



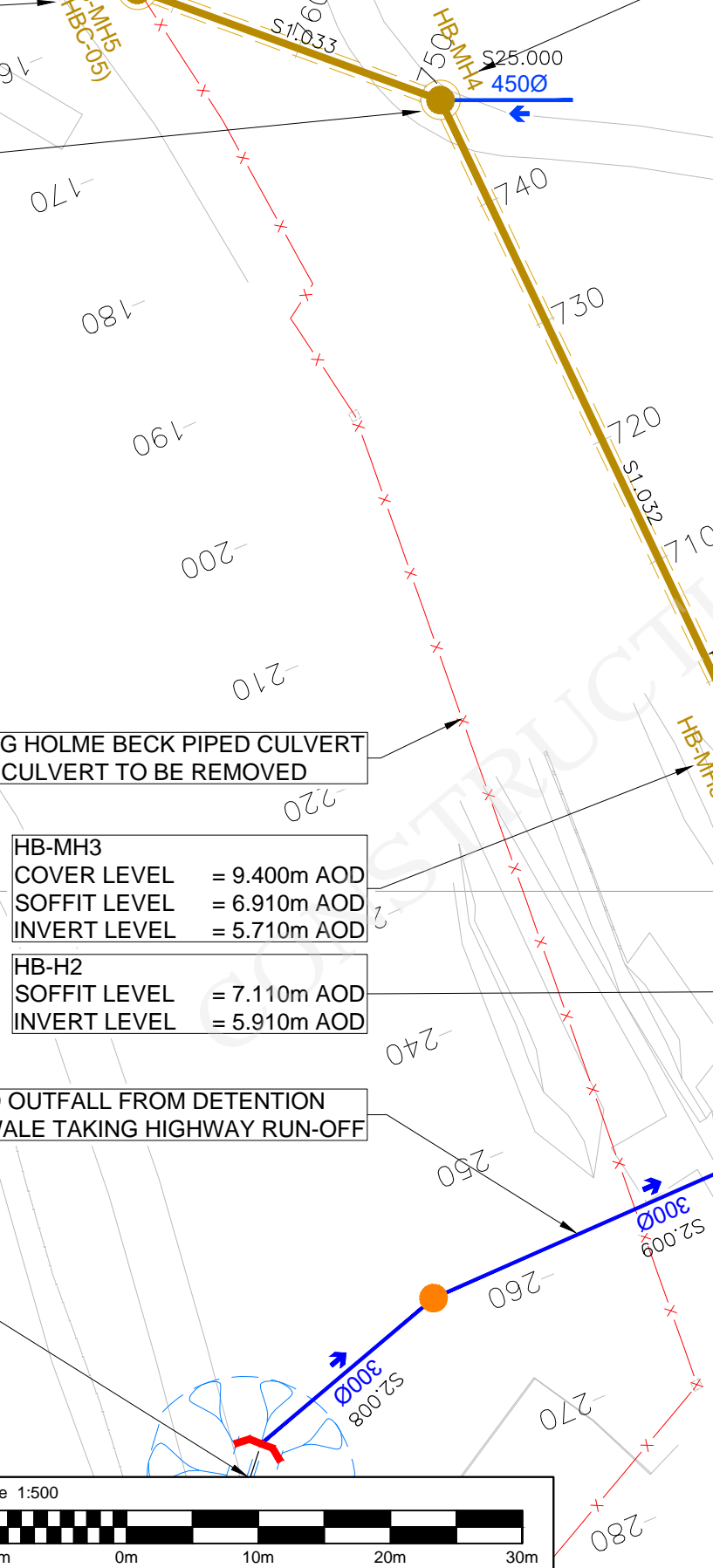
EXISTING HOLME BECK PIPED CULVERT
(1200mmØ PRE-CAST CONCRETE)

PROPOSED MANHOLE (3000mmØ) CONSTRUCTED ON LOCATION
OF EXISTING HOLME BECK CULVERT MANHOLE HBC-05.
REFER TO DWG: STDC_HWY-ATK-HDG-PR-DE-CD-000001.

PROPOSED MANHOLE (3000mmØ).
REFER TO DWG: STDC_HWY-ATK-HDG-PR-DE-CD-000001.

HB-MH5 (Ex. HBC-05)
COVER LEVEL = 9.130m AOD
SOFFIT LEVEL = 5.300m AOD
INVERT LEVEL = 4.100m AOD

HB-MH4
COVER LEVEL = 9.150m AOD
SOFFIT LEVEL = 6.375m AOD
INVERT LEVEL = 5.175m AOD



EXISTING HOLME BECK PIPED CULVERT
/ BRICK CULVERT TO BE REMOVED

HB-MH3
COVER LEVEL = 9.400m AOD
SOFFIT LEVEL = 6.910m AOD
INVERT LEVEL = 5.710m AOD

HB-MH2
SOFFIT LEVEL = 7.110m AOD
INVERT LEVEL = 5.910m AOD

PROPOSED OUTFALL FROM DETENTION
POND & SWALE TAKING HIGHWAY RUN-OFF

PROPOSED DETENTION
POND & SWALE

PROPOSED 1200mmØ NEW HOLME BECK PIPED CULVERT
WITH TYPE S SURROUND (CH 675-773). REFER TO DWG:
STDC_HWY-ATK-HDG-PR-DE-CD-000001.

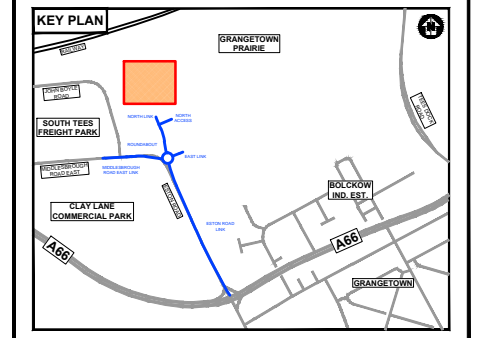
PROPOSED MANHOLE (3000mmØ).
REFER TO DWG: STDC_HWY-ATK-HDG-PR-DE-CD-000001.

PROPOSED WATERCOURSE DISCHARGES
INTO 1200mmØ PIPED CULVERT VIA ALTHON
H20 CC HEADWALL. REFER TO DWG:
STDC_HWY-ATK-HDG-PR-DE-CD-000003.

PROPOSED RE-ALIGNED AND
DEEPEINED ROUTE OF HOLME BECK
WATERCOURSE. REFER TO DWGS:
STDC_HWY-ATK-HDG-PR_XS-DR-CD-
000001 TO 000003.

KEY - DRAINAGE :

- PROPOSED HOLME BECK 1200mmØ PIPED CONCRETE CULVERT
- PROPOSED HOLME BECK 3000mmØ MANHOLES
- PROPOSED ALTHON H20CC HEADWALL
- EXISTING DRAINAGE SYSTEM
- EXISTING DRAINAGE SYSTEM TO BE REMOVED / ABANDONED
- PROPOSED HIGHWAY CARRIER PIPE
- PROPOSED HOLME BECK FILTER PIPE
- PROPOSED RE-ALIGNED HOLME BECK
- PROPOSED HOLME BECK SCOUR PROTECTION
- PROPOSED CHAMBER / RODDING POINT
- PROPOSED ALTHON H6CA HEADWALL
- PIPE SIZE AND FLOW DIRECTION ARROW FOR PIPED SYSTEMS



Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
ISSUED FOR PIPED CULVERT APPROVAL TO RCBC / STDC	A1	CO1	MT	DS	MT	DS	14/05/21
UPDATED FOR DESIGN CHANGES FOR CONSTRUCTION ISSUE	A3	CO2	MT	DS	DMA	DS	21/05/21

Drawing Suitability: APPROVED - CONSTRUCTION

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Project Title: SOUTH TEES DEVELOPMENT CORPORATION
Drawing Title: DETAILED DESIGN of ESTON ROAD HIGHWAYS SCHEME HOLME BECK PIPED CULVERT NORTH SECTION CH 675.000 TO 773.000

Project	STDC_HWY - ATK - HDG - PR	Volume	DR - CH - 000002
Location	PR	Type	Role / Number
Original Scale	A3	Scale	1:500
Project Ref. No.	5198022	Sheet	1 of 1
Rev.	C02		

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