

ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS DANGER OF DAMAGING GLASS IF IT IS WALKED UPON. GLASS IS CLASSED AS NON-FRAGILE BUT SHOULD NOT BE WALKED ON. USE SPREADER BOARDS.

REFER TO RISK ASSESSMENT FOR FURTHER DETAIL

## NOTES

## X No. REQUIRED

**GLASS SPEC:** 

OUTER: 33mm CLEAR TOUGHENED AND LAMINATED GLASS -

10/1.5/10/1.5/10

CAVITY: 16mm ARGON FILLED + WARM EDGE SPACER

INNER: 6mm CLEAR HST TOUGHENED GLASS + LOW E TO CAVITY FACE

BONDED

LIGHT TRANSMISSION = 73.2%

SOLAR GAIN = 46.8 g

CENTRE PANE U-VALUE = 1.1 W/m<sup>2</sup>.K

ACOUSTIC = NPD

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.

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

PRODUCT U-VALUE = U-Values are size dependant CENTRE PANE U VALUE = AS LOW AS  $1.0W/M^2$ .K TO SPECIAL ORDER.

## FLOOR LOADINGS TO BS EN 1991-1-1:

- 1.5 kN/m² Uniformly distributed load
- 2.0 kN Concentrated load
- 4.0 kN/m<sup>2</sup> Uniformly distributed load
- 3.6 kN Concentrated load
- 5.0 kN/m<sup>2</sup> Uniformly distributed load
- 4.5 kN Concentrated load

THESE LOADS ARE ARBITRARY. GLASS THICKNESS MAY VARY DEPENDING ON LOADS. LOADS TO BE AGREED/ SPECIFIED BY CLIENT.

PAINTED BORDER SHOWN AS STANDARD TO COVER GLAZING FRAME.

DIMENSIONS SHOWN DOWN THE SLOPE.

DIMENSIONS SHOWN TO TOP OF GLASS ARE APPROXIMATE.

SEALING TO SURROUNDING CONSTRUCTION BY OTHERS.

ESSENTIAL FLASHING TO WALL AND WALL SUPPORT FOR FRAME 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/

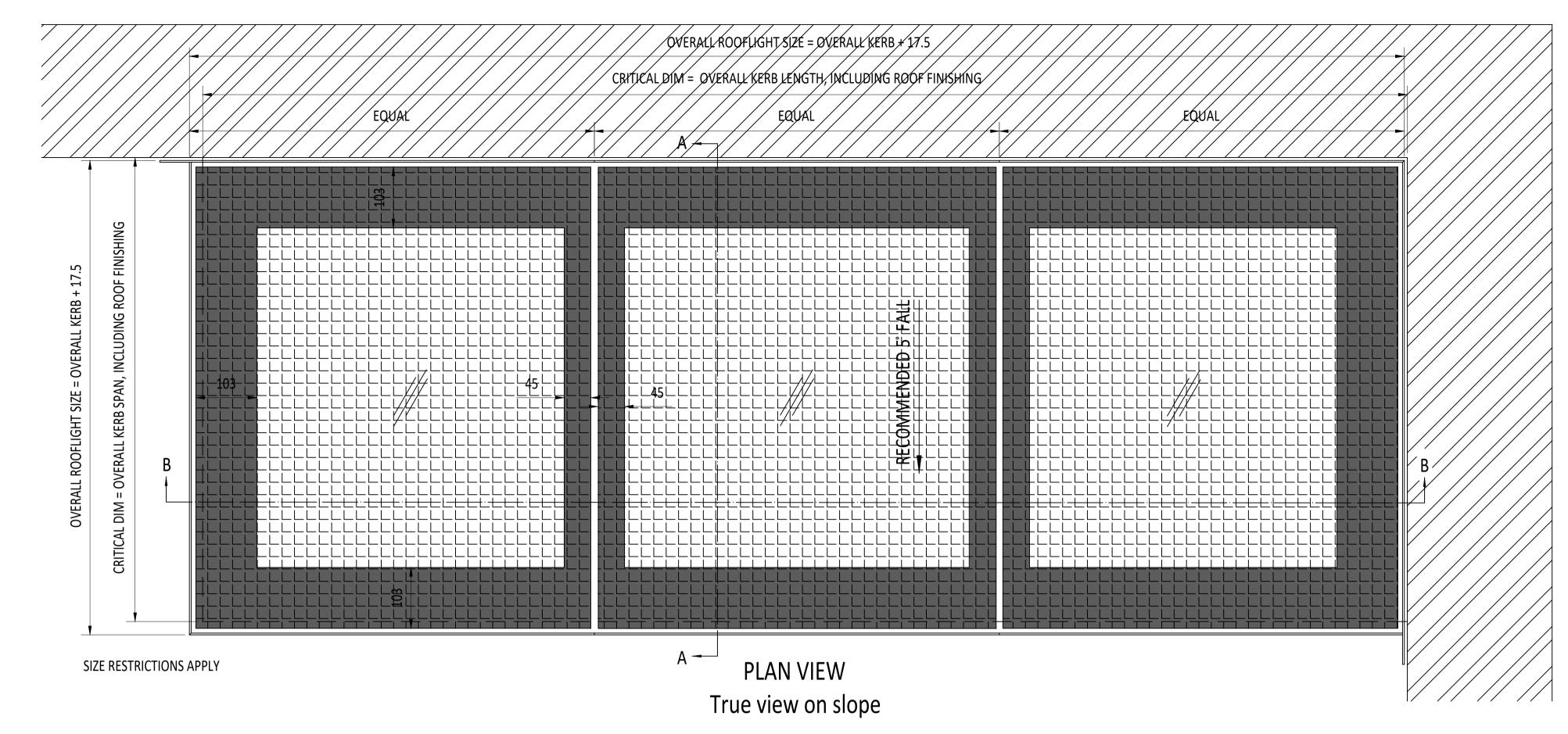
WEIGHT FOR A 1m<sup>2</sup> UNIT:

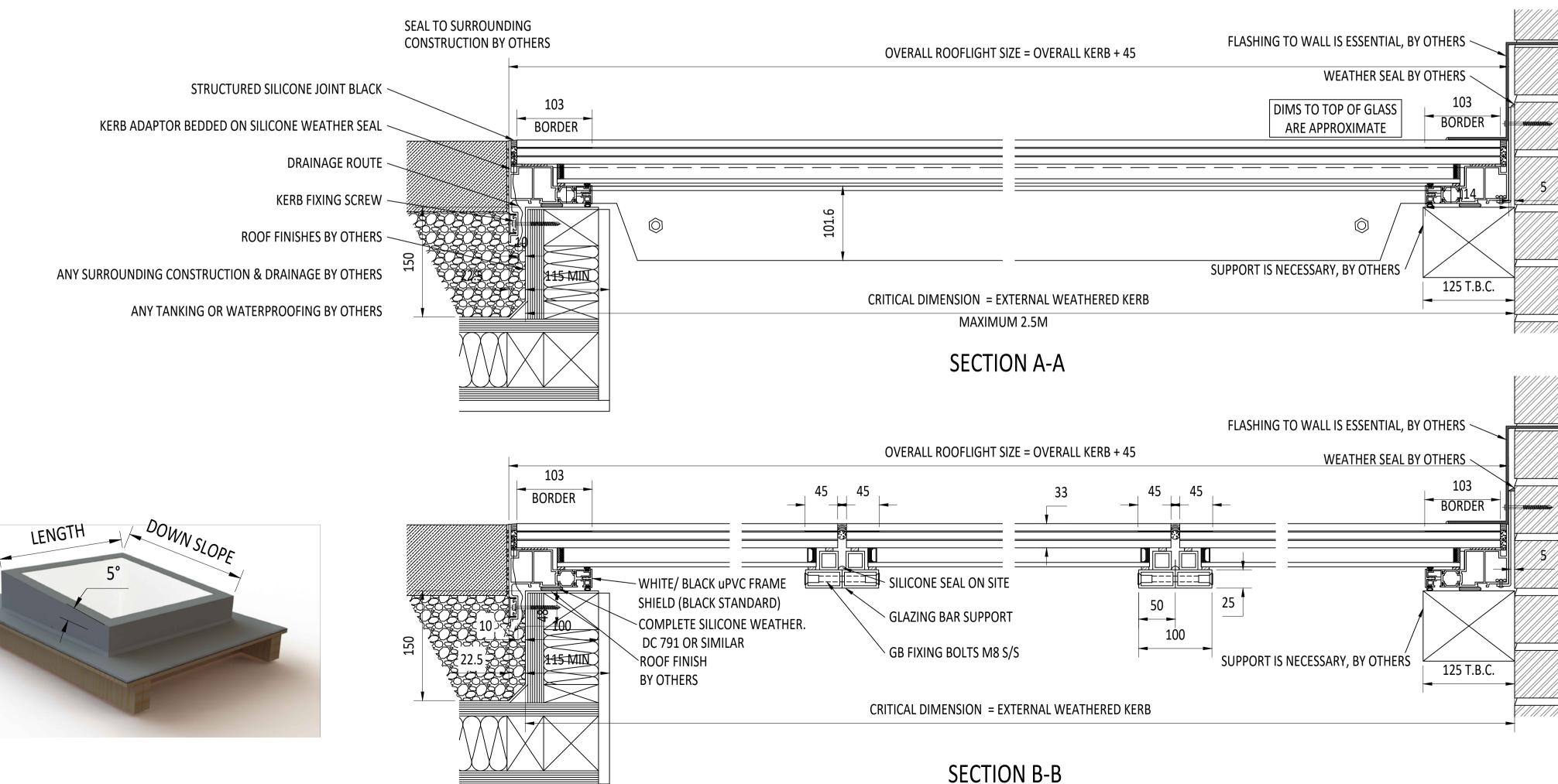
33/6 GLASS = 113 KG

39/6 GLASS = 128 KG

48/6 GLASS = 150 KG

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS





SIGNED CHECKED



KERB WILL BE STRUCTURALLY ADEQUATE TO HOLD THE ROOFLIGHT. KERBS SHOWN ON THESE DRAWINGS ARE FOR LUSTRATION PURPOSES ONLY.

ooling. Whilst the product can be installed flat without neld responsible for any excessive pooling of water to PARTY WITHOUT without an adequate fall. larger units may require a eater fall. The final decision on amount of fall required

D. PUGH WRITTEN CONSENT 18-10-2022

TOLERANCE UNLESS ±5 ALUMINIUM + GLASS OTHERWISE STATED FINISH MARINE GRADE POLYESTER DIMENSIONS IN POWDER COAT OPTIONS: RAL 7016 ANTHRACITE GREY, RAL 9005 BLACK, 1:4, 1:5 @ A1 30% GLOSS

RGR-WO-20-602 St Neots, Cambs, PE19 8ET Telephone 01480 474797 SKYWAY MULTI-PANE WALK ON FLATGLASS + 2 WALL ABUTMENT

DRAWING N°.

**ROOFGLAZE** Lighting A1 by nature™

IF IN DOUBT ASK DO NOT SCALE

18-10-2022

REV AMENDMENTS