



Harry Lo <harrykhlo@gmail.com>

Additional information: Re: (RE: (RE: Re: (RE: Re: (RE: Building Dispute MB # 050417))))

1 message

Harry Lo <harrykhlo@gmail.com>

Mon, Feb 6, 2023 at 8:11 AM

To: Build-disputes <build-disputes@fairwayresolution.com>

Cc: Sze Ping Jessica Lo <jlee2609@yahoo.com.hk>, Kathryn Lawry <office@kathrynlawry.co.nz>

Kia ora Edward,

Thank you for your kind help with the mediation.

I would like to provide you with the following additional information for the mediation.

1) I have got three different quotations below for the same sliding doors or similar doors meeting our expected purpose. These show that there could be a lot of other suppliers who can provide us with the doors meeting our expected purpose, if the builder or the current supplier has told us they are incapable of providing us with products before the order. However, now we are getting the doors, which do not suit for our purpose, from the current supplier.

- a) The quotation from Bradname's windows & Doors NZ. The key attributes are listed below:
 - i) Suite: AllSeasons (i.e. a brand manufactured by Altus, see <https://altus.co.nz/window-systems/systems/southern41-thermal/>).
 - ii) Colour: Group 1, which includes coal dust.
 - iii) All thermally broken aluminum joinery including the stiles and the fixed interlocker;
 - iv) Cross sections of the sliding door showing that there is a thermal insulation strip in the fixed interlocker (see Figure 1 below) aligned with the thermal insulation strip in the window transom (see Figure 2 below). The elevation in Figure 3 indicated the locations of the cross sections given in Figure 1 and 2. These figures are extracted from the quotation documents with additional explanation notes. That strip in the fixed interlocker as shown in Figure 1 is missed in the current sliding doors (compared with Figure 4 below) supplied by the builder.
 - v) Warranty document showing that there is no exceptional condition for the thermal bowing.
 - vi) All the documents for this quotation are attached in the file "30 Jan 2023Gmail - Fwd_Need thermally broken sliding doors in coal dust color.pdf"
 - b) The quotation from Raylight Aluminium Ltd. The key attributes are listed below:
 - i) Suite: AllSeasons (i.e. the same brand as Item a above)
 - ii) All the documents for this quotation are attached in the file "2023Feb5Gmail - Fwd_Window and Door Quote.pdf"
 - c) The quotation from NK Windows. The key attributes are listed below:
 - i) uPVC Joinery (which is thermal insulator by nature, so it fits for our expected purpose)
 - ii) All the documents for this quotation are attached in the file "26Jan2023Gmail - NK Windows Q5991 - 2 Rapere St.pdf"
- 2) Thermal images (see Figure 5, Figure 6, Figure 7, Figure 8, Figure 9, Figure 10, Figure 11) of the sliding doors taken on different days showing that below:
- a) The temperature of window transoms and its joint with the fixed interlocker are relatively higher than that of the thermally broken members consistently excepting the bottom aluminium frames mentioned in Item b below. This relative higher temperature is caused by the aforementioned conduction (i.e the red line shown in Figure 4) at the joint between window transoms and the fixed interlocker due to the missing of the thermally broken strip (i.e. the missing strip mentioned in Item (1)(a)(iv))
 - b) The bottom aluminium frames of the sliding doors are the hottest part of the doors consistently. Therefore, the bottom aluminium frames are suspected to be not thermally broken.

Thank you so much for your kind help.

Nga mihi,
Harry

Figure 1: Cross Section C - C of Sliding Door from Another

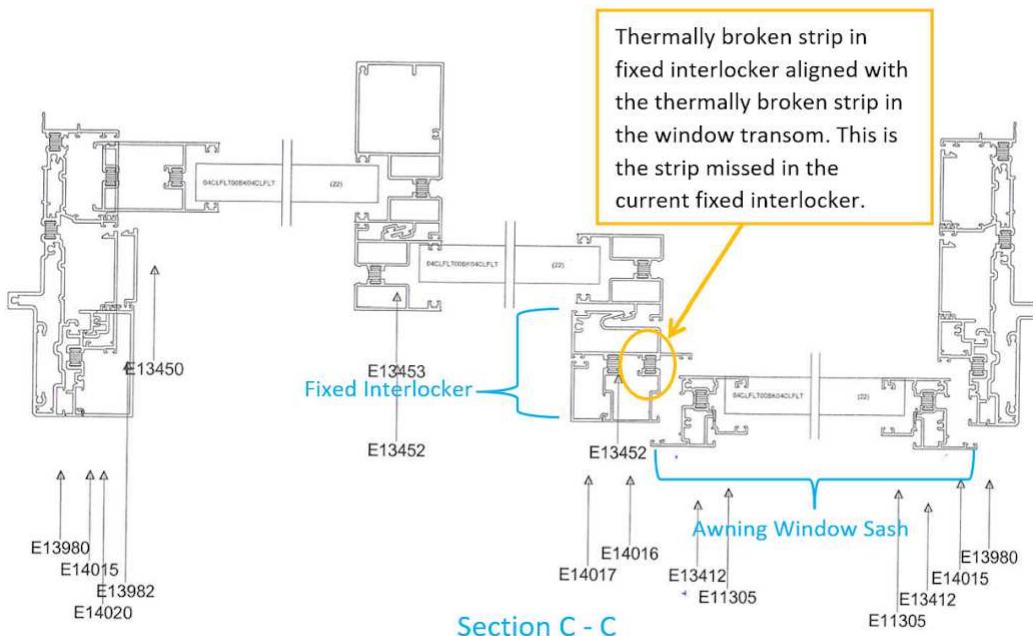
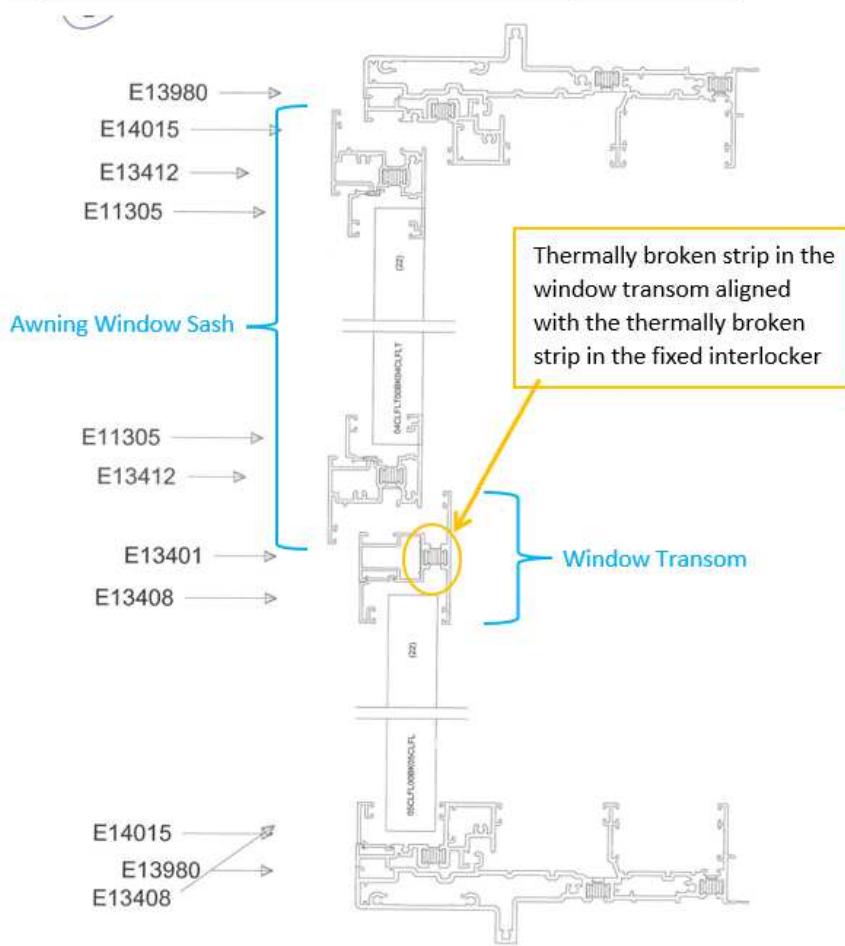


Figure 2: Cross Section B - B of Sliding Door from



Section B - B

Figure 3: Elevation of Sliding Door from Another Supplier

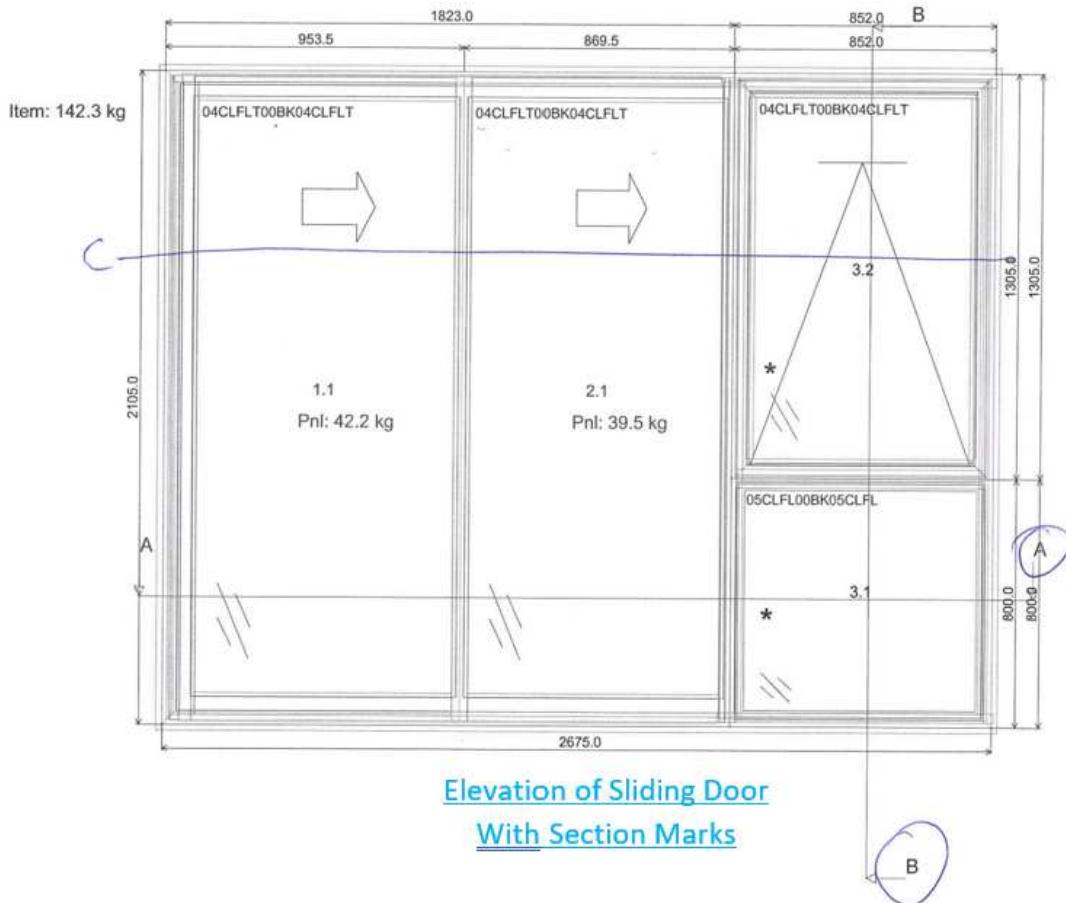


Figure 4: Joint between Window Transom and Fixed Interlocker of Current Sliding Door

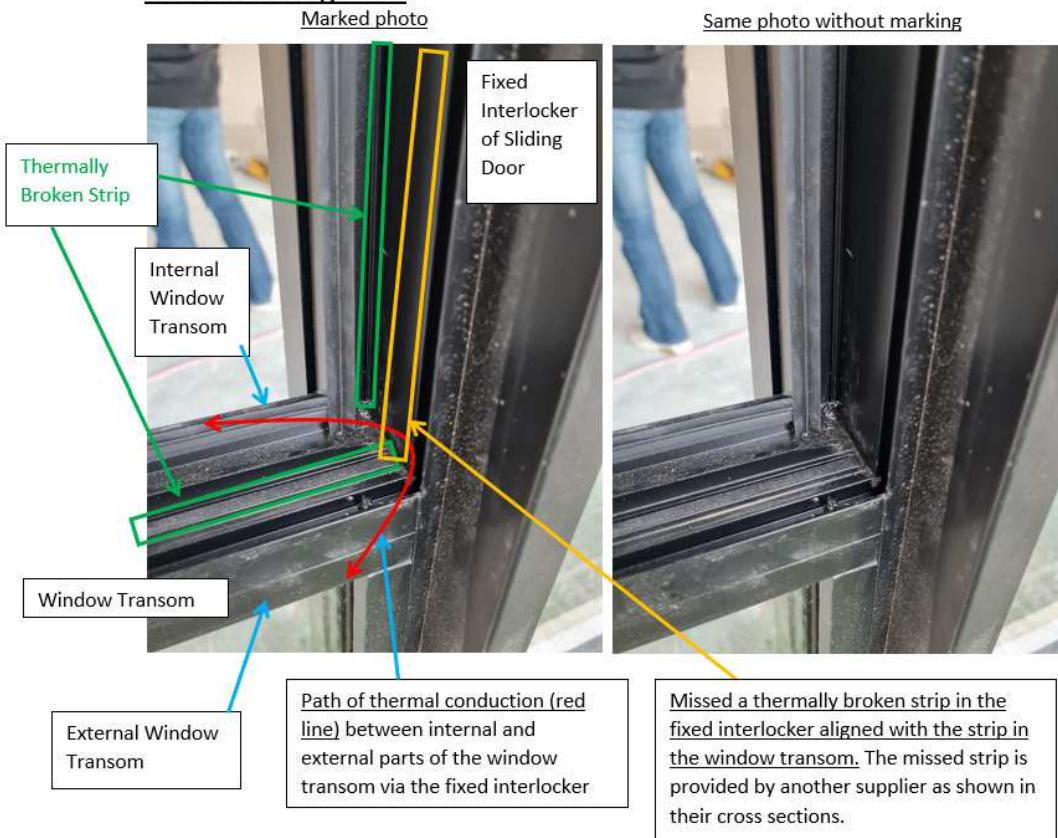


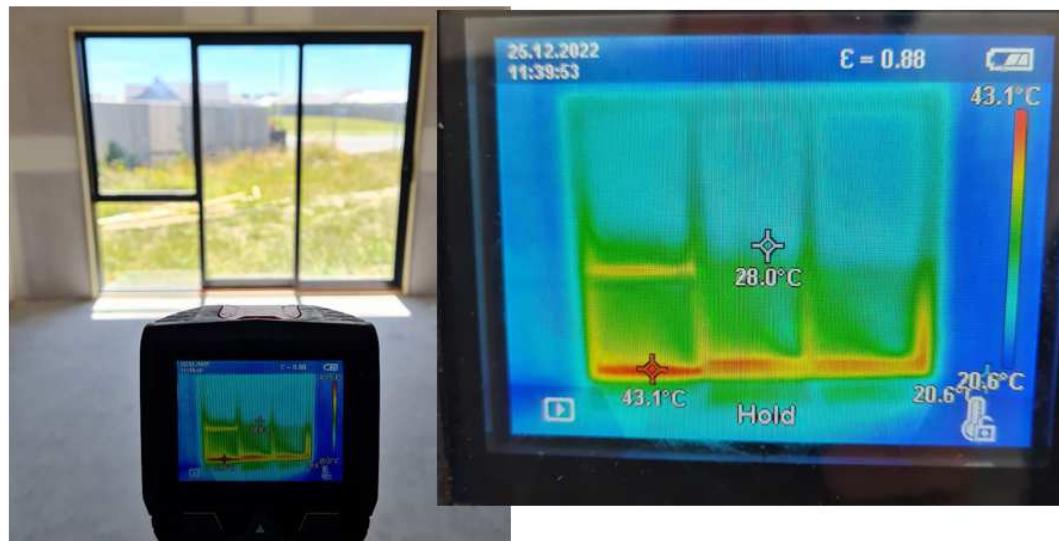
Figure 5: Thermal Image of Door at Living Room on 17 Dec 2022Figure 6: Thermal Image of Door at Living Room on 25 Dec 2022Figure 7: Thermal Image of Door at Lounge on 25 Dec 2022

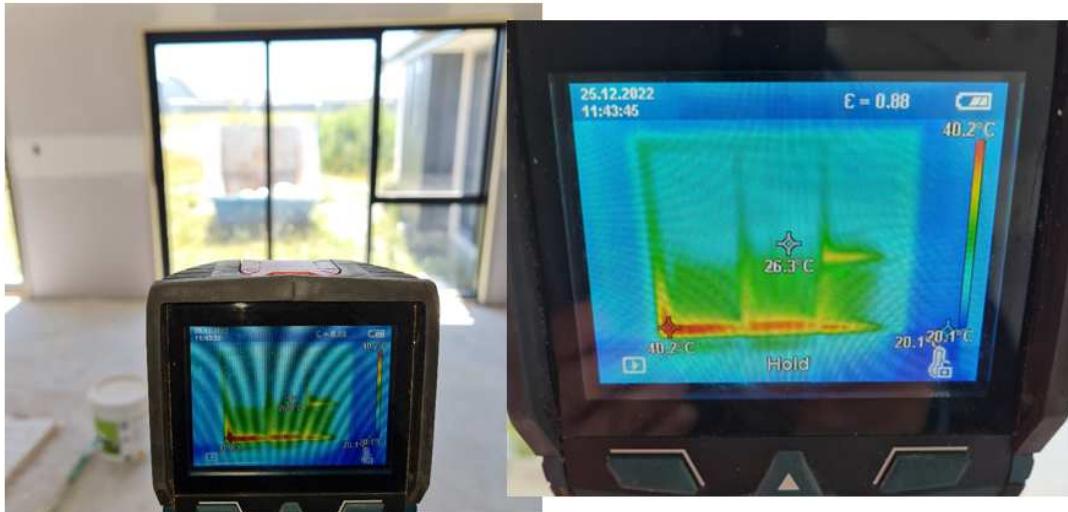
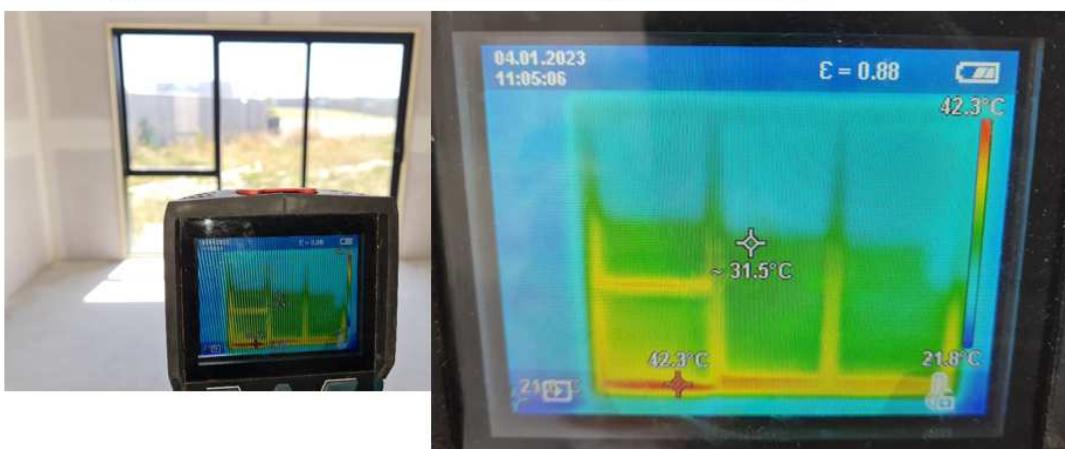
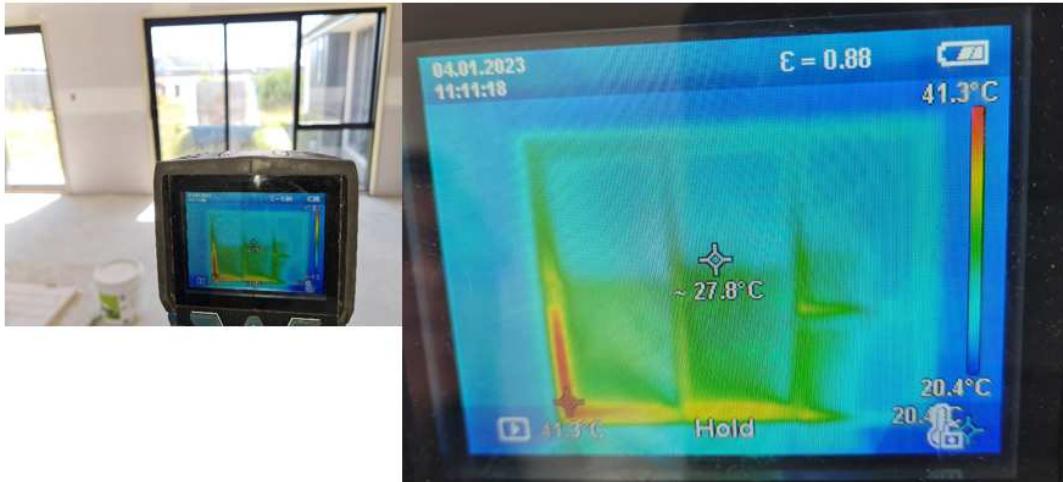
Figure 8: Thermal Image of Door at Dining Room on 25 Dec 2022Figure 9: Thermal Image of Door at Lounge on 4 Jan 2023Figure 10: Thermal Image of Door at Living Room on 4 Jan 2023

Figure 11: Thermal Image of Door at Dining Room on 4 Jan 2023

On Thu, Feb 2, 2023 at 12:57 PM Harry Lo <harrykhlo@gmail.com> wrote:

Good afternoon Edward,

Thanks for your information.

I obtained some new information supporting the dispute. I am writing the explanations on those new information to you. It will be sent you asap within a few days.

Is it acceptable to add some new information?

Sorry for any inconvenience caused.

Thanks a lot.

Kind regards,

Harry

On Thu, 2 Feb 2023, 11:04 Build-disputes, <Build-disputes@fairwayresolution.com> wrote:

Good morning Harry,

Just an update - I have heard from Ricky and am in the process of arranging a preliminary meeting.

I will be in touch in due course.

Kind regards,

Edward Palmer

Resolution Coordinator Privacy Notice:

At FairWay Resolution Limited, privacy matters. It's part of our values; we are committed to providing services in an ethical manner. Go to <http://www.fairwayresolution.com/privacy-policy> to view our full privacy policy and notice or email us at privacy@fairwayresolution.com for further information.

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3 attachments

26Jan2023Gmail - NK Windows Q5991 - 2 Rapere St.pdf
350K

2023Feb5Gmail - Fwd_ Window and Door Quote.pdf
7767K

 **30 Jan 2023Gmail - Fwd_ Need thermally broken sliding doors in coal dust color.pdf**
2776K



Harry Lo <harrykhlo@gmail.com>

Fwd: Need thermally broken sliding doors in coal dust color

1 message

Harry Lo <harrykhlo@gmail.com>
To: Sales Bradnams Christchurch <Sales.Chch@bradnams.co.nz>
Bcc: Sze Ping Jessica Lo <jlee2609@yahoo.com.hk>

Mon, Jan 30, 2023 at 10:33 PM

Hi Craig,

It was nice to meet you a week ago.

Thank you for letting me know there is no exceptional warranty condition for the thermal bowing issues.
Thanks for the attached cross sections showing the aluminum joinery being all thermally broken.
Thanks for the attached copy of the warranty showing no exceptional condition for the thermal bowing issues.

Further to our conversation, the cross sections and the copy of the warranty in the attached file "cross sections All Season slider-stacker.pdf" are the terms and conditions of the products given in your quotation 153440.03 as shown in the two attached files "Harry quote 7.12.22.docx" and "Harry quote 7.12.22.pdf"

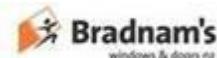
Please do not hesitate to let me know if there are any misinterpretations.
I will get back to you once I agree with the builder. Thank you for your kind help.
Kind regards,
Harry

On Mon, Jan 23, 2023 at 10:13 AM Sales Bradnams Christchurch <Sales.Chch@bradnams.co.nz> wrote:

Good morning Harry,

I have attached some examples of the cross sections for the stacker and slider, also a copy of the warranty.

Regards Craig



Craig Bilton

Account Manager

M 027 5254753

DDI 03 343 7143

E sales.chch@bradnams.co.nz

**Bradnam's Christchurch**

Halswell, Christchurch 8245

17 McTeigue Road, Halswell, Christchurch 8025

www.bradnams.co.nz

From: Harry Lo <harrykhlo@gmail.com>
Sent: Saturday, 10 December 2022 7:01 AM
To: Sales Bradnams Christchurch <Sales.Chch@bradnams.co.nz>
Subject: Re: Need thermally broken sliding doors in coal dust color

Thanks Craig,

Thank you for your quotation.

Would you mind providing me with the following information?

1. The cross sections of the 7 sliders which show all the aluminium members are thermally broken.
2. Can you provide the 7 sliders with coal dust colour or similar dark colour?

Thank you so much for your help.

Merry Christmas,

Kind regards,

Harry

----- Forwarded message -----

From: Sales Bradnams Christchurch <Sales.Chch@bradnams.co.nz>
Date: Wed, Dec 7, 2022 at 4:04 PM
Subject: RE: Need thermally broken sliding doors in coal dust color
To: Harry Lo <harrykhlo@gmail.com>

Hi Harry,

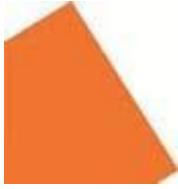
I have attached pricing and the schedule for the 7 sliders.

Our Technical advice from Auckland was that the issue of expansion or contraction could occur in this product.

Regards Craig

**Craig Bilton**

Account Manager

M 027 5254753**DDI** 03 343 7143**E** sales.chch@bradnams.co.nz**Bradnam's Christchurch**

Halswell, Christchurch 8245

17 McTeigue Road, Halswell, Christchurch 8025

www.bradnams.co.nz

From: Harry Lo <harrykhlo@gmail.com>
Sent: Thursday, 1 December 2022 1:28 PM
To: Sales Bradnams Christchurch <Sales.Chch@bradnams.co.nz>
Subject: Need thermally broken sliding doors in coal dust color

Kai ora Craig,
It was nice to talk to you last Tuesday. Thank you for your help.

I was seeking support for requesting my builder to replace his supplier of thermally broken aluminum sliding doors. My builder's supplier cannot provide us with the thermally broken sliding doors with the thermally-broken door stiles and thermally-broken fixed interlocker in coal dust color (i.e. the door stiles and fixed interlocker are not thermally-broken in coal dust color).

I enclose herewith the sliding door schedule for your reference in which the sliding doors are:

- Item 9,
- Item 10,
- Item 11,
- Item 12,

- Item 14,
- Item 16 and
- Item 21.

Would you mind to let me know if you can provide me with those sliding door with thermally-broken stiles and fixed interlocker in coal dust color? If so, I can ask my builder to change his supplier to you.

Please feel free let me know if your need the floor plan or any other things.

Thank you so much.

Nga mihi,
Harry

02102824346

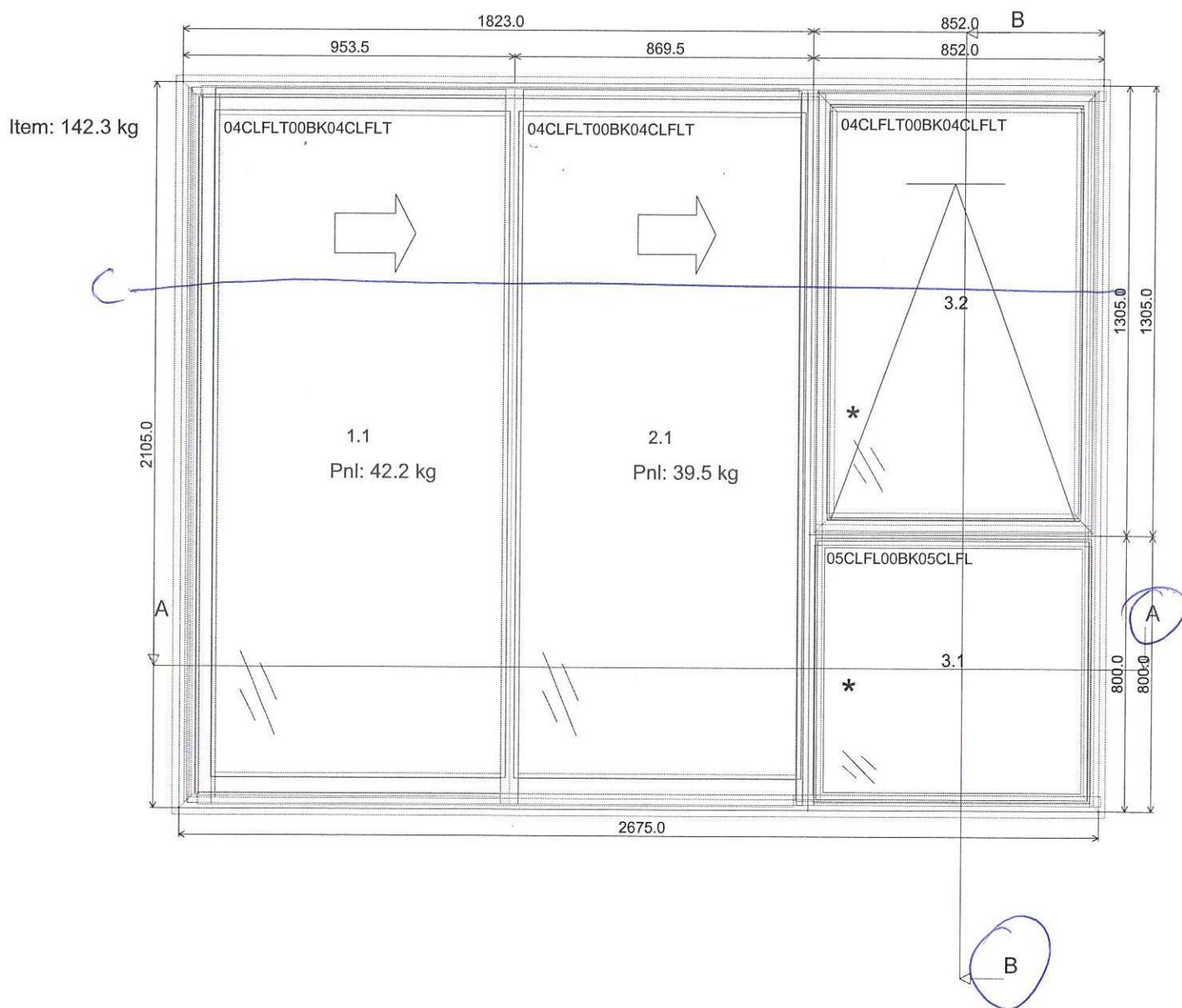
3 attachments

 **cross sections All Season slider-stacker.pdf**
2770K

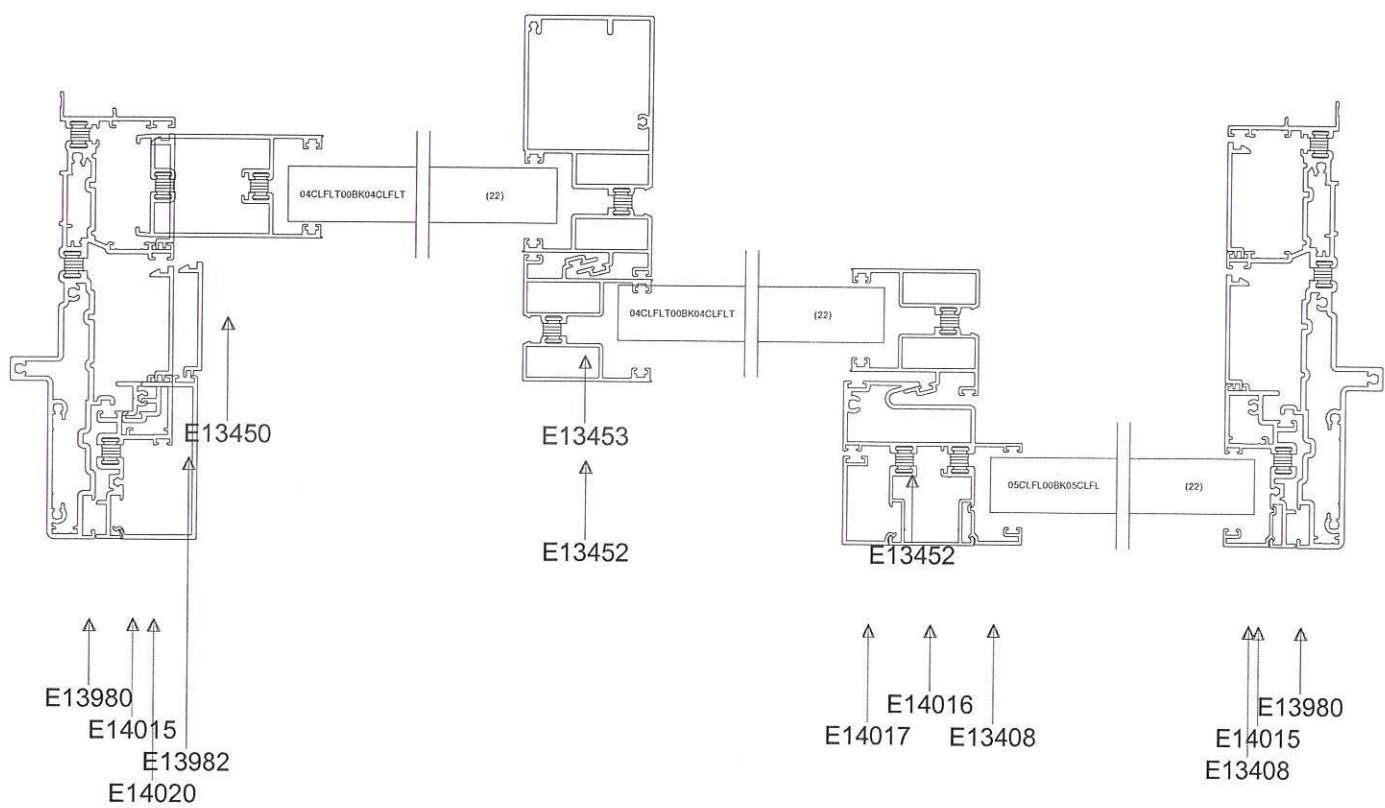
 **Harry quote 7.12.22.pdf**
62K

 **Harry quote 7.12.22.docx**
93K

→ Stacker



A



B

E13980 →

E14015 →

E13412 →

E11305 →

E11305 →

E13412 →

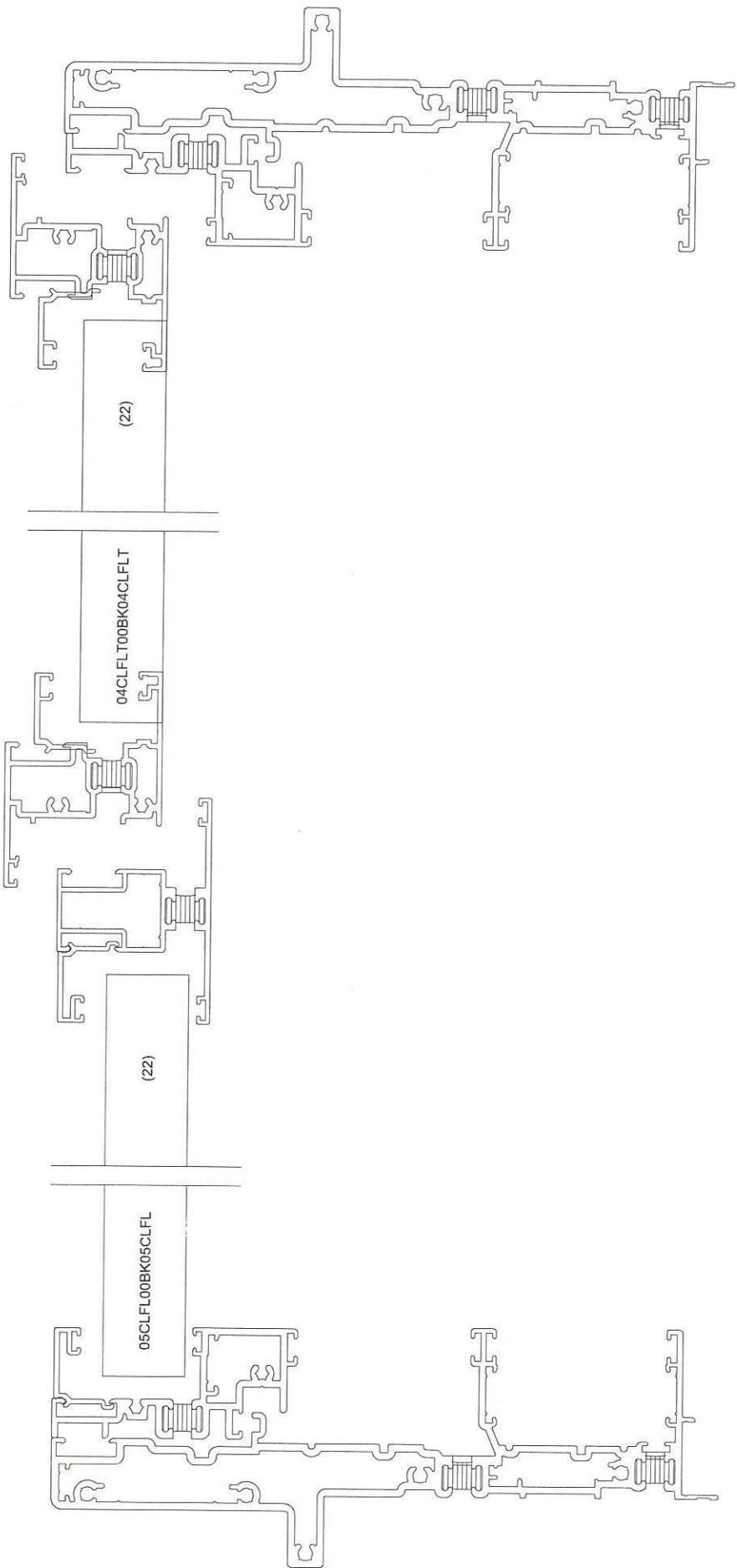
E13401 →

E13408 →

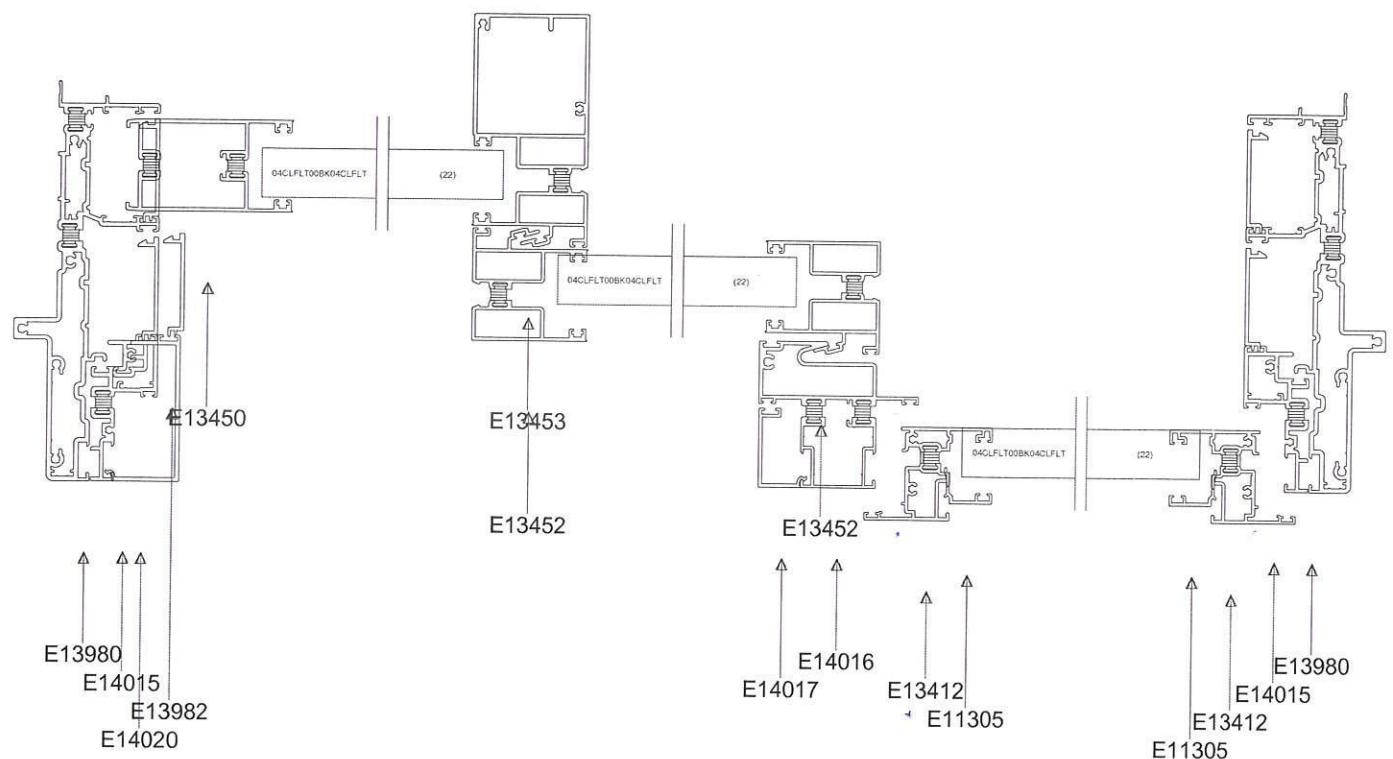
E14015 →

E13980 →

E13408 →



C



- Beaded Sash

Care and Maintenance of Aluminium Joinery

Aluminium joinery requires regular maintenance to ensure the joinery performs at its best. As a general rule, the harsher the environment, the more regular the maintenance required to keep your joinery in top condition. Also joinery that is covered by verandas or wide eaves and not subject to natural rain wash needs regular cleaning to avoid damage to surface finish on both the aluminium framing and powder coated hardware. The following maintenance tasks are not covered by this warranty:

- Seals and rubbers will require replacing from time to time depending on the environment. Generally they will last 10 years or more and can easily be replaced by service provider.
- Tracks, rollers (if accessible) and hardware require lubrication and rollers may require replacing due to normal wear and tear. This depends on the environment and amount of use.

Please refer to the Bradnam's Homeowners Guide for further cleaning and maintenance recommendations covering hardware that is plated, power coated or stainless steel. The Guides includes information on the lubrication of mechanisms, care for electrical entrance systems and open/close advice of sash handles.

Care and maintenance, washing glass

Regular washing and drying of glass windows and doors are required to ensure their long term durability. In urban areas washing should be done every three to six months. The following guidelines apply:

- When washing, soak the glass surface with warm water and a mild soap detergent solution or proprietary glass cleaners to loosen dirt and debris.
- Use a soft grit free cloth or sponge when washing and try to avoid washing in direct sunlight. Do not use scrapers or razor blades.
- After washing, rinse with clean water and then dry the glass using a clean, grit-free squeegee, cloth, or paper towel. Remember, wet glass is dirty glass.
- All water and cleaning solution residue should be dried from the window gaskets, sealants, and frames to prevent water spots.
- When washing special glass, the following guidelines apply:
 - Avoid cleaning tinted and reflective glass surfaces in direct sunlight;
 - When washing double glazing and laminated glass, use the same procedure as above but ensure no solvents come into contact with the edge laminate interlayer or unit sealant;
 - With reflective or Low E coated surfaces, exercise special care when cleaning - special cleaners may be required as they can be hard to clean. Follow manufacturer's instructions.
- It is advisable to check that frame drainage is not blocked this can affect laminate and insulated glass units.

Care and maintenance of powder coating and anodising

The following guidelines apply:

- Just a gentle clean with a soft brush and mild detergent, followed by a fresh water rinse, will maintain the long-term performance of the powder coated or anodised aluminium joinery. In rural or normal urban environments cleaning should occur every six months. In areas of high pollution, such as industrial areas, geothermal areas or coastal environments, cleaning should occur every three months. In particularly hazardous locations, such as beachfronts, severe marine environments or areas of high industrial pollution, cleaning should be increased to monthly.
- Sheltered areas can be at more risk of coating degradation than exposed areas. This is because wind-blown salt and other pollutants may adhere to the surface. These areas should be inspected and cleaned if necessary on a more regular basis.
- Adequate on site protection of delivered and/or installed joinery units must be provided. Joinery may get knocked, scratched, or splattered with mortar, plaster, or paint during the later stages of construction. If splashes occur immediately wash down the joinery unit affected with water or methylated spirits* (*wash area thoroughly afterwards). Do not allow splashes to harden.
- To restore powder coated surfaces that have lost gloss or are chalking, polishing with a high quality crème polish in accordance with the manufacturer's instructions is recommended. Avoid polishes that contain cutting compounds, unless the surface is extremely weathered.

Do not use solvents

Strong solvent type cleaners should not be used. These are harmful to the extended life of your joinery.

For further information please refer to the Bradnam's Homeowners Guide or the suppliers instructions and guidelines on their websites.

Warranty for Bradnam's Windows and Doors

Bradnam's windows and doors here after referred to as Bradnam's warrants the product they have supplied and their workmanship, subject to the conditions below. This warranty does not affect any applicable statutory consumer rights, including those under the Consumer Guarantees Act 1993, Building Act 2004, Fair Trading Act 1986 or any other statute.

How long does this warranty apply for?

This warranty applies for 5 years from the date of delivery of the joinery to the client or its installation, where installed by Bradnam's.

What rights does this warranty give you?

Subject to the terms of this warranty, Bradnam's will, at its option, repair or replace any faulty or defective Bradnam's joinery at no cost to you, where such failure is caused by the materials or workmanship provided by Bradnam's.

When does this warranty apply?

This warranty only applies to Bradnam's aluminium doors and windows fitted to household units as defined by the Building Act 2004.

Bradnam's is obliged to meet the WANZ (Window Association of New Zealand) Standard, Powder Coating Surface Finishing – Appearance in Situ for guidance on in situ inspection of surface finish of powder coated extrusions. A technical guideline for acceptable "Glass Quality" can also be found on the WANZ and Bradnam's websites www.wanz.org.nz and www.bradnams.co.nz.

What does this warranty exclude?

This warranty does not apply to:

- a. Any defect in materials which are covered by any other supplier warranty.
- b. Any damage or deterioration arising from causes beyond the control of Bradnam's, including but not limited to impact, abrasion, earthquake, flood, mechanical damage, neglect, malicious damage, misuse, fire damage, act of God, pollution, abnormal weather, damage caused by geothermal gases, air pollution or severe coastal conditions, excessive heat, exposure to chemicals, or attempted repairs unauthorised by Bradnam's in writing.
- c. Any defect caused by a failure to regularly maintain the surfaces in accordance with the recommended care and maintenance procedures as set out in this document or any additional suppliers care and maintenance requirements.
- d. Any defect attributable to a defect in the structure to which the joinery has been affixed or due to incorrect installation.
- e. Joinery not supplied by Bradnam's New Zealand.
- f. Bradnam's joinery acquired as "B" class or second-hand.
- g. Fair wear and tear.
- h. WANZ (Window Association of New Zealand) Standard (Powder Coating Surface Finishing – Appearance in Situ (2011) for guidance on in situ inspection of surface finish of powder coated extrusions) or GANZ (Glass Association of New Zealand) Technical Data Sheet ("Glass Quality (2012) as a guide for glass acceptance.) Both of these documents can also be found on the WANZ (www.wanz.org.nz) and Bradnam's (www.bradnams.co.nz) websites.

Other conditions and limitations:

- a. The obligations under this warranty are limited to either free replacement of the defective component or repair at the discretion of Bradnam's.
- b. Bradnam's is not liable for any direct or indirect special, consequential or third party claims for loss, damage or expenses.
- c. This warranty is not enforceable by any builder, developer, or on-seller (within the meaning of section 362H of the Building Act 2004) of the household unit, or any of their associates.
- d. This warranty is not assignable or transferable to subsequent owners without the prior written consent of Bradnam's.
- e. The liability of Bradnam's shall not exceed the original invoice value of the applicable aluminium joinery product at fault.
- f. No liability shall arise where the purchase price for any product supplied remains unpaid in full, or where the customer is otherwise in default of the terms of the supply agreement.
- g. No liability shall arise unless a claim is made in writing to Bradnam's within 30 days of the defect arising or being reasonably discoverable by the purchaser.

Customer: _____

Quote Number: _____

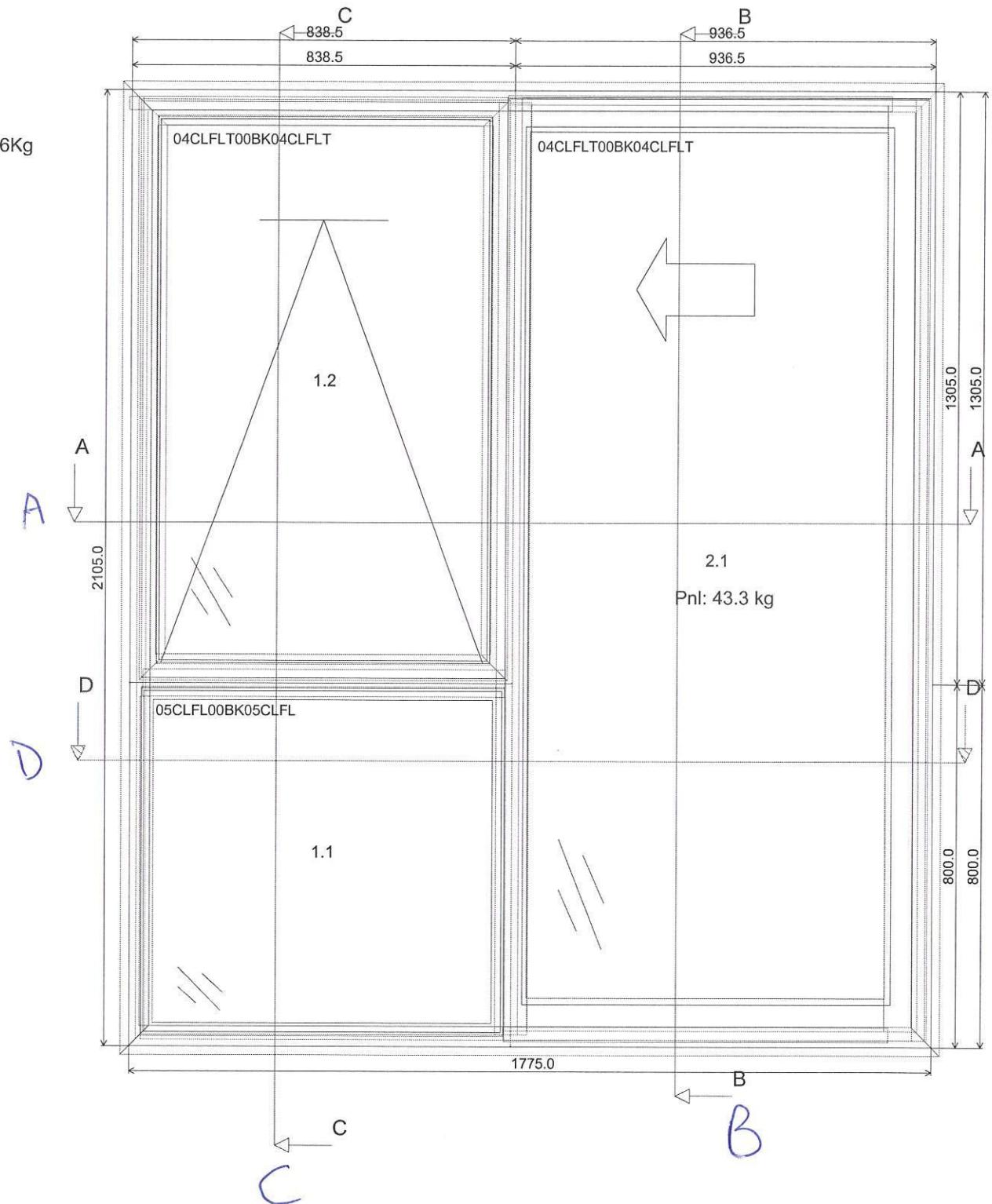
Address: _____

Phone Number: _____

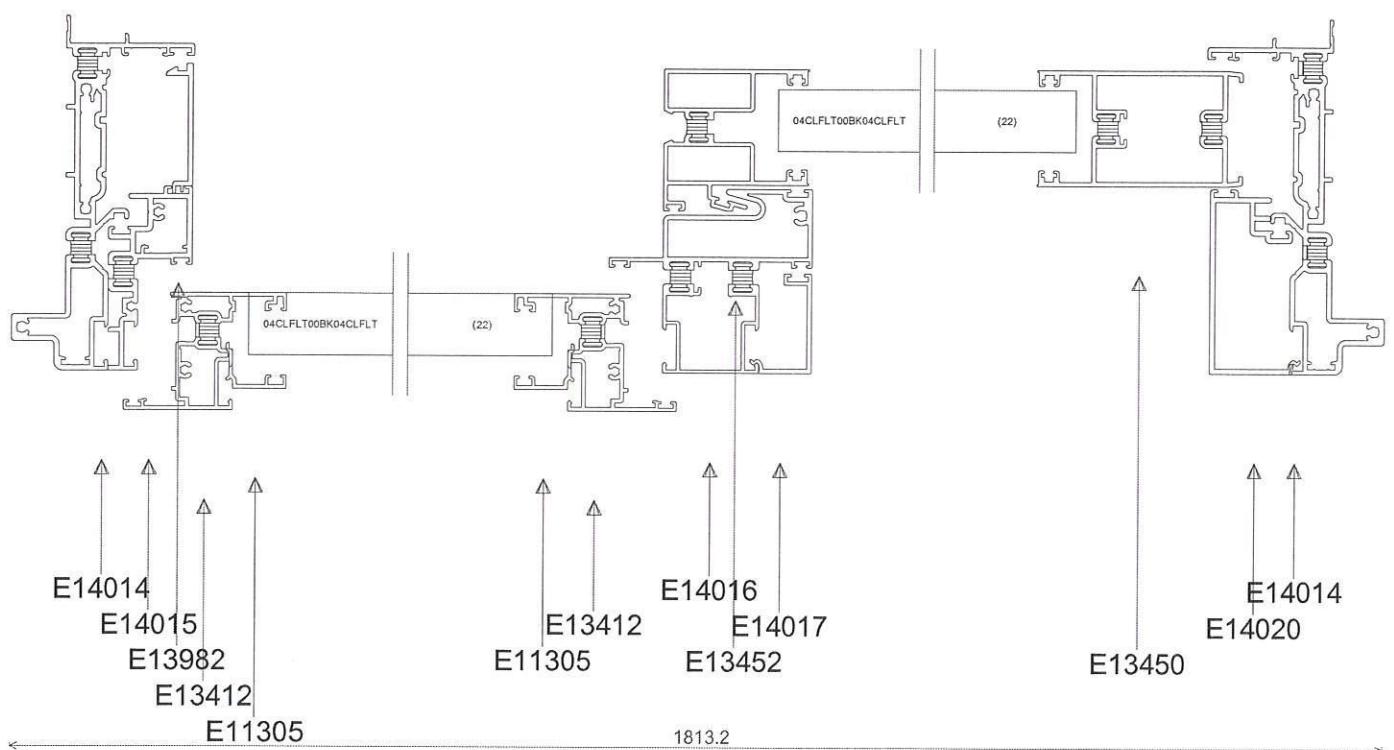
Signed: Tony Lee Date: _____

Single Slider:- Beaded sash

Item: 106.66Kg



A



B

E14014 →

E14020 →

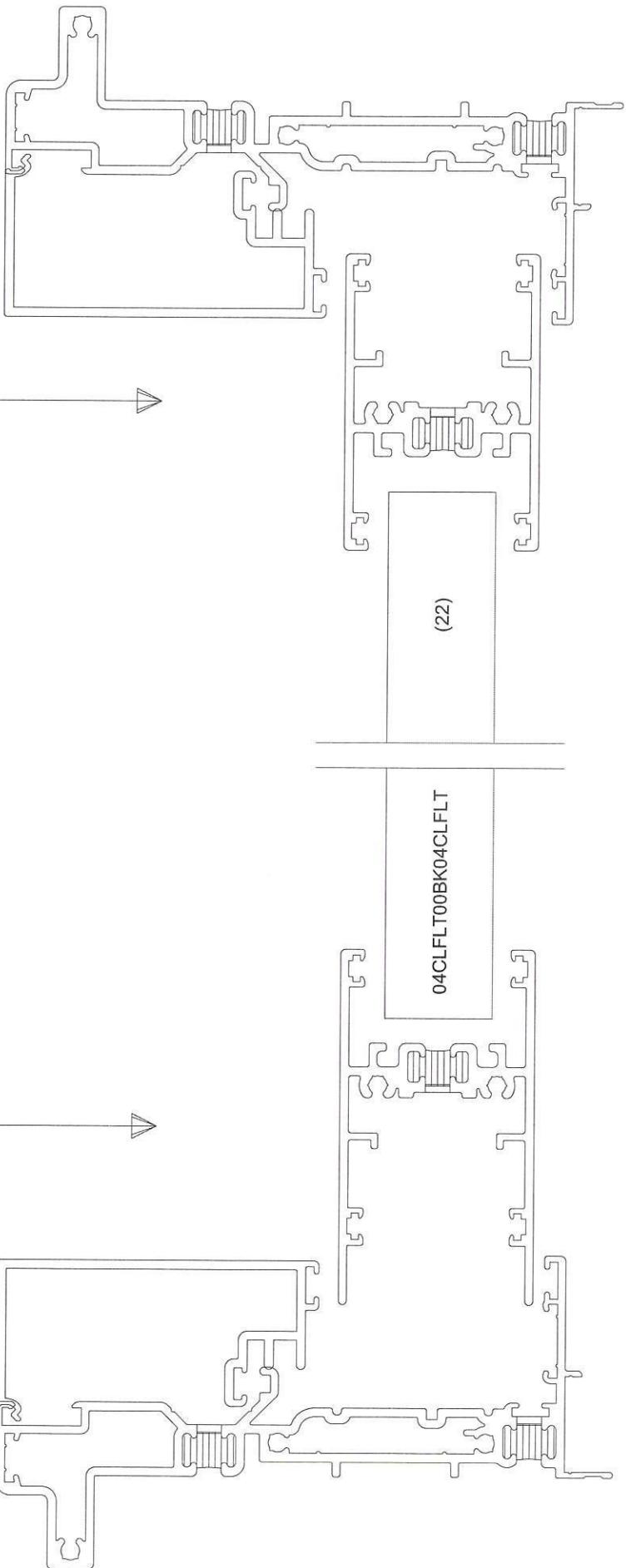
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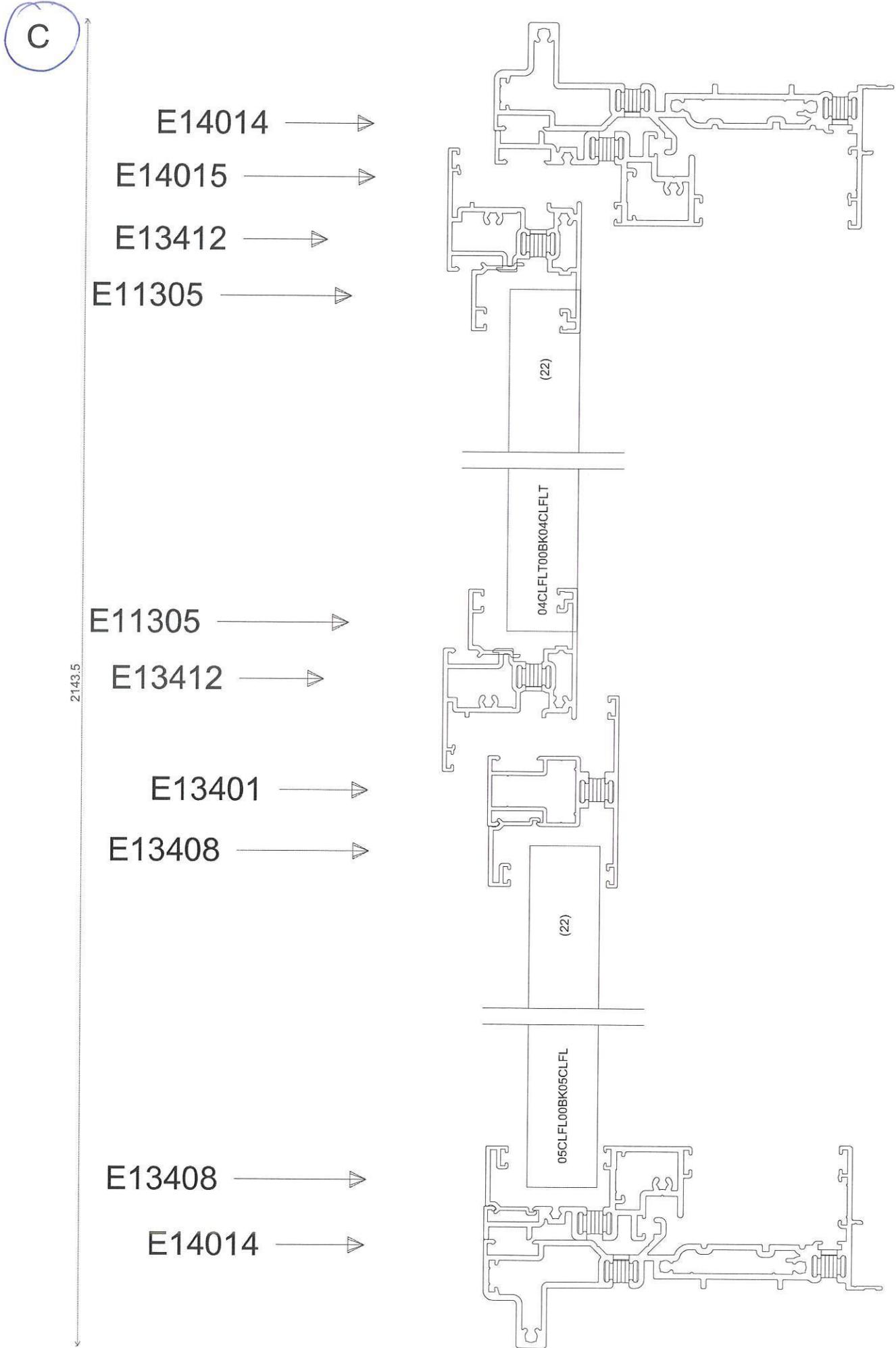
2143.5

E13985 →

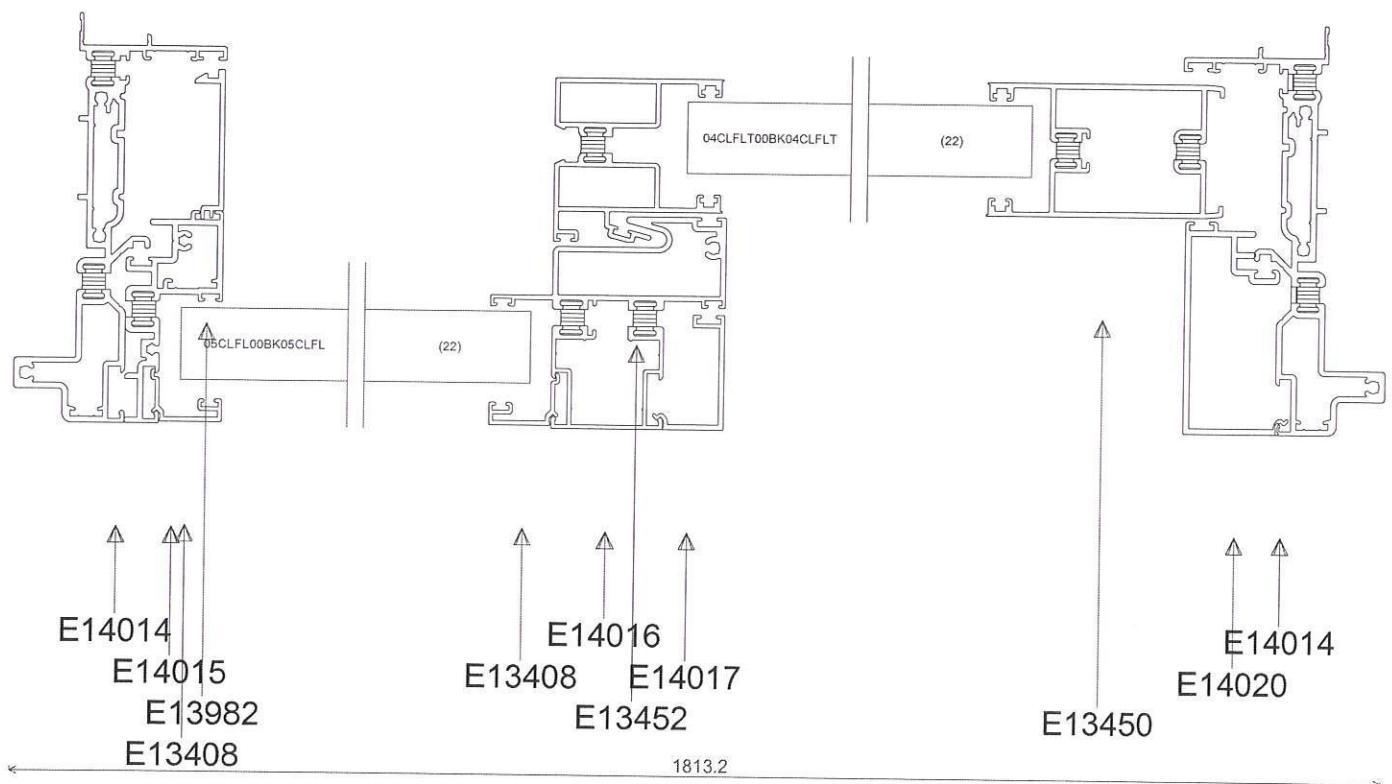
E14020 →

E14014 →





D





Bradnam's Windows & Doors NZ

Phone: (03) 343-7140 E-mail:

Contact : **CRAIGB**
Mobile :
E-mail :

Cash Sale - Chch

Project Title : Harry quote

Site Contact :
Deliver to : **Rolleston
ChCh**

Mobile :

Items : All

No. of units = 7

1

Fax:

Item	Description	Quantity
1	<p>D6 Lounge</p> <p>SUITE : AllSeasons™ FRAME : Level Step™ FLASHING : NO Flashing TRIM SIZE : 2130mm x 2700mm</p> <p>FRAME COLOUR : To be advised Group 1 WIND ZONE : High UNIT WEIGHT : 142.3 kg</p> <p>LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL</p> <p>WANZ COMPONENTS : 55mm E13366 Support Bar BEADED PANEL : FALSE HEIGHT FROM FLOOR : 0 WALL THICKNESS : 172 SILL LINER : TRUE TRACK_FINISH : BLACK</p> <p>COMMENTS: Client to fit and adjust panels on site</p> <p>1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M650) 1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651) 1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P)</p> <p>1.1 * SiteGlazing - Up to 1.5m2 (1, 3.1) 1.2 * SiteGlazing - Up to 1.5m2 (1, 3.2)</p>	1

D6 Living

2 1

SUITE : AllSeasons™ **FLASHING :** NO Flashing
FRAME : Level Step™ **TRIM SIZE :** 2130mm x 2700mm

FRAME COLOUR : To be advised Group 1

WIND ZONE : High **UNIT WEIGHT :** 142.3 kg

LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cu

GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL

WANZ COMPONENTS : 55mm E13366 Support Bar

BEADED PANEL : FALSE

HEIGHT FROM FLOOR : 0

WALL THICKNESS : 172

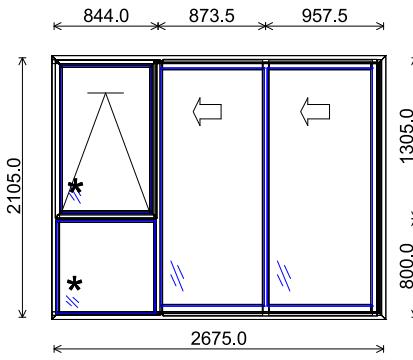
SILL LINER : TRUE

TRACK FINISH : BLACK

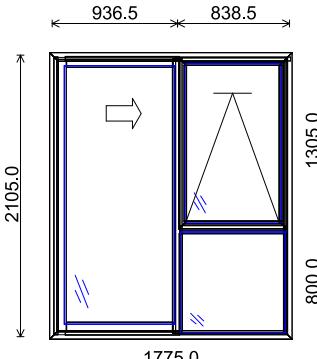
COMMENTS: Client to fit and adjust panels on site

1 x Comp to be advised (COMP30) Aria Helix Seal Fast LP RH COLOURS M65C

	1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651
	1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P
2.1	* SiteGlazing - Up to 1.5m2 (1, 3.1) 1
2.2	* SiteGlazing - Up to 1.5m2 (1, 3.2) 1

3	Dining D6	1
		
	SUITE : AllSeasons™ FRAME : Level Step™ FRAME COLOUR To be advised Group 1 WIND ZONE : High UNIT WEIGHT : 120.9 kg LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL WANZ COMPONENTS : 55mm E13366 Support Bar BEADED PANEL : FALSE HEIGHT FROM FLOOR : 105 WALL THICKNESS : 172 SILL LINER : TRUE TRACK_FINISH : BLACK	
	COMMENTS: Client to fit and adjust panels on site	
	1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M65C 1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651 1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P	

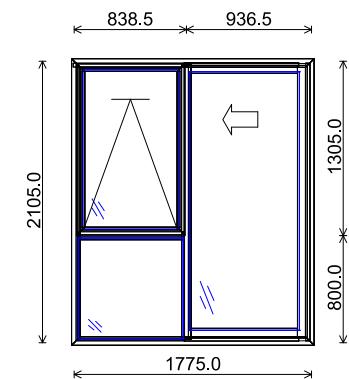
3.1	* SiteGlazing - Up to 1.5m2 (3, 1.1) 1
3.2	* SiteGlazing - Up to 1.5m2 (3, 1.2) 1

4	D5 bed 3	1
		
	SUITE : AllSeasons™ FRAME : Level Step™ FRAME COLOUR To be advised Group 1 WIND ZONE : High UNIT WEIGHT : 106.66 kg LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL WANZ COMPONENTS : 55mm E13366 Support Bar WALL THICKNESS : 172 SILL LINER : TRUE BEADED PANEL : FALSE TRACK_FINISH : BLACK HEIGHT FROM FLOOR : 0	
	COMMENTS: Client to fit and adjust panels on site	
	1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M65C 1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651 1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P	

	1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M65C
	1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651
	1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P

5

Bed 2 D4



SUITE : AllSeasons™
FRAME : Level Step™
FRAME COLOUR To be advised Group 1

FLASHING : NO Flashing
TRIM SIZE : 2130mm x 1800mm

WIND ZONE : High

UNIT WEIGHT : 106.66 kg

LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut
GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL

WANZ COMPONENTS : 55mm E13366 Support Bar

WALL THICKNESS : 172

SILL LINER : TRUE

BEADED PANEL : FALSE

TRACK_FINISH : BLACK

HEIGHT FROM FLOOR : 0

COMMENTS: Client to fit and adjust panels on site

1

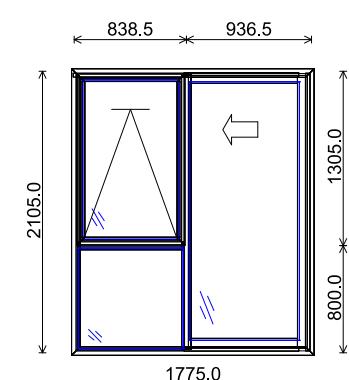
1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M650)

1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651)

1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P)

6

master bed D3



SUITE : AllSeasons™
FRAME : Level Step™
FRAME COLOUR To be advised Group 1

FLASHING : NO Flashing
TRIM SIZE : 2130mm x 1800mm

WIND ZONE : High

UNIT WEIGHT : 106.66 kg

LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut
GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL

WANZ COMPONENTS : 55mm E13366 Support Bar

WALL THICKNESS : 172

SILL LINER : TRUE

BEADED PANEL : FALSE

TRACK_FINISH : BLACK

HEIGHT FROM FLOOR : 0

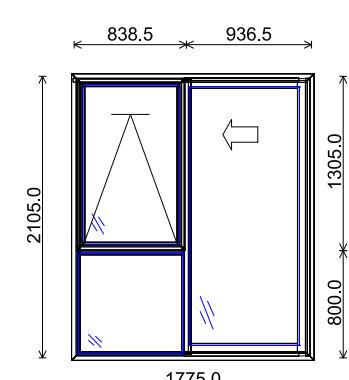
COMMENTS: Client to fit and adjust panels on site

1

1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M650)
 1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651)
 1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212A0P)

7

Bed 4 D4



SUITE : AllSeasons™
FRAME : Level Step™
FRAME COLOUR To be advised Group 1

FLASHING : NO Flashing
TRIM SIZE : 2130mm x 1800mm

WIND ZONE : High

UNIT WEIGHT : 106.66 kg

LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut
GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL

WANZ COMPONENTS : 55mm E13366 Support Bar

WALL THICKNESS : 172

SILL LINER : TRUE

BEADED PANEL : FALSE

TRACK_FINISH : BLACK

HEIGHT FROM FLOOR : 0

COMMENTS: Client to fit and adjust panels on site

1

1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP RH COLOURS M650)
 1 x Comp to be advised (COMP30_Aria Helix Seal Fast.LP LH COLOURS M651)



Lead No : 153440
Quote No : -14222- Ver 4
Quote Date : 04/12/2022
Modified Date : 07/12/2022

1 x Comp to be advised (COMP30_Aria EDV 81375P Lock Pullx2 MEM6212AOP

8 Delivery : 1

Quote Comments : Number of Units = 7

This quotation is provided under the terms of the Construction Contracts Act 2002

I hereby accept this quote for aluminium joinery as detailed above. I agree that the joinery is supplied on the Terms and Conditions of Sale which accompany this quote and that these Terms and Conditions of Sale will form the basis of the contract for supply between you and us. I also agree to settle my account in full or by prior arrangement.

Signed : _____ Dated : _____ / _____ / _____

All Units are viewed from the outside.

This quotation is valid until 07 January 2023

07 December 2022

cash sale Harry Lo

17 McTeigue Road
Halswell Christchurch
Ph: 03 343 7140

Quote Number: 153440.03
Schedule Number: 14222.4

We are pleased to submit the following quotation based on the information you supplied. Detailed drawings are shown on the attached schedule (all windows are viewed from the outside). Please check the schedule thoroughly and advise us of any changes required.

Delivery will be to: **Harry quote**

In addition to our Standard Terms and Conditions and Bradnams Christchurch Residential Service Agreement (attached) this quotation includes the following.

ACOUSTIC GLASS HAS NOT BEEN ALLOWED FOR UNLESS SPECIFICALLY NOTED ON THE BRADNAMS WINDOW SCHEDULE

Suite:	ALLSEASONS *	Installation:	No
Colour:	To be advised Group 1 *	Entry Door:	N/A
Glass:	Clr Flt Outer / Clr Flt Inner *	Entry Door Hardware:	N/A
Liner:	25mm H3 Paint Quality Pine	Hardware Colour:	Colour Matched
WANZ Support Bar:	55mm E13366 Support Bar *	Sash Handle:	Aria Helix Sash Handles - Double Tongue *
Wall Thickness:	172	Hinge Door Handle:	N/A *
Head Flashings:	NO Flashing *	Sliding Door Handle:	Aria End Mortice Locking Pull x 2 *
Sill Flashings:	Refer to schedule	BiFold Hardware:	N/A
Sill Liner:	Yes	Construction Key:	No
Wind Load:	High	Keyed Alike:	Yes – these 7 items only.
Delivery:	Yes	Site Glazing:	Yes *

*An asterisk above denotes that this specification varies on some items – refer to individual schedule items for exact details.

NOTE: If plans and specifications have not clearly outlined differences in levels, external steps, decks and internal stairs relative to window joinery positions then, in some instances, building code requirements around glass standards and safety from falling may not be complied with. If you are unclear on these requirements please consult your sales representative.

If this quote includes tinted or Low E glass, to reduce cost some/all of these panes have not been quoted as toughened. If you require us to toughen all tinted or Low E panes, please advise and we will provide a quote which includes this additional cost. Toughening of tinted or Low E glass reduces the likelihood of breakage due to thermal



stress. Note specifically that in the event of glass breakage occurring after delivery or site glazing the replacement will not be under warranty.

Site glazing has been allowed for on windows and doors over 65kg.

Additional Comments:

7 items only, 3 stacker sliders and 4 single sliders.

Comments as on our window schedule.

Note : Regards thermal expansion of stile and interlock stile.

Advice from our head office Technical is that the same issue could occur.

Total excl GST	\$	31953.00
GST	\$	4792.98
Total incl GST	\$	36745.98

This quotation is valid for 30 days from date quoted. For non-account holders a 50% deposit is required on acceptance of the quote. Balance due before delivery.

For your convenience payments can be made directly into our bank account 01-1839-0344890-051 using your Quote number as a reference.

Bradnam's Windows and Doors has a five year manufacturing warranty and are members of Window Association of New Zealand which provides you with further assurance of our commitment to quality. If you have any questions or require any amendments to this quote, please contact me. You are welcome to visit our showrooms in Auckland (East Tamaki) or Christchurch.

Craig Bilton
 Bradnams Christchurch
 DDI: 03 343 7143
sales.chch@bradnams.co.nz
www.bradnams.co.nz



ACCEPTANCE OF QUOTATION

07 December 2022
cash sale Harry Lo

17 McTeigue Road
Halswell Christchurch
Ph: 03 343 7140

Quote Number: 153440.03

Total excl GST	\$	31953.00
GST	\$	4792.98
Total incl GST	\$	36745.98

Terms of Payment for Non Account Holders

50% Deposit required on acceptance of quote. Balance due before delivery.

For your convenience payments can be made directly into our bank account 01-1839-0344890-051 using your Quote number as a reference.

Proposed Delivery Date: _____

I/We understand that no materials will be ordered for the joinery until either a 50% deposit or a credit application is accepted by Bradnam's accounts department. We accept that any changes in quantity, size or configuration could affect the final invoice. These variations need to be agreed at the time of discovery and a price agreed in writing before any changes are made. I accept that this process may delay any joinery items affected by the changes.

I/We have checked and confirm that the configurations and sizes are correct as per the above mentioned schedule and quotation, and have read and understood Bradnam's Terms and Conditions and Bradnams Christchurch Residential Service Agreement.

Name: _____

Signature: _____

Date _____

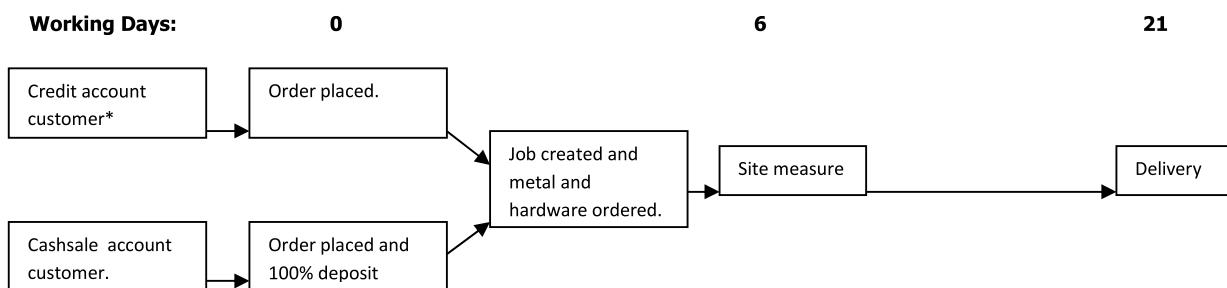


BRADNAMS CHCH RESIDENTIAL SERVICE AGREEMENT

Bradnams Christchurch standard service agreement is to supply top quality joinery, in full, to an agreed lead time as detailed below. Every effort will be made to ensure the build progress is not delayed by Bradnams, or through customer information shortfalls.

ONLY the Production Scheduler in communication with the client will agree on the final accepted joinery delivery date. Any delivery date requested to be brought forward earlier than the standard lead time will be at the discretion of the **Branch Manager** in consultation with the **Production Team** based on production capacity and job complexity (a surcharge may be payable by agreement).

TYPICAL JOB FLOW



*If a new credit account: allow one week for this to be arranged (credit subject to approval by Altus NZ Limited).

SITE MEASURE LEAD TIMES

- The lead times as listed below prevail, but in addition we require 15 working days between site measure availability and delivery. Note that some items cannot be ordered by Bradnams until after site measure, so this needs to be taken into account.
 - It is common for the lead times for certain entry door panel types to exceed the joinery lead time through the factory. Types affected include: woodgrain, glass fronted, flat panel/flush, wet sprayed, and special coloured door panels. Lead times from site measure for these panel types can be as long as 4-6 weeks. If you have selected an entry door panel of one of these types, you may not receive the panel at the same time as the main joinery delivery. We can deliver the frame only if required, to enable cladding to proceed.
 - Consider working to agreed sizes as this can assist with delivery in full and on time.



21 DAY LEAD TIMES

- Non-thermally broken residential suites (and most commercial suites).
- Total number of joinery items does not exceed 25.
- All hardware, entry panel and colour selections made at time of order placement.
- Bradnams supplies the Entry Door Panel and hardware (standard timber door panel or aluminium door panel in standard colour finishes).
- Simple raking or corner speciality joinery up to a max of 3 items per house-lot.

For those items that do not meet the boundaries as defined above, the following lead times will prevail;

25 DAY LEAD TIMES

- Thermally broken suites.
- More than 3 speciality items per house lot.
- Green house and conservatory windows, or other complex non-standard items.
- Items with special colour finishes.
- Total number of joinery exceeds 25 items but not more than 50.
- Specials that need brackets welded.

OTHER LEAD TIMES

- Curved or Arched windows – allow an extra 10 days from site measure for the item.
- Glass block availability and leadtime are quoted on a case-by-case basis.
- Wet sprayed door panels – allow an extra 15 days from site measure.
- Glass splashback type doors – allow an extra 15 days from site measure.
- 25 micron anodised aluminium surface finishes – approximately 25 days from order placement.
- Wood grain aluminium entry door panels – allow an extra 10 days from site measure.
- Colonials: IGU glass panes with colonials – allow an extra 8 days from site measure for these items.
- Fire-rated joinery is not part of Bradnams product offer.
- Splitting a job from a single quote into multiple production runs/deliveries may result in metal shortfalls, additional metal costs may be on-charged to the customer and could result in delivery delays.

For those jobs outside the above guidelines lead time must be confirmed with the **Production Scheduler**.



ENTRY DOOR PANELS AND HARDWARE

Customers who wish to supply their own entry door panel and hardware **must** supply it to the Branch by no later than **day 5** of the 21 day lead time cycle for it to be hung in the factory. Bradnams will not machine customer supplied door panels. Customer supplied doors that arrive after this date will be hung by the owner or incur additional costs to offset any costs incurred by Bradnams.

Late notification of entry hardware type may result in additional door panel machining costs.

REWORKS

Reworks or modifications to completed joinery will be evaluated on a case by case basis depending on complexity of work to be carried out.

SITEGLAZING

If your job has fully or partially site glazed items, these joinery items will be delivered to site without any 'fill' (glass or otherwise) in those pane positions. Site glazing lead times are typically 5 days after delivery, and the site glazier will contact you to arrange timing of this. In some cases, for complex or non-standard joinery, the site glazing lead time can be longer due to glass supply lead times.

Note specifically that for box, bay, rakers and complex items – we do not order glass until you or your builder confirms that the joinery has been successfully installed. This ensures that the glass we order will be the correct size. Site glazing for these types of items may take up to 7 working days from the date that you give confirmation for us to proceed with site glazing. Please note that we do not plywood glaze these items before delivery unless requested by you, and that this will incur an additional charge.

CUSTOMER SUPPLIED HARDWARE

If you want to supply your own hardware, fitting of this will be charged on a 'time taken and materials used' basis. This is only allowable if we are unable to supply the required type ourselves, and you must also get our approval before you order your joinery.





Bradnams will not accept customer supplied cat doors or dog doors.

DELIVERY

Bradnams will deliver joinery via the most suitable method available at the time; this could be either by light trailer, furniture truck, or some other method. We provide a single person to assist with unloading the joinery from the delivery vehicle only. Our quoted scope does not include moving joinery from the delivery vehicle to the building, or around the building site, or assisting with installation. You are required to have enough people on-site at the time of delivery to handle the joinery.



BRADNAM'S WINDOWS AND DOORS

Terms and conditions of sale

1. General

1.1 In these terms and conditions:

The "Company" means Altus NZ Limited;

The "Customer" means the company or other entity named overleaf as the "Customer";

"Goods" means "aluminium joinery" supplied by the Company to the Customer and in respect of each order of Goods from the Customer accepted by the Company means the Goods described in or of which a description is cross-referenced in the invoice issued by the Company in respect of the relevant order; "GST" means Goods and Services Tax.

1.2 Any Goods supplied by the Company to the Customer will be supplied on these terms and conditions only (unless otherwise expressly agreed in writing by the Company). These terms and conditions take precedence over any terms offered by the Customer.

2. Quotation

2.1 Quotations are based on details supplied by the Customer. Any variation will be at the Customer's expense. The Customer shall ensure that the sizes and number of items quoted correspond with the Customer's requirements.

2.2 Quotations do not include provision of scaffolding, craneage or other ancillary equipment that may be necessary for the installation of Goods.

2.3 All aluminium is quoted as supplied without a protective coating, unless otherwise expressly included in the quotation, the protective coating referred to will be for powder coating to BS6496.

2.4 Unless specifically included in the quotation, the Customer is responsible for fixing and installing the Goods, and supplying and applying any necessary sealer, flashings, timber, fillets, fixing screws or fastenings.

2.5 Clerical errors or omissions whether in computation or otherwise in any quotation, order acknowledgement or invoice shall be subject to correction.



2.6 Once an order for Goods has been placed with the Company, the Customer may not cancel the order without the prior written consent of the Company which may be given subject to various terms, for example, the Company may charge the Customer for any expenses or additional costs as a result of any such cancellation.

3. Price

3.1 Quotations are based on costs current at the date of quotation. Prices quoted shall be valid for thirty (30) days from the date of communication. At the expiration of this thirty (30) day period, the Company may vary the quotation without notice.

3.2 Where no quotation is given the price of the Goods will be the price current at the date of dispatch.

3.3 The price quoted for the Goods excludes GST. GST will be paid by the Customer in addition to the price quoted.

4. Payment

4.1 Unless otherwise agreed, 100% for the price of the Goods, plus GST, is to be paid as a deposit on the date of confirmation of an order of Goods, with the balance of the purchase price payable in full on delivery.

4.2 If credit is given, the price of Goods, plus GST, is payable in full on the 20th of the month following the date the Goods are ready for collection by the Customer.

4.3 The Customer may not deduct or withhold any amount (whether by way of set-off, counterclaim or otherwise) from any money owing to the Company.

4.4 If full payment for any Goods is not made to the Company by the due date for payment, the Customer must pay, at the Company's discretion and without prejudice to any other remedy the Company may have, on demand, default interest at a rate equal to 5% above the current base lending rate from time to time set by the Company's bankers from the due date for payments until the date when payment is actually made and all expenses and costs (including legal costs as between solicitor and client) incurred by the Company in obtaining or attempting to obtain a remedy for the failure to pay.

4.5 The Company may at any time require the Customer to pay for Goods by bank cheque or post dated cheque or (in addition to the Company's security interest in the Goods) may require the Customer to procure such guarantees and securities as the Company considers necessary to secure to the Company payment for the Goods.

5. Delivery



5.1 All costs of delivery shall be paid by the Customer in addition to the price for the Goods.

5.2 Unless otherwise agreed in writing by the Company, the Customer is to arrange for the Goods to be picked up from the Company's premises:

- (a) delivery will be considered to have been made when the Goods are available for collection by the Customer;
- (b) the Customer or its authorised representative must sign the delivery docket before any Goods are loaded for delivery.

5.3 Delivery of Goods may be by instalments.

5.4 Where the Company agrees in writing to arrange delivery of the Goods to the Customer's store or to a site designated by the Customer:

- (a) delivery will be considered to have been made when the Goods arrive at the Customer's store or designated site;
- (b) if the Customer fails or refuses to accept delivery at an agreed delivery time, delivery will be considered to have been effected in any event;
- (c) the Customer or its authorised representative must sign the delivery docket before any Goods are unloaded;
- (d) all claims for Goods damaged in transit must be made in writing and delivered to the Company within seven days of delivery of the Goods;
- (e) the Customer is responsible for ensuring at its own cost, that all agreed delivery sites have unloading facilities together with labour and/or mechanical means to unload the Goods promptly, suitable access and area for unloading and suitable storage for the Goods.
- (f) the Company's usual delivery times are between the hours of 8.00am and 5.00pm Monday to Friday, excluding statutory holidays. The Company may, at the Customer's request, arrange delivery at other times but will be entitled to charge the Customer for any additional costs the Company may incur.

5.5 The Company will endeavour to meet agreed delivery dates but will not be liable, nor may the Customer cancel any order, for late delivery. The delivery date specified on the quotation is an estimate only.

5.6 All claims for short or defective delivery must be made in writing and delivered to the Company within seven days of delivery of the Goods. The Customer may not cancel any order for short or defective delivery. If the Customer fails or refuses to uplift the Goods from the Company's premises or to take delivery of any Goods at an agreed delivery time, or if an agreed delivery site does not have the unloading facilities, access or storage required, the Company may charge the Customer (without limiting any other right the Company may have) for any expenses or additional costs incurred by the Company as a result.

6. Risk

The Customer bears the risk of any loss or damage to the Goods due to any cause whatsoever;



- (a) if the Company is to arrange delivery of the Goods, on delivery of the Goods;
- (b) if the Goods are to be collected by the Customer from the Company's premises, when the Goods are available for collection by the Customer.

7. Ownership

7.1 Ownership of the Goods does not pass until:

- (a) all amounts owing by the Customer to the Company in respect of the Goods have been paid;
- (b) all other obligations of the Customer to the Company in respect of the Goods have been met.

7.2 Until ownership of the Goods passes, the Customer:

- (a) must keep full and complete records of the Goods;
- (b) must return the Goods in merchantable condition if requested to do so by the Company following non-payment of any amount owing by the Customer to the Company or non-fulfilment of any other obligation of the Customer to the Company, without limiting any other right the Company may have;
- (c) gives the Company the right to inspect the Goods, or any part of them at all reasonable times;
- (d) must not change its name, address or contact details without providing the Company with at least 30 days prior written notice;
- (e) waives its rights to:
 - (i) receive a copy of any verification statement;
 - (ii) receive a copy of any financing change statement;
- (f) If the Goods are for the Customer's business use, the Customer agrees, to the extent Part 9 of the Personal Property Securities Act 1999 ("PPSA") applies, that it will have no rights under Part 9 of the PPSA. For example, but without limitation, to:
 - (i) receive any notice that the Company intends to sell the Goods or take over the Goods on enforcement of the Company's security interest;
 - (ii) give a notice of objection of the Company taking over the Goods in satisfaction of any obligation owed by the Customer to the Company;
 - (iii) receive a statement of account on sale of the Goods;
 - (iv) recover any surplus on the sale of the Goods,
- (g) must not give to the Company a written demand or allow any other person to give the Company a written demand or register or allow any other person to register a financing change statement under the PPSA.

7.3 The Customer acknowledges that it has received value as at the date for collection of the Goods and has not agreed to postpone the time for attachment of the security interest granted under these terms and conditions.

8. Warranty



8.1 All warranties, descriptions, representations or conditions whether implied by law, trade, custom or otherwise are, and all other liability of the Company, whether in tort (including negligence), contract or otherwise is, expressly excluded to the fullest extent permitted by law.

8.2 Insofar as the Company may be liable notwithstanding clause 8.1, to the extent permitted by law (and subject to clause 8.5), the total liability of the Company whether in tort (including negligence), contract or otherwise for any loss, damage or injury arising directly or indirectly from any defect in or noncompliance of any Goods or any other breach of the Company's obligations is limited to the lesser of:

- (a) To the price of Goods complained of;
- (b) The cost of repairing or replacing the defective Goods; or
- (c) The actual loss or damage suffered by the Customer.

8.3 Except where statute expressly requires otherwise (and subject to clause 8.5) the Company is not liable in any event for any loss of profits, consequential, indirect or special damage, loss or injury of any kind suffered by the Customer or any other person.

8.4 Subject to clause 8.5 while the Company will make every effort to ensure the accuracy of any advice, recommendation, information, assistance or service provided by the Company in relation to the Goods or their use or application, the Company does not accept any liability or responsibility in response to that advice, recommendation, information, assistance or service.

8.5 If the Customer is a "consumer" under the Consumer Guarantees Act 1993 (Act) the Act will not apply where the Customer acquires or holds itself out as acquiring the Goods for the purposes of a business.

8.6 Where the Customer is acquiring the Goods for the purpose of re-supplying them in trade, the Customer will:

- (a) Include a provision in its terms of sale to the effect that the Act will not apply where a purchaser acquires or holds itself out as acquiring the Goods for the purposes of a business;
- (b) Notify its purchasers of the effect of clause 8.6(a); and
- (c) Indemnify the Company for and against any liabilities, losses, damages, claims, costs or expenses of whatever kind and nature incurred by the Company as a result of the Customer failing to take the action required under this clause 8.6.

9. Breach

9.1 If:

- (a) Any amount payable by the Customer to the Company is overdue, or the Customer fails to meet any other obligation of the Company (whether in relation to the sale of Goods or otherwise) or in the Company's opinion the Customer is likely to be unable to meet its payment or other obligations to the Company; or
- (b) The Customer becomes insolvent, has a receiver appointed in respect of all or some of its assets, makes or is likely to make an arrangement with its creditors or has a liquidator (provisional or otherwise) appointed or is placed under statutory or official management; or



- (c) The ownership or effective control of the Customer is transferred or, in the Company's opinion, the nature of the Customer's business is materially altered; then:
- (i) the Company may cancel any outstanding order with the Customer for all or any part of any contract or contracts with the Customer which remains unperformed, in addition to and without prejudice to its other remedies; and
- (ii) All amounts outstanding under these terms and conditions or any other contract with the Company shall, whether or not due for payment, immediately become due and payable; and
- (iii) The Company may reclaim any Goods in the Customer's possession or control and dispose of them for its own benefit and for that purpose the Company may, without notice enter directly or by its agents on any premises where it believes Goods may be stored, without in any way being liable to any person.

10. Miscellaneous

10.1 The Customer is responsible for disposing, at its own cost, of all materials used in the packaging or delivery of Goods supplied by the Company.

10.2 If at any time the Company does not enforce any of these terms and conditions or grants the Customer time or other indulgence, the Company shall not be construed as having waived that term or condition or its rights to later enforce that or any other term or condition.

10.3 The Customer is to execute documents and do such further acts as may be required by the Company to register the Company's security interest under the PPSA or for any purpose whatsoever.

10.4 These terms will be governed by New Zealand law and the Customer agrees to submit to the exclusive jurisdiction of the New Zealand courts.





Harry Lo <harrykhlo@gmail.com>

Fwd: Window and Door Quote

1 message

Harry Lo <harrykhlo@gmail.com>

Sun, Feb 5, 2023 at 2:31 PM

To: Pentanee Amornkundej <penn.amorn@raylight.co.nz>, Chris Jamieson <chris.jamieson@raylight.co.nz>

Bcc: Sze Ping Jessica Lo <jlee2609@yahoo.com.hk>

Hi Chris and Pentanee,

Thank you for your quotation (Quote No: PA 4471) and cross sections which are enclosed here for your easy reference.

Sorry for my late reply since there were a lot of discussions about the issue going on.

Regarding the cross sections, I wonder if your given cross section A-A is not the one across the awning window sash above the window transom. It is because it seems to be a left-most fixed window or sliding panel instead of a sash (see the description and question on screenshots of the cross section A-A and elevation).

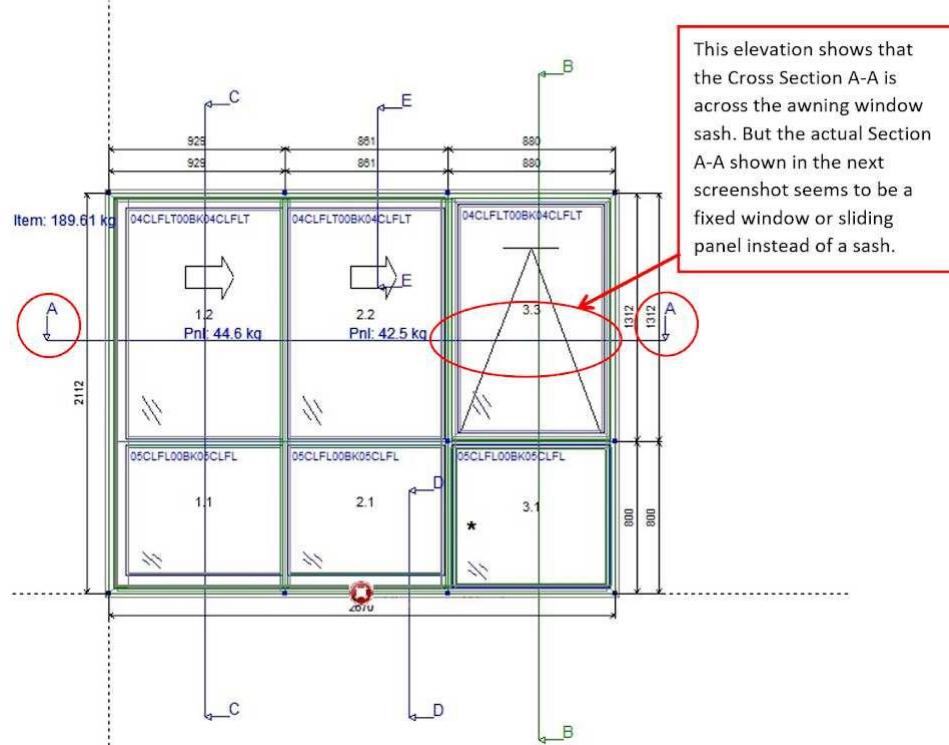
Would you mind clarifying if the cross section A-A is correct or not? Would you mind if I visit you having a chat about the cross sections?

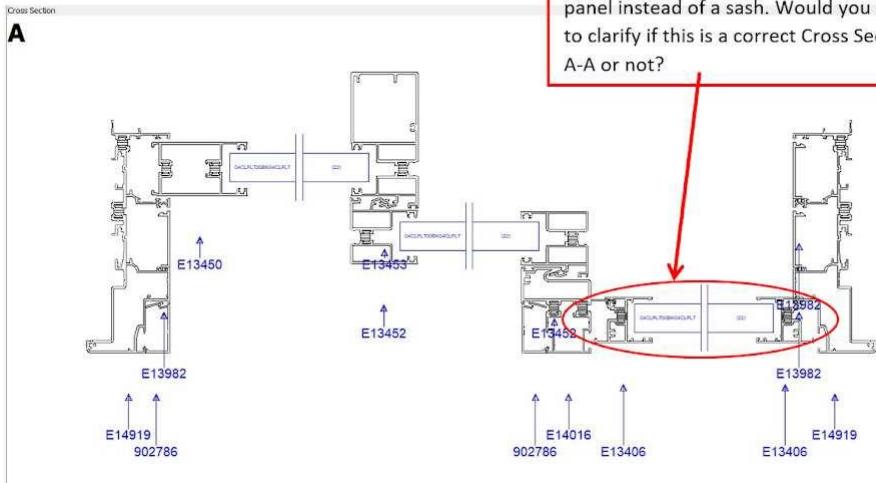
Thank you so much for your kind help.

Kind regards,

Harry

Screenshot 1: Elevation of Sliding Door with marked Section A-A



Screenshot 2: Cross Section A-A

----- Forwarded message -----

From: Pentanee Amornkundej <Penn.Amorn@raylight.co.nz>
Date: Tue, Dec 13, 2022 at 3:17 PM
Subject: RE: Window and Door Quote
To: Harry Lo <harrykhlo@gmail.com>
Cc: Chris Jamieson <Chris.Jamieson@raylight.co.nz>

Hi Harry,

Please see attached pictures for the cross sections of our Thermally broken suite.

I've added Metro Coal Dust Kinetic Matt colour to your quote. I think this one is the same colour as your coal dust.

Let me know if you have any questions or queries.

Thank you

Penn

From: Harry Lo <harrykhlo@gmail.com>
Sent: Saturday, 10 December 2022 7:05 am
To: Pentanee Amornkundej <Penn.Amorn@raylight.co.nz>; Chris Jamieson <Chris.Jamieson@raylight.co.nz>
Subject: Fwd: Window and Door Quote

Hi Chris and Pentanee,

Thank you for your quotation.

Would you mind providing me with the following information?

1. The cross sections of the 7 sliders which show all the aluminium members are thermally broken.
2. Can you provide the 7 sliders with coal dust colour or similar dark colour?

Thank you so much for your help.

Merry Christmas,

Kind regards,

Harry

----- Forwarded message -----

From: Pentanee Amornkundej <Penn.Amorn@raylight.co.nz>
Date: Thu, Nov 24, 2022 at 4:33 PM
Subject: Window and Door Quote
To: harrykhlo@gmail.com <harrykhlo@gmail.com>

Hi Harry,

Please, see attached quotes and schedule for 2 Rapere Street.

There are 2 separate quotes. One for door and another one for window as requested.

Let me know if you have any questions.

Regards,



**NULOOK FABRICATOR
OF THE YEAR 2020**



**NULOOK FABRICATOR
OF THE YEAR 2021**



**NULOOK FABRICATOR
OF THE YEAR 2022**

Penn Amornkundej

Estimator

T 03 366 5637

penn.amorn@raylight.co.nz

Raylight Aluminium Ltd

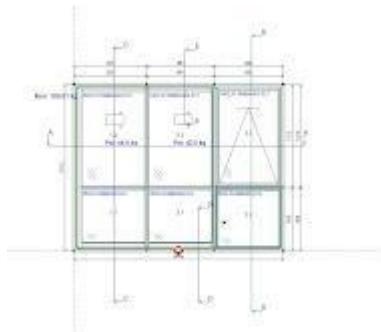
20 Pilkington Way, Wigram, Christchurch 8042

PO Box 9083, Tower Junction, Christchurch 8149

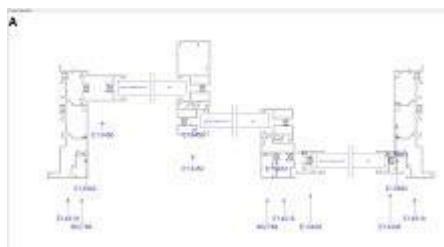
www.raylight.co.nz

www.nulook.co.nz

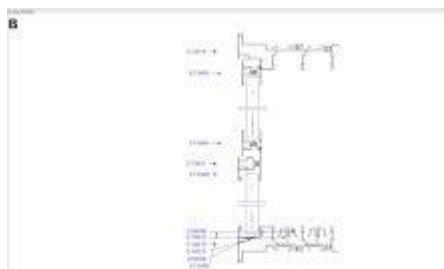
8 attachments



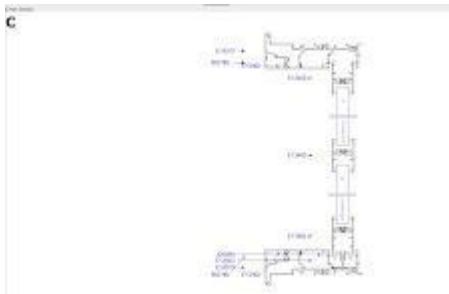
Cross Section.jpg 75K



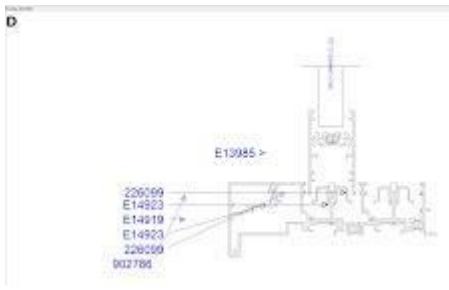
Cross Section A - Stacker .jpg



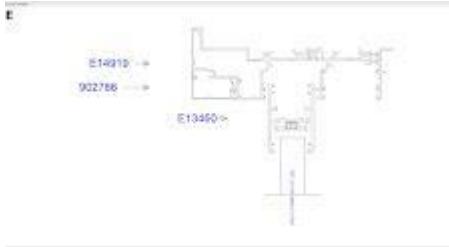
Cross Section B - Stacker .jpg



Cross Section C - Stacker.jpg
52K



Cross Section D - Stacker.jpg
71K



Cross Section E - Stacker.jpg
57K

4471 2 Rapere St_Door Only - Rayligth Cover Letter.pdf
312K

4471 2 Rapere St_Door Only - Rayligth Schedule.pdf
77K

Raylight Aluminium Ltd

20 Pilkington Way Wigram
 Christchurch, 8042
 email: requests@raylight.co.nz
 Phone: (03) 366-5637 E-mail:

Contact :
 Mobile :
 E-mail :

Project Title : **2 Rapere St, Rolleston - Door Only**

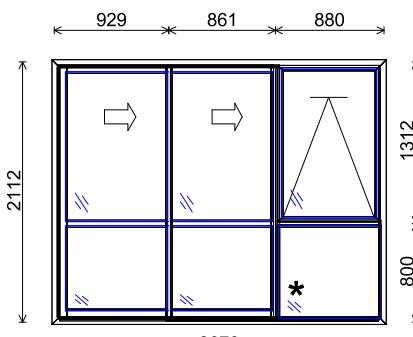
Customer Quote

Site Contact :
 Deliver to : **2 Rapere Street
 Rolleston
 Rolleston**

Mobile :
 Phone :
 Fax :

Items : All

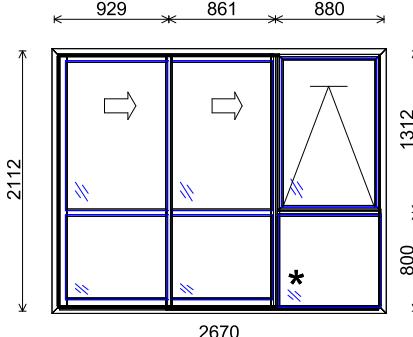
No. of units =7

Item	Description	Quantity
1	<p>D6 Lounge Stacker</p>  <p>SUITE : AllSeasons™ FRAME : Level Step™ FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930) WIND ZONE : High UNIT WEIGHT : 188.11 kg LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL WANZ COMPONENTS : 55mm Support Bar WALL THICKNESS : 222 SILL LINER : 19MM_SILL STK FRAME : FLAT BEADED PANEL : FALSE TRACK_FINISH : AUTO HEIGHT FROM FLOOR : 3</p>	1

1 x Metr Coal Dust K M 21P9221M (930) Aria EDV 81374P N/L Pullx2 COLOURS MEM6200A0F
 1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP LH COLOURS
 1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP RH COLOURS

1.1 * SiteGlazing - Ground Floor (1, 3.1)

1

2	D6 Living Stacker	1
	 <p>SUITE : AllSeasons™ FRAME : Level Step™ FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930) WIND ZONE : High UNIT WEIGHT : 189.61 kg LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL WANZ COMPONENTS : 40mm Support Bar WALL THICKNESS : 210 SILL LINER : 19MM_SILL STK FRAME : FLAT BEADED PANEL : FALSE TRACK_FINISH : AUTO HEIGHT FROM FLOOR : 3</p>	

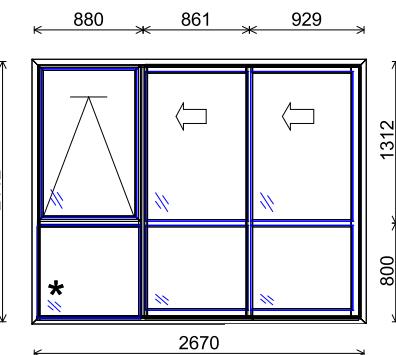
- | | |
|---------------------------------------|---|
| 1 x Metr Coal Dust K M 21P9221M (930) | Aria EDV 81374P N/L Pullx2 COLOURS MEM6200A0F |
| 1 x Metr Coal Dust K M 21P9221M (930) | Malta Helix Seal Fast.LP LH COLOURS |
| 1 x Metr Coal Dust K M 21P9221M (930) | Malta Helix Seal Fast.LP RH COLOURS |

2.1 * SiteGlazing - Ground Floor (2, 3.1)

1

3

D6 Dining Stacker



SUITE : AllSeasons™
FRAME : Level Step™
FLASHING : NO Flashing
TRIM SIZE : 2142mm x 2700mm
FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930)

WIND ZONE : High
UNIT WEIGHT : 188.21 kg
LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut
GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL
WANZ COMPONENTS : 55mm Support Bar
WALL THICKNESS : 222
SILL LINER : 19MM_SILL
STK FRAME : FLAT
BEADED PANEL : FALSE
TRACK_FINISH : AUTO
HEIGHT FROM FLOOR : 3

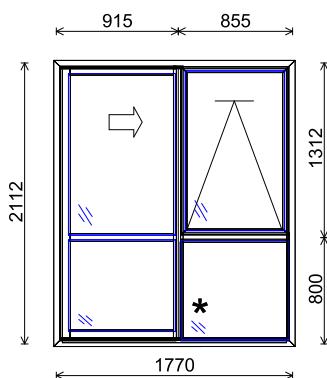
- | | |
|---------------------------------------|---|
| 1 x Metr Coal Dust K M 21P9221M (930) | Aria EDV 81374P N/L Pullx2 COLOURS MEM6200A0F |
| 1 x Metr Coal Dust K M 21P9221M (930) | Malta Helix Seal Fast.LP LH COLOURS |
| 1 x Metr Coal Dust K M 21P9221M (930) | Malta Helix Seal Fast.LP RH COLOURS |

3.1 * SiteGlazing - Ground Floor (3, 1.1)

1

4

D5 Bed 3 Slider



SUITE : AllSeasons™
FRAME : Level Step™
FLASHING : NO Flashing
TRIM SIZE : 2142mm x 1800mm
FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930)

WIND ZONE : High
UNIT WEIGHT : 102.38 kg
LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut
GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL
WANZ COMPONENTS : 55mm Support Bar
WALL THICKNESS : 172
SILL LINER : 19MM_SILL
SL FRAME : FLAT
BEADED PANEL : FALSE
TRACK_FINISH : AUTO
HEIGHT FROM FLOOR : 3

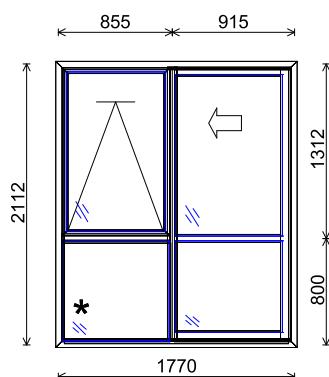
- | | |
|---------------------------------------|---|
| 1 x Metr Coal Dust K M 21P9221M (930) | Aria EDV 81374P N/L Pullx2 COLOURS MEM6200A0F |
| 1 x Metr Coal Dust K M 21P9221M (930) | Malta Helix Seal Fast.LP LH COLOURS |
| 1 x Metr Coal Dust K M 21P9221M (930) | Malta Helix Seal Fast.LP RH COLOURS |

4.1 * SiteGlazing - Ground Floor (4, 2.1)

1

5

D4 Bedroom 2 Slider



SUITE : AllSeasons™ **FLASHING :** NO Flashing

FRAME : Level Step™ **TRIM SIZE :** 2142mm x 1800mm

FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930)

WIND ZONE : High

UNIT WEIGHT : 102.38 kg

LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut

GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL

WANZ COMPONENTS : 55mm Support Bar

WALL THICKNESS : 172

SILL LINER : 19MM_SILL

SL FRAME : FLAT

BEADED PANEL : FALSE

TRACK_FINISH : AUTO

HEIGHT FROM FLOOR : 3

1 x Metr Coal Dust K M 21P9221M (930) Aria EDV 81374P N/L Pullx2 COLOURS MEM6200AOF

1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP LH COLOURS

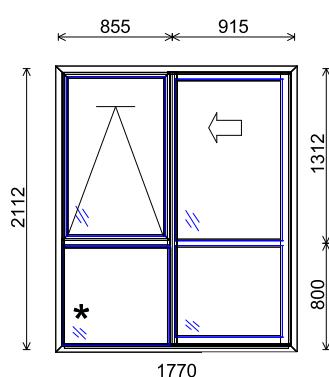
1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP RH COLOURS

5.1 * SiteGlazing - Ground Floor (5, 1.1)

1

6

D3 Master Bedroom Slider



SUITE : AllSeasons™ **FLASHING :** NO Flashing

FRAME : Level Step™ **TRIM SIZE :** 2142mm x 1800mm

FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930)

WIND ZONE : High

UNIT WEIGHT : 102.38 kg

LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut

GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL

WANZ COMPONENTS : 55mm Support Bar

WALL THICKNESS : 172

SILL LINER : 19MM_SILL

SL FRAME : FLAT

BEADED PANEL : FALSE

TRACK_FINISH : AUTO

HEIGHT FROM FLOOR : 3

1 x Metr Coal Dust K M 21P9221M (930) Aria EDV 81374P N/L Pullx2 COLOURS MEM6200AOF

1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP LH COLOURS

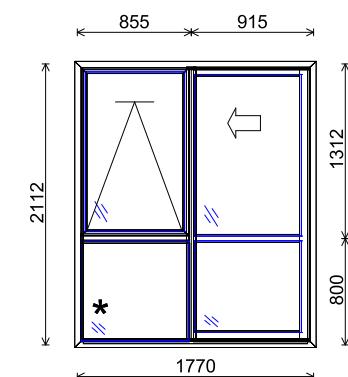
1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP RH COLOURS

6.1 * SiteGlazing - Ground Floor (6, 1.1)

1

7

D4 Bed 4 Slider



SUITE : AllSeasons™
FRAME : Level Step™
FLASHING : NO Flashing
TRIM SIZE : 2142mm x 1800mm
FRAME COLOUR : METRO COALDUST K M 21P9221M DP (930)
WIND ZONE : High **UNIT WEIGHT :** 102.38 kg
LINER : H3 Paint Quality Pine 25mm Rebated Outside Grooved Mitre Cut
GLASS : 04CLFLT16BK04CLFLT, 05CLFL14BK05CLFL
WANZ COMPONENTS : 55mm Support Bar
WALL THICKNESS : 172
SILL LINER : 19MM_SILL
SL FRAME : FLAT
BEADED PANEL : FALSE
TRACK_FINISH : AUTO
HEIGHT FROM FLOOR : 3

1 x Metr Coal Dust K M 21P9221M (930) Aria EDV 81374P N/L Pullx2 COLOURS MEM6200A0F
 1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP LH COLOURS
 1 x Metr Coal Dust K M 21P9221M (930) Malta Helix Seal Fast.LP RH COLOURS

7.1 * SiteGlazing - Ground Floor (7, 1.1)

1

8 Delivery

1

Quote Comments :

Number of Units = 7

Supply Only

EXCLUDES ALL SCAFFOLD, WANZ COMPONENTS AND FLASHINGS UNLESS STATED OTHERWISE.
 ALL WINDOW DIMENSIONS SHOWN ARE TO BOX SIZE. TRIM SIZES ARE SHOWN ON RHS OF PAGE
 This quotation is provided under the terms of the CCA

I hereby accept this quote for aluminium joinery as detailed above. I agree that the joinery is supplied on the Terms and Conditions of Sale which accompany this quote and that these Terms and Conditions of Sale will form the basis of the contract for supply between you and us. I also agree to settle my account in full or by prior arrangement.

Signed : _____ Dated : ____ / ____ / ____

All Units are viewed from the outside.

This quotation is valid until 20 December 2022

Windows Estimate

HARRY LO

Harry Lo & Jessica Lee Residence - Door Only
2 Rapere Street , Rolleston
Rolleston

Quote No: PA 4471



Date: 13-Dec-2022

**Please NB - In lieu of any specifications provided, we have only allowed for products/specs specifically listed within this estimation.
Please check carefully prior to acceptance.**

Estimation to supply Aluminium Joinery as per the attached schedule and plans supplied dated 12/04/2022.

Estimation includes: 7 units

- > Nulook Windows & Doors - **AllSeasons™ Thermally Broken Suite**
- > Standard Group 1 Dulux Duralloy Plus Powdercoat finish (**Metro Coal Dust Kinetic Matt**). (Other colours may include a surcharge)
- > ASSA ABLOY Residential Range Standard Colour Hardware. Hinged doors with key/turn locks and Sliders with snib inside only
- > **Clear Double Glazed** with Grade A toughened safety glass *as and where required* by NZS:4223 2016 P3 only
- > **No allowance for any Glazing upgrades including Low-E, Argon Gas, Tint, Acoustic Rated glass or other unless specifically noted within this Estimate. Please check prior to acceptance**
- > 25mm PPFJ H3 Treated Pine Reveals (Groove finish)

Note: All reveals for Architraved finish are supplied with a groove unless requested otherwise
- > Delivery to Site (allowed for full delivery only - split delivery requests may incur additional charges)
- > Site Glazing included to all items over 70kgs. (Indicated with * on Window Schedule).
- > Standard Extruded Aluminium Head Flashings included to D6 Living Stacker Only. No other flashing allowed for.
- > WANZ Support Bars included to all windows and doors.

Note: No allowance for additional support if required for heavier items, this is the builders responsibility to source/install
- > No allowance for WANZ Support Bar Covers. Please discuss requirements prior to ordering
- > No allowance for any sill cover flashings for units rebated into polished concrete
- > Design Wind Zone: HIGH (please confirm)
- > External Windows and Doors Quoted R-Value (ref H1 Table E1.1.1): **R0.32**

NOTE: External Window and Doors require a Minimum Thermal Performance of R0.37 from 3rd Nov 2022, and R0.50 from 1st May 2023. (Current minimum is R0.26)

Please see adjacent table and contact us to discuss your options

Frame/Glass Combination Thermal Performance	CLEAR/air/CLEAR Double Glazed	CLEAR/argon/LOW-E (u1.1) Double Glazed
STD ALUMINIUM Tasman35™ / Pacific41™	R0.26	R0.37
THERMALLY BROKEN AllSeasons™	R0.32	R0.50

Subtotal	\$	25,610.00
GST	\$	3,841.50
Total including GST	\$	29,451.50

50% Deposit Required for non Trade Account Customers (upon confirmation of final options & price)

Optional Extras:	Rate exc GST	Required
		Y / N

Yours faithfully
Raylight Aluminum Ltd

Note : This Estimation is valid for 30 days from the above date, thereafter, subject to confirmation

I fully understand, and hereby accept this estimation for Aluminium Joinery as detailed above.
I agree to settle my account in full upon completion or as per agreed terms.

Name: _____	Contact Ph: _____
Signed: _____	Date: _____

HARRY LO
Harry Lo & Jessica Lee Residence - Door Only
2 Rapere Street , Rolleston
Rolleston

Quote No: PA 4471



Date: 13-Dec-2022

Please Note:

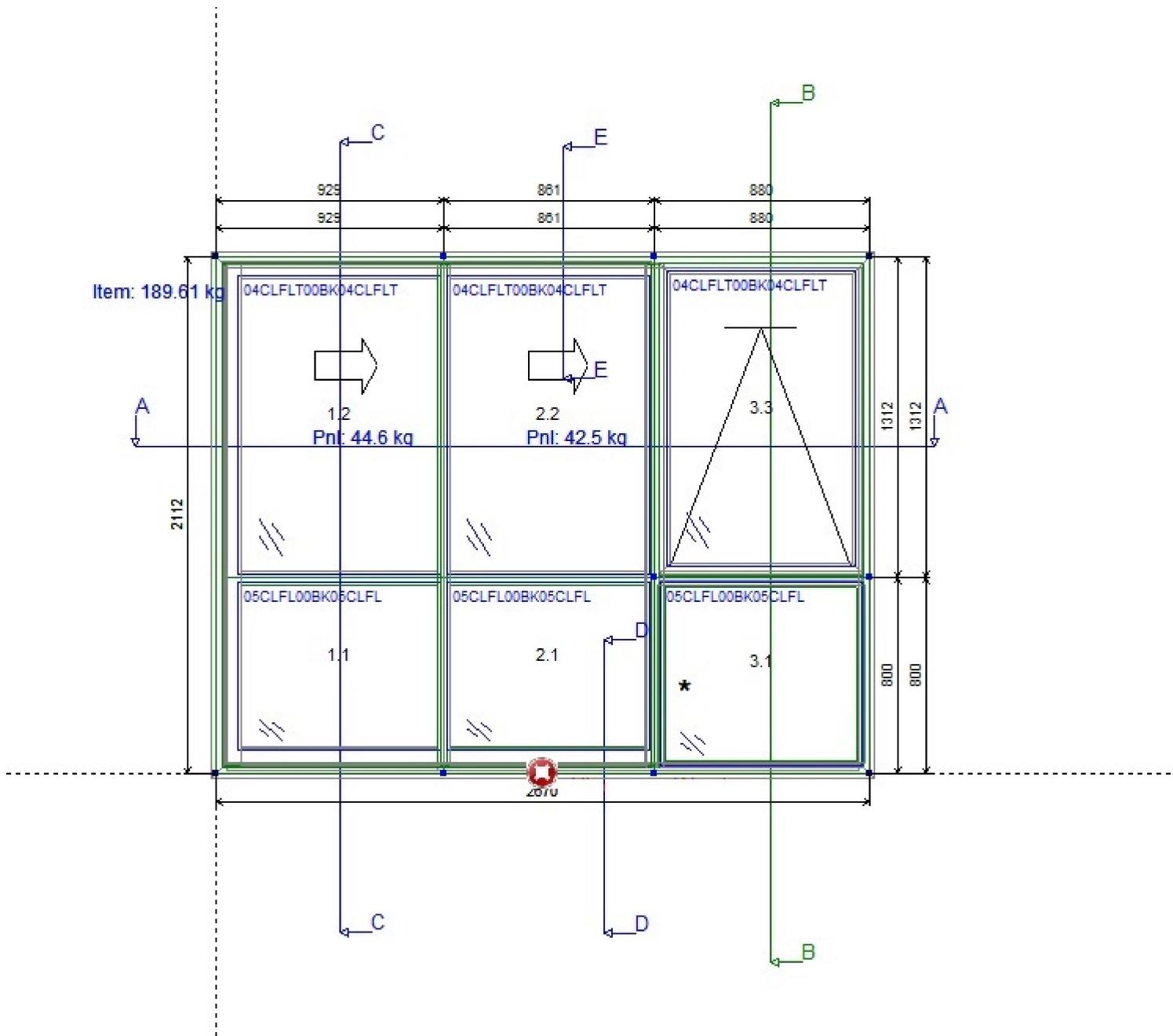
- 5 Year Warranty on all Window and Door Manufacture will be provided upon full and complete payment of all invoices. Please note warranty does not cover non-conforming openings by other trades.
- 10 Year Warranty on Double Glazing
- 15 Year Warranty on Powdercoating (Dulux Duralloy Plus range)
- To meet Warranty conditions, all items must be installed to a minimum standard of WANZ WIS
- This Estimate is provided under the terms of the CCA 2002.
- Glazing to NZS: 4223, B1/AS1 Amendment 11 only. Unless noted otherwise in Estimate.
- Site Glazing included only where deemed necessary by Raylight Aluminium Ltd. Additional Site Glazing Requested will incur additional cost
- Please note: Thermal Stress breakage to any glass is not covered by warrantee. Thermal breakage can be caused by a wide variety of factors outside of our control and therefore will not be covered by this contract.
- No allowance for Glazing manifestation or the supply and application of film to glazing.
- No allowance is included for final clean of joinery including removal of glass stickers etc.
- No allowance for on-site protection to aluminium frames or glass.
- Raylight Aluminium accepts no liability for Scratches/Marks to Aluminium or Glass not identified and notified at time of delivery.
- Head Flashings (where included) allowed as extruded head flashings powder-coated to frame colour
- Additional Custom Flashings & Extrusions will be priced as required on site.
- No allowance for shop drawings unless otherwise stated. Lead time for these is 6 weeks and materials will not be ordered until the shop drawings have been approved.
- Estimate is subject to a re-cost at time of acceptance, and again once a site measure has been completed.
- Allowances for 1 x Site Measure/Admin trip to site, and 1 x Delivery trip to site – Unless stated otherwise.
- No allowance has been made for traffic management.
- Progress Claims may be submitted if Multiple Deliveries are requested.
- Delivery dates are to be confirmed by mutual agreement.
- No allowance for retentions, delay costs liquidated damages or any other form of indirect or consequential loss.
- Raylight excludes any liability for Architectural Errors, Omissions, or other Shortcomings in Plans or Drawings
- We have assumed that unrestricted access will be available to all areas during normal working hours scheduled. No allowance is made for overtime rates due to unforeseen difficulties or time delays caused by other trades or customer supplied goods not being available.

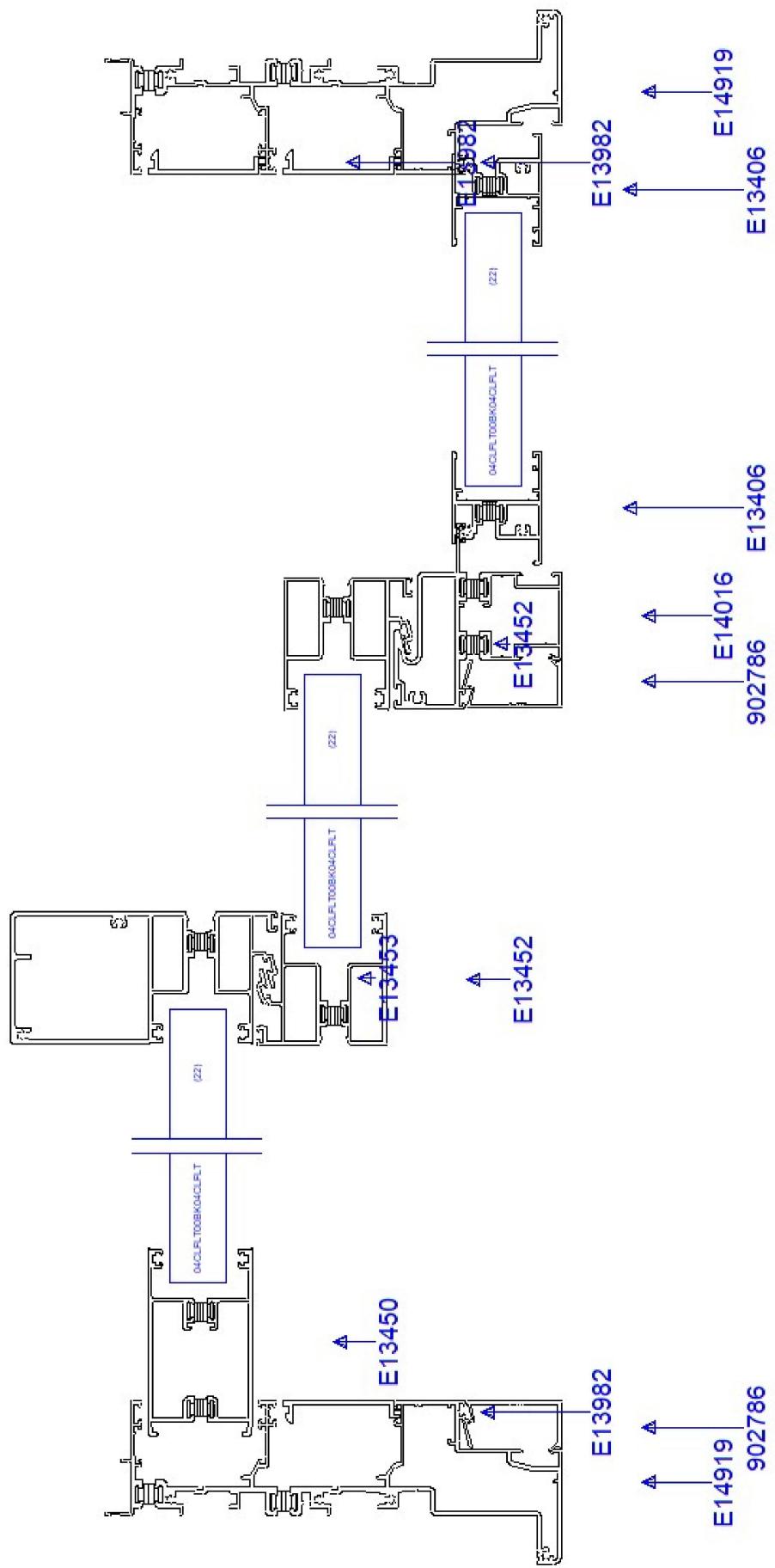
Raylight is experiencing extended lead times and a potential increase in out of stock items on selected components owing to COVID related supply chain disruptions. Please check with Raylight Aluminium to confirm affected lead times and availability before placing an order.

Please note that this quotation is submitted on the basis that all terms, tags and exclusions apply and along with our terms and Conditions of sale will form part of any construction subcontract as additional documents in the subcontract specific conditions.

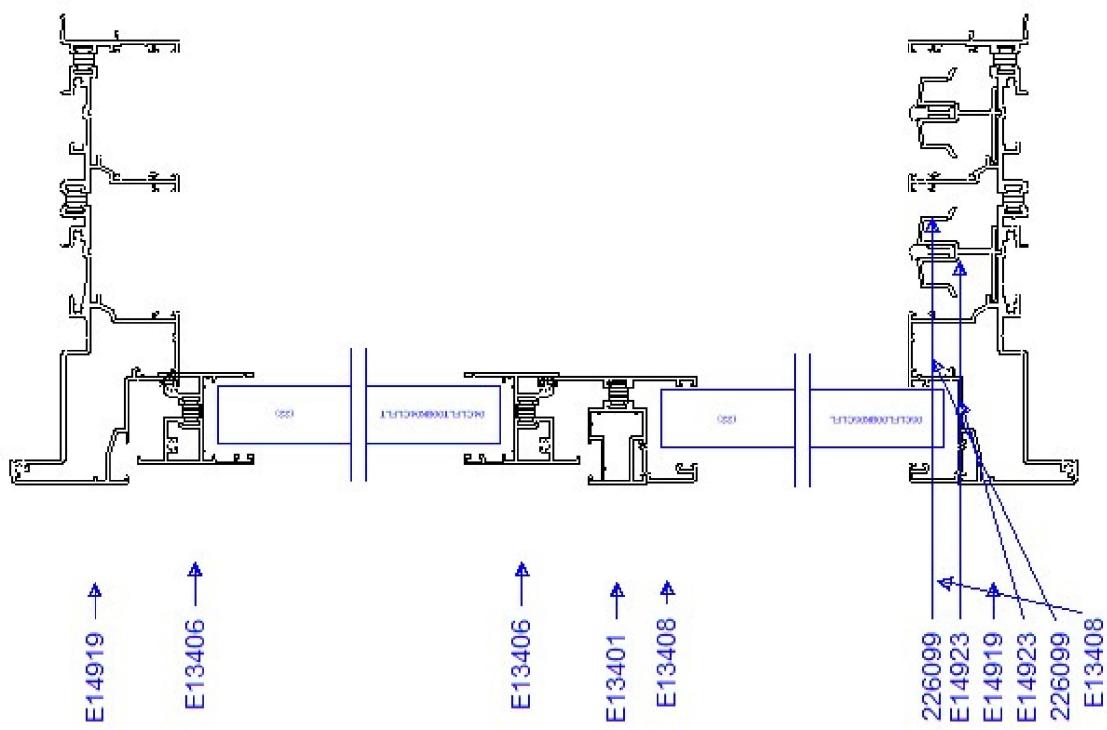
All of the conditions and appendices contained in this submission shall form part of our tender and be incorporated in the Contract Documents.



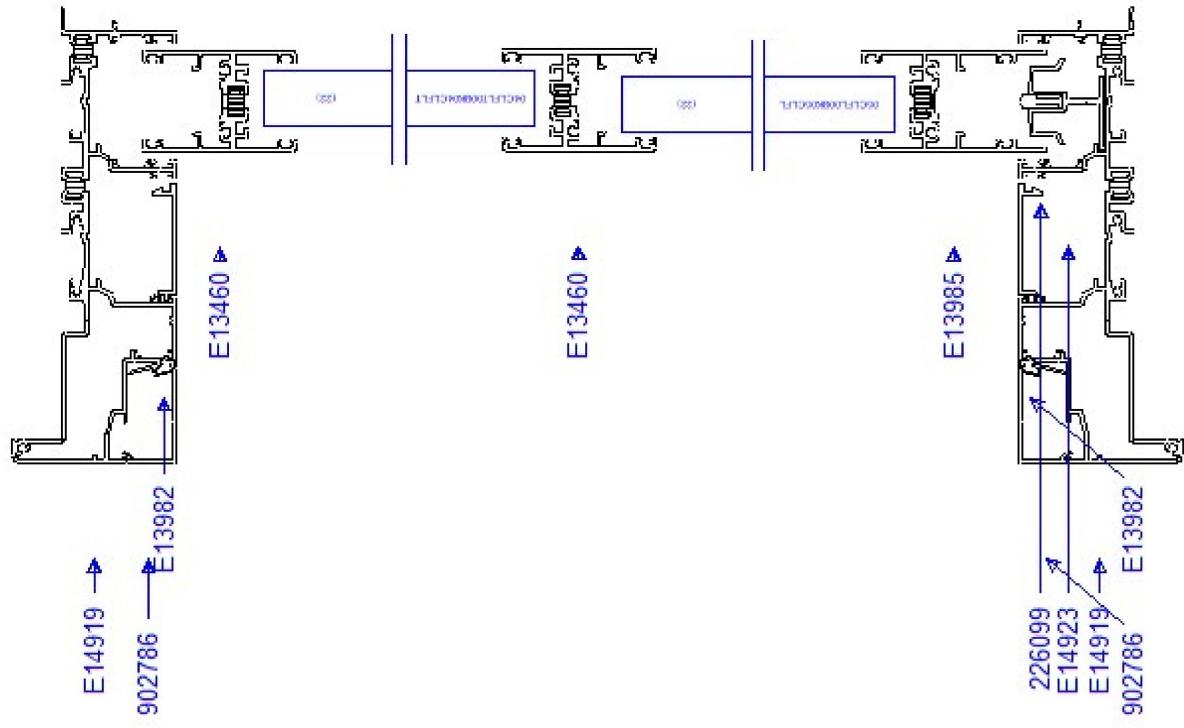




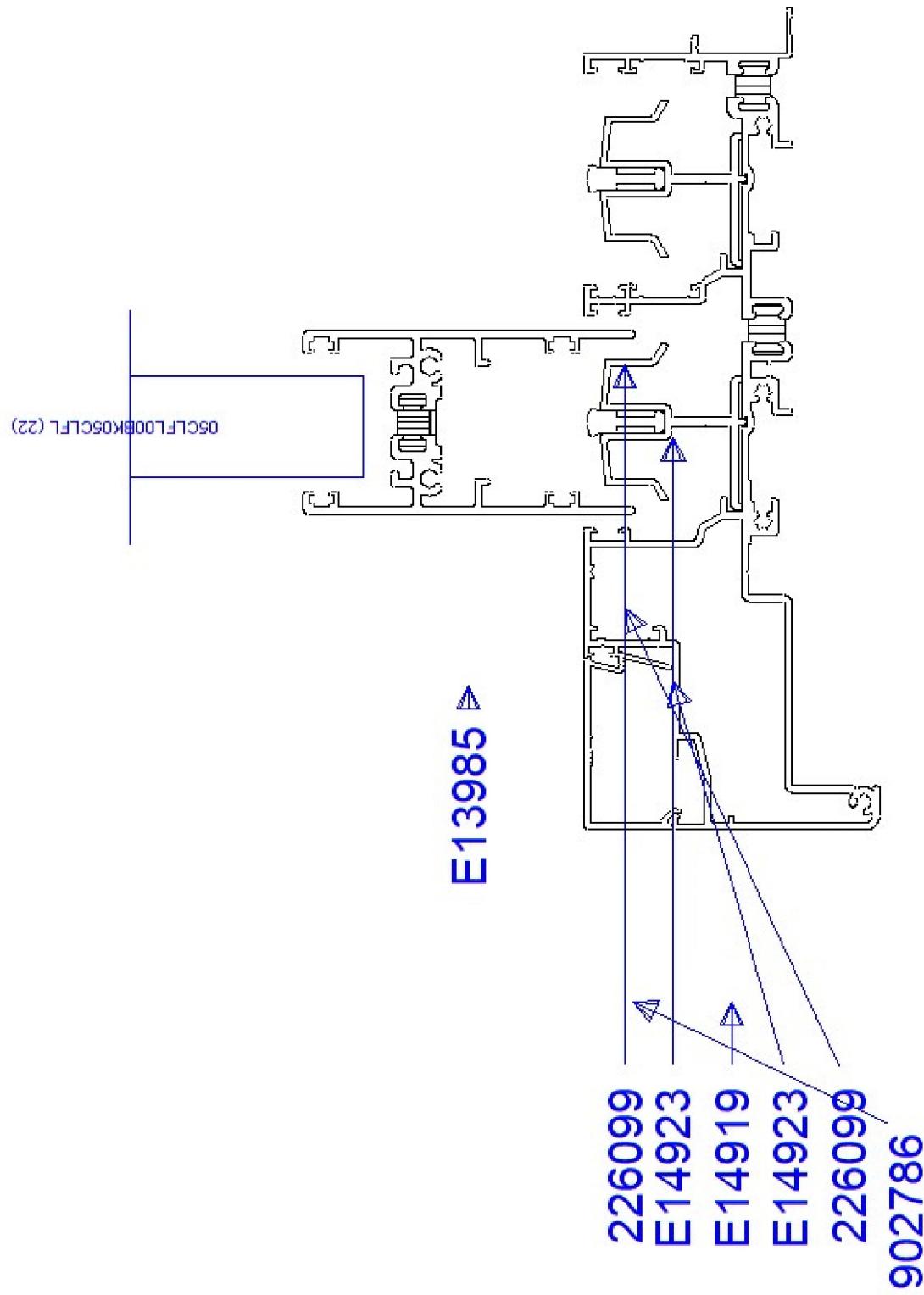
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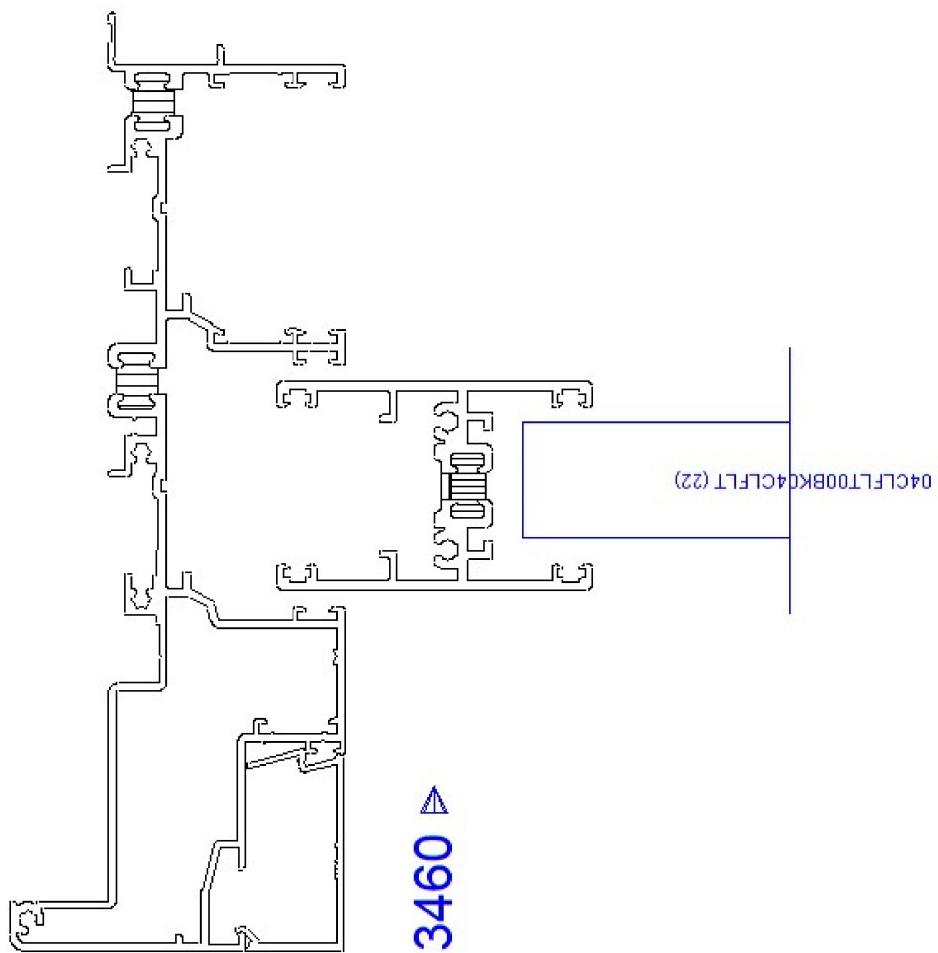


E

E14919 →

902786 →

E13460 ▶





Harry Lo <harrykhlo@gmail.com>

NK Windows Q5991 - 2 Rapere St

1 message

NK Windows <info@nkwindows.co.nz>
To: harrykhlo@gmail.com

Thu, Jan 26, 2023 at 11:47 AM

Hi Harry,

Thank you for the opportunity to quote some nice warm windows and doors for your home!

Attached below is our quote for a total of 7 doors, in our standard Anthracite Grey entrance/French doors and smart-slider frames. Included in the total is delivery to site by NK Windows.

As options we have offered two alternatives to further improve the thermal performance of the glass, which we strongly recommend. Also as options is the upgrade from Anthracite Grey to Black colour, and the cost for NK to install the doors.

Have a look and let me know what you think! Please feel free to email or call if you have any questions. There are a couple ways to make this quote cheaper, if you would like to go through these we can meet again in the showroom.

Thanks,
Tani
Renovation Sales Representative

NK Windows
17 Hammersmith Drive
Wigram
Christchurch 8042

Phone: 03 344 3126

Email: info@nkwindows.co.nz
www.nkwindows.co.nz

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[Q5991_QUOTE_Lo.pdf](#)
463K

Client Quote

Client: Harry Lo
Phone: 021 0282 4346
Email: harrykhlo@gmail.com
Project: 2 Rapere Street, Rolleston

Project: Q5991 - Lo / Date: 26/01/2023

We appreciate the opportunity to provide you with a quote for NK Windows uPVC Joinery. We hope this quote meets your requirements, but if you want any changes or have any questions please get in contact.

This quote includes:

- Aluplast uPVC joinery, with BRANZ approval (Appraisal No. 1005 August 2019)
- Joinery Colour **Two Sided Foil - Anthracite Interior / Anthracite Exterior**. Imported from Germany, 5-6 months lead time. See Upgrades for other colour options
- Multi-point locking hardware, with galvanized steel reinforcement and double EPDM rubber seals
- 24mm double glazing with warm edge spacer
- Safety and obscure glass where specified
- 25/140mm Primed Pine internal reveals
- Final detailed site measure
- Delivery to Site
- One free service call

This quote does not include:

- Removal and disposal of existing windows
- Installation Labour & Materials as required (Builder to complete install)
- Glass thermal performance upgrades – see Upgrade Options
- Architraves
- Stopping or painting of any timber components (architraves, reveals/liners, mouldings, scribes, facings etc.)
- Any additional construction work required, that is discovered after removal of existing windows

Quotation Notes:

- The following are typical complete Window R Values for our uPVC frames:

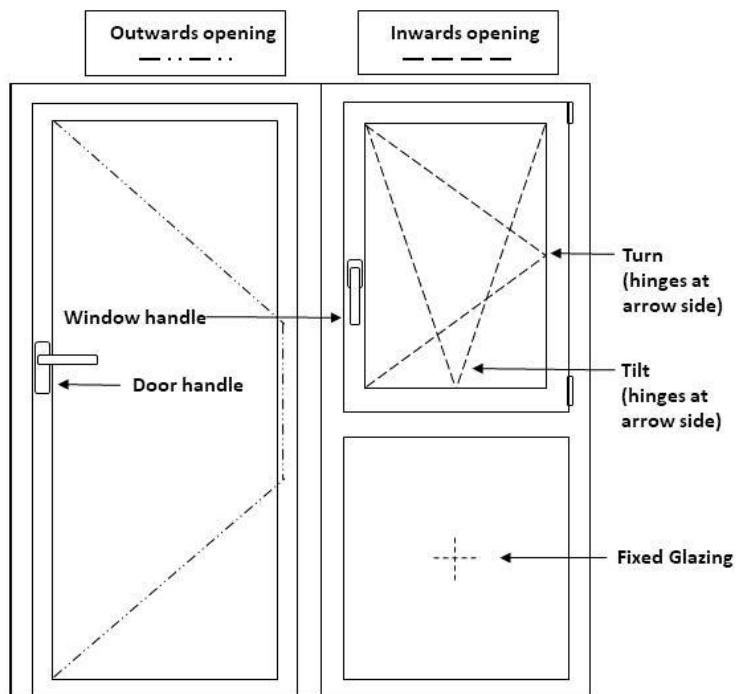
Glazing	Low E Coating	Argon Gas	R Value
Double	None	No	0.39
Double	EnergySaver	No	0.56
Double	LightBridge	Yes	0.77
Triple	LightBridge	Yes	1.04

Notes:

- Window R values are based on DIN EN 10077-1
- See the Upgrade Options at the end of the quote for pricing
- We recommend double glazing with LightBridge to achieve a comfortable living standard

- Please note the Upgrade Options at the end of the quote. These are not included in the total
- This quote is valid for 90 days
- Orders under \$7,500 +GST will incur a Small Job Fee of \$425 +GST, when NK Windows is carrying out the installation
- Please refer to the following Key to interpret the individual item drawings in the quote:

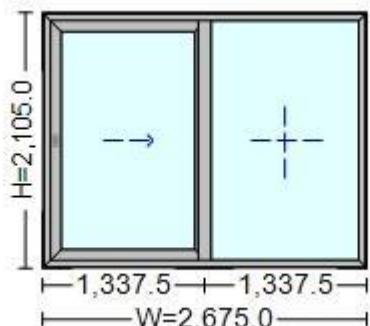
KEY



- All windows are shown as viewed from the outside. Please note the opening style on the quote
- Images of handles and hinges are to indicate opening sides and are not representative of the finished product.

001 - Lounge

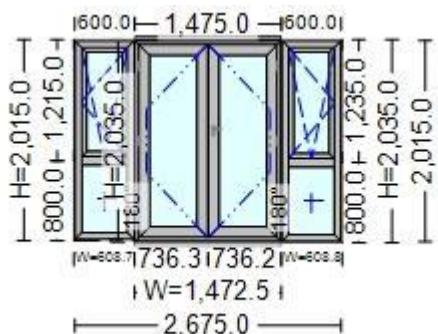
Size:	2,675.0 mm x 2,105.0 mm
Profile System:	Smart Slide System / Special Foil
Frame:	Frame 56x140mm (CL) with Flange 30mm / Special Foil, Frame 56x140 mm (CL) - Top usage with Flange 30mm / Special Foil
Sash:	Sliding Sash 97mm (CL) / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine
Fittings:	Roto Patio Inowa
Glass:	4 Clear Tough out - 4 Clear Tough in (24.0 mm), 4 Clear Tough out - 5 Clear Tough in (24.0 mm)
Architrave:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation holes:	TBD
Support Bars:	19mm WANZ Bar
Support Bars Add-On:	None
Tapes:	No
Gear:	No Key - Handle Inside Only
Handle:	Roto Alversa with Flush Pull Outside
Handle Colour Inside:	Silver
Handle Colour Outside:	Silver
Cylinder:	N/A


Computed Values

Unit Price			7,830.16	\$
Quantity			1	pcs
Value			7,830.16	\$

002 - Living

Size:	608.8 mm x 2,015.0 mm, 1,472.5 mm x 2,035.0 mm, 608.7 mm x 2,035.0 mm
Profile System:	Ideal 4000 Classic Line System 70 mm / Special Foil
Frame:	Frame 70 mm / Special Foil, Frame 70 mm 5c. (Flange + 30 / IN) / Special Foil
Sash:	Window Sash Z 77 mm / Special Foil, Door Sash T 105 mm / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine, Connecting section 30 mm [T / NT] / Special Foil, H-coupling 2.5 mm medium (23 x 78 mm) for 70 mm construction depth [T / NT] / Special Foil
Fittings:	MACO Multi-Matic Hardware
Glass:	5 Clear out - 5 Clear in (24.0 mm), 4 Clear Tough out - 4 Clear Tough in (24.0 mm)
Architraves:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation hole:	TBD
Support Bars:	19mm WANZ Bar
Tapes:	No
Handle:	MACO Harmony Key Entry, MACO Harmony Tilt & Turn
Handle Colour:	Silver
Hinge Colour:	Anthracite Grey, Silver
Restrictor:	No
Gear:	Key Entry - Handle both sides (BTV)
Hinge:	M-Tech II
Cylinder :	Key to Thumbwheel
Door Extras:	None



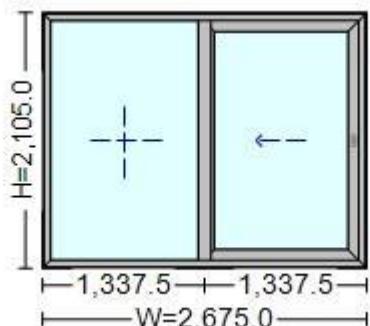
Viewed from outside. Opens inwards, outwards.

Computed Values

Unit Price			7,569.92 \$
Quantity			1 pcs
Value			7,569.92 \$

003 - Dining

Size:	2,675.0 mm x 2,105.0 mm
Profile System:	Smart Slide System / Special Foil
Frame:	Frame 56x140mm (CL) with Flange 30mm / Special Foil, Frame 56x140 mm (CL) - Top usage with Flange 30mm / Special Foil
Sash:	Sliding Sash 97mm (CL) / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine
Fittings:	Roto Patio Inowa
Glass:	4 Clear Tough out - 5 Clear Tough in (24.0 mm), 4 Clear Tough out - 4 Clear Tough in (24.0 mm)
Architrave:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation holes:	TBD
Support Bars:	19mm WANZ Bar
Support Bars Add-On:	None
Tapes:	No
Gear:	No Key - Handle Inside Only
Handle:	Roto Alversa with Flush Pull Outside
Handle Colour Inside:	Silver
Handle Colour Outside:	Silver
Cylinder:	N/A



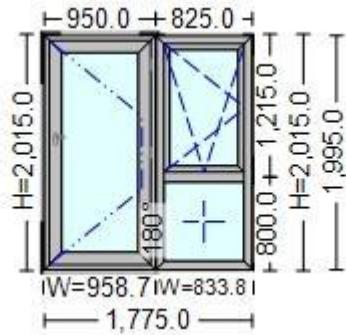
Viewed from outside.

Computed Values

Unit Price			7,830.16	\$
Quantity			1	pcs
Value			7,830.16	\$

004 - Bedroom 3

Size:	958.7 mm x 2,015.0 mm, 833.7 mm x 2,015.0 mm
Profile System:	Ideal 4000 Classic Line System 70 mm / Special Foil
Frame:	Frame 70 mm / Special Foil, Frame 70 mm 5c. (Flange + 30 / OUT) / Special Foil, Frame 70 mm 5c. (Flange + 30 / IN) / Special Foil
Sash:	Door Sash T 105 mm / Special Foil, Window Sash Z 77 mm / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine, H-coupling 2.5 mm medium (23 x 78 mm) for 70 mm construction depth [T / NT] / Special Foil
Fittings:	MACO Multi-Matic Hardware
Glass:	4 Clear Tough out - 4 Clear Tough in (24.0 mm), 5 Clear out - 5 Clear in (24.0 mm)
Architraves:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation hole:	TBD
Support Bars:	19mm WANZ Bar
Tapes:	No
Gear:	Key Entry - Handle both sides (GTS)
Handle:	MACO Harmony Tilt & Turn, MACO Harmony Key Entry
Handle Colour:	Silver
Hinge:	M-Tech II
Hinge Colour:	Silver, Anthracite Grey
Cylinder:	Key to Thumbwheel
Door Extras:	None
Restrictor:	No



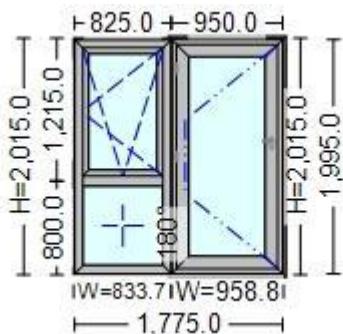
Viewed from outside. Opens inwards, outwards.

Computed Values

Unit Price			4,608.64	\$
Quantity			1	pcs
Value			4,608.64	\$

005 - Bed 2

Size:	958.8 mm x 2,015.0 mm, 833.7 mm x 2,015.0 mm
Profile System:	Ideal 4000 Classic Line System 70 mm / Special Foil
Frame:	Frame 70 mm 5c. (Flange + 30 / OUT) / Special Foil, Frame 70 mm / Special Foil, Frame 70 mm 5c. (Flange + 30 / IN) / Special Foil
Sash:	Door Sash T 105 mm / Special Foil, Window Sash Z 77 mm / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine, H-coupling 2.5 mm medium (23 x 78 mm) for 70 mm construction depth [T / NT] / Special Foil
Fittings:	MACO Multi-Matic Hardware
Glass:	4 Clear Tough out - 4 Clear Tough in (24.0 mm), 5 Clear out - 5 Clear in (24.0 mm)
Architraves:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation hole:	TBD
Support Bars:	19mm WANZ Bar
Tapes:	No
Gear:	Key Entry - Handle both sides (GTS)
Handle:	MACO Harmony Tilt & Turn, MACO Harmony Key Entry
Handle Colour:	Silver
Hinge:	M-Tech II
Hinge Colour:	Silver, Anthracite Grey
Cylinder:	Key to Thumbwheel
Door Extras:	None
Restrictor:	No



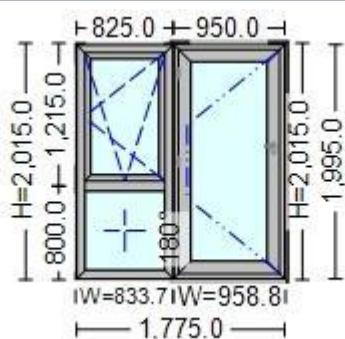
Viewed from outside. Opens inwards, outwards.

Computed Values

Unit Price			4,608.64	\$
Quantity			1	pcs
Value			4,608.64	\$

006 - Master Bedroom

Size:	958.8 mm x 2,015.0 mm, 833.7 mm x 2,015.0 mm
Profile System:	Ideal 4000 Classic Line System 70 mm / Special Foil
Frame:	Frame 70 mm 5c. (Flange + 30 / OUT) / Special Foil, Frame 70 mm / Special Foil, Frame 70 mm 5c. (Flange + 30 / IN) / Special Foil
Sash:	Door Sash T 105 mm / Special Foil, Window Sash Z 77 mm / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine, H-coupling 2.5 mm medium (23 x 78 mm) for 70 mm construction depth [T / NT] / Special Foil
Fittings:	MACO Multi-Matic Hardware
Glass:	4 Clear Tough out - 4 Clear Tough in (24.0 mm), 5 Clear out - 5 Clear in (24.0 mm)
Architraves:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation hole:	TBD
Support Bars:	19mm WANZ Bar
Tapes:	No
Gear:	Key Entry - Handle both sides (GTS)
Handle:	MACO Harmony Tilt & Turn, MACO Harmony Key Entry
Handle Colour:	Silver
Hinge:	M-Tech II
Hinge Colour:	Silver, Anthracite Grey
Cylinder:	Key to Thumbwheel
Door Extras:	None
Restrictor:	No



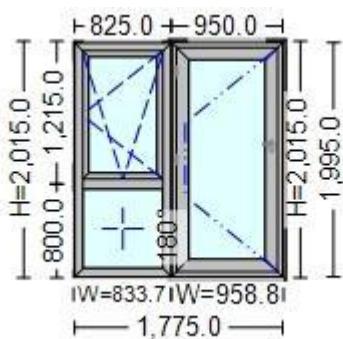
Viewed from outside. Opens inwards, outwards.

Computed Values

Unit Price			4,608.64	\$
Quantity			1	pcs
Value			4,608.64	\$

007 - Bedroom 4

Size:	958.8 mm x 2,015.0 mm, 833.7 mm x 2,015.0 mm
Profile System:	Ideal 4000 Classic Line System 70 mm / Special Foil
Frame:	Frame 70 mm 5c. (Flange + 30 / OUT) / Special Foil, Frame 70 mm / Special Foil, Frame 70 mm 5c. (Flange + 30 / IN) / Special Foil
Sash:	Door Sash T 105 mm / Special Foil, Window Sash Z 77 mm / Special Foil
Extra:	Reveal - Primed Pine 25/140mm / Primed Pine, H-coupling 2.5 mm medium (23 x 78 mm) for 70 mm construction depth [T / NT] / Special Foil
Fittings:	MACO Multi-Matic Hardware
Glass:	4 Clear Tough out - 4 Clear Tough in (24.0 mm), 5 Clear out - 5 Clear in (24.0 mm)
Architraves:	None
Add-ons Cill:	None
Additional Timbers:	None
Installation hole:	TBD
Support Bars:	19mm WANZ Bar
Tapes:	No
Gear:	Key Entry - Handle both sides (GTS)
Handle:	MACO Harmony Tilt & Turn, MACO Harmony Key Entry
Handle Colour:	Silver
Hinge:	M-Tech II
Hinge Colour:	Silver, Anthracite Grey
Cylinder:	Key to Thumbwheel
Door Extras:	None
Restrictor:	No



Viewed from outside. Opens inwards, outwards.

Computed Values

Unit Price			4,608.64	\$
Quantity			1	pcs
Value			4,608.64	\$

1	004	Delivery - NK	1	pcs		567.40	\$
2	010	Final Measure	1	pcs		210.00	\$
3	015	Site Glazing - NK - all items	1	pcs		1,702.83	\$
4	A53	Aluminium Support Bar Packer 20x20x1.5mm in M	16	pcs		320.00	\$
5	M07	Fixing Screws per 100	2	pcs		80.00	\$
Total						2,880.23	\$

Quote Total		
Joinery		41,664.82
Services		2,880.23
Value		44,545.05
Goods & Services Tax		6,681.76
Quote Total		51,226.81

Upgrade Options (additional cost)

Select	Upgrade Option	Excl. GST	Incl. GST	Additional Information
Yes / No	EnergySaver – Entry level single layer Low Emissivity coating, no Argon gas	\$720.61	\$828.70	<u>Price includes all items.</u> See link below for detailed information on glass thermal performance upgrades.
Yes / No	LightBridge – Standard single layer Low Emissivity coating, single cavity Argon gas.	\$1,416.36	\$1,628.81	
Yes / No	Special foil Interior and Exterior [Black / Black]	\$1,500.00	\$1,725.00	Imported from Germany, 5-6 months lead time
Yes / No	Installation of frames - including air seal, interior & exterior finishing. (Builder to complete all finishing work)	\$3,652.27	\$4,200.11	

Glass Thermal Performance Upgrades - <https://www.nkwindows.co.nz/assets/Resources/NK-Windows-Glazing-Quote-Options.pdf>

Warranty - <https://www.nkwindows.co.nz/about-us/terms-and-conditions/>

1. uPVC Profiles: 10 Years
2. Insulated Glass Units: 10 Years
3. Hardware: 10 Years – Hinges, Gearboxes and Handles; 3 Years – Friction hinges and Casement/Awning window handles; 2 Years – Cylinders; 1 Year – Flag Hinges

Terms & Conditions - <https://www.nkwindows.co.nz/about-us/terms-and-conditions/>

1. 30% deposit payable at time of final measure (includes 15% at order for imported profiles)
2. Balance payable seven (7) days after date of final invoice OR before pickup/delivery

Quotation signed and accepted

I confirm the details of this quotation are correct as detailed in this document. I accept this quotation and the NK Windows Terms and Conditions of Trade as stated on the NK Windows website

Signed:

Dated: