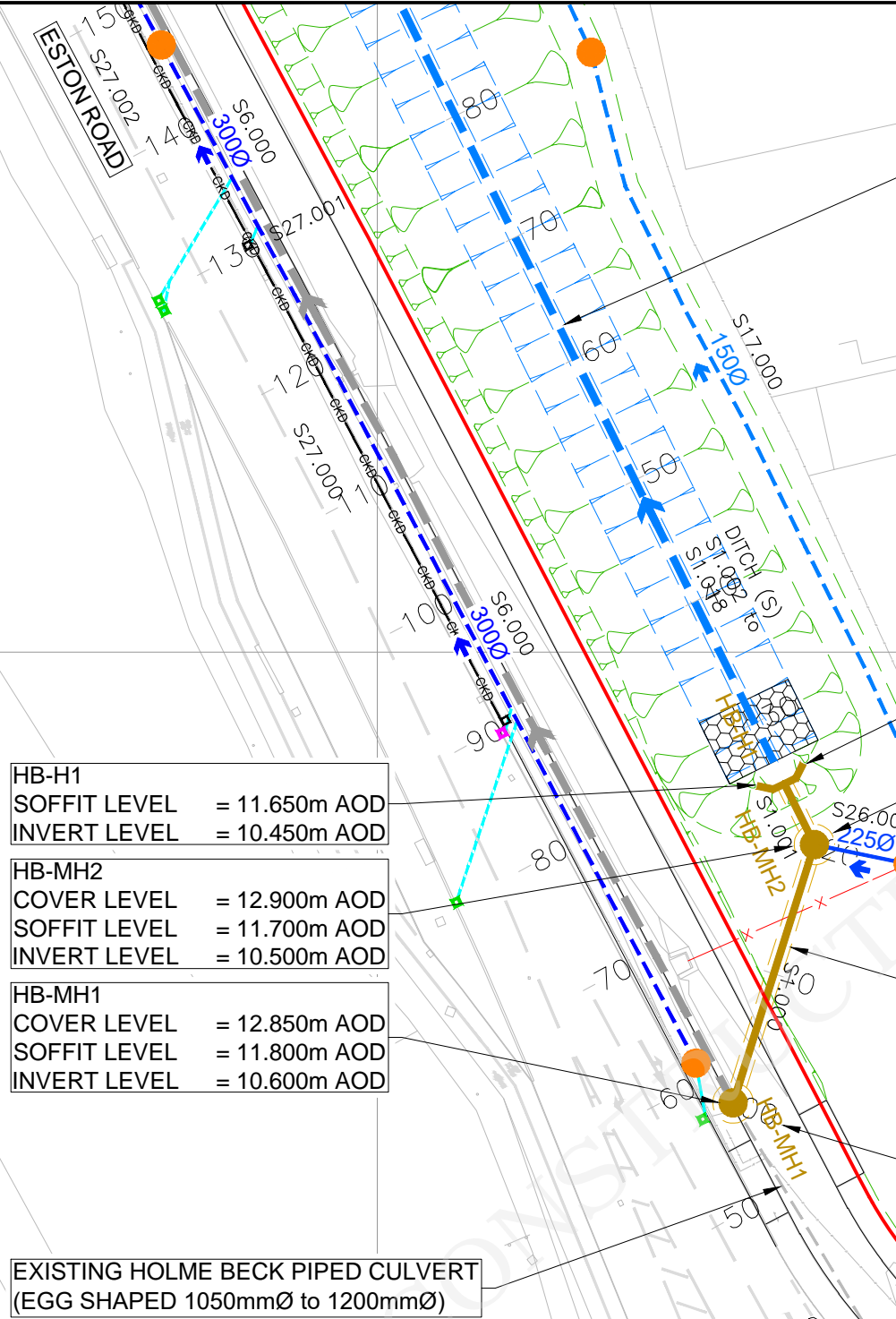




Millimetres

10  
0

DO NOT SCALE



PROPOSED RE-ALIGNED AND DEEPEINED ROUTE OF HOLME BECK WATERCOURSE. REFER TO DWGS: STDC\_HWY-ATK-HDG-PR\_XS-DR-CD-000001 TO 000003.

PROPOSED PIPED CULVERT DISCHARGES INTO WATERCOURSE VIA ALTHON H2O CC HEADWALL. REFER TO DWG: STDC\_HWY-ATK-HDG-PR-DE-CD-000003.

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

EXISTING INDUSTRIAL ESTATE OUTFLOW PIPE DIVERTED INTO PROPOSED SYSTEM

PROPOSED 1200mmØ EXTENSION TO HOLME BECK PIPED CULVERT WITH TYPE Z CONCRETE SURROUND (CH 0-20). REFER TO DWG: STDC\_HWY-ATK-HDG-PR-DE-CD-000001.

PROPOSED MANHOLE HB-MH1 (3000mmØ) CONSTRUCTED ON LOCATION OF EXISTING HOLME BECK CULVERT OUTFALL. REFER TO DWG: STDC\_HWY-ATK-HDG-PR-DE-CD-000001.

HB-H1  
SOFFIT LEVEL = 11.650m AOD  
INVERT LEVEL = 10.450m AOD

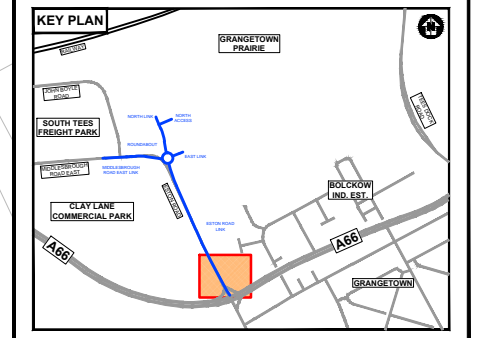
HB-MH2  
COVER LEVEL = 12.900m AOD  
SOFFIT LEVEL = 11.700m AOD  
INVERT LEVEL = 10.500m AOD

HB-MH1  
COVER LEVEL = 12.850m AOD  
SOFFIT LEVEL = 11.800m AOD  
INVERT LEVEL = 10.600m AOD

EXISTING HOLME BECK PIPED CULVERT (EGG SHAPED 1050mmØ to 1200mmØ)

**KEY - DRAINAGE :**

- PROPOSED HOLME BECK 1200mmØ PIPED CONCRETE CULVERT
- HB-MHx PROPOSED HOLME BECK 3000mmØ MANHOLES
- ID PROPOSED ALTHON H2OCC HEADWALL
- EXISTING DRAINAGE SYSTEM
- EXISTING HOLME BECK WATERCOURSE
- PROPOSED HIGHWAY FILTER PIPE
- PROPOSED HIGHWAY CARRIER PIPE
- PROPOSED 150mmØ GULLY & LEAD
- EXISTING 150mmØ GULLY & LEAD
- PROPOSED COMBINED KERB DRAIN & GULLY OUTLET
- PROPOSED HOLME BECK FILTER PIPE
- PROPOSED RE-ALIGNED HOLME BECK
- PROPOSED HOLME BECK SCOUR PROTECTION
- PROPOSED CHAMBER / RODDING POINT
- 3000 PIPE SIZE AND FLOW DIRECTION ARROW FOR PIPED SYSTEMS
- PROPOSED NEW HIGHWAY BOUNDARY



Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
Description						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A1	CO1	MT	DS	MT	DS	14/05/21
Description						
UPDATED FOR DESIGN CHANGES FOR CONSTRUCTION ISSUE						
Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
A3	CO2	MT	DS	DMA	DS	21/05/21
Drawing Suitability						
APPROVED - CONSTRUCTION						A3

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Client: SOUTH TEES DEVELOPMENT CORPORATION

Drawing Title: DETAILED DESIGN of ESTON ROAD HIGHWAYS SCHEME HOLME BECK PIPED CULVERT SOUTH SECTION CH 0.000 TO 25.000

Drawing Number	Project	Originator	Volume
STDC_HWY	ATK	HDG	
PR	DR	CH	000001
Location	Type	Role	Number
A3	Scale: 1:500	Project Ref. No: 5198022	Sheet: 1 of 1 Rev: C02

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