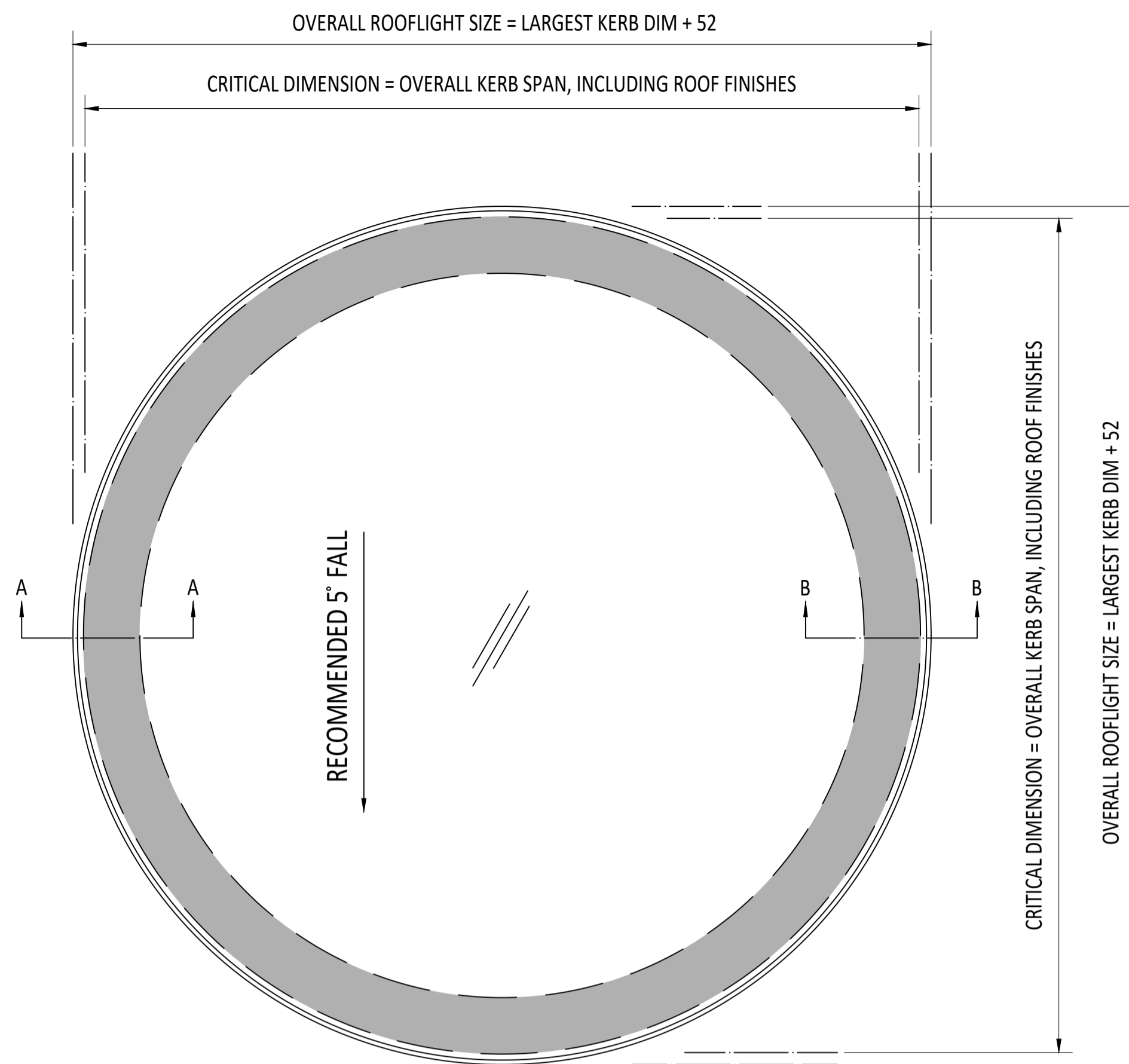
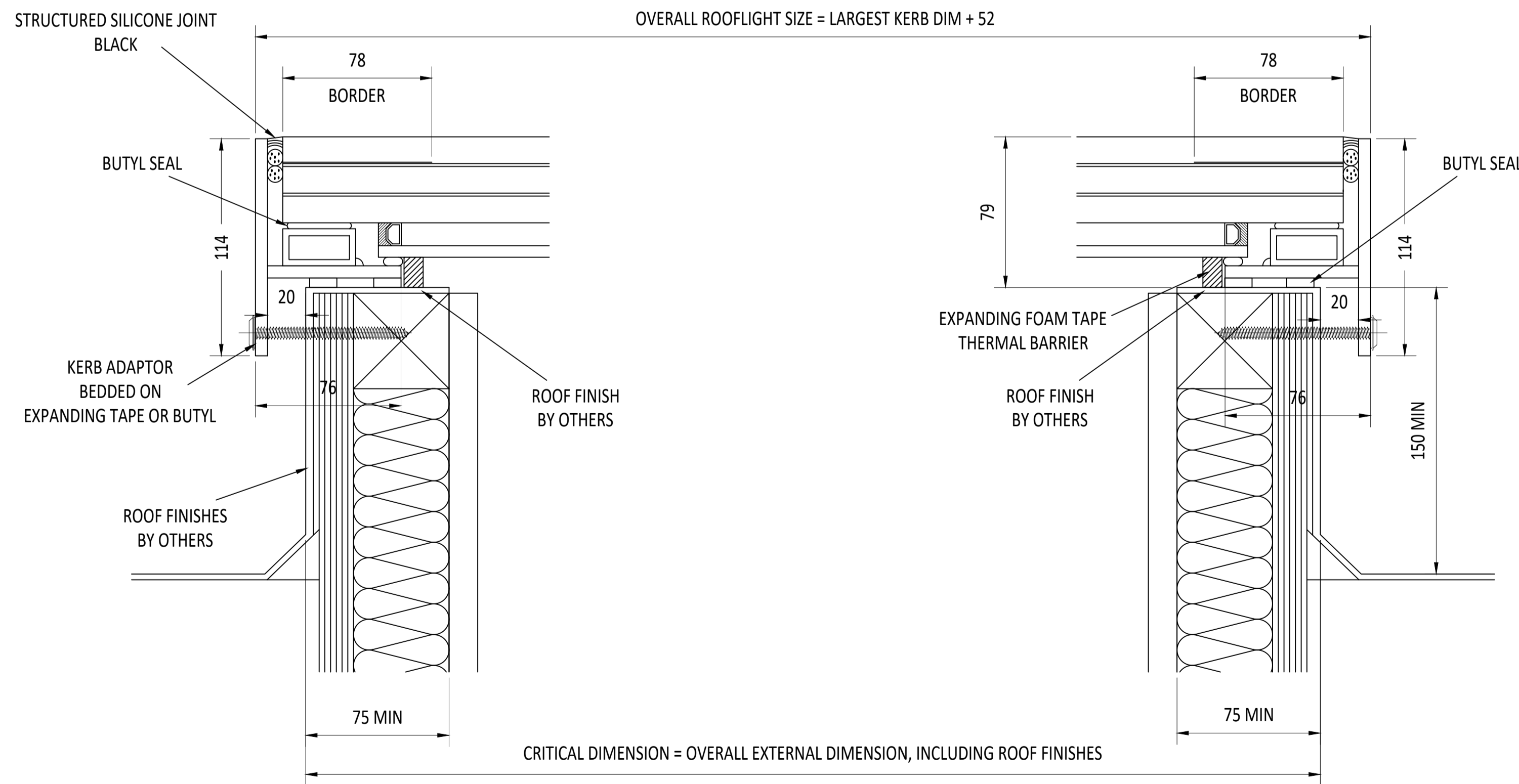


CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS
 BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURROD BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.
 THE MINOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS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

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS



PLAN VIEW
True view on slope



SECTION A-A

SECTION B-B

NOTES

X No. REQUIRED

GLAZING SPECIFICATION:

- OUTER SKIN: 48mm CLEAR TOUGHENED LAMINATED GLASS WITH BLACK PAINTED BORDER TO FACE 2
- CAVITY: 12mm ARGON FILLED + WARM EDGE SPACER
- INNER SKIN: 6mm CLEAR HST TOUGHENED GLASS WITH LOW-E COATING TO CAVITY FACE

SILICONE BONDED

ROOFLIGHT WEIGHT = 116 kg/m² APPROX. (contact technical for exact weights)

FLOOR LOADINGS TO BS EN 1991-1-1:

- 1.5 kN/m² Uniformly distributed load (25.5 or 33 glass)
- 2.0 kN Concentrated load
- 4.0 kN/m² Uniformly distributed load (33 or 39 glass)
- 3.6 kN Concentrated load
- 5.0 kN/m² Uniformly distributed load (39 or 48)
- 4.5 kN Concentrated load

GLASS THICKNESS MAY VARY DEPENDING ON LOADS (33, 39, 48)

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

CENTRE PANE U VALUE = AS LOW AS 1.0W/m².K (as Guardian glass online configurator)

DIMENSIONS SHOWN DOWN THE SLOPE.

DIMENSIONS SHOWN TO TOP OF GLASS ARE APPROXIMATE.

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

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

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

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 ROOFLAZE 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 ROOFLAZE ROOFLIGHTS LIMITED.

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
Fax 01480 474774.

DRAWING N°: RG-80-20-408

TITLE: 48mm WALK ON DIAMETER FLATGLASS TOUGHENED LAMINATE

REV
SIZE
A1

