

**NOTES**

X NUMBER REQUIRED

**GLASS SPEC:**  
 OUTER : 6mm CLEAR HST TOUGHENED GLASS + SANDBLAST BORDER TO FACE 2  
 CAVITY : 18mm ARGON FILLED + WARM EDGE SPACER  
 INNER : 6mm CLEAR HST TOUGHENED GLASS + LOW E COATING  
 SILICONE BONDED

BORDER SHOWN AS STANDARD TO COVER GLAZING FRAME.  
 OTHER DIMS AVAILABLE UPON REQUEST.

LIGHT TRANSMISSION = 78 %  
 CENTRE PANE U VALUE = 1.1 W/m<sup>2</sup>.K  
 SOLAR G VALUE = 0.63  
 ACOUSTIC REDUCTION = 35 Rw dB  
 WEIGHT = 45 KG/m<sup>2</sup>

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS,  
 INTERNAL OPENING SIZE IS NOT RELEVANT AT ORDER STAGE.

GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE.

KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS.

MIN. 5° FALL RECOMMENDED TO HELP SHED WATER. LARGER UNITS MAY  
 REQUIRE STEEPER PITCHES.

PRODUCT U-VALUE = AS LOW AS 1.2 W/m<sup>2</sup>.K (u-values are size dependant)

WITH ANNEALED GLASS, KERBS TO BE 130mm THICK MAXIMUM.

DESIGN LOADS: 750N/m<sup>2</sup> WIND 640N/m<sup>2</sup> SNOW AS STANDARD  
 OTHER LOADS TO BE SPECIFIED BY CLIENT.

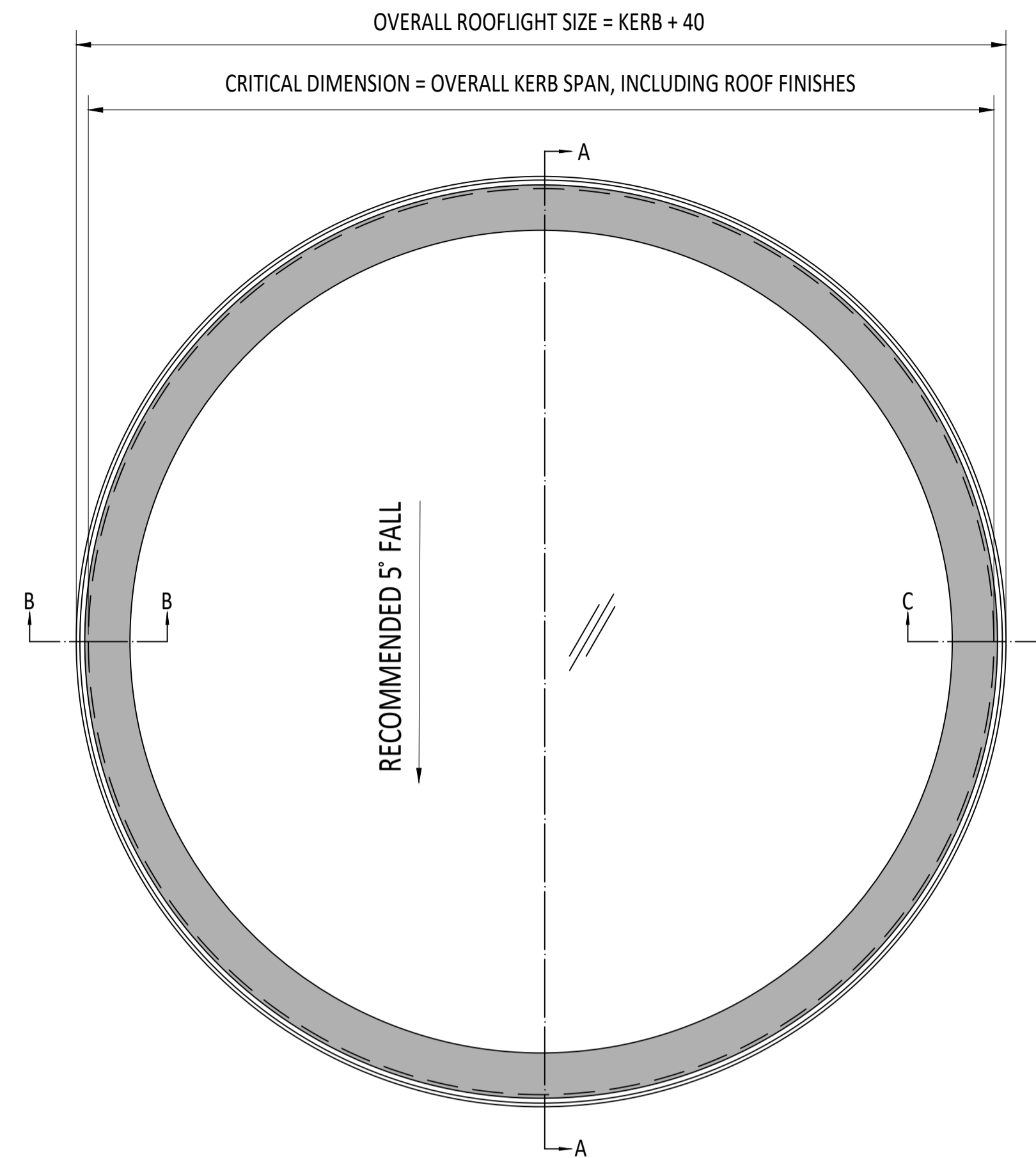
INTERNAL FOAM TAPE IS ESSENTIAL TO CREATE THERMAL BREAK.

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS

**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 SMALL 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.  
 UNLESS DESIGNED FOR CWCT CLASS 0 OR CLASS 1, DANGER OF DAMAGING GLASS IF IT IS WALKED UPON. IF GLASS IS CLASSIFIED AS NON-FRAGILE IT SHOULD STILL NOT BE WALKED ON UNLESS DESIGNED SO. USE SPREADER BOARDS. REFER TO RISK ASSESSMENT FOR FURTHER DETAILS.  
 FALL FROM HEIGHTS DURING INSTALLATION.



PLAN VIEW  
 True view on slope

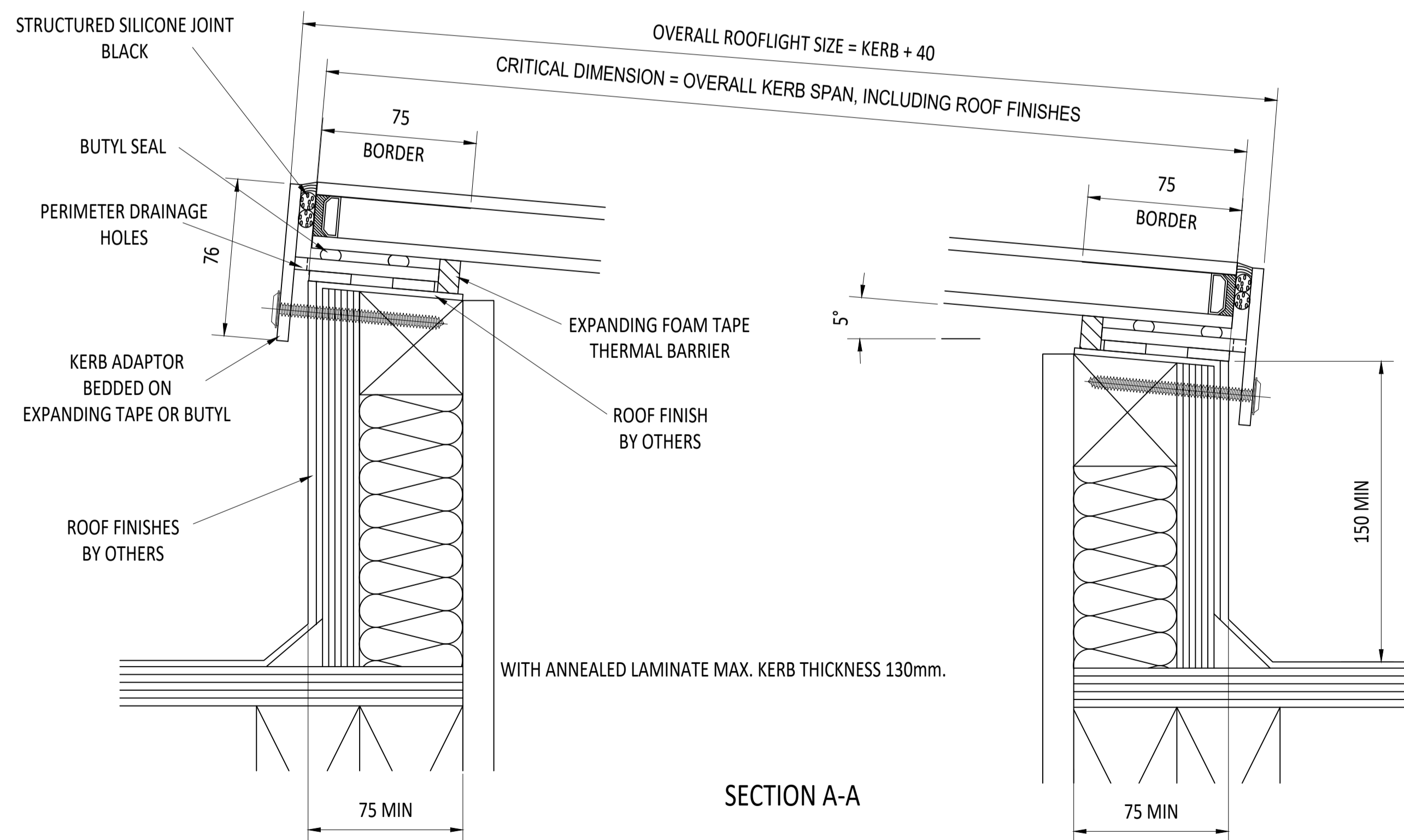
**NOTES**

ROOFLIGHT WILL BE FORMED AS A PERFECT CIRCLE SO KERBS WILL NEED TO BE AS CIRCULAR AS POSSIBLE

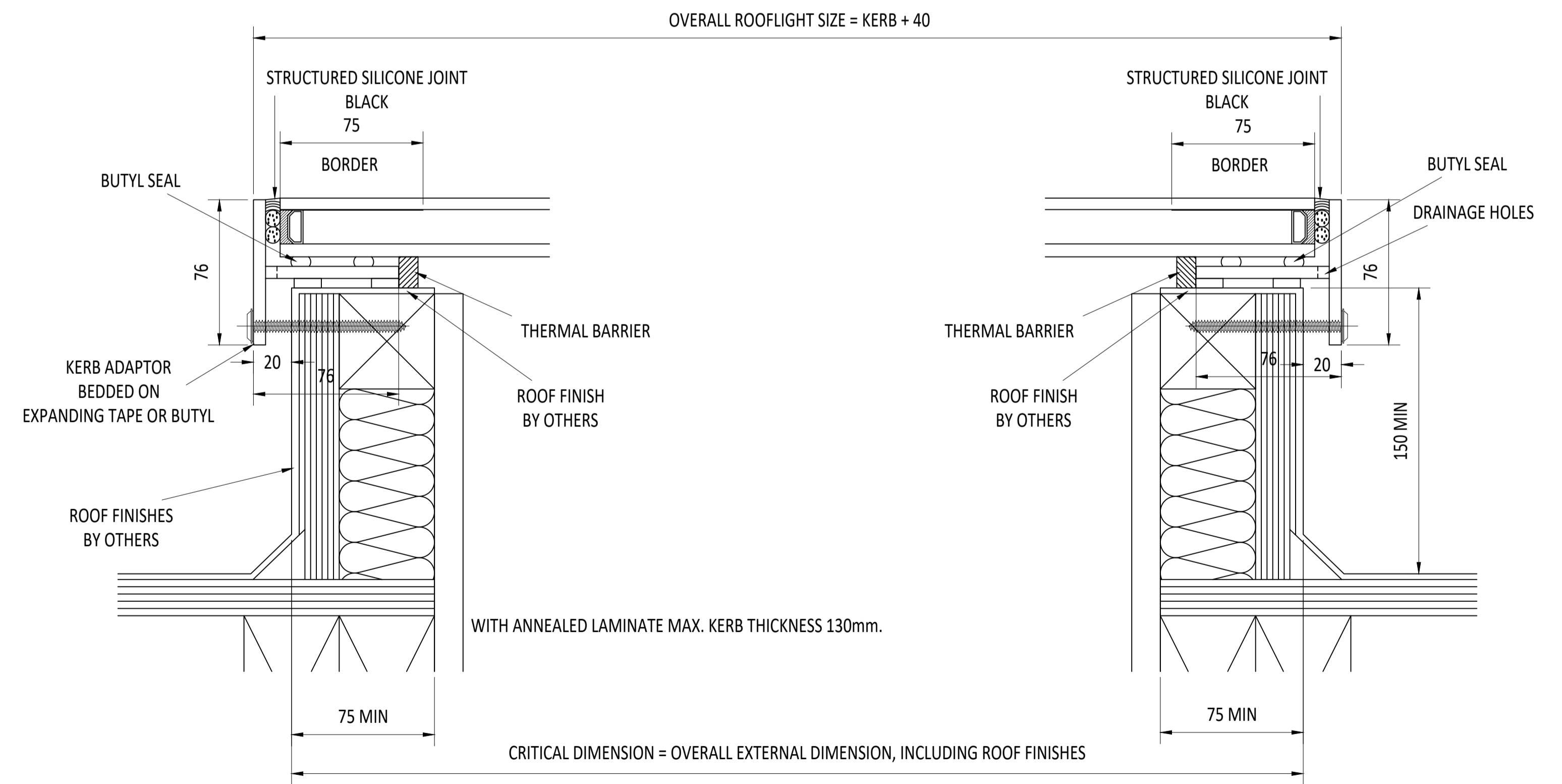
IF KERBS ARE MORE THAN 130mm THICK INCLUDING FINISHES, AN AIR CIRCULATION GAP MUST BE USED TO AVOID HEAT BUILD UP UNDER ANNEALED LAMINATED GLASS



3D RENDER



SECTION A-A



SECTION B-B

SECTION C-C

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 warranty, 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 A. PHILLIPS	TOLERANCE UNLESS OTHERWISE STATED ±5	MATERIAL ALUMINIUM + GLASS	FINISH POLYESTER POWDER COATING COLOUR T.B.C.	Roofglaze Rooflights Ltd. 11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET Telephone 01480 474797	DRAWING N° RGR-80-20-110	REV A1	ROOFGLAZE Lighting by nature™
				DATE 21-01-2018							
TITLE: FIXED DOUBLE GLAZED FLATGLASS SINGLE PANE DIAMETER											