CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS

BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURRDED 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.

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS

NOTES

GLASS SPEC:
OUTER : 6mm CLEAR HST TOUGHENED GLASS
CAVITY : 16mm ARGON FILLED + WARM EDGE SPACER
INNER : 6mm CLEAR HST TOUGHENED GLASS + LOW E COATING
SILICONE BONDED

LIGHT TRANSMISSION = 78 %
CENTRE PANE U VALUE = 1.1 W/m².K
SOLAR G VALUE = 0.63
ACOUSTIC REDUCTION = 35 Rw dB

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS, INTERNAL OPENING SIZE IS NOT RELEVANT TO ROOFGLAZE AT ORDER STAGE, BUT WILL BE REQUIRED TO COMPLETE GLAZING BAR DESIGN.

GLAZING CASSETTE SCREWED TO FRAME INTERNALLY SO IF NECESSARY, GLASS CAN BE REMOVED FROM INSIDE ONLY WITHOUT THE NEED TO REMOVE THE WHOLE ROOFLIGHT.

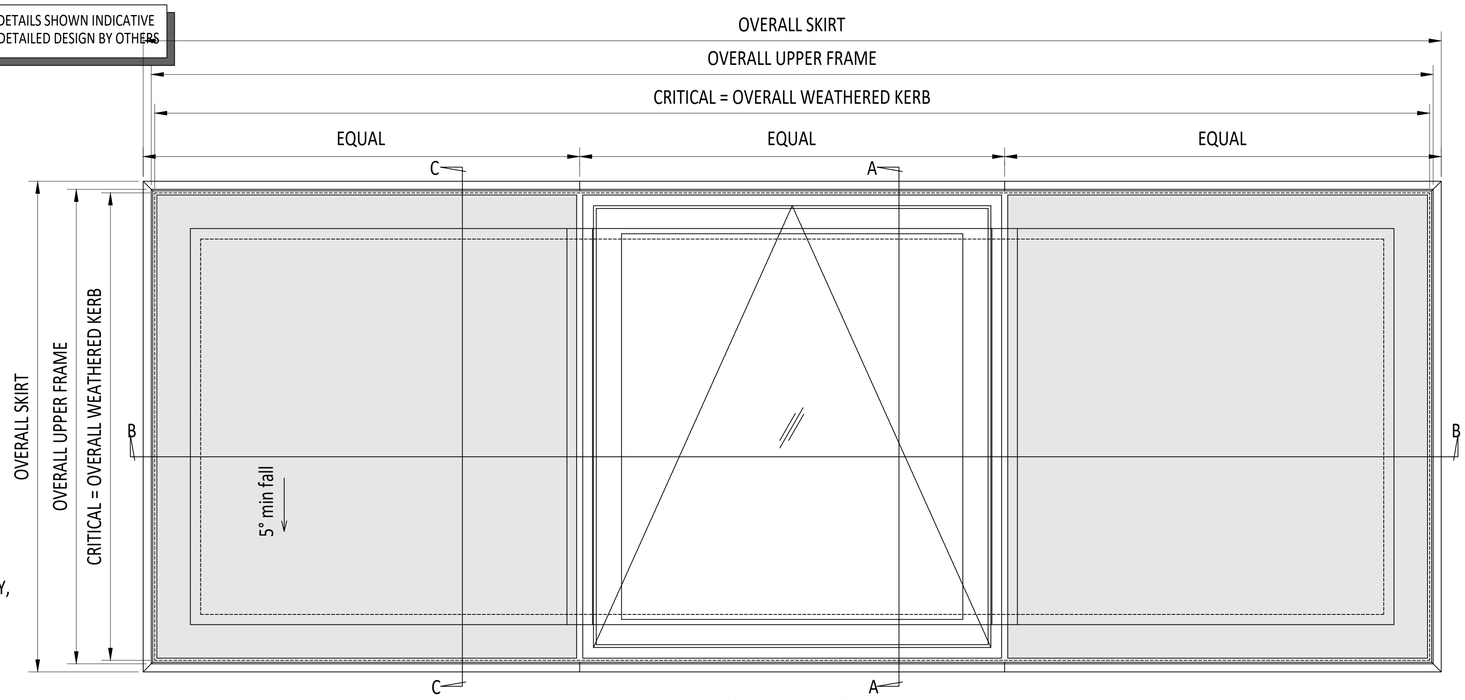
GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE.

KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS.

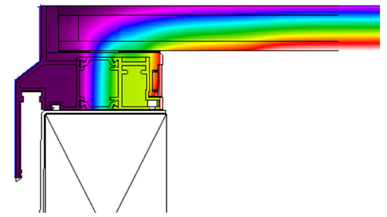
MIN. 5° FALL RECOMMENDED TO HELP SHED WATER. LARGER UNITS MAY REQUIRE STEEPER PITCHES.

PRODUCT U-VALUE = AS LOW AS 1..3 W/m².K (u-values are size dependant)

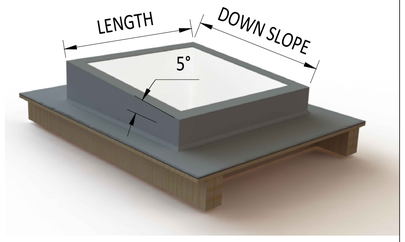
ELECTRICAL COMMISSIONING BY OTHERS.



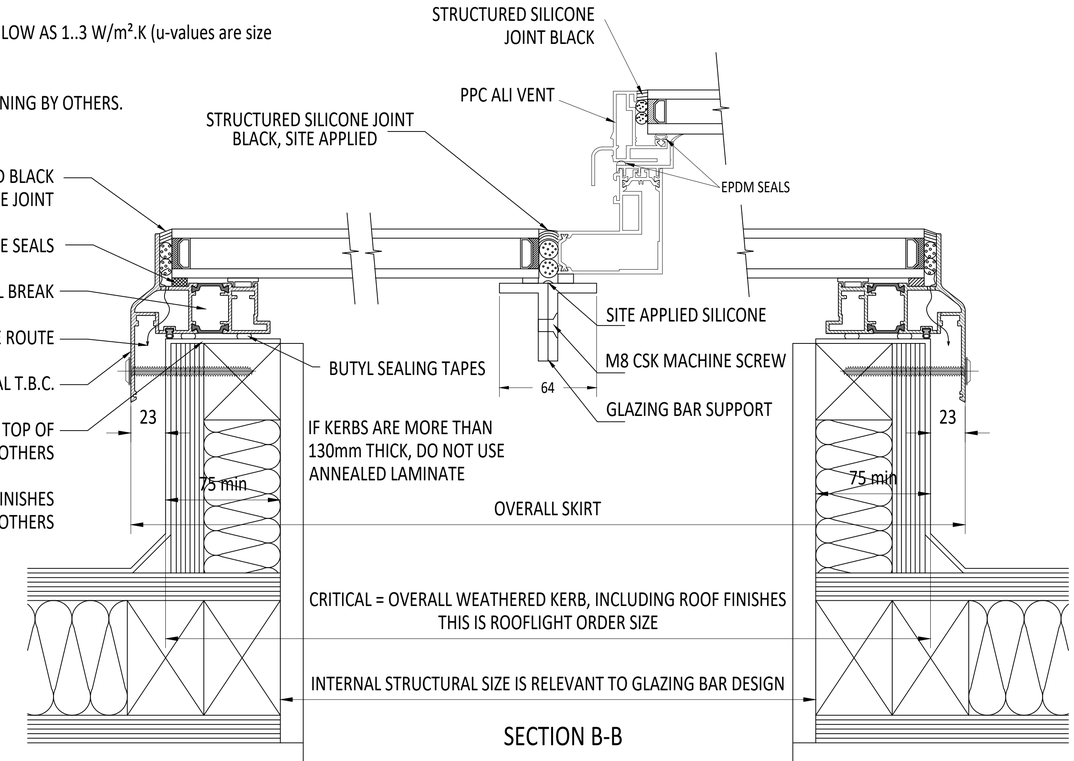
EXTERNAL PLAN VIEW
TRUE VIEW ON SLOPE



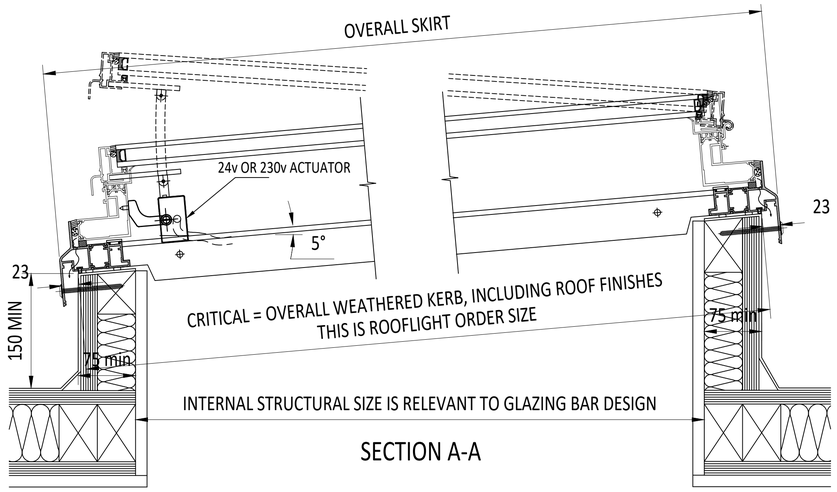
THERMAL IMAGING OF FRAME



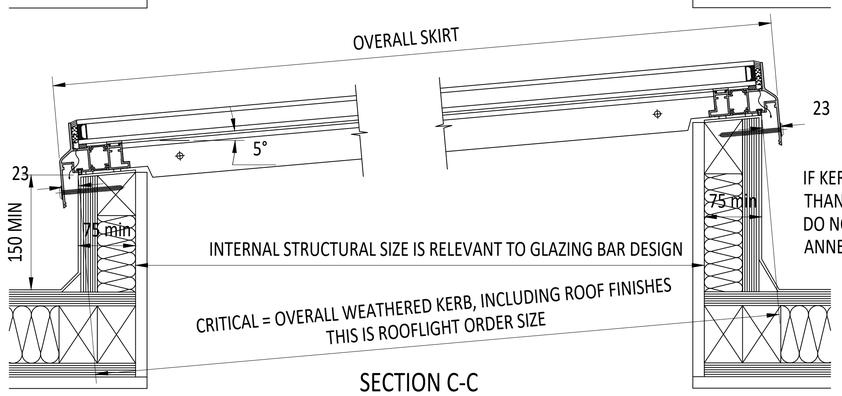
3D EXAMPLE OF KERB



SECTION B-B



SECTION A-A



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 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
DATE	28-03-2018
DRAWN	D. PUGH
DATE	28-03-2018
TOLERANCE UNLESS OTHERWISE STATED	±5
DIMENSIONS IN	MM
SCALE	1:2 @ A1
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-80-20-212

REV

TITLE: THERMALLY BROKEN FLATGLASS MULTI-SECTION WITH 230v VENT

SIZE A 1

Roofglaze Lighting, by nature.™