MANHOLE SCHEDULE
* INDICATES IL TO BE CONFIRMED ON SITE

MH NAME	EASTING NORTHING	COVER LEVEL & CLASS	PIPE NAMES	PIPE INVERT LEVEL	PIPE SOFFIT LEVEL	PIPE DIA. & MATERIAL	PIPE SLOPE	PIPE LENGTH	DS/MH NAME	TYPE
HW5	E 417852.565 N 427692.644	98.990m D400	PIPE173 (1) 1.004	97.878m 97.728m	98.028m 98.028m	Ø150 VC Ø300 CONC	1:3 1:98	2.179m 53.217m	 HW11	1,500 DIA PCC 600X600 ACCESS
HW6	E 417710.483 N 427808.277	101.394m D400	PIPE161 PIPE162 PIPE163 PIPE164 2.000	100.098m 100.098m 100.098m 100.098m 100.098m	100.248m 100.248m 100.248m 100.248m 100.248m	Ø150 VC Ø150 VC Ø150 VC Ø150 VC Ø150 VC	1:20 1:21 1:4 1:6 1:21	30.717m 31.063m 2.868m 4.371m 22.758m	 HW7	1,500 DIA PCC 600X600 ACCESS
HW7	E 417733.147 N 427806.206	100.238m D400	2.000 PIPE165 PIPE166 2.001	99.000m 99.000m 99.000m 99.000m	99.150m 99.150m 99.150m 99.150m	Ø150 VC Ø150 VC Ø150 VC Ø150 VC	1:21 1:10 1:5 1:40	22.758m 13.898m 7.207m 46.288m	 HW8	1,500 DIA PCC 600X600 ACCESS
HW8	E 417770.243 N 427778.520	99.454m D400	2.001 PIPE169 (1) PIPE170 (1) 2.002	97.853m 97.853m 97.853m 97.103m	98.003m 98.003m 98.003m 98.003m	Ø150 VC Ø150 VC Ø150 VC Ø900 CONC	1:40 1:1 1:2 1:153	46.288m 2.585m 2.415m 42.841m	 HW9	2,100 DIA PCC 600X600 ACCESS
HW9	E 417804.577 N 427752.896	99.206m D400	2.002 PIPE167 (1) PIPE168 (1) LAND DRAINAGE CONNECTION 2.003	96.823m 97.573m 97.573m 97.573m 96.823m	97.723m 97.723m 97.723m 97.723m 97.723m	Ø900 CONC Ø150 VC Ø150 VC Ø150 VC Ø900 CONC	1:153 1:2 1:2 1:69 1:105	42.841m 2.484m 2.464m 8.237m 25.013m	 HW11	2,100 DIA PCC 600X600 ACCESS
HW11	E 417824.623 N 427737.936	99.212m D400	1.004 2.003 PIPE171 (1) PIPE172 (1) 1.006	97.185m 96.585m 97.335m 97.335m 96.585m	97.485m 97.485m 97.485m 97.485m 97.485m	Ø300 CONC Ø900 CONC Ø150 VC Ø150 VC Ø900 CONC	1:98 1:105 1:2 1:2 1:20	53.217m 25.013m 2.651m 2.872m 17.917m	 HW12	2,100 DIA PCC 600X600 ACCESS WEIR WALL TO 98.200MAOD 95MM ORIFICE PLATE FLOW CONTROL
HW12	E 417835.296 N 427752.328	97.601m D400	1.006 1.007	95.680m 95.680m	96.580m 96.580m	Ø900 CONC Ø900 CONC	1:20 1:58	17.917m 61.609m	 HW13	2,100 DIA PCC 600X600 ACCESS
HW13	E 417889.110 N 427722.332	96.570m D400	1.007 3.000 1.008	94.615m 94.615m 94.615m	95.515m 95.065m 95.065m	Ø900 CONC Ø450 CONC Ø450 CONC	1:58 1:21 1:160	61.609m 29.739m 6.413m	 HW14	3,000 DIA PCC 600X600 ACCESS HYDROBRAKE OPTIMUM 11.5 L/S
HW14	E 417894.412 N 427718.724	95.689m D400	1.008 1.009	94.575m 94.575m	95.025m 94.800m	Ø450 CONC Ø225 CONC	1:160 1:187	6.413m 2.804m	 	1,350 DIA PCC 600X600 ACCESS

MANHOLE SCHEDULE
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MH NAME	EASTING NORTHING	COVER LEVEL & CLASS	PIPE NAMES	PIPE INVERT LEVEL	PIPE SOFFIT LEVEL	PIPE DIA. & MATERIAL	PIPE SLOPE	PIPE LENGTH	DS/MH NAME	TYPE
CUL1	E 417947.882 N 427248.388	96.195m D400	1.000 1.001	93.762m 93.762m	94.212m 94.212m	Ø450 CONC Ø450 CONC	1:10 1:26	7.217m 27.899m	 CUL2	1,500 DIA PCC 600X600 ACCESS
CUL2	E 417967.326 N 427228.381	95.076m D400	1.001 1.002	92.693m 92.693m	93.143m 93.143m	Ø450 CONC Ø450 CONC	1:26 1:62	27.899m 18.030m	 CUL3	1,500 DIA PCC 600X600 ACCESS
CUL3	E 417982.427 N 427218.531	94.477m D400	1.002 1.003	92.402m 92.402m	92.852m 92.852m	Ø450 CONC Ø450 CONC	1:62 1:62	18.030m 15.260m	 CUL4	1,500 DIA PCC 600X600 ACCESS
CUL4	E 417997.661 N 427219.424	93.954m D400	1.003 1.004	92.156m 92.156m	92.606m 92.606m	Ø450 CONC Ø450 CONC	1:62 1:62	15.260m 6.596m	 EXISTINGMH	1,500 DIA PCC 600X600 ACCESS

Groundwater Relief Drainage MANHOLE SCHEDULE
* INDICATES IL TO BE CONFIRMED ON SITE

MH NAME	EASTING NORTHING	COVER LEVEL & CLASS	PIPE NAMES	PIPE INVERT LEVEL	PIPE SOFFIT LEVEL	PIPE DIA. & MATERIAL	PIPE SLOPE	PIPE LENGTH	DS/MH NAME	TYPE
GWH 1	E 417751.974 N 427785.922	100.748m D400	PIPE196 GWP1.000	97.286m 97.286m	97.511m 97.511m	Ø225 PVC Ø225 PVC	1:200 1:500	13.678m 9.071m	 GWH 2	1,200 DIA TYPE 2 600X600 ACCESS
GWH 2	E 417760.266 N 427789.600	98.901m D400	GWP1.000 GWP1.001	97.268m 97.268m	97.493m 97.493m	Ø225 PVC Ø225 PVC	1:500 1:500	9.071m 86.485m	 GWH 3	1,200 DIA TYPE 2 600X600 ACCESS
GWH 3	E 417836.574 N 427748.895	97.927m D400	GWP1.001 GWP1.002	97.095m 97.095m	97.320m 97.320m	Ø225 PVC Ø225 PVC	1:500 1:35	86.485m 14.976m	 	1,200 DIA TYPE 2 600X600 ACCESS

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE FROM THIS DRAWING. ANY OMISSIONS OR ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. ALL LIGHTING COLUMNS, UTILITIES & COMMUNICATION LINES TO BE RELOCATED TO BACK OF PROPOSED FOOTWAY.
5. CARRIAGEWAY AND FOOTWAY WORKS SUBJECT TO TECHNICAL APPROVAL BY CBMDC HIGHWAYS AND APPROPRIATE LEGAL AGREEMENTS.

Rev:	Description:	Date:	By:	Chkd:
P09	PROPOSED GROUND RELIEF DRAINAGE ADDED	19/07/22	JC	ACS
P08	AMENDED TO KIRKLEES COMMENTS	07/03/22	JC	JC
P07	HIGHWAY ALIGNMENT AMENDED	15/11/21	JDB	ACS
P06	REVISED TO KIRKLEES COMMENTS	21/09/21	JDB	AS
P05	REVISED TO KIRKLEES COMMENTS	20/08/21	OT	OT
P04	REVISED TO KIRKLEES COMMENTS	29/04/21	OT	OT
P03	REVISED TO NEW ALIGNMENT, EXTENTS, AND YW ADOPTION EXTENTS	21/10/20	OT	NT
P02	REVISED TO NEW ROAD ALIGNMENT	17/04/20	OT	OT
P01	FIRST ISSUE	17/01/20	OT	OT

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Status: ISSUED FOR INFORMATION S2

Project: INTERCHANGE 26, NORTH BIERLEY

Drg Title: S38 MANHOLE SCHEDULES

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	17/01/20	OT	OT	OT
Scale: NTS				

Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:
065646	CUR	ZZ	ZZ	DR	C	95601	P09

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