NOTES

X No. REQUIRED

GLAZING SPECIFICATION:

OUTER SKIN: 6mm HST TOUGHENED GLASS
WITH SANDBLAST BORDER TO FACE 2 OR PAINT
CAVITY: 16mm ARGON FILLED + WARM EDGE SPACER
INNER SKIN: 6mm HST TOUGHENED OR 8.8mm LAMINATED GLASS
WITH LOW-E COATING TO CAVITY FACE
SILICONE BONDED

ROOFLIGHT WEIGHT = 43 kg/m²

STANDARD DESIGN LOAD = 750 N/m². (Please inform us if you require a higher load for wind etc.)

BORDER SHOWN AS STANDARD TO COVER GLAZING FRAME.
OTHER DIMS AVAILABLE UPON REQUEST. PAINT OPTION AVAILABLE ON TOUGHENED TOUGHENED DGU'S ONLY.

LIGHT TRANSMISSION = 78%

SOLAR G VALUE = 0.63

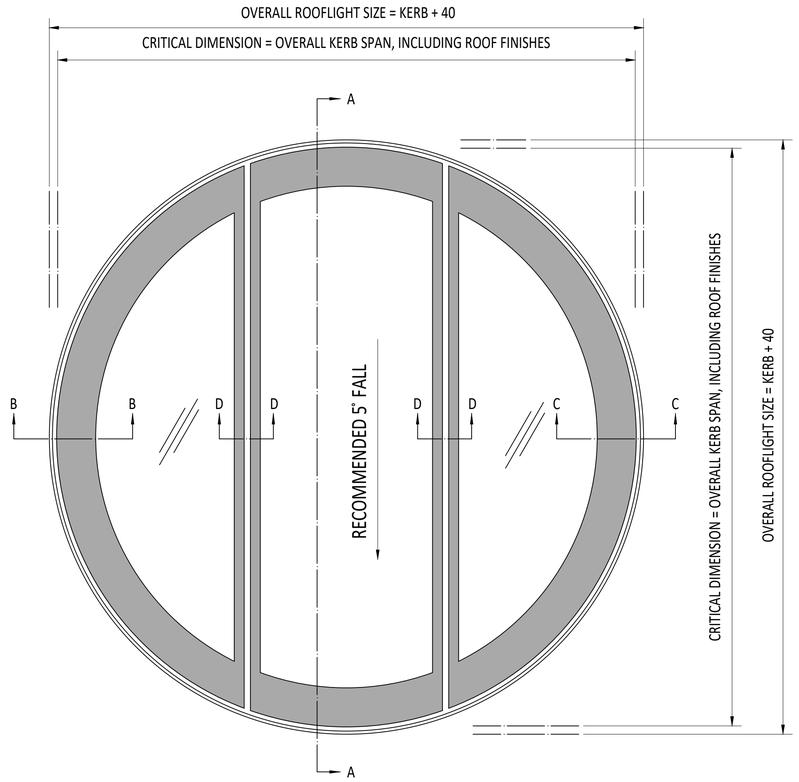
ACOUSTIC = 34-39 Rw dB

CENTRE PANE U VALUE = 1.1W/m².K

PRODUCT U VALUE = AS LOW AS 0.4 W/m².K

DIMENSIONS SHOWN DOWN THE SLOPE KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS.

INTERLOCKING GLAZING BAR SHOWN. ALL BAR TYPES ARE ROOFLIGHT SIZE DEPENDANT. SEE DWG: RG-80-20-20Z FOR TYPES.
uPVC SHROUD ONLY AVAILABLE WITH INTERLOCKING GLAZING BAR.



PLAN VIEW
True view on slope

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:

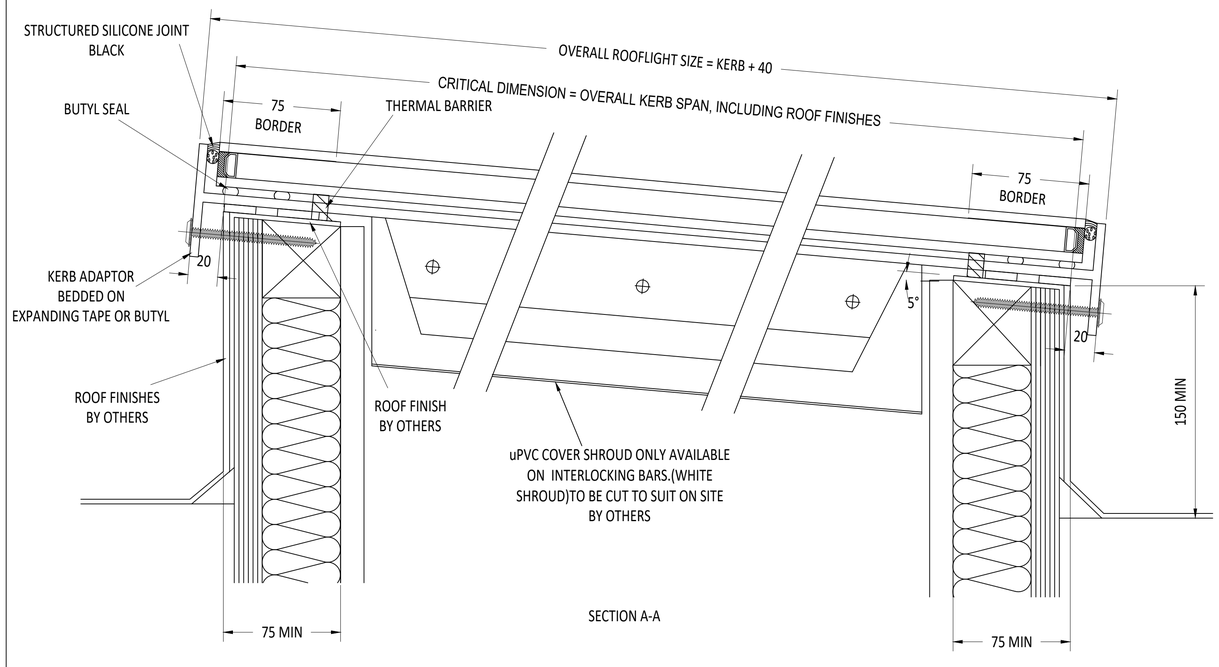
- **FIRST** : AVOID HAZARDOUS MANUAL HANDLING OPERATIONS SO FAR AS IS REASONABLY PRACTICABLE;
- **SECOND** : ASSESS ANY HAZARDOUS MANUAL HANDLING OPERATIONS THAT CANNOT BE AVOIDED; AND
- **THIRD** : REDUCE THE RISK OF INJURY SO FAR AS IS REASONABLY PRACTICABLE.

HAND PROTECTION (MANDATORY) TO: BS EN 388:1994.
ROOFLIGHTS MUST ONLY BE INSTALLED BY COMPETENT CONTRACTORS.
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.

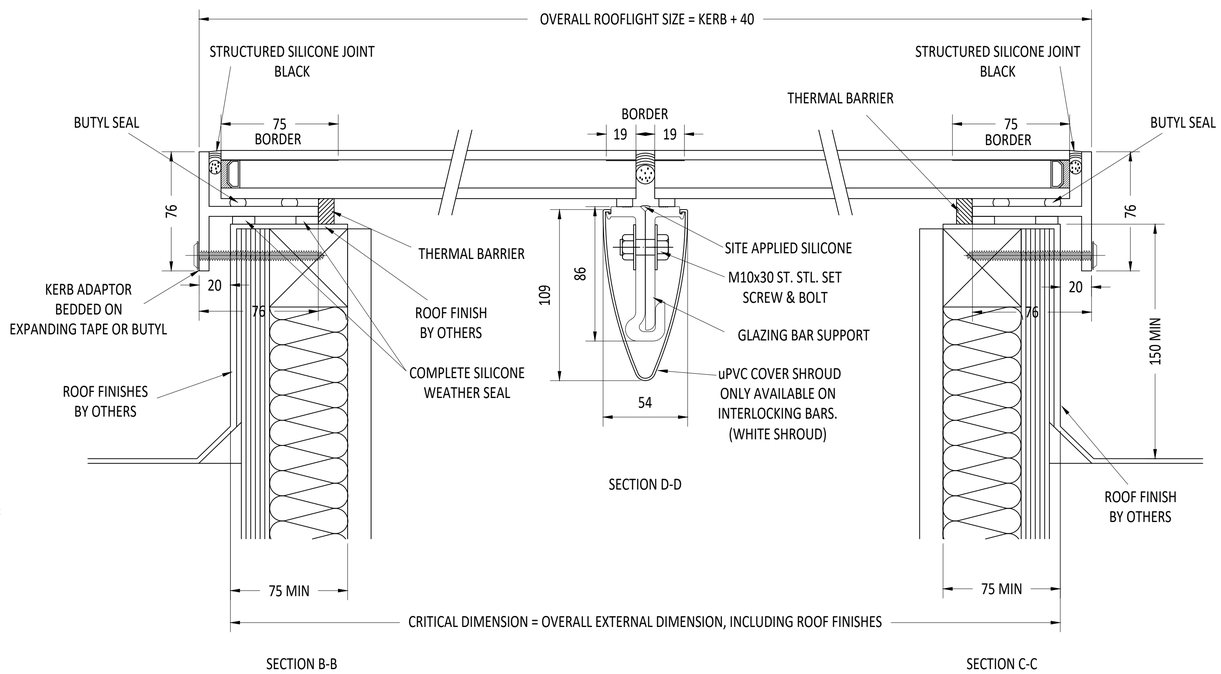
NOTES

ROOFLIGHT WILL BE FORMED AS A PERFECT CIRCLE
SO KERBS MUST BE AS CIRCULAR AS POSSIBLE.

NOTE:
GLAZING BAR DESIGN IS DEPENDANT UPON A NUMBER OF FACTORS; GLASS STRENGTH, GLASS WEIGHT, KERB SPAN, DESIGN LOADS, AND BAY CENTRES. INTERLOCKING GLAZING BARS AS SHOWN WILL NOT BE AVAILABLE AT EVERY SIZE OF ROOFLIGHT. ASK RGR TECHNICAL FOR THE GLAZING BAR TYPE FOR YOUR ROOFLIGHT DESIGN. IF THE INTERLOCKING BAR IS NOT AVAILABLE, NOR IS A COVER SHROUD.



SECTION A-A



SECTION B-B

SECTION D-D

SECTION C-C

IF IN DOUBT ASK DO NOT SCALE

SKYWAY™

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.

CHECKED
DATE
DRAWN D. PUGH
DATE 21-01-2016

TOLERANCE UNLESS OTHERWISE STATED ±5
DIMENSIONS IN MM
SCALE 1:2 & 1:6@ A1

MATERIAL ALUMINIUM + GLASS
FINISH POLYESTER POWDER COATING COLOUR T.B.C.

REV	AMENDMENTS	SIGNED	CHECKED	DATE

Roofglaze Rooflights Ltd,
11 Howard Road, Eaton Socon,
St Neots, Cambs, PE19 8ET
Telephone 01480 474797

DRAWING N°. RG-MP-20-208
SHEET 1 OF 1

REV

TITLE: FIXED DOUBLE GLAZED FLATGLASS MULTI PANE DIAMETER

SIZE A 1

ROOFGLAZE Lighting by nature™