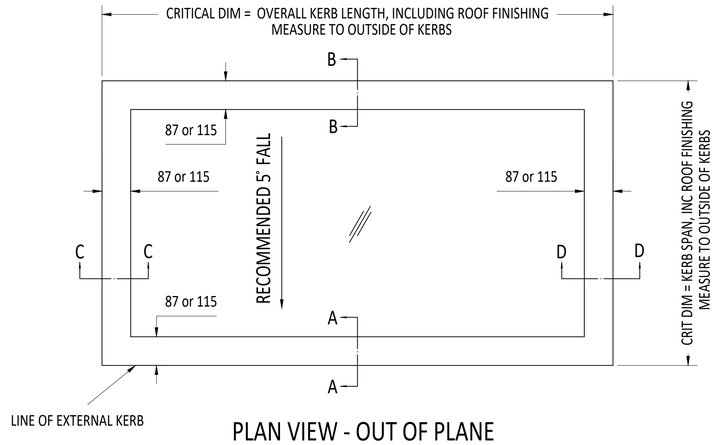
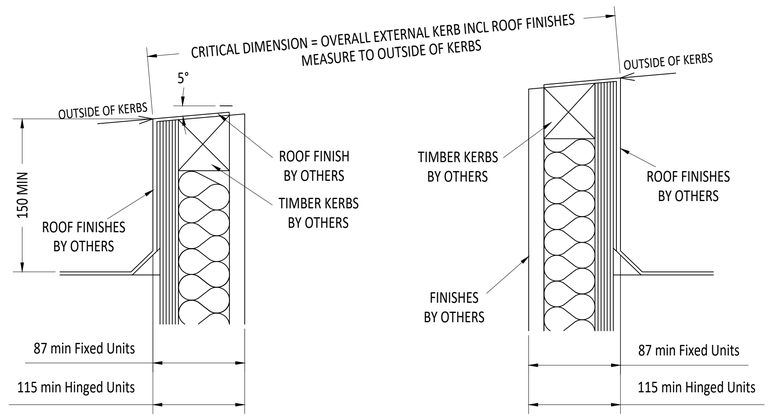
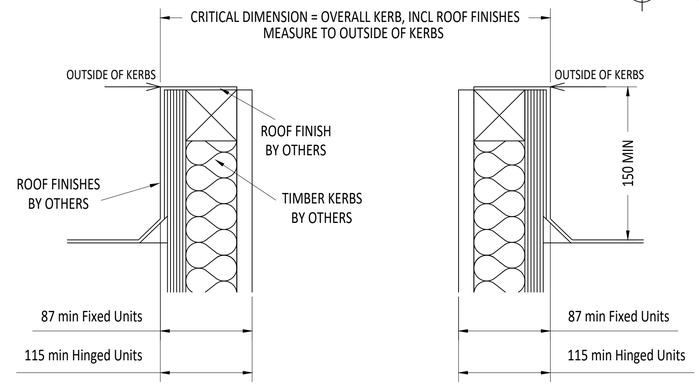


PLAN VIEW - OUT OF PLANE
True view on slope



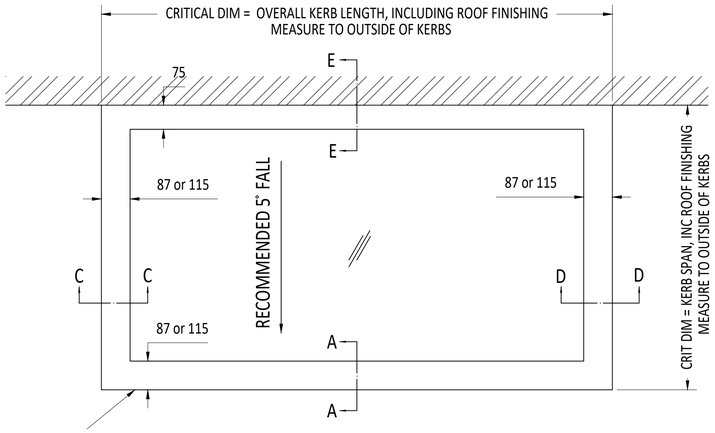
SECTION A-A

SECTION B-B

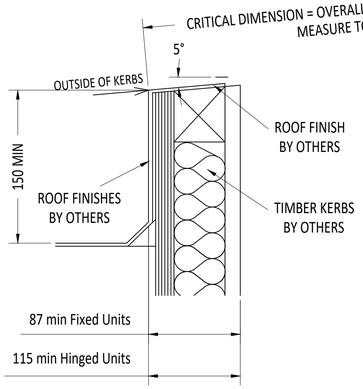


SECTION C-C

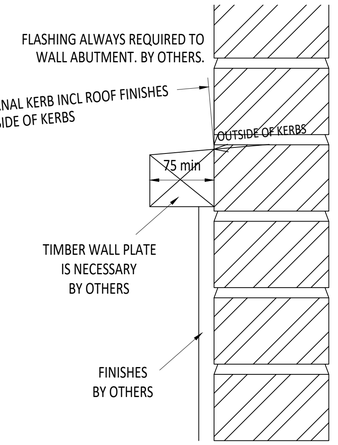
SECTION D-D



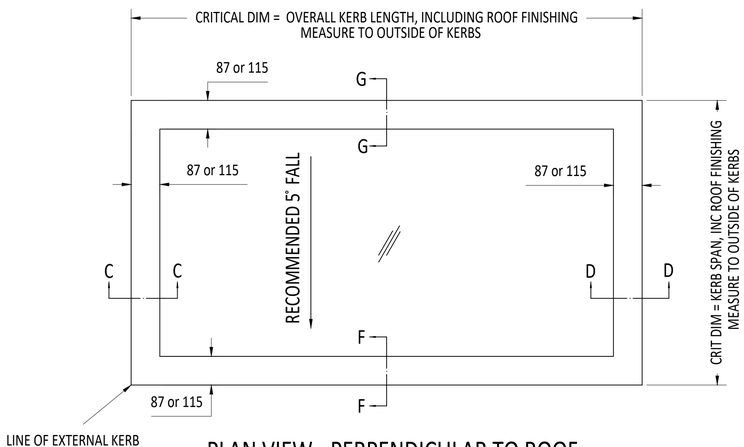
PLAN VIEW - WALL ABUTMENT
True view on slope



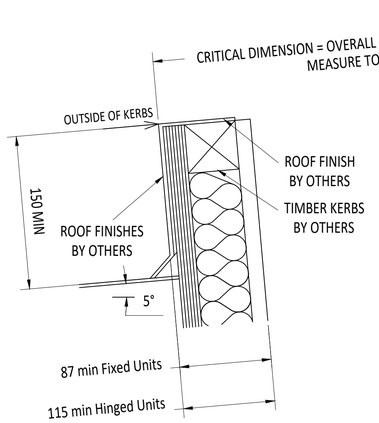
SECTION A-A



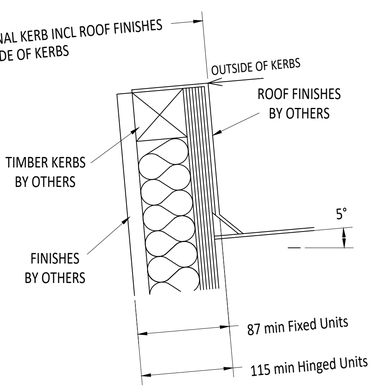
SECTION E-E



PLAN VIEW - PERPENDICULAR TO ROOF
True view on slope



SECTION F-F



SECTION G-G

NOTES

THE TOP OF THE KERB MUST BE LEVEL, FLAT AND IN ONE CONTINUOUS PLANE SO THAT A WEATHER TIGHT SEAL CAN BE FORMED AND TO STOP THE ROOFLIGHT FROM DISTORTING AND CAUSING POTENTIAL DAMAGE TO THE FRAME, WEATHER SEALS AND THE GLASS.

STANDARD FRAME TOLERANCE = APPROX. 23mm EACH END (to outside of frame).

STANDARD DESIGN WIND LOAD = 750 N/m². (Please inform us if you require a higher load for wind etc.)
STANDARD DESIGN SNOW LOAD = 640 N/m².

DIMENSIONS NEED TO BE SUPPLIED DOWN THE SLOPE.

KERB DETAILS SHOWN INDICATIVE. DETAILED DESIGN BY OTHERS. MUST BE STRUCTURALLY ADEQUATE.

IF KERBS ARE MORE THAN 130mm THICK INCLUDING FINISHES, AN AIR CIRCULATION GAP SHOULD BE CONSIDERED UNDER THE GLASS TO AVOID HEAT BUILD UP BETWEEN ANNEALED LAMINATED GLASS AND THE KERB TOP.

FOR MULTI PANE AND MANUAL HINGED ROOFLIGHTS PLEASE SUPPLY FINISHED KERB THICKNESSES INCLUDING ALL INTERNAL FINISHES.

MEASURE KERBS AT CORNERS AS WELL AS AT THE MIDDLE AS FELT MAY 'RUCK' UP OR 'BULGE' AT THE CORNERS, REDUCING TOLERANCE FOR THE ROOFLIGHT.

WALL PLATE FOR WALL ABUTTING ROOFLIGHTS IS NECESSARY AND MUST BE SUPPLIED BY OTHERS. MUST BE STRUCTURALLY ADEQUATE. DESIGN BY OTHERS.

MULTI PANE UNITS MORE THAN 3.2m DOWN THE SLOPE WILL REQUIRE AN INTERMEDIATE SUPPORT AT MID SPAN, BY OTHERS. DETAILED DESIGN REQUIRED, SEEK TECHNICAL ADVICE.

KERB MATERIAL MUST BE SPECIFIED SO THAT WE CAN SUPPLY THE CORRECT FIXING SCREWS.

MINIMUM PITCH = 0°, MAXIMUM PITCH = 25° WITHOUT A HEAD FLASHING. OVER 25° ROOFGLAZE WOULD RECOMMEND A LEAD FLASHING OR SIMILAR BE USED AT THE HEAD TO AVOID WATER INGRESS. FLASHING BY OTHERS.

MAX. PITCH FOR SLIDING UNITS IS 5°.

A MINIMUM FALL OF 5° IS RECOMMENDED TO HELP SHED WATER BUT MOST FLATGLASS UNITS CAN BE INSTALLED FLAT, IF WATER POOLING IS NOT CONSIDERED AN ISSUE. MULTI PANE UNITS SHOULD ALWAYS HAVE A FALL.

ALL DIMS SHOWN TO HELP HIDE GLAZING FRAME WHEN VIEWED FROM BELOW. BIGGER KERB WIDTHS ARE ACCEPTABLE.

THE KERBS SHOWN IS NOT AN EXHAUSTIVE LIST. IF YOUR KERB TYPE IS NOT SHOWN OR YOU HAVE ANY QUERIES AT ALL, PLEASE CONTACT TECHNICAL FOR ASSISTANCE.

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.

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.

THIS DRAWING MUST NOT BE COPIED OR PASSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT FROM THE MANUFACTURER.

CHECKED	D. PUGH
DATE	01-02-2021
DRAWN	A. PHILLIPS
DATE	01-02-2021
TOLERANCE UNLESS OTHERWISE STATED	±2.5
DIMENSIONS IN	MM
SCALE	1:3 & 1.8 @ A1
MATERIAL	TIMBER, CONCRETE, METAL OR SIMILAR
FINISH	BY OTHERS

REV	AMENDMENTS	SIGNED	CHECKED	DATE

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

DRAWING N°. RG-80-9001

REV

SIZE A1

TITLE: SKYWAY FLATGLASS
CRITICAL KERB DIMENSIONS

ROOFGLAZE
Lighting by nature™