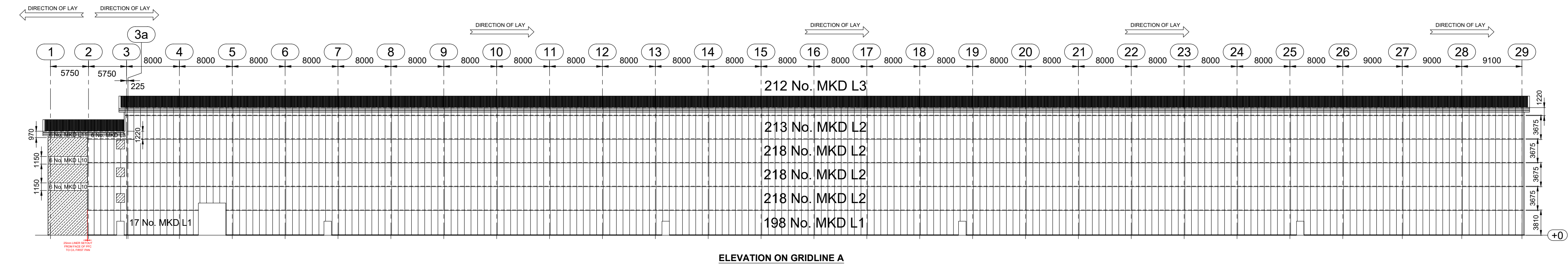
Checked

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IRC CAROCHELLE Ltd.

Unit 12a Maybrook Road
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Walsall Wood, West Midlands, WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



AB1 26/05/22 Issued for As Built W.S.
C01 29/10/21 Issued for construction W.S.
P02 27/08/21 Updated to suit latest steelwork W.S.

Rev	Date	Comment	Initial
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Drawing Status **AS BUILT**

Drawing Title **LINER ELEVATIONS**



Client **UNIT 1, CALDER PARK, WAKEFIELD**

Drg Code **P21024_IRC_U1_ZZ_DR_X_0200**

Drg Scale **1:400 @ A1** Date **02/08/21** Drg No **200** Rev **AB1**
Drawn **W.S.** Checked **-**

IRC CAROCCELLE Ltd.
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Walsall Wood, West Midlands, WS8 7DG
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SPECIFICATION

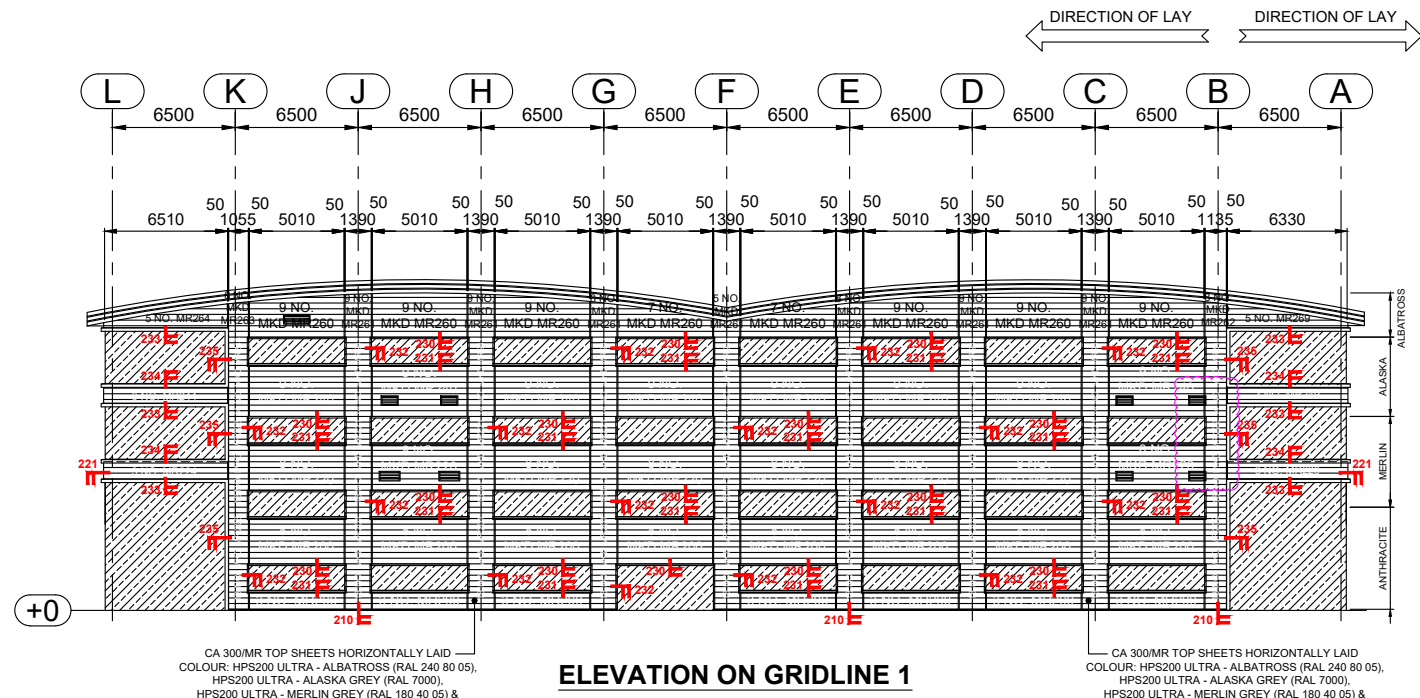
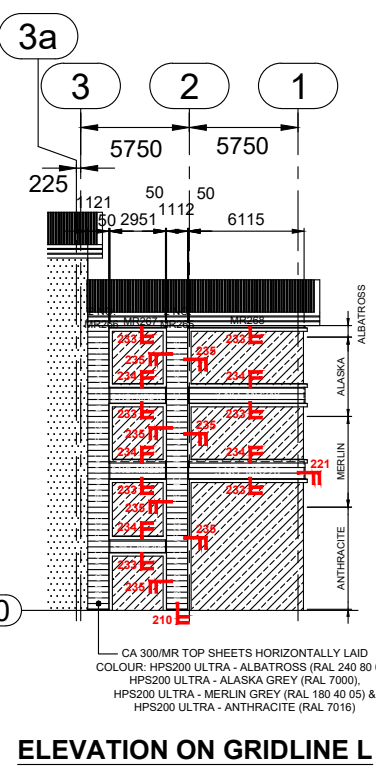
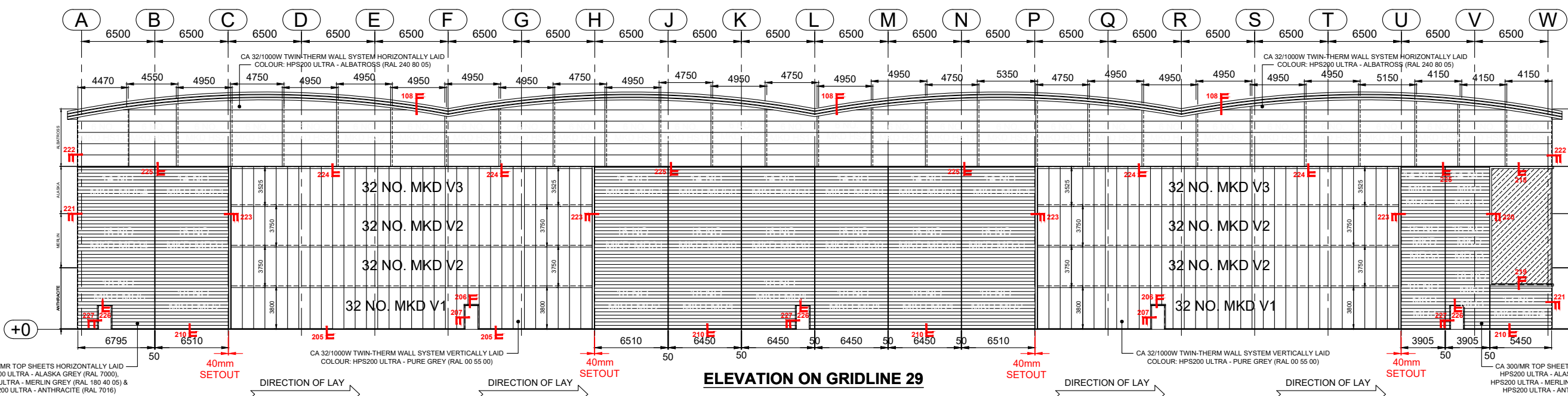
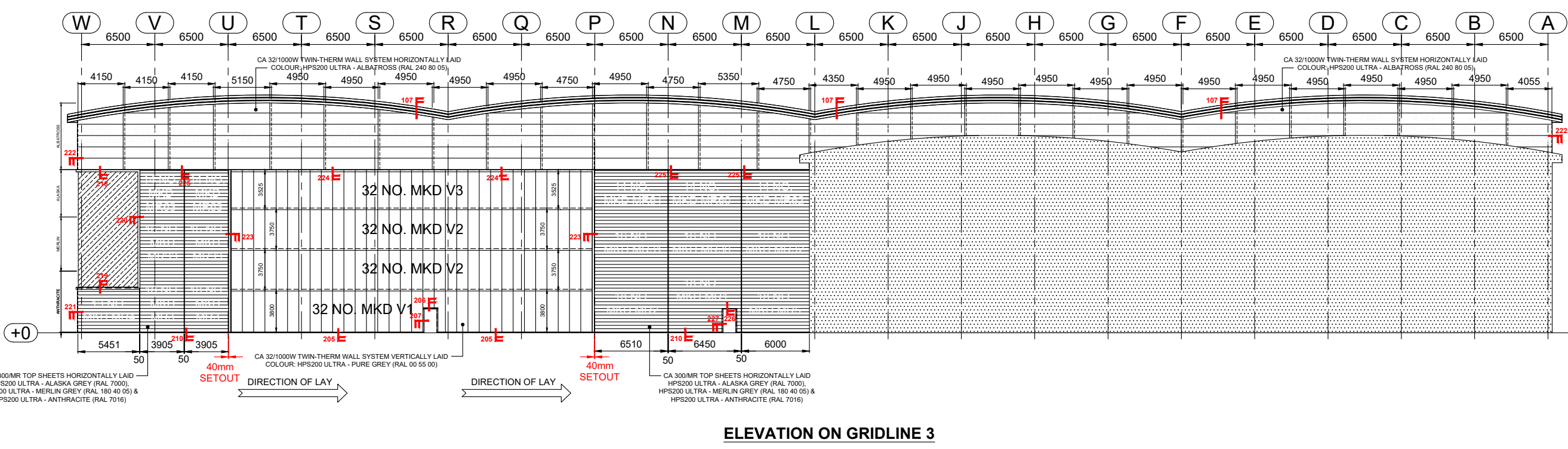
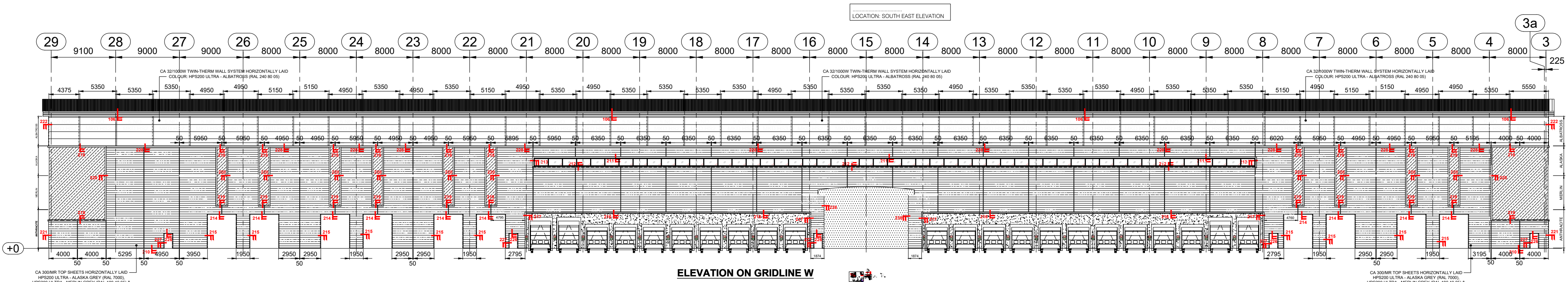
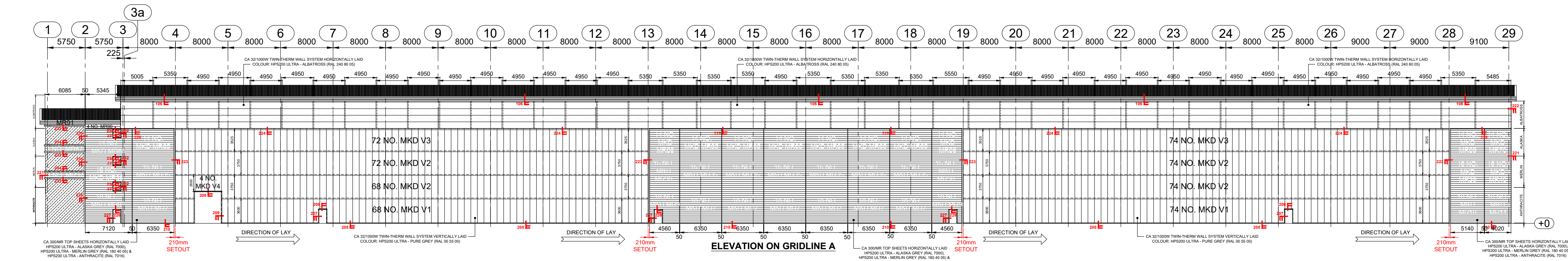
300/MR: CA 300/MR TWIN-THERM WALL SYSTEM (160mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
120mm MATRIX SPACER SYSTEM
120mm THERMA-QUILT INSULATION
300/MR EXTERNAL SHEET -
COLOURS: HPS200 ULTRA - ANTHRACITE (RAL 7016)
HPS200 ULTRA - MERLIN GREY (RAL 180 40 05)
HPS200 ULTRA - ALASKA GREY (RAL 7000)
HPS200 ULTRA - ALBATROSS (RAL 240 80 05)
TO ACHIEVE A "U" VALUE OF 0.35W/m²K

VERTICAL 32/1000: CA 32/1000W TWIN-THERM WALL SYSTEM (152mm O/ALL)
VERTICALLY LAID
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
120mm MATRIX SPACER SYSTEM
120mm THERMA-QUILT INSULATION
32/1000W EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - PURE GREY (RAL 00 55 00)
TO ACHIEVE A "U" VALUE OF 0.35W/m²K

SEE DRG 200 FOR LINER ELEVATION DETAILS

SEE DRG 202 FOR GRID ELEVATION DETAILS

TO BE INSTALLED IN CONJUNCTION WITH
THE CA WALL INSTALLATION GUIDES



AB1	26/05/22	Issued for As Built	W.S.
C03	11/05/22	Louvers added	W.S.
C02	27/08/21	Minor sheet tweaks to G/L 3	W.S.
C01	27/08/21	Updated to suit latest steelwork, issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title EXTERNAL ELEVATIONS

Client winvic

Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Scale P21024_IRC_U1_ZZ_DR_X_0201

Drg Scale 1:400 @ A1 Date 02/08/21 Drg No 201 Rev AB1
Drawn W.S. Checked -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

SPECIFICATION

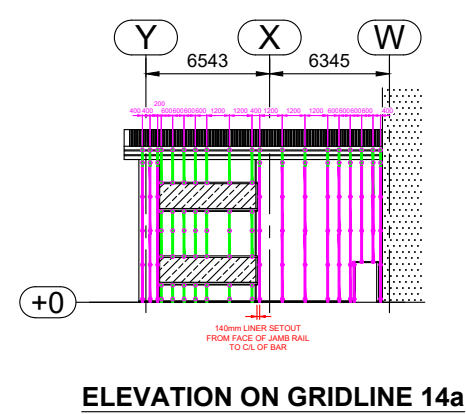
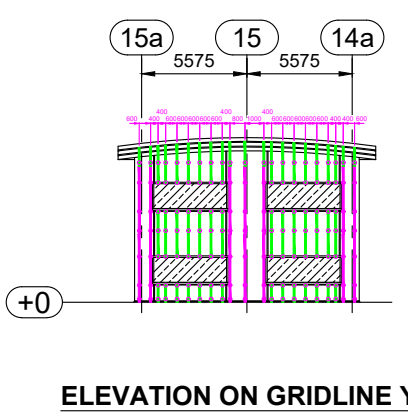
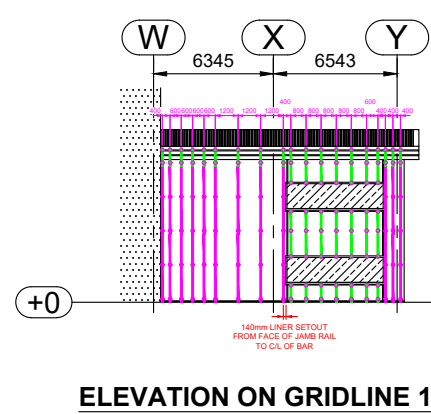
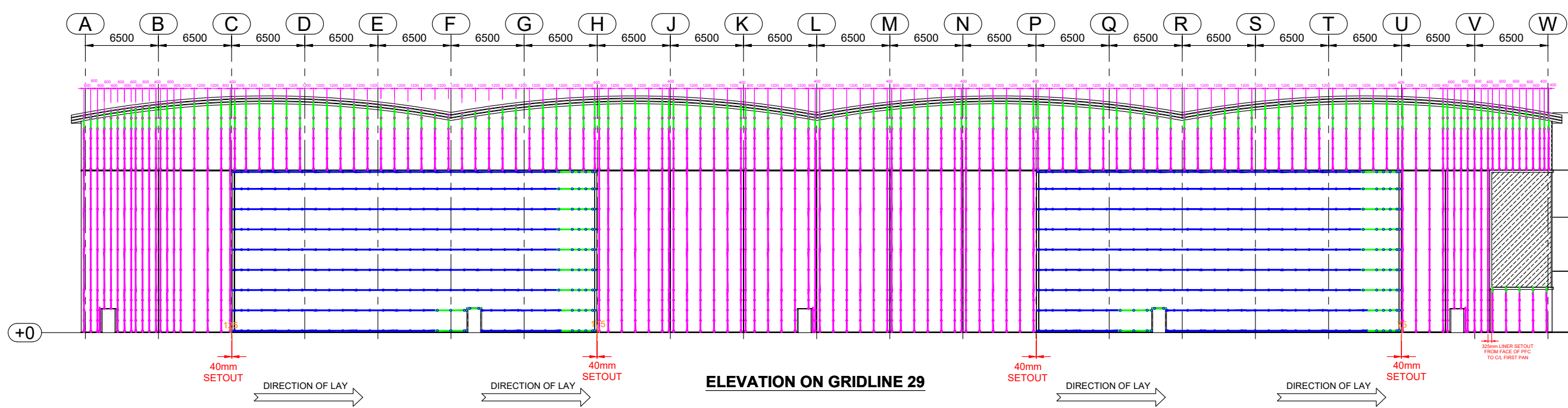
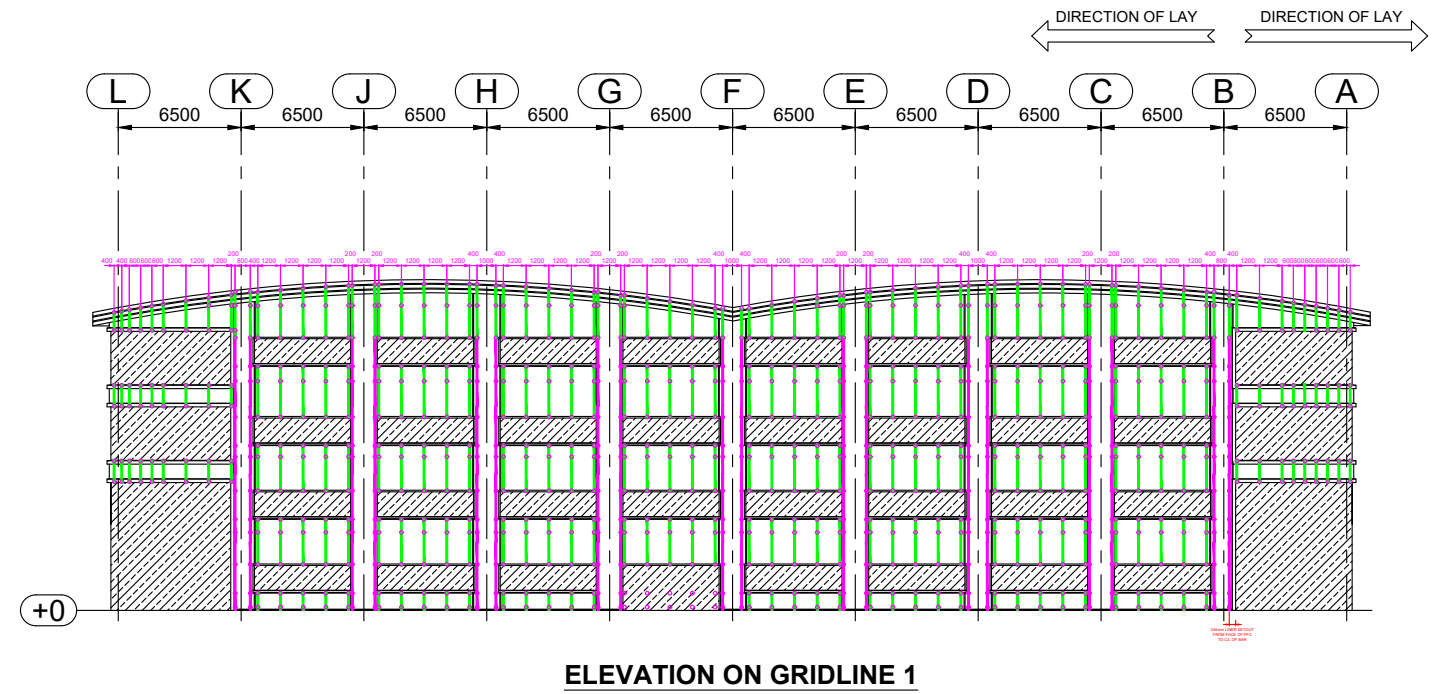
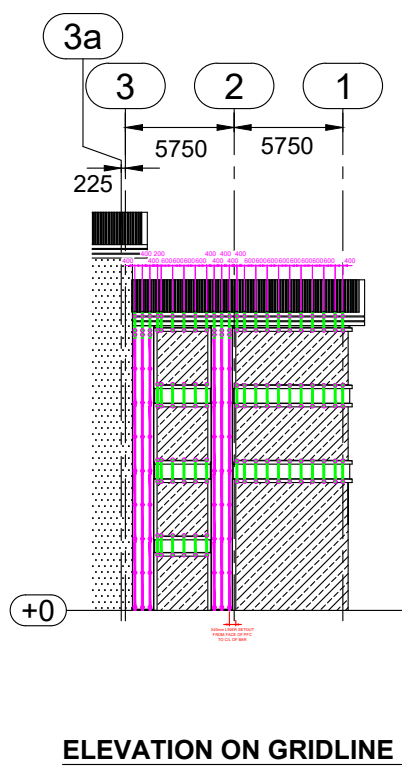
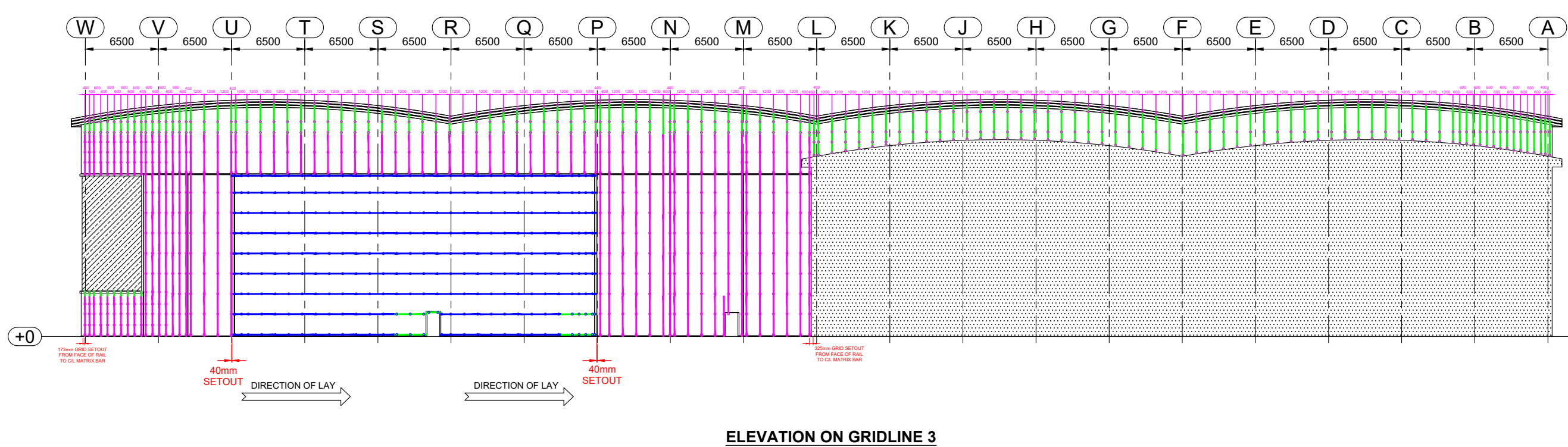
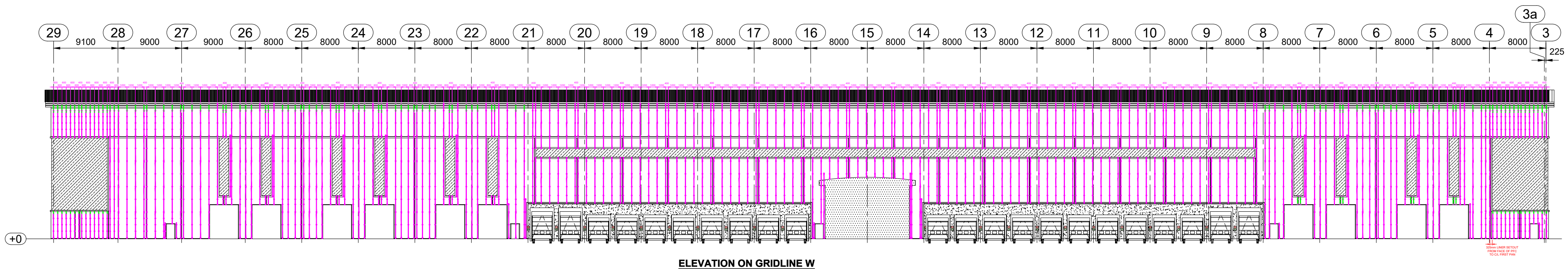
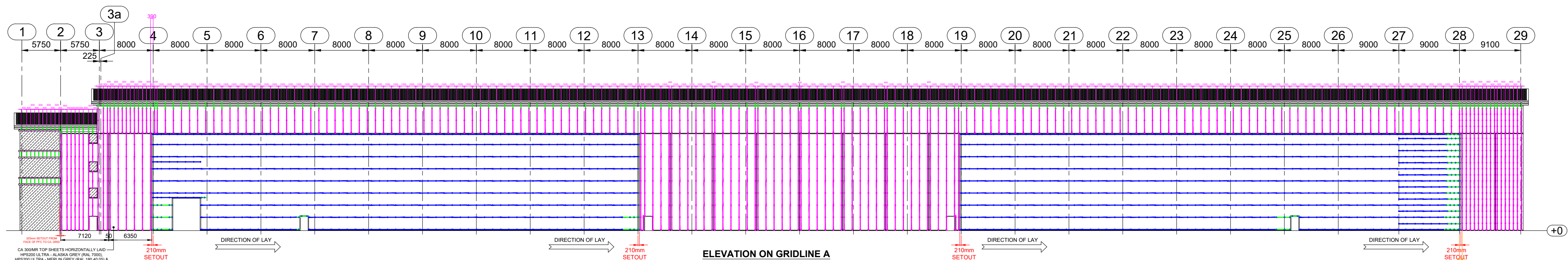
300/MR: CA 300/MR TWIN-THERM WALL SYSTEM (160mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
120mm MATRIX SPACER SYSTEM
120mm THERMA-QUILT INSULATION
300/MR EXTERNAL SHEET -
COLOURS: HPS200 ULTRA - ANTHRACITE (RAL 7016)
HPS200 ULTRA - MERLIN GREY (RAL 180 40 05)
HPS200 ULTRA - ALASKA GREY (RAL 7000)
HPS200 ULTRA - ALBATROSS (RAL 240 80 05)
TO ACHIEVE A "U" VALUE OF 0.35W/m²K

VERTICAL 32/1000: CA 32/1000W TWIN-THERM WALL SYSTEM (152mm O/ALL)
VERTICALLY LAID
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
120mm MATRIX SPACER SYSTEM
120mm THERMA-QUILT INSULATION
32/1000W EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - ALBATROSS (RAL 240 80 05)
TO ACHIEVE A "U" VALUE OF 0.35W/m²K

SEE DRG 200 FOR LINER ELEVATION DETAILS

SEE DRG 201 FOR EXTERNAL ELEVATION DETAILS

TO BE INSTALLED IN CONJUNCTION WITH
THE CA WALL INSTALLATION GUIDES



AB1	26/05/22	Issued for As Built	W.S.
C02	25/01/22	Grid spacings updated to suit wind loadings	W.S.
C01	10/12/21	Issued for Construction	J.A.E.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title GRID ELEVATIONS

Client



Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Scale P21024_IRC_U1_ZZ_DR_X_0202

Drg Scale 1:400 @ A1 Date 02/08/21 Drg No 202 Rev AB1
Drawn W.S. Checked -



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Twin-Therm® Chronus® Wall Specification

Materials specification

Liner Panel: CA LT 17/1000L 0.4mm thick (nominal) Liner Sheet fixed to Rails with M27G16 CRS or TSL36G19 HRS Self-Drilling Fasteners
All Liner Panel End Laps are to be sealed with T-Strip 6x5 Butyl Strip Sealant and All Liner Panel Side Laps are to be sealed with 50mm wide T-Foil Plus.


Insulation: The Therma-Quilt is to be installed below the MatriX Bar from head to base, where the elevation height exceeds the insulation roll length a firm abutment between rolls is required. The Therma-Quilt is supplied in 1,200mm wide rolls, where Matrix brackets are less than 1,200mm centres the Therma-Quilt should be split on site to suit spacings. Insulation to be held up by insulation retainer as per installation guide [IG-TT-02](#).

Spacer System: MatriX Bar manufactured from 1.5mm thick Galvanised Steel Supplied in 3,600mm, 3,500mm & 1,200mm standard lengths. MatriX Bracket manufactured from 1.6mm thick Galvanised Steel c/w 3mm EPDM thermal break pad bonded to base are to be 'twist locked' into position along the MatriX bar. Once in place the bars are interlocked at the swaged end and the positioned assembly is fixed through the bracket base into the rails with 3 or 4 No M27G16 self drilling fasteners (TSL36G16 for hot rolled steel). MatriX Brackets are spaced at 1,200mm centres & 600mm to high wind loading zones


Outer Sheet - CA 300/MR with a 0.7mm thick (nominal) Outer Profile Sheet, fixed to the MatriX Bar with Self-Drilling Fasteners. Outer profile sheet is to be fixed and sealed in accordance with guarantee requirements (as Table 1)

Table 1 - 25-Year System Guarantee Requirements				
Variant	Sealant-A	Sealant-B	Main Fixing (CRS)	Stitcher
Twin-Therm® Chronus®	N/A	T-Strip 6x5	SC28S16	N/A


Table 2 - U-Values and Depths for Twin-Therm® Chronus® Wall Systems			
Standard (240 Minutes Integrity / 15 Minutes Insulation)			
Bracket Ref	Insulation Ref	U-Value (W/m²K)	System Depth
MX120	TQ120	0.35	152mm



LINER SHEET FIXING M27G16



MAIN FIXING SSC28S16



MATRIX BRACKET SECURED WITH 3 or 4 No M27G16 FIXINGS

This specification drawing is for general guidance only and should be read in conjunction with the relevant Twin-Therm® Chronus® MBS specification and installed as per the Twin-Therm® Chronus® installation guide: [IG-TT-02](#).

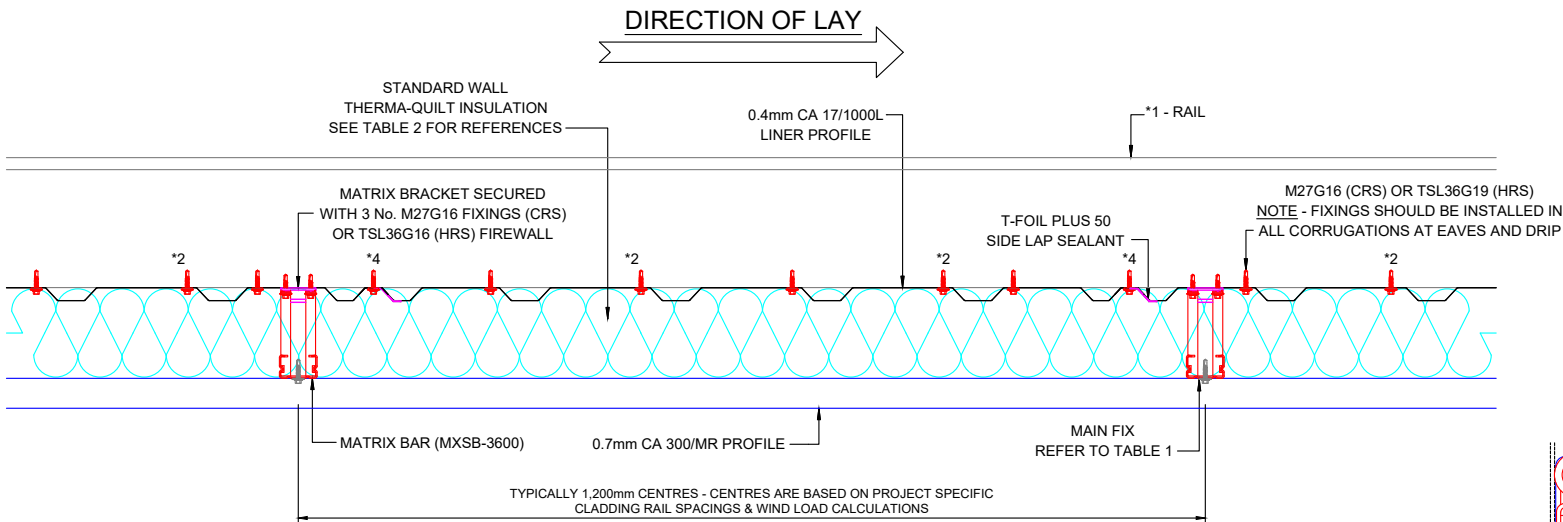
- *1 - Refer to [TIP-406](#) for the Minimum Thickness of Purlins / Cladding Rails
- *2 - Additional Fixings at Liner End Laps, Head & Base
- *3 - Additional Fixings at External End Laps & Sheet Ends
- *4 - Additional Fixings at Details to Aid Sealing of Profiled Filler

System Appraisal

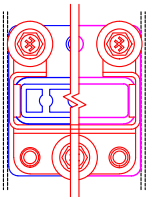
LPCB: Tested in accordance with LPS 1181 and achieves grade 'EXT-B' certification. Certification No. LPCB 443a.

Surface Spread of Flame:
Liner Panel & Weather Sheet: Designated 'AA' to BS476:Part 3:2004 being class '0' to BS476:Part 7:1997.

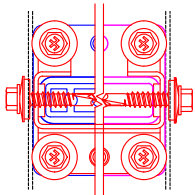
Acoustics: Please consult [TIP-401](#) for weighted sound reduction (R_w) figures



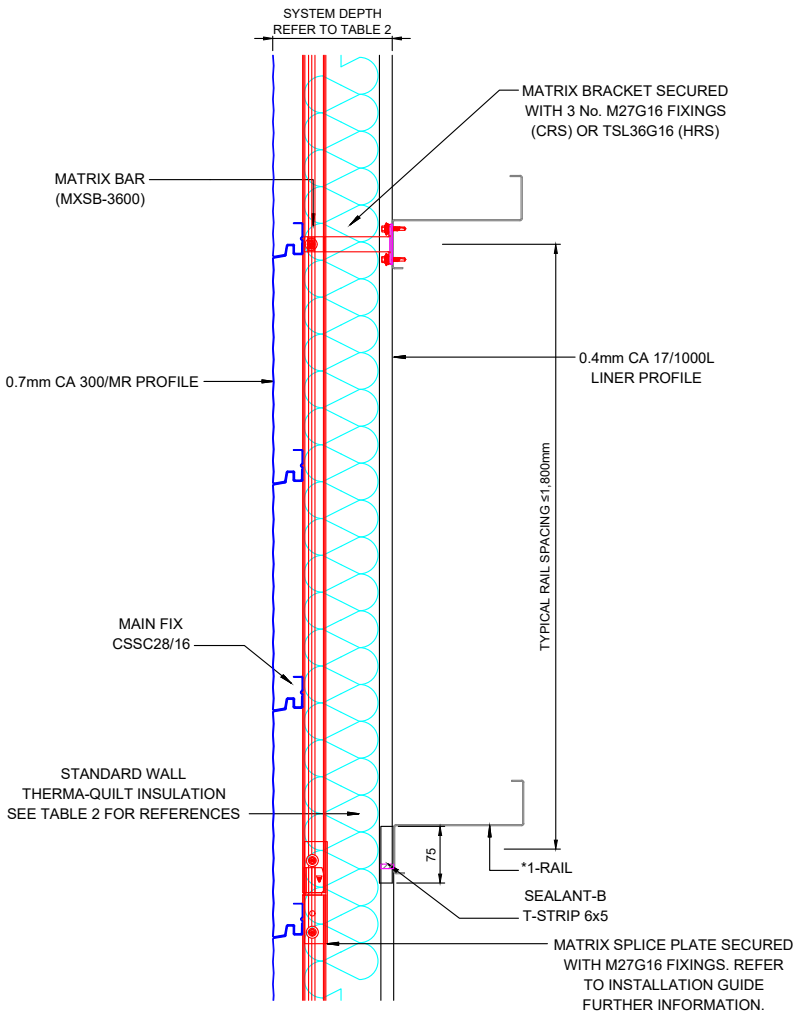
Horizontal Section Through Wall Construction



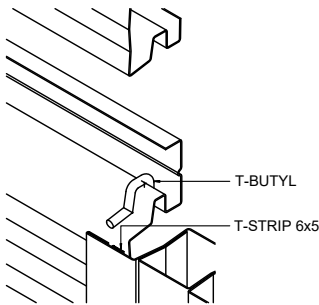
Matrix Bracket Secured With 3 No. M27G16 For Horizontal Walls



Restraint Matrix Bracket Secured With 4 No. M27G16 Fixings For Horizontal Walls & 2 No. into Bracket Head



Vertical Section Through Wall Construction



End Joint Sealant

AB1 26/05/22
C02 10/12/21

Issued for As Built
Updated to suit Chronus Specification

W.S.
J.A.E.

Rev Date Comment Initial


Drawing Status

AS BUILT

Drawing Title

WALL FIXING SPECIFICATION (32/1000 BUILT-UP)

Client



Project

UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code

P21024_IRC_U1_XX_DR_203

Dwg Scale

1:10 @ A3

Date

07/07/2021

Dwg No

203

Rev

AB1

Drawn

J.A.E.

Checked

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Twin-Therm® Chronus® Wall Specification

Materials specification

Liner Panel: CA LT 17/1000L 0.4mm thick (nominal) Liner Sheet fixed to Rails with M27G16 CRS or TSL36G19 HRS Self-Drilling Fasteners
All Liner Panel End Laps are to be sealed with T-Strip 6x5 Butyl Strip Sealant and
All Liner Panel Side Laps are to be sealed with 50mm wide T-Foil Plus.


Insulation: The Therma-Quilt is to be installed below the MatriX Bar from head to base, where the elevation height exceeds the insulation roll length a firm abutment between rolls is required. The Therma-Quilt is supplied in 1,200mm wide rolls, where Matrix brackets are less than 1,200mm centres the Therma-Quilt should be split on site to suit spacings. Insulation to be held up by insulation retainer as per installation guide IG-TT-02.

Spacer System: MatriX Bar manufactured from 1.5mm thick Galvanised Steel Supplied in 3,600mm, 3,500mm & 1,200mm standard lengths. MatriX Bracket manufactured from 1.6mm thick Galvanised Steel c/w 3mm EPDM thermal break pad bonded to base are to be 'twist locked' into position along the MatriX bar. Once in place the bars are interlocked at the swaged end and the positioned assembly is fixed through the bracket base into the rails with 2 No M27G16 self drilling fasteners (TSL36G16 for hot rolled steel). MatriX Brackets are spaced at 1,200mm centres & 600mm to high wind loading zones


Outer Sheet: CA 32/1000W with a 0.7mm thick (nominal) Outer Profile Sheet, fixed to the MatriX Bar with Self-Drilling Fasteners. Outer profile sheet is to be fixed and sealed in accordance with guarantee requirements (As Table 1)

Table 1 - 25-Year System Guarantee Requirements				
Variant	Sealant-A	Sealant-B	Main Fixing (CRS)	Stitcher
Twin-Therm® Chronus®	N/A	T-Strip 6x5	CSSC28/16	CSSS23/16


Table 2 - U-Values and Depths for Twin-Therm® Chronus® Wall Systems			
Standard (240 Minutes Integrity / 15 Minutes Insulation)			
Bracket Ref	Insulation Ref	U-Value (W/m²K)	System Depth
MX120	TQ120	0.35	152mm




LINER SHEET FIXING M27G16



STITCHER CSSS23/16

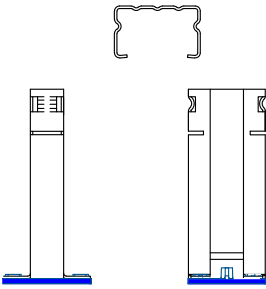


MAIN FIXING CSSC28/16



MATRIX BRACKET SECURED WITH 2 No M27G16 FIXINGS

MATRIX BAR (MSB-3600)



MATRIX BRACKET SECURED WITH 2 No M27G16 FIXINGS (CRS) or TSL36G16 (HRS)

This specification drawing is for general guidance only and should be read in conjunction with the relevant Twin-Therm® Chronus® MBS specification and installed as per the Twin-Therm® Chronus® installation guide: IG-TT-02.

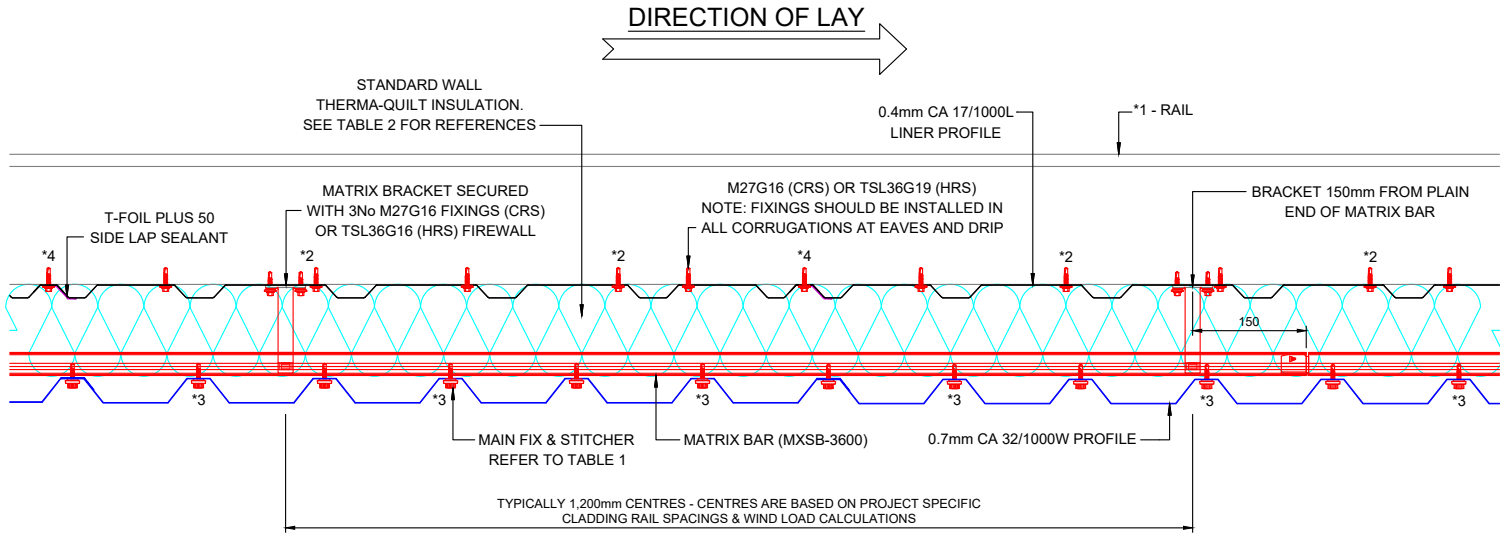
- *1 - Refer to TIP-406 for the Minimum Thickness of Purlins / Cladding Rails
- *2 - Additional Fixings at Liner End Laps, Head & Base
- *3 - Additional Fixings at External End Laps & Sheet Ends
- *4 - Additional Fixings at Details to Aid Sealing of Profiled Filler

System Appraisal

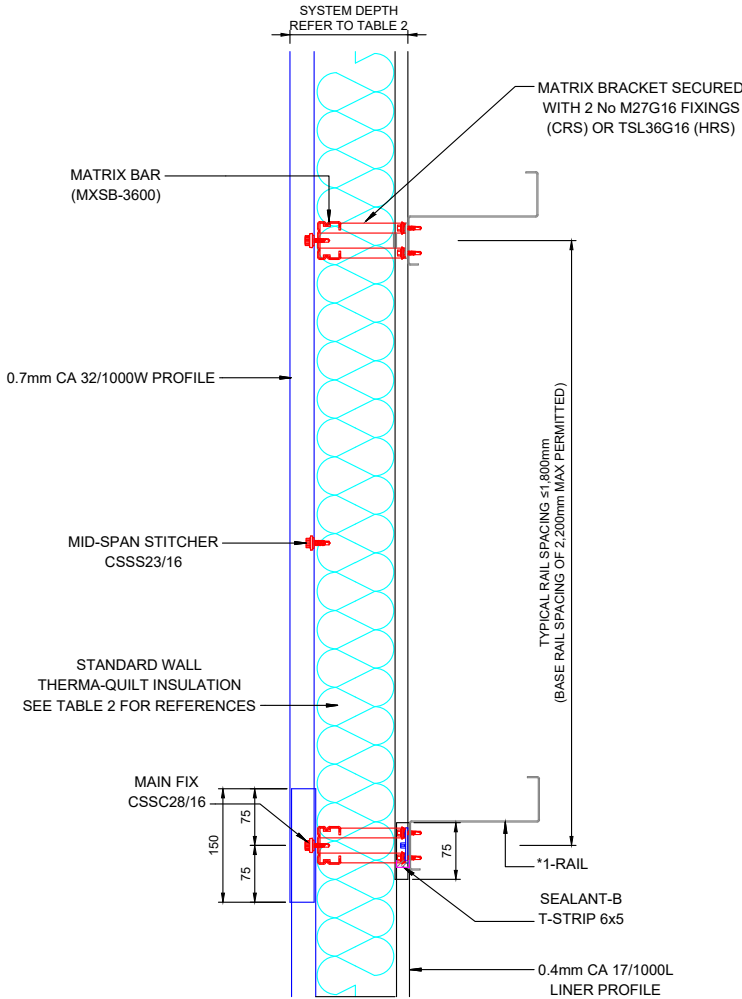
LPCB: Tested in accordance with LPS 1181 and achieves grade 'EXT-B' certification. Certification No. LPCB 443a.

Surface Spread of Flame:
Liner Panel & Weather Sheet: Designated 'AA' to BS476:Part 3:2004 being class '0' to BS476:Part 7:1997.

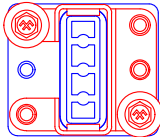
Acoustics: Please consult TIP-401 for weighted sound reduction (R_w) figures



Horizontal Section Through Wall Construction



Vertical Section Through Wall Construction



Standard MatriX Bracket
Arrangement 2No M27G16
Fixings For Vertical Walls

AB1 26/05/22

Issued for As Built

W.S.

Rev	Date	Comment	Initial


Drawing Status

AS BUILT

Drawing Title

WALL FIXING SPECIFICATION (32/1000 BUILT-UP)

Client



Project

UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code

P21024_IRC_U1_XX_DR_204

Dwg Scale

1:10 @ A3

Date

07/07/2021

Dwg No

204

Rev


AB1

Drawn

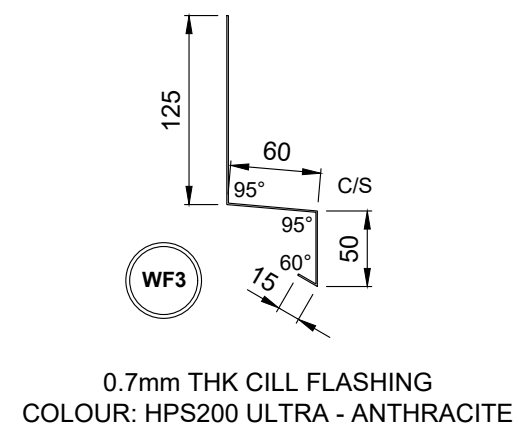
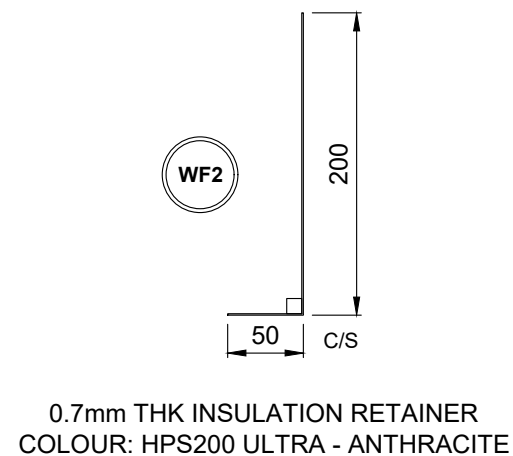
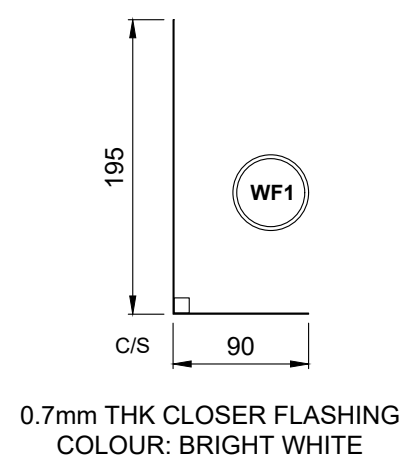
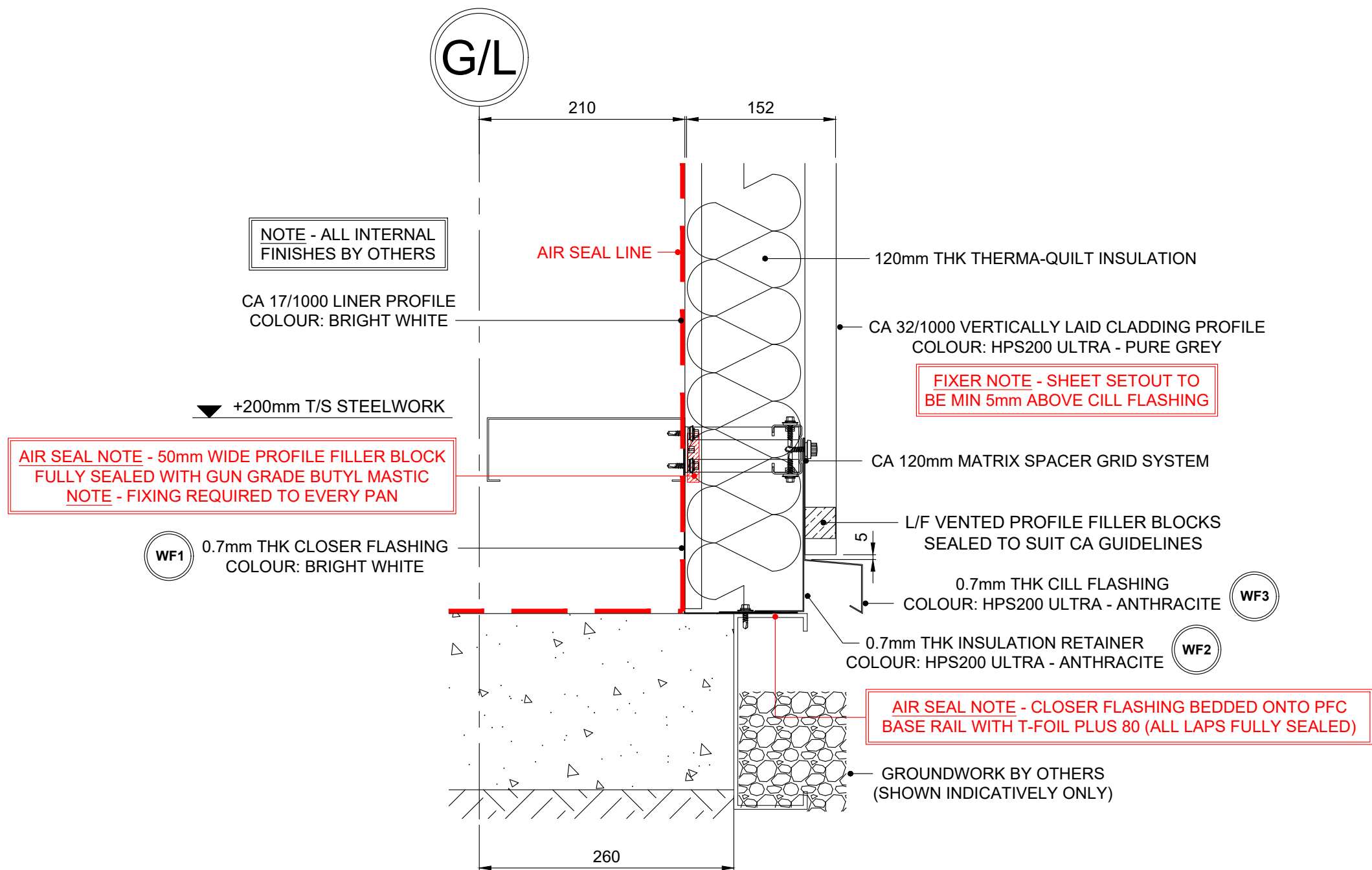
B.S.

Checked

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CILL FLASHING FIXING / SEALANT NOTE

LINER CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - LINER PANEL MAIN FIX WILL FULLY SECURE ONCE FITTED)
MAIN FIX TO PFC GROUND BEAM AT APPROX 1.5m CENTRES AND FULLY SEALED WITH T-FOIL PLUS 80

INSULATION RETAINER FLASHING PRIMARY FIXING:
RIVET FIX @ APPROX 1.5m CENTRES
(NOTE - TOP SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ APPROX 1.5m CENTRES
(NOTE - TOP SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS TO BE SEALED TO SUIT **CHRONUS** GUIDELINES
(SEALED TO CILL FLASHING ONLY WITH GUN GRADE T-BUTYL SEALANT AND VENTED SHEET SIDE)

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CRS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (**Chronus**) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: TYPICAL CILL DETAIL (BUILT-UP 32/1000 VERTICAL)

Client: **winvic**
Project: **UNIT 1, CALDER PARK, WAKEFIELD**
Drg Code: P21024_IRC_U1_XX_DR_205
Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 205 Rev: AB1
Drawn: B.S. Checked: -

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DOOR HEAD FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ MAX 450mm CENTRES

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ APPROX 1.5m CENTRES
(NOTE - TOP SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS TO BE SEALED TO SUIT **CHRONUS** GUIDELINES
(SEALED TO CILL FLASHING ONLY WITH GUN GRADE T-BUTYL SEALANT AND VENTED SHEET SIDE)

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CRS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

SOFFIT FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX @ 450mm MAX CENTRES (COLOUR TO MATCH)
REAR LEG FULLY SEALED TO STEELWORK WITH GUN GRADE BUTYL MASTIC
(NOTE: FRONT TUCKED INTO CILL SECTION WITH RIVET FIX IF REQUIRED)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

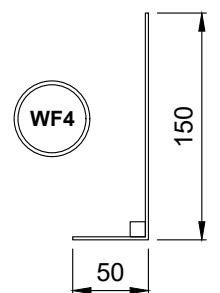
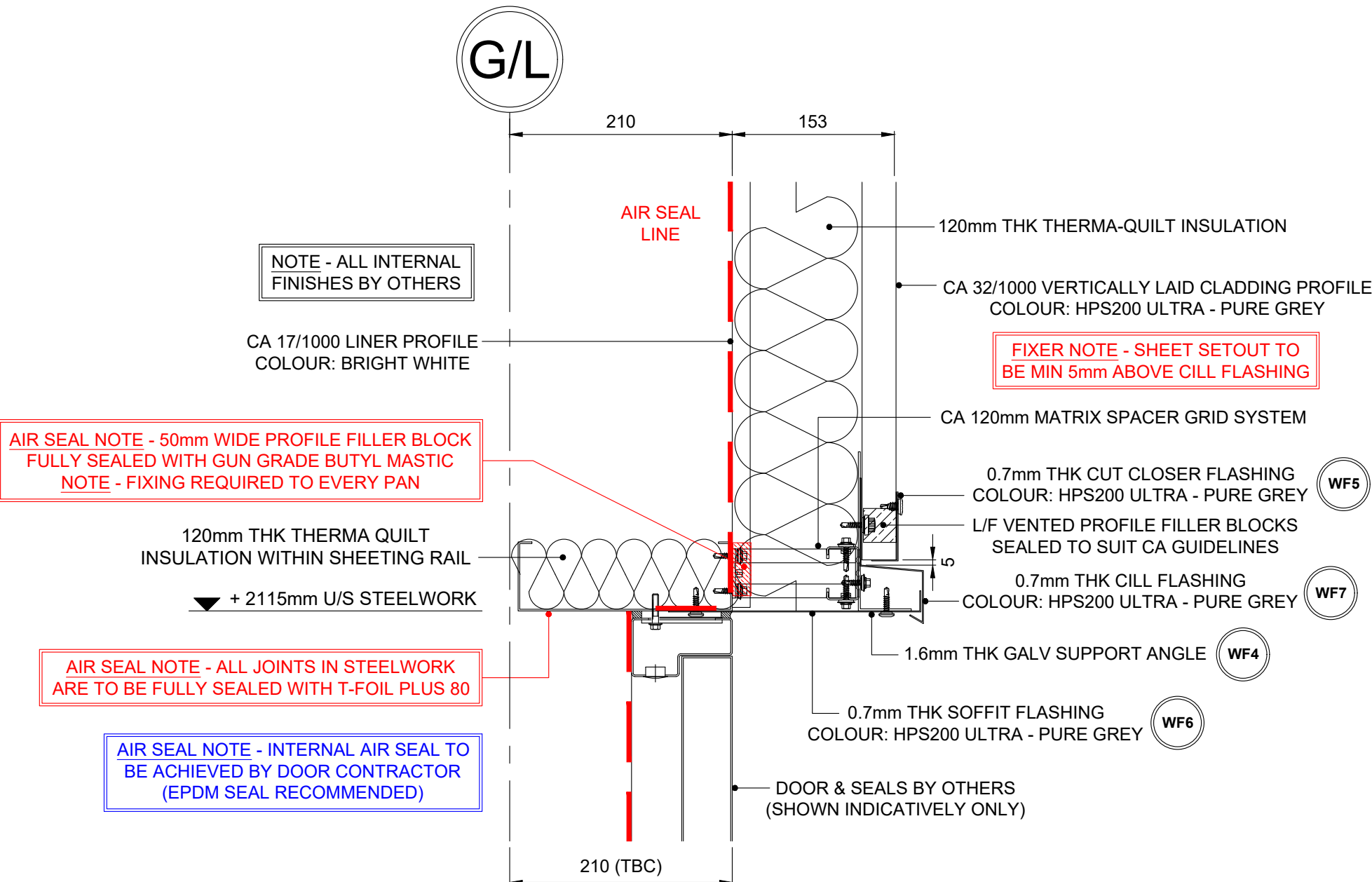
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

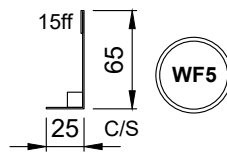
BUILT-UP (**Chronus**) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

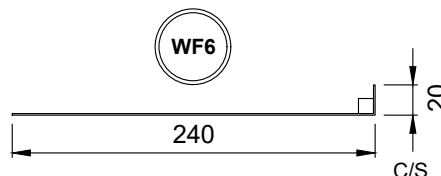
FIXER NOTE - CILL FLASHING TO BE FIXED
TIGHT UP TO SOFFIT LEG TO DICTATE LEVEL
& AVOID CLASH WITH THE OPENING DOOR



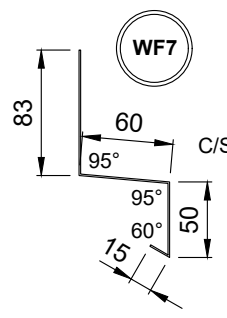
1.6mm THK GALV
SUPPORT ANGLE



0.7mm THK CUT CLOSER FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

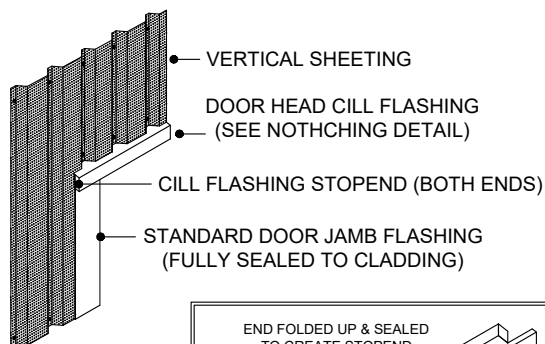


0.7mm THK SOFFIT FLASHING
COLOUR: HPS200 ULTRA - PURE GREY



0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

TYPICAL DOOR SEALING DETAIL



Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: TYPICAL DOOR HEAD DETAIL (BUILT-UP 32/1000 VERTICAL)

Client: **winvic**

Project: **UNIT 1, CALDER PARK, WAKEFIELD**

Dwg Code: P21024_IRC_U1_XX_DR_206

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 206 Rev: AB1

Drawn: B.S. Checked: -

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G/L

210

153

AIR SEAL NOTE - ALL JOINTS IN STEELWORK ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - LINER SHEET TO BE FULLY SEALED TO STEELWORK WITH T-FOIL PLUS 80

AIR SEAL LINE

AIR SEAL NOTE - INTERNAL AIR SEAL TO BE ACHIEVED BY DOOR CONTRACTOR (EPDM SEAL RECOMMENDED)

120mm THK THERMA QUILT INSULATION WITHIN SHEETING RAIL

DOOR & SEALS BY OTHERS (SHOWN INDICATIVELY ONLY)

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

120mm THK THERMA-QUILT INSULATION

CA 32/1000 VERTICALLY LAID CLADDING PROFILE
COLOUR: HPS200 ULTRA - PURE GREY

0.7mm THK JAMB FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

CA 120mm MATRIX SPACER GRID SYSTEM

WF8

WF8

215

15ff

100

C/S

0.7mm THK JAMB FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

DOOR FLASHING FIXING/SEALANT NOTE:

JAMB FLASHING PRIMARY FIXING TO CLADDING:
LOW PROFILE STITCHER @ MAX 450mm CENTRES (COLOUR TO MATCH)
FLASHING SEALED TO CLADDING WITH T-STRIP 6 x 5mm BUTYL MASTIC
WEATHER SIDE OF FIXING

JAMB FLASHING PRIMARY FIXING TO STEELWORK:
LOW PROFILE MAIN FIXING @ MAX 450mm CENTRES
FLASHING TO BE FULLY SEALED WITH GUN GRADE BUTYL MASTIC

JAMB FLASHING BUTT JOINT FIXING:
RIVETS AT 75mm - 100mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE T-BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE: ALL SCREWS ARE TO BE STAINLESS STEEL

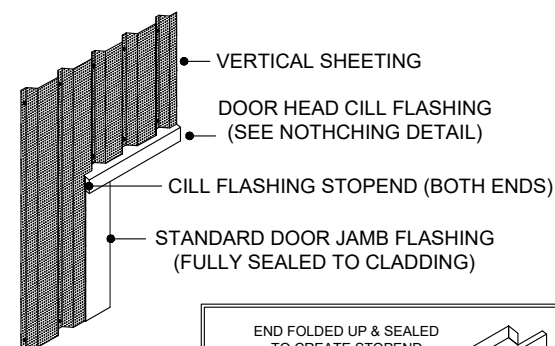
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

TYPICAL DOOR SEALING DETAIL



END FOLDED UP & SEALED TO CREATE STOPEND
CILL OVERUN TO BE FULLY SEALED BACK TO CLADDING
END RETURNED TO CREATE STOPEND
CILL TO LINE THRO' WITH JAMB

CILL FLASHING NOTCHING DETAIL

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: TYPICAL DOOR JAMB DETAIL (BUILT-UP 32/1000 VERTICAL)

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code: P21024_IRC_U1_XX_DR_207

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 207 Rev: AB1

Drawn: B.S. Checked: -

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G/L

210

153

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

120mm THK THERMA-QUILT INSULATION

CA 32/1000 VERTICALLY LAID CLADDING PROFILE
COLOUR: HPS200 ULTRA - PURE GREY

CA 120mm MATRIX SPACER GRID SYSTEM

0.7mm THK CUT CLOSER FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

L/F VENTED PROFILE FILLER BLOCKS
SEALED TO SUIT CA GUIDELINES

0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

1.6mm THK GALV SUPPORT ANGLE

0.7mm THK SOFFIT FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

50mm ROCK WOOL INSULATION

1.6mm THK GALV SUPPORT ZED

NOTE - ALL INTERNAL
FINISHES ARE BY OTHERS

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

FIXER NOTE - SHEET SETOUT TO
BE MIN 5mm ABOVE CILL FLASHING

AIR SEAL NOTE - INTERNAL AIR SEAL TO
BE ACHIEVE BY THE DOOR CONTRACTOR

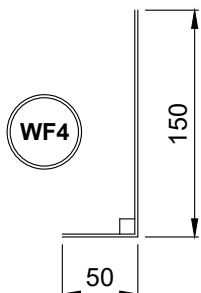
+ 4870mm U/S STEELWORK

+ 4815mm U/S SOFFIT

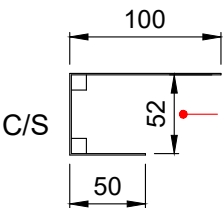
LEVEL ACCESS DOOR
(SHOWN INDICATIVELY ONLY)

0.7mm THK REAR SOFFIT FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

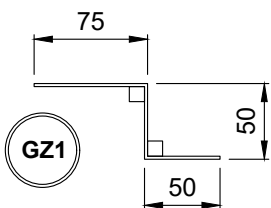
AIR SEAL - ALL JOINTS IN STEELWORK
ARE TO BE SEALED WITH T-FOIL PLUS 80



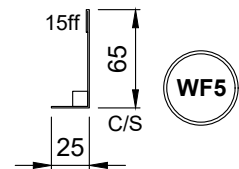
1.6mm THK GALV
SUPPORT ANGLE



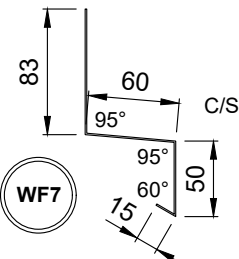
0.7mm THK REAR SOFFIT FLASHING
COLOUR: HPS200 ULTRA - PURE GREY



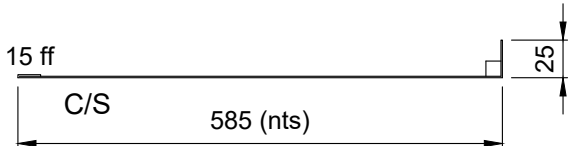
1.6mm THK GALV SUPPORT ZED



0.7mm THK CLOSER FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

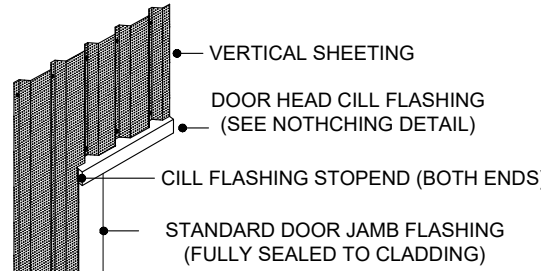


0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - PURE GREY



0.7mm THK SOFFIT FLASHING
COLOUR: HPS200 ULTRA - PURE GREY

TYPICAL DOOR SEALING DETAIL



END FOLDED UP & SEALED
TO CREATE STOPEND
CILL OVERUN TO BE FULLY
SEALED BACK TO CLADDING
END RETURNED TO
CREATE STOPEND
CILL TO LINE
THRO' WITH JAMB
CILL FLASHING NOTCHING DETAIL

DOOR FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY MATRIX GRID LOCATION

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ APPROX 1.5m CENTRES
(NOTE - TOP SHEET MAIN FIX WILL FULLY SECURE ONCE FITTED)
FILLER BLOCKS TO BE SEALED TO SUIT CHRONUS GUIDELINES
(SEALED TO CILL FLASHING ONLY WITH GUN GRADE T-BUTYL SEALANT
AND VENTED SHEET SIDE)

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CRS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIXING INTO STEELWORK @ 450mm CENTRES

SOFFIT PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO GALV SUPPORTS & STITCHER SCREWS
TO REAR SOFFIT FLASHING ALL @ MAX 450 CENTRES (COLOUR TO MATCH)
FULLY SEALED WITH GUN GRADE BUTYL MASTIC

REAR SOFFIT FLASHING PRIMARY FIXING: (TO STEELWORK REVEAL)
RIVETS OR MAIN FIX SCREW @ 450mm CENTRES
FULLY SEALED TO STEELWORK WITH T-FOIL PLUS 80 SEALING TAPE

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - CILL FLASHING TO BE FIXED
TIGHT UP TO SOFFIT LEG TO DICTATE LEVEL

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT
Drawing Title LEVEL ACCESS DOOR HEAD DETAIL
(BUILT-UP 32/1000 VERTICAL)



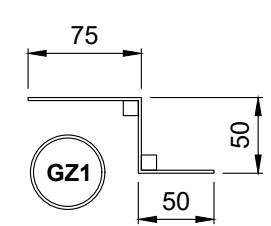
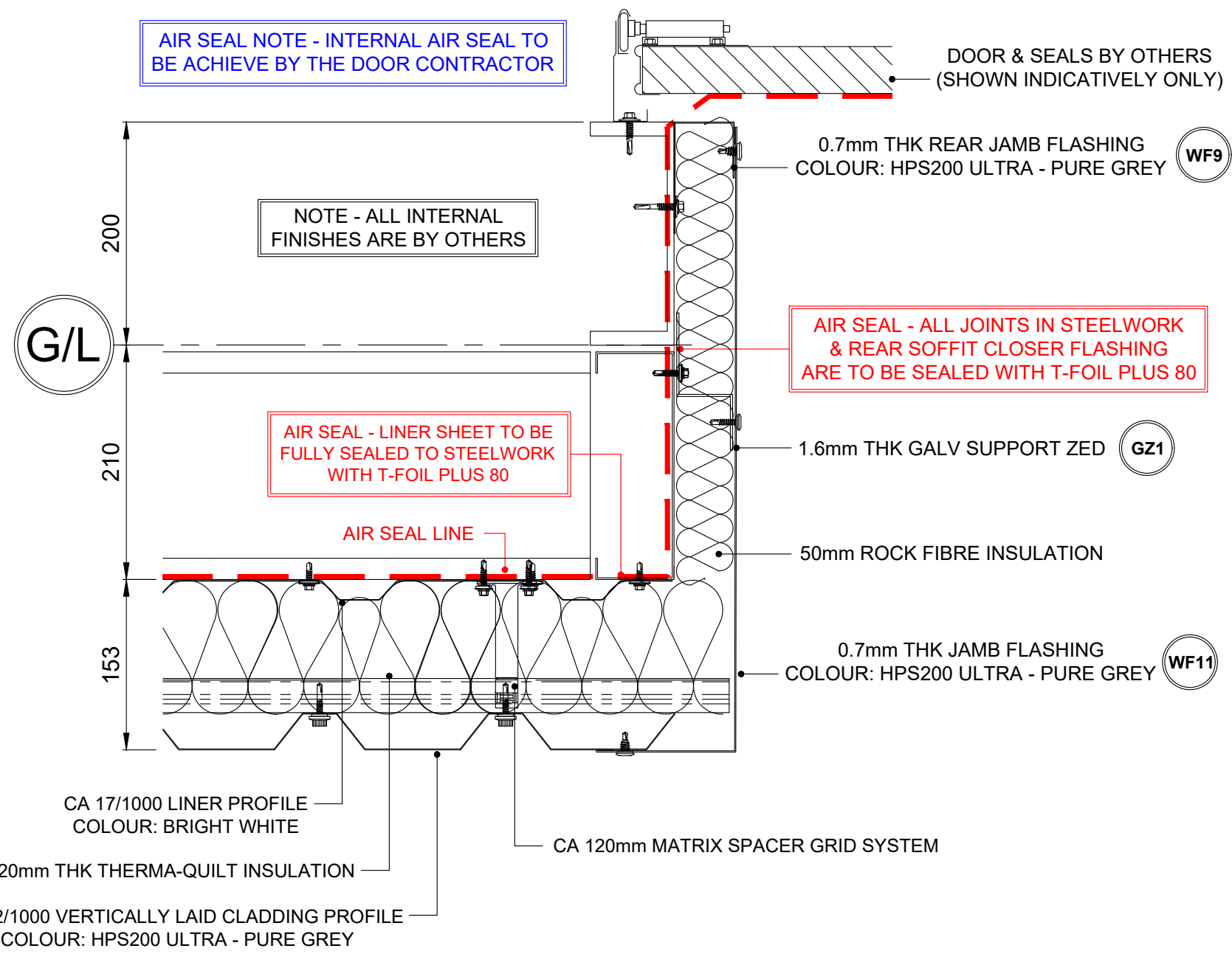
Client UNIT 1, CALDER PARK, WAKEFIELD

Project P21024_IRC_U1_XX_DR_208

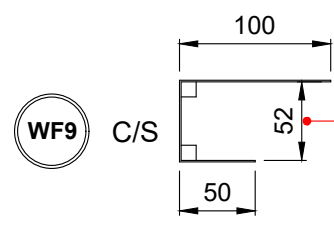
Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 208 Rev AB1

Drawn B.S. Checked -

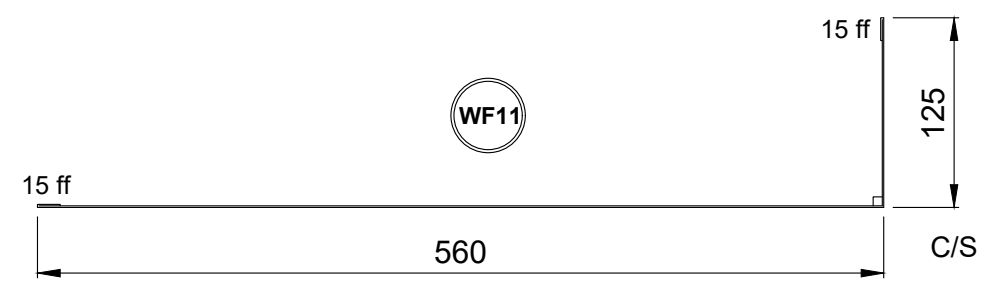
IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



1.6mm THK GALV SUPPORT ZED



0.7mm THK REAR JAMB FLASHING COLOUR: HPS200 ULTRA - PURE GREY



0.7mm THK JAMB FLASHING COLOUR: HPS200 ULTRA - PURE GREY

DOOR FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIXING INTO STEELWORK @ 450mm CENTRES

JAMB FLASHING PRIMARY FIXING:
FIXED TO SHEETS & REAR JAMB FLASHINGS WITH LOW PROFILE STITCHER SCREWS & FIXED TO GALV SUPPORT ZED WITH LOW PROFILE MAIN FIX ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
SEALED WITH A CONTINUOUS RUN GUN GRADE T-BUTYL OR T-STRIP 6 x 5mm POSITIONED WEATHERSIDE OF ALL JOINTS

JAMB FLASHING JOINT FIXING:
STITCHER SCREWS OR RIVETS AT 75mm - 100mm C/C (COLOUR TO MATCH)
ALL JOINTS TO BE LAPPED A MIN 100mm & FULLY SEALED WITH A SINGLE CONTINUOUS RUN GUN GRADE BUTYL POSITIONED WEATHERSIDE OF JOINT

REAR JAMB FLASHING PRIMARY FIXING: (TO STEELWORK REVEAL)
HEAVY DRILLER SCREWS @ 450mm CENTRES
FULLY SEALED TO STEELWORK WITH T-FOIL PLUS 80 SEALING TAPE

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

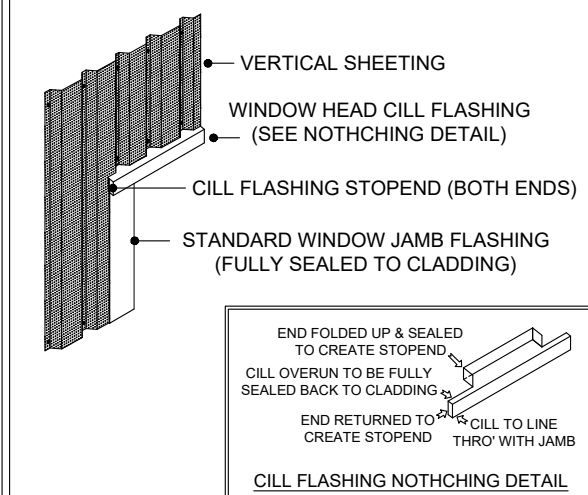
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000 BUILT-UP CLADDING FIXING ARRANGEMENT

TYPICAL GLAZING SEALING DETAIL



Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT

Drawing Title: LEVEL ACCESS DOOR JAMB DETAIL (BUILT-UP 32/1000 VERTICAL)

Client: **winvic**

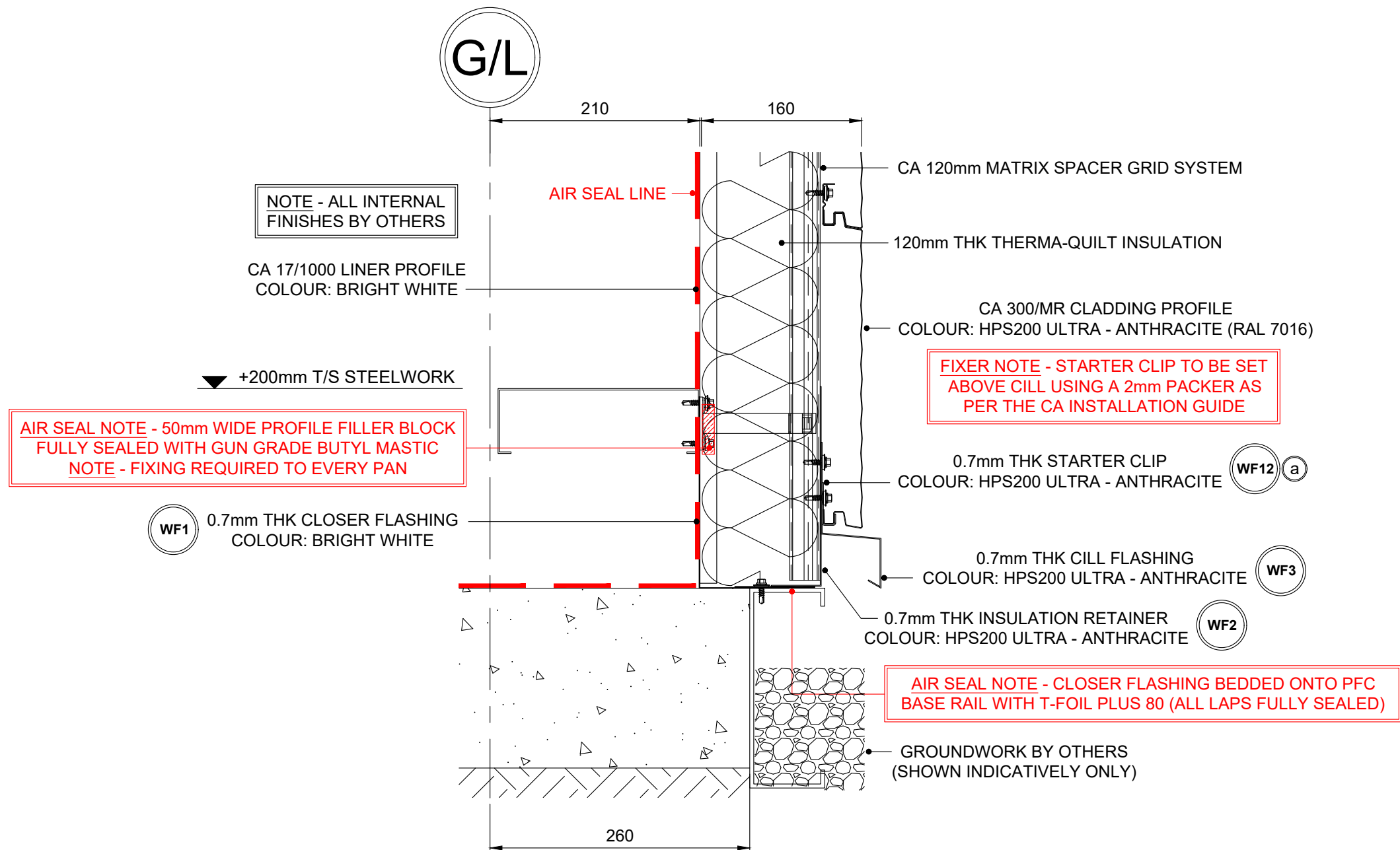
Project: **UNIT 1, CALDER PARK, WAKEFIELD**

Dwg Code: P21024_IRC_U1_XX_DR_0209

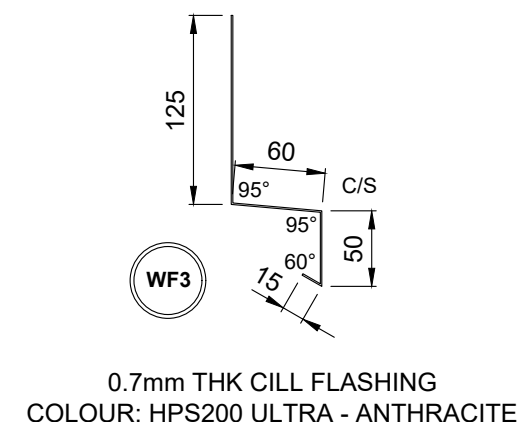
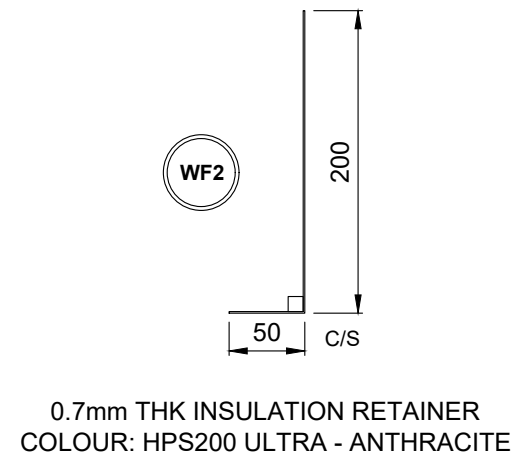
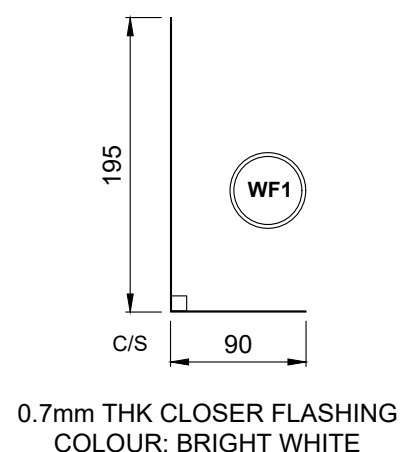
Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 209 Rev: AB1

Drawn: B.S. Checked: -

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* ALL DIMS TO SUIT CA STANDARD *



CILL FLASHING FIXING / SEALANT NOTE

LINER CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - LINER PANEL MAIN FIX WILL FULLY SECURE ONCE FITTED)
MAIN FIX TO PFC GROUND BEAM AT APPROX 1.5m CENTRES AND FULLY SEALED WITH T-FOIL PLUS 80

INSULATION RETAINER FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT

Drawing Title: TYPICAL CILL DETAIL (300/MR BUILT-UP CLADDING)

Client: **winvic**

Project: **UNIT 1, CALDER PARK, WAKEFIELD**

Drg Code: P21024_IRC_U1_XX_DR_210

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 210 Rev: AB1

Drawn: B.S. Checked: -

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GLAZING HEAD FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID LOCATION

FEATUREBAND CILL FLASHING PRIMARY FIXING:
RIVET OR MAIN FIXING @ EVERY VERTICAL MATRIX GRID LOCATION
FIXED TO STEELWORK & GALV SUPPORT WITH LOW PROFILE MAIN FIX OR
RIVETS @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

FEATUREBAND CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

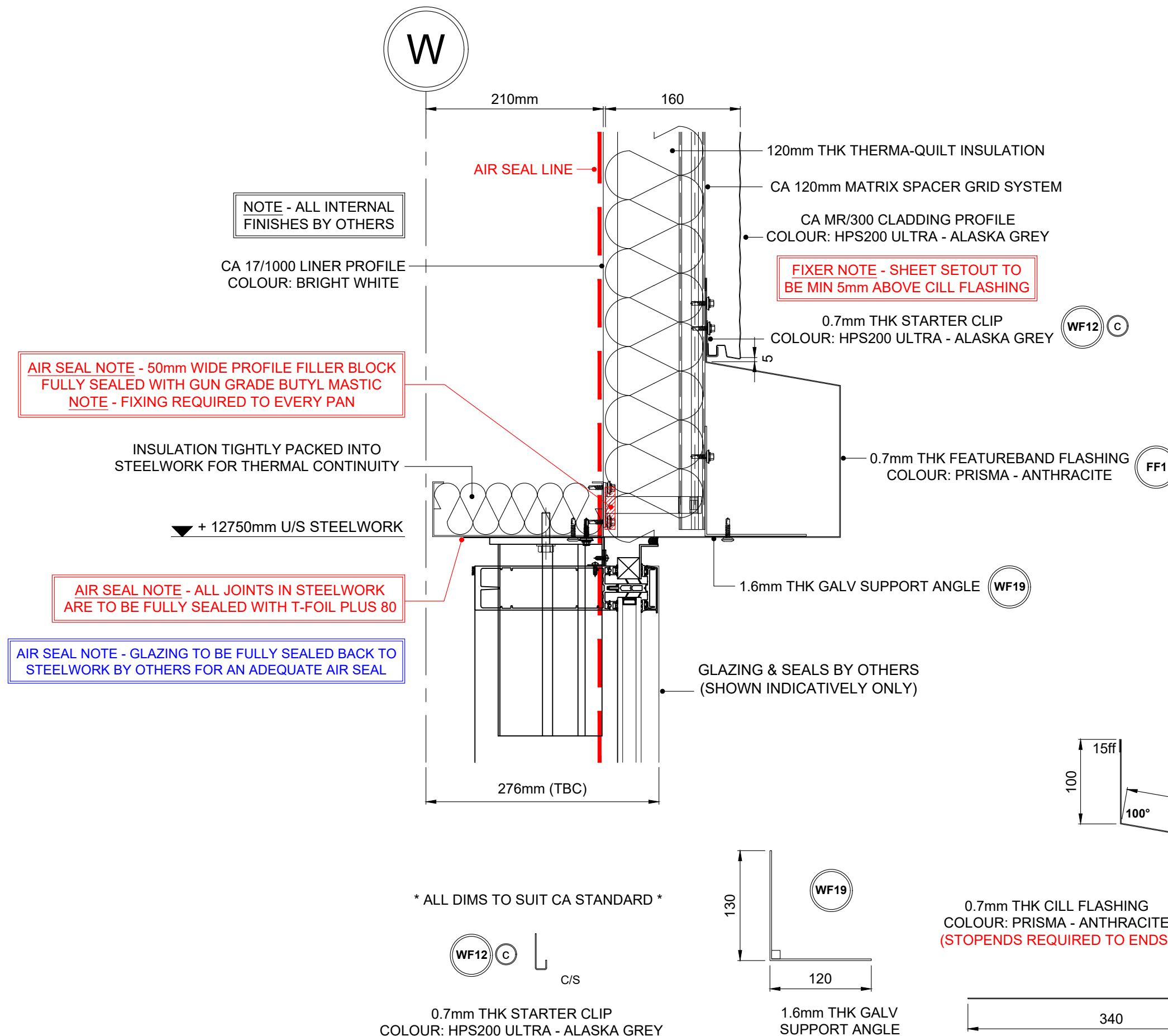
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT



AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title STRIP WINDOW HEAD DETAIL
(300/MR BUILT-UP CLADDING)

Client **winvic**

Project **UNIT 1, CALDER PARK, WAKEFIELD**

Drg Code **P21024_IRC_U1_XX_DR_211**

Drg Scale **1:5 @ A3** Date **07/07/2021** Drg No **211** Rev **AB1**

Drawn **B.S.** Checked **-**

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Unit 12a Maybrook Road
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AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

▼ + 11550mm T/S STEELWORK

AIR SEAL NOTE - ALL JOINTS IN STEELWORK ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

NOTE - ALL INTERNAL FINISHES BY OTHERS

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

1.6mm THK GALV SUPPORT ANGLE (WF13)

0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE (FF2)

0.7mm THK CLOSER FLASHING
COLOUR: HPS200 - ALASKA GREY (WF20) (C)

1.6mm THK GALV SUPPORT ZED (GZ2)

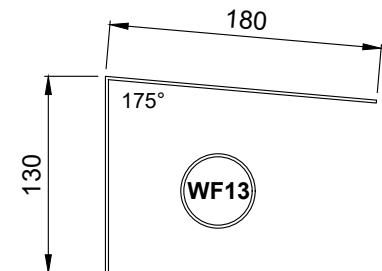
120mm THK THERMA-QUILT INSULATION

CA MR/300 CLADDING PROFILE
COLOUR: HPS200 ULTRA - ALASKA GREY

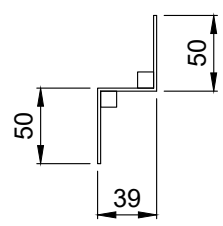
CA 120mm MATRIX SPACER GRID SYSTEM

AIR SEAL LINE

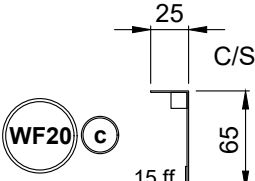
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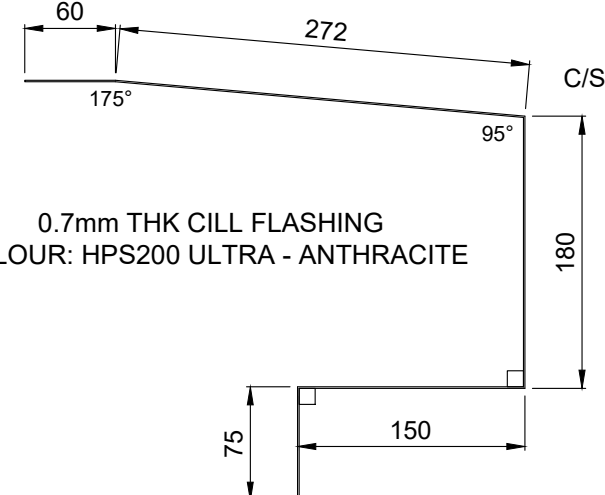
1.6mm THK GALV
SUPPORT ANGLE



1.6mm THK GALV
SUPPORT ZED (GZ2)



0.7mm THK CLOSER FLASHING
COLOUR: HPS200 - ALASKA GREY



0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE (FF2)

WINDOW CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR HEAVY DRILLER FIX @ MAX 450mm CENTRES

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

GALV SUPPORT PRIMARY FIXING:
MAIN FIX THROUGH CLADDING INTO SUPPORT ZED @ MAX 450mm CENTRES

WINDOW CILL FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLADDING & FLASHING WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C02	21/10/21	Updated to get adequate weather seal at the junction with the cill flashing	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status AS BUILT

Drawing Title STRIP WINDOW CILL DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic

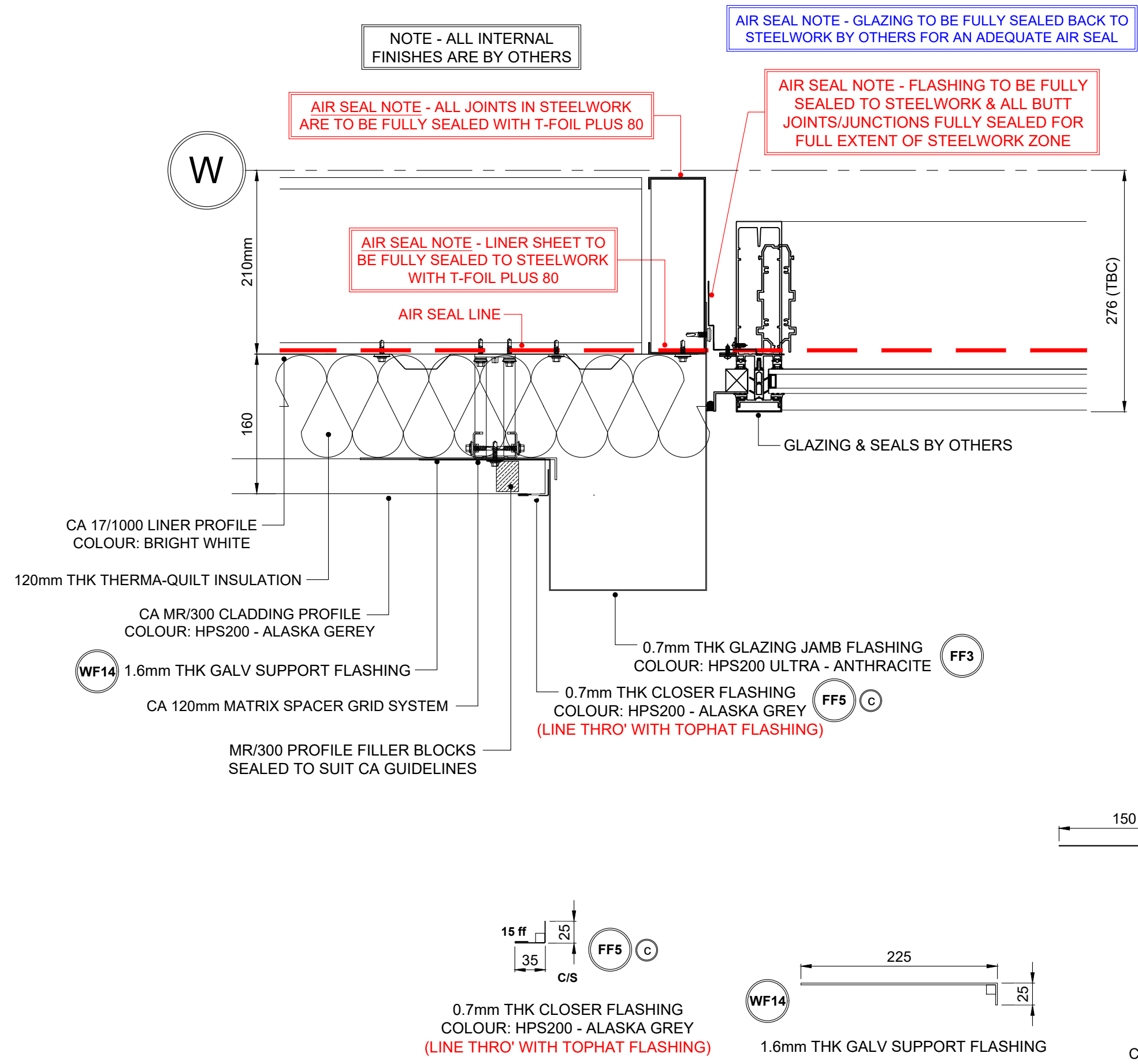
Project UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code P21024_IRC_U1_XX_DR_212

Dwg Scale 1:5 @ A3 Date 07/07/2021 Dwg No 212 Rev AB1

Drawn B.S. Checked -

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Tel: 01543 379800 Fax: 01543 379810 Email: design@carocellegroup.co.uk



WINDOW JAMB FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

WINDOW JAMB FLASHING PRIMARY FIXING:
RIVET FIX TO GALV SUPPORT @ APPROX 1.5m CENTRES
(SHEET FIXING TO FULLY SECURE INTO POSITION ONCE INSTALLED)
LOW PROFILE MAIN FIX TO STEEL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

WINDOW JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLADDING & FLASHING WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (**Chronus**) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	28/05/22	Issued for As Built	W.S.
C03	20/01/22	Updated to suit AW Aluminium Details	B.S.
C02	21/10/21	Updated to get adequate weather seal at the junction with the sill flashing	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: **AS BUILT**

Drawing Title: **STRIP WINDOW JAMB DETAIL (300/MR BUILT-UP CLADDING)**

Client: **winvic**

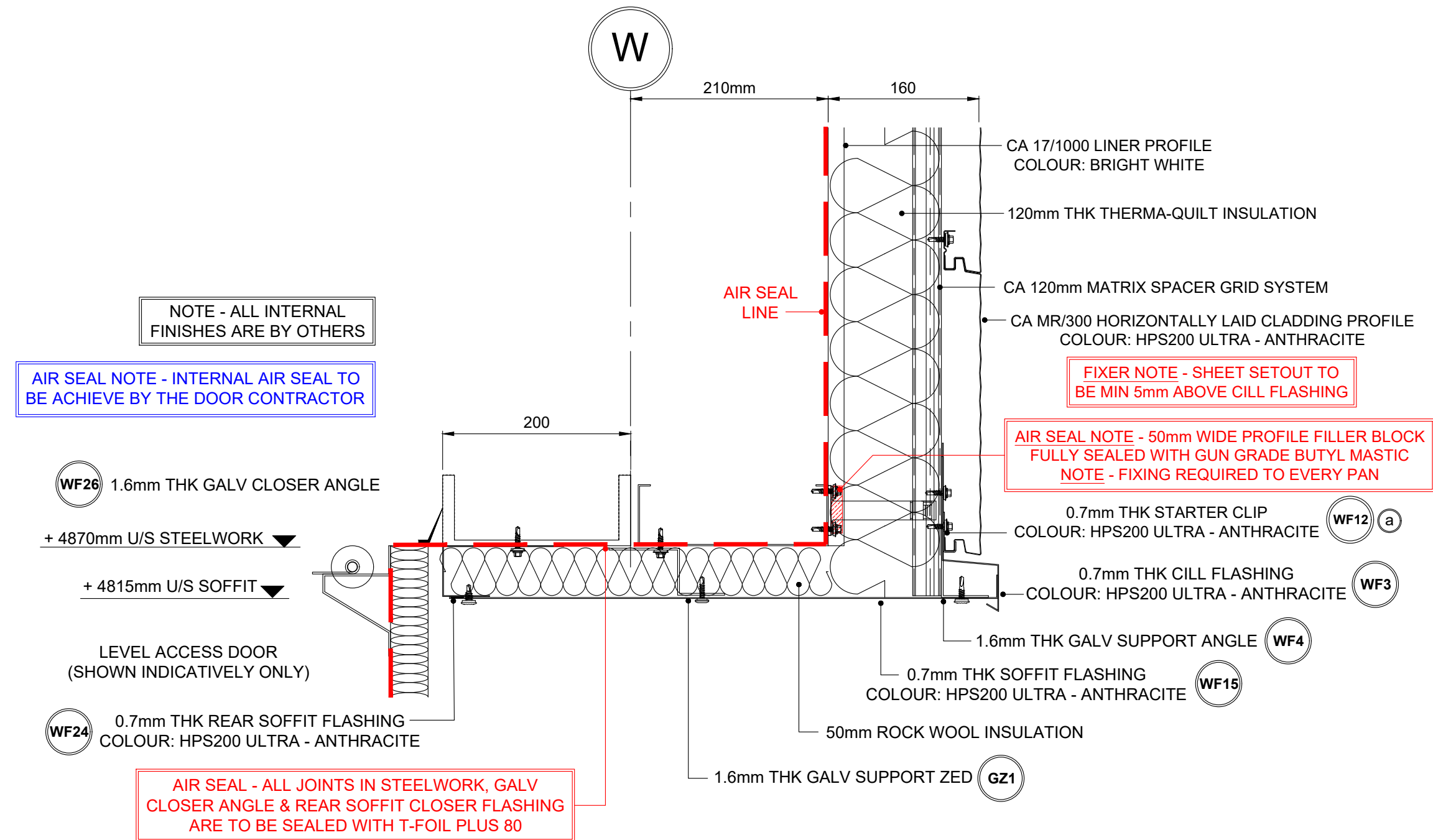
Project: **UNIT 1, CALDER PARK, WAKEFIELD**

Dwg Code: **P21024_IRC_U1_XX_DR_213**

Dwg Scale: **1:5 @ A3** Date: **07/07/2021** Dwg No: **213** Rev: **AB1**

Drawn: **B.S.** Checked: **-**

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DOOR FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY MATRIX GRID LOCATION

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CRS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIXING INTO STEELWORK @ 450mm CENTRES

SOFFIT PRIMARY FIXING:
LOW PROFILE MAIN FIX SCREW TO GALV SUPPORTS & STITCHER SCREWS TO REAR SOFFIT FLASHING ALL @ MAX 450 CENTRES (COLOUR TO MATCH)
SEALED WITH A CONTINUOUS RUN GUN GRADE T-BUTYL OR WITH T-STRIP 6 x 5mm POSITIONED WEATHERSIDE OF ALL JOINTS

REAR SOFFIT FLASHING PRIMARY FIXING: (TO STEELWORK REVEAL)
RIVETS OR MAIN FIX SCREW @ 450mm CENTRES
FULLY SEALED TO STEELWORK WITH T-FOIL PLUS 80 SEALING TAPE

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

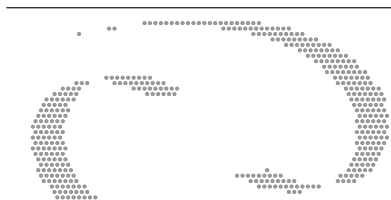
'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - CILL FLASHING TO BE FIXED TIGHT UP TO SOFFIT LEG TO DICTATE LEVEL

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT



AB1 26/05/22
C01 21/10/21

Rev Date Comment Initial

Drawing Status AS BUILT

Drawing Title LOADING DOOR HEAD DETAIL (300/MR BUILT-UP CLADDING)

Client winvic

Project UNIT 1, CALDER PARK, WAKEFIELD

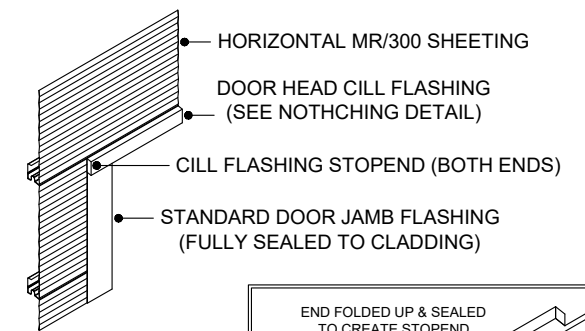
Drg Code P21024_IRC_U1_XX_DR_214

Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 214 Rev AB1

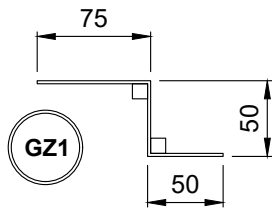
Drawn B.S. Checked -

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Walsall Wood, West Midlands, WS8 7DG
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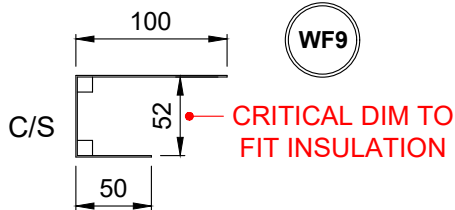
TYPICAL DOOR SEALING DETAIL



* ALL DIMS TO SUIT CA STANDARD *



1.6mm THK GALV SUPPORT ZED



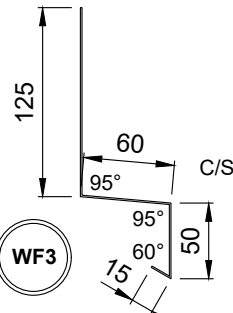
0.7mm THK REAR SOFFIT FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE



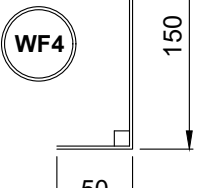
0.7mm THK STARTER CLIP
COLOUR: HPS200 ULTRA - ANTHRACITE



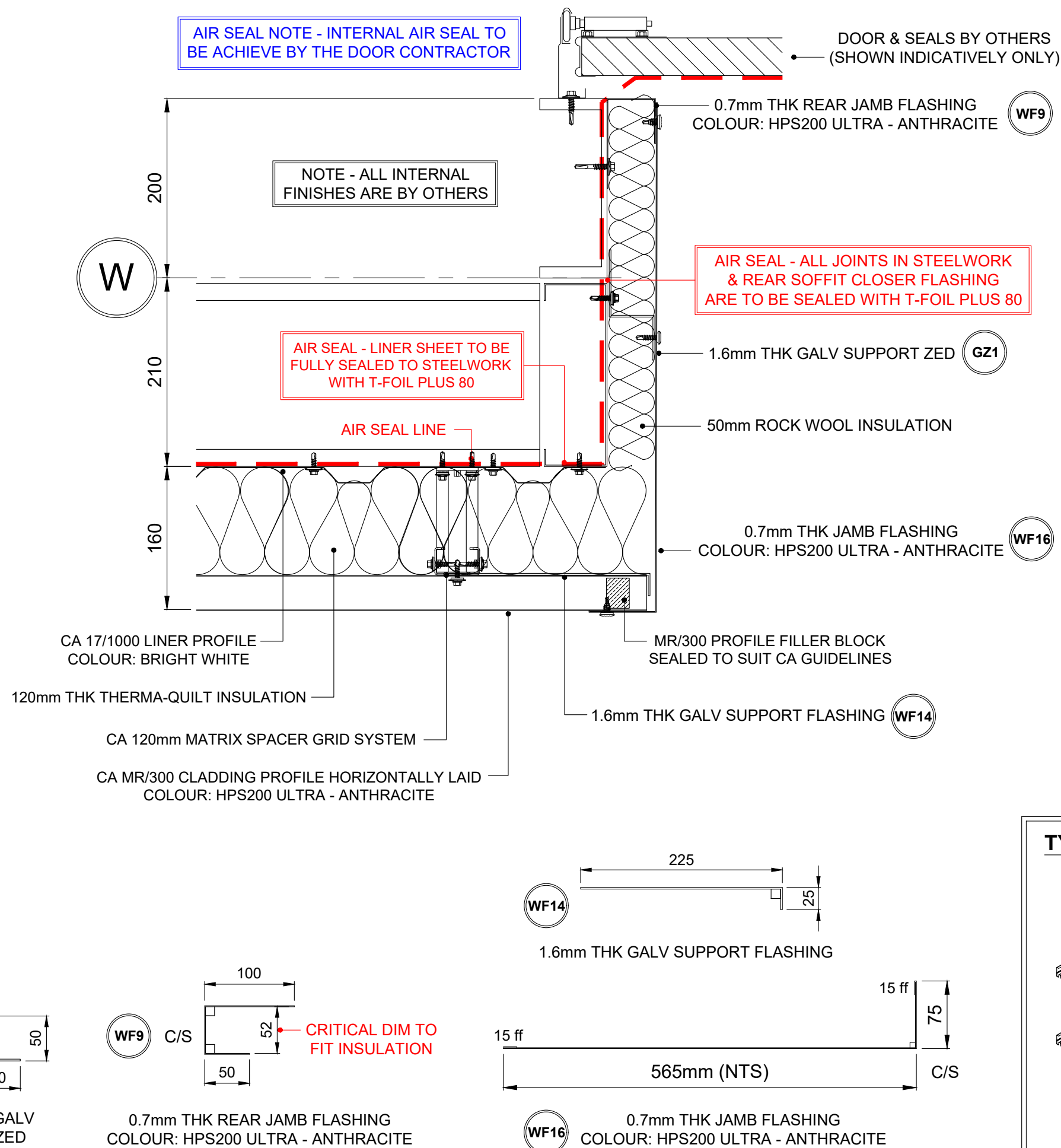
0.7mm THK SOFFIT FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE



0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE



1.6mm THK GALV
SUPPORT ANGLE



DOOR FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIXING INTO STEELWORK @ 450mm CENTRES

JAMB FLASHING PRIMARY FIXING:
FIXED TO SHEETS & REAR JAMB FLASHINGS WITH LOW PROFILE STITCHER SCREWS & FIXED TO GALV SUPPORT ZED WITH LOW PROFILE MAIN FIX ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
SEALED WITH A CONTINUOUS RUN GUN GRADE T-BUTYL OR T-STRIP 6 x 5mm POSITIONED WEATHERSIDE OF ALL JOINTS

JAMB FLASHING JOINT FIXING:
STITCHER SCREWS OR RIVETS AT 75mm - 100mm C/C (COLOUR TO MATCH)
ALL JOINTS TO BE LAPPED A MIN 100mm & FULLY SEALED WITH A SINGLE CONTINUOUS RUN GUN GRADE BUTYL POSITIONED WEATHERSIDE OF JOINT

REAR JAMB FLASHING PRIMARY FIXING: (TO STEELWORK REVEAL)
HEAVY DRILLER SCREWS @ 450mm CENTRES
FULLY SEALED TO STEELWORK WITH T-FOIL PLUS 80 SEALING TAPE

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

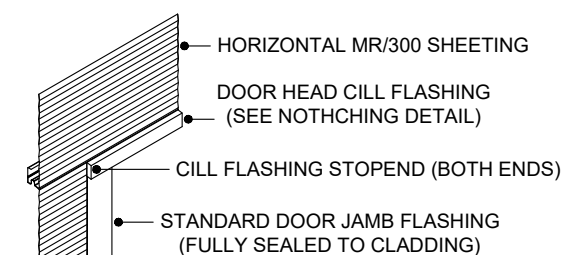
'U' VALUES SPECIFICATION

BUILT-UP (Chronus): 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

TYPICAL DOOR SEALING DETAIL



END FOLDED UP & SEALED
TO CREATE STOPEND
CILL OVERUN TO BE FULLY
SEALED BACK TO CLADDING

END RETURNED TO
CREATE STOPEND
THRO' WITH JAMB

CILL TO LINE

CILL FLASHING NOTCHING DETAIL

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C02	04/02/22	Filter support galv (WF14) added.	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT

Drawing Title: LOADING DOOR JAMB DETAIL
(300/MR BUILT-UP CLADDING)



Client: UNIT 1, CALDER PARK, WAKEFIELD

Project: UNIT 1, CALDER PARK, WAKEFIELD

Dig Code: P21024_IRC_U1_XX_DR_215

Dig Scale: 1:5 @ A3 Date: 07/07/2021 Dig No: 215 Rev: AB1

Drawn: B.S. Checked: -

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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

W

210 160

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

120mm THK THERMA-QUILT INSULATION

CA 120mm MATRIX SPACER GRID SYSTEM

CA MR/300 CLADDING PROFILE (HORIZONTAL)
COLOUR: HPS200 ULTRA - ANTHRACITE

**FIXER NOTE - SHEET SETOUT TO BE
MIN 5mm ABOVE CILL FLASHING**

0.7mm THK STARTER CLIP
COLOUR: HPS200 ULTRA - ANTHRACITE

WF12 a

0.7mm THK FEATURE CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

FF8

1.6mm THK GALV SUPPORT ANGLE

WF19

0.7mm THK CLOSER FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

WF18

PRECAST WALL BY OTHERS
(SHOWN INDICATIVELY ONLY)

285 (TBC)

NOTE - ALL INTERNAL
FINISHES ARE BY OTHERS

**AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN**

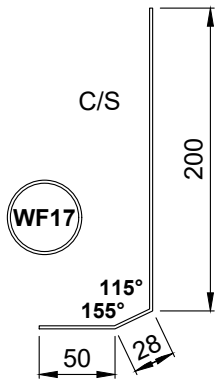
▼ +5150mm U/S STEELWORK

WF17

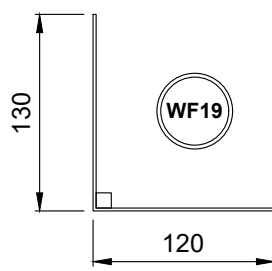
0.7mm THK CLOSER FLASHING
COLOUR: BRIGHT WHITE

▼ +5000mm T/S PRECAST

**AIR SEAL - BACKFILL CLOSURE FLASHING WITH A
CONTINUOUS RUN OF GUN APPLIED BUTYL MASTIC
ALL JOINTS TO BE FULLY SEALED WITH T-FOIL PLUS 80**

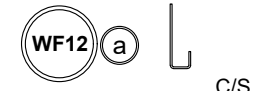


0.7mm THK CLOSER FLASHING
COLOUR: BRIGHT WHITE

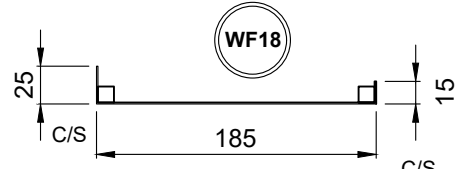


1.6mm THK GALV
SUPPORT ANGLE

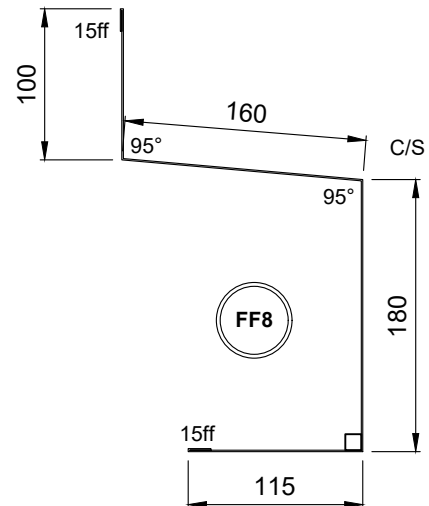
* ALL DIMS TO SUIT CA STANDARD *



0.7mm THK STARTER CLIP
COLOUR: HPS200 ULTRA - ANTHRACITE



0.7mm THK CLOSER FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE



0.7mm THK FEATUREBAND FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

FEATURE CILL FLASHING FIXING / SEALANT NOTE

LINER CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX SCREW @ APPROX 1500mm CENTRES
(NOTE: LINER PANEL MAIN FIX SCREW WILL FULLY SECURE ONCE FITTED)
FULLY SEALED TO CONCRETE GROUND BEAM WITH A CONTINUOUS RUN OF
LOW MODULUS GUN GRADE BUTYL SEALANT

GALV SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID LOCATION

FEATURE CILL FLASHING PRIMARY FIXING:
RIVET OR MAIN FIXING @ EVERY VERTICAL MATRIX GRID LOCATION
FIXED TO GALV SUPPORT WITH LOW PROFILE MAIN FIX OR RIVETS @ MAX
450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLOSER FLASHING WITH GUN GRADE T-BUTYL MASTIC

FEATURE CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CLOSER FLASHING PRIMARY FIXING:
RIVET FIX @ APPROX 1.5m CENTRES
(NOTE: FEATURE CILL FLASHING TO FULLY FIX ONCE INSTALLED)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

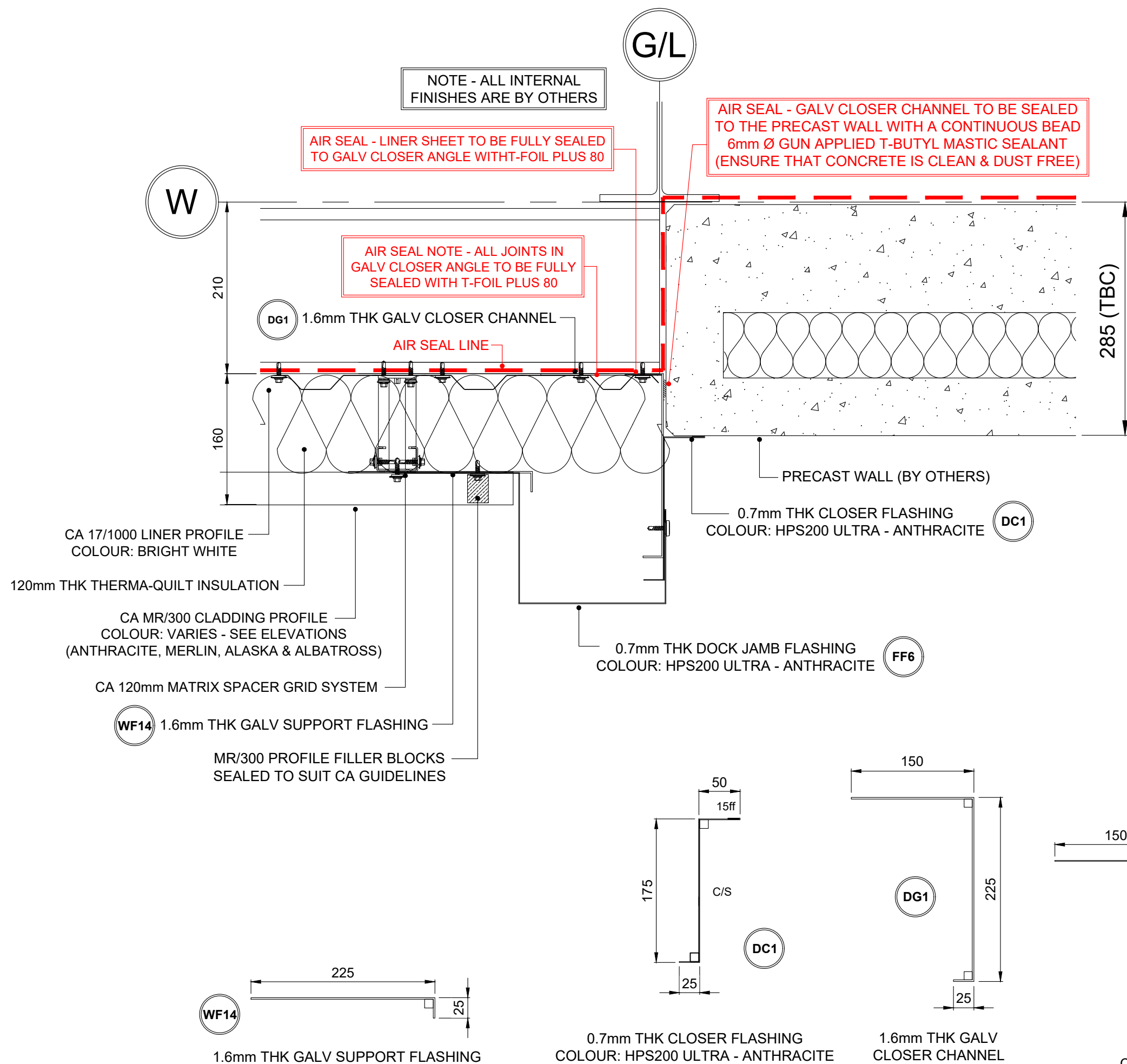
**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT
Drawing Title DOCK HEAD JUNCTION DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic
Project UNIT 1, CALDER PARK, WAKEFIELD
Drg Code P21024_IRC_U1_XX_DR_216
Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 216 Rev AB1
Drawn B.S. Checked -

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JAMB FLASHING FIXING/SEALANT NOTE:

GALV CLOSER CHANNEL PRIMARY FIXING:
2 NO. RIVET OR LOW PROFILE MAIN FIX SCREWS @ EVERY RAIL LOCATION SEALED TO PRECAST WALL WITH A CONTINUOUS BEAD OF T-BUTYL GUN GRADE SEALANT

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

JAMB FLASHING PRIMARY FIXING:
RIVET FIX TO GALV SUPPORT @ APPROX 1.5m CENTRES
(SHEET FIXING TO FULLY SECURE INTO POSITION ONCE INSTALLED)
LOW PROFILE MAIN FIX TO GALV @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLOSER FLASHING WITH GUN GRADE T-BUTYL MASTIC

JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CLOSER FLASHING PRIMARY FIXING:
RIVET FIX TO GALV SUPPORT CHANNEL @ APPROX 1.5m CENTRES
(JAMB FLASHING TO FULLY SECURE WHEN FITTED)
FULLY SEAL TO GALV CLOSER & PRECAST WALL WITH GUN GRADE T-BUTYL MASTIC

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus): 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT

Drawing Title: DOCK JAMB JUNCTION DETAIL (300/MR BUILT-UP CLADDING)

Client: **winvic**

Project: **UNIT 1, CALDER PARK, WAKEFIELD**

Dwg Code: P21024_IRC_U1_XX_DR_217

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 217 Rev: AB1

Drawn: B.S. Checked: -

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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

G/L

210mm

153

120mm THK THERMA-QUILT INSULATION

CA 120mm MATRIX SPACER GRID SYSTEM

CA 32/1000W CLADDING PROFILE
COLOUR: HPS200 ULTRA - ALBATROSS

FIXER NOTE - SHEET SETOUT TO
BE MIN 5mm ABOVE CILL FLASHING

AIR SEAL LINE

NOTE - ALL INTERNAL
FINISHES BY OTHERS

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

▼ + 14265mm U/S STEELWORK
STEELWORK VARIES (PFC/SHS)

AIR SEAL NOTE - ALL JOINTS IN STEELWORK
ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO
STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

0.7mm THK FEATURE CILL FLASHING
COLOUR: HPS200 - ANTHRACITE

FF8

1.6mm THK GALV SUPPORT ANGLE

WF19

0.7mm THK THK SOFFIT CLOSER
COLOUR: HPS200 ULTRA - ANTHRACITE

FF9

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

276mm (TBC)

325

15

C/S

FF9

0.7mm THK THK SOFFIT CLOSER
COLOUR: HPS200 ULTRA - ANTHRACITE

130

WF19

120

1.6mm THK GALV
SUPPORT ANGLE

100

15ff

160

95°

95°

C/S

180

15ff

115

FF8

0.7mm THK FEATUREBAND FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

GLAZING CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:

RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

FEATURE CILL FLASHING PRIMARY FIXING:

MAIN FIX SCREW TO EVERY MATRIX GRID BAR LOCATION
LOW PROFILE MAIN FIX TO GALV SUPPORT & LOW PROFILE HEAVY DRILLER
TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

FEATURE CILL FLASHING BUTT JOINT FIXING:

ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus): 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title FEATURE GLAZING HEAD DETAIL
(HORIZONTAL 32/1000 BUILT-UP)

Client winvic

Project UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code P21024_IRC_U1_XX_DR_218

Dwg Scale 1:5 @ A3 Date 07/07/2021 Dwg No 218 Rev AB1

Drawn B.S. Checked -

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AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

+ 6140mm T/S STEELWORK
+ 4050mm T/S STEELWORK

AIR SEAL NOTE - ALL JOINTS IN STEELWORK ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

NOTE - ALL INTERNAL FINISHES BY OTHERS

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

1.6mm THK GALV SUPPORT ANGLE (WF13)

0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE (FF2)

0.7mm THK CLOSER FLASHING (WF20) a ANTHRACITE
b MERLIN GREY
COLOUR: HPS200 - VARIES

1.6mm THK GALV SUPPORT ZED (GZ2)

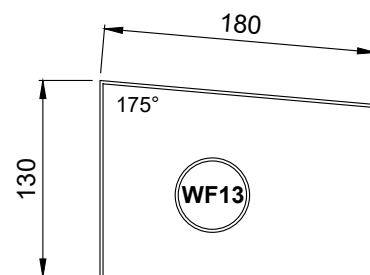
120mm THK THERMA-QUILT INSULATION

CA MR/300 CLADDING PROFILE
COLOUR: VARIES - SEE ELEVATIONS
ANTHRACITE OR MERLIN GREY

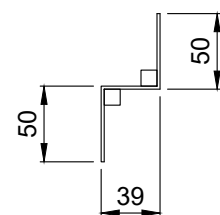
CA 120mm MATRIX SPACER GRID SYSTEM

AIR SEAL LINE

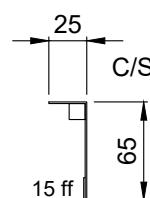
G/L



1.6mm THK GALV SUPPORT ANGLE



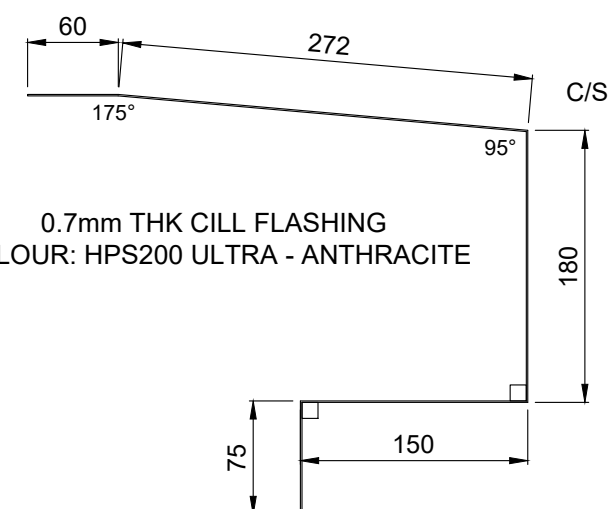
1.6mm THK GALV SUPPORT ZED (GZ2)



0.7mm THK CLOSER FLASHING
COLOUR: HPS200 - VARIES

(WF20) a ANTHRACITE
b MERLIN GREY

(FF2) 0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE



WINDOW CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR HEAVY DRILLER FIX @ MAX 450mm CENTRES

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

GALV SUPPORT PRIMARY FIXING:
MAIN FIX THROUGH CLADDING INTO SUPPORT ZED @ MAX 450mm CENTRES

WINDOW CILL FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLADDING & FLASHING WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status AS BUILT

Drawing Title FEATURE GLAZING CILL DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic

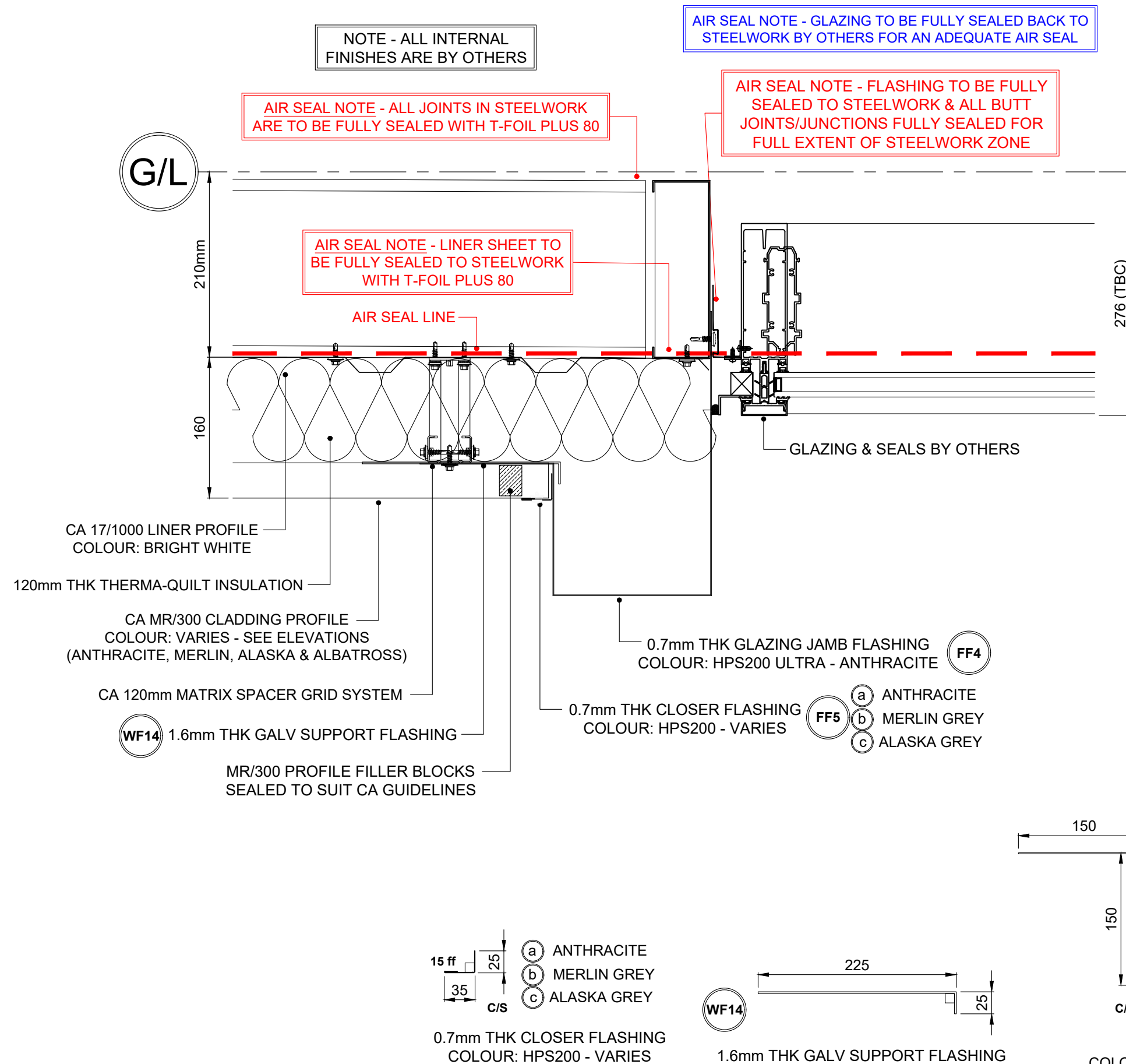
Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Code P21024_IRC_U1_XX_DR_219

Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 219 Rev AB1

Drawn B.S. Checked -

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GLAZING JAMB FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

GLAZING JAMB FLASHING PRIMARY FIXING:
RIVET FIX TO GALV SUPPORT @ APPROX 1.5m CENTRES
(SHEET FIXING TO FULLY SECURE INTO POSITION ONCE INSTALLED)
LOW PROFILE MAIN FIX TO STEEL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

GLAZING JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLADDING & FLASHING WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: FEATURE GLAZING JAMB DETAIL
(300/MR BUILT-UP CLADDING)

Client: **winvic**
Project: **UNIT 1, CALDER PARK, WAKEFIELD**
Drg Code: **P21024_IRC_U1_XX_DR_220**
Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 220 Rev: AB1
Drawn: B.S. Checked: -

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CORNER FLASHING FIXING/SEALANT NOTE:

CORNER FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER @ MAX 450mm CENTRES (COLOUR TO MATCH)
FLASHING SEALED TO CLADDING WITH T-STRIP 6 x 5mm BUTYL MASTIC
(MR300 FILLER BLOCKS ARE TO BE FITTED TO SUIT CA GUIDELINES)

CORNER BUTT JOINT FIXING:
RIVETS AT 75mm - 100mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

GALV SUPPORT ANGLE PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY SHEETING RAIL LOCATION

GALV FILLER SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX TO MATRIX GRID @ MAX 450mm CENTRES
(POSITION FIXINGS TO AVOID A CLASH WITH THE MR300 CLADDING JOINTS)

NOTE: ALL SCREWS ARE TO BE STAINLESS STEEL

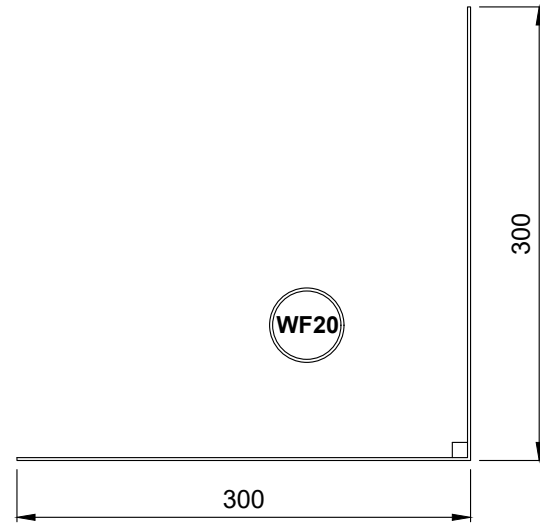
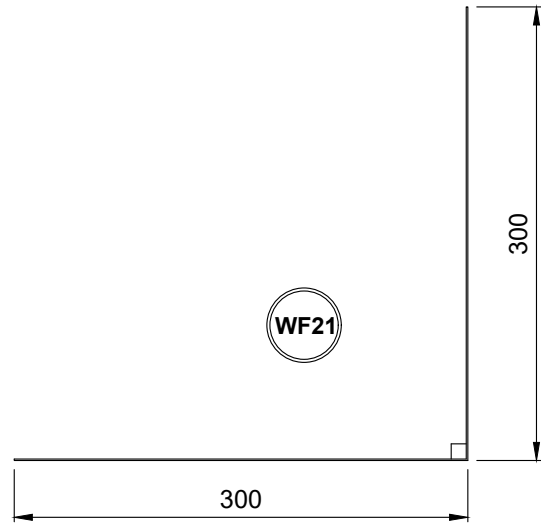
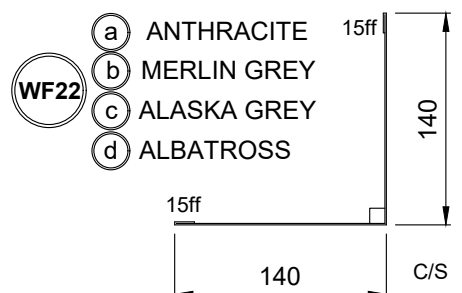
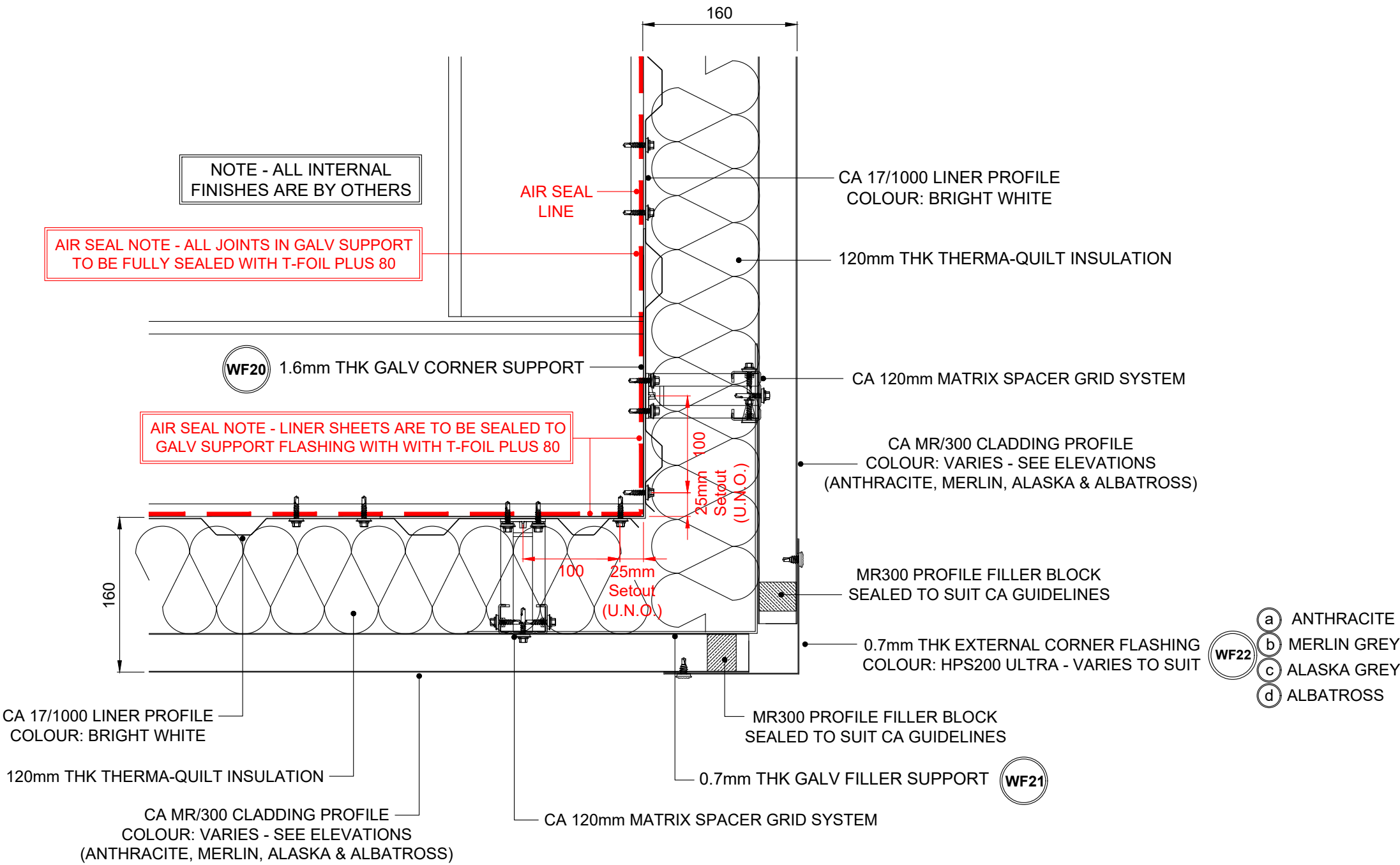
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT



AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

AS BUILT

EXTERNAL CORNER DETAIL
(300/MR BUILT-UP CLADDING)

Client

Project

UNIT 1, CALDER PARK, WAKEFIELD

Drg Code

P21024_IRC_U1_XX_DR_221

Drg Scale

1:5 @ A3

Date

07/07/2021

Drg No

221

Rev

AB1

Drawn

B.S.

Checked

-

CORNER FLASHING FIXING/SEALANT NOTE:

CORNER FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER @ MAX 450mm CENTRES (COLOUR TO MATCH)
FILLER BLOCKS TO BE SEALED TO SUIT CA **CHRONUS** GUIDELINES
(SEALED TO SHEETS ONLY WITH GUN GRADE BUTYL SEALANT - VENTED FLASHING SIDE).

CORNER BUTT JOINT FIXING:
RIVETS AT 75mm - 100mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

GALV SUPPORT ANGLE PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY SHEETING RAIL LOCATION

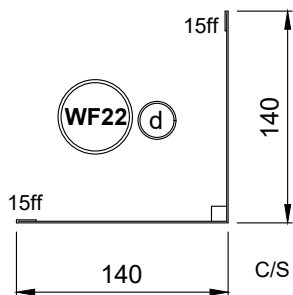
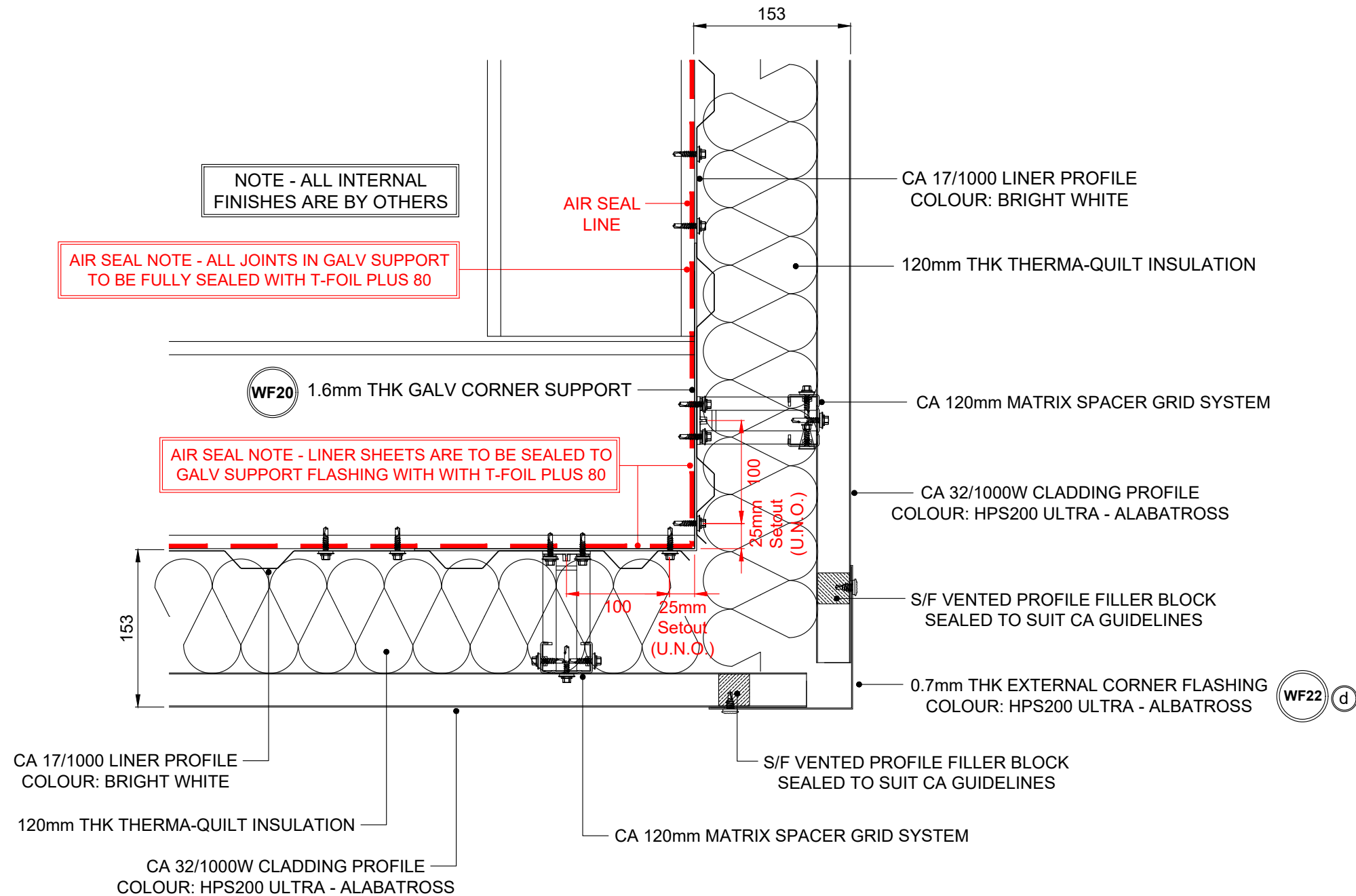
NOTE: ALL SCREWS ARE TO BE STAINLESS STEEL

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

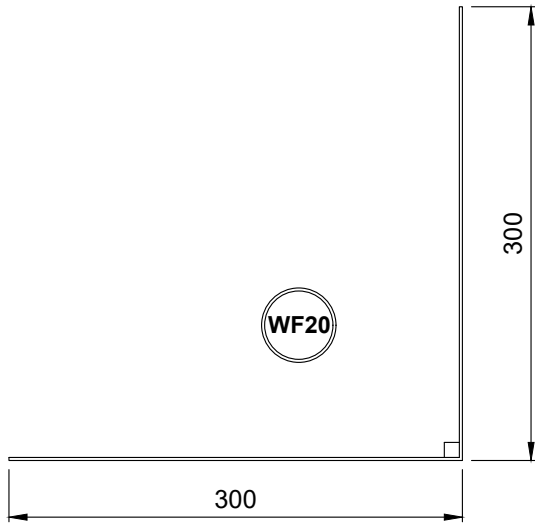
'U' VALUES SPECIFICATION

BUILT-UP (**Chronus**) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT



0.7mm THK EXTERNAL CORNER FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS



1.6mm THK GALV CORNER SUPPORT

AB1 26/05/22 Issued for As Built W.S.
C01 21/10/21 Issued for construction W.S.

Rev	Date	Comment	Initial
AS BUILT			
EXTERNAL CORNER DETAIL (HORIZONTAL 32/1000 BUILT-UP)			

Client **winvic**

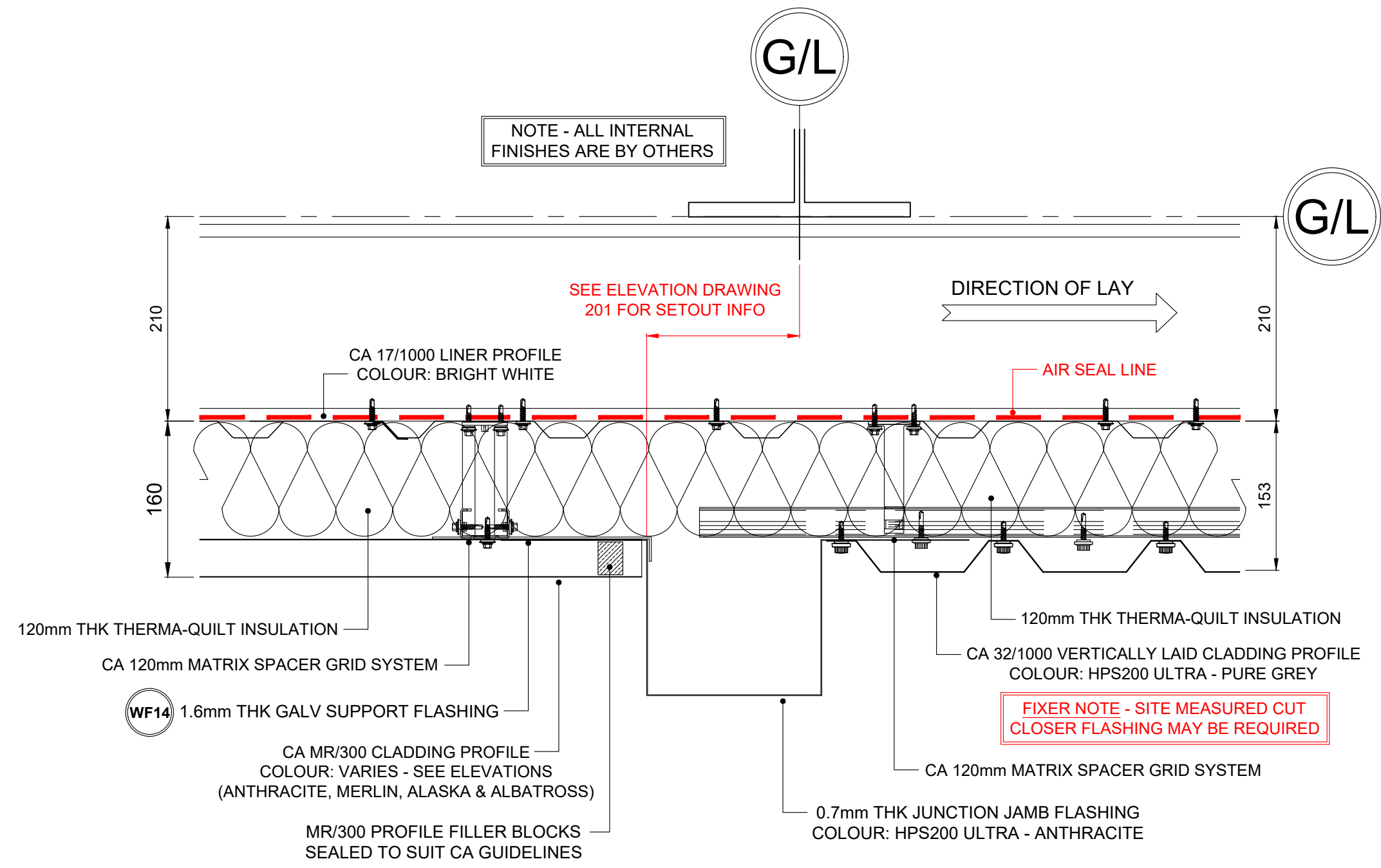
Project **UNIT 1, CALDER PARK, WAKEFIELD**

Drg Code **P21024_IRC_U1_XX_DR_222**

Drg Scale **1:5 @ A3** Date **07/07/2021** Drg No **222** Rev **AB1**

Drawn **B.S.** Checked **-**

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



JUNCTION FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

JUNCTION FLASHING PRIMARY FIXING:
RIVET FIX TO GALV SUPPORT @ APPROX 1.5m CENTRES & ALL HORIZONTAL MATRIX GRID BAR LOCATIONS
(SHEET FIXING TO FULLY SECURE INTO POSITION ONCE INSTALLED)

JUNCTION FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

'U' VALUES SPECIFICATION

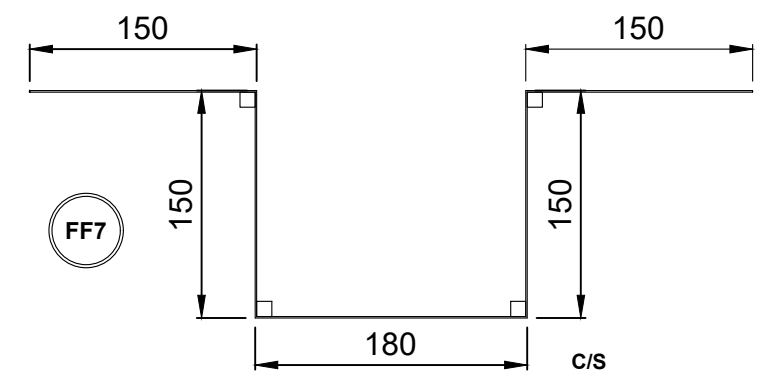
BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

**FIXER NOTE - SITE MEASURED CUT
CLOSER FLASHING MAY BE REQUIRED**



AB1 26/05/22
C01 21/10/21

Issued for As Built
Issued for construction

W.S.
W.S.

Rev	Date	Comment	Initial

Drawing Status: AS BUILT

Drawing Title: VERTICAL JUNCTION DETAIL
(300/MR - VERT 32/1000 BUILT-UP)

Client: winvic

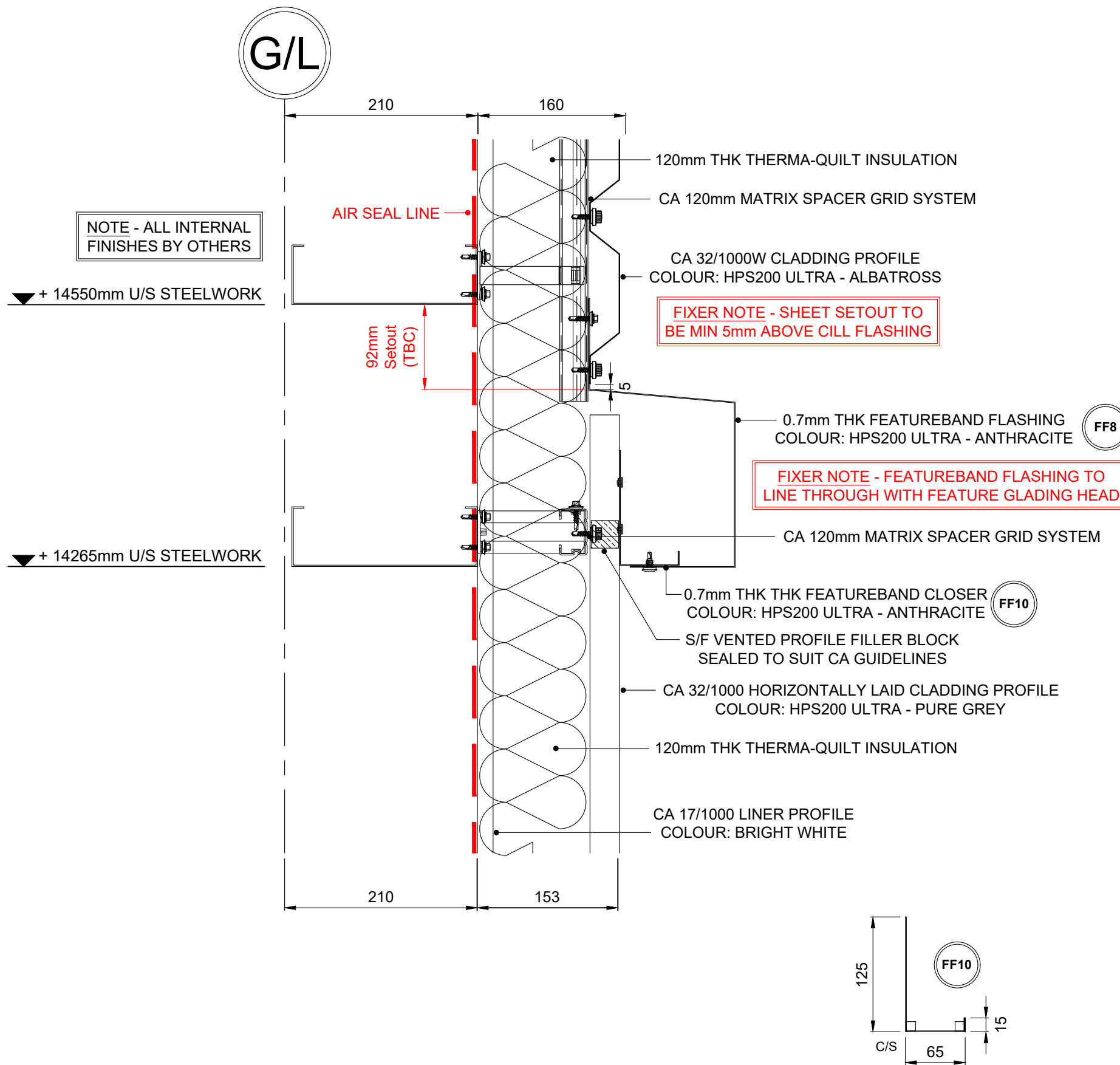
Project: UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code: P21024_IRC_U1_XX_DR_223

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 223 Rev: AB1

Drawn: B.S. Checked: -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands, WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



FEATUREBAND FLASHING FIXING/SEALANT NOTE:

FEATUREBAND CLOSER PRIMARY FIXING:
RIVET TO CLADDING @ MAX 450mm CENTRES
S/F FILLER BLOCKS TO BE SEALED TO SUIT **CHRONUS** GUIDELINES
(SEALED TO SHEETS ONLY WITH GUN GRADE T-BUTYL SEALANT AND VENTED TO THE CLOSER FLASHING SIDE)

FEATUREBAND FLASHING PRIMARY FIXING:
MAIN FIX SCREW TO EVERY MATRIX GRID BAR LOCATION
LOW PROFILE STITCHER OR RIVET TO FEATUREBAND CLOSER FLASHING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLOSER FLASHING WITH GUN GRADE T-BUTYL MASTIC

FEATUREBAND FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

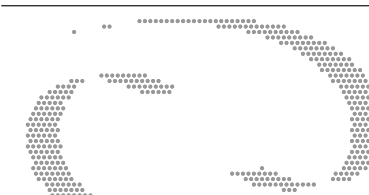
NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (**Chronus**) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT



AB1 26/05/22 Issued for As Built
C01 21/10/21 Issued for construction

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: FEATUREBAND JUNCTION DETAIL
(VERT 32/1000 - HORIZ 32/1000 BUILT-UP)



Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code: P21024_IRC_U1_XX_DR_224

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 224 Rev: AB1

Drawn: B.S. Checked: -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

JUNCTION FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

JUNCTION CILL FLASHING PRIMARY FIXING:
MAIN FIX SCREW TO EVERY MATRIX GRID BAR LOCATION

JUNCTION CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

JUNCTION CLOSER FLASHING FIXING:
MAIN FIX SCREW THROUGH SHEET INTO GALV SUPPORT ZED
FULLY SEALED TO SHEETS WITH T-STRIP 6 x 5mm OR T-BUTYL MASTIC
POSITIONED WEATHER SIDE OF ALL JOINTS

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

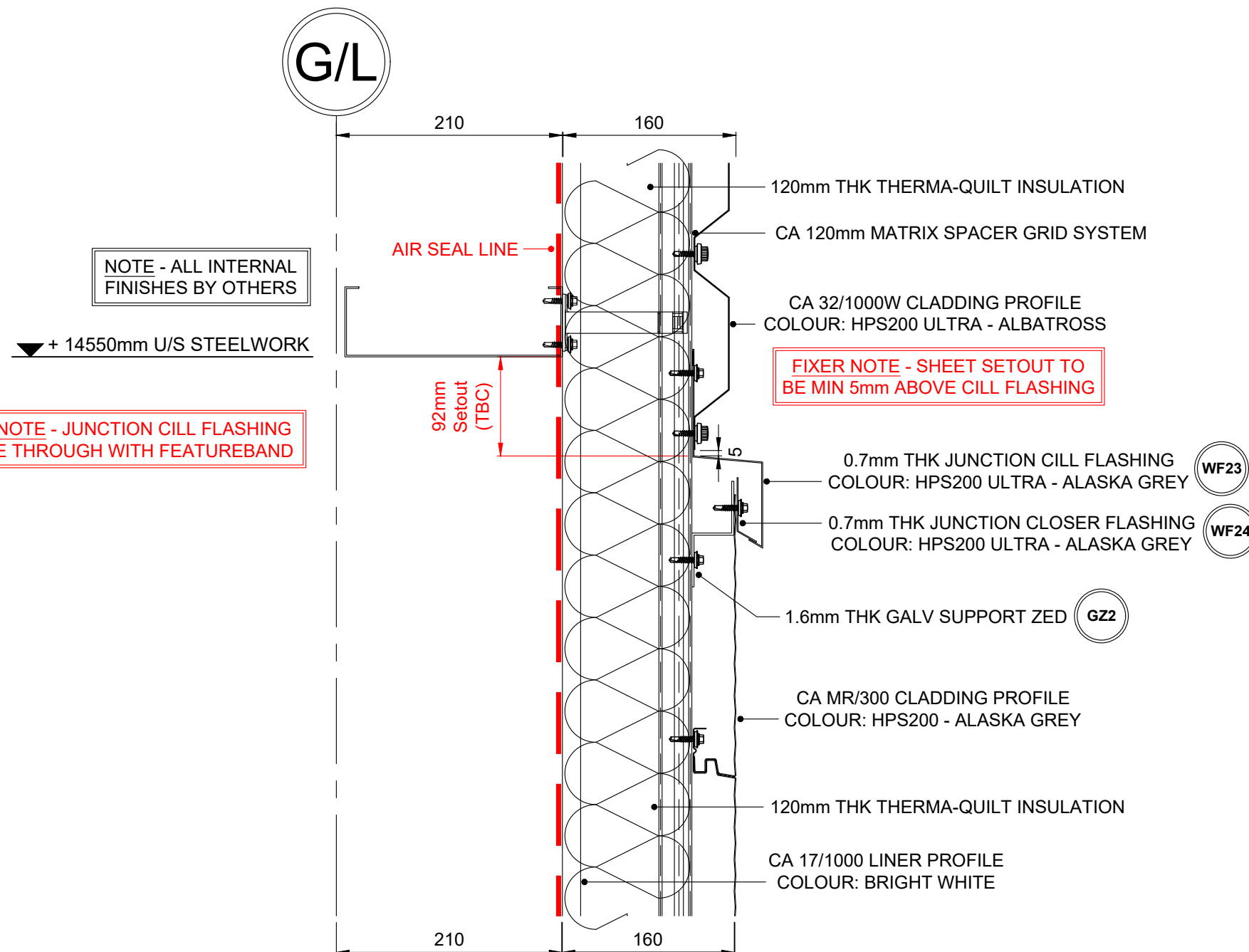
'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

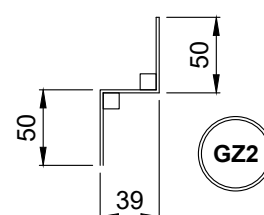


NOTE - ALL INTERNAL
FINISHES BY OTHERS

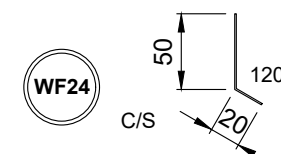
▼ + 14550mm U/S STEELWORK

FIXER NOTE - JUNCTION CILL FLASHING
TO LINE THROUGH WITH FEATUREBAND

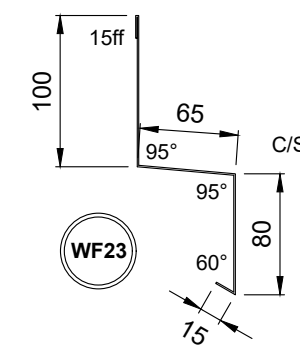
FIXER NOTE - SHEET SETOUT TO
BE MIN 5mm ABOVE CILL FLASHING



1.6mm THK GALV
SUPPORT ZED



0.7mm THK JUNCTION CLOSER FLASHING
COLOUR: HPS200 ULTRA - ALASKA GREY



0.7mm THK JUNCTION CILL FLASHING
COLOUR: HPS200 ULTRA - ALASKA GREY

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
CO1	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: HORIZONTAL JUNCTION DETAIL (MR/300 - HORIZ 32/1000 BUILT-UP)

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code: P21024_IRC_U1_XX_DR_225

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 225 Rev: AB1

Drawn: B.S. Checked: -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

DOOR HEAD FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY MATRIX GRID LOCATION

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CRS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

SOFFIT FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX @ 450mm MAX CENTRES (COLOUR TO MATCH)
REAR LEG FULLY SEALED TO STEELWORK WITH GUN GRADE BUTYL MASTIC
(NOTE: FRONT TUCKED INTO CILL SECTION WITH RIVET FIX IF REQUIRED)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

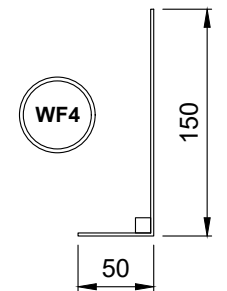
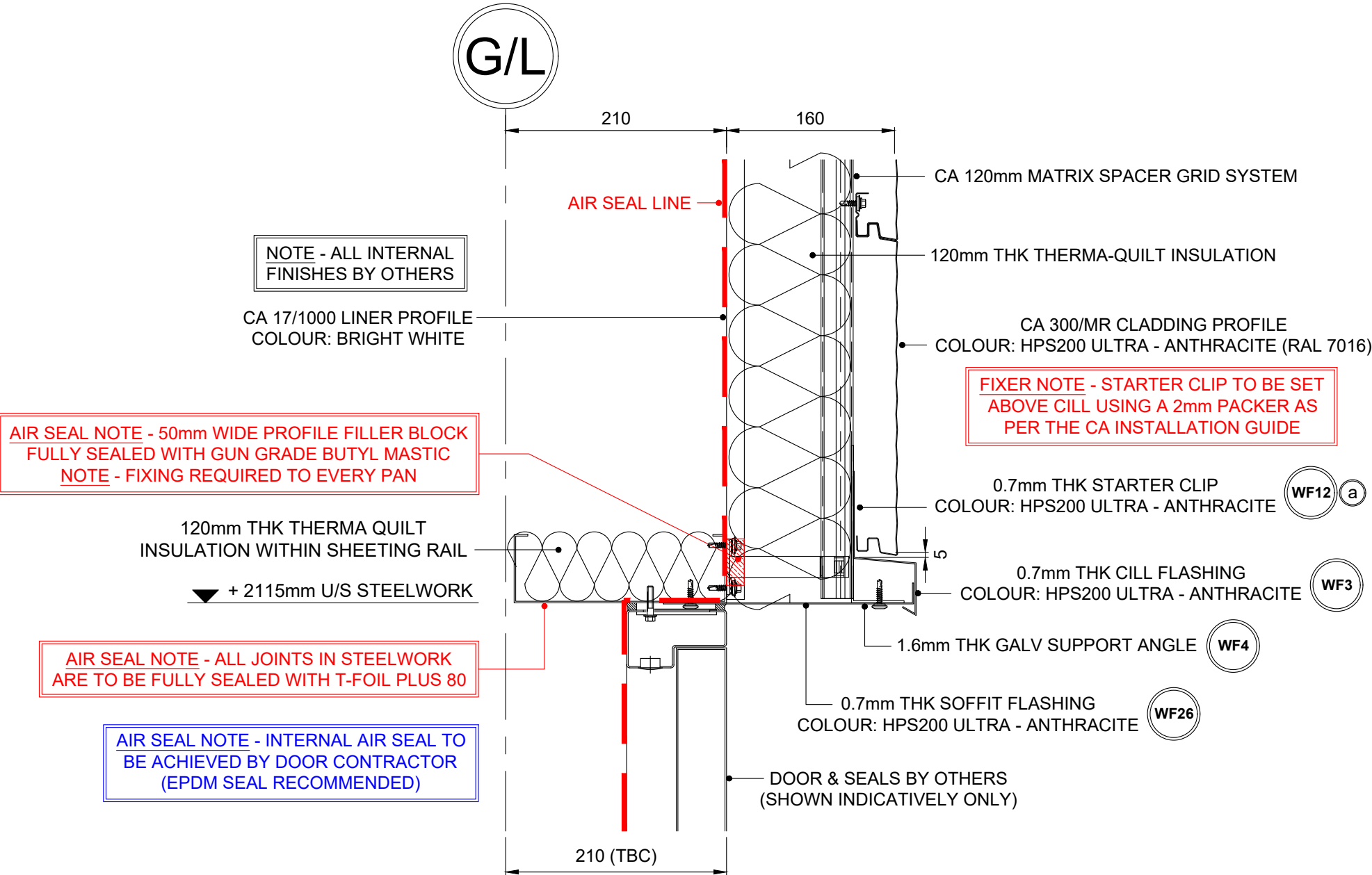
'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

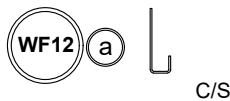
FIXER NOTE - CILL FLASHING TO BE FIXED
TIGHT UP TO SOFFIT LEG TO DICTATE LEVEL
& AVOID CLASH WITH THE OPENING DOOR

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

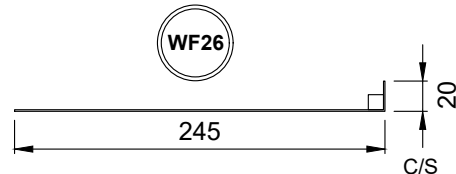


1.6mm THK GALV SUPPORT ANGLE

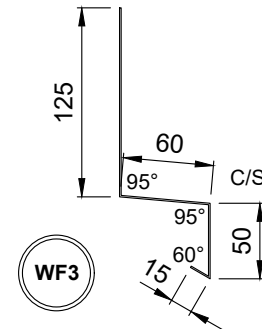
* ALL DIMS TO SUIT CA STANDARD *



0.7mm THK STARTER CLIP COLOUR: HPS200 ULTRA - ANTHRACITE

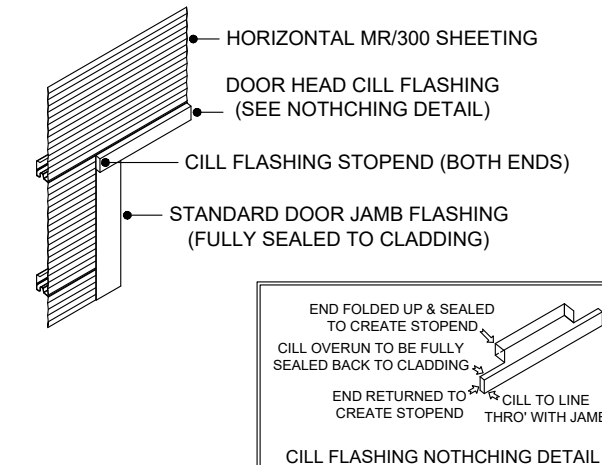


0.7mm THK SOFFIT FLASHING COLOUR: HPS200 ULTRA - ANTHRACITE



0.7mm THK CILL FLASHING COLOUR: HPS200 ULTRA - ANTHRACITE

TYPICAL DOOR SEALING DETAIL



Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: TYPICAL DOOR HEAD DETAIL (300/MR BUILT-UP CLADDING)

Client: winvic

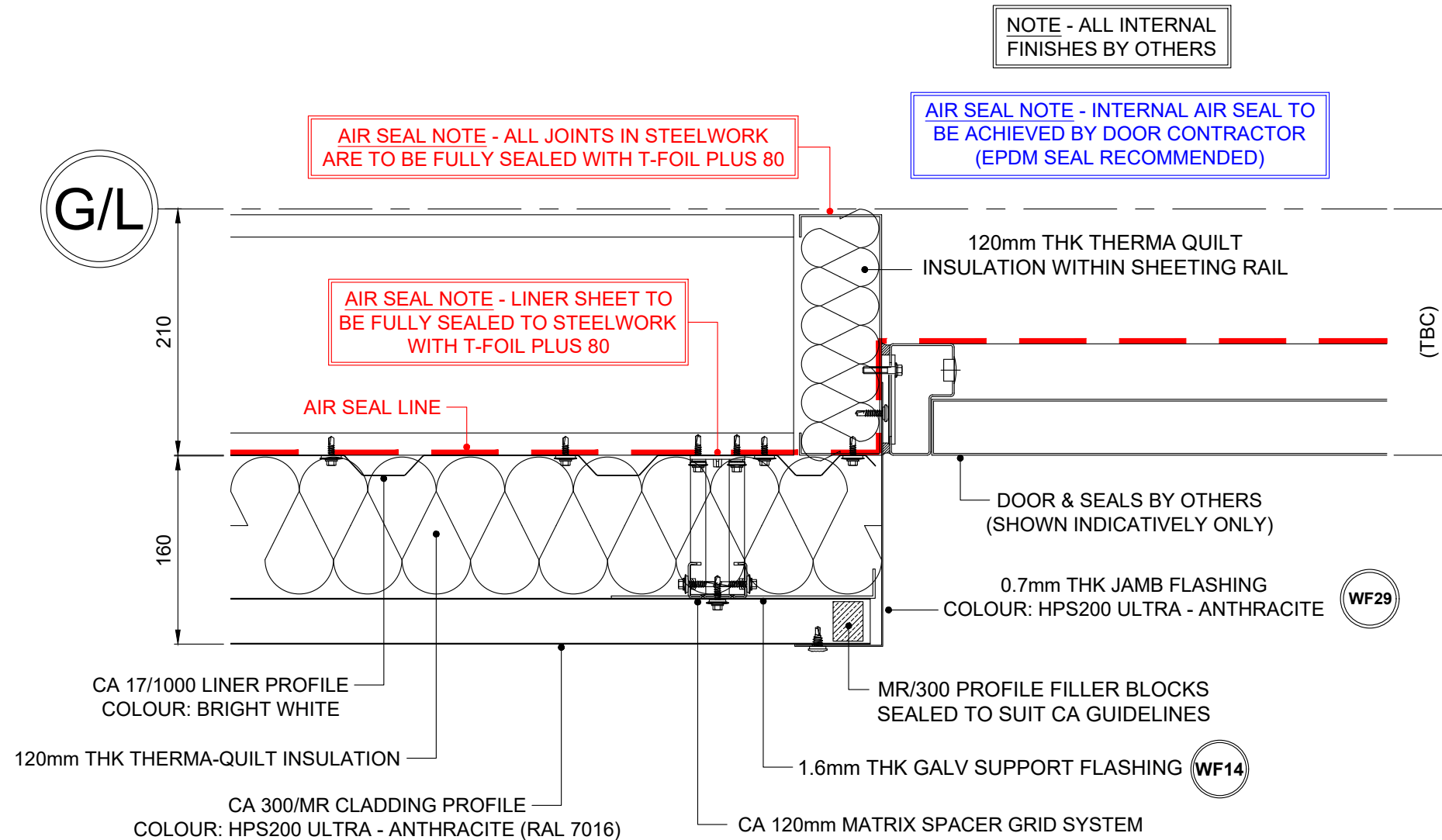
Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_226

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 226 Rev: AB1

Drawn: B.S. Checked: -

IRC CAROCELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



DOOR JAMB FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

DOOR JAMB FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE MAIN FIX TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

DOOR JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

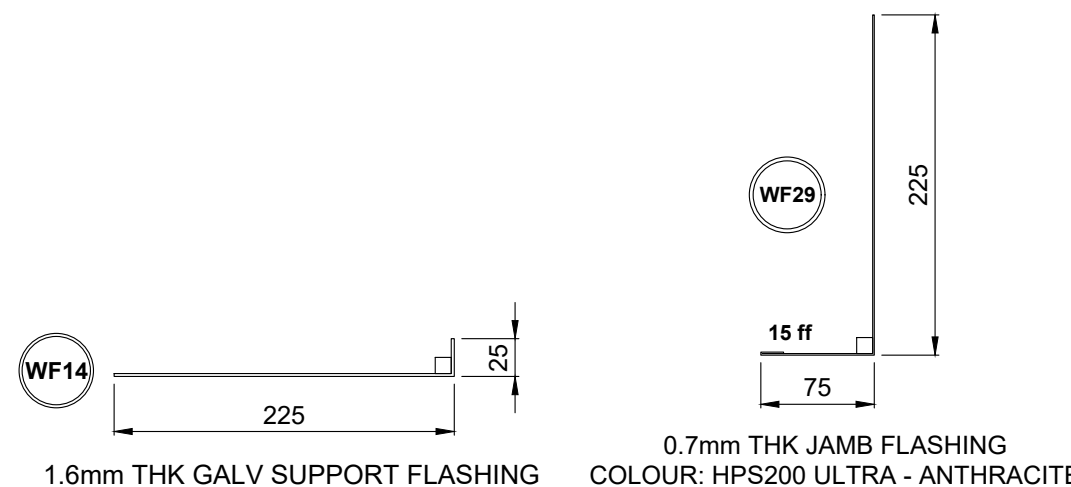
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

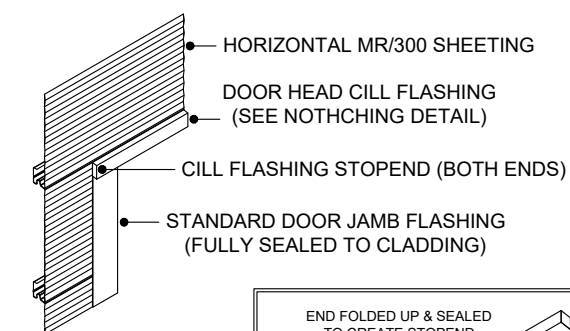
BUILT-UP (**Chronus**) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT



TYPICAL DOOR SEALING DETAIL

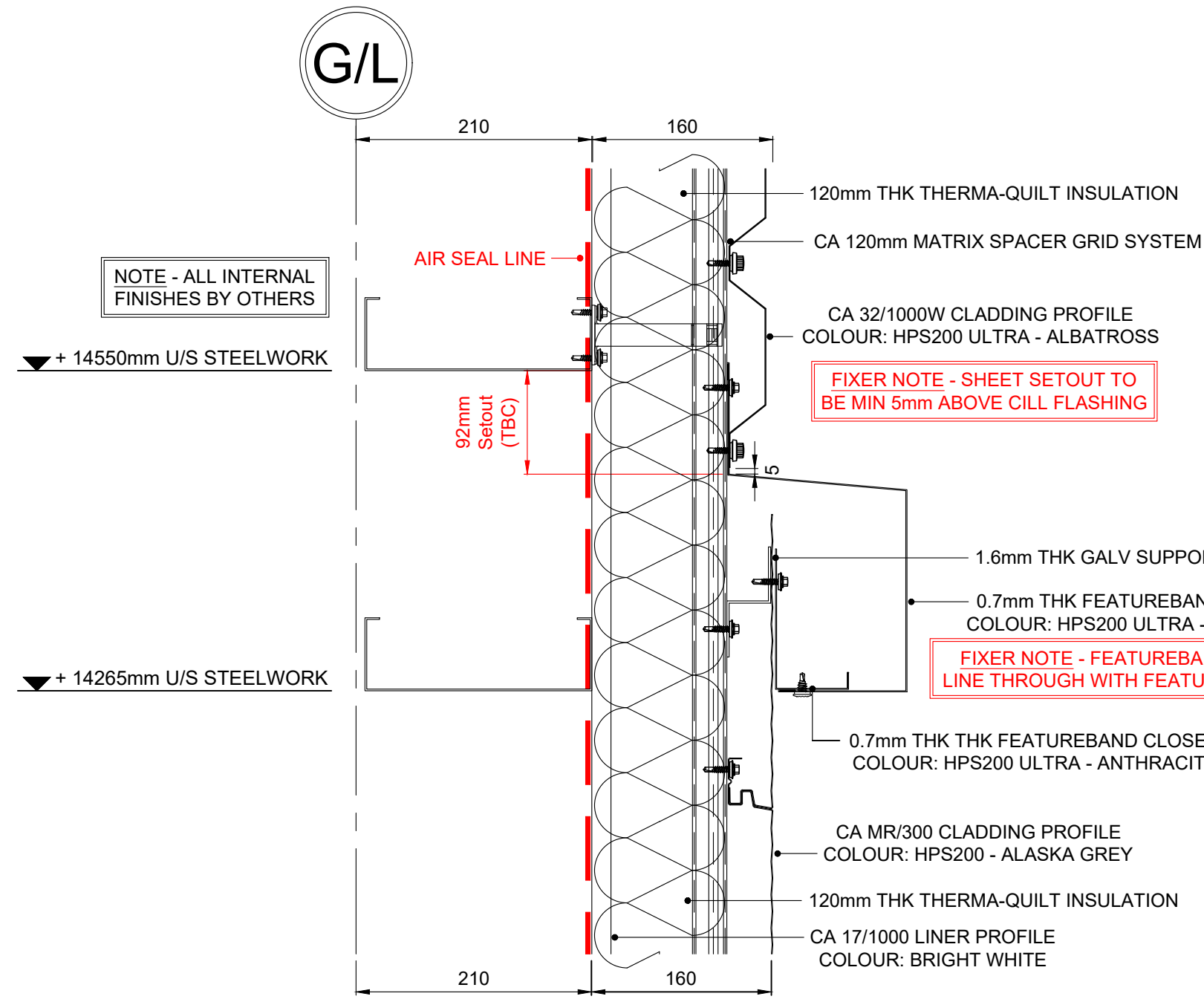


END FOLDED UP & SEALED TO CREATE STOPEND
CILL OVERUN TO BE FULLY SEALED BACK TO CLADDING

END RETURNED TO CILL TO LINE
CREATE STOPEND THRO' WITH JAMB

CILL FLASHING NOTCHING DETAIL

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial
Drawing Status	AS BUILT		
Drawing Title	TYPICAL DOOR JAMB DETAIL (300/MR BUILT-UP CLADDING)		
Client	winvic		
Project	UNIT 1, CALDER PARK, WAKEFIELD		
Dwg Code	P21024_IRC_U1_XX_DR_227		
Dwg Scale	1:5 @ A3	Date	07/07/2021
Dwg No	227	Rev	AB1
Drawn	B.S.	Checked	-
IRC CAROCELLE Ltd. Unit 12a Maybrook Road Maybrook Industrial Estate Walsall Wood, West Midlands. WS8 7DG Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk			



NOTE - ALL INTERNAL FINISHES BY OTHERS

FIXER NOTE - SHEET SETOUT TO BE MIN 5mm ABOVE CILL FLASHING

FIXER NOTE - FEATUREBAND FLASHING TO LINE THROUGH WITH FEATURE GLADING HEAD

FEATUREBAND FLASHING FIXING/SEALANT NOTE:

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

FEATUREBAND CLOSER PRIMARY FIXING:
RIVET OR MAIN FIX THRO' CLADDING IN TO GALV ZED @ MAX 450mm CENTRES

FEATUREBAND FLASHING PRIMARY FIXING:
MAIN FIX SCREW TO EVERY MATRIX GRID BAR LOCATION
LOW PROFILE STITCHER OR RIVET TO FEATUREBAND CLOSER FLASHING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLOSER FLASHING WITH GUN GRADE T-BUTYL MASTIC

FEATUREBAND FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE: ALL SCREWS ARE TO BE TO SUIT THE CA TWINTHERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

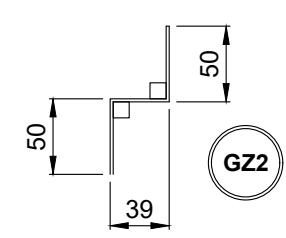
'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 152mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (32/1000 Profile)

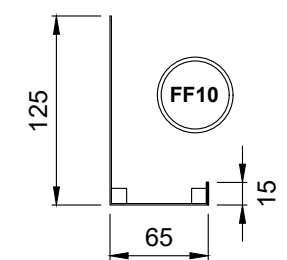
SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

SEE DRG 204 FOR STANDARD 32/1000 BUILT-UP CLADDING FIXING ARRANGEMENT

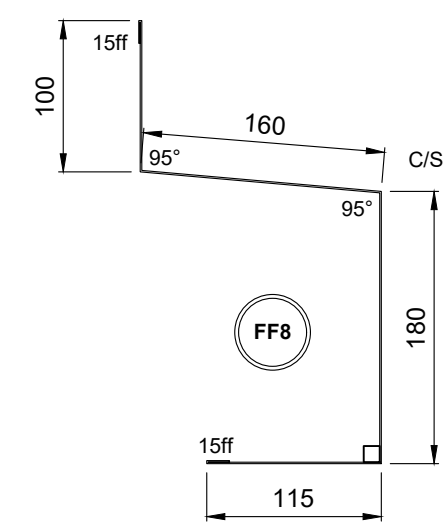
FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT



1.6mm THK GALV SUPPORT ZED



0.7mm THK THK FEATUREBAND CLOSER
COLOUR: HPS200 ULTRA - ANTHRACITE



0.7mm THK FEATUREBAND FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

AB1 26/05/22 Issued for As Built
C01 21/10/21 Issued for construction

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: HORIZONTAL JUNCTION DETAIL (MR/300 - HORIZ 32/1000 BUILT-UP)

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code: P21024_IRC_U1_XX_DR_228

Dwg Scale: 1:5 @ A3 Date: 07/07/2021 Dwg No: 228 Rev: AB1

Drawn: B.S. Checked: -

IRC CAROCHELLE Ltd.
Unit 12a Maybrook Road
Maybrook Industrial Estate
Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

NOTE - ALL INTERNAL FINISHES ARE BY OTHERS

CA MATRIX (BLUE BASE) SPACER GRID SYSTEM

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL

160

120mm THK THERMA-QUILT INSULATION

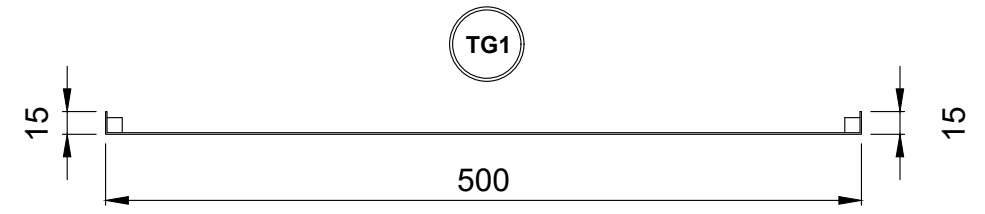
CA MR/300 CLADDING PROFILE
COLOUR: VARIES - SEE ELEVATIONS
(ANTHRACITE, MERLIN, ALASKA OR ALBATROSS)

TG1 1.2mm THK GALV CHANNEL SUPPORT

MR300 PROFILE FILLER BLOCK
FITTED TO SUIT CA GUIDELINES

0.7mm THK STANDARD TOPHAT FLASHING
COMPLETE WITH INSERT TO SUIT
COLOUR: VARIES - SEE ELEVATIONS

- T1
- a ANTHRACITE
 - b MERLIN GREY
 - c ALASKA GREY



1.2mm THK GALV CHANNEL SUPPORT

* ALL DIMS TOP SUIT CA
STANDARD MR/300 TOPHATS *

- C/S
- T1
- a ANTHRACITE
 - b MERLIN GREY
 - c ALASKA GREY

0.7mm THK STANDARD TOPHAT FLASHING
COMPLETE WITH INSERT TO SUIT
COLOUR: HPS200 ULTRA - VARIES

TOPHAT FLASHING FIXING/SEALANT NOTE:

TOPHAT FLASHING PRIMARY FIXING:
MAIN FIX TO GALV CHANNEL SUPPORT @ MAX 600mm CENTRES
SEALED TO CLADDING WITH T-STRIP 6 x 5mm BUTYL MASTIC
(MR300 FILLER BLOCKS ARE TO BE FITTED TO SUIT CA GUIDELINES)

TOPHAT INSERT FLASHING:
SNAPPED INTO TOPHAT FLASHING TO SUIT

GALV CHANNEL SUPPORT FIXING:
RIVETED TO MATRIX BARS AT APPROX 1500mm CENTRES
(NOTE: WALL SHEET MAIN FIX SCREW WILL FULLY SECURE ONCE FITTED)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

AB1 26/05/22 Issued for AS Built W.S.

Rev	Date	Comment	Initial
1	26/05/22	Issued for AS Built	

Drawing Status: AS BUILT

Drawing Title: TOPHAT JUNCTION DETAIL (300/MR BUILT-UP CLADDING)

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_229

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 229 Rev: AB1

Drawn: B.S. Checked: -

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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

G/L

210mm

160

AIR SEAL LINE

120mm THK THERMA-QUILT INSULATION

CA 120mm MATRIX SPACER GRID SYSTEM

CA MR/300 CLADDING PROFILE
COLOUR: VARIES - SEE ELEVATIONS
(ANTHRACITE, MERLIN, ALASKA & ALBATROSS)

FIXER NOTE - SHEET SETOUT TO
BE MIN 5mm ABOVE CILL FLASHING

NOTE - ALL INTERNAL
FINISHES BY OTHERS

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

INSULATION TIGHTLY PACKED INTO
STEELWORK FOR THERMAL CONTINUITY

+ 14390mm U/S STEELWORK
+ 10190mm U/S STEELWORK
+ 6290mm U/S STEELWORK
+ 2390mm U/S STEELWORK

AIR SEAL NOTE - ALL JOINTS IN STEELWORK
ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO
STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

0.7mm THK STARTER CLIP
COLOUR: VARIES TO SUIT

- a ANTHRACITE
b MERLIN GREY
c ALASKA GREY
d ALBATROSS

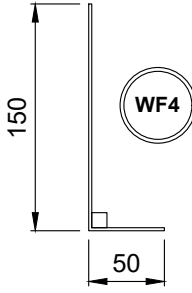
0.7mm THK HEAD CILL FLASHING
COLOUR: HPS200 - ANTHRACITE

1.6mm THK GALV SUPPORT ANGLE

0.7mm THK SOFFIT FLASHING
COLOUR: HPS200 - ANTHRACITE

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

210mm (TBC)



1.6mm THK GALV
SUPPORT ANGLE

* ALL DIMS TO SUIT CA STANDARD *

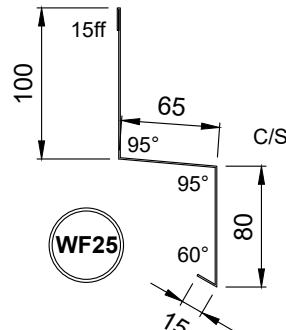
- a ANTHRACITE
b MERLIN GREY
c ALASKA GREY
d ALBATROSS



0.7mm THK STARTER CLIP
COLOUR: VARIES TO SUIT



0.7mm THK CILL FLASHING
COLOUR: HPS200 - ANTHRACITE



0.7mm THK CILL FLASHING
COLOUR: HPS200 - ANTHRACITE

WINDOW HEAD FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID LOCATION

WINDOW CILL FLASHING PRIMARY FIXING:
RIVET OR MAIN FIXING @ EVERY VERTICAL MATRIX GRID LOCATION
FIXED TO STEELWORK & GALV SUPPORT WITH LOW PROFILE MAIN FIX OR
RIVETS @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status AS BUILT

Drawing Title OFFICE WINDOW HEAD DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic

Project UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code P21024_IRC_U1_XX_DR_230

Dwg Scale 1:5 @ A3 Date 07/07/2021 Dwg No 230 Rev AB1

Drawn B.S. Checked -

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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

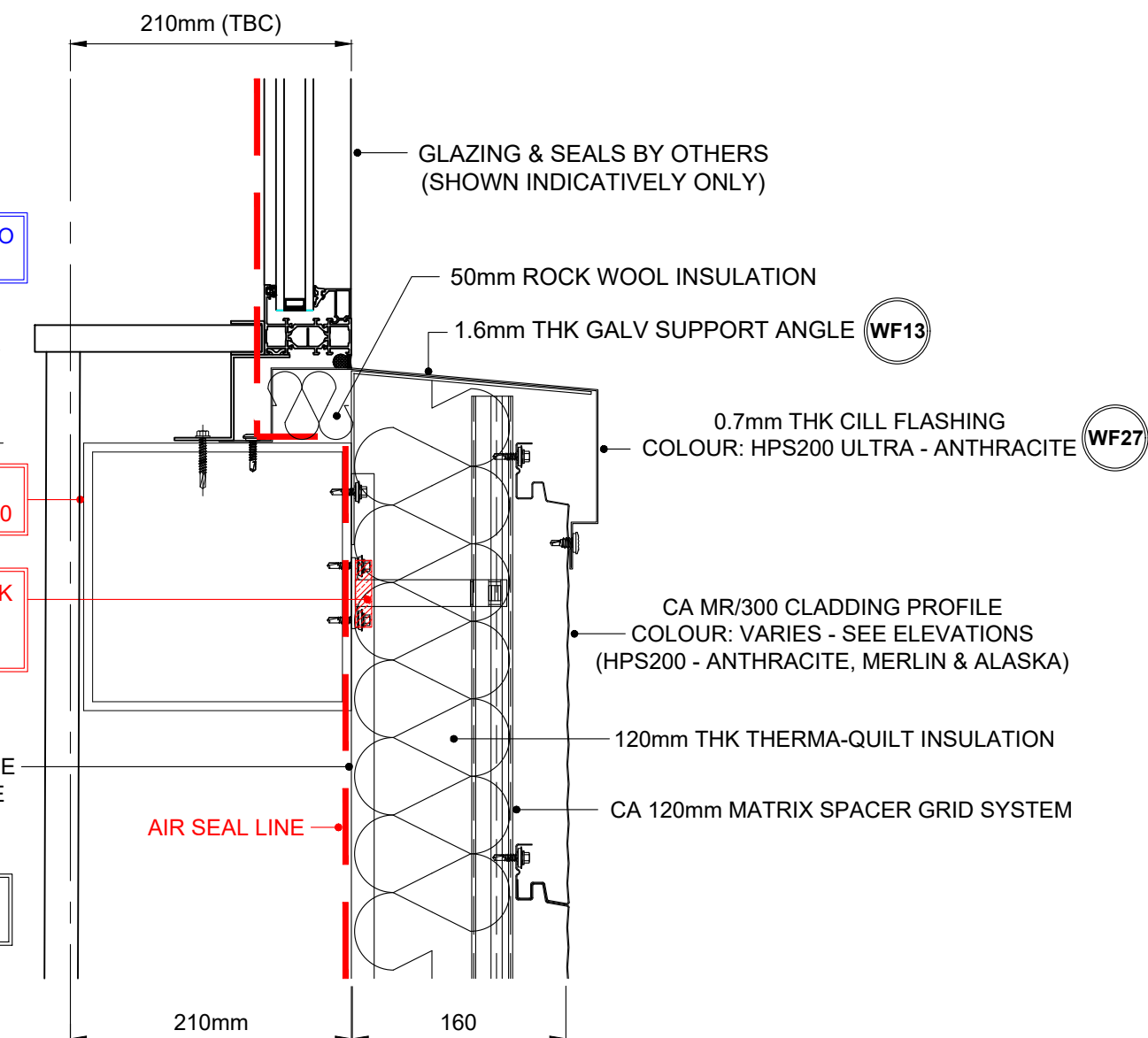
+ 13005mm U/S STEELWORK
+ 8805mm U/S STEELWORK
+ 4905mm U/S STEELWORK
+ 1005mm U/S STEELWORK

AIR SEAL NOTE - ALL JOINTS IN STEELWORK ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

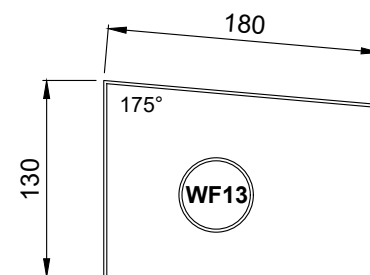
AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

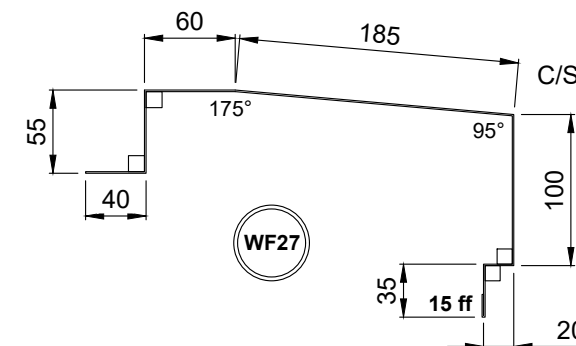
NOTE - ALL INTERNAL FINISHES BY OTHERS



G/L



1.6mm THK GALV
SUPPORT ANGLE



0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

WINDOW CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR HEAVY DRILLER FIX @ MAX 450mm CENTRES

WINDOW CILL FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status AS BUILT

Drawing Title OFFICE WINDOW CILL DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic

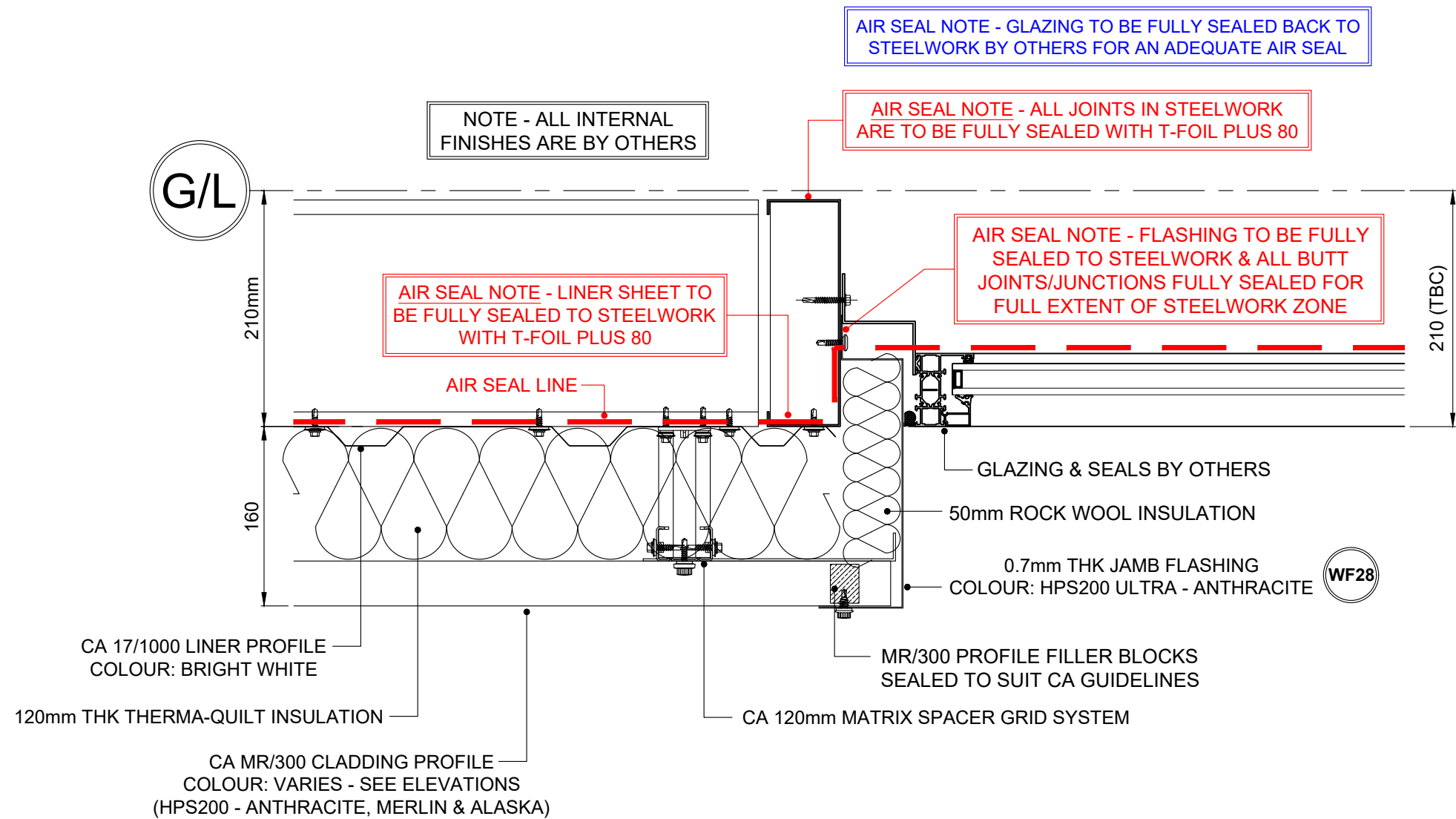
Project UNIT 1, CALDER PARK, WAKEFIELD

Dwg Code P21024_IRC_U1_XX_DR_231

Dwg Scale 1:5 @ A3 Date 07/07/2021 Dwg No 231 Rev AB1

Drawn B.S. Checked -

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WINDOW JAMB FLASHING FIXING / SEALANT NOTE

WINDOW JAMB FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

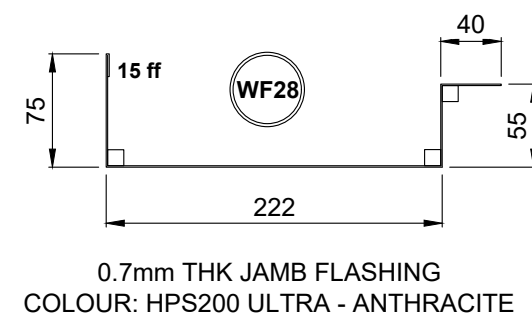
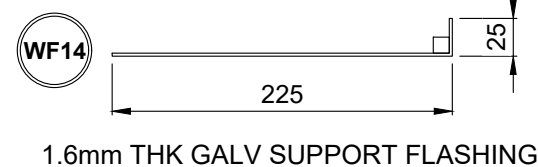
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT



AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title OFFICE WINDOW JAMB DETAIL
(300/MR BUILT-UP CLADDING)

Client



Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Code P21024_IRC_U1_XX_DR_232

Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 232 Rev AB1

Drawn B.S. Checked -

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G/L

210mm 160

AIR SEAL LINE

120mm THK THERMA-QUILT INSULATION
CA 120mm MATRIX SPACER GRID SYSTEM
CA MR/300 CLADDING PROFILE
COLOUR: VARIES - SEE ELEVATIONS

FIXER NOTE - SHEET SETOUT TO
BE MIN 5mm ABOVE CILL FLASHING

0.7mm THK STARTER CLIP
COLOUR: VARIES TO SUIT
0.7mm THK CLOSER FLASHING
COLOUR: VARIES TO SUIT

WF12 a ANTHRACITE
b MERLIN GREY
WF20 c ALASKA GREY
d ALBATROSS

NOTE - ALL INTERNAL
FINISHES BY OTHERS

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

INSULATION TIGHTLY PACKED INTO
STEELWORK FOR THERMAL CONTINUITY

+ 14765mm U/S STEELWORK
+ 10765mm U/S STEELWORK
+ 6765mm U/S STEELWORK
+ 2865mm U/S STEELWORK

AIR SEAL NOTE - ALL JOINTS IN STEELWORK
ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO
STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

0.7mm THK FEATURE CILL FLASHING
COLOUR: PRISMA - ANTHRACITE

FF1

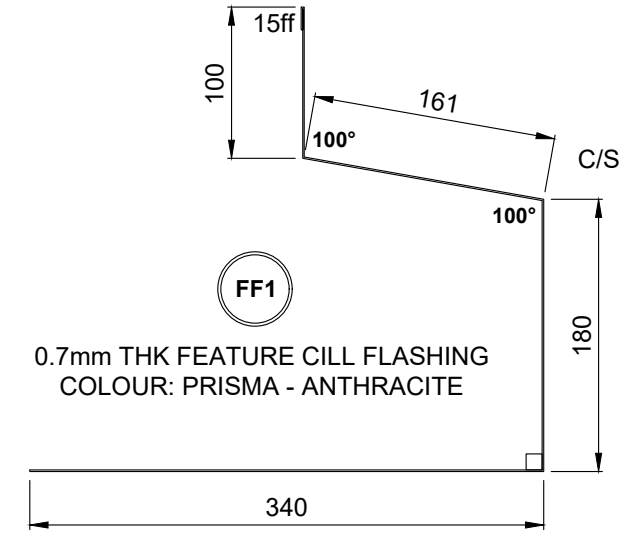
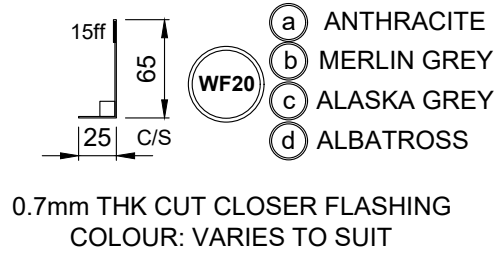
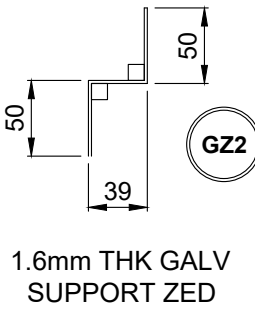
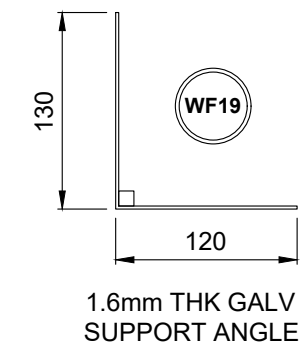
1.6mm THK GALV SUPPORT ANGLE

WF4

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

276mm (TBC)

** Fixer note: Galv support zed only
required when there's a cut panel **



GLAZING CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

FEATURE CILL FLASHING PRIMARY FIXING:
MAIN FIX SCREW TO EVERY MATRIX GRID BAR LOCATION
LOW PROFILE MAIN FIX TO GALV SUPPORT & LOW PROFILE HEAVY DRILLER
TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

FEATURE CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLADDING & FLASHING WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT
Drawing Title OFFICE FEATURE GLAZING HEAD DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic
Project UNIT 1, CALDER PARK, WAKEFIELD
Drg Code P21024_IRC_U1_XX_DR_233
Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 233 Rev AB1
Drawn B.S. Checked -

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AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

+ 12000mm U/S STEELWORK
+ 8000mm U/S STEELWORK
+ 4000mm U/S STEELWORK
STEELWORK VARIES (PFC/SHS)

AIR SEAL NOTE - ALL JOINTS IN STEELWORK ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

NOTE - ALL INTERNAL FINISHES BY OTHERS

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

1.6mm THK GALV SUPPORT ANGLE (WF13)

0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE (FF2)

0.7mm THK CLOSER FLASHING
COLOUR: HPS200 - VARIES (WF20)

1.6mm THK GALV SUPPORT ZED (GZ2)

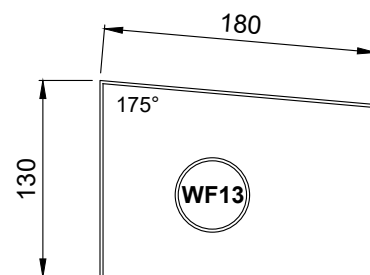
120mm THK THERMA-QUILT INSULATION

CA MR/300 CLADDING PROFILE
COLOUR: VARIES - SEE ELEVATIONS
ANTHRACITE OR MERLIN GREY

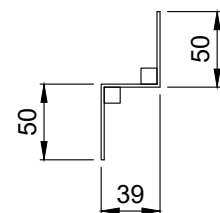
CA 120mm MATRIX SPACER GRID SYSTEM

AIR SEAL LINE

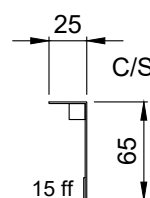
G/L



1.6mm THK GALV
SUPPORT ANGLE

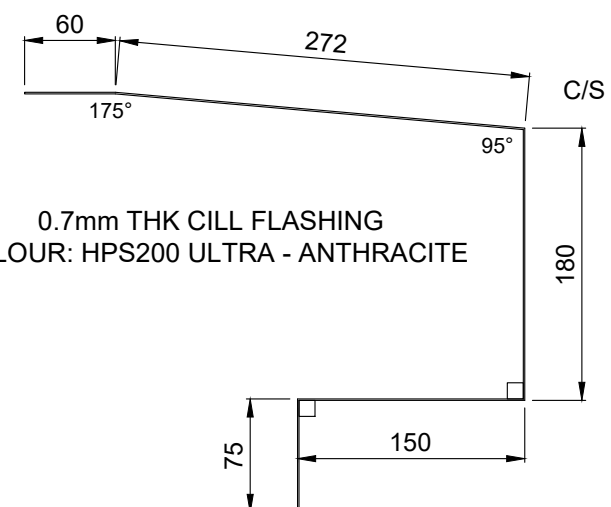


1.6mm THK GALV
SUPPORT ZED (GZ2)



0.7mm THK CLOSER FLASHING
COLOUR: HPS200 - VARIES

0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE (FF2)



WINDOW CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR HEAVY DRILLER FIX @ MAX 450mm CENTRES

GALV SUPPORT ZED PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID BAR LOCATION

GALV SUPPORT PRIMARY FIXING:
MAIN FIX THROUGH CLADDING INTO SUPPORT ZED @ MAX 450mm CENTRES

WINDOW CILL FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

CUT CLOSER FLASHING PRIMARY FIXING:
RIVET OR STITCHER FIXING @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO CLADDING & FLASHING WITH GUN GRADE BUTYL MASTIC

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: OFFICE FEATURE GLAZING CILL DETAIL (300/MR BUILT-UP CLADDING)

Client: winvic
Project: UNIT 1, CALDER PARK, WAKEFIELD
Drg Code: P21024_IRC_U1_XX_DR_234
Drg Scale: 1:5 @ A3
Date: 07/07/2021
Drg No: 234
Rev: AB1
Drawn: B.S.
Checked: -

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NOTE - ALL INTERNAL FINISHES ARE BY OTHERS

CA MATRIX (BLUE BASE) SPACER GRID SYSTEM

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL

160

120mm THK THERMA-QUILT INSULATION

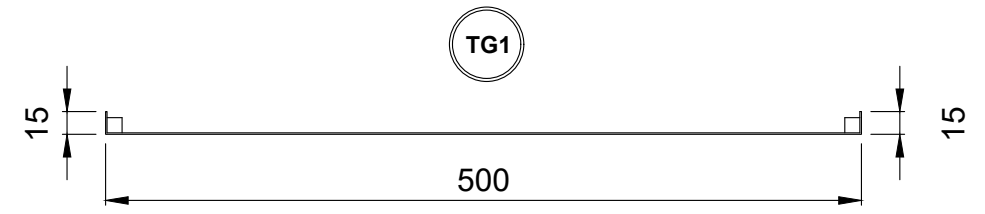
CA MR/300 CLADDING PROFILE
COLOUR: VARIES - SEE ELEVATIONS
(ANTHRACITE, MERLIN, ALASKA OR ALBATROSS)

TG1 1.2mm THK GALV CHANNEL SUPPORT

MR300 PROFILE FILLER BLOCK
FITTED TO SUIT CA GUIDELINES

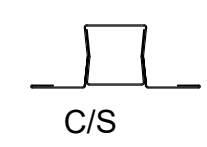
0.7mm THK STANDARD TOPHAT FLASHING
COMPLETE WITH INSERT TO SUIT
COLOUR: VARIES - SEE ELEVATIONS

- T1
- a ANTHRACITE
 - b MERLIN GREY
 - c ALASKA GREY
 - d ALBATROSS



1.2mm THK GALV CHANNEL SUPPORT

* ALL DIMS TOP SUIT CA
STANDARD MR/300 TOPHATS *



0.7mm THK STANDARD TOPHAT FLASHING
COMPLETE WITH INSERT TO SUIT
COLOUR: HPS200 ULTRA - VARIES

TOPHAT FLASHING FIXING/SEALANT NOTE:

TOPHAT FLASHING PRIMARY FIXING:
MAIN FIX TO GALV CHANNEL SUPPORT @ MAX 600mm CENTRES
SEALED TO CLADDING WITH T-STRIP 6 x 5mm BUTYL MASTIC
(MR300 FILLER BLOCKS ARE TO BE FITTED TO SUIT CA GUIDELINES)

TOPHAT INSERT FLASHING:
SNAPPED INTO TOPHAT FLASHING TO SUIT

GALV CHANNEL SUPPORT FIXING:
RIVETED TO MATRIX BARS AT APPROX 1500mm CENTRES
(NOTE: WALL SHEET MAIN FIX SCREW WILL FULLY SECURE ONCE FITTED)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

**SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT**

**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

AB1 26/05/22 Issued for AS Built W.S.

Rev	Date	Comment	Initial
1	26/05/22	Issued for AS Built	

Drawing Status: AS BUILT

Drawing Title: OFFICE TOPHAT JUNCTION DETAIL
(300/MR BUILT-UP CLADDING)

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_236

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 236 Rev: AB1

Drawn: B.S. Checked: -

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Unit 12a Maybrook Road
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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk

G/L

210

160

NOTE - ALL INTERNAL FINISHES BY OTHERS

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

▼ +200mm T/S STEELWORK

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

WF1a 1.6mm THK GLAV CLOSER CHANNEL
(HOLES PRE DRILLED TO ALLOW IT TO
BE PINNED DOWN ON SITE BY OTHERS)

WF2a 1.6mm THK GALV SUPPORT ANGLE
SITE LEVELED TO SUIT F.F.L
(CAN BE LOWERED IF REQUIRED)

AIR SEAL NOTE - ALL JOINTS IN GALV CLOSER CHANNEL
ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL LINE

CA 120mm MATRIX SPACER GRID SYSTEM

120mm THK THERMA-QUILT INSULATION

CA 300/MR CLADDING PROFILE
COLOUR: HPS200 ULTRA - ANTHRACITE (RAL 7016)

FIXER NOTE - STARTER CLIP TO BE SET
ABOVE CILL USING A 2mm PACKER AS
PER THE CA INSTALLATION GUIDE

0.7mm THK STARTER CLIP
COLOUR: HPS200 ULTRA - ANTHRACITE

WF12 a

0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

WF3

0.7mm THK INSULATION RETAINER
COLOUR: HPS200 ULTRA - ANTHRACITE

WF2

AIR SEAL NOTE - CLOSER FLASHING BEDDED ONTO PFC
BASE RAIL WITH T-FOIL PLUS 80 (ALL LAPS FULLY SEALED)

GROUNDWORK BY OTHERS
(SHOWN INDICATIVELY ONLY)

GALV CLOSER TO BE PINNED
DOWN ON SITE BY OTHERS

210

450

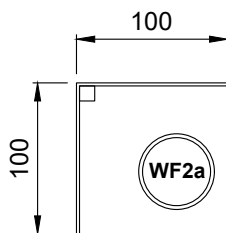
PRE DRILLED HOLE TO
ALLOW IT TO BE PINNED
DOWN ON SITE BY OTHERS

C/S

150

WF1a

1.6mm THK GLAV CLOSER CHANNEL



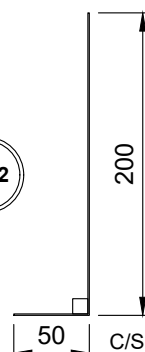
1.6mm THK GALV
SUPPORT ANGLE

* ALL DIMS TO SUIT CA STANDARD *

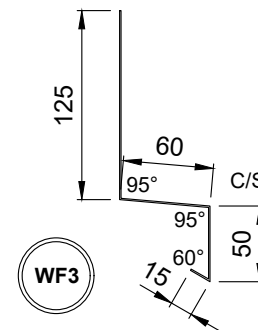
WF12 a

0.7mm THK STARTER CLIP
COLOUR: HPS200 ULTRA - ANTHRACITE

WF2



0.7mm THK INSULATION RETAINER
COLOUR: HPS200 ULTRA - ANTHRACITE



0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ANTHRACITE

CILL FLASHING FIXING / SEALANT NOTE

LINER CLOSER PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ APPROX 1.5m CENTRES
(NOTE - LINER PANEL MAIN FIX WILL FULLY SECURE ONCE FITTED)
MAIN FIX TO PFC GROUND BEAM AT APPROX 1.5m CENTRES AND
FULLY SEALED WITH T-FOIL PLUS 80

INSULATION RETAINER FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

AB1 26/05/22 Issued for As Built W.S.

Rev	Date	Comment	Initial
AS BUILT			

Drawing Status: AS BUILT

Drawing Title: OFFICE CILL DETAIL
(300/MR BUILT-UP CLADDING)

Client: winvic

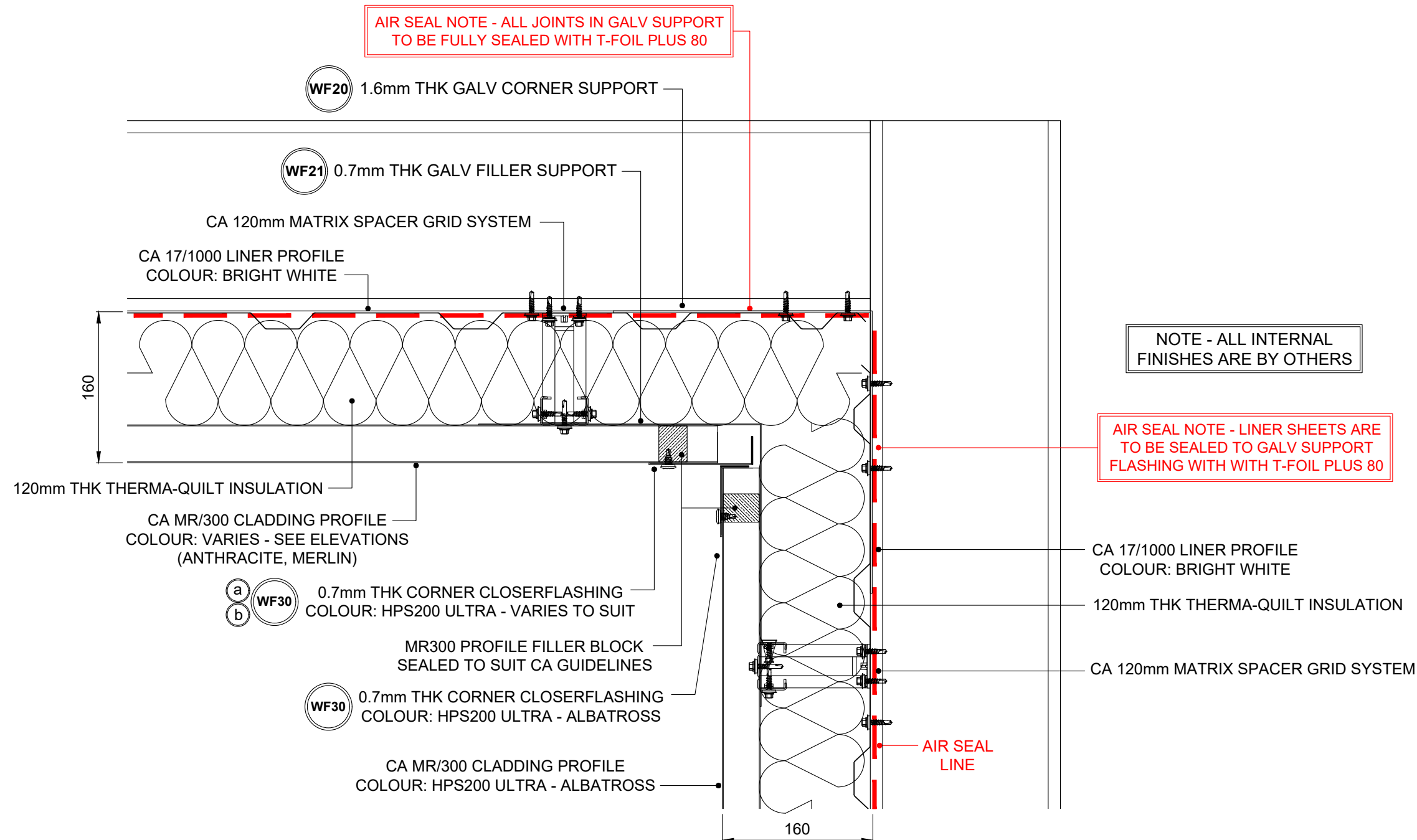
Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_210

Drg Scale: 1:5 @ A3 Date: 14/02/2022 Drg No: 237 Rev: AB1

Drawn: B.S. Checked: -

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AIR SEAL NOTE - ALL JOINTS IN GALV SUPPORT TO BE FULLY SEALED WITH T-FOIL PLUS 80

NOTE - ALL INTERNAL FINISHES ARE BY OTHERS

AIR SEAL NOTE - LINER SHEETS ARE TO BE SEALED TO GALV SUPPORT FLASHING WITH WITH T-FOIL PLUS 80

CORNER FLASHING FIXING/SEALANT NOTE:

CORNER FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER @ MAX 450mm CENTRES (COLOUR TO MATCH)
FLASHING SEALED TO CLADDING WITH T-STRIP 6 x 5mm BUTYL MASTIC
(MR300 FILLER BLOCKS ARE TO BE FITTED TO SUIT CA GUIDELINES)

CORNER BUTT JOINT FIXING:
RIVETS AT 75mm - 100mm CENTRES (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

GALV SUPPORT ANGLE PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY SHEETING RAIL LOCATION

GALV FILLER SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX TO MATRIX GRID @ MAX 450mm CENTRES
(POSITION FIXINGS TO AVOID A CLASH WITH THE MR300 CLADDING JOINTS)

NOTE: ALL SCREWS ARE TO BE STAINLESS STEEL

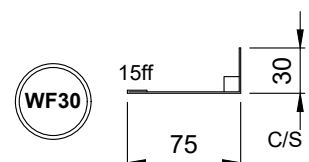
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

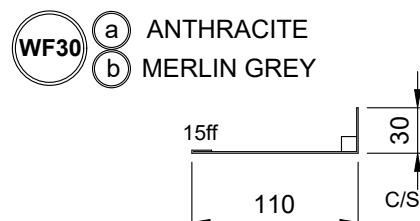
BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

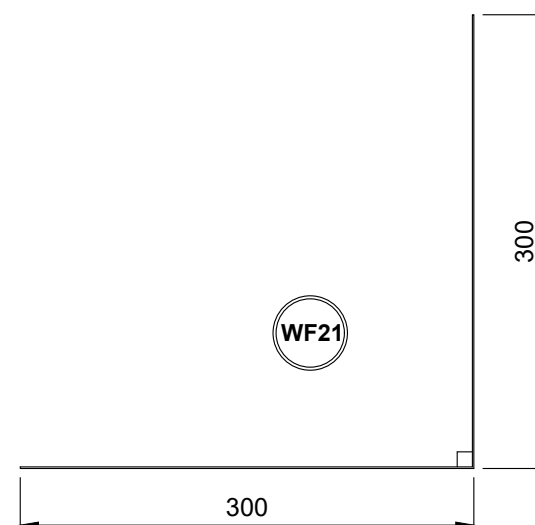
FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT



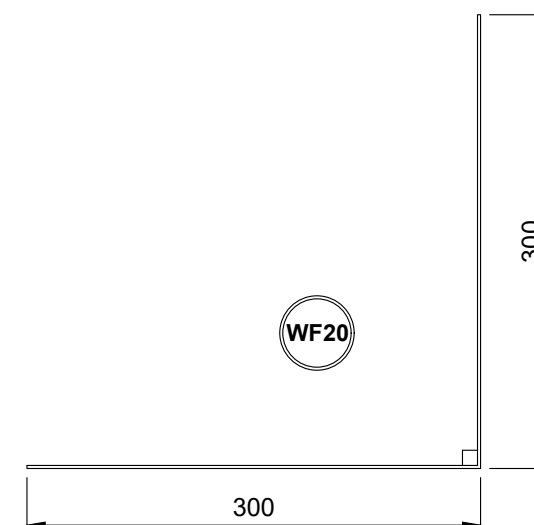
0.7mm THK CORNER CLOSERFLASHING
COLOUR: HPS200 ULTRA - ALBATROSS



0.7mm THK CORNER CLOSERFLASHING
COLOUR: HPS200 ULTRA - VARIES TO SUIT



0.7mm THK GALV FILLER SUPPORT



1.6mm THK GALV CORNER SUPPORT

AB1 26/05/22 Issued for As Built W.S.

Rev	Date	Comment	Initial
AS BUILT			

Drawing Title: EXTERNAL CORNER DETAIL (300/MR BUILT-UP CLADDING)

Client: winvic

Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_238

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 238 Rev: AB1

Drawn: B.S. Checked: -

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G/L

210mm

160

AIR SEAL LINE

120mm THK THERMA-QUILT INSULATION

CA 120mm MATRIX SPACER GRID SYSTEM

CA MR/300 CLADDING PROFILE
COLOUR: HPS200 - ALBATROSS

FIXER NOTE - SHEET SETOUT TO
BE MIN 5mm ABOVE CILL FLASHING

0.7mm THK STARTER CLIP
COLOUR: VARIES TO SUIT

0.7mm THK HEAD CILL FLASHING
COLOUR: HPS200 - ALBATROSS

1.6mm THK GALV SUPPORT ANGLE

0.7mm THK SOFFIT FLASHING
COLOUR: HPS200 - ALBATROSS

GLAZING & SEALS BY OTHERS
(SHOWN INDICATIVELY ONLY)

210mm (TBC)

NOTE - ALL INTERNAL
FINISHES BY OTHERS

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

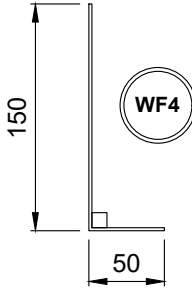
AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK
FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

INSULATION TIGHTLY PACKED INTO
STEELWORK FOR THERMAL CONTINUITY

+ 6290mm U/S STEELWORK
+ 2390mm U/S STEELWORK

AIR SEAL NOTE - ALL JOINTS IN STEELWORK
ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO
STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

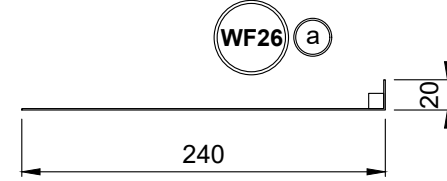


1.6mm THK GALV
SUPPORT ANGLE

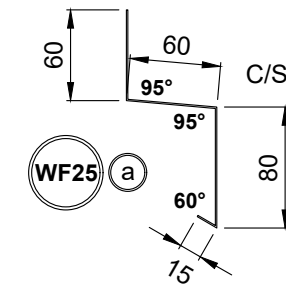
* ALL DIMS TO SUIT CA STANDARD *



0.7mm THK STARTER CLIP
COLOUR: VARIES TO SUIT



0.7mm THK CILL FLASHING
COLOUR: HPS200 - ALBATROSS



0.7mm THK CILL FLASHING
COLOUR: HPS200 - ALBATROSS

WINDOW HEAD FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR MAIN FIX @ EVERY MATRIX GRID LOCATION

WINDOW CILL FLASHING PRIMARY FIXING:
RIVET OR MAIN FIXING @ EVERY VERTICAL MATRIX GRID LOCATION
FIXED TO STEELWORK & GALV SUPPORT WITH LOW PROFILE MAIN FIX OR
RIVETS @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status AS BUILT

Drawing Title HUB WINDOW HEAD DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic

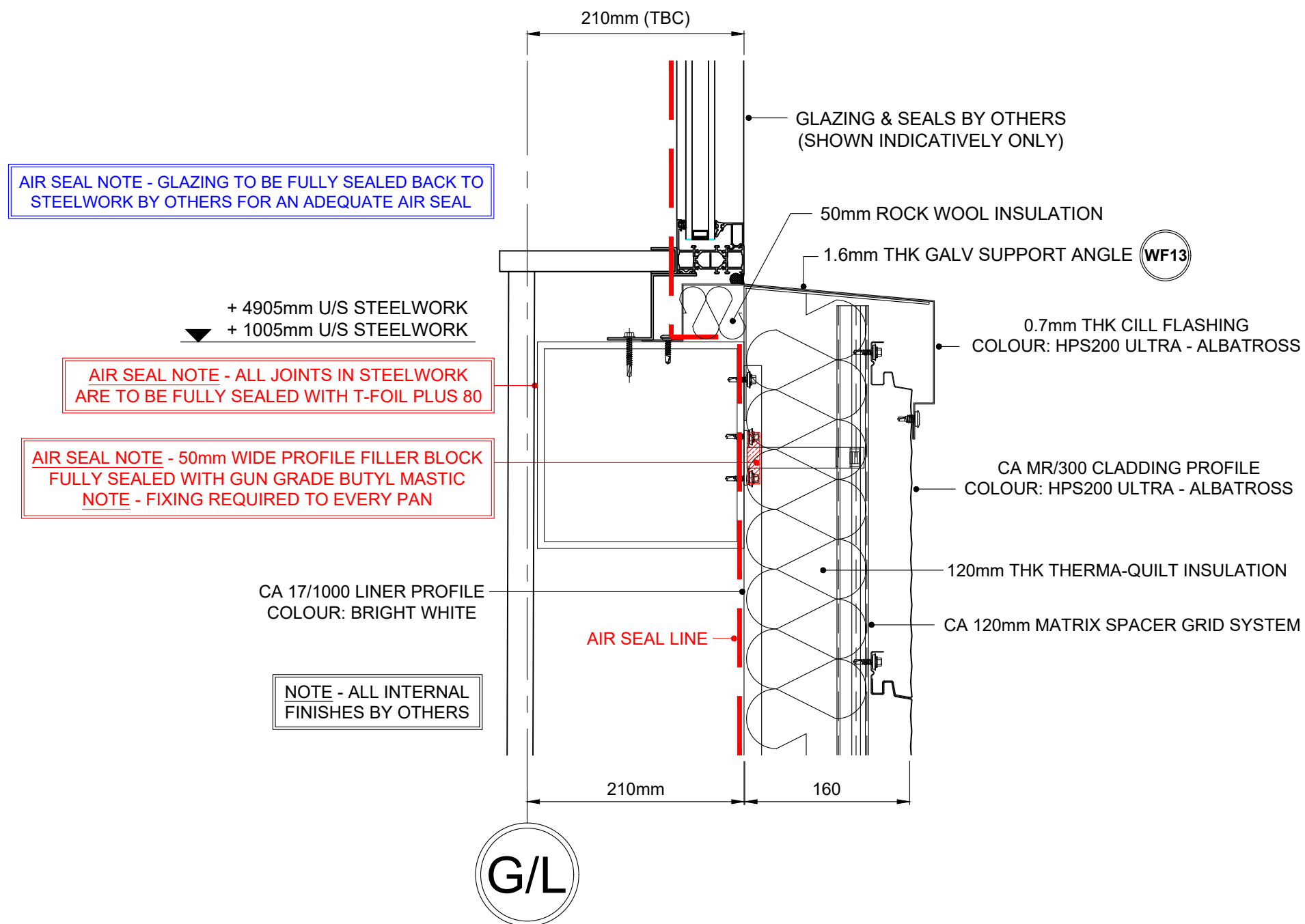
Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Code P21024_IRC_U1_XX_DR_241

Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 241 Rev AB1

Drawn B.S. Checked -

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Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



AIR SEAL NOTE - GLAZING TO BE FULLY SEALED BACK TO STEELWORK BY OTHERS FOR AN ADEQUATE AIR SEAL

AIR SEAL NOTE - ALL JOINTS IN STEELWORK ARE TO BE FULLY SEALED WITH T-FOIL PLUS 80

AIR SEAL NOTE - 50mm WIDE PROFILE FILLER BLOCK FULLY SEALED WITH GUN GRADE BUTYL MASTIC
NOTE - FIXING REQUIRED TO EVERY PAN

NOTE - ALL INTERNAL FINISHES BY OTHERS

WINDOW CILL FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR HEAVY DRILLER FIX @ MAX 450mm CENTRES

WINDOW CILL FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW CILL FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

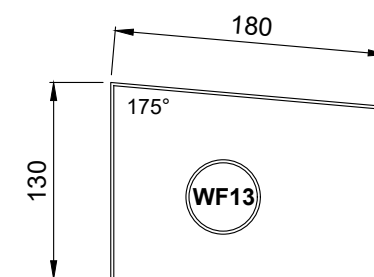
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

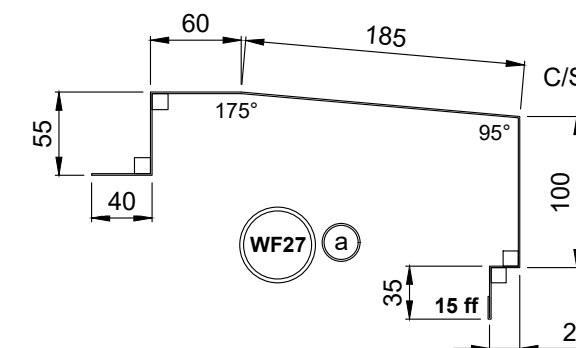
BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT



1.6mm THK GALV SUPPORT ANGLE



0.7mm THK CILL FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status: AS BUILT
Drawing Title: HUB WINDOW CILL DETAIL (300/MR BUILT-UP CLADDING)

Client: winvic

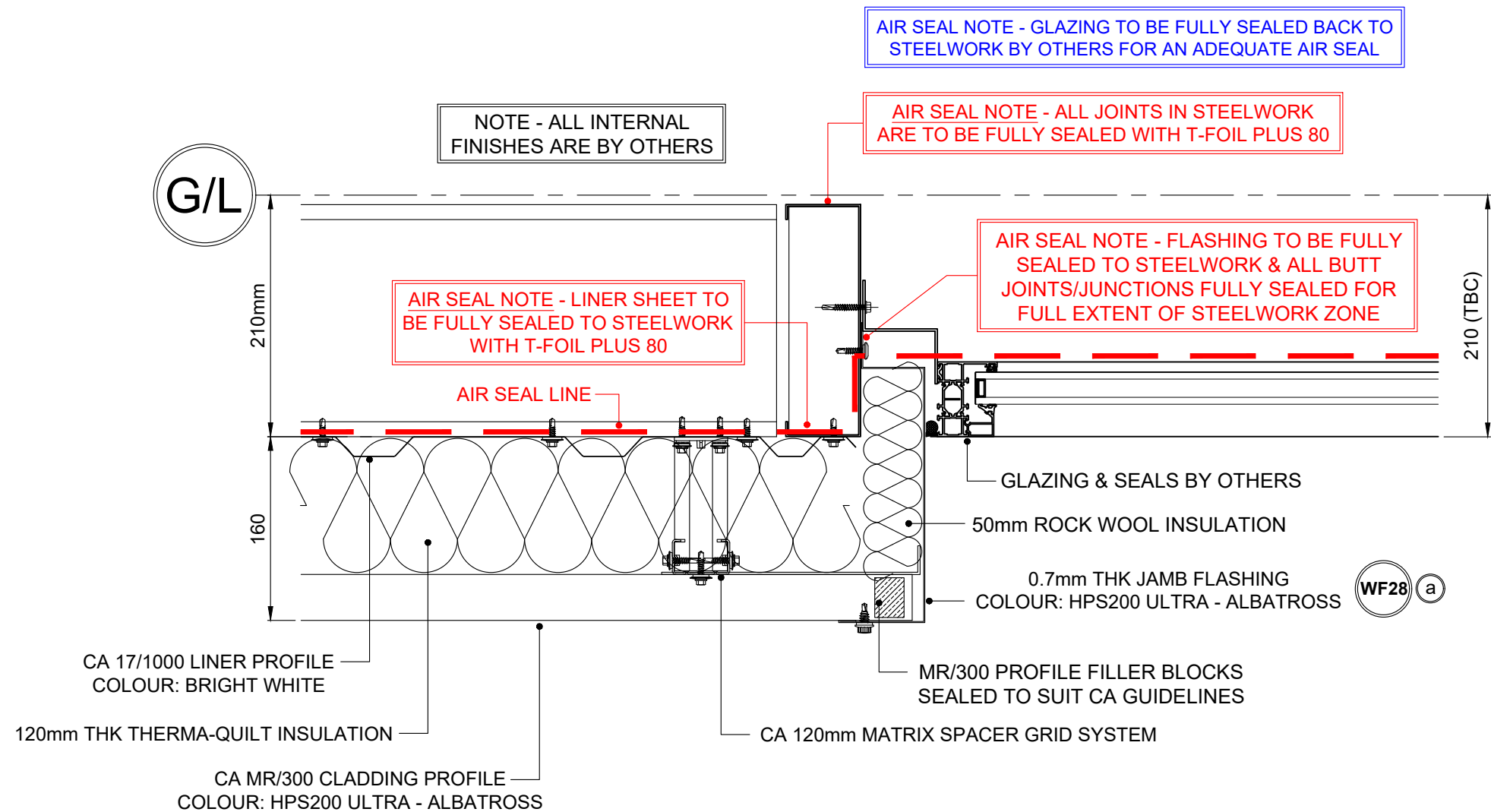
Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_242

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 242 Rev: AB1

Drawn: B.S. Checked: -

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Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



WINDOW JAMB FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

WINDOW JAMB FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE HEAVY DRILLER TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

WINDOW JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial

Drawing Status AS BUILT

Drawing Title HUB WINDOW JAMB DETAIL
(300/MR BUILT-UP CLADDING)

Client



Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Code P21024_IRC_U1_XX_DR_243

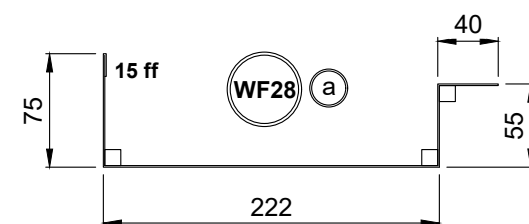
Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 243 Rev AB1
Drawn B.S. Checked -



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1.6mm THK GALV SUPPORT FLASHING



0.7mm THK JAMB FLASHING
COLOUR: HPS200 ULTRA - ALBATROSS

DOOR HEAD FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET OR LOW PROFILE MAIN FIX @ EVERY MATRIX GRID LOCATION

CILL FLASHING PRIMARY FIXING:
RIVET FIX @ EVERY VERTICAL MATRIX GRID LOCATION

CILL FLASHING BUTT JOINT FIXING:
RIVETS @ 75 - 100 CRS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED
WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

SOFFIT FLASHING PRIMARY FIXING:
LOW PROFILE MAIN FIX @ 450mm MAX CENTRES (COLOUR TO MATCH)
REAR LEG FULLY SEALED TO STEELWORK WITH GUN GRADE BUTYL MASTIC
(NOTE: FRONT TUCKED INTO CILL SECTION WITH RIVET FIX IF REQUIRED)

STARTER CLIP PRIMARY FIXING:
RIVET @ EVERY VERTICAL MATRIX GRID LOCATION & RIVET
INTERMEDIATELY @ MAX 450mm CENTRES
(STARTER CLIP TO BE SET ABOVE CILL USING A 2mm PACKER)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

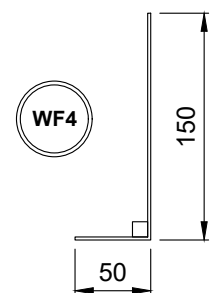
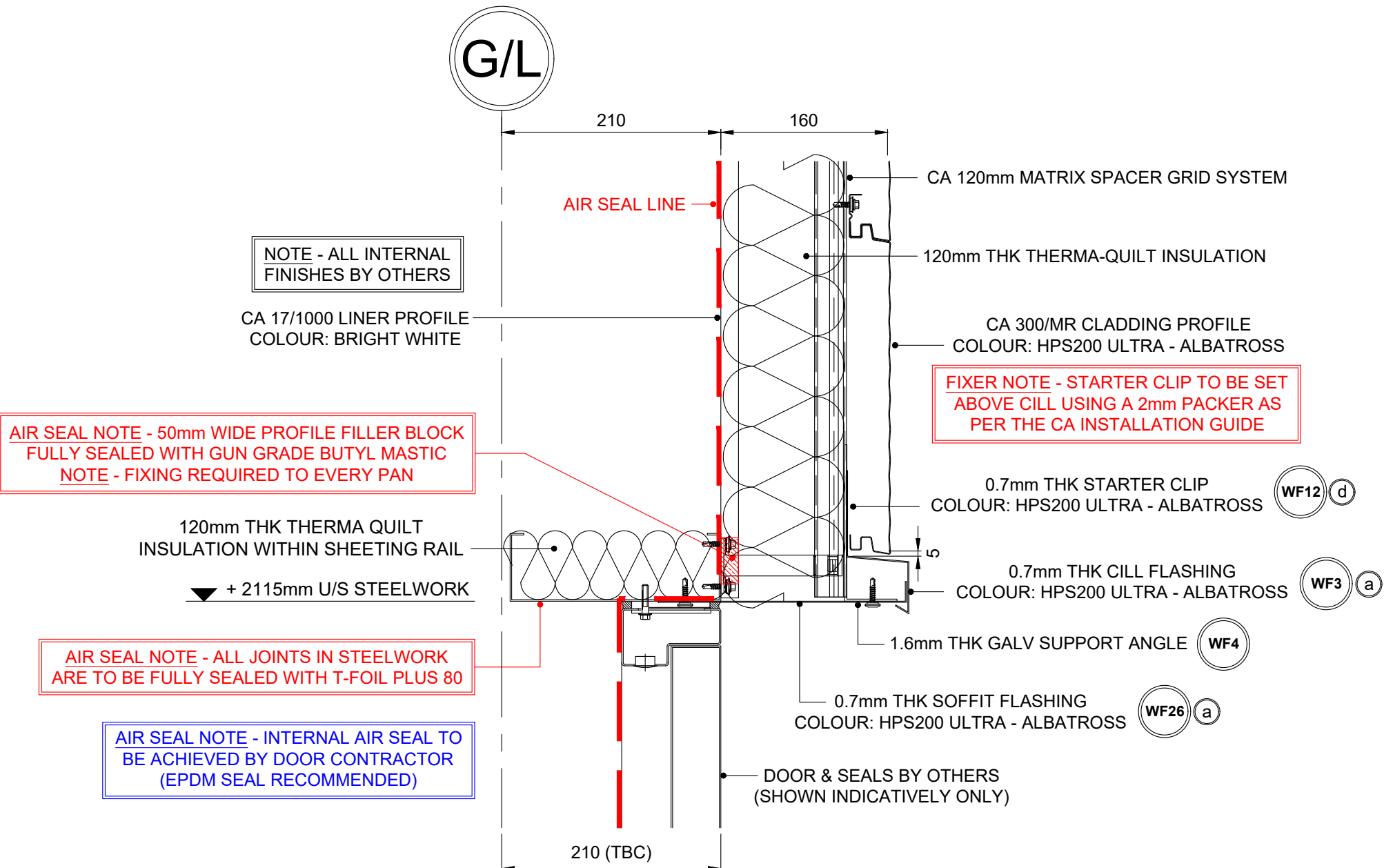
'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

**FIXER NOTE - CILL FLASHING TO BE FIXED
TIGHT UP TO SOFFIT LEG TO DICTATE LEVEL
& AVOID CLASH WITH THE OPENING DOOR**

**FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT**

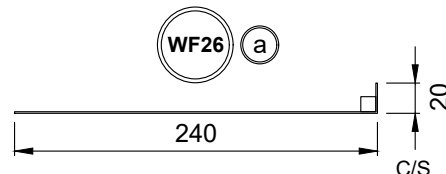


1.6mm THK GALV SUPPORT ANGLE

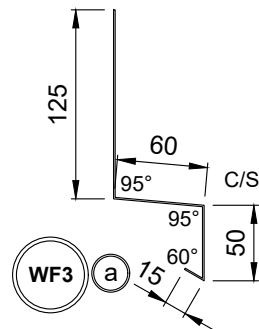
* ALL DIMS TO SUIT CA STANDARD *



0.7mm THK STARTER CLIP COLOUR: HPS200 ULTRA - ALBATROSS

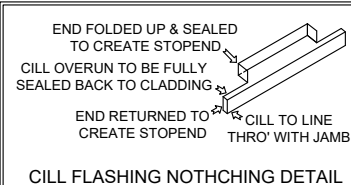
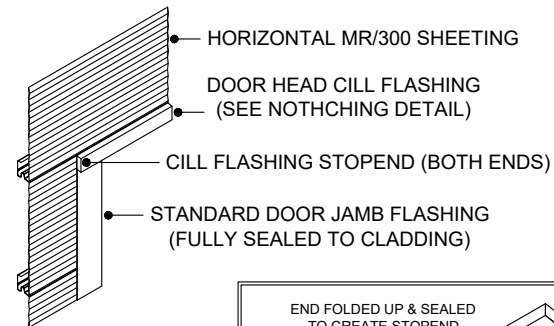


0.7mm THK SOFFIT FLASHING COLOUR: HPS200 ULTRA - ALBATROSS



0.7mm THK CILL FLASHING COLOUR: HPS200 ULTRA - ALBATROSS

TYPICAL DOOR SEALING DETAIL



Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.

Drawing Status: AS BUILT
Drawing Title: HUB DOOR HEAD DETAIL (300/MR BUILT-UP CLADDING)

Client: winvic

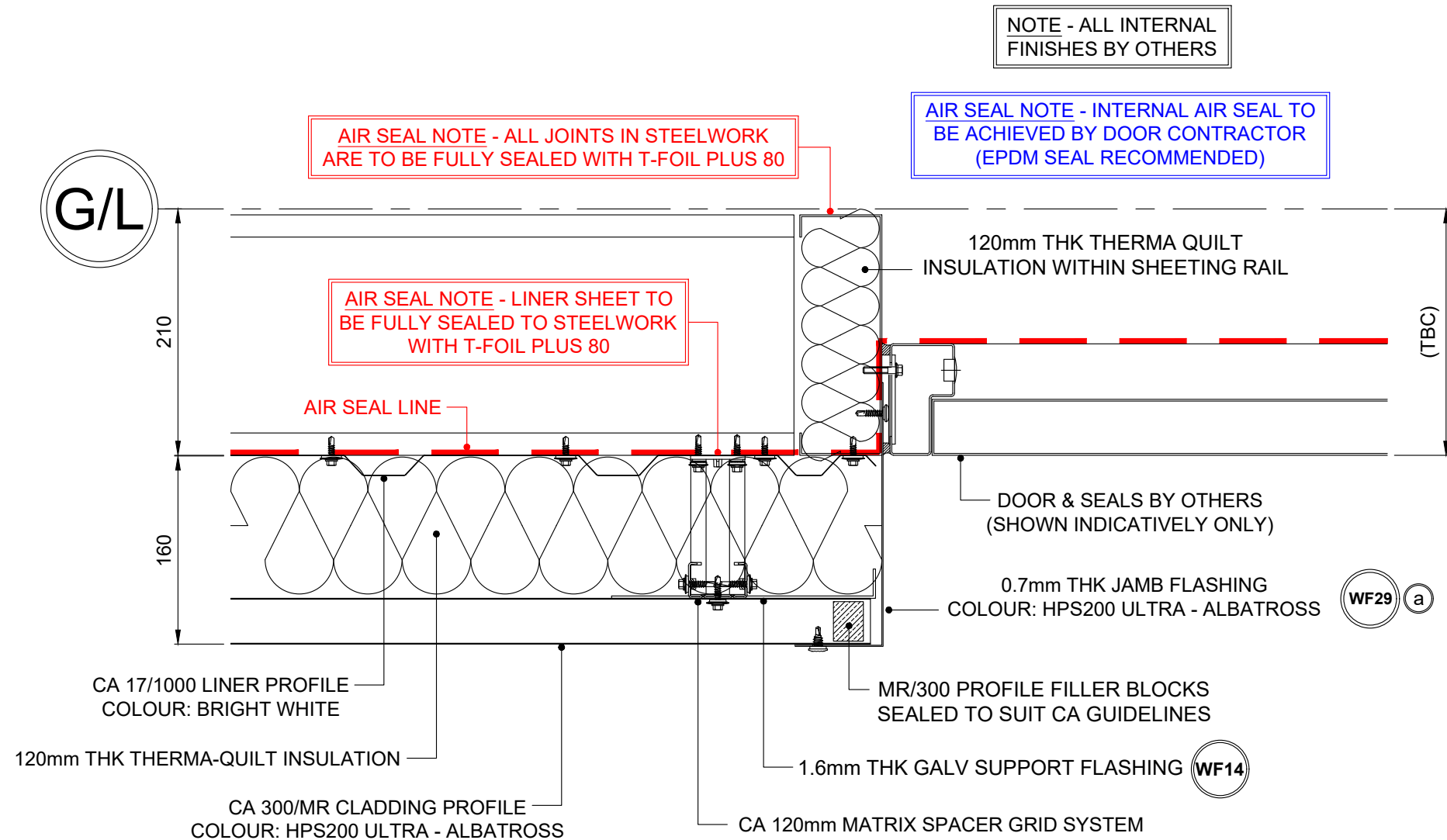
Project: UNIT 1, CALDER PARK, WAKEFIELD

Drg Code: P21024_IRC_U1_XX_DR_244

Drg Scale: 1:5 @ A3 Date: 07/07/2021 Drg No: 244 Rev: AB1

Drawn: B.S. Checked: -

IRC CAROCHELLE Ltd.
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Walsall Wood, West Midlands. WS8 7DG
Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk



DOOR JAMB FLASHING FIXING / SEALANT NOTE

GALV SUPPORT PRIMARY FIXING:
RIVET FIX TO MATRIX BAR @ MAX 450mm CENTRES

DOOR JAMB FLASHING PRIMARY FIXING:
LOW PROFILE STITCHER TO SHEETS & LOW PROFILE MAIN FIX TO STEELWORK ALL @ MAX 450mm CENTRES (COLOUR TO MATCH)
FULLY SEALED TO STEELWORK WITH GUN GRADE T-BUTYL MASTIC & FULLY SEALED TO SHEETS WITH T-STRIP 9 x 3mm OR T-BUTYL MASTIC POSITIONED WEATHER SIDE OF ALL JOINTS

DOOR JAMB FLASHING BUTT JOINT FIXING:
ONLY RIVET FACES IF REQUIRED DUE TO AESTHETICS (COLOUR TO MATCH)
SINGLE CONTINUOUS RUN OF GUN GRADE BUTYL MASTIC POSITIONED WEATHER SIDE OF JOINT (TO BOTH ENDS OF BUTT STRAP)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

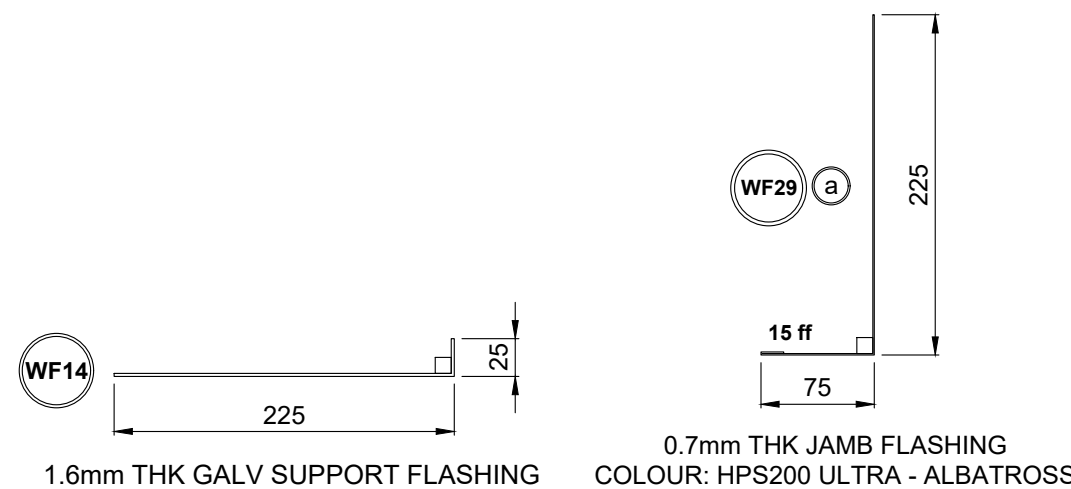
NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

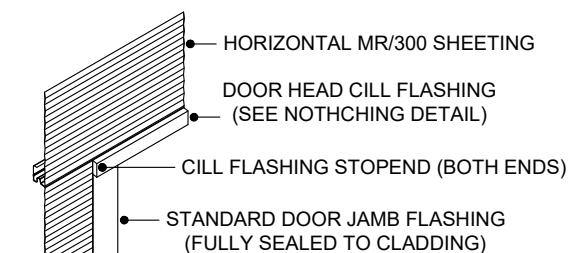
BUILT-UP (**Chronus**) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300 BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST UTILISE A FILLER BLOCK AT SHEET ENDS BEDDED WITH T-BUTYL MASTIC SEALANT



TYPICAL DOOR SEALING DETAIL



END FOLDED UP & SEALED TO CREATE STOPEND
CILL OVERUN TO BE FULLY SEALED BACK TO CLADDING

END RETURNED TO CILL TO LINE
CREATE STOPEND THRO' WITH JAMB

CILL FLASHING NOTCHING DETAIL

AB1	26/05/22	Issued for As Built	W.S.
C01	21/10/21	Issued for construction	W.S.
Rev	Date	Comment	Initial
Drawing Status	AS BUILT		
Drawing Title	HUB DOOR JAMB DETAIL (300/MR BUILT-UP CLADDING)		
Client	winvic		
Project	UNIT 1, CALDER PARK, WAKEFIELD		
Dwg Code	P21024_IRC_U1_XX_DR_245		
Dwg Scale	1:5 @ A3	Date	07/07/2021
Dwg No	245	Rev	AB1
Drawn	B.S.	Checked	-
IRC CAROCELLE Ltd. Unit 12a Maybrook Road Maybrook Industrial Estate Walsall Wood, West Midlands. WS8 7DG Tel: 01543 379800 Fax: 01543 379810 Email: office@irc-carocelle.co.uk			

NOTE - ALL INTERNAL
FINISHES ARE BY OTHERS

CA MATRIX (BLUE BASE) SPACER GRID SYSTEM

CA 17/1000 LINER PROFILE
COLOUR: BRIGHT WHITE

AIR SEAL

160

120mm THK THERMA-QUILT INSULATION

CA MR/300 CLADDING PROFILE
COLOUR: HPS200 ULTRA - ALBATROSS

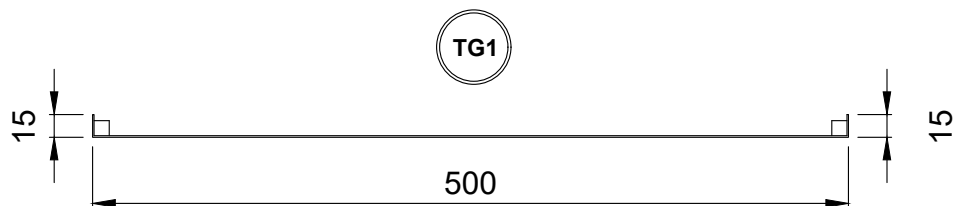
TG1

1.2mm THK GALV CHANNEL SUPPORT

MR300 PROFILE FILLER BLOCK
FITTED TO SUIT CA GUIDELINES

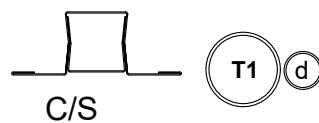
0.7mm THK STANDARD TOPHAT FLASHING
COMPLETE WITH INSERT TO SUIT
COLOUR: HPS200 ULTRA - ALBATROSS

T1 d



1.2mm THK GALV CHANNEL SUPPORT

* ALL DIMS TOP SUIT CA
STANDARD MR/300 TOPHATS *



0.7mm THK STANDARD TOPHAT FLASHING
COMPLETE WITH INSERT TO SUIT
COLOUR: HPS200 ULTRA - ALBATROSS

TOPHAT FLASHING FIXING/SEALANT NOTE:

TOPHAT FLASHING PRIMARY FIXING:
MAIN FIX TO GALV CHANNEL SUPPORT @ MAX 600mm CENTRES
SEALED TO CLADDING WITH T-STRIP 6 x 5mm BUTYL MASTIC
(MR300 FILLER BLOCKS ARE TO BE FITTED TO SUIT CA GUIDELINES)

TOPHAT INSERT FLASHING:
SNAPPED INTO TOPHAT FLASHING TO SUIT

GALV CHANNEL SUPPORT FIXING:
RIVETED TO MATRIX BARS AT APPROX 1500mm CENTRES
(NOTE: WALL SHEET MAIN FIX SCREW WILL FULLY SECURE ONCE FITTED)

NOTE - ALL SCREWS TO SUIT CA TWIN-THERM SYSTEM

NOTE - ALL FIXINGS FOR FLASHINGS TO BE EVENLY SPACED

'U' VALUES SPECIFICATION

BUILT-UP (Chronus) : 160mm Thick CA Twin-Therm System
0.35 'U' VALUE W/m²K (MR300 Profile)

SEE DRG 203 FOR STANDARD MR300
BUILT-UP CLADDING FIXING ARRANGEMENT

FIXER NOTE - EVERY MR/300 PANEL MUST
UTILISE A FILLER BLOCK AT SHEET ENDS
BEDDED WITH T-BUTYL MASTIC SEALANT



AB1 26/05/22 Issued for As Built W.S.

Rev	Date	Comment	Initial
AB1	26/05/22	Issued for As Built	W.S.

Drawing Status AS BUILT

Drawing Title HUB TOPHAT JUNCTION DETAIL
(300/MR BUILT-UP CLADDING)

Client winvic

Project UNIT 1, CALDER PARK, WAKEFIELD

Drg Code P21024_IRC_U1_XX_DR_246

Drg Scale 1:5 @ A3 Date 07/07/2021 Drg No 246 Rev AB1

Drawn B.S. Checked -

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SPECIFICATION

300/MR: CA 300/MR TWIN-THERM WALL SYSTEM (160mm O/ALL)
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
120mm MATRIX SPACER SYSTEM
120mm THERMA-QUILT INSULATION
300/MR EXTERNAL SHEET -
COLOURS: HPS200 ULTRA - ANTHRACITE (RAL 7016)
HPS200 ULTRA - MERLIN GREY (RAL 180 40 05)
HPS200 ULTRA - ALASKA GREY (RAL 7000)
HPS200 ULTRA - ALBATROSS (RAL 240 80 05)
TO ACHIEVE A "U" VALUE OF 0.35W/m²K


VERTICAL 32/1000: CA 32/1000W TWIN-THERM WALL SYSTEM (152mm O/ALL)
VERTICALLY LAID
17/1000L LINER SHEET - COLOUR: BRIGHT WHITE
120mm MATRIX SPACER SYSTEM
120mm THERMA-QUILT INSULATION
32/1000W EXTERNAL SHEET -
COLOUR: HPS200 ULTRA - ALBATROSS (RAL 240 80 05)
TO ACHIEVE A "U" VALUE OF 0.35W/m²K


SEE DRG 200 FOR LINER ELEVATION DETAILS


SEE DRG 202 FOR GRID ELEVATION DETAILS


TO BE INSTALLED IN CONJUNCTION WITH
THE CA WALL INSTALLATION GUIDES

KEY:

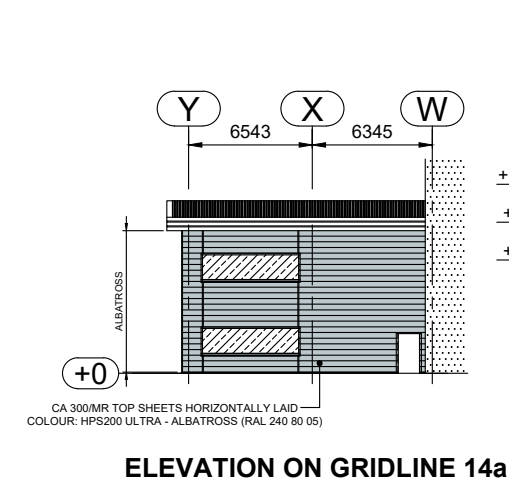
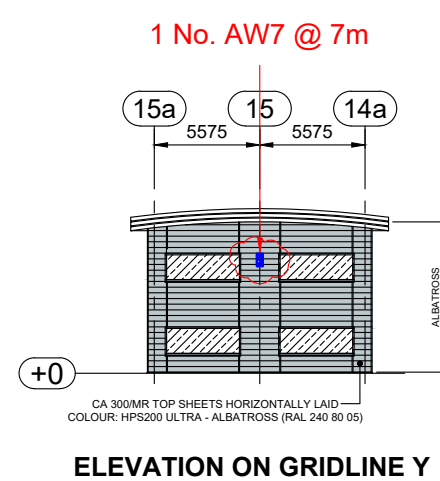
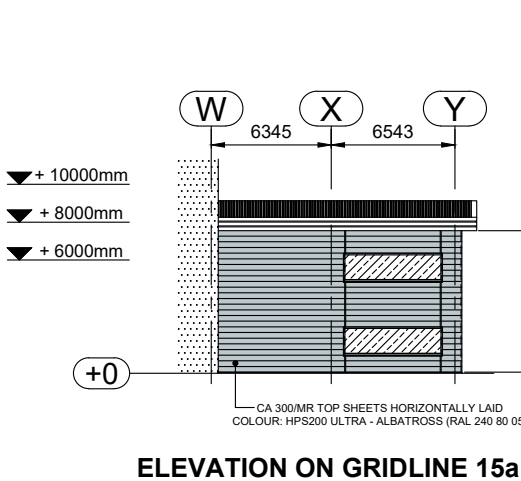
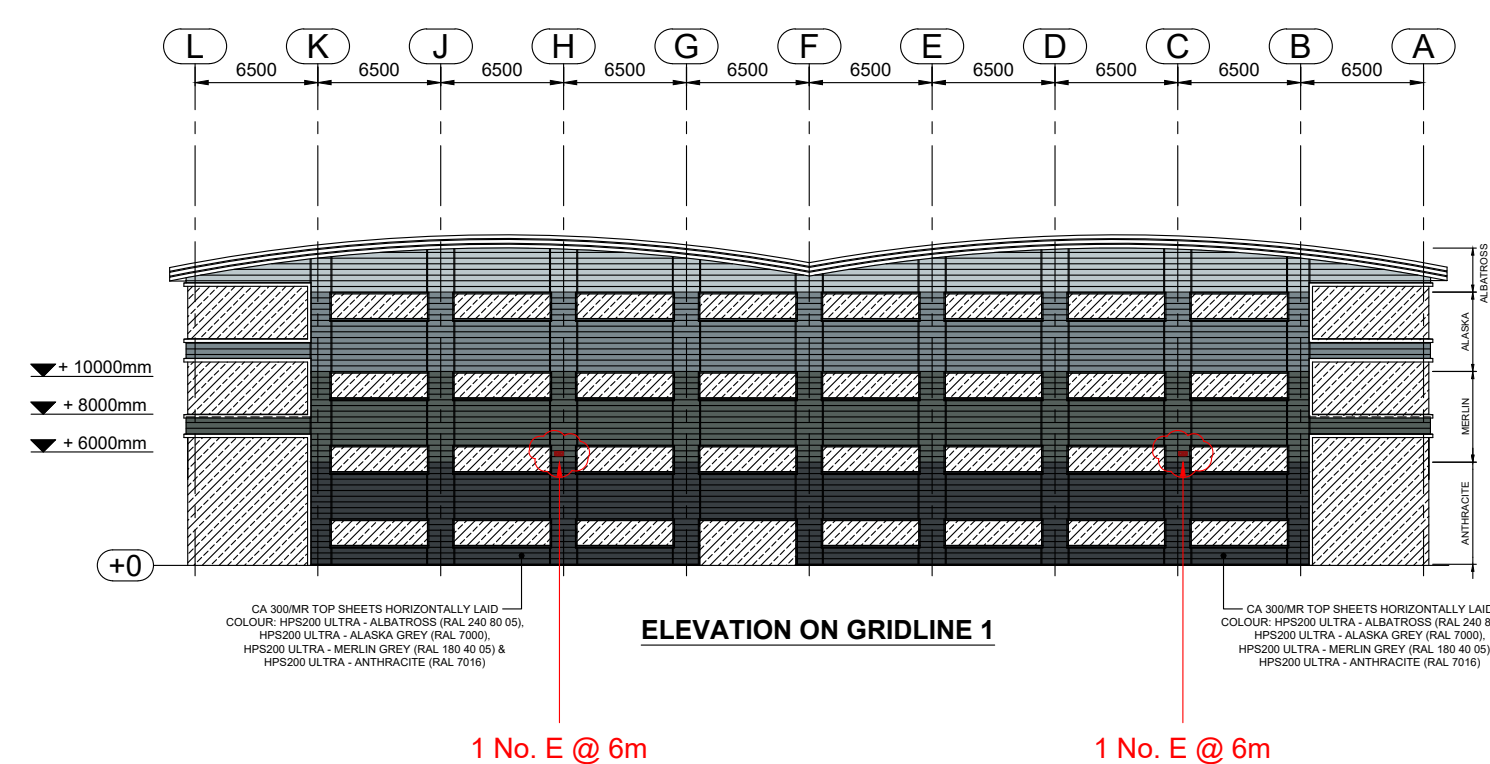
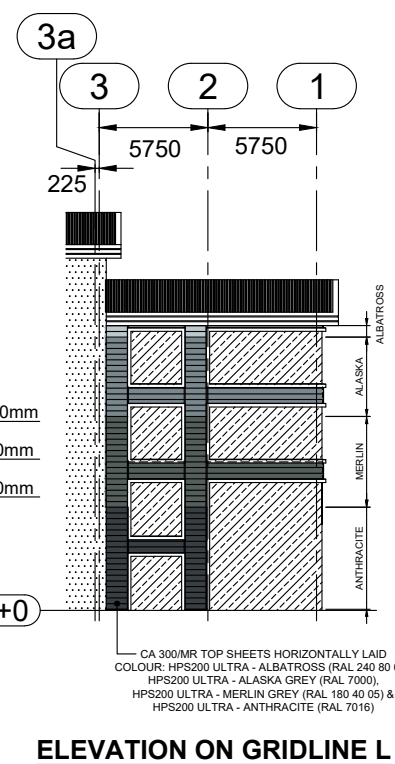
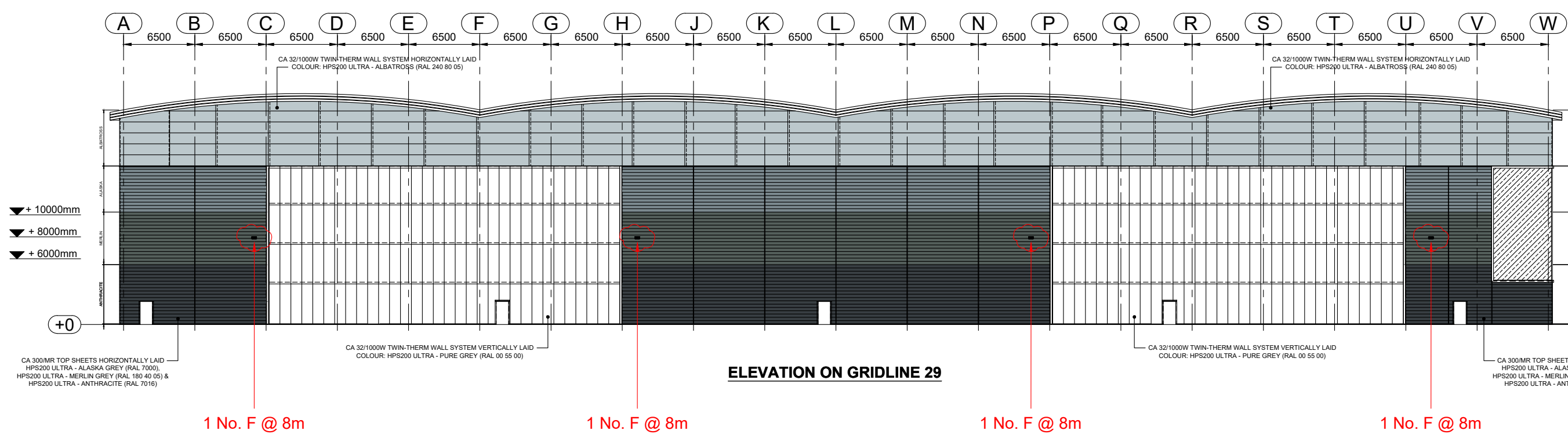
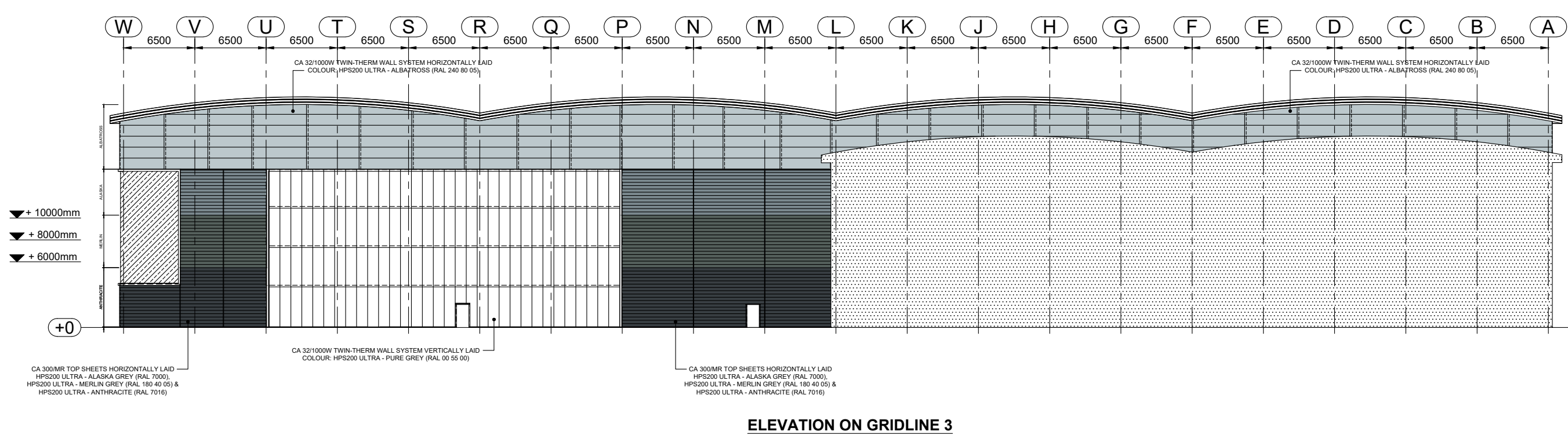
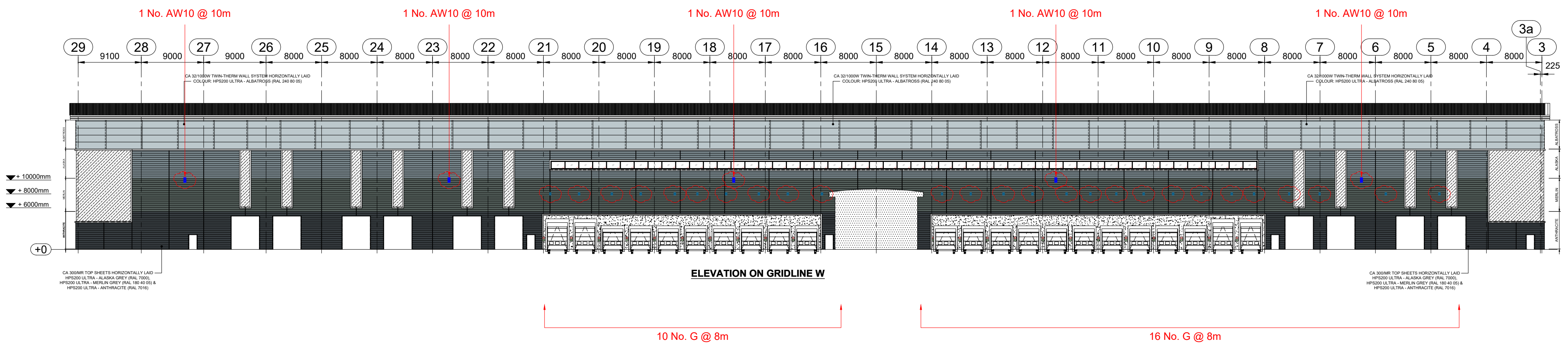
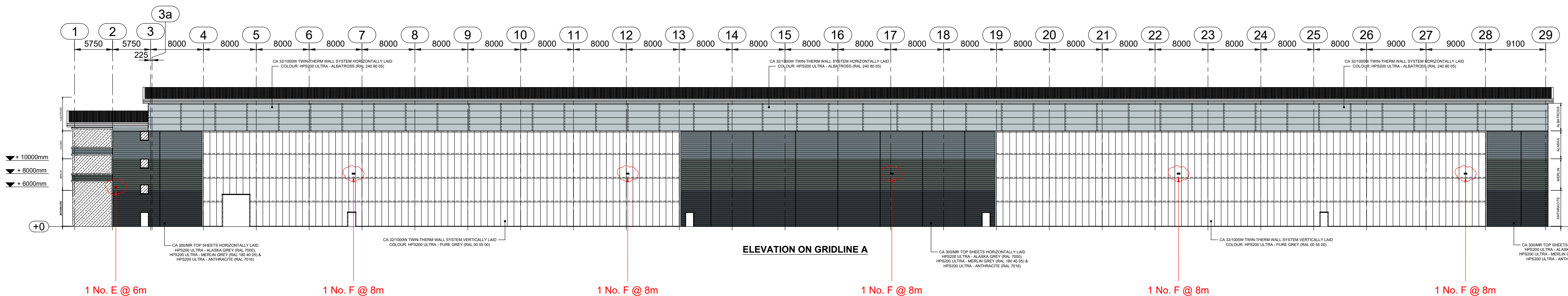
 = G @ 8m

 = E @ 6m

 = F @ 8m

 = AW7 @ 7m

 = AW10 @ 10m



AB1	26/05/22	Issued as As Built	W.S.
CO2	27/08/21	Minor sheet tweaks to G/L 3	W.S.
CO1	27/08/21	Updated to suit latest steelwork, issued for construction	W.S.

Rev	Date	Comment	Initial
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Drawing Status

AS BUILT

Drawing Title

EXTERNAL ELEVATIONS

Client



Project

UNIT 1, CALDER PARK, WAKEFIELD

Drg Scale

P21024_IRC_U1_ZZ_DR_X_0201

Drg Scale

1:400 @ A1

Date

02/08/21

Drg No

201

Rev

AB1

Drawn

W.S.

Checked

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