SURFACE WATER MANHOLE SCHEDULE

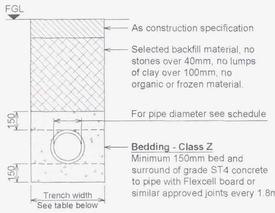
Manhole Ref.	Cover Level (m)	Invert Level (m)	Backdrop Invert Lvl (m)	Manhole Depth (m)	Manhole Type	Manhole Ø (mm)	Cover/Frame Grade	Remarks
MHS1.0	1.910	0.910	-	1.000	Wavin Range 600	720	D400	-
MHS1.1	1.965	0.664	-	1.301	Wavin Range 600	720	D400	-
MHS1.2	2.040	IN=0.587 OUT=0.587 SL=0.137	-	IN=1.453 OUT=1.453 SL=1.903	Type 2 Flow Control with Catchpit	1200	B125	Flow Control Chamber with 63mm dia orifice on outlet, chamber to have 450mm deep sump. PNS2.0 Inlet IL=1.190m
Headwall	-	OUTLET= 0.558	-	-	-	-	-	GRC Headwall unit from JKH Drainage Units
MHS2.0	2.040	1.340	-	0.700	Type 4	300	B125	-

SURFACE WATER PIPE SCHEDULE

Pipe Ref.	Pipe Length (m)	Pipe Ø (mm)	Pipe Material	Gradient (1 in ?)	Bedding	Remarks
PNS1.0	10.05	100	UPVC	20	Class S	-
PNS1.1	24.57	225	UPVC	100	Class Z	Concrete bed and surround to pipe under road
PNS1.2	7.57	225	UPVC	100	Class S & Z	Concrete bed and surround to pipe under road
PNS1.3	3.00	100	UPVC	100	Class S	-
PNS2.0	5.76	100	UPVC	40	Class S	-

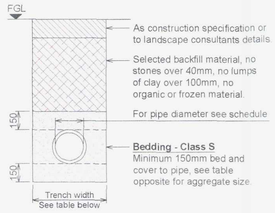
Pipe Bedding - Class Z

Areas subject to vehicle loadings.
Less than 1.2m cover to pipe.



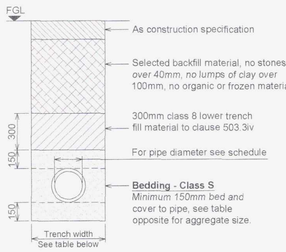
Pipe Bedding - Class S

Areas not subject to vehicle loadings.
Use in private gardens, landscaped areas etc.



Pipe Bedding - Class S

Areas subject to vehicle loadings.
Greater than 1.2m cover to pipe.



PIPE BEDDING MATERIAL - CLASS S

Pipe Ø (mm)	Suitable Materials: (Aggregate to BS 882)
100	10mm nominal single sized aggregate
150	10 to 14mm nominal single sized aggregate
225 to 525	10 to 14mm or 20mm nominal single sized aggregate
Over 525	10, 14 ,20 or 40mm nominal single sized crushed rock

TRENCH WIDTH

Pipe Ø (mm)	Trench Width (mm)
100	450
150	450
225	600
300	600
375	750
450	750
525	900
600	900
750	1200
900	1350
1050	1500

Pipe surround material shall where required, be placed and compacted over the full width of the trench in layers not exceeding 150mm before compaction, to a finished thickness of 300mm above the crown of the pipe.

Where excavations have been supported and the supports are removed they shall be withdrawn progressively as backfilling proceeds in a manner that minimises the danger of collapse, all voids formed behind the supports are to be carefully filled and compacted.

Pipe jointing surfaces and components shall be kept clean and free from extraneous matter until the joints have been made or assembled, care should be taken to ensure that there is no ingress of grout or other material into the joint after the joint has been made.

Pipes should be cut in accordance with the manufacturers recommendations to provide a clean square profile without splitting or fracturing the pipe wall and to ensure minimal damage to any protective coatings, where necessary, the cut ends of pipes shall be formed to the tapers and chamfers suitable for the type of joint to be used.



ADUR & WORTHING PLANNING SERVICE
PLAN NUMBER 0250/17
DATE VALID 24 MAY 2017

LEGEND: PROPOSED PRIVATE DRAINAGE

- Private surface water drainage
- MH ◯ □ MH — Private surface water manhole
- ⇔ RE — Surface water rodding eye
- RWP — Rainwater pipe
- TD — Threshold drain (details by others)

NOTES

- The Contractor should check all dimensions on site.
- It is the Contractors responsibility to ensure compliance with building regulations and current codes of practice.
- Drawings cannot take into account any drains or underground works not locatable by visual survey of the site.
- Commencement of any building works prior to full building regulation approval is entirely at the clients risk.

Rev	Description	Date
00	First issue to client	10/05/2017

PROJECT
Dogs Trust Shoreham Re-homing Centre,
Brighton Road, Shoreham-by-Sea,
BN43 5LT.

CLIENT
Abbott Construction

tridax
Design Office, Suite 3, Honeywood House, Whitfield, Dover, Kent, CT16 3EH
Tel: 01304 820777

DRAWING
Proposed Drainage Plan & Details

SCALES 1:100 / 1:25 | DATE 09/05/2017 | SIZE A1

STATUS PRELIMINARY

Dwg No EMC-2016-158-02 | REV 00

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