

TREBLE R FABRICATIONS

UNIT 42 – CROSSGATE ROAD – PARK FARM INDUSTRIAL ESTATE – REDDITCH – WORCS – B987SN

tel 01527 503 303 – fax 01527 503 325 – web www.treblefabrications.co.uk

Paddle Gates

Generally found on British Waterways and canals. Complete with operating gear this device will control the level of water between locks, allowing the barges to enter and exit.

CANAL IDENTITIES: -

Oxford & Grand Union; Nottingham top & bottom ends; Nottingham doubles; Birmingham navigation; Northwich standard narrow; Llangollen; Staffs & Worcs; K & A; Mon & Brecon bottom ends & ground; Leeds & Liverpool; Castleford standard; Calder & Hebble; Aire & Calder bottom doubles; Wey navigation; Basingstoke; Other canals not specifically identified here may accept one or more of these standard or other non-standard paddles.

FRAMES: -

Manufactured from continuously welded mild steel which has been grit blasted to SA3 flame zinc sprayed to ZN4 (75 microns), etch primed and finished with 125 microns of INTEX N.W.C. paint as approved by the National Water Council.

SEALS: -

The seating side of the frames are fitted with resiliently backed fixed side seals and fixed top and bottom seals which are molecularly incompatible with the paddle door material and which have a dry (to steel) coefficient of friction of less than 0.10. On some models the unseating side of the frames are also fitted with similar side seals. All frames are designed as chased inverts and are fitted with an invert door buffer manufactured from Neoprene material.

PADDLE DOORS:-

Manufactured from solid HDPE material suitably reinforced with either GMS or stainless steel. All fasteners used in the door construction are stainless steel Grade A4. The top of the door is fitted with a fabricated standard steel door lifting bracket bolted into position with stainless steel fasteners Grade A4.



PADDLE GATE INSTALLED AT TARDEBIGGE LOCKS

PADDLE GATES

Paddle Gates

Operating Duty

Application:	Flow control and isolation
Type of Mounting:	Wall Mounting
Type of Media:	Water
Operating Head:	Up to top of door
Direction of Flow:	On & off-seat

Options

Mounting:	Side wall mounted in channel
Stem Types:	Rising only
Size Range:	Any size from 150mm to 1200mm in square or rectangular format

Applicable Standards

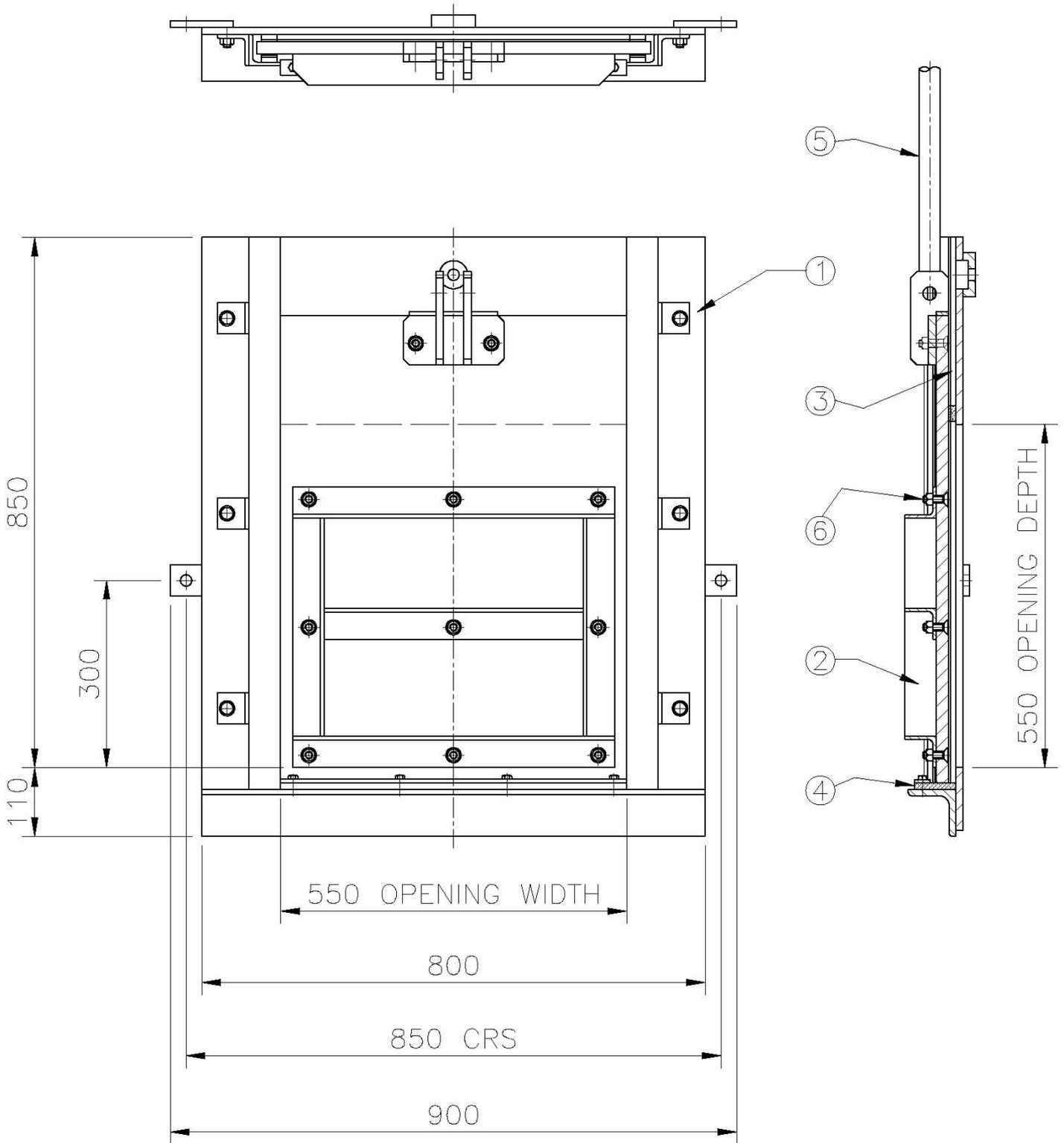
Purpose designed for British Waterways

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	HMWP with reinforcement
3	Side Seals	Low Friction Polyolefin
4	Invert Seal	Neoprene
5	Stem	Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
6	Fasteners	Stainless Steel, BS 6105, Gr A4

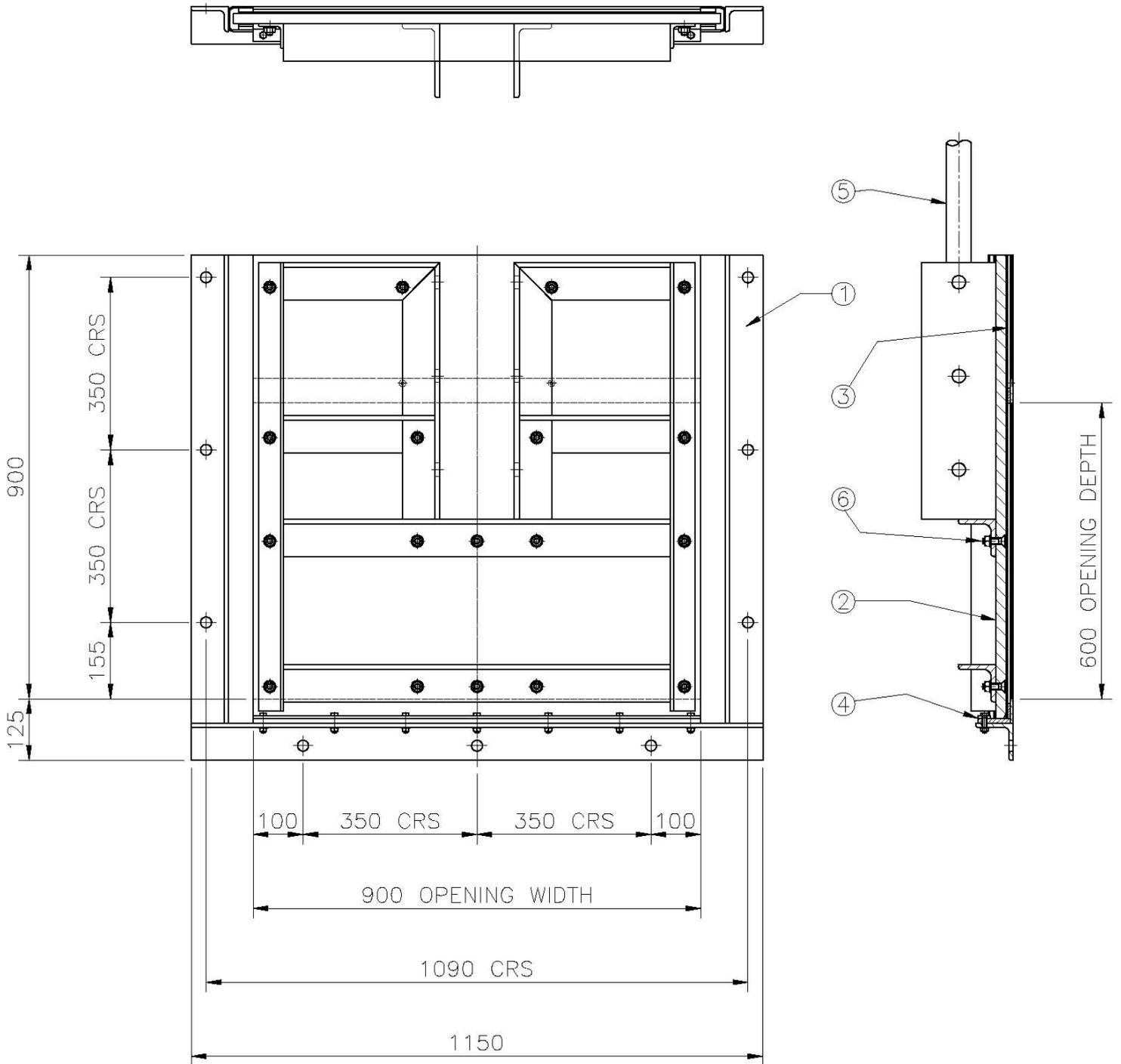
PADDLE GATE

550mm WIDE x 550mm DEEP

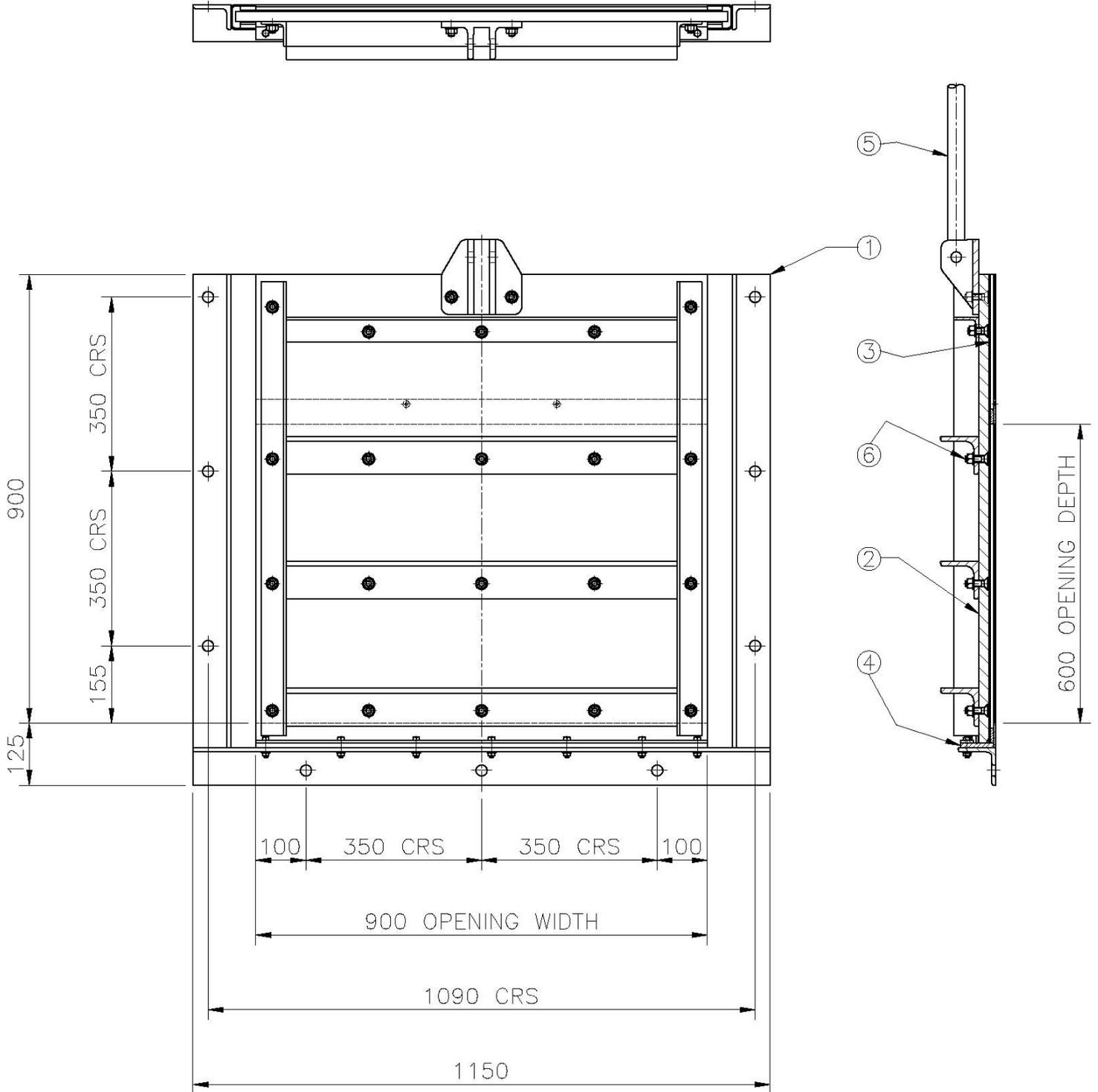


PADDLE GATE

900mm WIDE x 600mm DEEP TYPE 1



PADDLE GATE 900mm WIDE x 600mm DEEP TYPE 2



PADDLE GATE 900mm WIDE x 600mm DEEP TYPE 3

