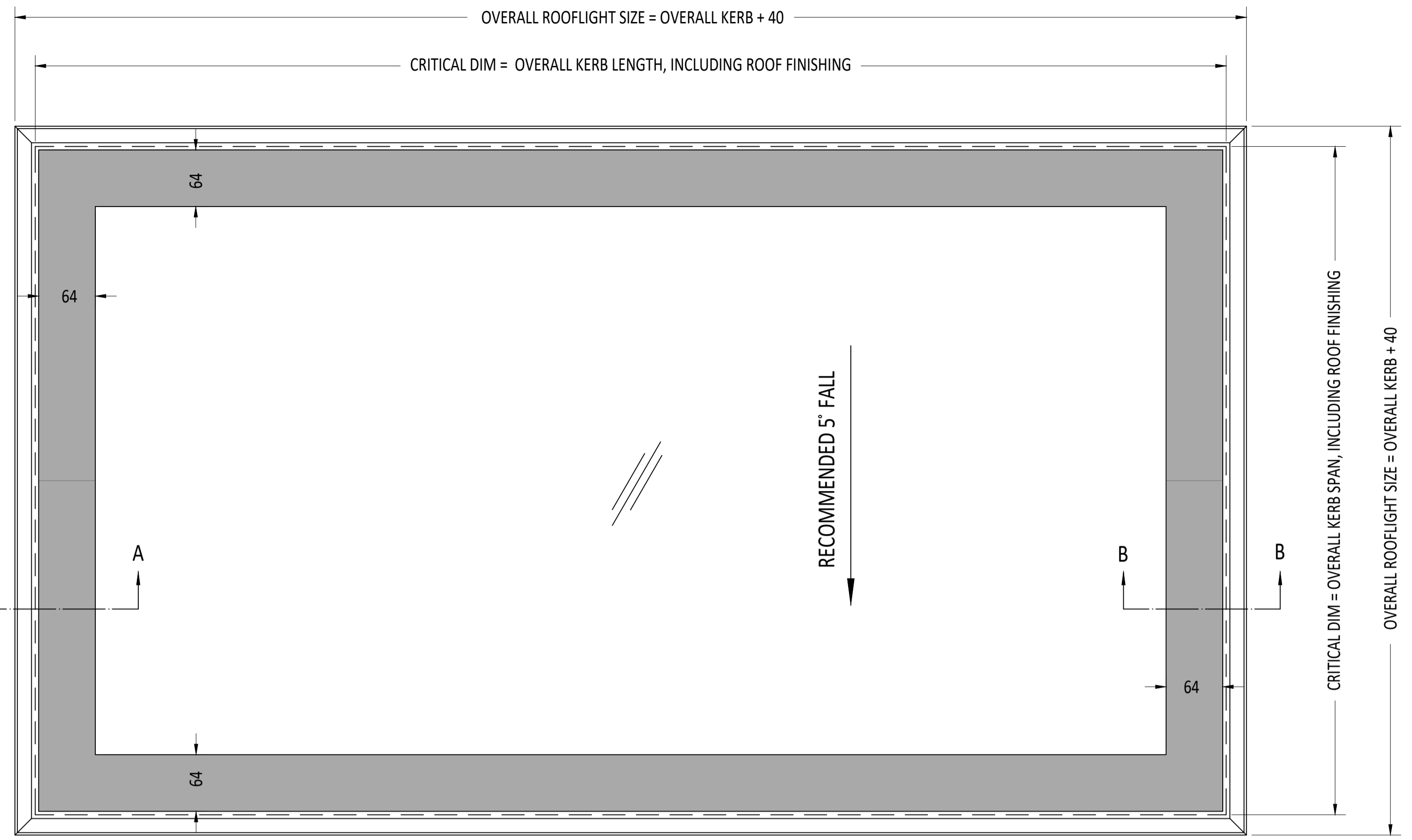


CDM :HAZARD IDENTIFICATION - HANDLING MATERIALS
 BE AWARE OF SHARP EDGES AND CORNERS WHEN HANDLING MATERIALS. MOST EDGES AND CORNERS WILL BE DEBURR'D BUT THERE IS STILL A SMALL RISK. WEAR APPROPRIATE PPE REQUIRED FOR THE TASK.
 THE MHOR 1992 SET OUT A CLEAR RANKING OF MEASURES FOR DEALING WITH RISKS 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.

KERB DETAILS SHOWN INDICATIVE ONLY. DETAILED DESIGN BY OTHERS



NOTES

GLASS SPEC:

OUTER : 33mm CLEAR TOUGHENED AND LAMINATED GLASS
 CAVITY : 16mm ARGON FILLED + WARM EDGE SPACER
 INNER : 6mm CLEAR HST TOUGHENED GLASS + LOW E TO CAVITY FACE
 SILICONE BONDED

ROOFLIGHT ORDER SIZE = OVERALL FINISHED AND WEATHER KERB DIMS,
 INTERNAL OPENING SIZE IS NOT RELEVANT TO ROOFGLAZE AT ORDER STAGE.

GLASS BONDED TO FRAME WITH GLAZING SECURITY TAPE.

KERB DETAILS SHOWN INDICATIVE DETAILED DESIGN BY OTHERS.

RECOMMENDED FALL SHOWN TO HELP SHED WATER ONLY.

PRODUCT U-VALUE = AS LOW AS 1.4 W/m².K (u-values are size dependant)
 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 (25.5, 33, 39, 48)

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

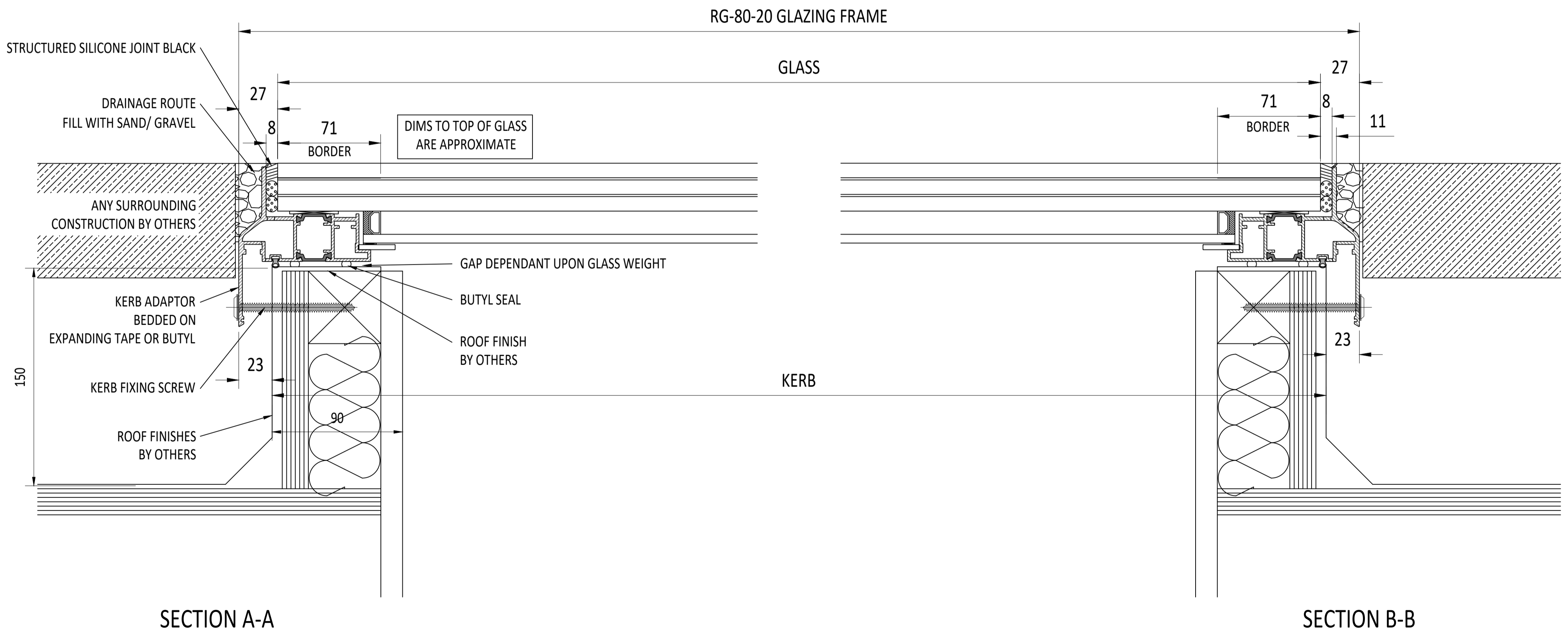
CENTRE PANE U VALUE = AS LOW AS 1.0W/m².K
 (as Guardian glass online configurator)

DIMENSIONS SHOWN DOWN THE SLOPE.

DIMENSIONS SHOWN TO TOP OF GLASS ARE APPROXIMATE.

SEALING TO SURROUNDING CONSTRUCTION BY OTHERS.

RGR WOULD ALWAYS RECOMMEND AN ANTI-SLIP COATING TO WALK ON GLASS.



**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 ROOFLIGHTS & GLAZING DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.

Rooflights & Glazing 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, Rooflights & Glazing 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 ROOFLIGHTS & GLAZING.

CHECKED C. MITCHELL
 DATE 12-06-2018
 DRAWN D. PUGH
 DATE 12-06-2018

TOLERANCE UNLESS OTHERWISE STATED ±5

DIMENSIONS IN MM

SCALE 1:2 & 1:5 @ A1

MATERIAL ALUMINIUM + GLASS

FINISH POLYESTER POWDER COATING

REV	AMENDMENTS	SIGNED	CHECKED	DATE

Rooflights and Glazing,
 Unit 5, Ironbridge Industrial Estate, 397 Retford Road, Sheffield, S13 9WA
 Telephone 0114 408 1000
 Fax 0114 238 5511.

TITLE: **FIXED DOUBLE GLAZED WALK ON FLATGLASS**

Helping Daylight do its work!

DRAWING N°: **A1 RGR-80-20-400**