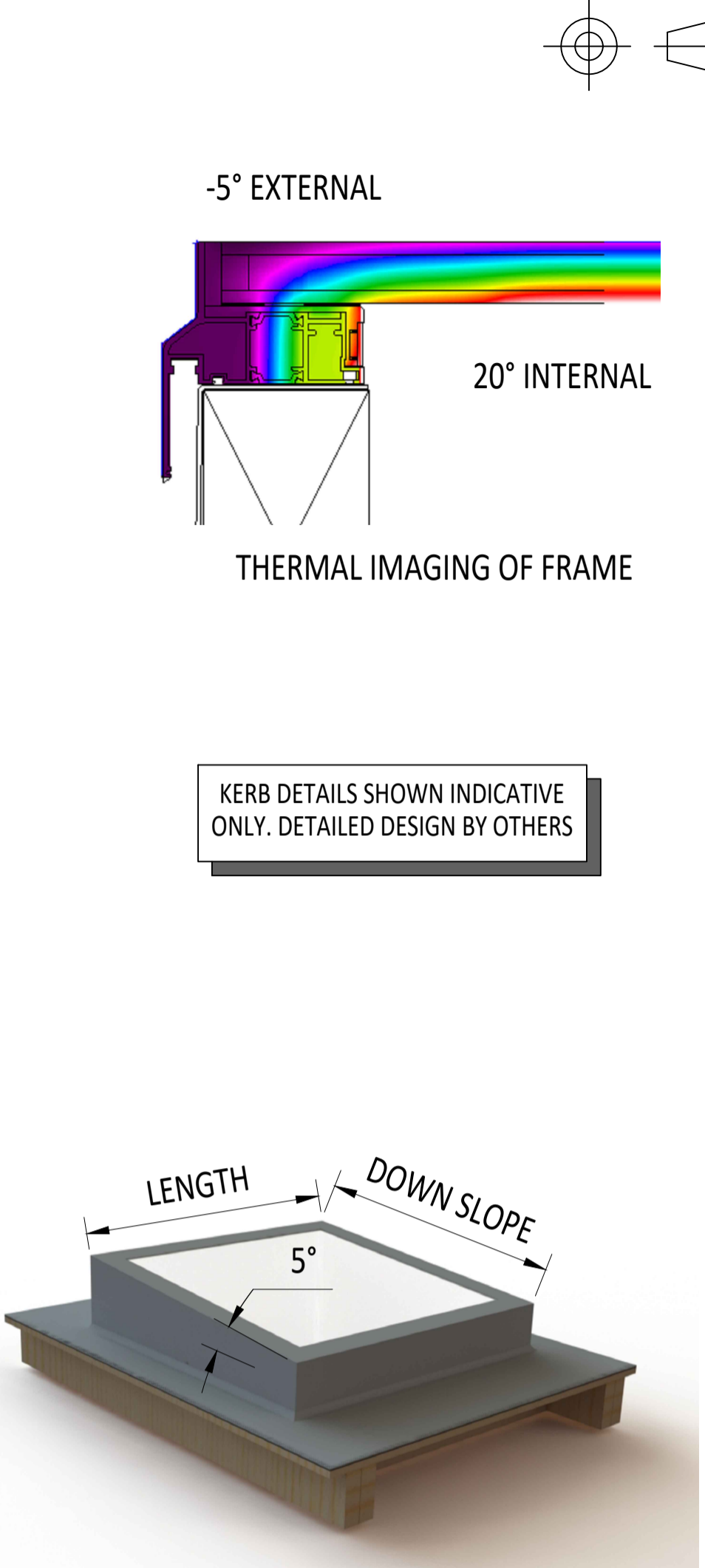
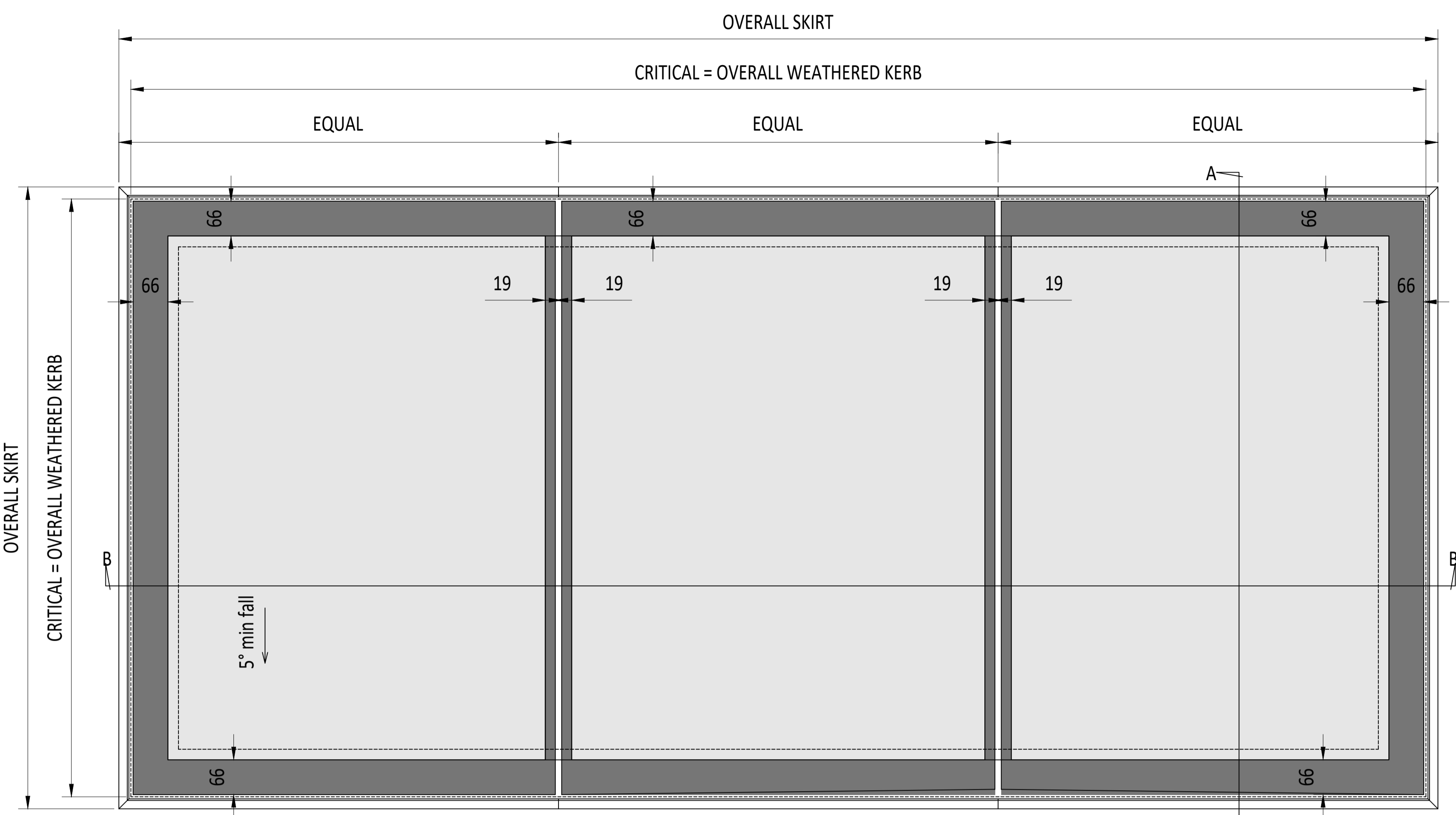


**CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS**  
 BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRED BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.  
 THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH 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.  
 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 DETAILS.

**NOTES**

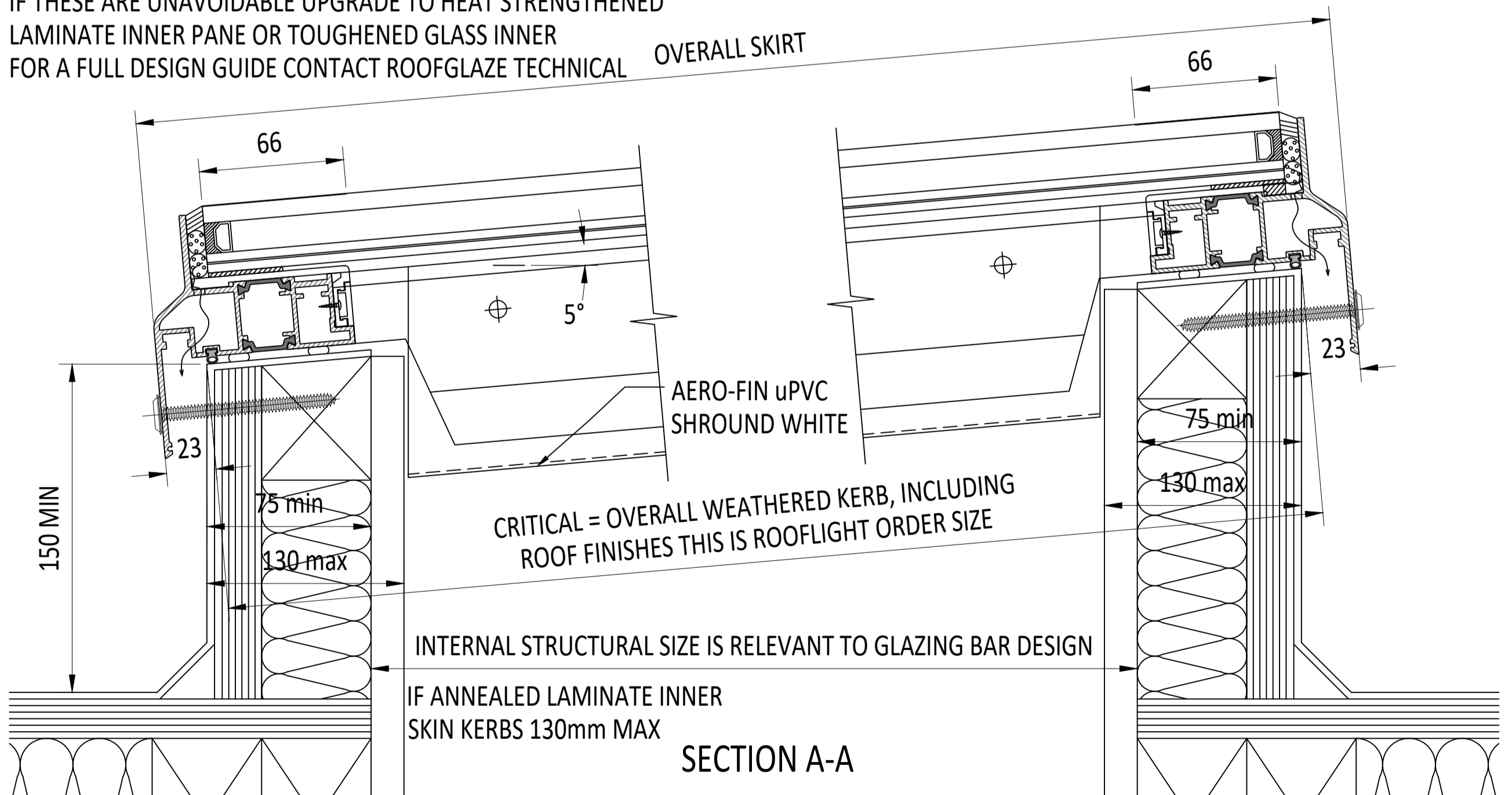
- X No. REQUIRED
- GLASS SPEC:  
 OUTER : 8mm CLEAR HST TOUGHENED GLASS + LOW E COATING + SANDBLAST BORDER TO FACE 1  
 CAVITY : 14mm ARGON FILLED + WARM EDGE SPACER  
 INNER : 8.8mm CLEAR LAMINATED GLASS + POLISHED EDGES  
 SILICONE BONDED
- LIGHT TRANSMISSION = 78 %  
 CENTRE PANE U VALUE = 1.1 W/m<sup>2</sup>.K  
 SOLAR G VALUE = 0.63  
 ACOUSTIC REDUCTION = 35 Rw dB  
 WEIGHT = 57 KG/m<sup>2</sup>
- ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS, INTERNAL OPENING SIZE IS NOT RELEVANT AT ORDER STAGE, BUT WILL BE REQUIRED TO COMPLETE GLAZING BAR DESIGN.
- 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)
- MAX SPAN 3.2m. OVER 2m STEEL REQUIRED TO GLAZING SUPPORT.

- DUE TO THE POSSIBILITY OF THERMAL FRACTURE IN ANNEALED LAMINATE:
- KERBS SHOULD BE LESS THAN 130mm THICK
  - SHADOWS MOVING ACROSS THE GLASS SHOULD BE AVOIDED
  - SUDDEN SPACE HEATING ON VERY COLD DAYS SHOULD BE AVOIDED
  - IF THESE ARE UNAVOIDABLE UPGRADE TO HEAT STRENGTHENED LAMINATE INNER PANE OR TOUGHENED GLASS INNER
  - FOR A FULL DESIGN GUIDE CONTACT ROOFGLAZE TECHNICAL

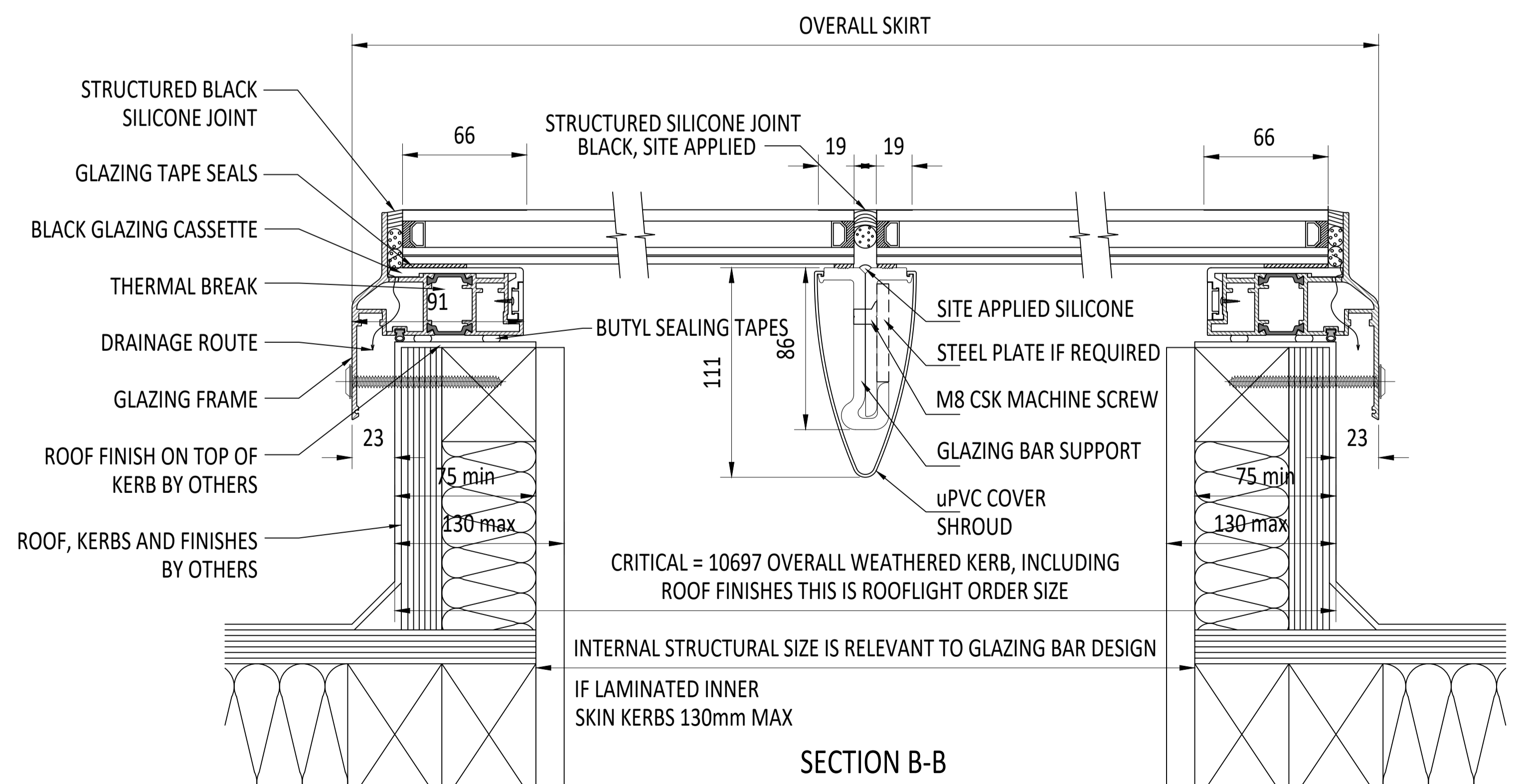


EXTERNAL PLAN VIEW  
TRUE VIEW ON SLOPE

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 ROOFGLAZE ROOFLIGHTS DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.	Roofglaze Rooflights 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, Roofglaze Rooflights cannot be held responsible for any excessive pooling of water to the surface of the rooflight post installation, if installed without an adequate fall.	THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM ROOFGLAZE ROOFLIGHTS LIMITED.	CHECKED C. MITCHELL	TOLERANCE UNLESS OTHERWISE STATED ±5	MATERIAL ALUMINIUM + GLASS	FINISH POLYESTER POWDER COATING RAL T.B.C, 70% GLOSS	REV	AMENDMENTS	SIGNED	CHECKED	DATE	Roofglaze Rooflights Ltd. 11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET Telephone 01480 474797 Fax 01480 474774.	DRAWING N°: RGR-80-20-205	REV	SIZE A1	
				DATE 28-03-2018													