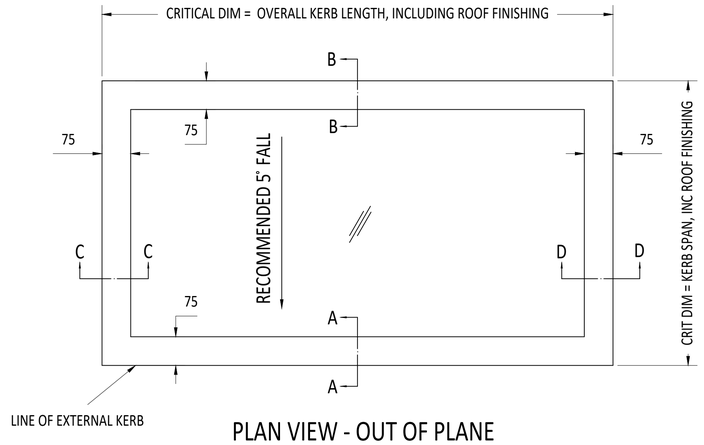
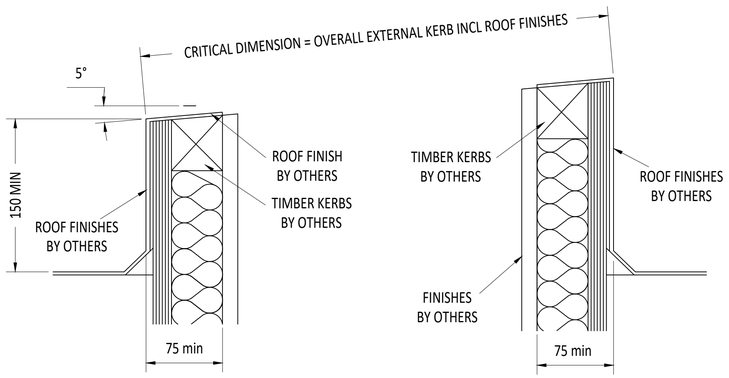
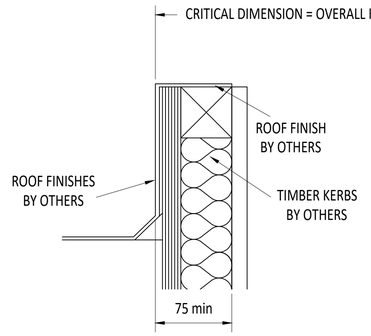


PLAN VIEW - OUT OF PLANE
True view on slope

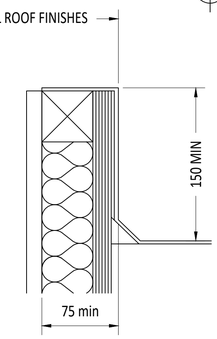


SECTION A-A

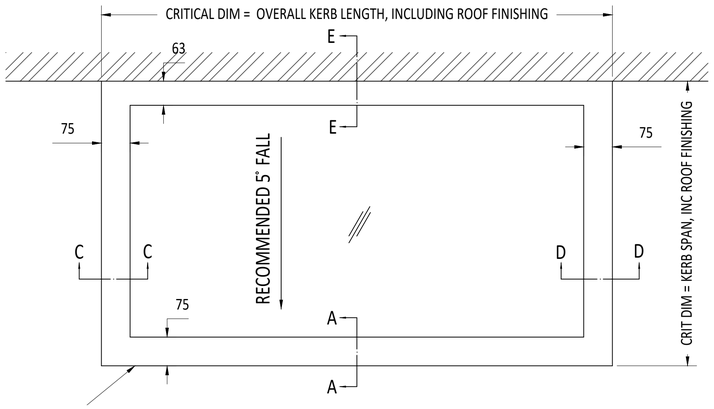
SECTION B-B



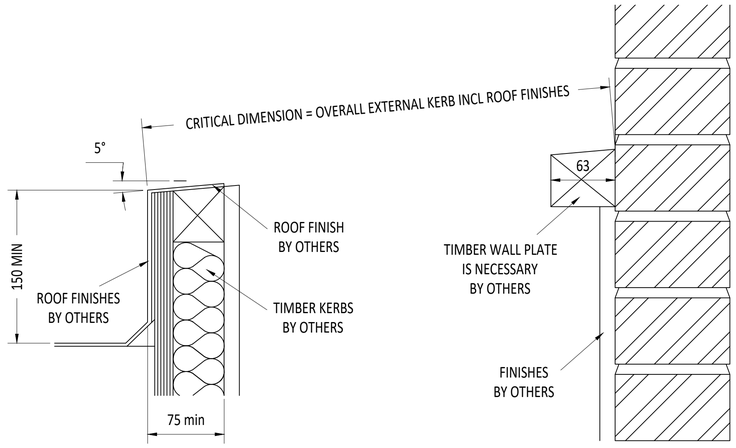
SECTION C-C



SECTION D-D

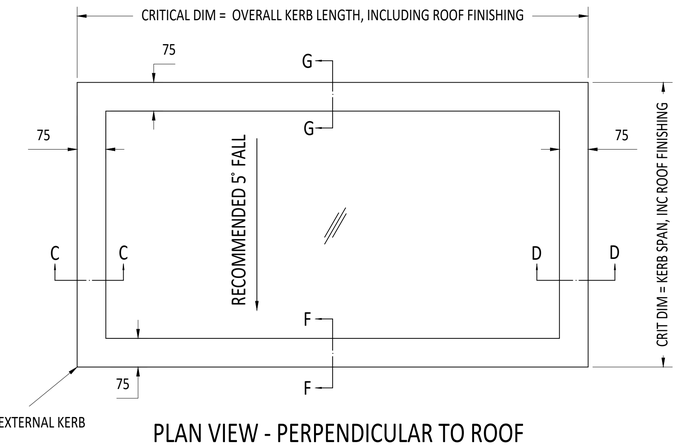


PLAN VIEW - WALL ABUTMENT
True view on slope

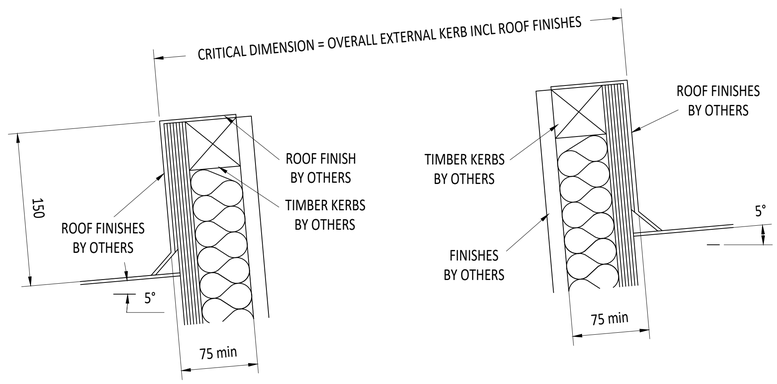


SECTION A-A

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 GLASS.

STANDARD FRAME TOLERANCE = 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.

IF KERBS ARE MORE THAN 130mm THICK INCLUDING FINISHES, AN AIR CIRCULATION GAP MUST BE USED 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.

MULTI PANE UNITS MORE THAN 3.2m DOWN THE SLOPE WILL REQUIRE AN INTERMEDIATE SUPPORT AT MID SPAN, BY OTHERS.

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 BE USED AT THE HEAD TO AVOID WATER INGRESS. LEAD 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. MULTIPANE UNITS SHOULD ALWAYS HAVE A FALL.

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

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.

CHECKED C. MITCHELL
DATE 03-05-2016
DRAWN D. PUGH
DATE 03-05-2016

TOLERANCE UNLESS OTHERWISE STATED ±5
DIMENSIONS IN MM
SCALE 1:3 & 1.8 @ A1

MATERIAL TIMBER, CONCRETE OR METAL
FINISH

REV	AMENDMENTS	SIGNED	CHECKED	DATE

Roofglaze Rooflights Ltd,
11 Howard Road, Eaton Socon, St Neots, Cambs, PE19 8ET
Telephone 01480 474797
Fax 01480 474774.

Roofglaze Rooflights

TITLE: FLATGLASS CRITICAL KERB DIMENSIONS

A 1

DRAWING N°. RG-80-9000

SHEET 1 OF 1

REV