Surface Water Manhole Schedule - MSCP														
MH REF	**CL (mAOD)**	**IL (mAOD)**	**DEPTH TO SOFFIT (m)**	**DS PIPE DIA (mm)**	**MH DIA (mm)**	**MH TYPE**	**CATCHPIT**	**COVER SIZE (mm)**	**COVER CLASS**	**COVER TYPE**	**RECESSED**	**RESTRICTED ACCESS**	**BACK DROP**	**COMMENTS**
S01	72.30	71.25	0.90	150	450	PPIC		450X450	D400	SINGLE SEALED	N	N		N/A
S02	72.18	71.06	0.90	225	600	PPIC		600X600	D400	SINGLE SEALED	N	N		N/A
S03	72.18	70.98	0.97	225	600	PPIC		600X600	D400	SINGLE SEALED	N	N		N/A
S04	72.25	70.89	1.14	225	600	PPIC		600X600	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S05	72.22	70.72	1.20	300	600	PPIC		600X600	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S06	72.08	70.57	1.22	300	600	PPIC	Y	600X600	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S07	72.22	69.00	2.92	300	1200	TYPE 2		600X600	D400	DOUBLE SEALED	N	N		N/A
S08	72.13	68.97	2.86	300	1200	TYPE 3		600X600	D400	DOUBLE SEALED	N	N		N/A
S09	72.20	71.25	0.73	225	600	PPIC		600X600	D400	DOUBLE SEALED	N	N		N/A
S10	72.20	70.84	1.14	225	600	PPIC	Y	600X600	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S11	72.20	70.43	1.55	225	600	PPIC	Y	600X600	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S12	72.27	68.90	3.07	300	1200	TYPE 1A	Y	600X600	D400	DOUBLE SEALED	N	N		N/A
S13	72.14	70.70	1.29	150	450	PPIC		450X450	D400	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S14	71.89	70.65	1.09	150	450	PPIC		450X450	D400	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S15	71.74	70.65	0.94	150	450	PPIC		450X450	D400	SINGLE SEALED	N	N		N/A
S16	71.91	68.87	2.89	150	1200	HYDROBRAKE CHAMBER		1200X675	D400	SINGLE SEALED	N	N		SEE HYDROBRAKE DETAILS FOR MINIMUM SUMP DEPTH
Surface Water Manhole Schedule - Northern Section														
S100	RODDING EYE													
S101	72.26	71.03	1.13	100	450	PPIC		450X450	B125	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S102	72.42	70.71	1.56	150	450	PPIC		450X450	B125	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S103	72.25	70.39	1.71	150	450	PPIC		450X450	B125	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S104	RODDING EYE													
S105	72.59	71.3	1.15	150	450	PPIC	Y	450X450	B125	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
S106	72.04	71.0	0.94	150	450	PPIC		450X450	B125	SINGLE SEALED	N	N		N/A
S107	71.56	70.2	1.26	150	450	PPIC	Y	450X450	B125	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
Surface Water Manhole Schedule - Southern Lamd Drainage														
S200	72.3	71.57	0.63	100	450	PPIC		450X450	B125	SINGLE SEALED	N	N		N/A
S201	72.27	71.37	0.80	100	450	PPIC		450X450	B125	SINGLE SEALED	N	N		N/A
S202	72.28	71.33	0.85	100	450	PPIC		450X450	B126	SINGLE SEALED	N	N		N/A
S203	72.28	70.62	1.56	100	450	PPIC	Y	450X450	B125	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
Foul Water Manhole Schedule														
F01	72.12	71.12	0.90	100	450	PPIC		450X450	B125	DOUBLE SEALED	Y	N		N/A
F02	72.03	70.97	0.96	100	450	PPIC		450X450	B125	DOUBLE SEALED	Y	N		N/A
F03	72.01	70.91	1.00	100	450	PPIC		450X450	B125	DOUBLE SEALED	Y	N		N/A
F04	72.27	70.61	1.56	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
F05	72.01	70.84	1.07	100	450	PPIC		450X450	B125	DOUBLE SEALED	Y	N		N/A
F06	72.28	70.49	1.69	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
F07	72.28	70.30	1.88	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
F08	72.28	69.88	2.30	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
F09	72.19	71.41	0.68	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	N		N/A
F10	71.89	70.70	1.09	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	N		N/A
F11	71.92	70.45	1.37	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
F12A	72.1	71.10	0.90	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	N		N/A
F12B	72.09	71.09	0.90	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	N		N/A
F12	72.3	69.85	2.35	100	450	PPIC		450X450	D400	DOUBLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX
F13	71.85	69.58	2.17	100	450	PPIC		450X450	D400	SINGLE SEALED	N	Y		RESTRICTED ACCESS 350mm DIA MAX

NOTES
1. CATCHPIT SUMPS TO BE MINIMUM 300mm
2. IT S ASSUMED THAT RECESSED COVERS ARE NOT REQUIRED IN PARKING AREAS - ARCHITECT TO CONFIRM IF REQUIRED
3. MANHOLE CO-ORDINATES TO BE PROVIDED AT STAGE 5

A1

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH CURTINS DRAINAGE SPECIFICATION, "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION", BS EN 752 2017 'DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS' AND THE BUILDING REGULATIONS APPROVED 'DOCUMENT H'.
3. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
5. THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION MAY NEED TO BE INCREASED TO ACCOMMODATE THE CONNECTIONS AND BENDS.
6. COVER LEVELS, GULLY POSITIONS, AND BUILDING LOCATION ARE APPROXIMATE AND SHALL BE CONFIRMED BY ARCHITECT/LANDSCAPE ARCHITECT. CONTRACTOR TO ALLOW FOR ADJUSTMENT TO SUIT AGREED POSITIONS AND FINISHED LEVELS, AND CONFIRM ALL COVER LEVELS ON SITE.
7. ALL MANHOLE COVERS IN BLOCK/SLAB AND EXTERNAL PAVING AREAS MAY REQUIRE RECESSED COVERS OF THE APPROPRIATE GRADE TO ACCEPT THE LANDSCAPE ARCHITECT'S PAVING PROPOSAL.
8. THE LANDSCAPE ARCHITECT MAY REQUIRE THE ORIENTATION OF CHAMBER COVERS TO BE CO-ORDINATED WITH THE PAVING PATTERN. THIS WILL BE SUBJECT TO REVIEW WITH THE MANHOLE INTERNAL BENCHING ARRANGEMENT, LANDING AND STEP LOCATION AND IF REQUIRED, SHOULD BE ADVISED TO US AS SOON AS POSSIBLE.
9. ALL INTERNAL COVERS TO HAVE MECHANICALLY JOINTED CORNERS AND DOUBLE SEALED WITH RECESSED TRAY TO ALLOW FOR FINISHES.
10. ALL MANHOLE, GULLY AND CHANNEL (ACCESS/OUTLET) COVERS (IRONWORK) SHOULD BE THE FOLLOWING SPECIFICATION:
 - B125 LOAD CLASS IN PEDESTRIAN AREAS& CAR PARK
 - D400 LOAD CLASS IN VEHICULAR AREAS.

 ANY AMBIGUITIES ON DRAWINGS/ACCESS AND MAINTENANCE STRATEGY SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
11. ALL SURFACE CHANNEL ACCESS BOXES/OUTLET BOXES IN BLOCK/SLAB AND EXTERNAL PAVING AREAS MAY REQUIRE RECESSED COVERS OF THE APPROPRIATE GRADE TO ACCEPT THE LANDSCAPE ARCHITECT'S PAVING PROPOSAL.
12. ALL SURFACE CHANNELS TO BE OF THE TREADSAFE TYPE, UNLESS OTHERWISE SPECIFIED.
13. ALL PROPRIETARY PRODUCTS TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS, INSTRUCTIONS AND RECOMMENDATIONS.

REV.	DESCRIPTION	DATE	DRW.	CHK.
P03	STAGE 4 ISSUE	17.12.21	ATL	CG
P02	UPDATED PIPE DIA, COVER AND INVERT LEVELS	10.08.21	TH	MW
P01	DRAFT STAGE 4 ISSUE	21.07.21	MW	MW

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PROJECT: NMGH MSCP

TITLE: MANHOLE SCHEDULE

STATUS	PURPOSE OF ISSUE
S2	FOR INFORMATION

DRAWN BY	CHECKED BY	DATE
MW	DS	22/07/2021

SCALE (@A1)	PROJECT NUMBER
NTS	075805

FILE DRAWING NUMBER	REV.
20200-CUR-MSCP-ZZ-SH-C-9255	P03