

NOTES

x No. REQUIRED

GLASS SPEC - CLASS 0 NON-FRAILE:
OUTER : 33mm CLEAR HST TOUGHENED AND LAMINATED GLASS - 10/1.5/10/1.5/10
+ PVB OR SGP INTERLAYER + BLACK BORDER ON FACE 2
CAVITY : 20mm ARGON FILLED + WARM EDGE SPACER + DC3363 UV RESISTANT
SILICONE BOND
INNER : 6mm CLEAR HST TOUGHENED GLASS OR 13.5mm LAMINATED + LOW E TO
CAVITY FACE

- LIGHT TRANSMISSION = 73.1 (33/6) or 71.6% (33/13.5)
- SOLAR GAIN = 0.47 (33/6 & 33/13.5) (ADD SOLAR CONTROL FOR LOWER G VALUES)
- GLASS CENTRE PANE Ug-VALUE = 1.0 W/m².K
- GLASS ACOUSTIC = NPD
- BURGLAR RESISTANCE EN356:1999 = P6B/NA (33/6) or P6B/P4A (33/13.5)
- PENDULUM RESISTANCE EN12600:2002 = 1B1/NA (33/6) OR 1B1/1B1 (33/13.5)
- AIR PERMEABILITY = CWCT CLASS A4
- WEATHER RESISTANCE = CWCT CLASS A7
- WIND RESISTANCE = CWCT CLASS E2400
- AA FIRE-RATED: AA DESIGNATION (NATIONAL CLASS) OR BROOF (T4) EUROPEAN CLASS
- WEIGHT = xx KG (1m x 1m WITH 33/6 GLASS WEIGHS 120 KG)
- PRODUCT Ud VALUE = AS LOW AS 0.5 W/m².K.

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS.

GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE - TN136.

KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS TO MEET CURRENT BUILDING REGS. AN APPROVED DOCUMENT PART L COMPLIANT FULLY INSULATED TIMBER KERB IS AVAILABLE FROM THE ROOFLIGHT MANUFACTURER.

5° RECOMMENDED FALL TO HELP SHED WATER ONLY. UNIT CAN BE INSTALLED AT LOWER PITCHES. HIGHER IF NO WATER AT ALL IS DESIRED.

FLOOR LOADINGS TO BS EN 1991-1-1 – Loadings for Buildings. UK National Annex:

CATEGORY A, SUB-CATEGORY A1 (DOMESTIC)

- 1.5 kN/m² Uniformly distributed load
- 2.0 kN Concentrated load

CATEGORY C, SUB-CATEGORY C31 (COMMERCIAL)

- 4.0 kN/m² Uniformly distributed load
- 3.6 kN Concentrated load

CATEGORY C, SUB-CATEGORY C34 (HEAVY COMMERCIAL)

- 5.0 kN/m² Uniformly distributed load
- 4.5 kN Concentrated load

THE FLOOR LOADS SHOWN ARE ARBITRARY. GLASS THICKNESS MAY VARY DEPENDING ON LOADS. LOADS TO BE AGREED OR SPECIFIED BY CLIENT.

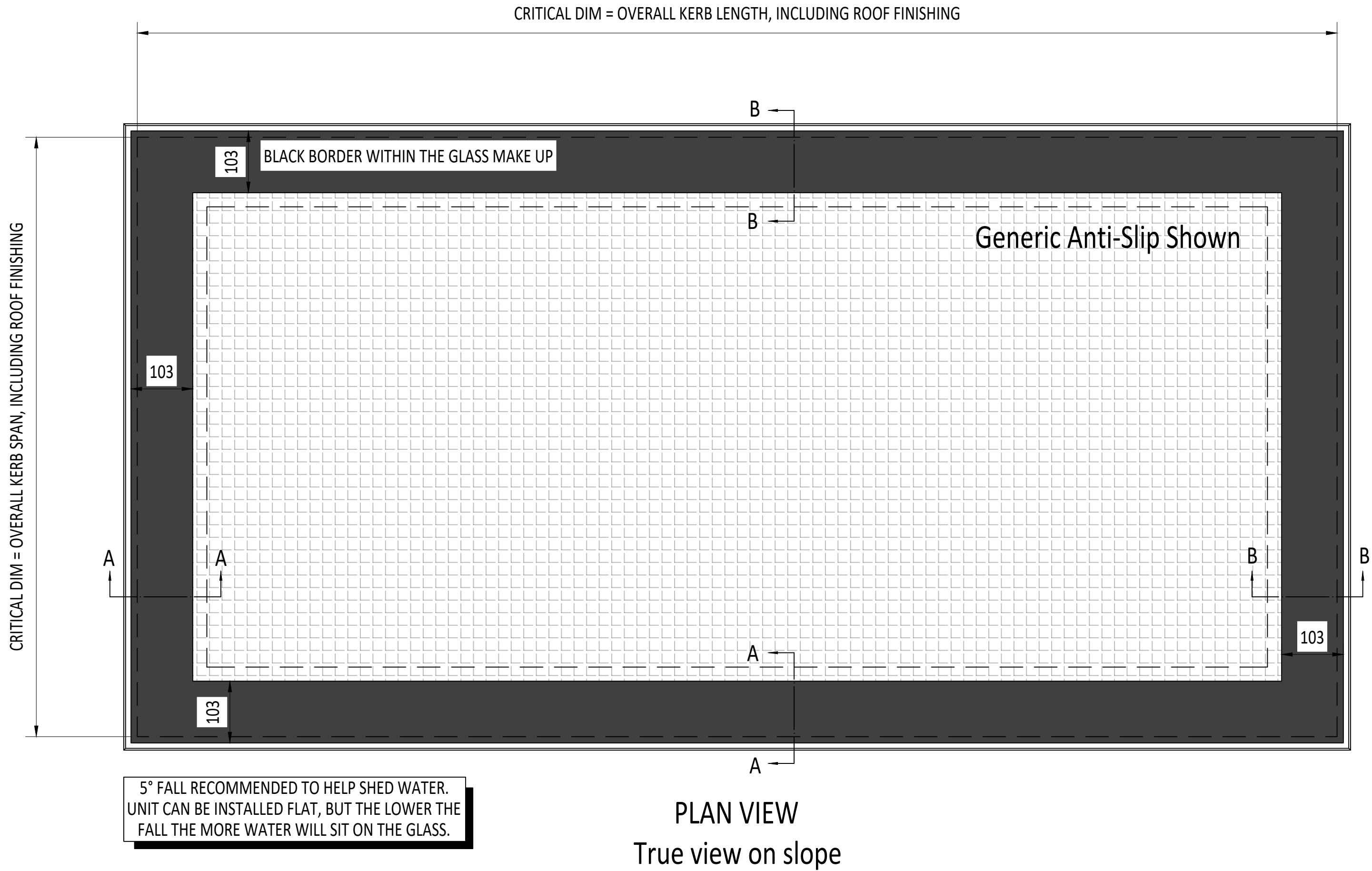
PAINTED BORDER SHOWN AS STANDARD TO COVER GLAZING FRAME.

DIMENSIONS SHOWN DOWN THE SLOPE, IF ANY SLOPE.

DIMENSIONS SHOWN TO TOP OF GLASS ARE APPROXIMATE.

SEALING TO SURROUNDING CONSTRUCTION BY OTHERS.

THE MANUFACTURER RECOMMENDS AN ANTI-SLIP COATING TO WALK ON GLASS.
DATA SHEET AVAILABLE FROM:
[HTTPS://WWW.ROOFGLAZE.CO.UK/RESOURCES/TECHNICAL-DATA-SHEETS](https://www.roofglaze.co.uk/resources/technical-data-sheets)



PLAN VIEW
True view on slope

CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS

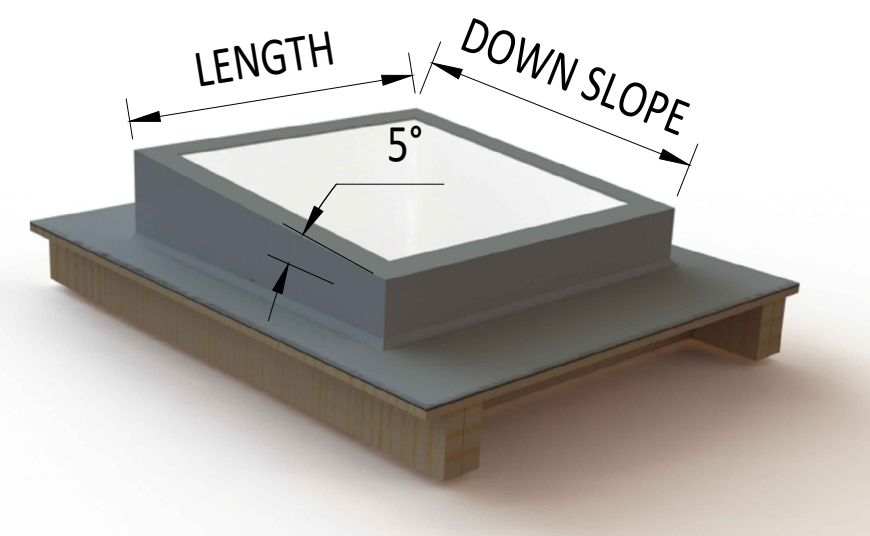
BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRED BUT THERE IS STILL A RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.
THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS FROM MANUAL HANDLING, THESE ARE:

- FIRST** : AVOID HAZARDOUS MANUAL HANDLING OPERATIONS SO FAR AS IS REASONABLY PRACTICABLE;
- SECOND** : ASSESS ANY HAZARDOUS MANUAL HANDLING OPERATIONS THAT CANNOT BE AVOIDED; AND
- THIRD** : REDUCE THE RISK OF INJURY SO FAR AS IS REASONABLY PRACTICABLE.

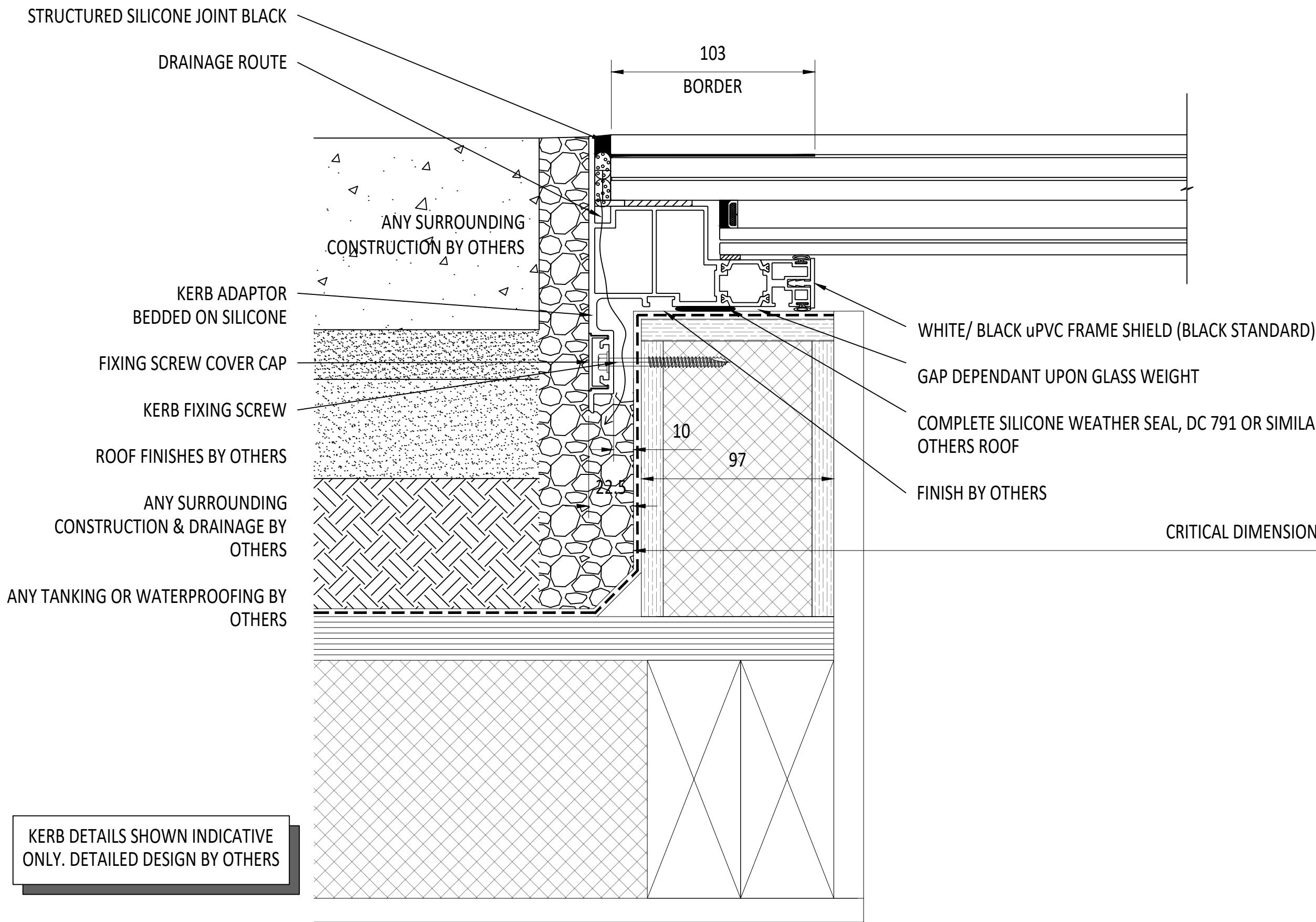
HAND PROTECTION (MANDATORY) TO: BS EN 388:1994.
ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS.
FINGER TRAP RISK IS HIGH. DROPPING HEAVY WEIGHT OBJECT RISK IS HIGH. WET GLASS IS VERY SLIPPERY WITHOUT AN ANTI-SLIP COATING.
REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.



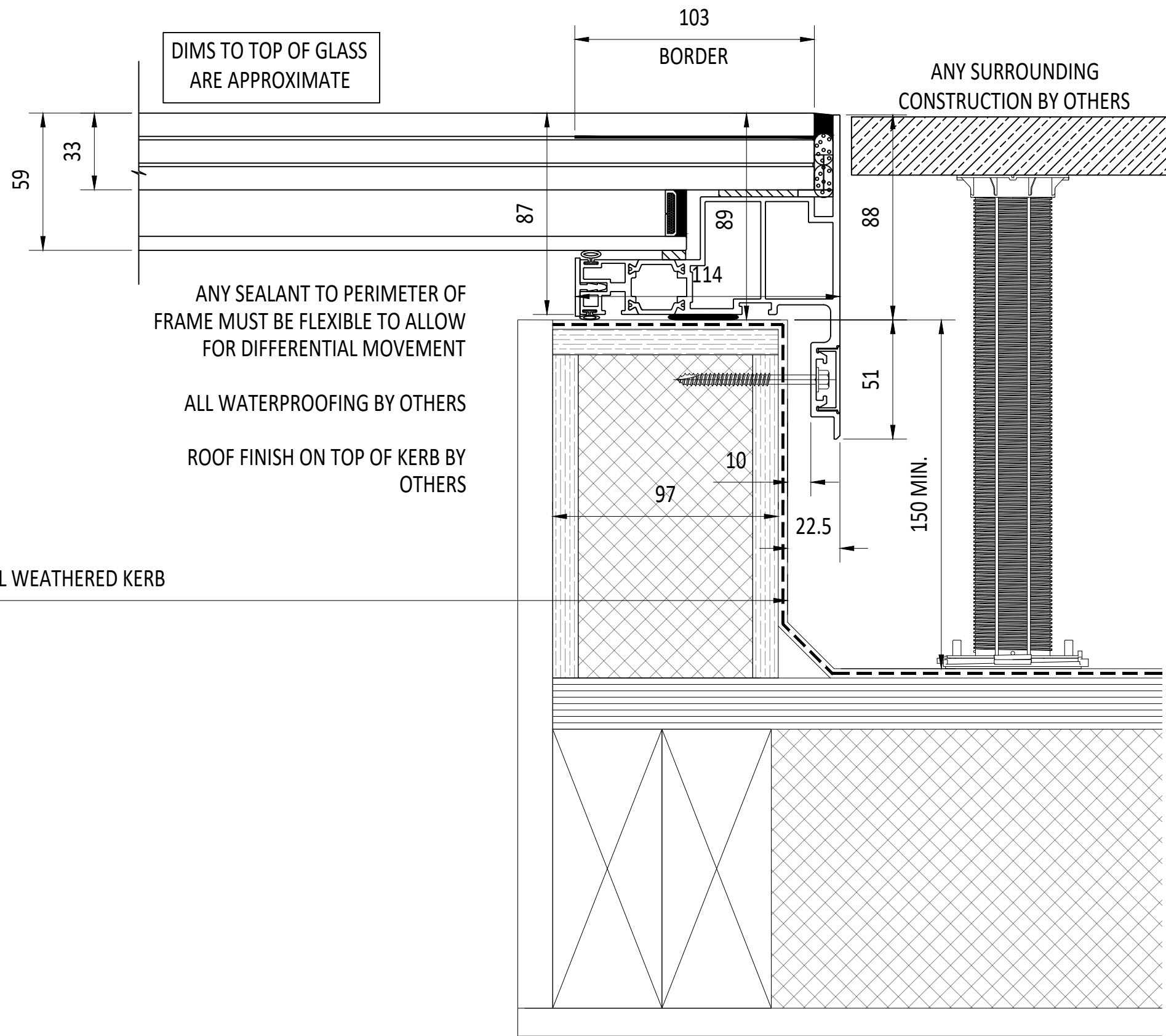
3D RENDER IMAGING OF FRAME



3D EXAMPLE OF KERB



SECTION A-A



SECTION B-B

IF IN DOUBT ASK DO NOT SCALE	IT IS THE RESPONSIBILITY OF THE KERB DESIGNER TO ENSURE THE KERB WILL BE STRUCTURALLY ADEQUATE TO HOLD THE ROOFLIGHT. KERBS SHOWN ON THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.	The manufacturer would advise an installation with a minimum pitch of 5° for rooflight units to minimize water pooling. Whilst the product can be installed flat without detriment to the warrantee, the manufacturer cannot be held responsible for any excessive pooling of water to the surface of the rooflight, post installation, if installed without an adequate fall, larger units may require a greater fall. The final decision on amount of fall required must be made by the client and relayed to the installer.	THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM THE MANUFACTURER.	CHECKED	R. P.	TOLERANCE UNLESS OTHERWISE STATED	±5	MATERIAL ALUMINIUM + GLASS							Roofglaze Rooflights Ltd, 11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET Telephone 01480 474797	DRAWING N°: RGR-WO-24-400	REV	ROOFGLAZE
				DATE	20-03-2024	DIMENSIONS IN	MM											
				DRAWN	D. P.	SCALE	1:2, 1:6 @ A1		FINISH	MARINE GRADE POLYESTER POWDER COAT OPTIONS: RAL 7016 ANTHRACITE GREY or RAL 9005 BLACK, 30% GLOSS (MATT)								
				DATE	20-03-2024				REV	AMENDMENTS		SIGNED	CHECKED	DATE				
				TITLE: SKYWAY FIXED WALK-ON FLATGLASS KERBS BY OTHERS														
															SIZE A1		Lighting by nature™	