Manhole Reference	Cover Level (m)	Invert Level (m)	Manhole Type	Manhole depth (m)	Internal Manhole Size	Cover Clear Opening and Cover Grade	Comments
F1	50.300	49.650	IC	0.650	750x600 Rectangular Precast Concrete Blocks	600x450 Opening BS EN 124 CLASS B125	Internal manhole - double sealed and bolted
					T TOO WOT O'CHO! O'CHO	Recessed Cover	
F2	50.300	49.303	IC	0.997	600x450 Rectangular	600x450 Opening	Internal manhole - double sealed and bolted
	-			0.00.	Precast Concrete Blocks	BS EN 124 CLASS B125	
						Recessed Cover	
F3	50.339	49.045	IC	1.294	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
						Recessed Cover	
F4	50.075	48.900	IC	1.175	600x450 Rectangular	600x450 Opening	Internal manhole - double sealed and bolted
					Precast Concrete Blocks	BS EN 124 CLASS B125	
						Recessed Cover	
F5	50.075	48.776	IC	1.299	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
						Recessed Cover	
F6a	50.930	49.730	IC	1.200	1000x675 Rectangular	600x450 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125	
						Recessed Cover	
F6	50.961	48.535	TYPE B	2.426	1200 Diameter Precast	600x600 eccentric	
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
F7	50.965	49.800	IC	1.165	1200x750 Rectangular	600x600 eccentric	
					Precast Concrete Blocks	BS EN 124 CLASS B125	
						Recessed Cover	
F8	50.963	49.491	IC	1.472	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
						Recessed Cover	
F9	50.974	49.362	TYPE B	1.612	1200 Diameter Precast	600x600 eccentric	
					Concrete Rings	BS EN 124 CLASS B125	Steps Required
						Recessed Cover	
F10	50.980	49.600	IC	1.380	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS D400	Steps Required
F11	50.980	49.035	TYPE B	1.945	1200 Diameter Precast	600x600 eccentric	
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
						Recessed Cover	
F12	50.961	48.191	TYPE B	2.770	1200 Diameter Precast	600x600 eccentric	
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
F13	50.795	47.862	TYPE B	2.933	1200 Diameter Precast	600x600 eccentric	
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
	10010	47.000	7/05 0	2010	1000 Bi	000.000	
F20	49.610	47.000	TYPE B	2.610	1200 Diameter Precast	600x600 eccentric	Chang Bassinad
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
F04	40 445	46 400	TVDE P	2 745	1200 Diameter Dr	600v600	<u> </u>
F21	49.115	46.400	TYPE B	2.715	1200 Diameter Precast	600x600 eccentric	Stone Beguired
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
F00	47.950	44.600	TYPE A	3.350	1200 Diameter Precast	600x600 eccentric	>
F22	47.950	44.000	ITPEA	3.350		PIPIRAL PIRA INTER RANTAN	Ladder required
					Concrete Rings	BS EN 124 CLASS B125	Ladder required
E22	49.280	44.300	TYPE A	4.980	1200 Diameter Precast	600x600 eccentric	Cover level TBC - To match existing levels
F23	49.280 TBC	44.300	HEA	4.900	Concrete Rings	BS EN 124 CLASS B125	_
		<b>~~~</b>	<b>~~</b>		Concrete Kings	D3 EN 124 CLA33 B125	Ladder required
C1	50.190	47.040	TYPE A	3.150	1200 Diameter Precast	600x600 eccentric	
<b>U</b> 1	50.130	47.040	. III L A	5,150	Concrete Rings	BS EN 124 CLASS D400	Ladder required
					Controlle Mings	DO LIN 124 CLASS D400	Laudel lequileu
C2	47.786	46.610	TYPE B	1.176	1200 Diameter Precast	600x600 eccentric	
J.	47.700	40.010		1.170	Concrete Rings	BS EN 124 CLASS D400	
	1				Solidiote Hilligo	DO LIN 124 OLAGO D400	
C20	47.250	44.000	TYPE A	3.250	1200 Diameter Precast	600x600 eccentric	
<b>U</b> LU	47.230	44.000	III. E A	5.250	Concrete Rings	BS EN 124 CLASS B125	Laddanana
					Concrete Rinos	BS EN TALLASS BITS	Ladder required

## FOUL & COMBINED WATER MANHOLE SCHEDULES

Manhole Reference	Cover Level (m)	Invert Level (m)	Manhole Type	Manhole depth (m)	Internal Manhole Size	Cover Clear Opening and Cover Grade	Comments
S1	50.085	48.885	IC	1.200	750x600 Rectangular	600x450 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS D400	
<b>S</b> 2	48.410	47.207	IC	1.203	1200x750 Rectangular	1200x675 Opening	
JZ	40.410	47.207	10	1.200	Precast Concrete Blocks	BS EN 124 CLASS D400	Steps Required
<b>S</b> 3	47.510	46.300	IC	1.210	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS D400	Steps Required
64	49.227	48.215	IC	1.012	1200x750 Rectangular	600x600 eccentric	
		12.2.1.			Precast Concrete Blocks	BS EN 124 CLASS D400	
						DE SI ISISE	
<b>S</b> 5	50.408	48.119	TYPE B	2.289	1200 Diameter Precast Concrete Rings	600x600 eccentric BS EN 124 CLASS D400	Stone Benning
					Concrete Milys	BS EN 124 CLASS D400	Steps Required
<b>S</b> 6	50.378	49.145	IC	1.233	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
57	50.378	49.071	IC	1.307	1200x750 Rectangular	Recessed Cover 1200x675 Opening	
S7	50.576	49.071	IC	1.307	Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
					Treduct Controlete Blooks	Recessed Cover	Oteps Required
S8a	50.290	48.800	IC	1.490	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
88	50.741	48.648	TYPE B	2.093	1200 Diameter Precast	Recessed Cover 600x600 eccentric	
7.5	50.741	70.040	IIILD	2.083	Concrete Rings	BS EN 124 CLASS B125	Steps Required
					_	Recessed Cover	
89	50.975	49.775	IC	1.200	1000x675 Rectangular	600x450 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS D400	
S10	50.910	48.016	TYPE B	2.894	1200 Diameter Precast	600x600 eccentric	
		121212			Concrete Rings	BS EN 124 CLASS D400	Steps Required
						New Street, and the second	
311	50.980	50.200	IC	0.780	600x450 Rectangular Precast Concrete Blocks	600x450 Opening	
					r recast Concrete Blocks	BS EN 124 CLASS D400	
312	50.910	47.930	TYPE B	2.980	1200 Diameter Precast	600x600 eccentric	
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
142	E0 000	40 COE	10	1 200	1200v 750 Postonoviler	1200v675 Opening	
S13	50.983	49.695	IC	1.288	1200x750 Rectangular Precast Concrete Blocks	1200x675 Opening BS EN 124 CLASS B125	Steps Required
						Recessed Cover	pro- 1 dame a
614	50.974	49.507	IC	1.467	1200x750 Rectangular	1200x675 Opening	
					Precast Concrete Blocks	BS EN 124 CLASS B125 Recessed Cover	Steps Required
S15	50.914	47.873	TYPE A	3.491	1200 Diameter Precast	600x600 eccentric	450mm Deep sump
. 10					Concrete Rings	BS EN 124 CLASS D400	Ladder required
						Recessed Cover	
316	50.988	50.000	IC	0.988	475mm Polypropylene	440mm diameter	
					Ring	Hepworth SPK8 Recessed Cover	
617	51.600	49.827	TYPE B	2.223	1200 Diameter Precast	600x600 eccentric	450mm Deep sump
and the second				5 100° 18° 55°	Concrete Rings	BS EN 124 CLASS B125	Steps Required
	PA 555	10.155	T/5= -		1000 D:	Recessed Cover	450 P
S18	50.286	48.100	TYPE B	2.636	1200 Diameter Precast Concrete Rings	600x600 eccentric BS EN 124 CLASS D400	450mm Deep sump Steps Required
	L				Solicite Kings	D3 LN 124 CLA33 D400	Oteps Inequired
325	49.610	47.500	TYPE B	2.110	1200 Diameter Precast	600x600 eccentric	(
					Concrete Rings	BS EN 124 CLASS D400	Steps Required
100	40.000	47.055	TVDE D	1 005	1200 Diameter Precast	600v600 acceptio	
S26	48.890	47.055	TYPE B	1.835	Concrete Rings	600x600 eccentric BS EN 124 CLASS D400	Steps Required
					Soliviote Killys	DO EN 124 OLAGO D400	Crops required
S27	47.950	46.680	IC	1.270	1200x750 Rectangular	1200x675 Opening	>
					Precast Concrete Blocks	BS EN 124 CLASS B125	Steps Required
328	49.230	46.373	TYPE B	2.857	1200 Diameter Precast	600x600 eccentric	>
,20	40.230	40.073	IIILD	2.007	Concrete Rings	BS EN 124 CLASS B125	Steps Required
							>
329	47.640	46.200	TYPE B	1.890	1200 Diameter Precast	600x600 eccentric	450mm Deep sump
					Concrete Rings	BS EN 124 CLASS B125	Steps Required
$\sim$	47.185	45.947	GRP	1.238	GRP PUMP	600x600 eccentric	Refer to New Haden Quote - P-171337 A0
SW PUMP			PUMP	200	2 2	BS EN 124 CLASS D400	The state of the s
SW PUMP							
SW PUMP	50.267	47.100	TYPE B	3.167	1200 Diameter Precast Concrete Rings	600x600 eccentric BS EN 124 CLASS D400	Ladder required

## SURFACE WATER MANHOLE SCHEDULE

## Notes:

MANHOLE SETTING

OUT CO-ORDINATES

525217.889

525213.084

525104.262

525117.953

525172.161

525183.758

525183.548

525214.666

525130.894

525106.699

525102.588

525116.708

525135.472

525136.246

525137.119

525150.957

525207.657

525181.633

525222.989

525107.808

525158.921

525168.403

525168.804

525204.965

525185.903

525218.716

525221.974

525219.416

525088.778

525108.733

525100.181

525114.610

525104.177

525107.947

525114.196

525142.751

525138.735

525137.966

525148.218

525136.263

525161.010

525108.560 184778.404

525186.798

525189.713

525089.588

C20

F10

F12

F13

F21

F22

F23

F3

FC1

S10

S12

S13

S15

S16

S25

S26

S27

S29

SW PUMP

Eastings Northings

184792.047

184761.395

184779.602

184848.987

184819.816

184817.815

184808.476

184798.945

184845.588

184823.034

184815.867

184796.458

184785.538

184832.780

184809.234

184814.143

184814.132

184830.169

184833.327

184834.297

184793.051

184840.618

184815.511

184820.531

184813.627

184814.248

184817.007

184810.368

184827.339

184812.212

184794.044

184821.465

184813.970

184795.077

184786.892

184789.280

184784.640

184820.593

184815.606

184839.535

184835.398

184823.552

184824.641

184821.645

- This Drawing is to be read in conjunction with all relevant Architect's Engineer's and specialists' drawings and specifications.
- Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check drawing has been printed to the intended scale this bar should be 50mm long @ A1 or 25mm long @ A3.
- Health & Safety:
   All specific drawing notes are to be read in conjunction with the project "Information Pack" and "Site Rules".
- 4. For general notes refer to Drawing No. 22885-600
- Location of manhole covers to be co-ordinated with the Architects & Landscape Architects.

8	11.04.16	DLa	KB	Issued for Construction
7	08.04.16	DLa	KB	Issued for Draft Construction
6	12.02.16	АН	KB	Issued for Construction
5	14.12.15	DLa	KB	Revisions Clouded
4	26.10.15	DLa	KB	Issued for Tender
3	18.09.15	DLa	KB	Issued for Tender
2	28.04.15	DLa	KB	Issued for Tender
1	21.04.15	DLa	KB	Issued for Tender
Ver	Date	Drawn	Eng	Amendment

## KINGSGATE SCHOOL LIDDELL ROAD

MANHOLE SCHEDULES & SETTING OUT CO-ORDINATES

Status

FOR CONSTRUCTION

Drawn DLa	Eng KB
Scales NTS at A1	NTS at A3
Drawing No	Ver
22885-620	8

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