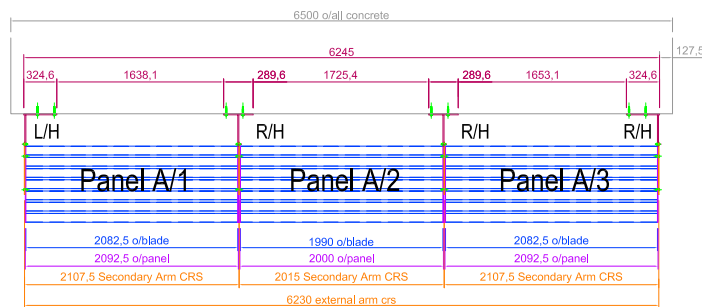
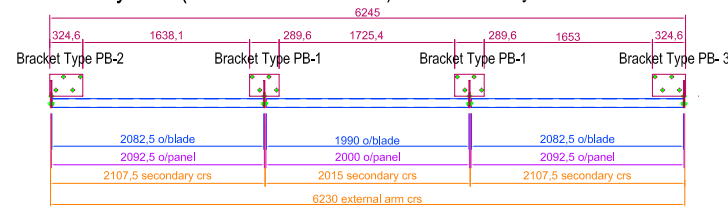


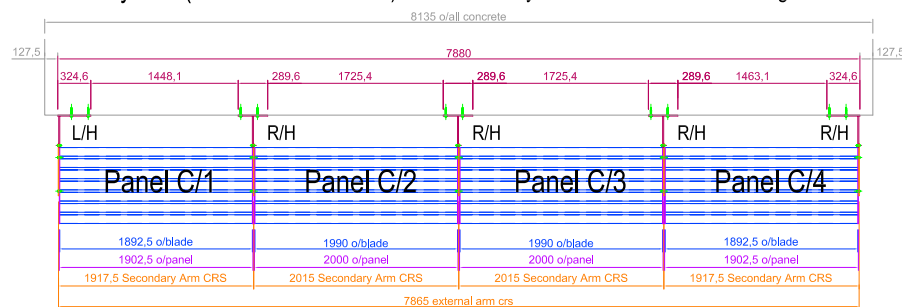
Typical Lower Floor Fabrication Drawing



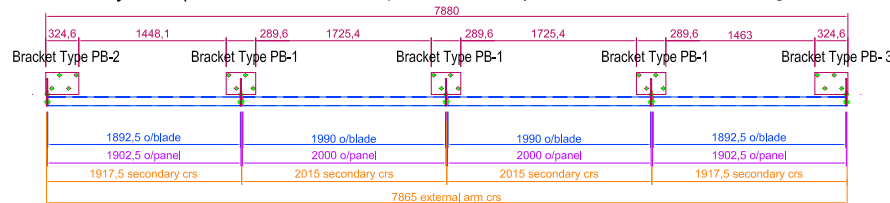
Plan View Layout - (Architects Elevation A) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2



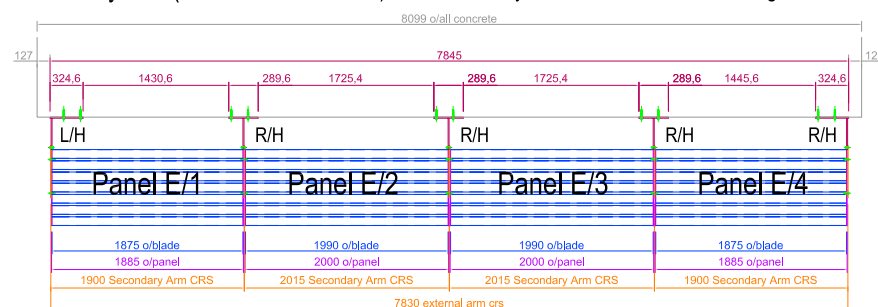
Elevation Layout - (Architects Elevation A) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2



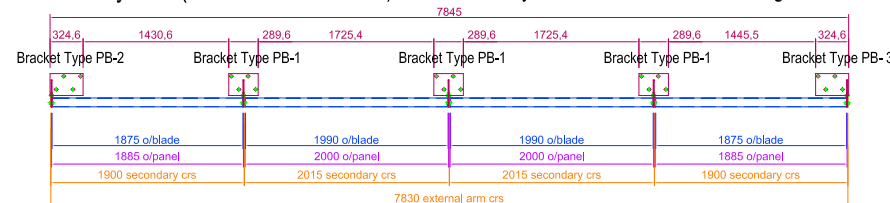
Plan View Layout - (Architects Elevation C) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2



Elevation Layout - (Architects Elevation C) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2

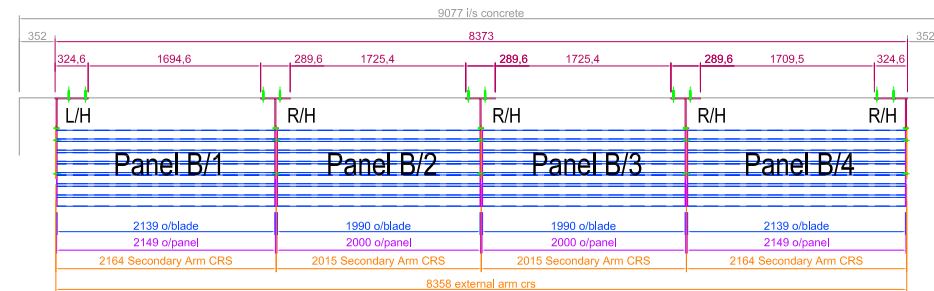


Plan View Layout - (Architects Elevation E) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2

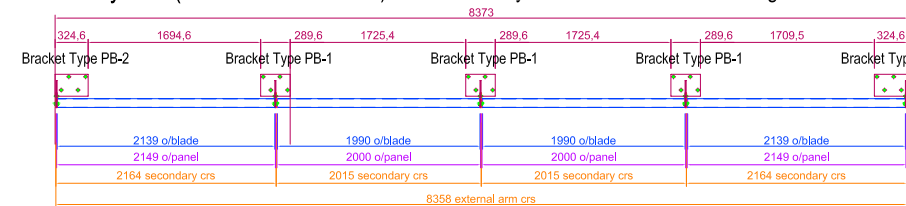


Elevation Layout - (Architects Elevation E) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2

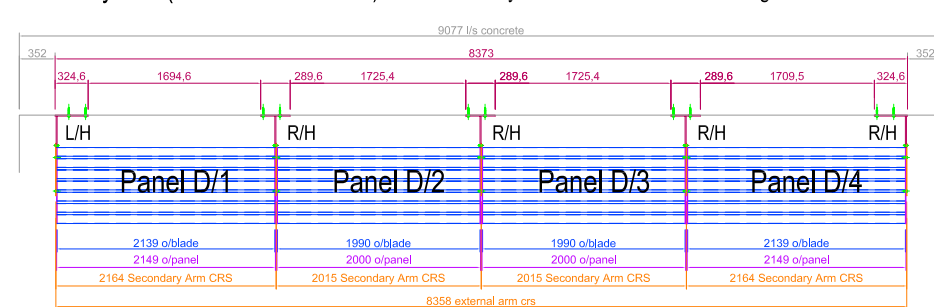
DO NOT SCALE



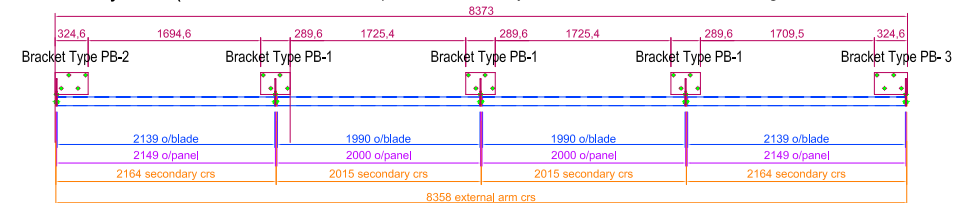
Plan View Layout - (Architects Elevation B) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2



Elevation Layout - (Architects Elevation B) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2



Plan View Layout - (Architects Elevation D) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2



Elevation Layout - (Architects Elevation D) Brise Soleil Layout - Read with Architects drg A1-ZZ-DR-A-3875- P2

Installation Notes:

NLC engineers to install brackets based on to details shown above. Brackets to be installed and laser measured between fin plates and sizes confirmed prior to manufacture.

All to be Polyester Powder Coated RAL (To be confirmed)

General Notes:

NLC-SOL120GG-E brise soleil panels to be fabricated from 120mm elliptical blades set at 45 degrees fixed to 5mm thick profiled aluminium side frames. Panels bolted to 5mm thick alu. secondary support arm which is held in position by a 10mm thick alu. fully welded primary bracket. M10 stainless steel set pins to be used to bolt secondary support arms to primary brackets and also for bolting panels in position. Rawl M10 - R-FF1-K-A4 stainless steel fixings to concrete.

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Issue Date: 25-10-2022

[illegible]

	Client

*Vabel
Construction 7
Limited*

Project

50-52 Lawrence Road
London
N15 4EG

Sheet Title:

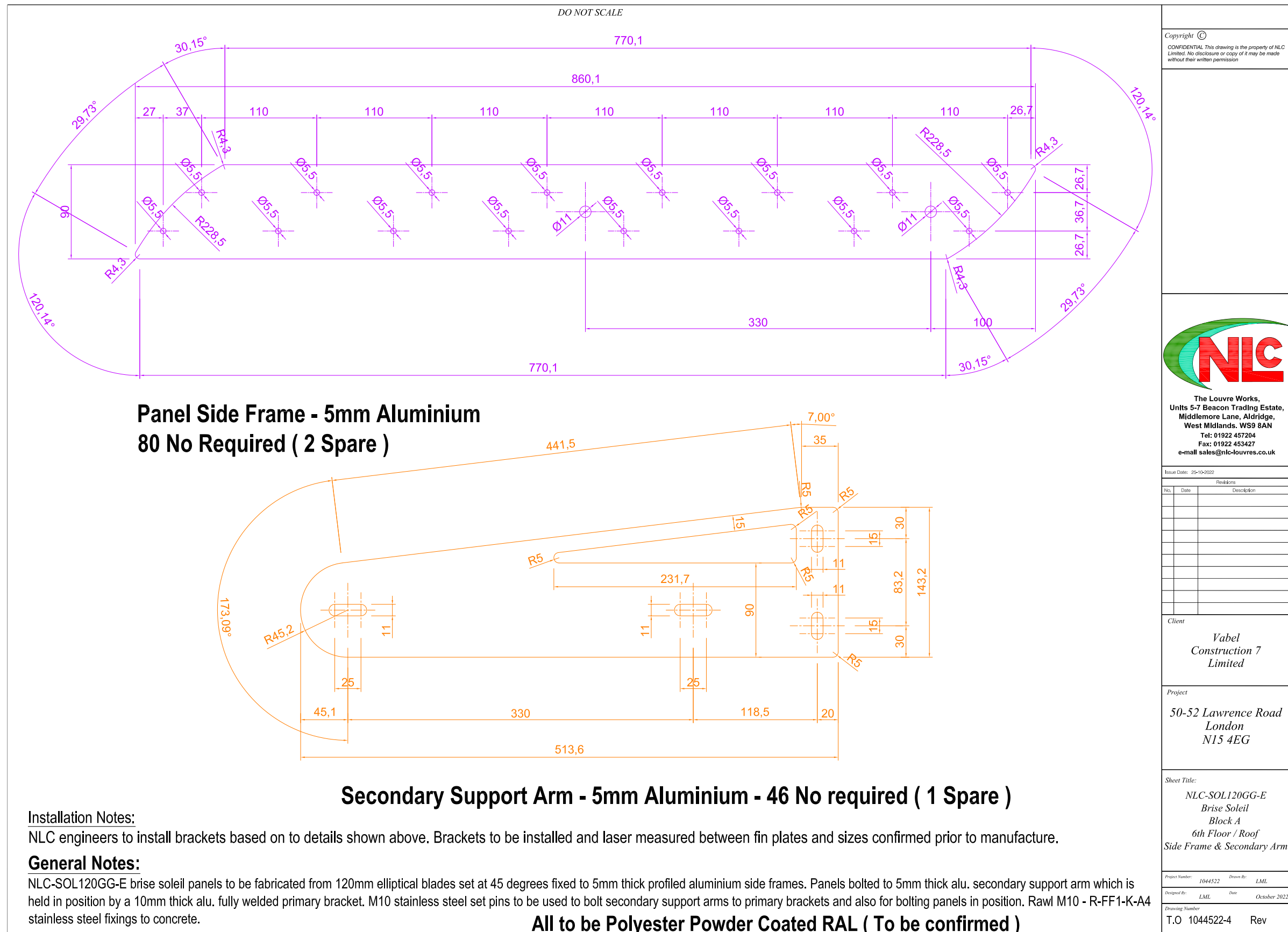
NLC-SOL120GG-E
Brise Soleil
Block A
6th Floor / Roof
Elevations A, B, C, D & E

Project Number:	1044522	Drawn By:	LML
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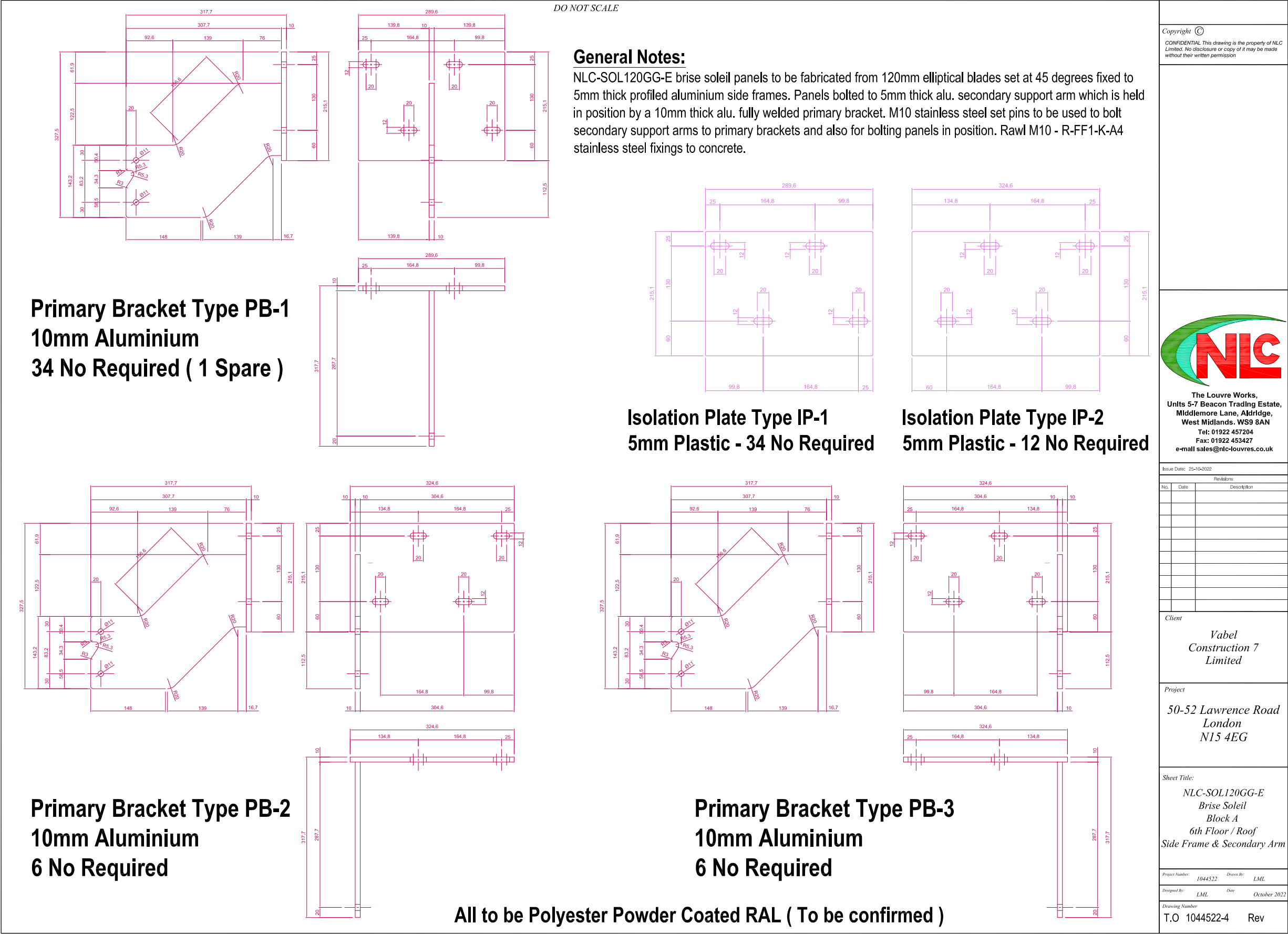
Designed By:	LML	Date	October 2022
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Drawing Number
T.O 1044522-3 Rev

Fabrication Drawing



Fabrication Drawing



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Issue Date: 25-10-2022		
Revisions		
No.	Date	Description

Client
**Vabel
Construction 7
Limited**

Project
**50-52 Lawrence Road
London
N15 4EG**

Sheet Title:
**NLC-SOL120GG-E
Brise Soleil
Block A
6th Floor / Roof
Side Frame & Secondary Arm**

Project Number: 1044522 Drawn By: LML

Designed By: LML Date: October 2022

Drawing Number
T.O 1044522-4 Rev

Site Progress - Proof of Installation

Designs as consented have been detailed, procured and first-fix brakettry has now commenced on site.



Glazing

Southern Glazing

The G (g%) value, also referred to as the Solar Factor is the total solar radiation transmitted by the glass. It is conditioned that South facing glazing should achieve a g-value of 0.4 or better. As below certification the glazing achieves 32.5% (0.325) and therefore exceeds the target.



PERFORMANCE
CALCULATOR

25 January 2025
By Brook, Andrew

Holloseal - Graeme Wiles

Make-up Name	Visible Light			General Colour Rendering Index (Ra)	Ultraviolet Trans UV (T _{UV} %)	Solar Energy					Thermal Properties U-Value U _g W/m ² K	
	Transmittance Visible (τ _v %)	Reflectance				Transmittance Solar (τ _s %)	Reflectance	Absorptance Solar (α _s %)	Solar Factor (g %)	Shading Coefficient (SC)		
		p _v % out	p _v % in									p _s % out
6mm SN70/35HT-16Ar-6.8mm White	49.2	17.2	16.6	94.8	0.0	23.0	42.0	28.3	34.9	32.5	0.37	1.0

Calculation Standard: EN 410:2011 / EN 673:2011

6mm SN70/35HT-16Ar-6.8mm White

Outdoors

GLASS 1	Guardian Extra Clear (CE)	#1 ----
	Thickness = 6mm	#2 SunGuard® SN 70/35 HT (CE)
GAP 1	10% Air, 90% Argon, 16mm	
GLASS 2	Guardian Extra Clear (CE)	#3 ----
	Thickness = 3mm	#4 ----
INTERLAYER 1	PVB Clear 0.38mm (CE)	
INTERLAYER 2	0.015" (0.38 mm) Medium White PVB	
GLASS 3	Guardian Extra Clear (CE)	#5 ----
	Thickness = 3mm	#6 ----
Total Unit (Nominal) = 28.762 mm		
Slope = 90°		
Estimated Nominal Glazing Weight: 29.6 kg/m ²		

Indoors

The calculation method for this make-up is not prescribed by the selected standard. See Important Notes in output report.

Important Notes

Calculations and terms in this report are based on EN 410:2011/EN 673:2011. The performance values shown above represent nominal values for the center of glass with no spacer system or framing. Solar Factor (g) and Secondary Heat Transfer (h_g) are not available for sloped glazing, as no calculation method is prescribed by the standard for these attributes.

The KWA logo and KWA Validation Report MD - 14477AGL are provided as evidence of validation of the Guardian Performance Calculator software, program version 4.1, for execution of calculations of luminous and solar characteristics of glazing and thermal transmittance, according to EN 410:2011 and EN 673:2011.

Laminated products:
The Performance Calculator allows the user to model a wide variety of laminated glass makeups using different float glass substrates, coatings and interlayer material, including those makeups where the coating faces the interlayer. It is the user's responsibility to assess whether the laminated glass makeup meets relevant regional standards and complies with applicable laminated glass safety regulations.

In addition, when the laminated glass makeup includes a coating facing the interlayer material, there may be a loss of thermal insulation performance and a color change compared to non-embedded coated glass.

Non-specular products (translucent or diffuse):
The performance measurement for non-specular (translucent or diffuse) materials such as translucent interlayers or acid etched glass surface, or surface with ceramic frit is limited by the current experimental technologies. Since measurements capture physically only a part of the resulting radiation, calculated performance results provided herein and based on such measurements are not compliant with any standard (including EN 410) and may only be used as a general reference.

Page 1 of 3

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