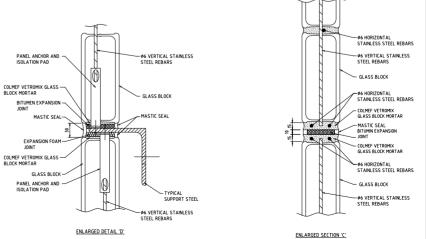


TYPICAL SUPPORT STEELWORK IS ONLY REPRESENTATIVE AND IS TO BE DESIGNED AND CONFIRMED BY ARCHITECT AND STRUCTURAL ENGINEER TO SUIT SPECIFIC PROJECT.



WITH SLIP JOINT

Glass block walls are self supporting, but not load bearing. In addition to their own weight, they can withstand wind loads, herizontal live loads and inspect loads. A limitel provides the head for the panel to be anchored into whilst ensuring no downward arensure is claimed on the claims blocks.

Glass block walls are connected to the surround by reinfercement bars being inserte into pre-drilled holes (or panel anchors). For best integral strength, panels should be installed into a four sided pre-prepared opening. The opening can be timber, brick, steel concrete or block-work.

# Joint sizes and spacer pags.

## Panel reinforcement and twing back to the perimeter opening

Stanless steel ribbed reinforcement bers are used to tie to the spening. The ruds posterior the expansion nativation and another the parell in place by connecting to the posterior than expansion processes. The processes are supported by the \$25-56m an induction of existing another than the processes of the re-sin-for are \$100m steep and when the panel is larger than the reinforcement ber, ruds are overlapped by a nitning of \$50m and or to stocky joined using in war/clafe in the overlapped by a nitning of \$50m and or to stocky joined using in war/clafe in the standard or the processes of the processes of

For situations where connecting the rods to the opening may prove difficult, panel anchors can be used Islanian to the brick-tie principle secured by either screw or boll fixing or can mechanically shot fixed.

## Glass blocks specilists nortar - Coinef Vetronix

Colon! Vetreels is a specifically designed and formulated previo marter for glass block constructional ensures accreacy and constitution of performance. It can be used in the constructional ensures accreacy and constitution of performance in the best and excellent and a backgraph and be whether entre a residual; it is used as backgraph and period by the construction are so that the construction are not the reverse of such size packed backgraph and growings. When controlled as strictly desired it, it is also a strictly and a strictly and a such as the s



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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 knowled 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. reserve the right to amend or correct changes at any time.

TYPICAL GLASS BLOCK **RODS & MORTAR SYSTEM** MAXIMUM HEIGHT WALLS

**GBT106** 

Rev.

Scale 1:7.5 & 1:2.5