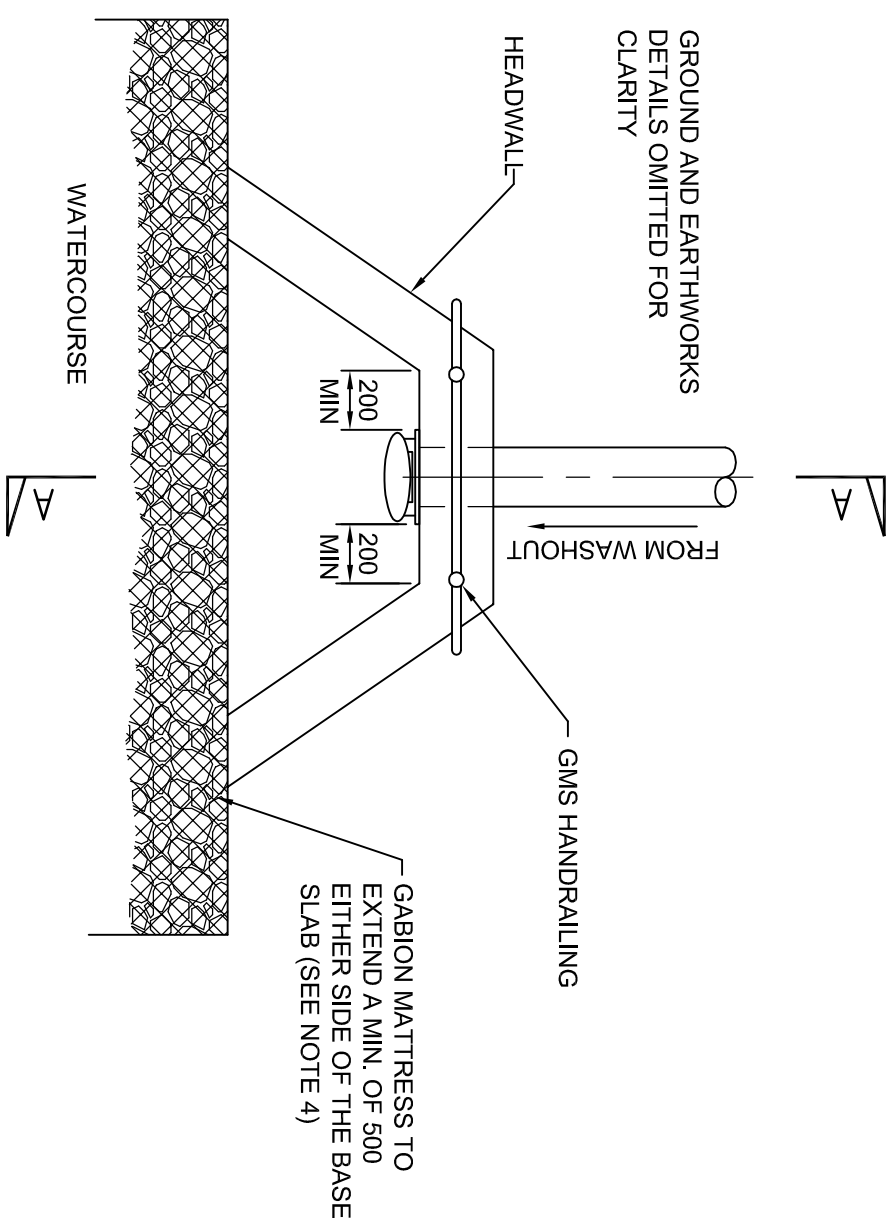


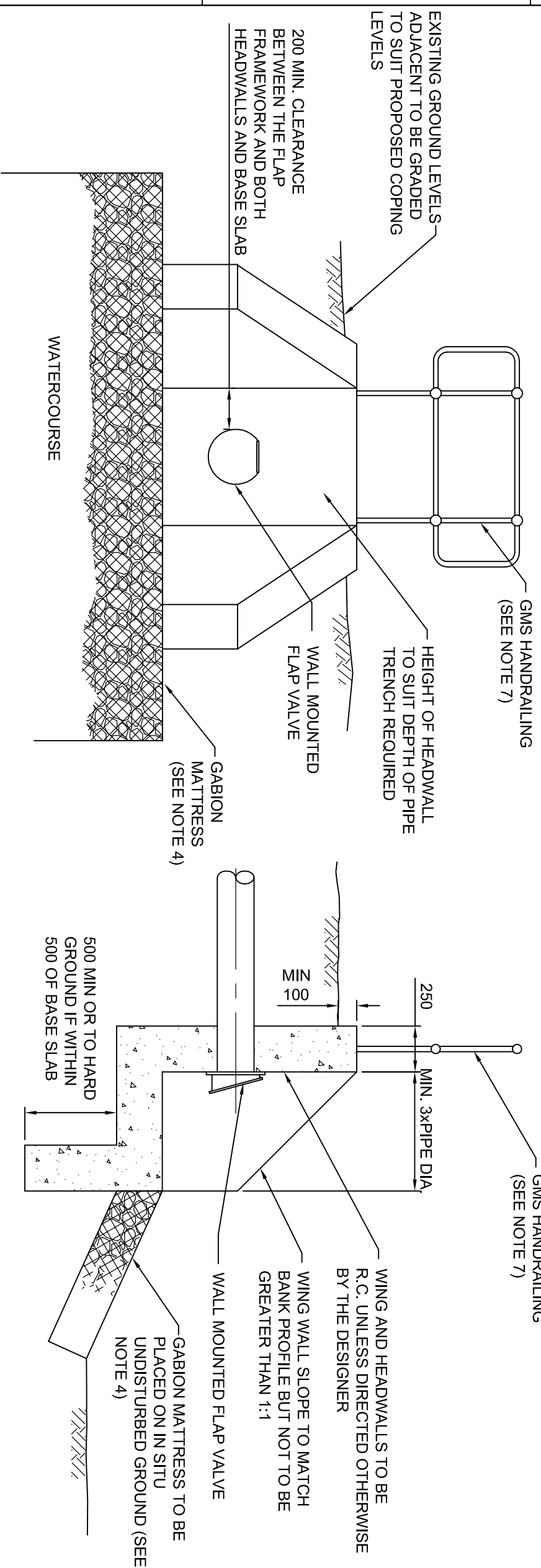
DO NOT SCALE - IF IN DOUBT ASK

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. THE SUITABILITY OF THE EROSION PROTECTION DETAILS IS TO BE CONFIRMED FOR EACH SITE.
3. THE NEED FOR EROSION PROTECTION ON THE OPPOSITE BANK IS DEPENDANT UPON OUTFALL CONDITIONS.
4. THE DESIGNER SHOULD ASSESS ALL RELEVANT CRITERIA BEFORE SELECTING BANK AND BED PROTECTION INCLUDING:
 - A) FLOW RATE AND VELOCITY.
 - B) INCIDENT ANGLE OF THE OUTFALL WITH THE DIRECTION OF RIVER FLOW.
 - C) PROPORTION OF OUTFALL FLOW TO RIVER FLOW.
 - D) SOIL TYPES (ERODIBILITY).
 - E) LEVEL OF OUTFALL RELATIVE TO THE RIVER BED.
5. THE DESIGNER MUST UNDERTAKE THE REINFORCED CONCRETE DESIGN FOR EACH SITE.
6. THE OUTFALL MAY REQUIRE A SECURITY GRILL SUBJECT TO UNDERTAKING A RISK ASSESSMENT TAKING INTO ACCOUNT THE PIPE DIAMETER AND LOCATION OF THE STRUCTURE.
7. HANDRAILING SHOULD BE PROVIDED WHERE A PERSON COULD FALL TWO METRES OR MORE OR WHERE A LESSER FALL COULD RESULT IN SERIOUS INJURY.



PLAN



ELEVATION ON HEADWALL

SECTION A-A

[illegible]

South east water

SOUTH EAST WATER PLC
ROCFORD RD
SNODLAND
KENT ME6 5AH
TEL: 0845 2235111
FAX: 01634 873910

Project Name:

Drawing Title

TYPICAL DETAIL OF WASHOUT OUTFALL TO WATERCOURSE

Drawn By:	Checked By:	Approved By:	Date:
KLH	ACB	GW	23.06.10

OS Reference:

Drawing No.: 67344/004	Scale: 1:25	Sheet Size: A3	Rev: 0
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