AMENDMENT RECORD SHEET – LIVE APPLICATION

Admin

Validation:

Inadequate/Inappropriate ☐

Clarification/Details required:

Appears valid ☑ KB

Registered ..... d 6/6

Terminal date/committee updated .....

DC Procedural Assessment

Is the information given correct? Yes/No (If No, state above what details are needed)

Has this amendment been requested? Yes/~~No~~ *

If Yes, is it what was asked for? Yes/~~No~~ *

Who do you need to reconsult as a result of this amendment? PC None ☑
WM
Press
Residents
Other –

Is it an amendment in principle? Yes/~~No~~

Is it the same character/description for fee purposes? Yes/No (Refer to Admin ?) *

If No, but Yes to (*) requested :–

Do development objectives outweigh financial objectives? Yes/No Confirmed..... L-7

REJECTED as an amendment – new application needed

Confirmed: .....

Notes/Advice/Rejection Reason:

☐ Tick if you wish this note to be a paragraph in the Rejection Notice

AUTHORISED to treat as amendment

Confirmed: L 45 31 5 02

Superseded details removed ☐

Give a revised description if the details accepted are different to the submission:

Acceptance issued:
Public register updated:

DC Professional Assessment

NOTES:

PLANNING AMENDMENT

For office use only

Application No. H 23/309/02/A1

Date Registered 07 MAY 200[illegible]

Case Officer LS

1. Please complete in block letters

NAME AND ADDRESS OF APPLICANT

millgate windows + cons.

Irby House

Tel. No. millgate, Whaplode

NAME AND ADDRESS OF AGENT
(if form completed by agent)

Tel. No. (Contact)

Please complete in block letters

FULL POSTAL ADDRESS OF THE APPLICATION SITE

Irby House, millgate, Whaplode

Please complete

APPLICATION No.

This amendment **cannot be considered** unless the relevant reference is stated

H 23/309/02

Building Regulation reference relating to same development (if any)

2. Please tick **one** box only

A — Amendment is proposed where permission already granted. If yes, submit two forms and two plans. [ ]

or

B — Amendment is to a proposal currently being considered. If yes, submit four forms and four plans. [✓]

Please complete

I attach the necessary plans and request that the changes described below be accepted as an amendment. I understand that the Council may require a fresh application, together with fee if appropriate. If the amendment relates to a current application, I agree to an extension of the terminal date.

Signed ..... Date .....

3. Please complete in block letters

FULL DESCRIPTION OF DEVELOPMENT IN ORIGINAL APPLICATION

Offices + workshop

State details of amendments proposed

(Give a full detailed list of the changes, and also mark these clearly on the accompanying plans. Only the changes listed here will be considered.)

See plans

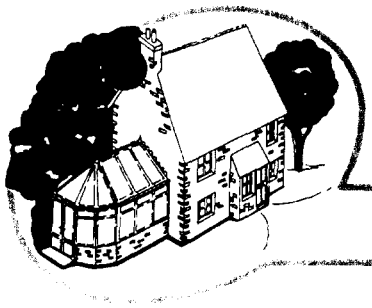
State drawing no's of the current submission

Has this amendment been requested by the Council? (If so, state Officer dealing with the application)

YES / NO

Describe any part of the original development which is excluded by virtue of the amendment, and state any alteration to plot numbers

Has a similar amendment been submitted under Building Regulations? Yes / No



Millgate

Windows & Conservatories

Irby House, Millgate,
Whaplode, Spalding,
Lincolnshire, PE12 6RT.
Tel: 01406 371674
Fax: 01406 371774
Email: sales@millgategroup.co.uk
www.millgategroup.co.uk

Dear Sir/Madam

In response to your request for additional information regarding the application number H23/0309/02.

Please find enclosed a brief description of the processes that would be involved in the use of the proposed new premises, together with photos, diagrams and specs (where available)

As the purchase of the listed machinery is dependent on the outcome of this application, the items shown may not be the actual items purchased, but the specification will be the same.

The proposed development has been initiated in direct response to the new government regulations (Document 'L') requiring us to produce goods that are more environmently friendly and will not contribute to global warming,as Britain agreed at the recent 'Tokyo summit'.
This development will also reduce the number of vehicles delivering to our premises by approximately 60%.

I hope this information is of use to you.

Yours sincerely

SHDC
Planning
29 APR 2002
Ref 309/02

Glass Dept Manager

General Overview of Millgate's Proposed Glass Tempering Operation

Glass would be delivered by floatliner (Pilkington) in packs of 40 sheets ,9 packs to a load. The packs of glass would be unloaded from the floatliner by means of a 3 tonne grab attached to an overhead crane (detail B),then deposited on freestanding racks (4 pack capacity)

Preparation

Glass is taken from these racks by the overhead crane (a pack at a time) then placed onto the freefall racks at one side of the main glasscutting bench.(see below)

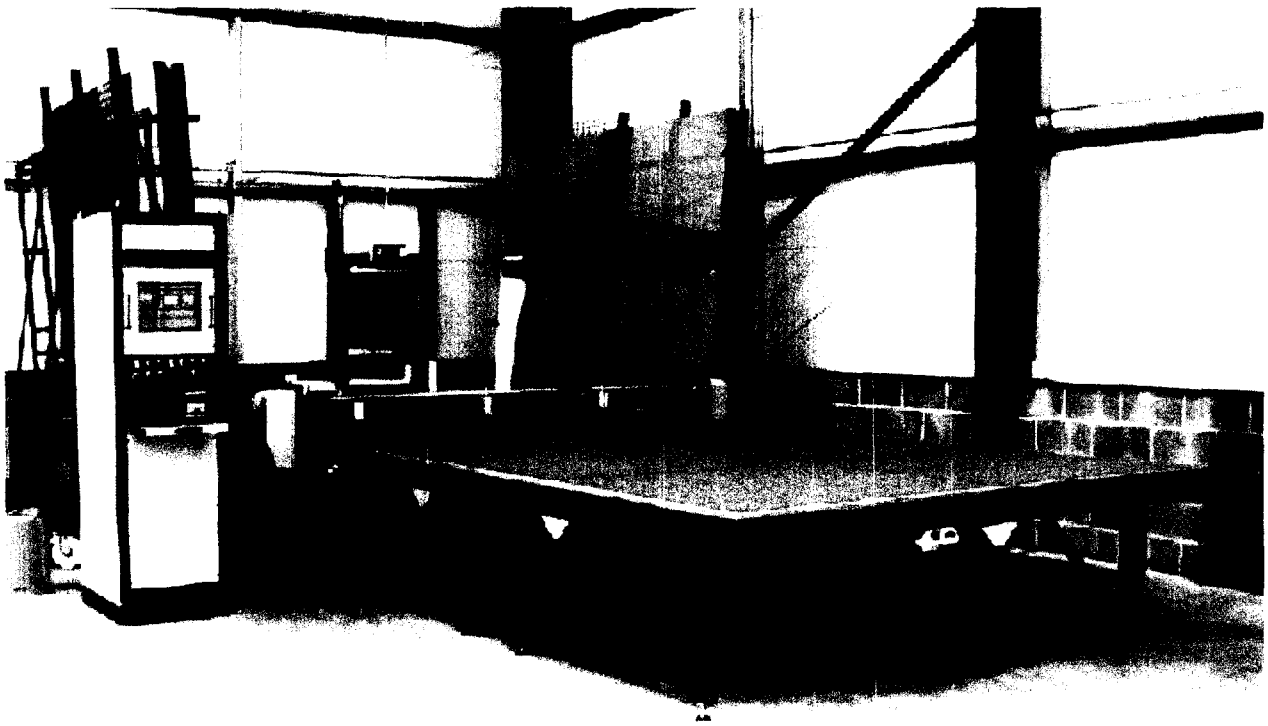
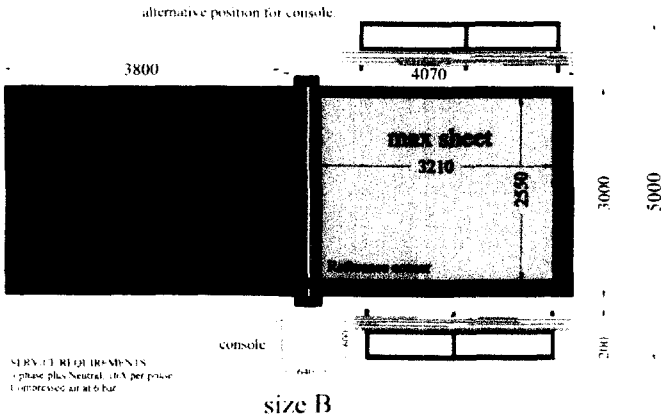


Diagram of the layout above with sizes and floor area



size B

Planning
29 APR
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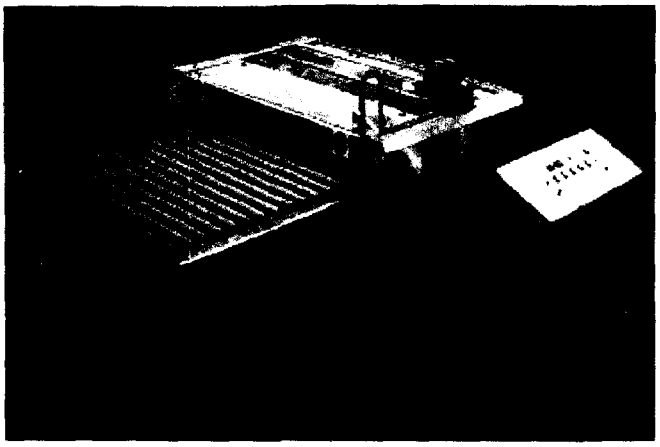
A sheet is dropped from the pack onto the bench then set into place manually against stoppers so it is square.
Using either software or manually, inputted sizes are optimised to cut the best yield for the sheet size.

Cont

Once cut ,the glass is put through an arrising process,where the sharp edges are removed.After this, the glass is put through a horizontal washer and all the arrissing residue is removed.



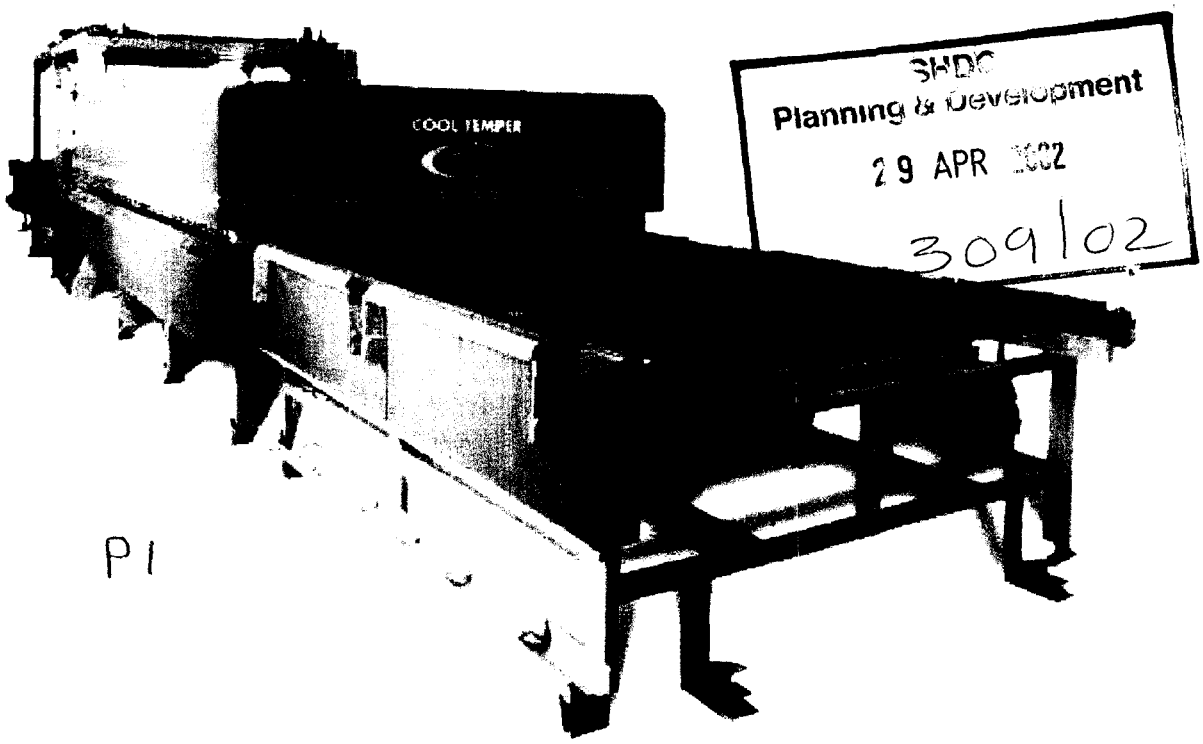
P2



P3

Toughening Process

Clean, cut glass is loaded onto the input end of the toughening plant where it is taken into the oven and heated to around 600 degrees f, cooled quickly to room temperature by means of the cold air blower unit, then unloaded and stacked ready for use at the output end.P3 (washer is



P1

usually placed at the feed end of the toughening conveyor (P1 foreground above)

Cont

Machine details

- **Toughening plant** separate details enclosed (doc Spec 'A'
  Overall dimensions 14 m long, 3 m wide, 2.5 ms high

- **Glasscutting Bench** dimensions as diagram (3 phase +neutral,comp air 6 Bar)

- **Arrising machine** as photo P2 (240v 50hz, recycled water feed)

- **Glass washer** as photo P3 (3 phase+neutral ,recycled water.

- **Overhead Crane** details still to be decided, but the spec will be 6m high,6m wide,25m in length, supported on a freestanding gantry (3 phase + neutral)

All the above machinery will have been manufactured to comply with various european legislation so as to minimise the effect on the environment.

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Planning & Development Control
19 APR 02
Ref 3091/02

SPEC. A

Cooltemper Flat Glass Toughening Plant 13-25

Maximum Bed Loading Size: **1300 x 2500**
To toughen from 4mm to 19mm glass thickness inclusive. To meet British Standard Kite Mark BS 6206 Class A tempered glass for architecture and flat automotive glass.

1. SPECIFICATIONS:

1.1 *** Min. size:** 100mm x 180mm
*** Max. size:** 4mm 1300mm x 2500mm
5-19mm 1300 x 2500mm

1.2 **Thickness range:** 4mm - 19mm

1.3 **Overall Dimension:** 13.5 mt (L) 5mt (W) 2.8mt (H)

1.4 **Production Area:**

* Glass Thickness	4mm	5mm	6mm	8mm	10mm	12mm	15mm	19mm
* Loads/Hr	20	18	15	11	9	7	6	4

1.5: **Power Consumption**

* Glass Thickness	4mm	5mm	6mm	8mm	10mm	12mm	15mm	19mm
* KW/m²	3.35	3.46	3.70	4.81	5.84	7.51	8.76	13.15

1.6 **Power Capacity:** 3 Phase and Neutral, 380V, 50Hz

1.6.1 **Total Connected Load:** **412KW**

1.6.2	Heating	270KW
1.6.3	Quenching	112KW
1.6.4	Cooling	18.7KW
1.6.5	Compressor	11.2KW
1.6.6	Other	11.2KW

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1.7 **Control Room Temperature:** 5°C - 45°C
A separate air-conditioned control room is recommended if the temperature is too high or too low. (Supplied by buyer).

EQUIPMENT DESCRIPTION:

2.1 **Loading/Unloading tables:**

2.1.2 38mm diameter x 1.500m metallic rollers are fitted with kevelar rope, pitch 100mm, interlined with solenoid clutch.
2.1.3 A ball table with vertical movement by pneumatic piston to be attached to entrance table. Able to load and unload large size glass easily.

2. FURNACE:

3.1	Dimension:	3,480mm(L) x 1,500mm(W) x 550mm(H)
3.2	Conveyor roller:	57mm diameter precision fused silica roller. Pitch 80mm, total 49pcs.
3.3	Heating element:	KANTHAL AF, fixed protective pipe in parallel arrangement to glass forward direction, total 300KW.
3.4	Heating insulation:	Utilises 200mm thickness ceramic fibre, the outer layer is framed with 50mm hard board.
3.5	Entrance and Exit Height:	40mm, ON/OFF with a pneumatic lifting.
3.6	Heating oven:	2 layers, the top layer is square thread open-type for easier access and maintenance.
3.7	With hot air aspiration to keep even temperature.	

4. QUENCH SYSTEM:

4.1	Quenching area:	3,120mm(L) x 4,450mm(W)
4.2	Quenching blower:	112 KW(for 4 to 5mm)
4.3	Cooling blower:	18.7 KW (for 6 to 19mm)
4.4	With digital setting to auto adjust the distance of blowing pipes.	
4.5	With percentage ratio setting to auto adjust the air pressure.	

5. TRANSMISSION SYSTEM: 4 stages

5.1	1st stage: Loading table	(1 stage speed, non-stage adjustable)
5.2	2nd stage: Heating zone	(1 stages speed, non-stage adjustable, reciprocating)
5.3	3rd stage: Quenching zone	(2 stages speed, non-stage adjustable, reciprocating)
5.4	4th stage: Unloading table	(1 stage speed)
5.5	Speed and working procedures are controlled by Programmable Logic Controller (PLC)	
5.6	The transmission systems in different sections are open type with a safety guard and can be dismantled.	

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6 CONTROLS SYSTEM:

6.1	Fully computerised control system, temperature to be controlled in 26 setpoints individually; glass positioning is controlled by the PLC.
6.2	Self-timer scanning & recording is part of system, equipped with printer and interface card.
6.3	Touchscreen operation with user friendly YES/NO type operation.