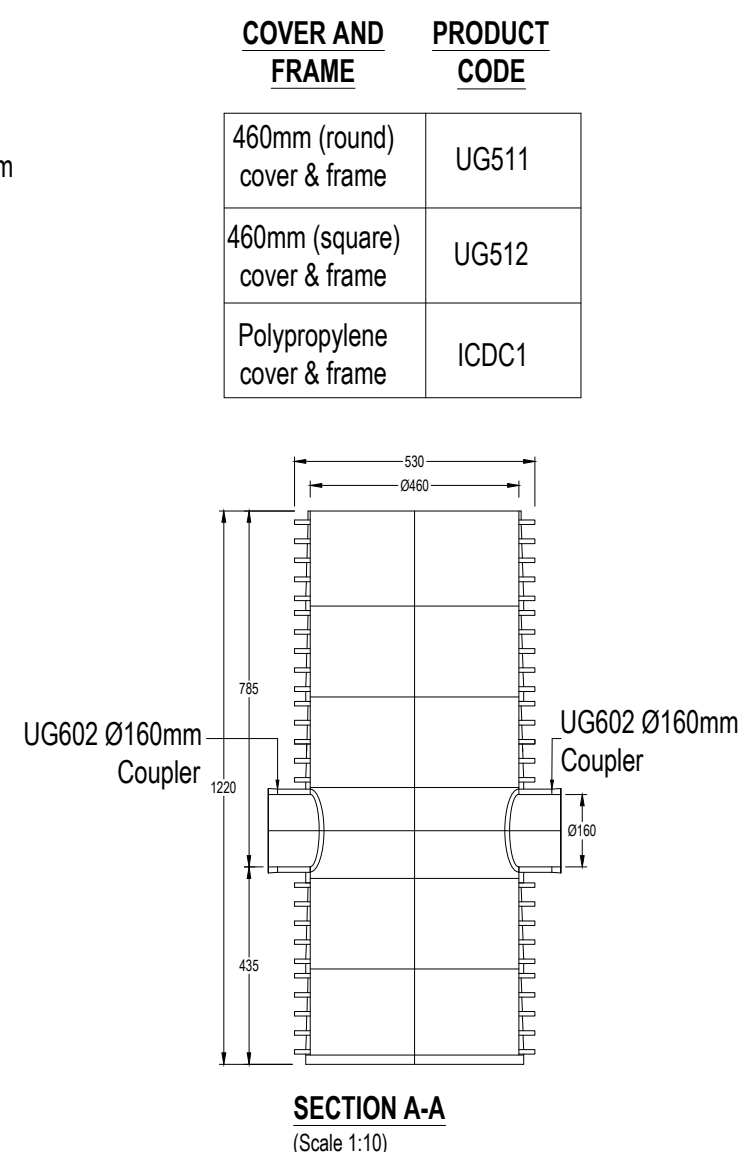
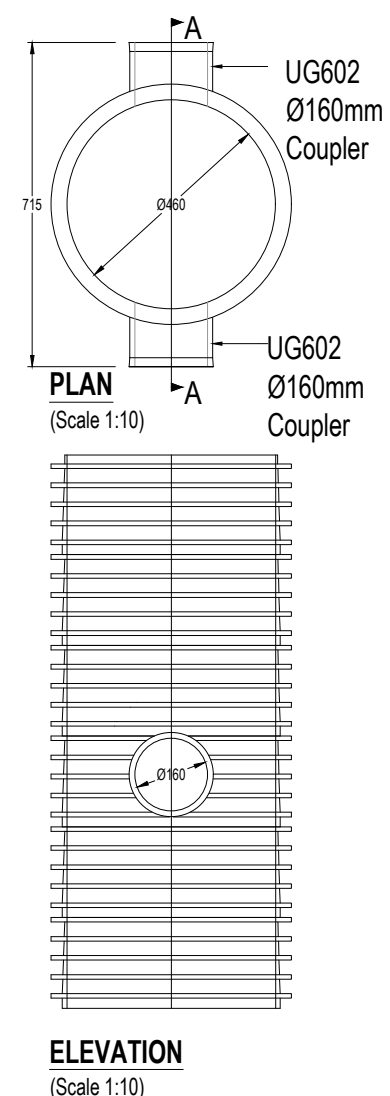
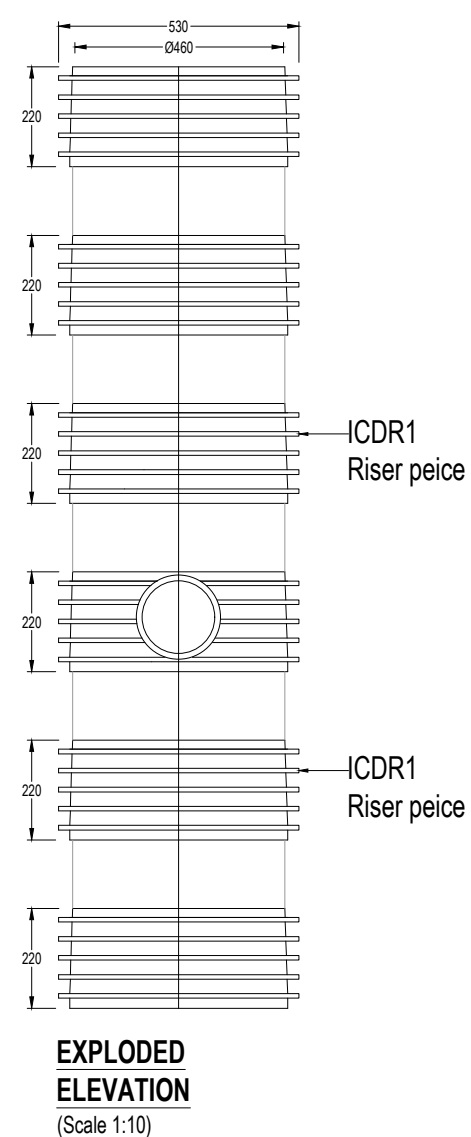


SILT TRAP DETAILS

NTS



COVER AND FRAME TO SUIT LOCATION / LOADING CONDITION

Concrete surround required to all silt trap manholes

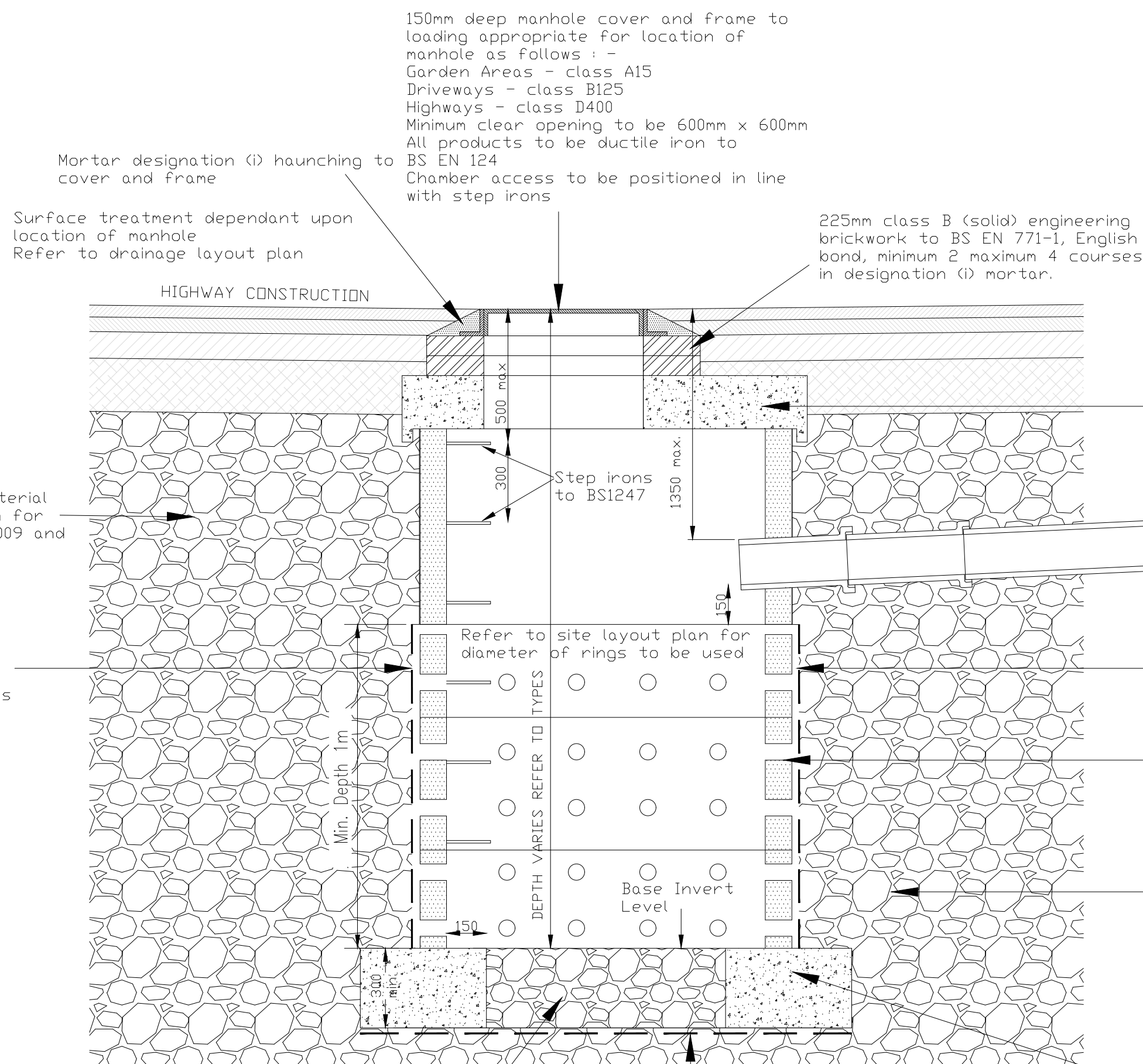
NORMAL WATER LEVEL

300mm

Diagram illustrating the cross-section of a silt trap manhole. The structure is shown with concrete walls and a concrete surround. The normal water level is indicated by a dashed line. The silt trap is located below the water level, and the silt accumulation is shown as a layer of material at the bottom of the trap. The distance from the normal water level to the bottom of the silt trap is 300mm.

Class B granular filter material
to clause 505 Specification for -
Highway Works November 2009 and
BS EN 13242

Terram 1000 or other approved filter membrane, wrapped and tapped as manufacturers details



300mm minimum class B granular
Filter material to clause 505
Specification for Highway Works
November 2009 and BS EN 13242
Base of manhole to be left open
to allow for vertical infiltration
in to sub-grade

Terram 1000 or other approved filter membrane, wrapped and tapped as manufacturers details

All concrete and concrete products to have sulphate resistant cement.

Soakaways to be located as shown on drainage layout plan within the porous material identified within the BSL test reports
If in doubt ASK !

SOAKAWAY DETAILS

NTS

Polypipe upto max depth to invert of 1.22m
RIDGISTORMSeperate Silt Traps (Basic Silt Trap)
or similar
NTS

1. All adoptable sewers and associated works are to comply fully with 'Sewers for Adoption' 7th Edition dated August 2012.
2. All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
3. All private drainage works are to comply fully with part 4 of the Building Regulations.
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to REFA.
All levels are based on topographical survey information provided by others.
5. All materials to bear the relevant B.S. kitemark and comply fully with the specifications.
All concrete and concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur)
6. All opening notices etc., as required under highways acts etc. are to be obtained prior to commencement of works.
All works are to be signed off by L.A., NHBC or Relevant Water Authority as applicable.

In line with the above regulations we are obliged to inform the Client of their responsibilities under section CDM 15/1, and residual risks that may be encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design.

We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid safety policy are employed.

They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by REFA below:—

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
3. Closure of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present on site.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public.
For clarification on any item please contact REFA.

A	SILT TRAP DETAILS REVISED	AS	30/01/2020
rev	Revision details	RevBy	Date

smas* **worksafe designer** as recognised by **SSIP** **SAFETY SCHEMES IN PROCUREMENT**
www.smasltd.com

Drawing Stage		Drawing Status	
	Draft		Tender
●	Issued	●	Information
			Construction
			Approval
			As Built

Client	
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**SG ESTATES
LIMITED**

Job title
**WATTS DYKE RD
LLAY**

Drawing title

SOAKAWAY DETAILS

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CONSULTING ENGINEERS

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Date 30.10.23	Scale N.T.S	Drawn AS
DRAWING No	20072/105/3	Rev A

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