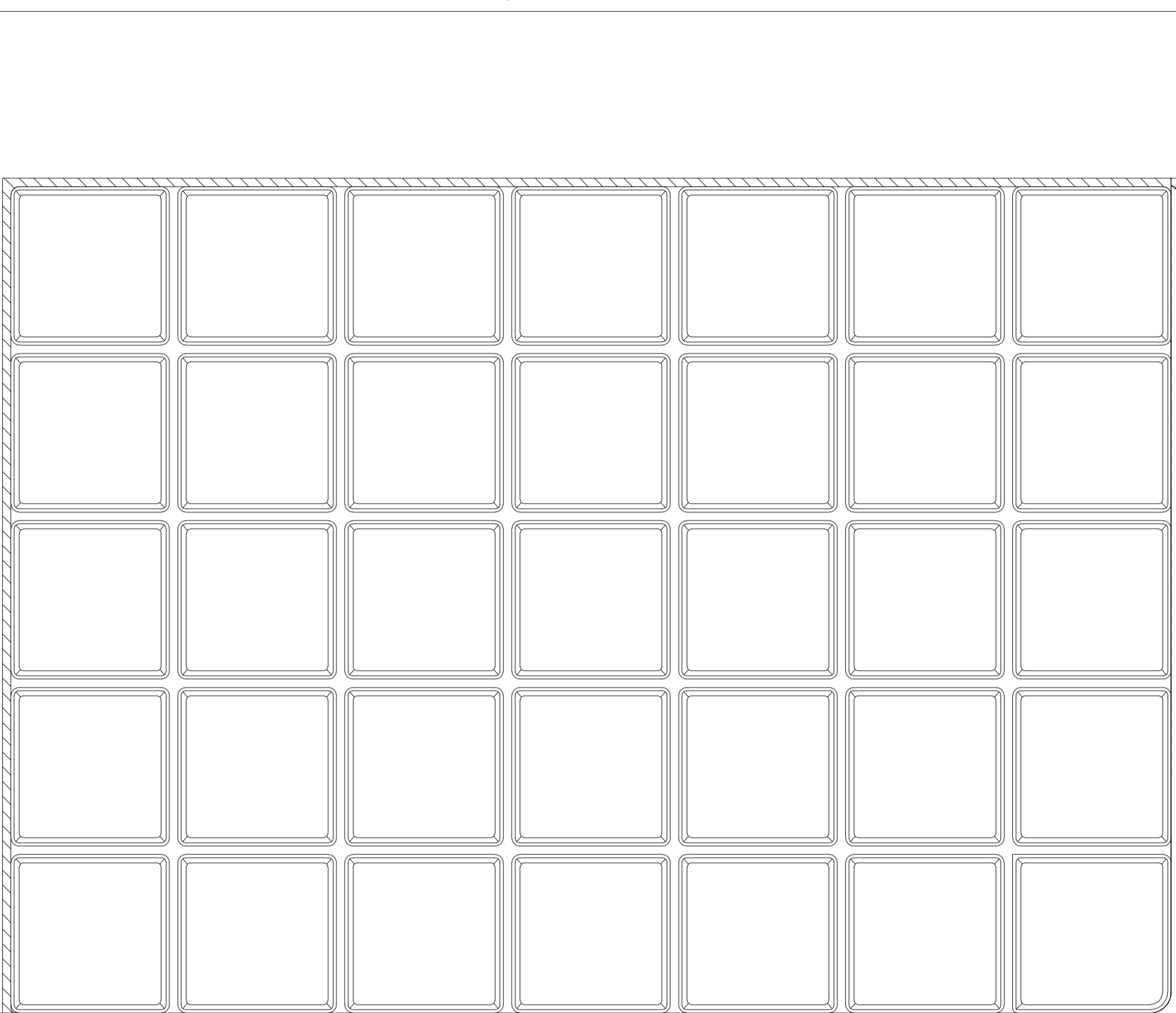


SECTION ON A - A:
TYPICAL CONSTRUCTION DETAIL
FOR RODS & MORTAR



TYPICAL GLASS BLOCK WALL PANEL
SUPPORTED ON TWO SIDES WITH
UNSUPPORTED TOP AND ONE VERTICAL EDGE

GLASS BLOCKS: GENERAL CONSIDERATIONS

1. Glass blocks with very soft supporting, but not load-bearing, in addition to their own weight, they can withstand wind loads, horizontal air loads and impact loads. A limit should be placed on the glass block weight.
2. Openings must be square and perpendicular and the opening dimensions must be within 1% of the actual dimensions of the glass block. The opening must be square and perpendicular to the block, and the opening must be square and perpendicular to the block. To calculate the minimum opening size based on using 193 x 193 x 88mm blocks with 10mm joints, multiply the number of blocks by 193mm. Then, add the joint width to the total. The total must be divided by the number of blocks to give the minimum opening size. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.
3. Glass blocks with pre-embedded reinforcement must be used. Reinforcement bars must be embedded in a 4mm wide pre-prepared opening. The opening can be in the block, in the mortar, or in the mortar joint. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.
4. Between the opening and glass block it is essential to incorporate expansion joints. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.
5. Glass blocks should not be installed when the surrounding temperature is 5°C and falling or 31°C and rising.
6. Using standard glass blocks, the minimum panel size without intermediate support or 100 joints is 2951, with no dimension exceeding an either direction for 193 and 193mm joints, the maximum panel size must not be 3000mm in either direction.

Construction details for perimeter and intermediate reinforcement products. The glass blocks must be supported by a concrete or masonry structure. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.

Expansion joints should be used at the top and bottom of the panel. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.

Joint Sides and Block Size

Form is the most common joint size for specifying and building glass blocks. A 10mm joint size is the most common joint size for specifying and building glass blocks. A 10mm joint size is the most common joint size for specifying and building glass blocks. A 10mm joint size is the most common joint size for specifying and building glass blocks.

Panel Reinforcement and Joint Sides

Standard steel ribbed reinforcement bars are used for the opening. The reinforcement bars are used for the opening. The reinforcement bars are used for the opening. The reinforcement bars are used for the opening.

Expansion Joint Location

After construction, the perimeter joint should be cleared of any residue mortar and cleaned with a brush. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.

Glass Block Panel With An Open Unsupported Edge

A panel supported by the top and bottom edges only may require side finish wall. The opening must be square and perpendicular to the block. The opening must be square and perpendicular to the block.



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The data sheet, connection detail & construction principles, should be designed and be specific to each project requirement or environment & calculations checked and qualified by independent structural engineers.

All information is accurate to the best of our knowledge at time of data sheet production, however Glass Block Technology Ltd. cannot be held liable in any way regarding the usage of glass blocks and the manner in which they are installed. Glass Block Technology Ltd. reserves the right to amend or correct changes at any time.

**TYPICAL GLASS BLOCK PANEL
SUPPORTED ON TWO SIDES
WITH AN UNSUPPORTED TOP
AND ONE VERTICAL EDGE**

GBT114 Rev.
 Scale 1:7.5 & 1:2