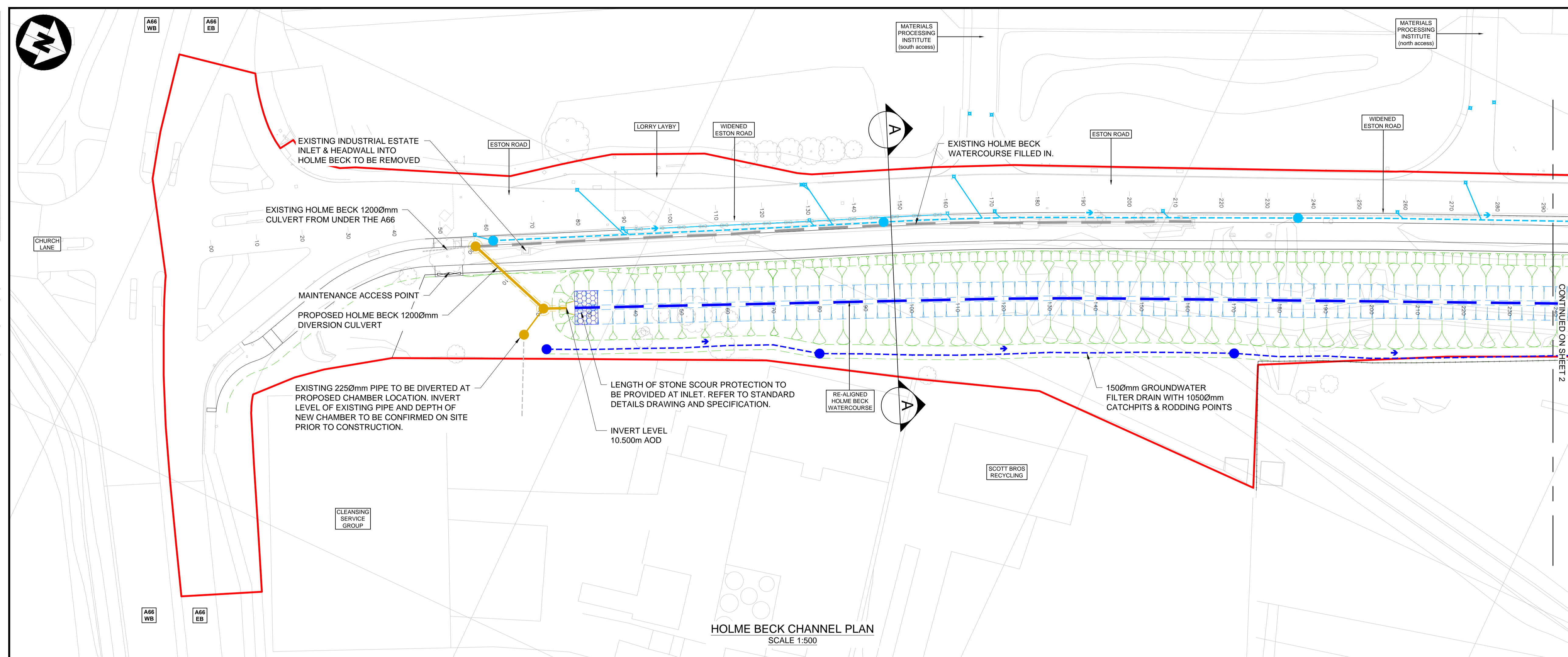


DO NOT SCALE

Millimetres
0 10 100



HOLME BECK CHANNEL PLAN
SCALE 1:500

- 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 H2CA 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/DRN/001 - EXISTING UTILITY APPARATUS
HS/DRN/002 - POTENTIAL CONTAMINATED EXCAVATIONS
HS/DRN/003 - ADJACENT POTENTIALLY DEEP WATER AREAS

Maintenance / Cleaning
NONE

Use
NONE

Decommissioning / Demolition
NONE

Description
FOR AGREEMENT

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S3	P01	CE	J R	AF	---	07/12/20

Description
ISSUED FOR REVIEW AND COMMENT

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S3	P02	CE	J R	MT	---	06/02/21

Description
ISSUED FOR PLANNING

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	C01	MT	J R	AF	DS	17/03/21

APPROVED - PUBLISHED A1

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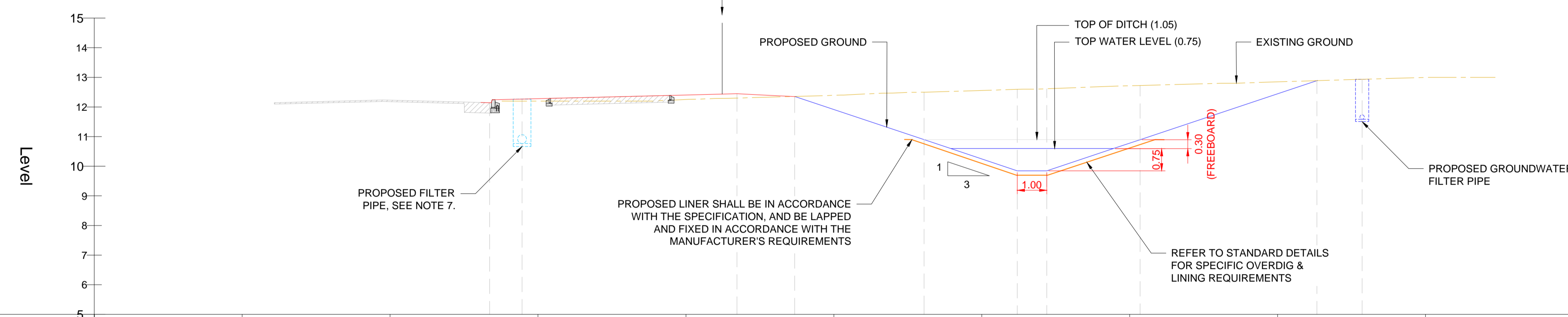
South Tees Development Corporation

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	Type	Role	Number
A1	Scale AS SHOWN	Project Ref. No. 5198022	Sheet: 1 of 3



Chainage	00,000	05,000	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000
Proposed Levels						11.813	10.246	10.779	12.444		
Existing Levels				12.200	12.253	12.393	12.557	12.715	12.847	12.998	

TYPICAL CROSS SECTION A-A
SCALE 1:100

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Scale 1:100
Scale 1:500