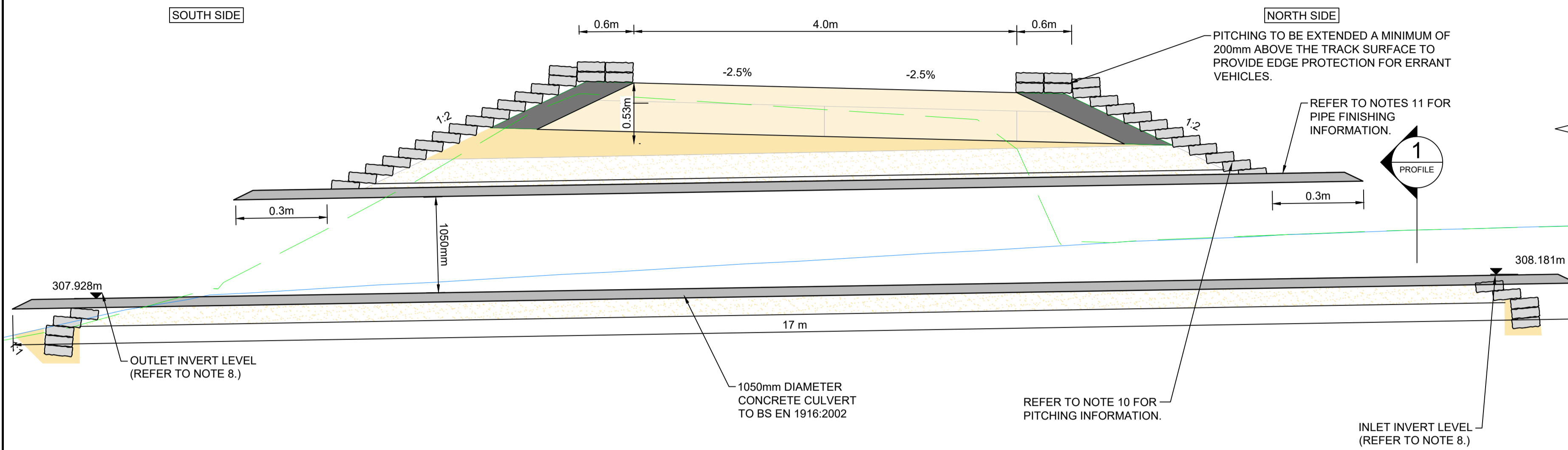


A-A  
CH.332.217

### LAYOUT OF 1050mm CONCRETE CULVERT AT CH. 332.217

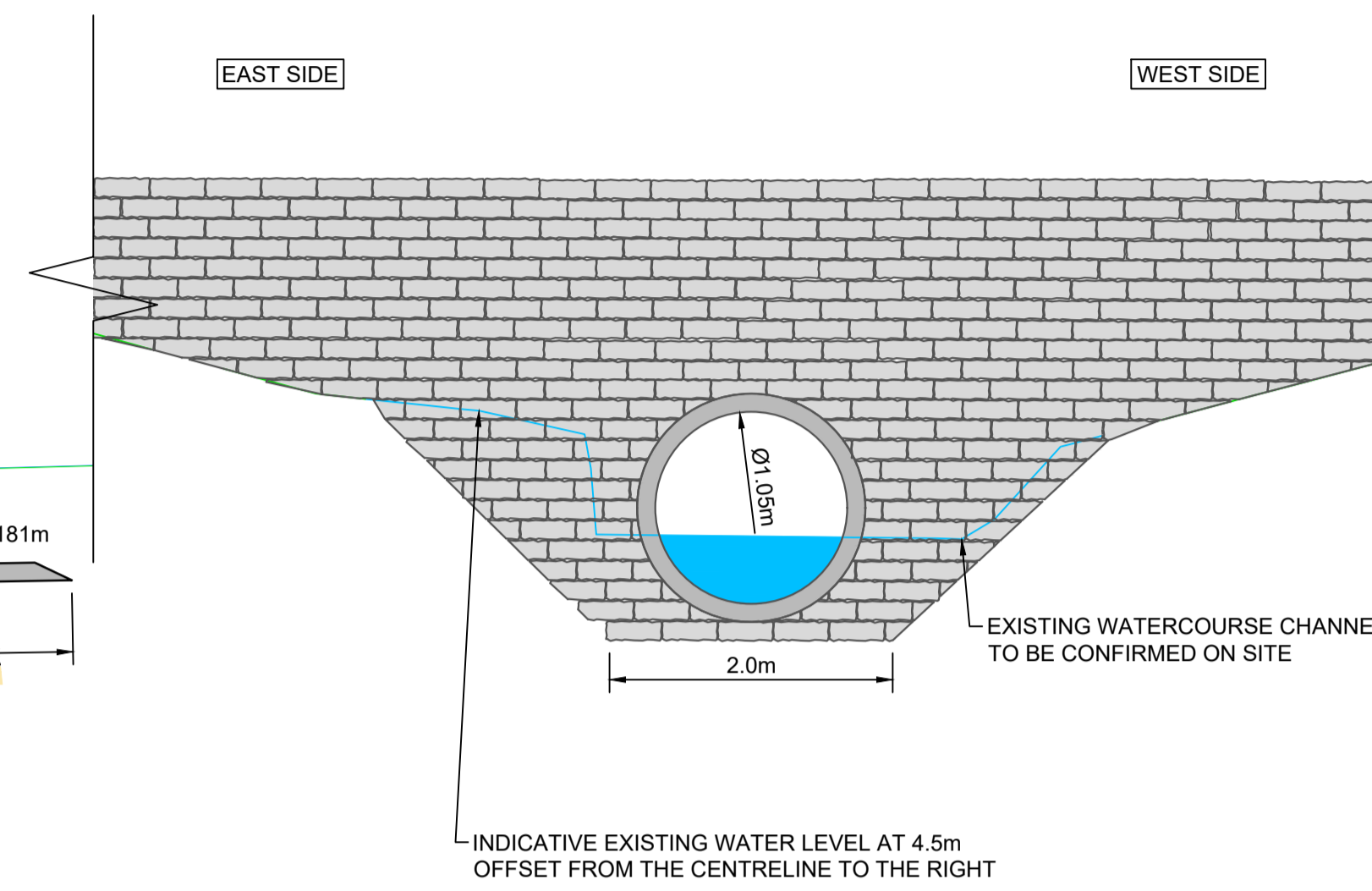
SCALE 1:35



1  
DETAIL

### SINGLE PIPE ELEVATION (DIA. 1050 mm)

SCALE 1:35



- Notes:-
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  - TYPICAL SECTIONS ASSUME A TRACK WIDTH OF 4m AND AN EXISTING TRACK WIDTH OF 3m.
  - FOR PLAN VIEW DRAWINGS PLEASE REFER TO DRAWING 10058105-ARC-GEN-ZZ-DR-CE-00011.
  - FOR GENERAL ARRANGEMENT DRAWINGS PLEASE REFER TO 10058105-ARC-GEN-ZZ-DR-CE-00008, 00009 AND 00010.
  - FOR LONG SECTION DRAWINGS PLEASE REFER TO 10058105-ARC-GEN-ZZ-DR-CE-00012 TO -00015.
  - FOR FURTHER DESIGN BACKGROUND AND INFORMATION, PLEASE REFER TO TECHNICAL NOTE 10058105-ARC-GEN-ZZ-TN-CE-00001.
  - TOPOGRAPHICAL SURVEY IS KNOWN TO BE INACCURATE AND ALL LEVELS ARE TO BE CONFIRMED ON SITE.
  - INVERT LEVELS ARE BASED ON SURVEYED WATER LEVEL AND AN ASSUMED WATER DEPTH OF 200mm. THESE ARE TO BE ASSESSED AND CONFIRMED ON SITE BY THE CONTRACTOR.
  - CULVERTS AND PIPES ARE TO BE CONCRETE TO BS EN 1916:2002.
  - BLOCKWORK SIDE SLOPES TO BE PITCHED AT A MINIMUM SIDE SLOPE OF 1:2. PITCHING TO BE FIRM DENSE GRITSTONE. PITCHING SELECTED TO BE EVEN FLAT STONES OF SIMILAR SIZE AND SHAPE TO ALLOW THEM TO BE LAID DRY, WITH THE APPEARANCE OF RESERVOIR PITCHING OR DRY STONE WALL. MINIMUM INDIVIDUAL BLOCK SIZE TO BE 300mm WIDE, 300mm DEEP AND 100mm THICK. PITCHING LAID WITH NOMINAL BACK FALL INTO SLOPE.
  - PIPES TO BE CUT TO ANGLE OF SLOPE WITH APPROXIMATELY 300mm OVERHANG OF PITCHING PROFILE. CONTRACTOR TO ENSURE NO SHARP EDGES ARE LEFT ON THE FINISHED CULVERT.
  - CULVERTS AND PIPES ARE TO BE CONCRETE TO BS EN 1916:2002.
  - COLOUR HUES OF MATERIALS ARE REPRESENTATIONAL ONLY AND MAY CHANGE SLIGHTLY.
- NOTE: THE WARRANTY OF CULVERTS IS LIKELY TO BE INVALIDATED AS A RESULT OF THE PIPE CUTTING.

KEY

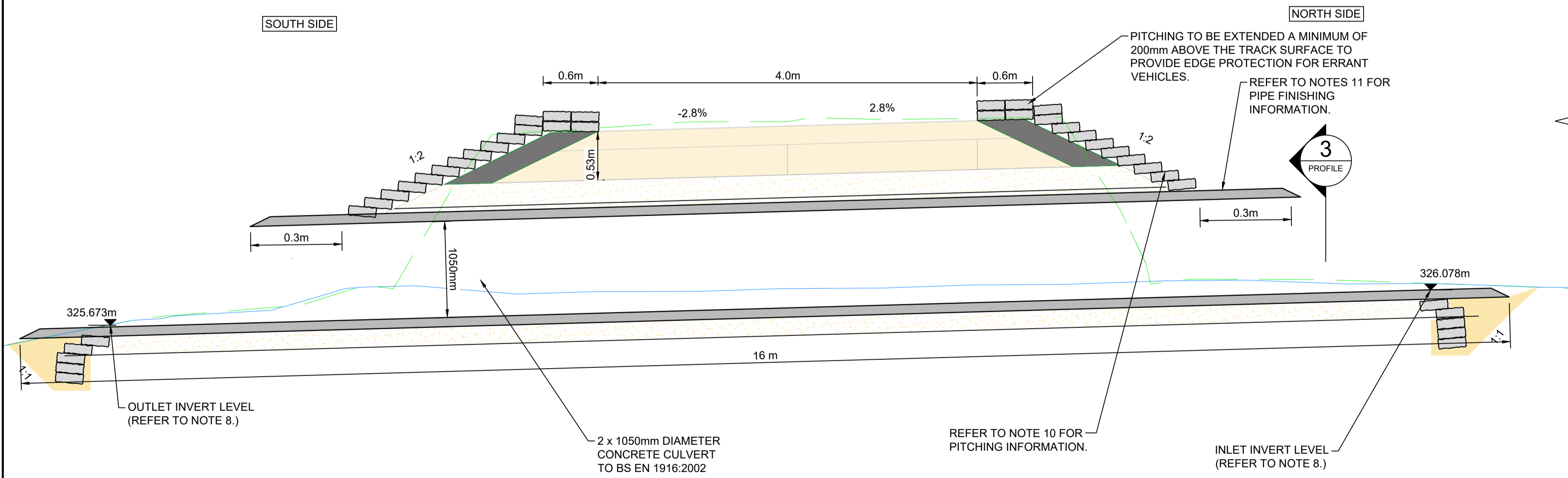
- EXISTING GROUND LEVEL
- INDICATIVE EXISTING WATER LEVEL
- XXX.XXXm INVERT LEVEL OF PIPE
- PROPOSED TRACK
- PROPOSED ADDITIONAL FILL MATERIAL
- PROPOSED DRAINAGE FILL
- PROPOSED CONCRETE PIPE
- LOCALLY SOURCED NATURAL STONE PITCHING, INDICATIVE COLOUR SHOWN

Rev	Date	Description	Prod.	Chk.	Rev.	App.
C01	20/10/23	Updated as per CRT comments	VK	AC	RT	AH

C-C  
CH.880.368

### LAYOUT OF 1050mm TWIN CONCRETE CULVERT AT CH. 880.368

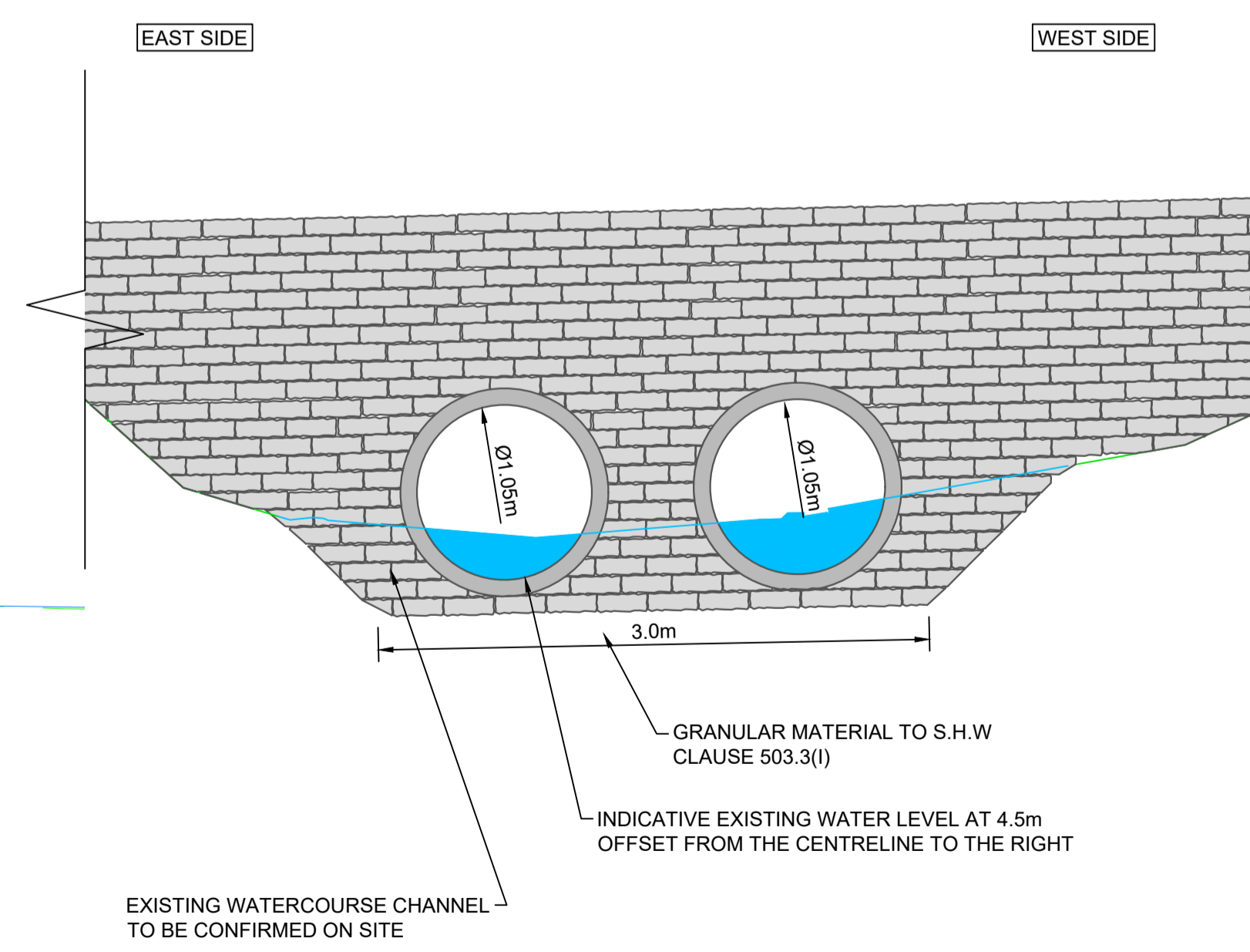
SCALE 1:35



3  
DETAIL

### DOUBLE PIPE ELEVATION (DIA. 1050 mm)

SCALE 1:35



**Canal & River Trust**  
Making life better by water

Project:  
**March Haigh Reservoir Access Track**

Site: March Haigh Reservoir, Blake Lea Lane Marsden, Huddersfield Client: Canal & River Trust Feams Wharf, Neptune Street, Leeds, LS9 9PB

**ARCADIS**

Registered office: 80 Fenchurch Street, London EC3M 4BY  
Coordinating office: 1st Floor, 12 Kings Street, Leeds, LS1 2HL  
Tel: +44 (0)113 284 5300

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Drawing Title:  
**TYPICAL CROSS SECTIONS  
ILLUSTRATIVE WATERCOURSE DETAILS  
SHEET 1 OF 1**

Designed:	Signed:	Date:
R. Tyrer	Digitally Signed	17/10/23
Produced:	Signed	Date
v.k	Digitally Signed	17/10/23
Checked:	Signed	Date
A. Carter	Digitally Signed	18/10/23
Reviewed:	Signed	Date
R. Tyrer	Digitally Signed	20/10/23
Approved:	Signed	Date
A. Holt	Digitally Signed	20/10/23

Design Stage: Detailed Design

Original Size: A1 Grid: OS Datum: AOD  
Suitability Code: A4 Scale: AS SHOWN Project Number: 10058105  
Suitability Description:

Detailed Design Stage Complete  
Authorized and Accepted

Drawing Number: **10058105 - ARC - GEN - ZZ - DS - HE - 00003** Revision: **C01**