

NOTES

1 NUMBER REQUIRED

GLASS SPEC:  
OUTER : Xmm HST TOUGHENED GLASS  
CAVITY : 20mm ARGON FILLED + WARM EDGE SPACER + DC3363 UV  
RESISTANT SILICONE EDGE SEAL  
INNER : Xmm HST TOUGHENED OR Xmm LAMINATED GLASS + LOW E  
COATING

- LIGHT TRANSMISSION = 78 %
- CENTRE PANE U VALUE = 1.1 W/m².K
- SOLAR G VALUE = 0.63
- GLASS ACOUSTIC REDUCTION = 35 (6/6) 39 (6/8.8) Rw dB
- AIR PERMEABILITY = CWCT CLASS A4
- WEATHER RESIANCE = CWCT CLASS A7
- WIND RESISTANCE = CWCT CLASS E2400
- WEIGHT = xx KG
- DOWSIL 3363 UV RESISTANT SILICONE EDGE SEALS TO IGU
- DOWSIL 791 UV RESISTANT EDGE SEALS TO FRAME
- AA FIRE-RATED: AA DESIGNATION (NATIONAL CLASS) OR bROOF (T4)  
EUROPEAN CLASS AND EURO CLASS A1 NON-COMBUSTIBLE
- LOADS = 750N/m² WIND & 640N/m² SNOW

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS

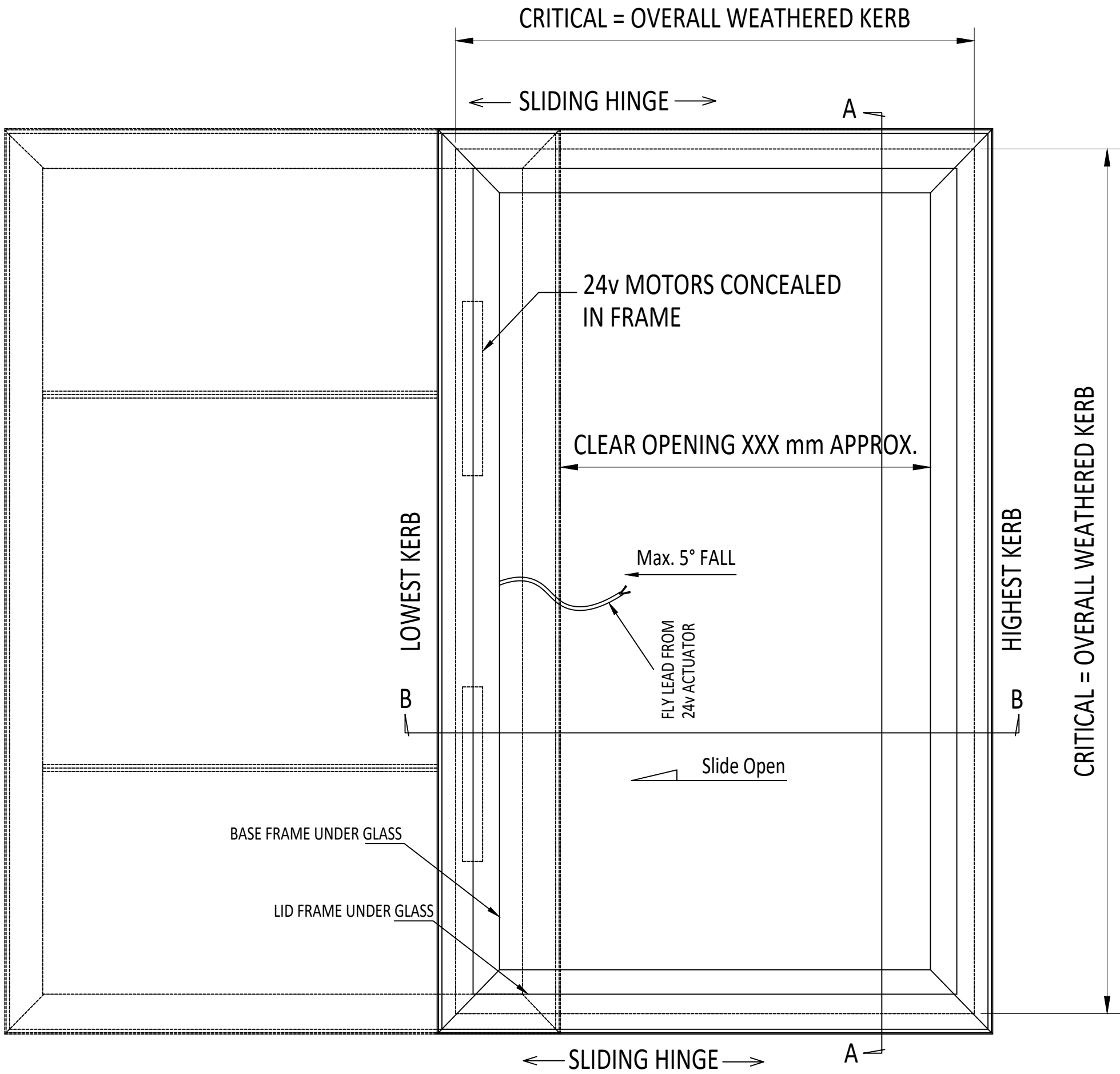
GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE ILLBRUCK TN136  
KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS

MIN. 5° FALL RECOMMENDED TO HELP SHED WATER, BUT LIMIT FALL TO 5°.

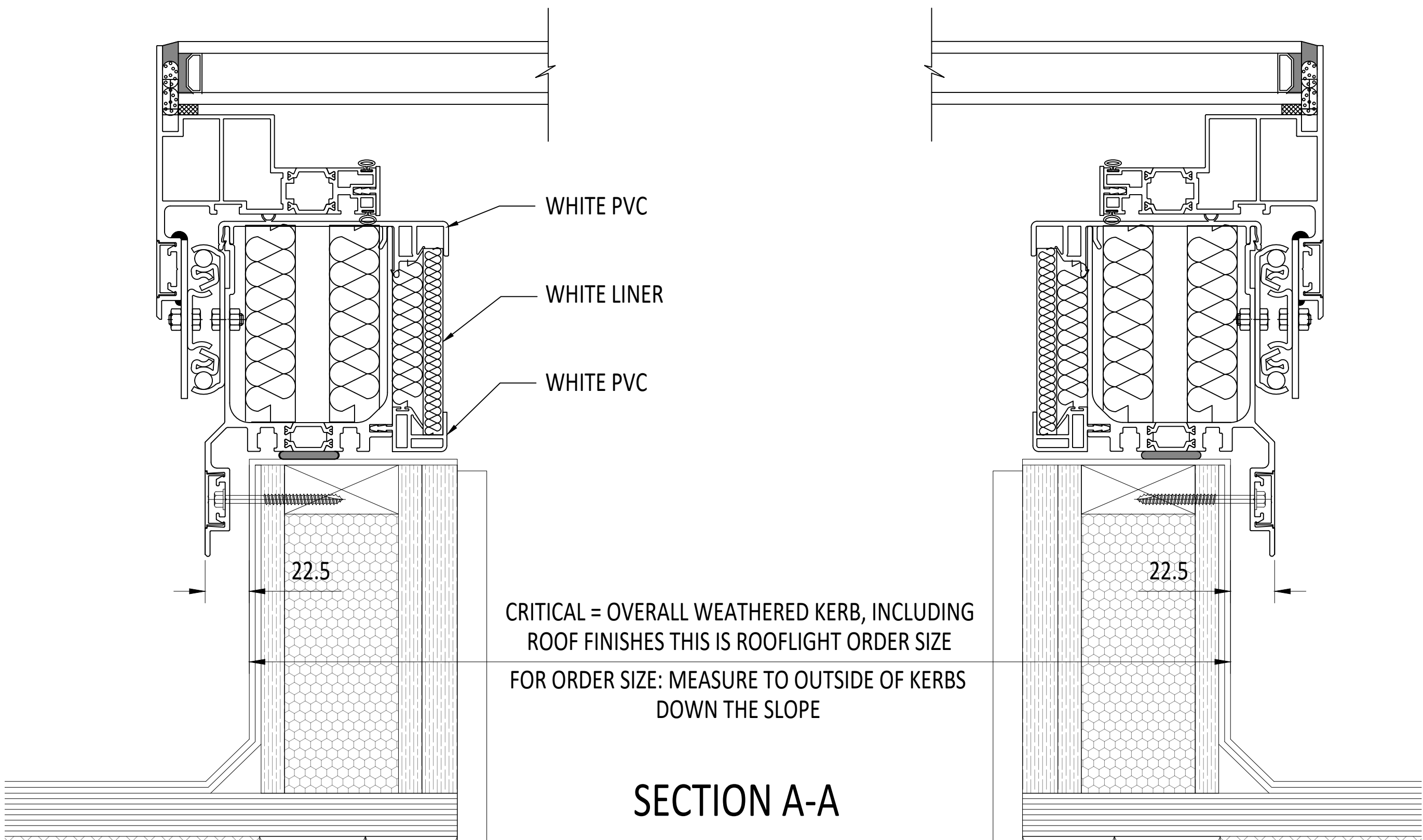
LID TO ALWAYS SLIDE UP AND DOWN.

CHAIN STROKE IS KERB SIZE DEPENDANT. TRANSFORMER WALL SWITCH  
SUPPLIED AS STANDARD. POWERED BY 24v CHAINLINK ACTUATORS, ALL  
ELECTRICAL COMMISSIONING BY OTHERS. OTHER SWITCH OR CONTROL  
OPTIONS, SUCH AS REMOTE OPERATION AND MULTI-ROOFLIGHT CONTROL  
AVAILABLE UPON REQUEST.

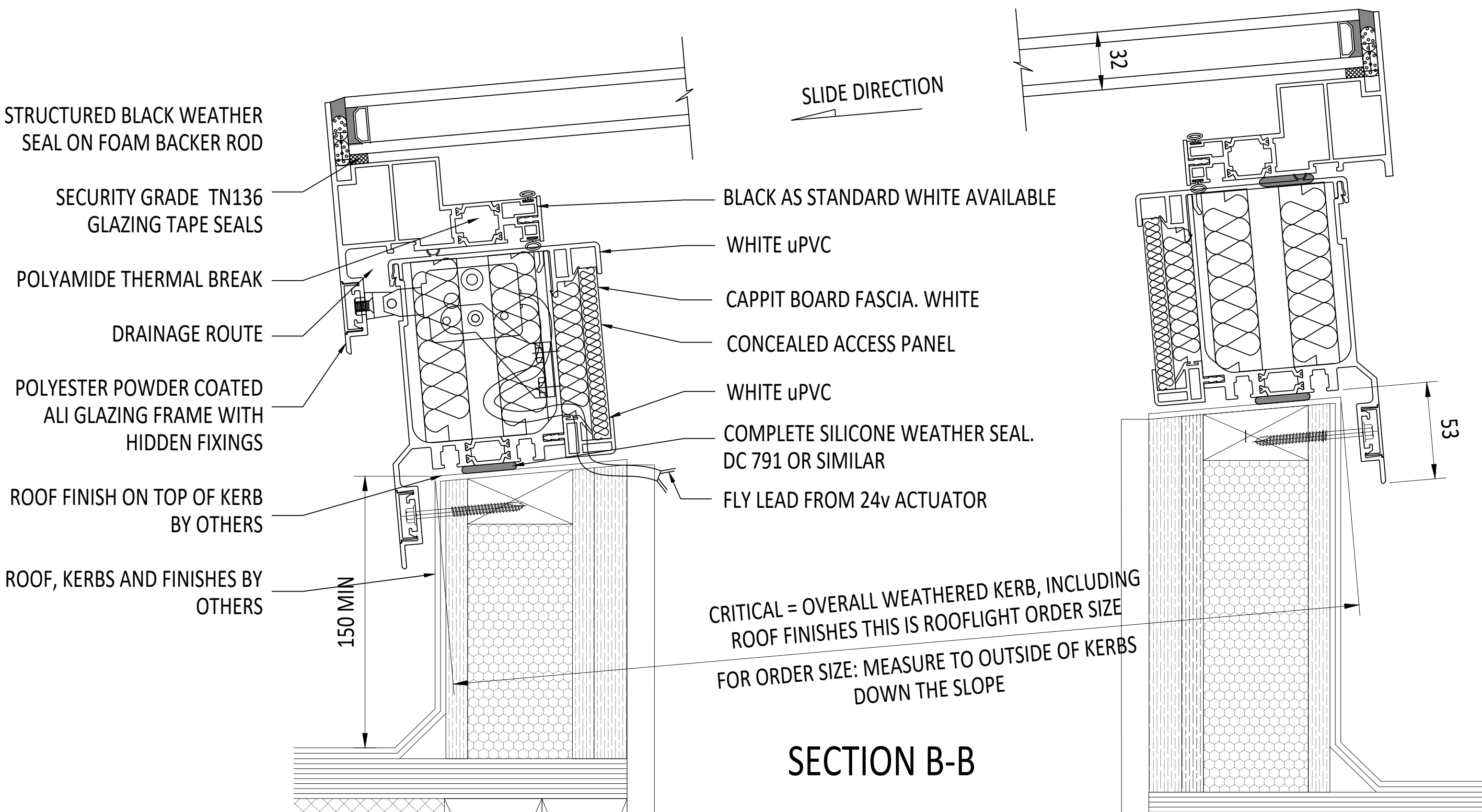
IF ROOFLIGHT IS NOT ORIENTATED THIS WAY  
THERE IS A CHANCE THAT THE CHAIN MAY BUCKLE



EXTERNAL PLAN VIEW  
TRUE VIEW ON SLOPE



SECTION A-A



SECTION B-B

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.

FALL FROM HEIGHTS DURING INSTALLATION.

KERB DETAILS SHOWN INDICATIVE  
ONLY. DETAILED DESIGN BY OTHERS

230v MAINS POWER

COMMON EARTH LIVE

LIVE OPEN LIVE CLOSE

MOTOR FLYLEAD

REMOTE FOB

MANUAL SWITCH

COMES AS STANDARD

24v ACTUATOR WITH TRANSFORMER SWITCH OPTIONS:

- MANUAL WALL SWITCH (STANDARD)
- OPTIONAL EXTRAS
  - REMOTE FOB
  - WIRED RAIN SENSOR
  - WIRELESS RAIN SENSOR
  - WIND AND RAIN SENSOR
  - WI-FI WALL SWITCH WITH SMART APP
  - MULTI-UNIT CONTROL PANEL
  - BATTERY BACK-UP CONTROL PANEL
  - REMOTE SWITCH
  - SLAVE SWITCH
  - MULTI-CHANNEL OPTIONS

WIRED OR WIRELESS RAIN SENSOR

MOTOR & SENSOR FLY LEADS MUST BE WIRED BACK TO SWITCH.

MOTOR FLY LEAD EXITS FRAME CENTRALLY OPPOSITE THE HINGE SIDE.

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  
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 warranty, 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 R. P.  
DATE 10-05-2024  
DRAWN D. P.  
DATE 10-05-2024

TOLERANCE UNLESS  
OTHERWISE STATED ±5  
DIMENSIONS IN MM  
SCALE 1:2, 1:10 @ A1

MATERIAL ALUMINIUM + GLASS  
FINISH MARINE GRADE POLYESTER  
POWDER COAT OPTIONS: RAL 7016  
ANTHRACITE GREY or RAL 9005 BLACK  
30% GLOSS (MATT)

REV AMENDMENTS  
SIGNED  
CHECKED  
DATE

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

TITLE:  
SKYWAY 24v SLIDING FLATGLASS  
KERBS BY OTHERS

DRAWING N°:  
RGR-HV-24-397

REV  
SIZE  
A1

ROOFGLAZE  
Lighting  
by nature™