

A1

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G

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I

J

K

L

M

N

Kee Klamp handrail or similar approved

Ithon AH10CB LH Headwall or similar approved

30 Year River Level - 30.610mAOD

aid 75mm

iving level

River Irk - 27.230mAOD

26.780mAOD

return rectly

Section

Althon SFA10C Headwall or similar approved

Edge rubble laid 75 above paving level

Elevation

Rocker pipe (effective length - 600m)

300Ø pipe

28.014mAOD

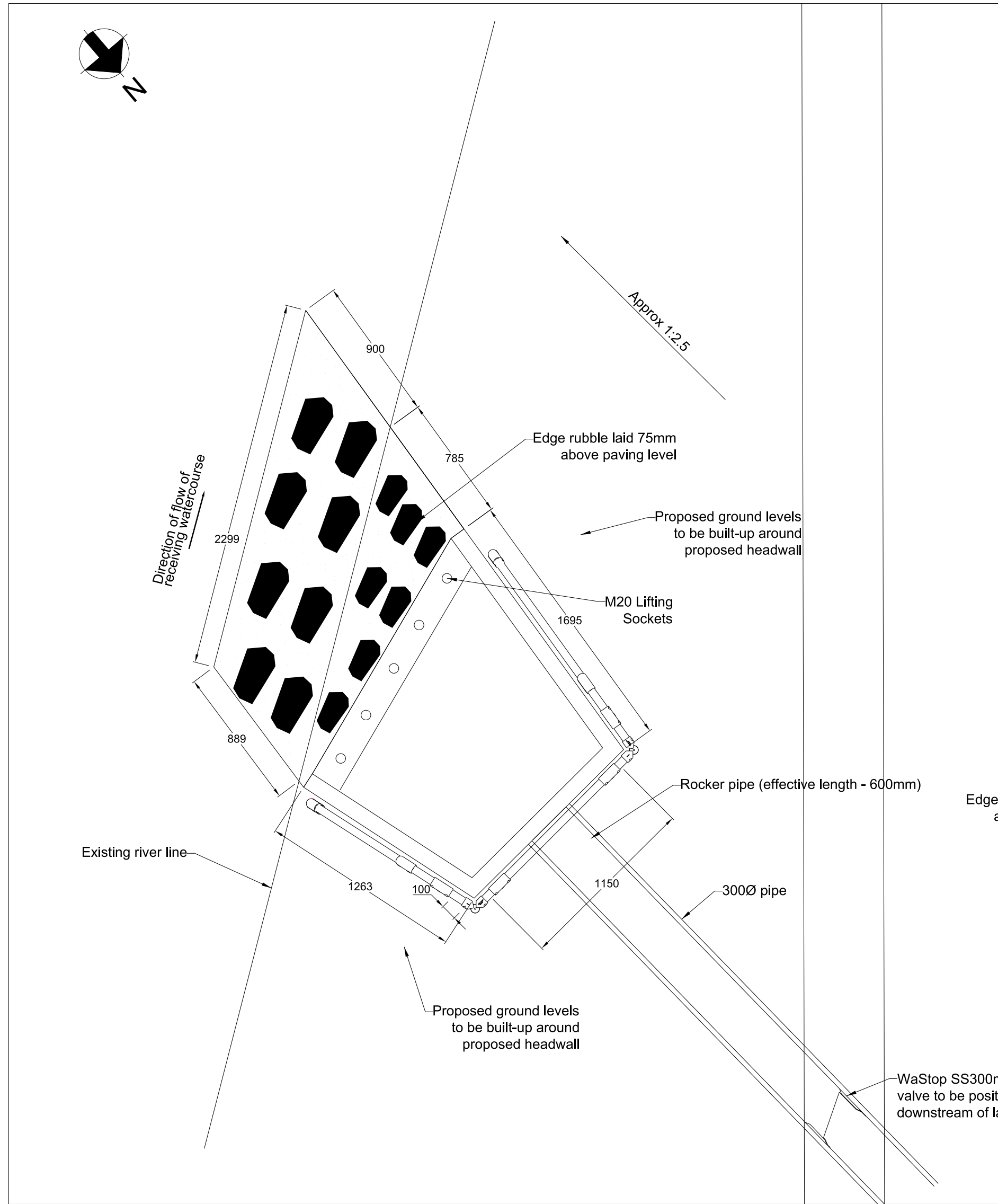
150mm FND2 concrete surround cast integrally with headwall

27.514mAOD

FND2 concrete 75 thick blinding concrete. (Note 8)

225 to 300 thick uncoursed random rubble pacing on 100 thk Grade C30 concrete and pointed in Class M1 Mortar

Toe of rubble foundation to be within existing river channel



Plan

Notes

1. All dimensions are in mm, all levels in mAOD, unless specified otherwise.
2. Do not scale from this drawing.
3. This drawing should be read in conjunction with all relevant Engineer's and Architect's drawings, reports and specifications
4. Generally the angle between direction of flow of the receiving watercourse and the outfall pipe should be 45 degrees
5. All reinforced concrete edges to be finished with a 25 x 25 fillet
6. Min cover to reinforcement in the top face of the base slab to be 40mm
7. Secure handrailing shall be supplied where a person may fall 2 metres or more or where a fall of less than 2 metres carries an increased risk of injury due to the landing surface
8. Concrete Requirements. Concrete to be in accordance with BS 8500 parts 1 and 2:
 - Concrete chemical class - Made ground: AC-3s DC-1
 - Natural Ground: AC-1s DC-1

P01	17/12/21			DH	RG	RG	—
P02	22/07/22	WS4 Issue to BAM		DH	RG	LS	—
P03	08/08/22	Issued for Technical Approval		ES	DH	RG	—
P04	09/09/22	Issued for S104 Application		DH	DH	RG	—
P05	12/09/22	Issued to Reflect UU/EA Comments		DH	DH	RG	—
P06	10/10/22	Full WS4 Issue		ES	DH	RG	—
P07	20/10/22	Issued for Full WS4		ES	DH	RG	—
Rev	Date	Description	By	Chkd	Appd	Auth	

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Client



Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Proposed Headwall Details
River Outfall
Basin

Scale at A1
Anup Job No 282022-00

Role
Civil - Drainage

Suitability
S4 - Issued for Construction Approval

Rev	By	ES	Chkd	DH	Appd	RG	—
P07	Date	19/10/22	Date	20/10/22	Date	20/10/22	—

Name
VNIF - ARP - 00 - YYY - DR - CD - 0016
Project Originator Volume Location Type Role Number