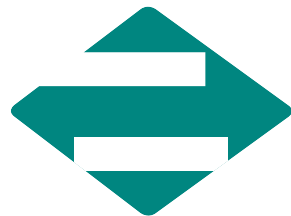


NuKlip

Flush Glazing

Technical Catalogue



almin

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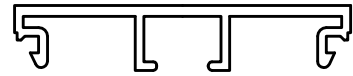


NOTES ON FLUSH GLAZING

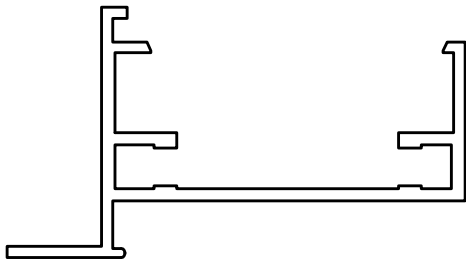
These notes are guide lines and give basic and general information on flush glazing, and have been written in consultation with the major distributors of Structural Silicones. The approved Silicone distributors will advise on complete specifications and must endorse the final design and the proposed glazing procedures.

1. CLEANLINESS is the single MOST IMPORTANT aspect of flush glazing.
2. Glass for glazing should be polished all round.
3. Glass and aluminium to be thoroughly cleaned with appropriate cleaning solvent such as "M.E.K" . Care should be taken with painted or powder coated surfaces. (Consult the approved silicone distributor).
4. Thermal Bond Tape used MUST NOT BE LESS than 6mm thick. The tape-liner should only be removed just prior to placing the glass into the position, and immediately followed by the structural silicone application.
5. The structural Silicone should be applied in a manner agreed upon with the approved silicone distributor.
6. The Bond-Breaker such as polyethylene foam cord must be inserted as indicated on the detailed drawings on the adjacent page.
7. Glass edge can be sealed with any suitable silicone seal compatible with the laminated glass membrane.
8. Glazing should be carried out horizontally and under factory conditions if on-site glazing is to be done for roof lights or replacements and the like, use silicone setting blocks.
9. All materials such as bond tape, bond breaker, setting blocks and other sealants MUST be compatible with the structural silicone used.
10. Allow adequate time (approximately 14 days) for curing of the structural silicone BEFORE tipping or removing the flush glazed frame. (Consult the approved silicone distributor).
11. As a guide, an all-round structural silicone fill of 6mm * 15mm is adequate for most cases of prevailing wind loads and frame sizes in Southern Africa. (Consult the approved silicone distributor).

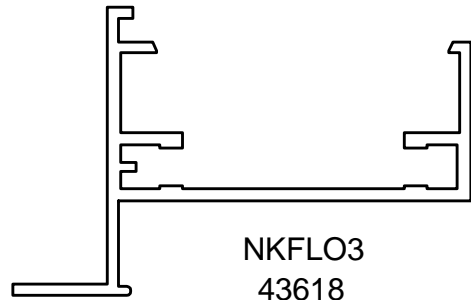
TECHNICAL DATA



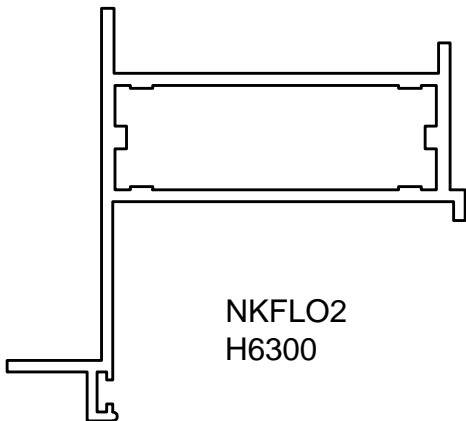
NKCAP
37892



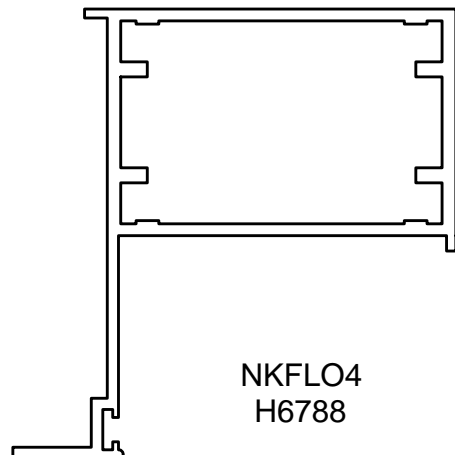
NKFLO1
37888



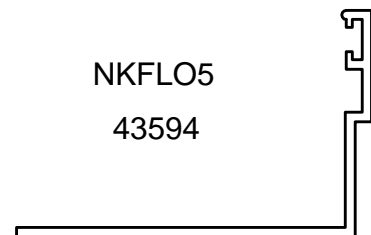
NKFLO3
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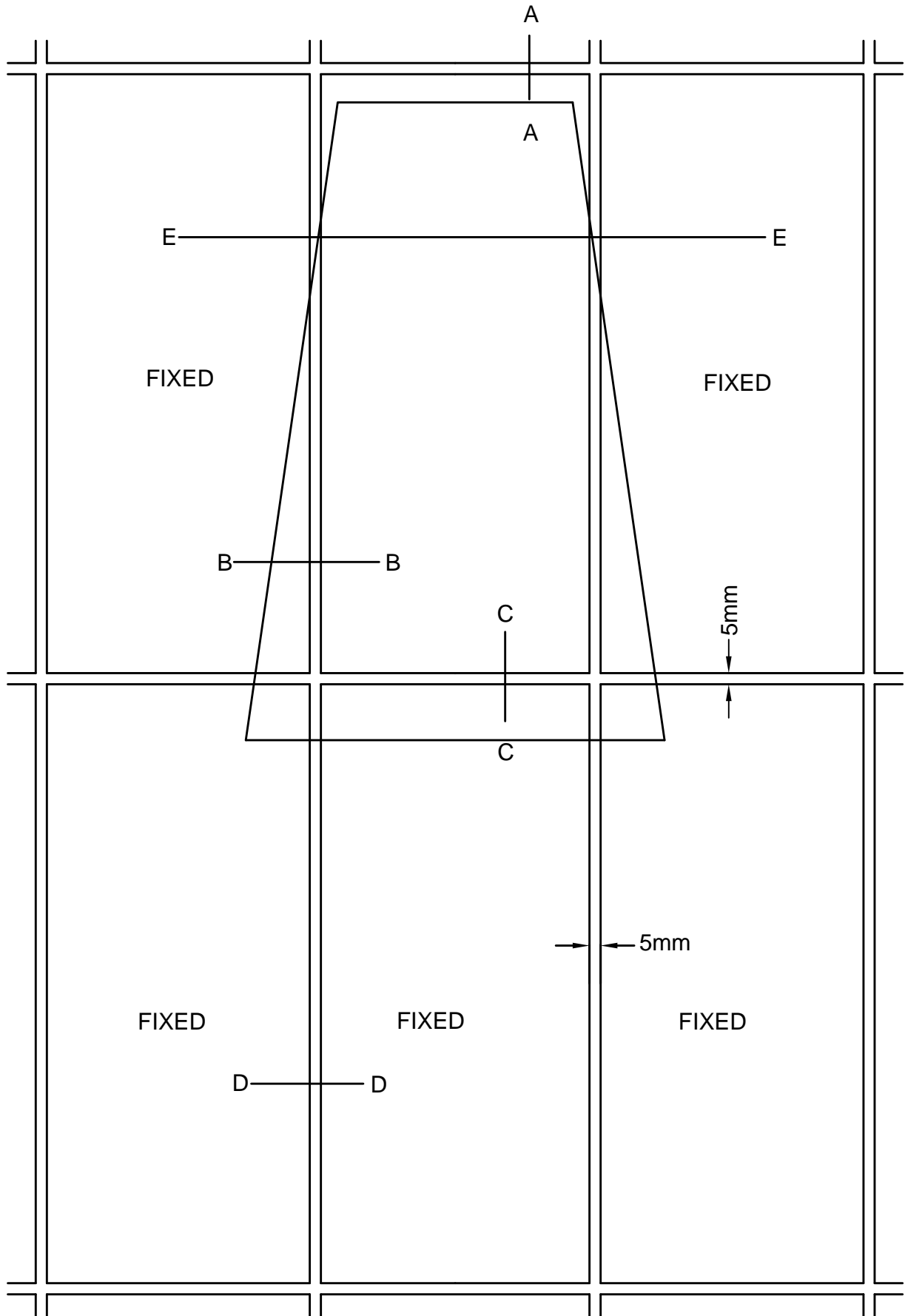
NKFLO2
H6300



NKFLO4
H6788



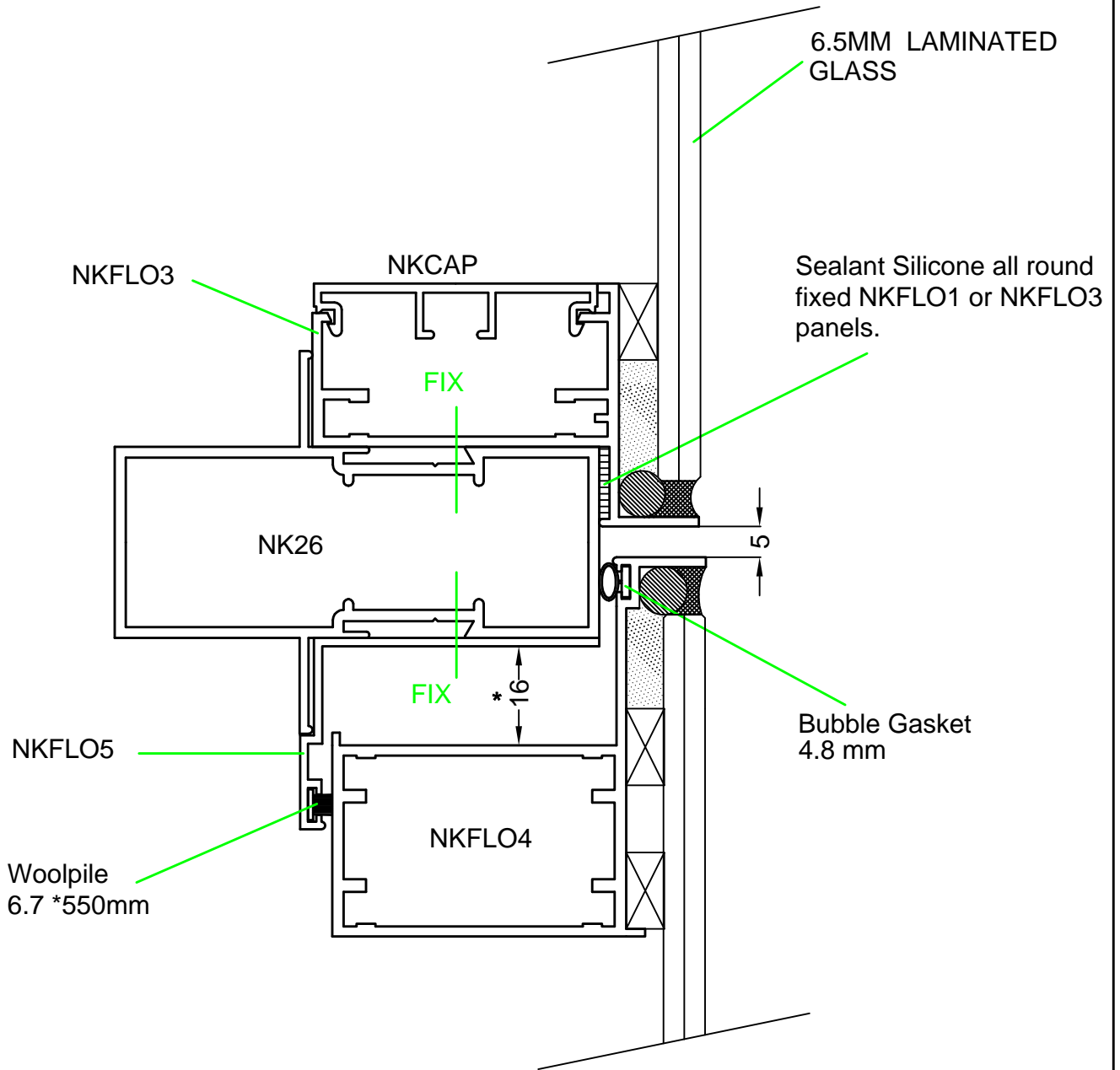
NKFLO5
43594



TYPICAL FLUSH GLAZED CURTAIN WALL WITH PROJECT-OUT VENT



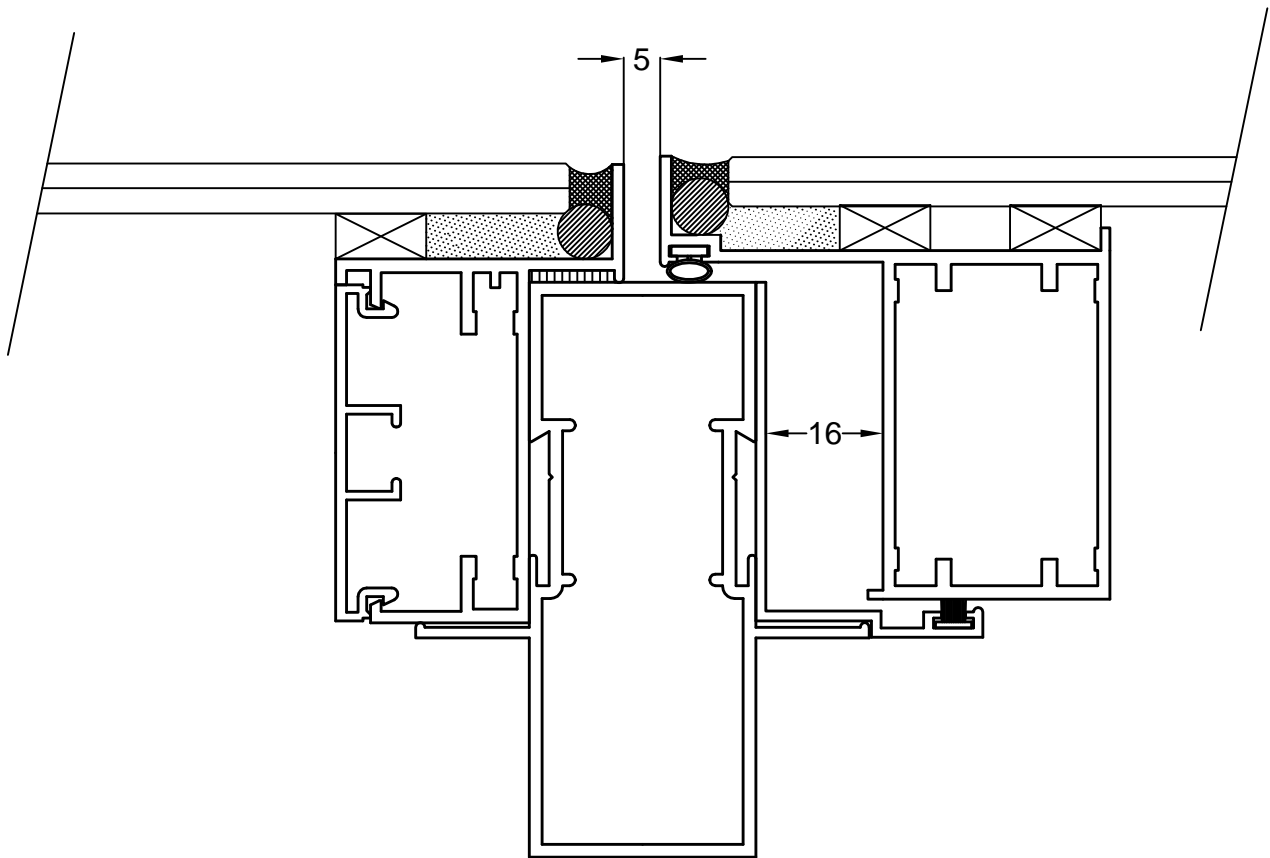
SECTION A - A



* Adjust size of Cavity to Friction Stay thickness.



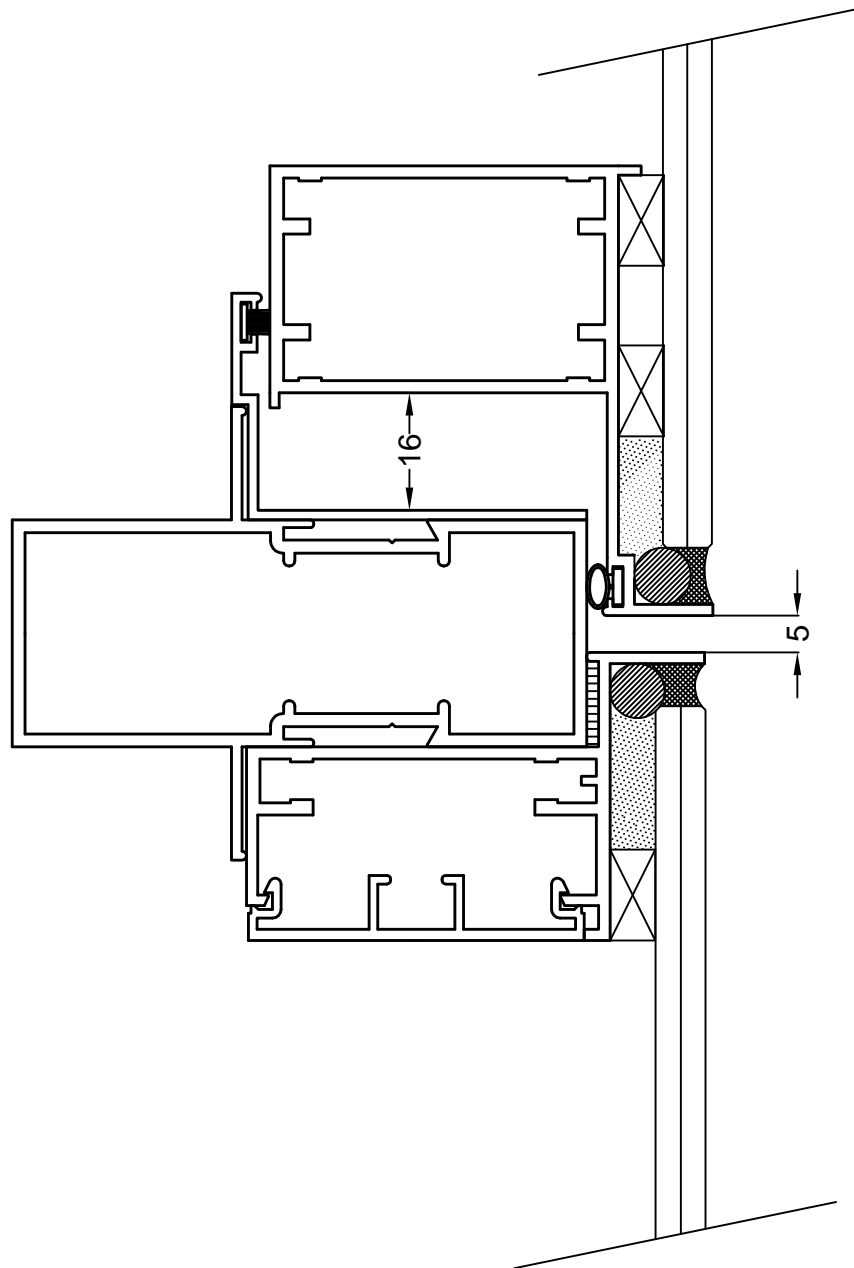
SECTION B-B



TYPICAL FLUSH GLAZED CURTAIN WALL WITH PROJECT-OUT VENT



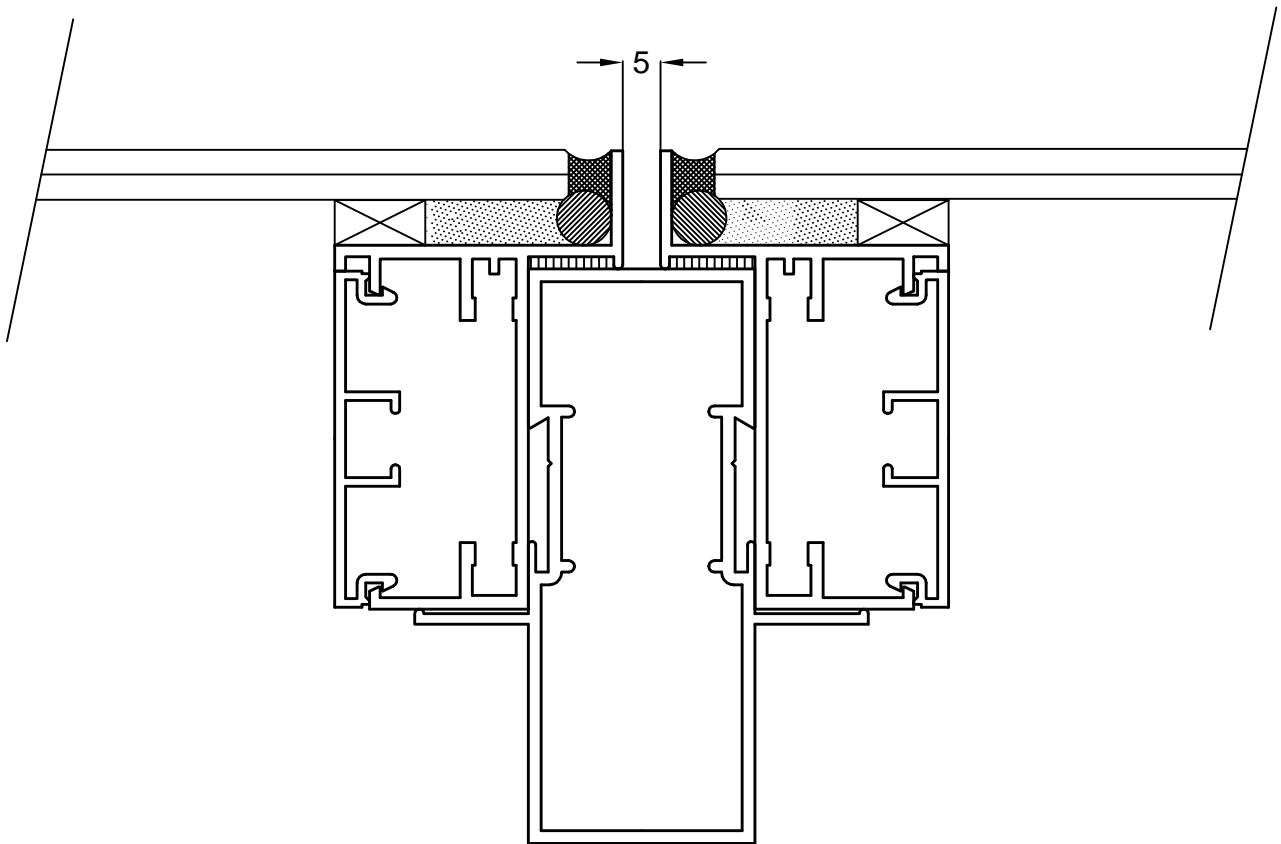
SECTION C-C



TYPICAL FLUSH GLAZED CURTAIN WALL WITH PROJECT-OUT VENT



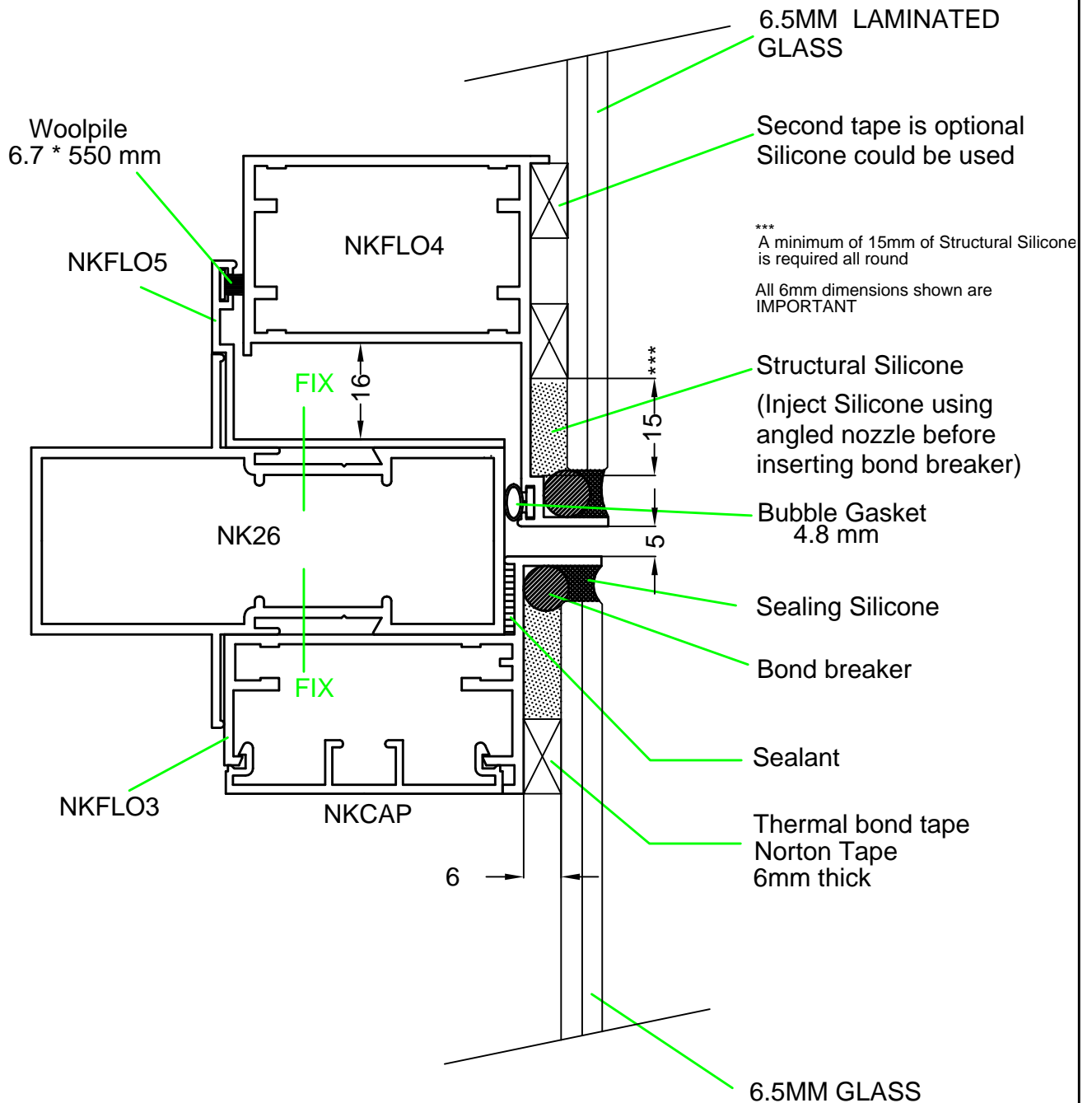
SECTION D-D



TYPICAL FLUSH GLAZED CURTAIN WALL WITH PROJECT-OUT VENT



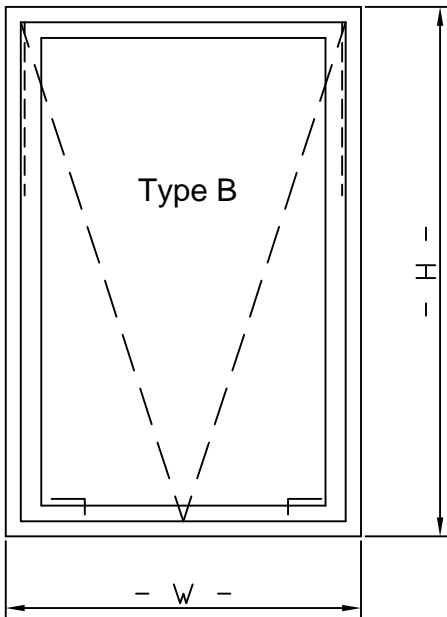
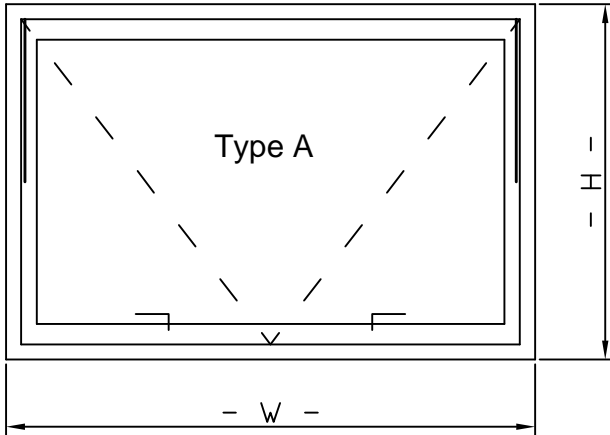
GLAZING DETAILS



TYPICAL FLUSH GLAZED CURTAIN WALL WITH PROJECT-OUT VENT



Note:
For sash width > 700mm use TWO handles



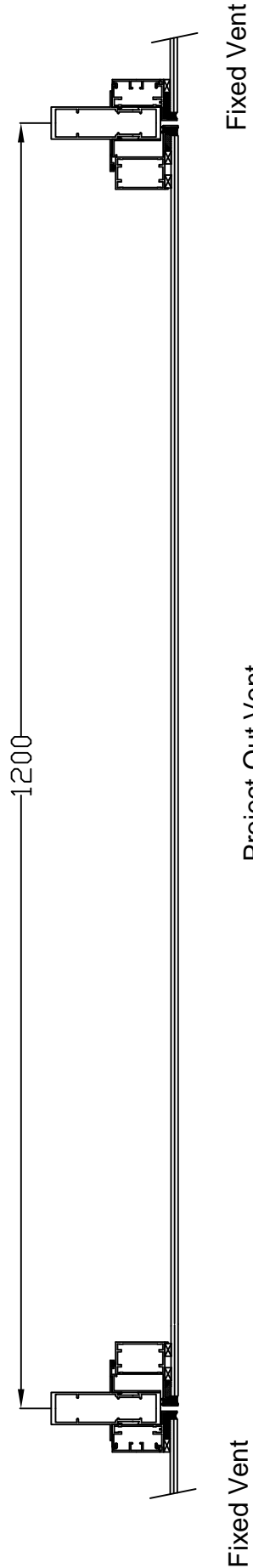
	W mm	H mm	Max Glass Thickness
A			
Top Hung			
NKFLO2	1500	1200	6.5mm
B			
Top Hung			
NKFLO2	900	1800	6.5mm
C			
Side Hung			
NKFLO2	600	1500	6.5mm

- The above recommended maximum sizes are a combination of the following considerations:
- 1) Windloading of 1000Pa.
 - 2) Maximum deflection the lower of L/175 or 20mm.
 - 3) Capabilities of interlock Friction Stays held in stock.
 - 4) The industry practical multiples of 300mm for window sizes.

**RECOMMENDED MAXIMUM SIZES FOR PROJECT-OUT SASHES
INCOPORATING INTERLOCK FRICTION STAYS**



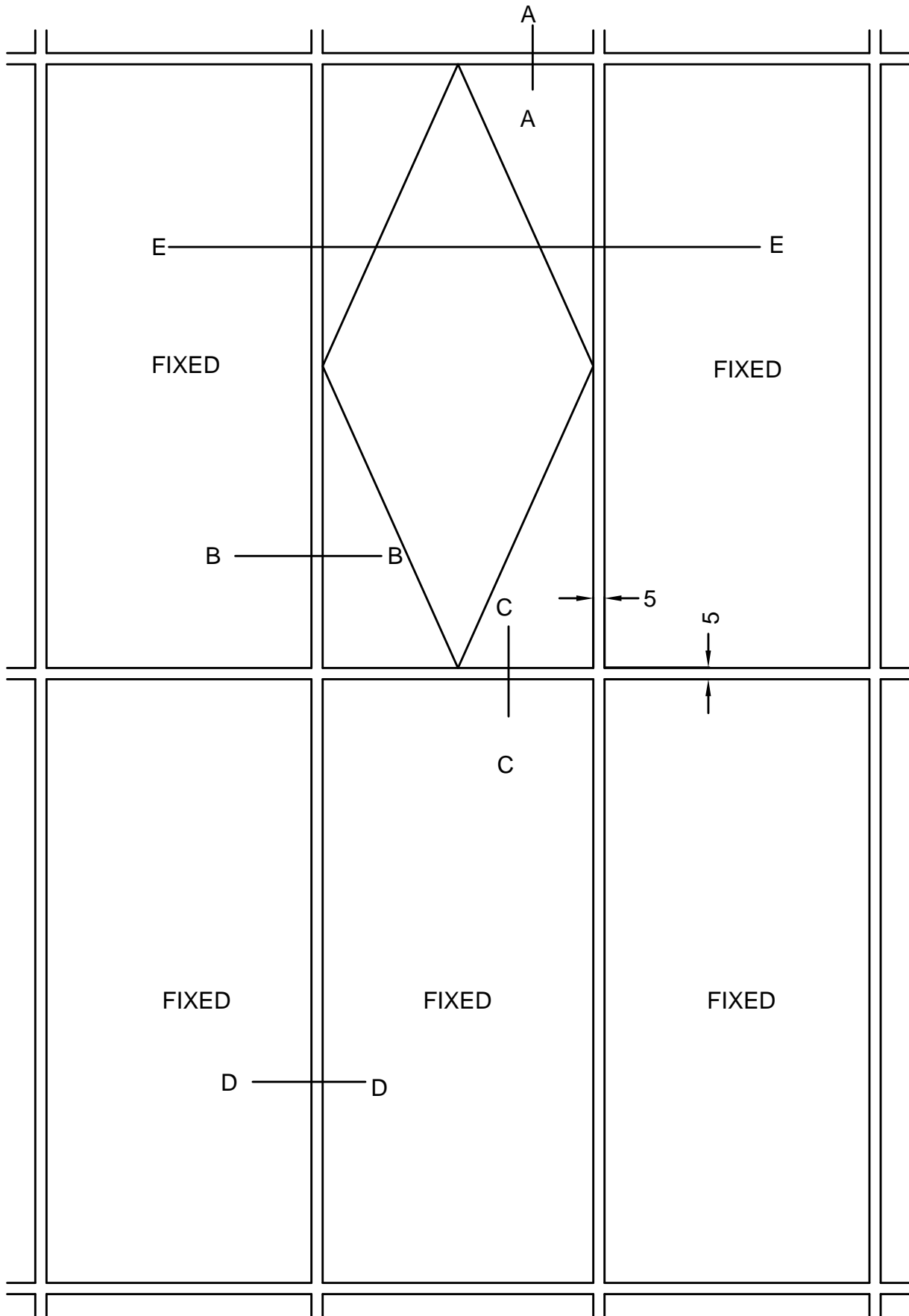
SECTION E - E



NB:
This is to illustrate the actual proportions of glass, aluminium sections and accessories in relation to each other.

SCALE 1:6

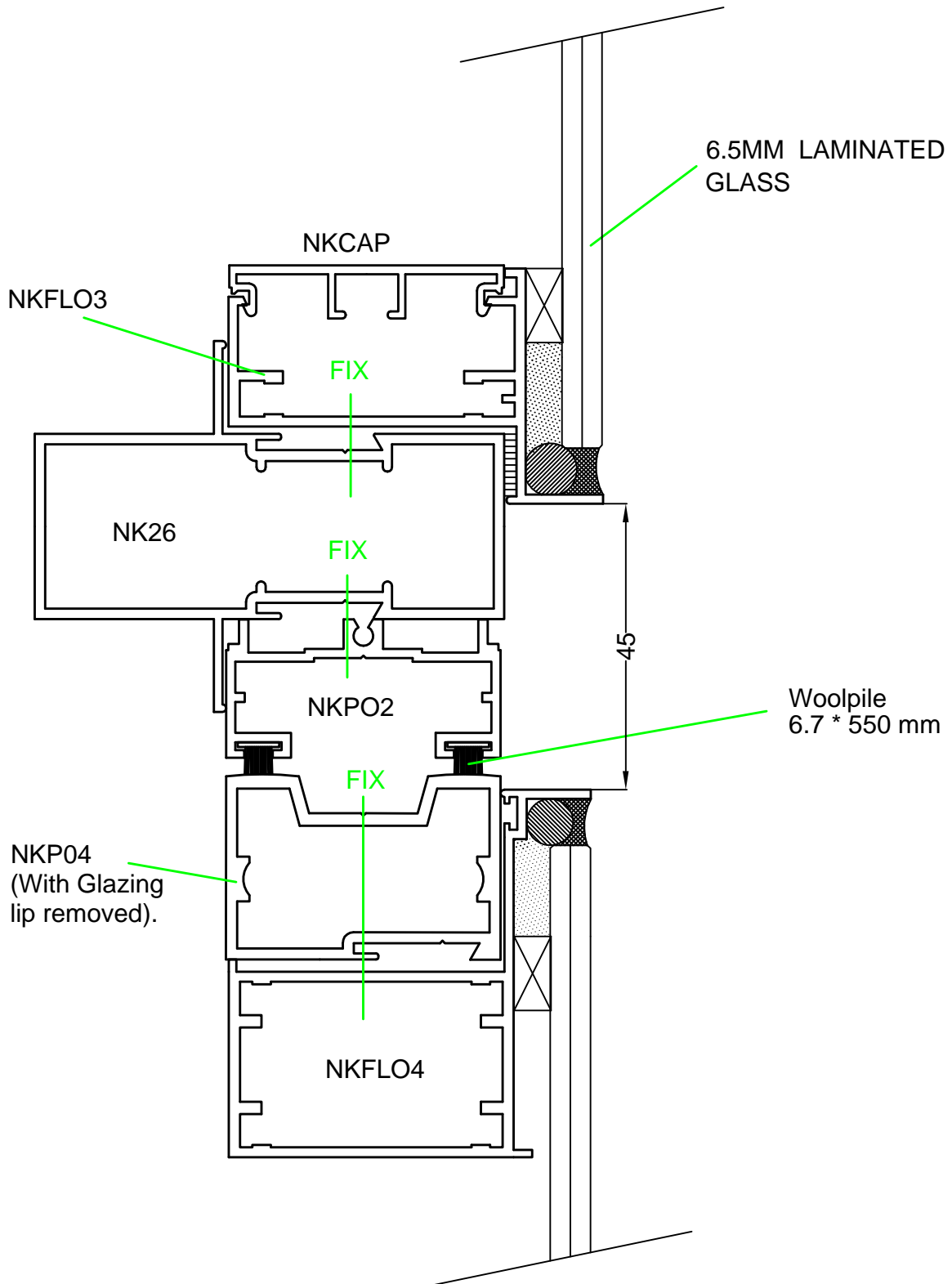
Details of a 1200mm project - out window along section E - E
TYPICAL FLUSH GLAZED CURTAIN WALL WITH PROJECT-OUT VENT



FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW



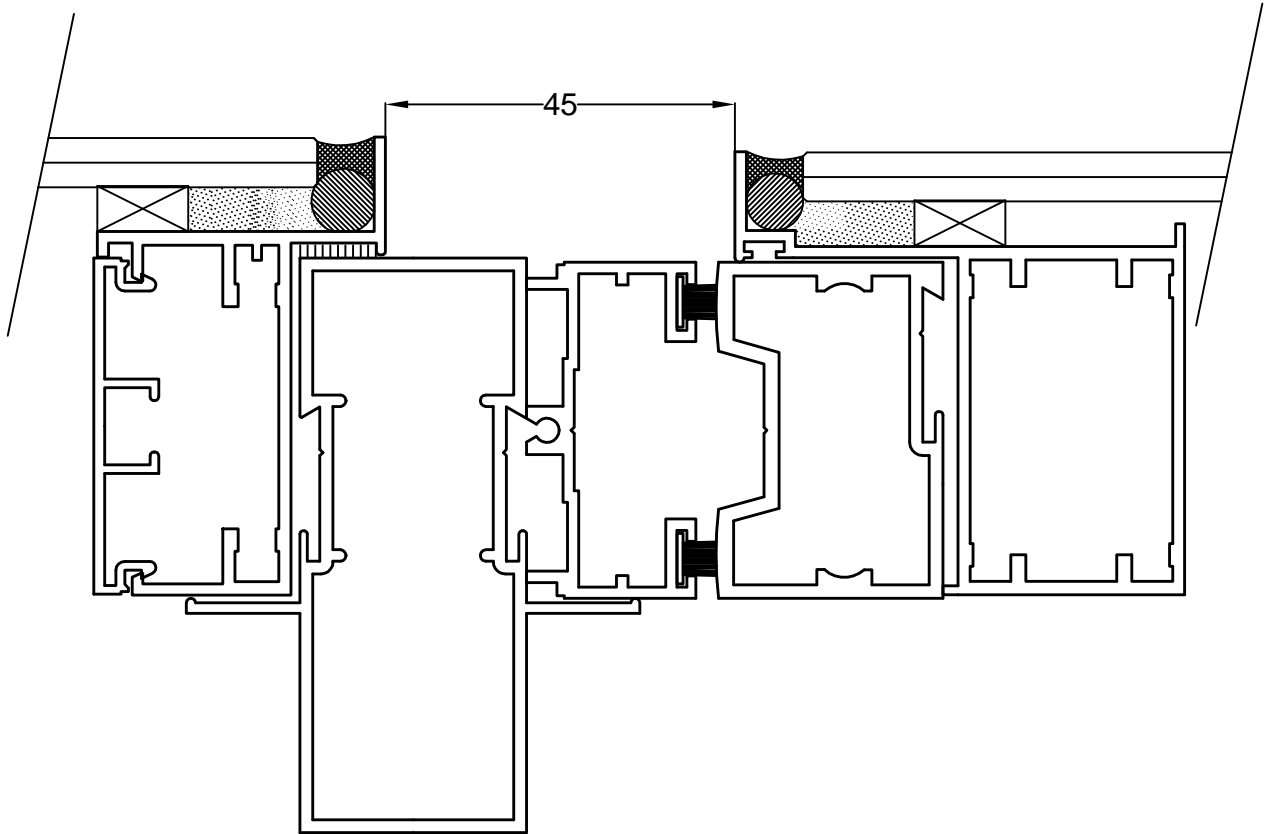
SECTION A-A



FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW



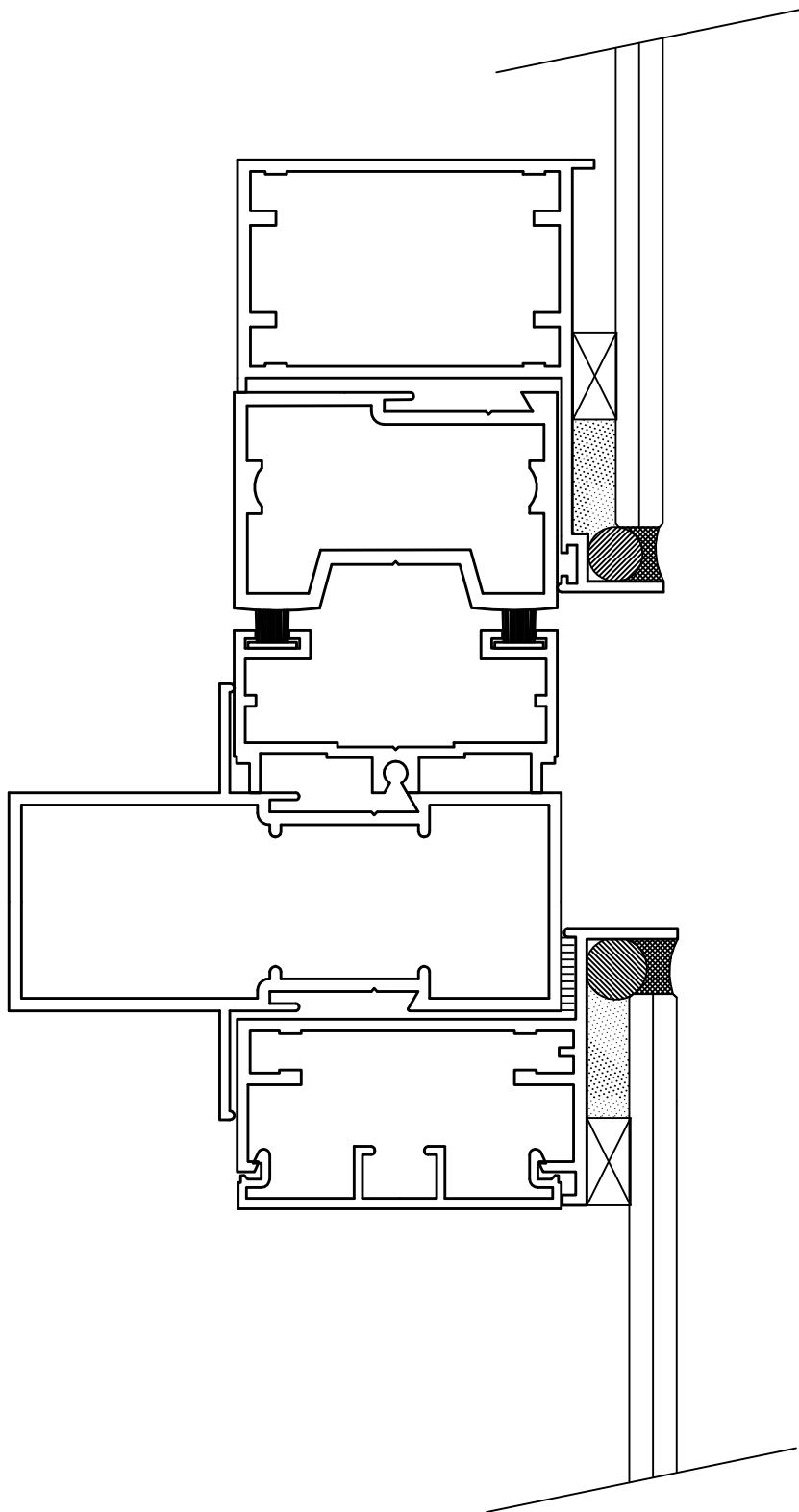
SECTION B-B



FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW



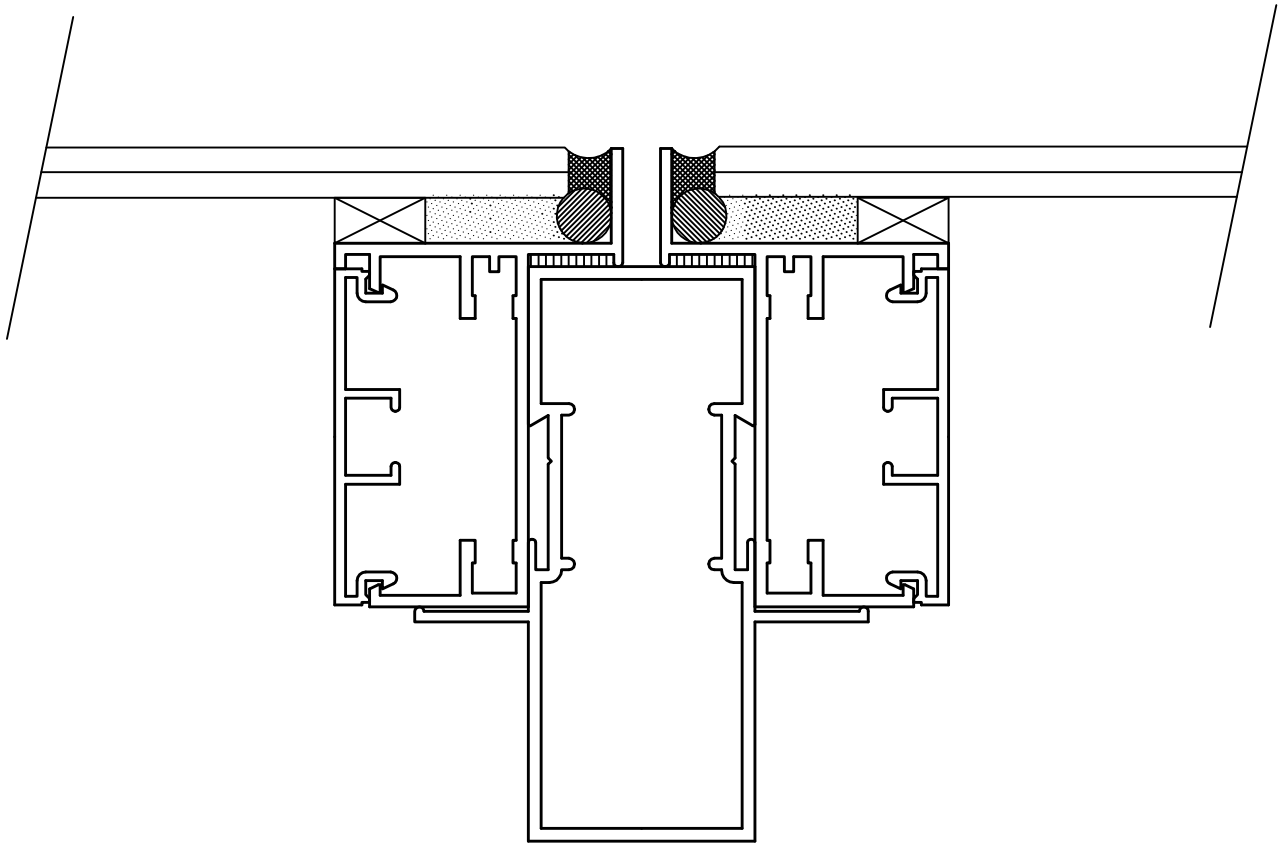
SECTION C-C



FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW



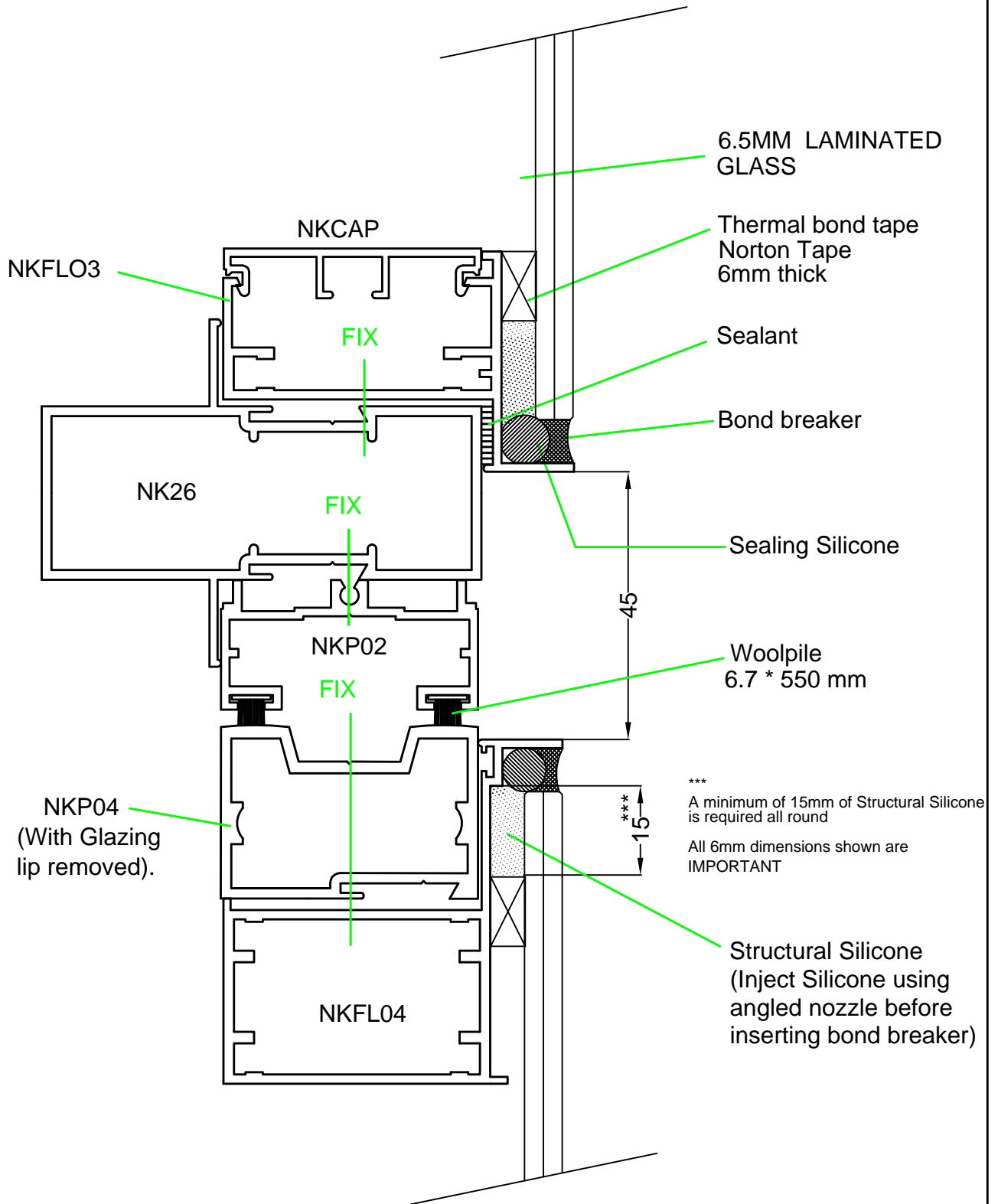
SECTION D-D



FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW



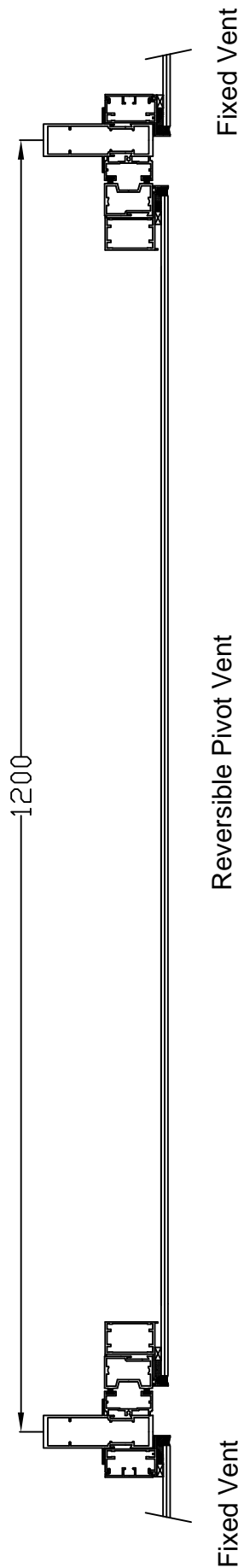
GLAZING DETAILS



FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW



SECTION E - E



NB:
This is to illustrate the actual proportions of glass, aluminium sections and accessories in relation to each other.

SCALE 1:6

Details of a 1200mm project - fully reversible pivot window along section E - E
FLASH GLAZED FULLY REVERSIBLE PIVOT WINDOW