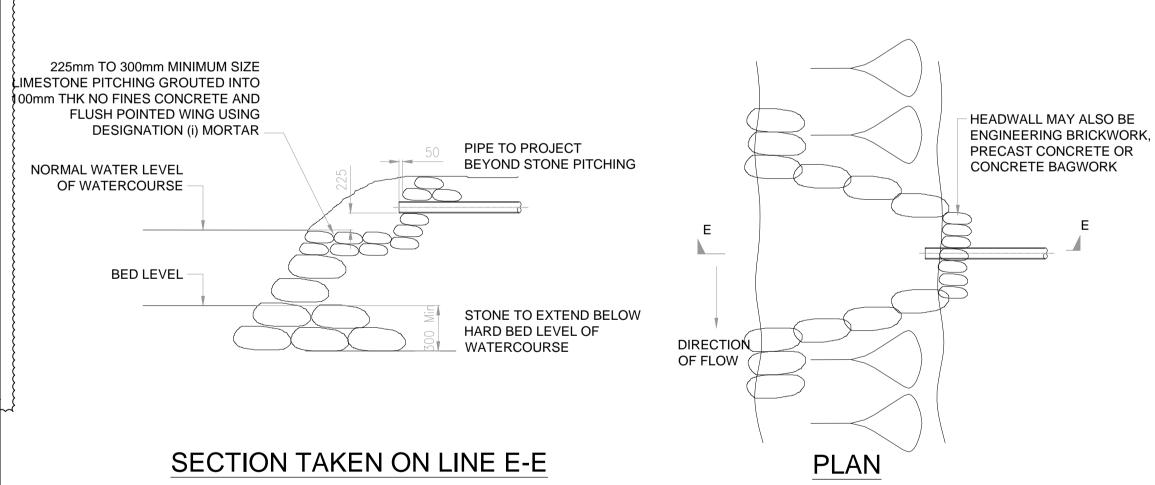


NOTE: ISOMETRIC DRAWING IS

ALTHON H6CA HEADWALL SECTIONS & TYPICAL DETAILS SCALE 1:20



GENERAL NOTES

TYPICAL FILTER DRAIN RODDING POINT

- 1. PIPE OUTFALL EXIT VELOCITY SHOULD NOT EXCEED 1.2m/s
- 2. THE HEADWALL AND WINGWALLS SHOULD NOT PROJECT BEYOND OR ABOVE THE LINE OF THE BANK
- 3. NO PART OF THE STRUCTURE SHOULD CUT INTO ANY FLOOD EMBANKMENT.
- 4. SULPHATE RESISTANT CEMENT TO BE USED IN MORTAR CONCRETE WHERE REQUIRED.
- 5. STONE SHALL BE OF GOOD, HARD, DURABLE QUALITY, UNIFORM TEXTURE AND FREE FROM IRON BANDS, SPOTS, SAND HOLES,
- FLAWS, SHAKES AND OTHER IMPERFECTIONS
- 6. MATERIAL SPECIFICATIONS ARE AS FOLLOWS:
 - I) STONE WORK TO CLAUSE 2413 II) MORTAR DESIGNATION (I) TO CLAUSE 2404 III) POROUS NO-FINES CONCRETE TO CLAUSE 2603
- 7. THE EXACT LOCATION OF THE OUTFALL TO BE DETERMINED AND AGREED ON SITE WITH DESIGNERS REPRESENTATIVES

STANDARD OUTFALL TO WATERCOURSE

(SUPPLIED BY ENVIRONMENT AGENCY)

1. ALL DIMENSIONS IN MM

NOTES:

- 2. ALL MEASUREMENTS ± 1MM
- 2. FOR HIGHWAY DRAINAGE DETAILED KEY & NOTES REFER TO DRAWING: STDC_HWY-ATK-HDG-PR-DR-CD-000001.
- 3. FOR HIGHWAY DRAINAGE LAYOUT REFER TO DRAWINGS: STDC_HWY-ATK-HDG-PR-DE-CD-000002 TO 010.
- 4. FOR HOLME BECK WATERCOURSE LAYOUT AND STANDARD DETAILS REFER TO DRAWINGS:

STDC_HWY-ATK-HDG-PR_XS-DE-CD-000001 TO 003.

- 5. REFER TO DESIGN RISK REGISTER: XXXXX
- 6. FOR HEADWALL (INLET & OUTLET) ARRANGEMENTS IN RELATION TO BOX CULVERTS UNDER THE EAST LINK AND NORTH LINK ACCESS, THESE ARE TO BE DETERMINED AS CONTRACTOR DESIGNED. ALLOWANCE SHOULD BE MADE FOR GRADIENT OF WATERCOURSE EARTHWORKS TIE-INS AS SHOWN.
- 7. TO BE READ IN CONJUNCTION WITH THE DRAINAGE AND EARTHWORKS SPECIFICATIONS.

SSUED FOR REVIEW AND COMMENT CE ISSUED FOR PIPED CULVERT APPROVAL TO RCBC / STDC C01 MT DS MT DS 14/05/21 JPDATED FOR PRE-CONSTRUCTION CHANGES

DS DMA DS 21/05/21

APPROVED - CONSTRUCTION

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DETAILED DESIGN of ESTON ROAD HIGHWAYS SCHEME HOLME BECK WATERCOURSE OTHER STANDARD DETAIL

STDC_HWY - ATK - HDG -

- DE - CD - 000003

This Drawing is saved on ProjectWise. Plotted: 23/05/2021 09:57:31 By: TURN4371

C01

TYPICAL VERTICAL BACKDROP DETAIL

(MANHOLES ONLY)