

NOTES

- Do not scale this drawing.
 - All dimensions are in millimetres unless stated otherwise.
 - This drawing to be read in conjunction with all other relevant drawings and specifications.
 - All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
- STANDARD DRAINAGE NOTES:
- Except where specifically shown otherwise all below ground pipes / connections shall be 100mm dia PVC (to BS 4660) or VC (to BS 5481) with flexible joints and laid to minimum falls of 1 in 40, except where connected to WC when falls may be 1 in 80.
 - All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end)
 - For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.
 - Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.
 - Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.
 - Step-irons shall not be fitted in any chambers unless specified otherwise.
 - Manhole/Gully covers shall be regulated to suit finished levels and crossfalls
 - All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations
 - Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.
 - Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above
 - Unless stated otherwise, pipes to be 100mm Diameter.

MH Ref	Cover Level			Invert Level			Depth	MH Type	Internal Dia/Size	Cover Details		Eastings (m)	Northings (m)
IC-0101 S	3.300	M	AOD	2.580	M	AOD	0.720	PPIC	450	MM	450 x 450 B125	533164.511	324716.440
IC-0102 S	3.300	M	AOD	2.520	M	AOD	0.780	PPIC	450	MM	450 x 450 B125	533167.258	324708.972
IC-0103 S	3.300	M	AOD	2.480	M	AOD	0.820	PPIC	450	MM	450 x 450 B125	533164.209	324704.532
IC-0201 S	3.300	M	AOD	2.560	M	AOD	0.740	PPIC	450	MM	450 x 450 B125	533153.126	324711.613
IC-0202 S	3.300	M	AOD	2.420	M	AOD	0.880	PPIC	450	MM	450 x 450 B125	533154.537	324702.440
IC-0203 S	3.300	M	AOD	2.340	M	AOD	0.960	PPIC	450	MM	450 x 450 B125	533142.103	324700.129
IC-0301 S	3.300	M	AOD	2.450	M	AOD	0.850	PPIC	450	MM	450 x 450 B125	533136.479	324708.519
IC-0302 S	3.300	M	AOD	2.310	M	AOD	0.990	PPIC	450	MM	450 x 450 B125	533137.890	324699.346
IC-0303 S	3.300	M	AOD	2.240	M	AOD	1.060	PPIC	450	MM	450 x 450 B125	533125.512	324696.751
IC-0401 S	3.300	M	AOD	2.360	M	AOD	0.940	PPIC	450	MM	450 x 450 D400	533104.669	324691.025
IC-0402 S	3.300	M	AOD	2.290	M	AOD	1.010	PPIC	600	MM	600 x 600 B125	533095.032	324686.447
IC-0403 S	3.300	M	AOD	2.480	M	AOD	0.820	PPIC	450	MM	450 x 450 B125	533100.604	324675.277
IC-0501 S	3.300	M	AOD	2.530	M	AOD	0.770	PPIC	450	MM	450 x 450 D400	533114.289	324703.794
IC-0502 S	3.300	M	AOD	2.500	M	AOD	0.800	PPIC	450	MM	450 x 450 D400	533111.452	324700.441
IC-0503 S	3.300	M	AOD	2.400	M	AOD	0.900	PPIC	600	MM	600 x 600 B125	533097.360	324699.245
IC-0504 S	3.300	M	AOD	2.310	M	AOD	0.990	PPIC	450	MM	450 x 450 B125	533096.333	324711.700
IC-0601 S	3.300	M	AOD	2.430	M	AOD	0.870	PPIC	450	MM	450 x 450 B125	533109.083	324713.840
IC-0602 S	3.300	M	AOD	2.280	M	AOD	1.020	PPIC	600	MM	600 x 600 B125	533098.664	324714.508
IC-0603 S	3.300	M	AOD	2.400	M	AOD	0.900	PPIC	450	MM	450 x 450 B125	533105.282	324734.350
IC-0604 S	3.300	M	AOD	2.240	M	AOD	1.060	PPIC	450	MM	450 x 450 B125	533099.256	324724.234
IC-0701 S	3.300	M	AOD	2.600	M	AOD	0.700	PPIC	450	MM	450 x 450 D400	533130.618	324720.522
IC-0702 S	3.300	M	AOD	2.500	M	AOD	0.800	PPIC	450	MM	450 x 450 B125	533144.707	324723.179
IC-0703 S	3.300	M	AOD	2.290	M	AOD	1.010	PPIC	600	MM	600 x 600 B125	533142.263	324737.918
IC-0801 S	3.300	M	AOD	2.585	M	AOD	0.715	PPIC	450	MM	450 x 450 D400	533147.706	324723.699
IC-0802 S	3.300	M	AOD	2.505	M	AOD	0.795	PPIC	450	MM	450 x 450 B125	533161.414	324726.284
IC-0803 S	3.300	M	AOD	2.350	M	AOD	0.950	PPIC	600	MM	600 x 600 B125	533159.005	324740.865
IC-0901 S	3.300	M	AOD	2.525	M	AOD	0.775	PPIC	450	MM	450 x 450 B125	533169.103	324731.823
IC-0902 S	3.300	M	AOD	2.375	M	AOD	0.925	PPIC	600	MM	600 x 600 B125	533166.217	324742.165

Private Storm Water Manhole Schedule

MH Ref	Cover Level			Invert Level		Depth	MH Type	Internal Dia/Size	Cover Details		Eastings (m)	Northings (m)	
IC-0101 F	3.300	M	AOD	2.200	M	AOD	1.100	PPIC	450	MM	450 x 450 B125	533164.987	324703.904
IC-0102 F	3.300	M	AOD	2.000	M	AOD	1.300	PPIC	450	MM	450 x 450 B125	533143.719	324699.660
IC-0103 F	3.150	M	AOD	1.800	M	AOD	1.350	PPIC	450	MM	450 x 450 B125	533121.864	324695.764
IC-0104 F	3.190	M	AOD	1.840	M	AOD	1.350	PPIC	450	MM	450 x 450 D400	533111.191	324691.278
IC-0105 F	3.195	M	AOD	2.020	M	AOD	1.175	PPIC	450	MM	450 x 450 B125	533112.872	324713.529
IC-0106 F	3.300	M	AOD	1.800	M	AOD	1.500	PPIC	450	MM	450 x 450 B125	533114.842	324731.990
IC-0107 F	3.300	M	AOD	1.800	M	AOD	1.500	PPIC	450	MM	450 x 450 B125	533140.490	324735.008
IC-0108 F	3.300	M	AOD	1.800	M	AOD	1.500	PPIC	450	MM	450 x 450 B125	533157.837	324738.101
IC-0109 F	3.300	M	AOD	2.000	M	AOD	1.300	PPIC	450	MM	450 x 450 B125	533177.863	324745.580

Private Foul Water Manhole Schedule

MH Ref	Cover Level			Invert Level			Depth	MH Type	Internal Dia/Size	Cover Details	Eastings (m)	Northings (m)	
MH-1000 F	3.210	M	AOD	0.785	M	AOD	2.425	Type B	1200	MM	600 x 600 D400	533121.377	324731.684
MH-1001 F	3.080	M	AOD	1.250	M	AOD	1.830	Type B	1200	MM	600 x 600 D400	533118.044	324696.560

Adoptable Foul Water Manhole Schedule

MH Ref	Cover Level			Invert Level			Depth	MH Type	Internal Dia/Size	Cover Details	Eastings (m)	Northings (m)
MH-0101-S	2.950	M	AOD	1.750	M	AOD	1.200	Type C	1200 MM	600 x 600 D400	533185.840	324730.538
MH-0102-S	2.965	M	AOD	1.780	M	AOD	1.185	Type C	1800 MM	600 x 600 D400	533179.397	324728.088
MH-0103-S	3.130	M	AOD	1.870	M	AOD	1.260	Type C	1500 MM	600 x 600 D400	533167.699	324723.639
MH-0104-S	3.120	M	AOD	2.110	M	AOD	1.010	Type C	1500 MM	600 x 600 D400	533120.569	324711.459

Adoptable Storm Water Manhole Schedule

Soakaway	Size	Depth	Invert Level	Lateral Pipe Invert Level	Soakaway Cover Level	F.G.L
Soakaway 1	4.0m x 8.85m	0.750m	2.225m	2.225m	2.975m	3.200m
Soakaway 2	4.0m x 5.1m	0.750m	2.225m	2.225m	2.975m	3.200m
Soakaway 3	5.34m x 5.34m	0.900m	2.225m	2.225m	3.125m	3.250m
Soakaway 4	1.80m 4.0m	0.750m	2.225m	2.225m	3.125m	3.200m

Private Soakaway Schedule
(Water Table @ 1.225m AOD)
(Infiltration Rate: 0.0000016 m/s)

Pipe Ref	Pipe Diameter	Pipe Material	Pipe Gradient	Pipe Bedding Details
PN-001 S	150mm	PVC	1:132	Type S
PN-002 S	150mm	PVC	1:134	Type S
PN-003 S	150mm	PVC	1:164	Type S
PN-004 S	150mm	PVC	1:185	Type S
PN-005 S	150mm	PVC	1:158	Type S
PN-006 S	150mm	PVC	1:142	Type S
PN-007 S	150mm	PVC	1:185	Type S
PN-008 S	150mm	PVC	1:180	Type S
PN-009 S	150mm	PVC	1:85	Type S
PN-010 S	150mm	PVC	1:152	Type S
PN-011 S	225mm	PVC	1:131	Type S
PN-012 S	150mm	PVC	1:124	Type S
PN-013 S	150mm	PVC	1:146	Type Z
PN-014 S	150mm	PVC	1:141	Type Z
PN-015 S	150mm	PVC	1:138	Type S
PN-016 S	150mm	PVC	1:137	Type S
PN-017 S	225mm	PVC	1:179	Type S
PN-018 S	150mm	PVC	1:162	Type S
PN-018a S	225mm	PVC	1:257	Type S
PN-018b S	250mm	PVC	1:134	Type S
PN-019 S	150mm	PVC	1:143	Type Z
PN-020 S	150mm	PVC	1:124	Type S
PN-021 S	225mm	PVC	1:67	Type S
PN-022 S	150mm	PVC	1:174	Type Z
PN-023 S	150mm	PVC	1:164	Type S
PN-024 S	150mm	PVC	1:179	Type S
PN-025 S	225mm	PVC	1:1293	Type S
PN-026 S	225mm	PVC	1:283	Type S

Private Storm Water Pipe Schedule

Adoptable Foul Water Pipe Schedule

Private Foul Water Pipe Schedule

Pipe Ref	Pipe Diameter	Pipe Material	Pipe Gradient	Pipe Bedding Details
PN100	150mm	CONC	1:173	Type Z
PN101	600mm	CONC	1:139	Type Z
PN102	450mm	CONC	1:141	Type Z

Adoptable Storm Water Pipe Schedule

CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015
THE CONTRACTORS ATTENTION IS DRAWN TO THE ABNORMAL RISKS IDENTIFIED BELOW, ANNOTATED ON THE DRAWING AND EXPLAINED IN THE ASSOCIATED DESIGN RISK REGISTERS

LEGEND

YOU MUST NOT DO

HAZARD OR DANGER

YOU MUST DO

CAUTION

ABNORMAL RISKS IDENTIFIED:



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