

MAX. LENGTH OF ROCKER PIPES	
INTERNAL PIPE DIAMETER (mm)	ROCKER PIPE LENGTH (m)
UPTO 300	0.60
300 - 450	0.75
450 - 600	1.00

MIN. 200mm THICK ST2 CONCRETE. FACING STONES PRESSED INTO WET CONCRETE

150mm CONCRETE SURROUND ANCHORAGE FOR SAFETY GRILLE

OUTFALL PIPE CUT ON SITE TO MATCH PROFILE OF EMBANKMENT

SAFETY GRILLE FIXED TO PIPE SURROUND

BED LEVEL

5 x ID

300mm THICK STONE PITCHING TO EXTEND 5 x ID IN FRONT OF OUTFALL TO PREVENT EROSION

350

150

ID

150

OUTFALL PIPE VARIES

2 NO. ROCKER PIPES

MIN. 150mm TYPE S GRANULAR SURROUND

MIN. 150mm DFT TYPE 1 BEDDING

400mm WIDE CONCRETE TOE TO EXTEND 500mm INTO SUB-STRATA

1300

150

400

225

300

1.2m HIGH PEDESTRIAN GUARD RAIL. TIMBER POST + 3 RAIL FENCE

POST MIN. 500mm DEEP WITH MIN. 100mm GEN 1 CONCRETE BED AND SURROUND

SECTION

1:20

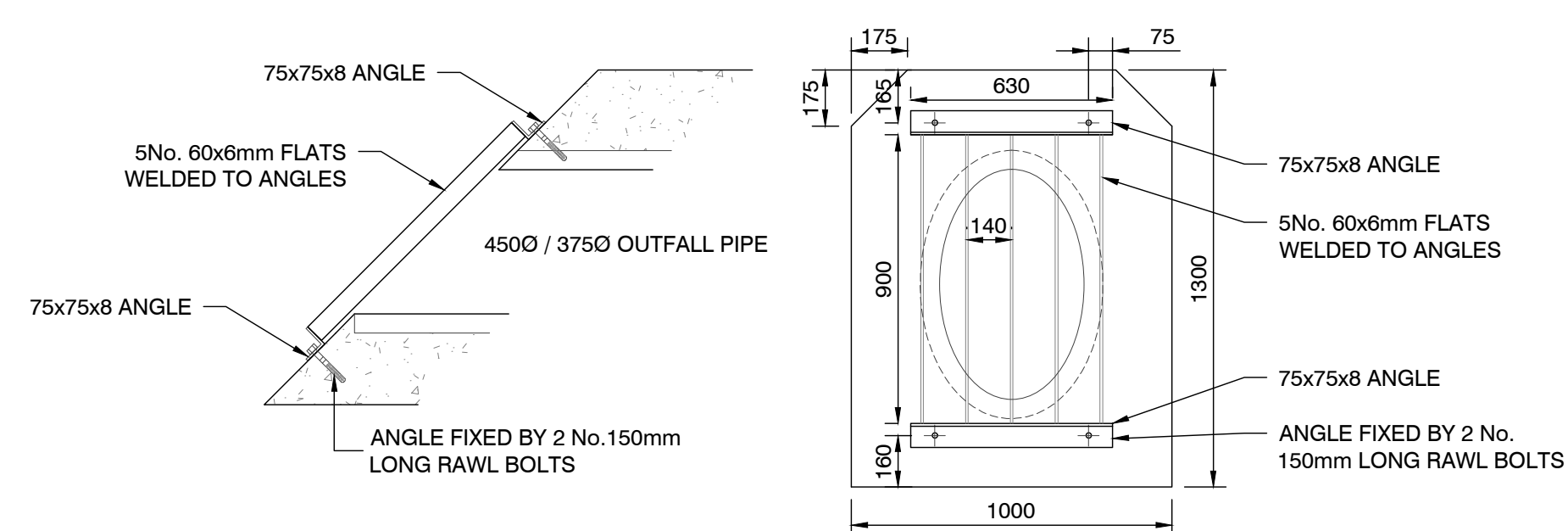


The diagram illustrates a plan view of a stone pitching structure designed for a pipe outfall. The structure is a trapezoidal area filled with a pattern representing stone pitching, located between two 'EXISTING BANK' areas. A 'PEDESTRIAN GUARDRAIL' is shown as a vertical line on the right side of the structure. A 'PIPE OUTFALL WITH GRILLE' is shown as a rectangular structure with a circular grille, located within the stone pitching area. A 'STONE PITCHING' label points to the stone pitching area. An 'OUTFALL PIPE' is shown as a dashed line extending from the pipe outfall structure. The diagram includes various labels and arrows indicating the components and flow direction.

PLAN

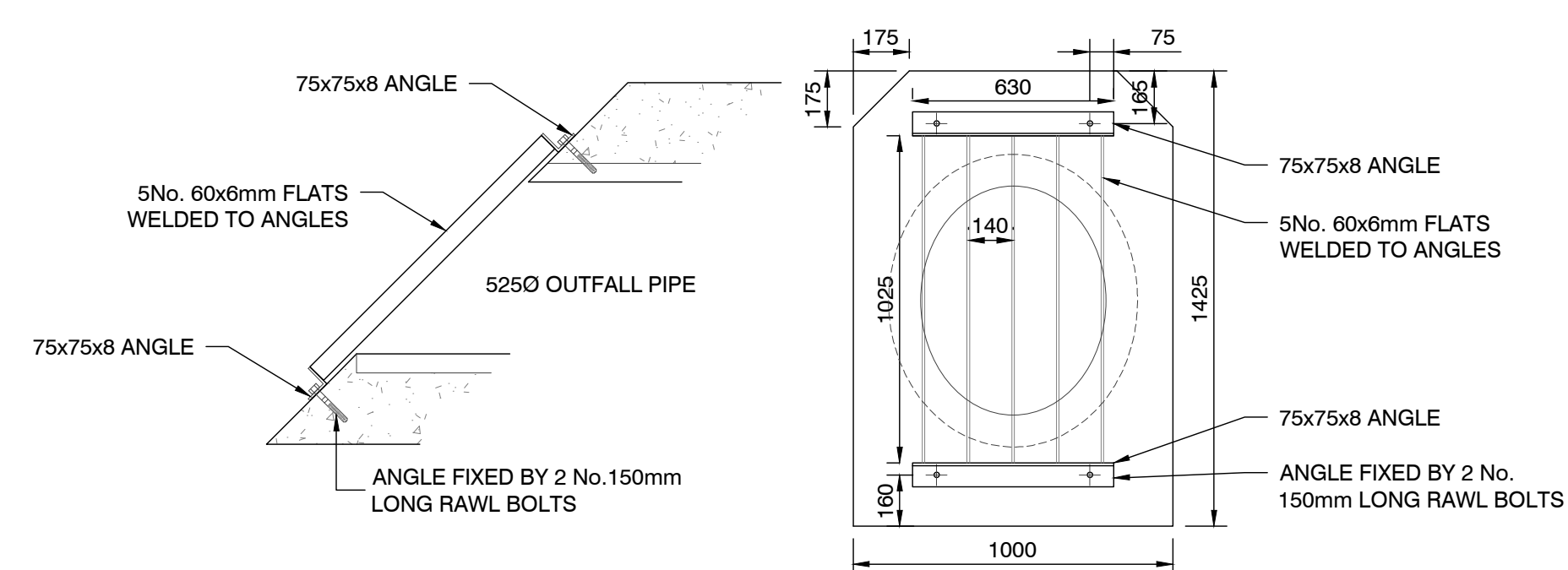
SECTION

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GRILLE FOR 450Ø & 375Ø PIPE

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GRILLE FOR 525Ø PIPE

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Drawing Status				
PRELIMINARY				
Designed by	Drawn by	Checked by	Date	Scales @ A1 size
RWP	RWP	ACV	17.09.25	AS SHOWN
Drawing No				
25236-C-450-0				