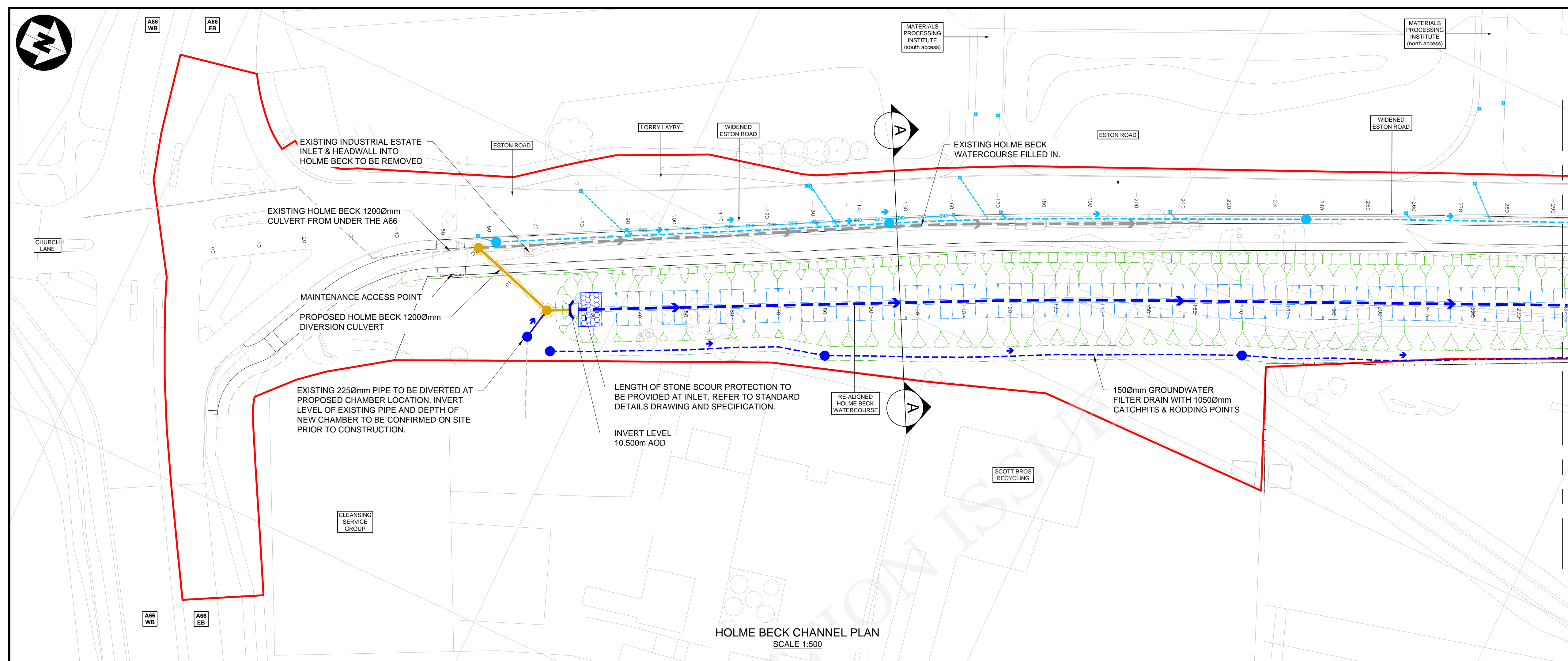


DO NOT SCALE

Millimetres
0 10 100



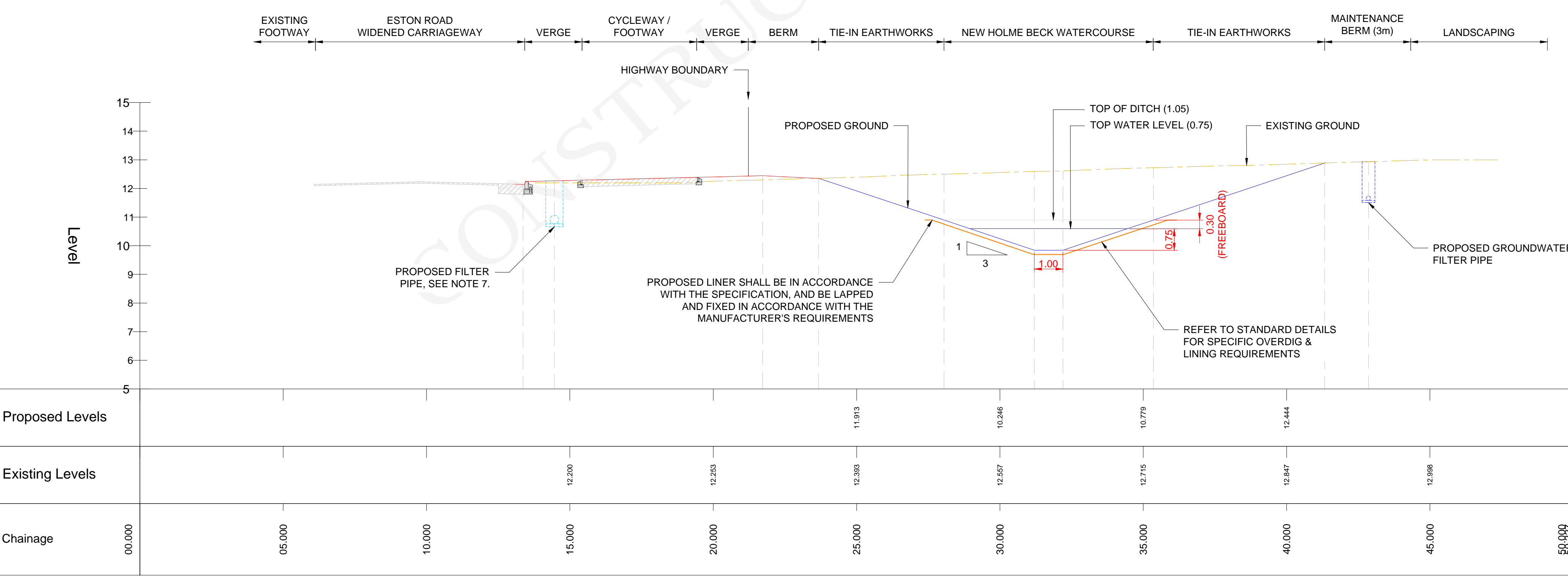
- GENERAL NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND DRAINAGE SCHEDULE. SHOULD DISCREPANCIES BE IDENTIFIED ON THE CONTRACT DRAWINGS THE DESIGN ENGINEER SHOULD BE INFORMED PRIOR TO CONSTRUCTION WORKS TAKING PLACE.
 - ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - 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/003 - EXISTING TAR BOUND PAVEMENTS
HS/HDG/004 - DRAINAGE IN ASBESTOS CONTAINING GROUND
Maintenance / Cleaning
NONE
Use
NONE
Decommissioning / Demolition
NONE



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
Copyright © Atkins Limited (2021) www.atkinsglobal.com

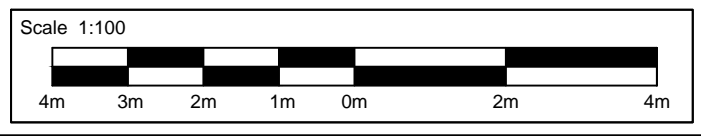
TEESWORKS
The UK's largest industrial zone

Project Title: SOUTH TEES DEVELOPMENT CORPORATION

Drawing Title: DETAILED DESIGN of ESTON ROAD HIGHWAYS SCHEME SUDS AND RIVER RESTORATION PLAN & SECTION 1 OF 3

Drawing Number	Project	Originator	Volume
STDC_HWY - ATK - HDG - PR_XS - DR - CD - 000001			
Location	Scale	Project Ref. No.	Sheet / Number
A1	AS SHOWN	5198022	1 of 3
Original Size	Scale	Project Ref. No.	Sheet / Number
A1	AS SHOWN	5198022	1 of 3
Revision	By	Date	Rev.
C02			

This map is based on Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. STDC 19/06/2023, 2021.



TYPICAL CROSS SECTION A-A
SCALE 1:100