

- 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-00001 & STDC\_HWY-ATK-SBR-PR\_CN-SK-CB-00002. 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-00001 TO 00010.
  - 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-00001 TO 00010.
- 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 H20CA HEADWALLS
  - PROPOSED BOUNDARY FENCE & MAINTENANCE ACCESS GATES (SEE NOTE 5)

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

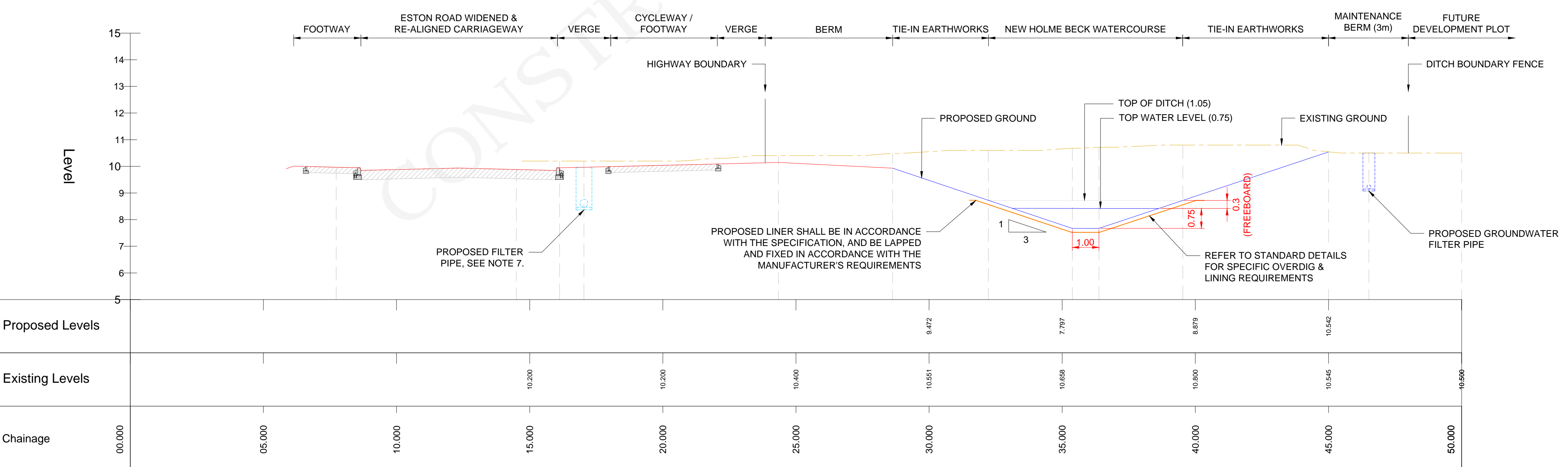
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

**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



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

Drawing Suitability: APPROVED - CONSTRUCTION A3

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**TEESWORKS**  
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Client: SOUTH TEES DEVELOPMENT CORPORATION

Drawing Title: DETAILED DESIGN of ESTON ROAD HIGHWAYS SCHEME SUDS AND RIVER RESTORATION PLAN & SECTION 2 OF 3

Project	STDC_HWY - ATK - HDG - PR_XS - DR - CD - 000002
Location	
Original Scale	A1 Scale AS SHOWN
Project Ref. No.	5198022
Sheet	2 of 3
Rev.	C02

