

Piped Ditches - Outfall 5			
Reference	Length	U/S IL	D/S IL
C-05-A-4.000	5.40	39.29	39.23

Piped Ditches - Outfall 6			
Reference	Length	U/S IL	D/S IL
C-06-B-4.000	13.04	24.02	23.24
C-06-D-5.001	17.51	25.50	24.61
C-06-D-5.000	9.50	23.19	23.11
C-06-A-6.000	12.37	23.96	23.32
C-06-D-7.000	14.50	22.63	22.21
C-06-A-8.000	7.07	30.86	30.14
C-06-D-9.000	77.00	22.12	21.37
C-06-A-9.000	7.87	23.45	21.87
C-06-A-10.000	6.19	24.94	24.88
C-06-A-12.000	9.82	22.53	22.43
C-06-A-13.000	9.50	22.41	22.32

Catchment 2 (ML2) Manhole Schedule		
MH Reference	Cover Level (m)	Invert Level (m)
ML2-44		MODELLING NODE
ML2-45		MODELLING NODE
ML2-46		MODELLING NODE
ML2-47		MODELLING NODE
ML2-48		MODELLING NODE
ML2-51	33.34	31.92
ML2-52	33.00	31.15
ML2-53	32.25	30.45
ML2-54	30.88	29.46
ML2-55	29.04	27.61
ML2-58	32.49	31.06
ML2-59	31.81	30.22
ML2-60	33.07	31.65
ML2-61	32.80	30.83
ML2-62	32.02	30.04
ML2-63	31.13	29.49
ML2-64	30.82	29.32
ML2-65	29.15	27.65

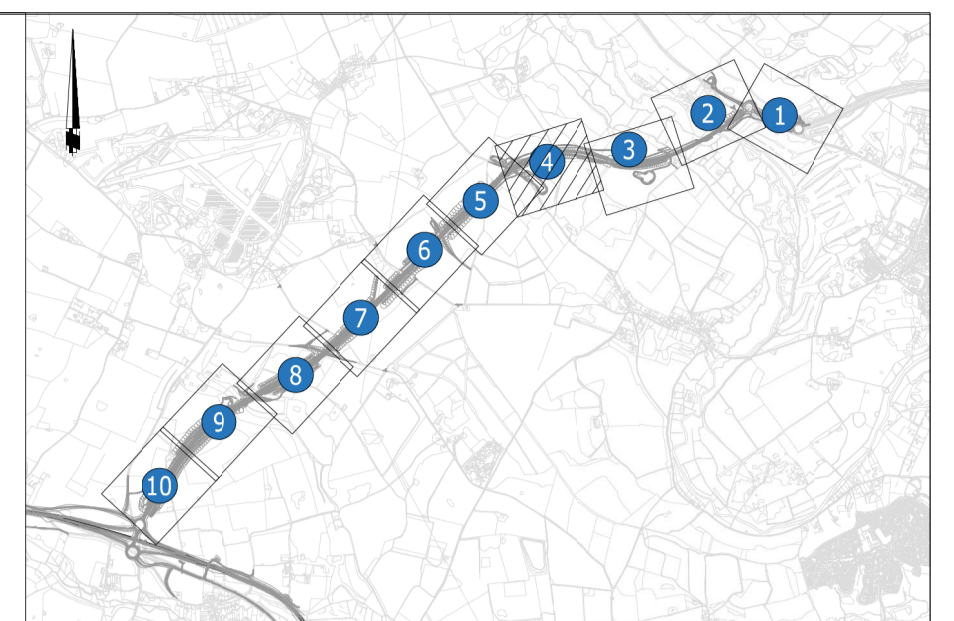
Catchment 2 (ML2) Manhole Schedule (contd.)		
MH Reference	Cover Level (m)	Invert Level (m)
ML2-74		MODELLING NODE
ML2-75		MODELLING NODE
ML2-76		MODELLING NODE
ML2-77		MODELLING NODE
ML2-78		MODELLING NODE
ML2-79		MODELLING NODE
ML2-81	34.44	33.24
ML2-82	27.02	25.39
ML2-83	35.83	34.30
ML2-84	34.00	32.80
ML2-85	32.02	30.44
ML2-86	31.28	29.70
ML2-87	29.96	28.38
ML2-88	28.95	27.37
ML2-89	27.56	25.99

Catchment 4 (ML4) Manhole Schedule		
MH Reference	Cover Level (m)	Invert Level (m)
ML4-69	32.14	30.67
ML4-70	31.75	30.29
ML4-71	31.54	30.02
ML4-74		MODELLING NODE
ML4-77		MODELLING NODE
ML4-84		MODELLING NODE
ML4-87	24.30	22.13
ML4-88		MODELLING NODE
ML4-90	32.19	30.68
ML4-91		MODELLING NODE
ML4-92		MODELLING NODE
ML4-93	32.62	31.12
ML4-94	32.24	30.57
ML4-95	31.80	28.50
ML4-96	23.82	22.00
ML4-97	23.12	21.60
ML4-FB		MODELLING NODE
ML4-IB		MODELLING NODE

Ring Land (RL) Manhole Schedule		
RL Reference	Cover Level (m)	Invert Level (m)
RL-01	24.50	23.08
RL-02	24.26	22.79

Key:

- Viaduct Carrier Drain
- Grassed Swale (Lined)
- Viaduct Abutment Drainage
- Existing Drainage To Be Retained
- Proposed Pre Earthworks Ditch (PED)
- Highways Ditch
- Existing Ditch
- Proposed Culvert/Piped Ditch
- Badger Culvert
- Inlet/Outlet Headwall (Type 2 Unless Otherwise Stated)
- Check Dam in Ditch
- Flood Compensation Area
- Zone 3A
- Surface Water Flooding (1 in 100 Year)
- Vegetated MSE Bagwork
- PCV
- C-0X-Y-Z.000
- D-0X-Y-Z.000



- Notes:**
- Do not scale from this drawing.
 - All dimensions are in metres unless otherwise stated.
 - This drawing is to be read with all other relevant drawings and reports.
 - All works to be in accordance with the Specification for Highway Works.
 - These drawings supplement 4.04.00 PK1002-RAM-HDG-MLE-SG-DZ-0001 Drainage Strategy Report.
 - For planting and amenity arrangements, refer to 2.07.00 Landscaping Design Plans PK1002-RAM-ELS-MLE-DR-NZ-0001 To 0011.
 - For drainage details, refer to 2.08.04 Drainage Typical Details PK1002-RAM-HDG-MLE-DE-DZ-0001 to 0006.
 - Please refer to 3.03.00 Environmental Statement Chapter 3: Description of Scheme for the Rochdale Envelope flexibility included within the design for the purposes of Environmental Impact Assessment.
 - This drawing is for planning application purposes only, it is not a construction issue drawing.

Key:

- Red Line Boundary
- Proposed Drainage Basin
- Existing Watercourse
- Retaining Wall
- Surface Water Manhole (HCD F3-F6)
- Catchpit (HCD F11)
- Proposed Gully (HCD F13)
- Inline Outlet to Triangular Surface Water Channel (HCD F22) (1/2/3 Chambers Depending on Requirements)
- Inline Outlet to Trapezoidal Surface Water Channel (HCD F23) (2/3 Chambers Depending on Requirements)
- Catchpit (HCD F12)
- Flow Control Chamber
- Proposed Combined Kerb Drainage Outlet/Access Point
- Existing Manhole To Be Retained
- Surface Water Carrier Drain
- Proposed Combined Filter/Carrier Drain (HCD F2 Type H)
- Combined Kerb Drainage (HCD B16 Type 25A Class E600)
- Proposed 100mm dia narrow filter drain (HCD F18)
- Proposed Gully Lead
- Concrete Surface Water Channel (HCD B14, type A)
- Grip Overflow

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A1 - Authorised for Planning				
C01	AJ	KJ	SS	08/02/24
REVISION	DRAWN	CHECKED	APPROVED	DATE

Norfolk County Council
 Grahame Bygrave
 Interim Executive Director of
 Community and Environmental Services
 Norfolk County Council
 County Hall, Martineau Lane
 Norwich NR1 2SG

PROJECT

DRAWING TITLE
 NORWICH WESTERN LINK
 DRAINAGE LAYOUT
 SHEET 4 OF 10

DRAWING STATUS
 A1 - AUTHORISED FOR PLANNING

DRAWN	CHECKED	APPROVED	AUTHORISED
AJ	KJ	SS	FQC

SCALE @ A1 SIZE	DATE	REVISION
1:1000	08/02/24	C01

DRAWING NUMBER
 PK1002-RAM-HDG-MLE-DR-DZ-0506

