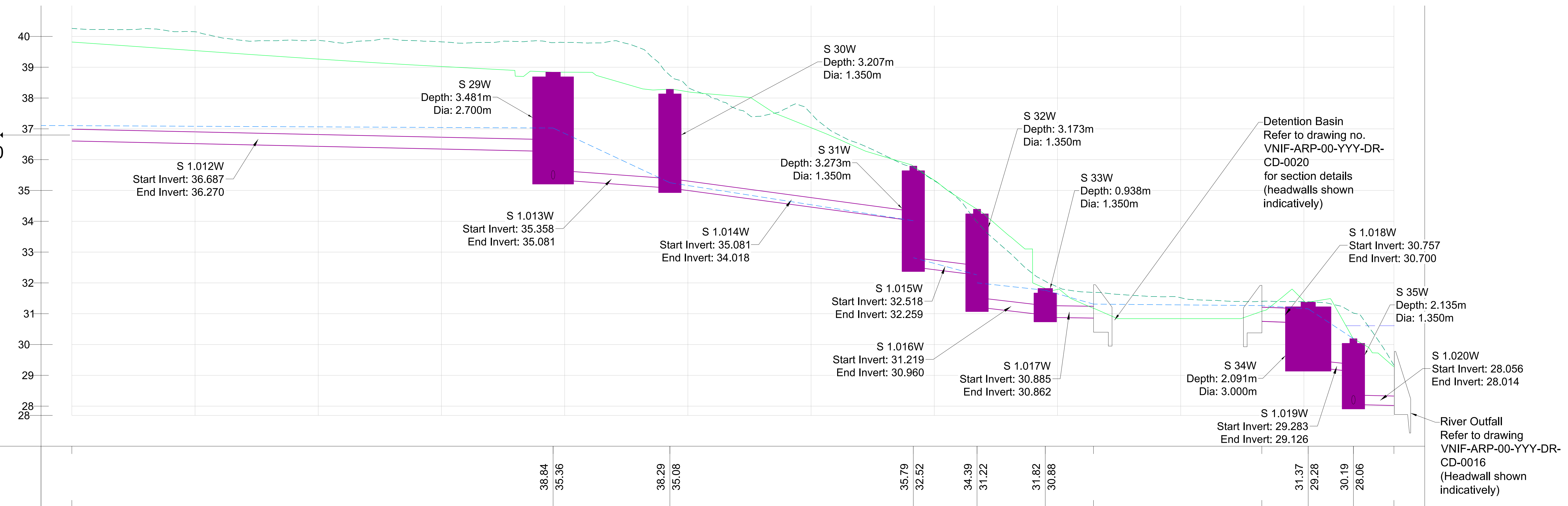
A1

M3C_PR_PLATEAUWEST_ADOPTED_001_2
SCALE: H 1:250,V 1:100. DATUM: 27.700

Section continued on drawing VNIF-ARP-00-YYY-DR-CD-0030



Cover and Invert
38.84 / 35.36
38.29 / 35.08
35.79 / 32.52
34.39 / 31.22
31.82 / 30.88
31.37 / 29.28
30.19 / 28.06

Pipe Length	2D = 47.884 3D = 47.886	2D = 9.479 3D = 9.483	2D = 19.757 3D = 19.785	2D = 5.172 3D = 5.179	2D = 5.538 3D = 5.544	2D = 3.913 3D = 3.913	2D = 3.766 3D = 3.767	2D = 3.671 3D = 3.675	2D = 4.333 3D = 4.333
Pipe Dia.	375mm	300mm	300mm	300mm	300mm	375mm	450mm	225mm	300mm
Pipe Gradient	0.87%	2.92%	5.38%	5.01%	4.68%	0.59%	1.51%	4.28%	0.97%
Bedding and Surround	Class S	Class S	Class S	Class S	Class S	Class A	Class A	Class A	Class A

Chainage	Existing Ground Levels	Proposed Ground Levels
100.000	40.260	39.818
102.000	40.225	39.762
104.000	40.222	39.706
105.000	40.225	39.678
106.000	40.255	39.650
108.000	40.166	39.594
110.000	40.150	39.539
112.000	39.969	39.483
114.000	39.863	39.427
115.000	39.855	39.399
116.000	39.862	39.373
118.000	39.878	39.318
120.000	39.873	39.265
122.000	39.780	39.214
124.000	39.858	39.162
125.000	39.906	39.137
126.000	39.918	39.113
128.000	39.862	39.067
130.000	39.823	39.024
132.000	39.783	38.981
134.000	39.803	38.938
135.000	39.843	38.917
136.000	39.837	38.710
138.000	39.855	38.859
140.000	39.807	38.838
142.000	39.786	38.834
144.000	39.856	38.568
145.000	39.772	38.452
146.000	39.642	38.336
148.000	38.952	38.277
150.000	38.357	38.203
152.000	37.983	38.124
154.000	37.629	38.055
155.000	37.437	38.020
156.000	37.417	37.777
158.000	37.662	37.358
160.000	37.494	37.037
162.000	36.856	36.706
164.000	36.502	36.350
165.000	36.326	36.206
166.000	36.134	36.087
168.000	35.783	35.848
170.000	35.314	35.331
172.000	34.710	34.762
174.000	33.746	34.253
175.000	33.368	33.901
176.000	33.017	33.554
178.000	32.300	31.997
180.000	31.869	31.788
182.000	31.710	31.332
184.000	31.663	30.992
185.000	31.626	30.840
186.000	31.599	30.840
188.000	31.558	30.840
190.000	31.518	30.840
192.000	31.440	30.840
194.000	31.403	30.840
195.000	31.398	30.855
196.000	31.392	30.997
198.000	31.395	31.456
200.000	31.390	31.416
202.000	31.336	31.481
204.000	31.025	30.198
205.000	30.720	29.965
206.000	30.155	29.725
207.307	29.327	29.275

S 1.012W to S 1.020W

Scale: H 1:250, V 1:100

Notes

1. All dimensions are in metres unless stated otherwise.
2. All levels are in metres above Ordnance Datum unless stated otherwise.
3. Do not scale from this drawing.
4. Drainage construction materials:
   - Surface Water Drainage pipes - Polyethylene (for pipes 0ver 600mm dia), Polypropylene (for pipes over 300mm dia) and PVC (for pipes under 300mm dia) in accordance with BS13476 to have BSI kitemark status (certified to WIS 4-35-01)
   - Foul Drainage Pipes - Vitrified Clay in accordance with BS EN 295
   - Manholes - Precast Concrete
   - Inspection Chambers - Polypropylene in accordance with BS 7158

Key

—	Proposed Surface
- - -	Existing Surface
- - -	Proposed 30 year (with surcharged outfall) surface water level
- - -	30 year peak river level
—	Proposed SW Pipes Adopted
■	Proposed SW Structures Adopted

Rev	Date	Description	By	Chkd	Appd	Auth
P01	14/07/22	WS4 Issue to BAM	DH	DH	RG	---
P02	08/08/22	Issued for Technical Approval	ES	DH	RG	---
P03	09/09/22	Issued for S104 Application	ES	DH	RG	---
P04	10/10/22	Full WS4 Issue	ES	DH	RG	---
P05	20/10/22	Issued for Full WS4	ES	DH	RG	---

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Client
MANCHESTER CITY COUNCIL
bam nuttall

Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Long Section Surface Water Pipes
S 1.012W to S 1.020W

Scale at A1: AS SHOWN
Arup Job No: 282022-00
Role: Civil - Drainage
Suitability: S4 - Issued for Construction Approval

Rev	By	Chkd	Appd	
P05	ES	DH	RG	---
	Date 19/10/22	Date 20/10/22	Date 20/10/22	---

Name
VNIF - ARP - 00 - YYY - DR - CD - 0031
Project / Originator / Volume / Location / Type / Role / Number

Do not scale

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