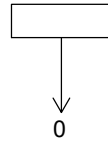
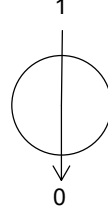
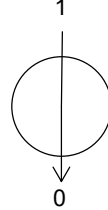
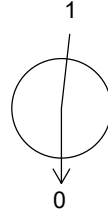
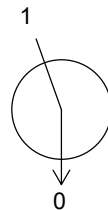
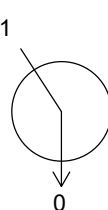
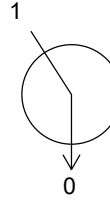
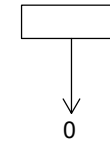
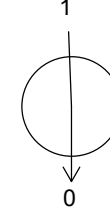
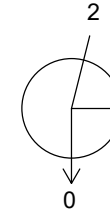
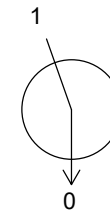
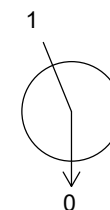
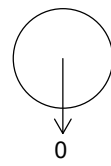
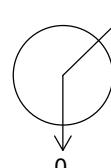
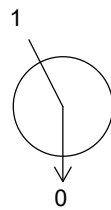
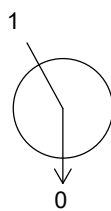
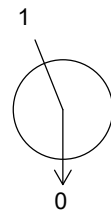
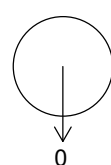
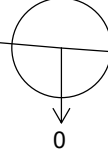
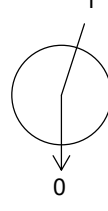
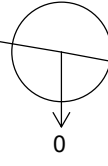
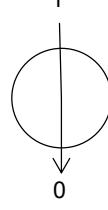
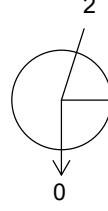
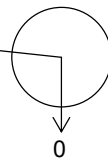


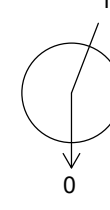
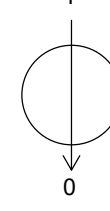
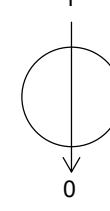
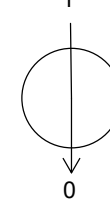
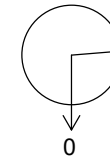
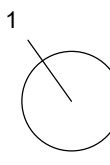
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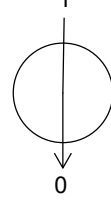
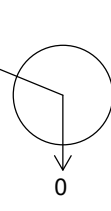
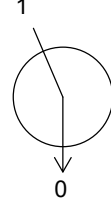
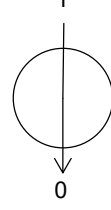
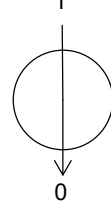
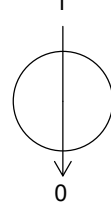
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S1 Porous Paving Diffuser	74.522							
E. 483403.313	1.582					N/A	N/A	N/A
N. 168524.119			0	5.000	72.790	150		
S2 Hydrobrake Manhole	74.487		1	5.000	72.790	150		
E. 483402.421	1.549					1200x750	B	D400
N. 168525.840			0	5.001	72.790	150		
S2A Hydrobrake Maintenance Manhole	74.470		1	-	72.760	150		
E. 483401.176	1.560					1200	B	D400
N. 168528.236			0	-	72.760	150		
S3	74.416		1	5.001	72.628	150		
E. 483395.688	1.638					1200	B	D400
N. 168538.797			0	5.002	72.553	225		
S4	74.166		1	5.002	72.350	225		
E. 483382.062	1.591					1200	B	D400
N. 168559.022			0	5.003	72.350	225		
S5	74.049		1	5.003	72.273	225		
E. 483379.796	1.551					1200	B	D400
N. 168567.891			0	5.004	72.273	225		

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S6	73.899		1	5.004	72.143	225		
E. 483384.136	1.531					1200	B	D400
N. 168580.787			0	5.005	72.068	300		
S7 Porous Paving Diffuser	74.342							
E. 483411.621	1.242					N/A	N/A	N/A
N. 168581.791			0	1.000	72.950	150		
S8 Hydrobrake Manhole	74.169		1	1.000	72.950	150		
E. 483409.482	1.069					1200	C	D400
N. 168586.010			0	1.001	72.950	150		
S9	73.806		1	5.005	71.865	300		
E. 483404.438	1.641		2	1.001	72.015	150		
N. 168596.990			0	1.002	71.790	375		
S10	73.247		1	1.002	71.665	375		
E. 483377.296	1.207					1350	C	D400
N. 168631.000			0	1.003	71.665	375		
S11	73.116		1	1.003	71.465	375		
E. 483374.239	1.276					1350	C	D400
N. 168639.920			0	1.004	71.465	375		

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S11a	72.773							
E. 483362.848	2.248					1200	B	D400
N. 168639.293			0	1.004	70.300	225		
S12	72.827		1	1.004	70.914	375		
E. 483375.674	1.538					1350	B	D400
N. 168664.487			0	1.005	70.839	450		
S13	72.377		1	1.005	70.753	450		
E. 483352.902	1.174					1350	C	D400
N. 168689.552			0	1.006	70.753	450		
S14	72.364		1	1.006	70.720	450		
E. 483349.348	1.194					1350	C	D400
N. 168702.442			0	1.007	70.720	450		
S15	72.562		1	1.007	70.680	450		
E. 483352.950	1.432					1350	C	D400
N. 168717.989			0	1.008	70.680	450		
S16	73.185							
E. 483374.587	1.610					1200	B	D400
N. 168748.710			0	2.000	71.425	150		

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S17	72.833		1	1.008	70.631	450		
E. 483364.179	1.752		2	2.000	70.931	150		
N. 168734.160			0	1.009	70.631	450		
S18	70.650		1	1.009	70.200	450		
E. 483347.227	0.000					N/A	HEADWALL	N/A
N. 168744.224			0	1.010	70.200	450		
S19	70.450		1	1.010	70.000	450		
E. 483334.201	0.300		2	3.002	70.000	150		
N. 168747.153			0	1.011	70.000	450		
S20	71.465		1	1.011	69.972	450		
E. 483333.779	1.043					1350	C	D400
N. 168735.665			0	1.012	69.972	450		
S21	71.759		1	4.001	69.918	375		
E. 483332.471	1.391		2	1.012	69.918	450		
N. 168713.912			0	1.013	69.918	450		
S22	71.741		1	1.013	69.895	450		
E. 483334.685	1.396					1350	B	D400
N. 168705.140			0	1.014	69.895	450		

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S23	71.574		1	1.014	69.872	450		
E. 483325.824	1.252					1350	C	D400
N. 168702.185			0	1.015	69.872	450		
S24 Inlet to Attenuation tank 1	71.280		1	1.015	69.860	450		
E. 483324.546	0.970					N/A	N/A	N/A
N. 168700.248			0	1.016	69.860	450		
S25 Outlet from Attenuation tank 1	70.950		1	1.016	69.795	450		
E. 483300.091	0.705					N/A	N/A	N/A
N. 168679.191			0	1.017	69.795	450		
S26 Hydrobrake Manhole	70.904		1	1.017	69.690	450		
E. 483296.744	1.064					1500	C	D400
N. 168676.281			0	1.018	69.690	150		
S27	70.679		1	1.018	69.512	150		
E. 483283.836	1.017					1200	C	B125
N. 168665.327			0	1.019	69.512	150		
OUTFALL 1	69.600		1	1.018	69.450	150		
E. 483287.198	0.000					N/A	HEADWALL	N/A
N. 168660.634								

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover
S28 Outlet from Attenuation tank 3	71.760		1	1.000	70.100	225		
E. 483334.395	1.437					N/A	N/A	N/A
N. 168613.571			0	1.001	70.100	225		
S28a	71.785		1	1.000	70.100	225		
E. 483333.479	1.460					1200	C	C250
N. 168612.746			0	1.001	70.100	225		
S29 Hydrobrake Manhole	71.500		1	1.001	70.040	225		
E. 483326.003	1.360					1200	C	C250
N. 168617.041			0	1.002	70.040	100		
S30	71.200		1	1.002	69.782	100		
E. 483308.563	1.318					1200	C	C250
N. 168636.005			0	1.003	69.782	100		
S31 Outlet from Attenuation tank 2	70.651		1	2.000	69.600	450		
E. 483295.691	0.601					N/A	N/A	N/A
N. 168659.566			0	2.001	69.600	450		
S32 Hydrobrake Manhole	70.619		1	2.001	69.570	450		
E. 483293.823	0.599					1200	C	D400
N. 168657.904			0	2.002	69.570	100		

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER.
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS SHOWN IN METRES UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ONSITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- ALL DRAINAGE TESTING REQUIRED IS TO BE CARRIED OUT AT THE CONTRACTORS EXPENSE.
- DRAINS IN AREAS OF MADE GROUND TO BE CONSTRUCTED BY FIRST MAKING UP THE AREA TO APPROXIMATELY FINISHED LEVEL AND THEN EXCAVATE THROUGH THE FILL MATERIAL INTO UNDISTURBED GROUND. THE DRAIN TRENCH IS THEN TO BE BACKFILLED TO FORMATION LEVEL USING SUITABLE GRANULAR FILL MATERIAL WELL COMPACTED IN LAYERS NOT EXCEEDING 225 THICK.
- ALL CHAMBERS/MANHOLES IMMEDIATELY UPSTREAM OF PERMEABLE PAVING TO INCORPORATE SILT TRAP.
- FOR PIPES WHERE MINIMUM COVER IN ACCORDANCE WITH BUILDING REGULATIONS PART H TABLES 8 TO 10 IS NOT MET CONCRETE SLAB / CONCRETE SURROUND PROTECTION MUST BE ADDED OR DUCTILE IRON PIPES USED INSTEAD.
- TREE PROTECTION PLAN MUST BE CONSULTED PRIOR TO DRAINAGE WORKS AND ANY POTENTIAL CLASHES REPORTED TO THE CLIENT / ENGINEER AND ARBORICULTURIST IMMEDIATELY.
- IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.
- CONTRACTOR TO LOCATE THE POSITION AND DEPTH OF ALL SERVICES BEFORE COMMENCING ANY WORKS.
- MH COVERS TO BE POSITIONED ¼ CARRIAGEWAY WIDTH OR OUT OF THE MAIN VEHICULAR WHEEL TRACKS AND OPPOSITE ROAD JUNCTIONS TO ENABLE FUTURE MAINTENANCE WITHOUT CLOSING THE ROAD.
- IN COMPLIANCE WITH CDM 2015 ODYSSEY HAS FOLLOWED ITS DESIGN RISK MANAGEMENT PROCESS FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY DESIGNS SHOWN ON THIS DRAWING. THERE ARE NO ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOCIATED WITH THE DESIGN. ANY OTHER RESIDUAL RISKS ARE THOSE THAT WOULD NORMALLY BE EXPECTED BY COMPETENT PERSONS OR CONTRACTORS ENGAGED ON WORK OF THIS NATURE OR TYPE.

FOR CONSTRUCTION -