

HOLME BECK CHANNEL PLAN  
SCALE 1:500

DO NOT SCALE

Millimetres  
0 10 100

- GENERAL NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND DRAINAGE SCHEDULE. SHOULD DISCREPANCIES BE IDENTIFIED ON THE CONTRACT DRAWINGS THE DESIGN ENGINEER SHOULD BE INFORMED PRIOR TO CONSTRUCTION WORKS TAKING PLACE.
  - ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  - FOR CULVERT AND HEADWALL INFORMATION, REFER TO DRAWING STDC\_HWY-ATK-SBR-PR\_CN-SK-CB-000001 & STDC\_HWY-ATK-SBR-PR\_CN-SK-CB-000002. THESE DRAWINGS ARE CONCEPTUAL AND ARE SUBJECT TO CONTRACTOR DETAILED DESIGN.
  - TO BE READ IN CONJUNCTION WITH MCHW 'F' SERIES FOR CATCHPIT & FILTER PIPE STANDARD DETAILS.
  - FOR MAINTENANCE ACCESS GATES & FENCE LINES ALONG HOLME BECK WATERCOURSE, REFER TO FENCING DRAWING SERIES STDC\_HWY-ATK-HFE-PR-DR-CH-000001 TO 000010.
  - EXISTING HOLME BECK PIPED ROUTE INDICATIVE, TO BE CONFIRMED ON SITE DURING REMEDIATION WORKS.
  - FOR HIGHWAY DRAINAGE NETWORK DETAILS REFER TO DRAWINGS STDC\_HWY-ATK-HDG-PR-DR-CD-000001 TO 000010.

- KEY:**
- PLANNING APPLICATION RED LINE BOUNDARY
  - EXISTING HOLME BECK DITCH CENTRE LINE
  - EXISTING DRAINAGE SYSTEM
  - PROPOSED HOLME BECK DITCH CENTRE LINE
  - SCOUR PROTECTION AT HEADWALL LOCATIONS
  - PROPOSED GROUNDWATER FILTER DRAIN (TYPE H 150mmØ) WITH CATCHPIT (TYPE 7, 1050mmØ) AND RODDING POINTS
  - PROPOSED HOLME BECK PIPED CULVERT (1200mmØ), 3mØ MANHOLES & ALTHON H20CC INLET & OUTLET HEADWALLS
  - PROPOSED HIGHWAY DRAINAGE SYSTEM (CARRIER & FILTER), GULLY & LEADS, CATCHPITS, KERB DRAIN & ALTHON H20CC HEADWALLS
  - PROPOSED BOUNDARY FENCE & MAINTENANCE ACCESS GATES (SEE NOTE 5)

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

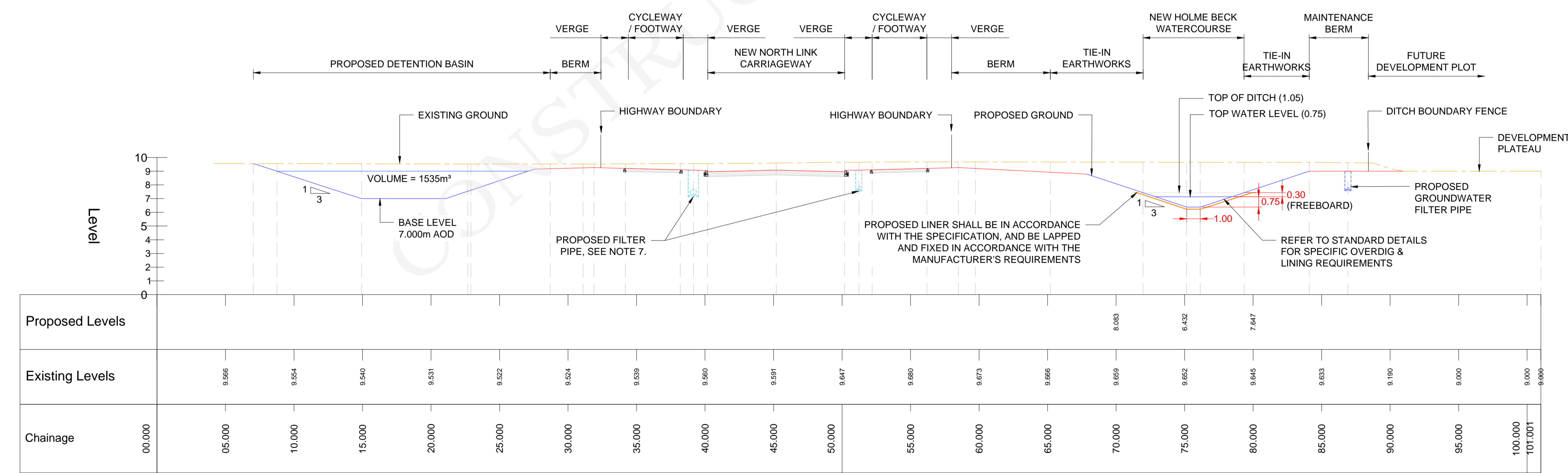
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
HS/HDG/001 - EXISTING UTILITY APPARATUS
HS/HDG/002 - CONSTRUCTION OVER NEW CULVERT (BOX)
HS/HDG/003 - EXISTING TAR BOUND PAVEMENTS
HS/HDG/004 - DRAINAGE IN ASBESTOS CONTAINING GROUND

Maintenance / Cleaning
NONE

Use
NONE

Decommissioning / Demolition
NONE



TYPICAL CROSS SECTION C-C  
SCALE 1:200

Proposed Levels	Existing Levels	Chainage
	9.666	00.000
	9.554	05.000
	9.540	10.000
	9.531	15.000
	9.622	20.000
	9.624	25.000
	9.639	30.000
	9.560	35.000
	9.591	40.000
	9.647	45.000
	9.680	50.000
	9.673	55.000
	9.666	60.000
	9.659	65.000
	9.652	70.000
	9.645	75.000
	9.633	80.000
	9.190	85.000
	9.000	90.000
	9.000	95.000
	9.000	100.000
	9.000	101.000

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
FOR AGREEMENT	S3	P01	CE	JR	AF	---	07/12/20
ISSUED FOR REVIEW AND COMMENT	S3	P02	CE	JR	MT	---	06/02/21
ISSUED FOR PLANNING	A1	CO1	MT	JR	AF	DS	17/03/21
UPDATED FOR DESIGN CHANGES FOR CONSTRUCTION ISSUE	A3	CO2	MT	DS	DMA	DS	21/05/21

APPROVED - CONSTRUCTION A3

**ATKINS**  
Member of the SNC-Lavalin Group  
Dunedin House  
Columbia Drive  
Stockton-on-Tees  
Cleveland  
TS17 6BJ  
Tel: +44 (0)1642 525200

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Project Title: SOUTH TEES DEVELOPMENT CORPORATION  
Drawing Title: DETAILED DESIGN of ESTON ROAD HIGHWAYS SCHEME SUDS AND RIVER RESTORATION PLAN & SECTION 3 OF 3

Drawing Number: STDC_HWY - ATK - HDG - PR_XS - DR - CD - 000003	Originator: PR_XS	Volume: -
Project: PR_XS - DR - CD - 000003	Type: -	Role: -
Location: -	Number: -	Rev: C02

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Scale 1:200  
Scale 1:500