

TREBLE R FABRICATIONS

CAT 6100-S1

UNIT 42 • CROSSGATE ROAD • PARK FARM INDUSTRIAL ESTATE • REDDITCH • WORCS • B98 7SN

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MULTI OPENING SLUICE GATE / PENSTOCK FOR RIVER CONTROL

Private dwelling / mills sometimes require water control on rivers to prevent flooding. In many cases the span requirement is such, a multi gate control penstock is the solution.

Generally supplied using a painted mild steel frame and stainless steel gates.

Operation via manual gearbox and hand wheel.

Other option can be unlimited regards to material and operation. All these are available on request.

All manufacture is bespoke and each installation will call for a special size and shape. This can be offered by providing a detailed drawing.

The alternative is a site survey.



SLUICE GATE PENSTOCK

Multi Opening Sluice Gate / Penstock for River Control

Operating Duty

Application:	Flow control and isolation
Type of Mounting:	Wall Mounting
Type of Media:	Water and Sewage
Operating Head:	4 metres on / off
Direction of Flow:	On & Off-seat

Options

Head	Larger heads available
Mounting:	Side wall mounted in channel
Stem Types:	Rising and non-rising
Size Range:	Any size from 1000mm to 3000mm in square or rectangular format

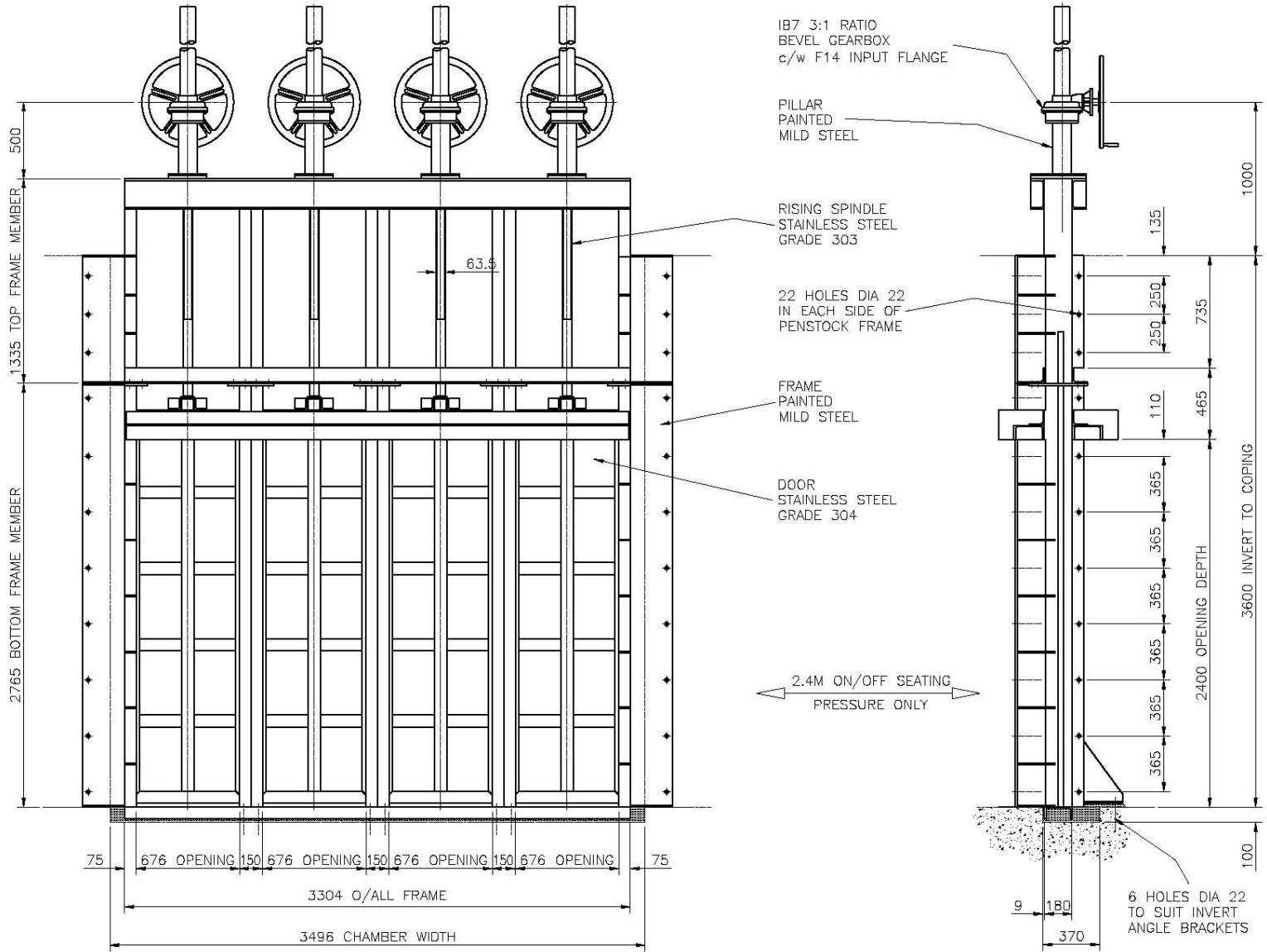
Applicable Standards

BS 7775: 1995, Specification for general
purpose penstocks

Construction Materials

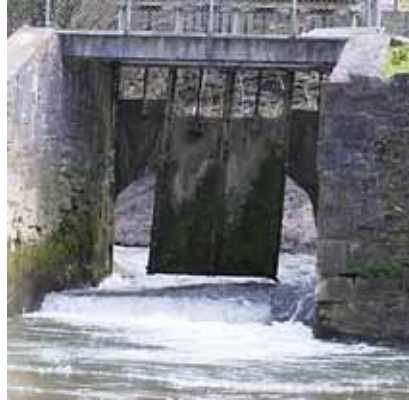
<u>ITEM</u>	<u>DESCRIPTION</u>	<u>MATERIAL</u>
1	Frame	Mild Steel, BS 4360 Gr 43A Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
2	Door	Mild Steel, BS 4360 Gr 43A Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
3	Side Seals	Low Friction Polyolefin
4	Invert Seal	Neoprene
5	Stem	Stainless Steel, BS 970 Gr 303 Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
6	Fasteners	Stainless Steel, BS 6105, Gr A4

MULTI OPENING SLUICE GATE / PENSTOCK FOR RIVER CONTROL



**Typical Drawing of Special Wall Mounting Penstock to
control river flow over a span of 3304 mm**

MULTI - OPENING PENSTOCKS



EXISTING OLD GATES ON SITE



FINISHED FABRICATED GATE IN OUR WORKS



NEW PENSTOCK INSTALLED ON SITE