

ENTRANCE ROAD TO A151

SITE

TREATED FOUL WATER DISCHARGE TO WATERCOURSE
SUBJECT TO SHIDB CONSENT UNDER BYELAW 3

ENVIRONMENTAL AGENCY PERMIT MAY BE REQUIRED FOR
DISCHARGE OF TREATED FOUL WATER TO SHIDB WATERCOURSE.

SHIDB MAX WATER LEVELS IN DYKE UNKNOWN.
MAX WATER LEVELS TO BE DISCUSSED WITH IDB
TO ENSURE TREATED FOUL DYKE HEADWALL INVERTS
ARE NOT SUBMERGED DURING ANY RAINFALL EVENTS.
IF LEVELS ARE HIGHER THAN PREDICTED SHIELDS
WILSON LTD. TO BE NOTIFIED IMMEDIATELY.

WORKS WITHIN 9m OF A MAINTAINED WATERCOURSE
SUBJECT TO SHIDB CONSENT UNDER BYELAW 10

NON-RETURN FLAP VALVE
FITTED TO HEADWALL

ALTHON H3C HEADWALL

2.270-1.975 INVERT LEVEL

TO BE INSTALLED IN ACCORDANCE
WITH MANUFACTURERS DETAILS

APPROXIMATE LINE OF EXISTING IDB DYKE,
HEAVY VEGETATION TO CURRENT BANKS

LARGE STONE 'RIP-RAP' EROSION PROTECTION
CAST IN LEAN MIX CONCRETE WITH 250mm SQ. TOE
TO SPLAY AT A 45° ANGLE TO EITHER SIDE OF HEADWALL

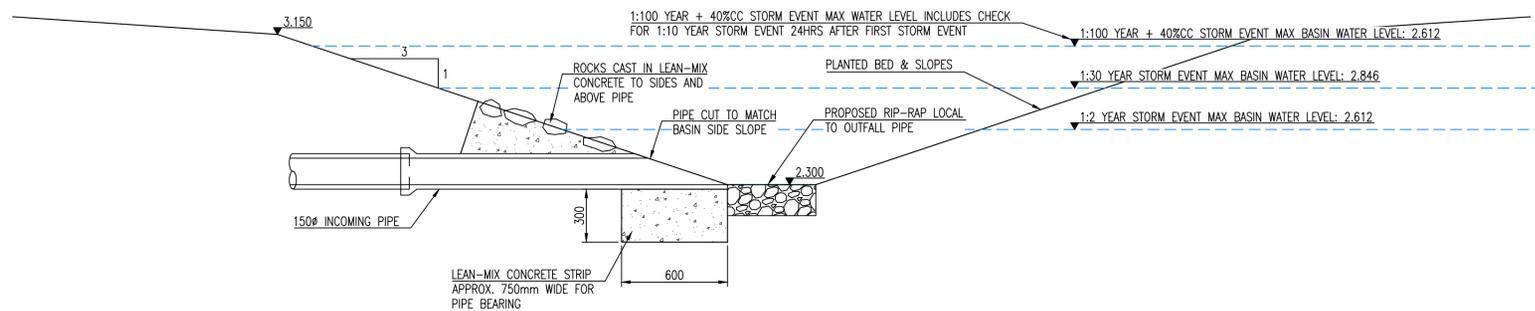
100-200mm OF WATER TO DYKE BED DURING 15/10/25 SITE VISIT.
WATER NOTED TO BE VISUALLY CONTAMINATED WITH PETRO-CHEMICALS

0.945 SURVEYED BOTTOM OF DYKE

0.640 ASSUMED APPROX. ACTUAL BOTTOM OF DYKE

VISIBLE SILT DEPOSITS TO DYKE BED

**TYPICAL SECTION THROUGH PROPOSED
TREATED FOUL OUTFALL INTO SHIDB WATERCOURSE**
SCALE 1:20



TYPICAL SECTION THROUGH PROPOSED INFILTRATION BASIN BIODIVERSITY LAGOON
SCALE 1:20

PLEASE REFER TO ARCHITECTS DRAWINGS FOR
CONFIRMATION OF ALL WALL/SETTING OUT
DIMENSIONS PRIOR TO COMMENCING OF WORKS

THIS DRAWING MUST BE READ IN CONJUNCTION
WITH ALL RELEVANT DRAWINGS & STRUCTURAL
CALCULATIONS



REV.	DESCRIPTION	DRN.	APP.	DATE
A	REVISION - HEADWALL TYPE AMENDED & FLAP VALVE ADDED.	MRB	MP	28.10.25
-	FIRST ISSUE - FOR INFORMATION.	MRB	APW	24.10.25

SHIELDS WILSON
e: info@shieldswilson.co.uk t: 01775 729262
STRUCTURAL AND CIVIL ENGINEERING

STATUS FOR INFORMATION

CLIENT KIRK CONNECTED CONSTRUCTION LTD.

PROJECT PROPOSED PADEL COURTS & OFFICE BUILDING
HOLBEACH ROAD, SPALDING, LINCOLNSHIRE

TITLE PROPOSED BASIN & DYKE DRAINAGE
SECTIONS & DETAILS

DATE	OCT. '25	SCALE @A1	DRAWING NO.	REV.
DRAWN	MRB	1:20	SW25-346-006	A