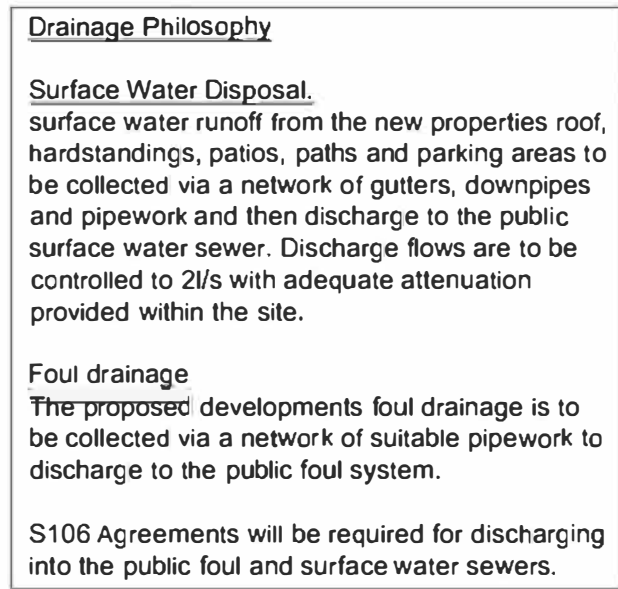




Scale 1:25



- scale 1:25

- Mortar bedding and haunching to cover and frame to Clause E6.7.

NOTE: Shaft to be temporarily capped during construction

NOTE: Access opening restricted to 350mm diameter or 300mm x 300mm through use of reducing piece if depth of chamber to invert exceeds 1.0m.

Joints between base and shaft and between shaft components to be fitted with watertight seals

Joint to be as close as possible to face of chamber to permit satisfactory joint and subsequent movement

NOTE:

Plastic chambers and rings in areas subject to vehicle loading shall comply with BS EN 13598-2, in all other areas they are to comply with BS EN 13598-1 or BS EN 13598-2 or have equivalent independent approval.

- Where rigid pipes are used, a flexible joint (rocker pipe) shall be provided as close as is feasible to the outside face of any structure into which a pipe is built, within 150mm for pipe diameters less than 300mm. The design of the joints shall be compatible with any subsequent movement.
- The recommended length of the next pipe (rocker pipe) away from the structure shall be as shown in Table E.12.

Nominal Diameter (mm)	Effective length of Rocker Pipe (mm)
150	600

1. Stub pipes into structures shall be of rigid material.

2. No incoming branch is to be less than 90° from the outgoing direction of flow, all pipes entering the bottom of the manhole are to have level soffits.

1. Manhole frames shall be set to level, bedded and haunched externally over the base and sides of the frame in mortar, in accordance with the manufacturers instructions.
2. Frames for manhole covers shall be bedded in a polyester resin based mortar in all situations where covers are sited in NRSWA Road Categories I, II or III (i.e. all except residential cul-de-sacs).

NRSAWA road category	Description	Minimum frame depth (mm)
I	Trunk roads and dual carriageways	150
II	All other A roads	150
III	Bus services	150
IV	All other roads except residential cul-de-sacs	150
-	Residential cul-de-sacs	100

1. Manhole covers and frames shall comply with the relevant provisions of BS EN124, BS7903 and Highways Agency Guidance Document HA 104/09. They shall be of a non-rocking design which does not rely on the use of cushion inserts.
2. Manhole covers on foul-only sewers shall be of low leakage types in order to prevent excessive surface water ingress.
3. As a minimum, Class D400 covers shall be used in carriageways of roads (including pedestrian streets), hard shoulders and parking areas used by all types of road vehicles.
4. Minimum frame depths for NRSWA road categories I to IV shall be as Table E.6.

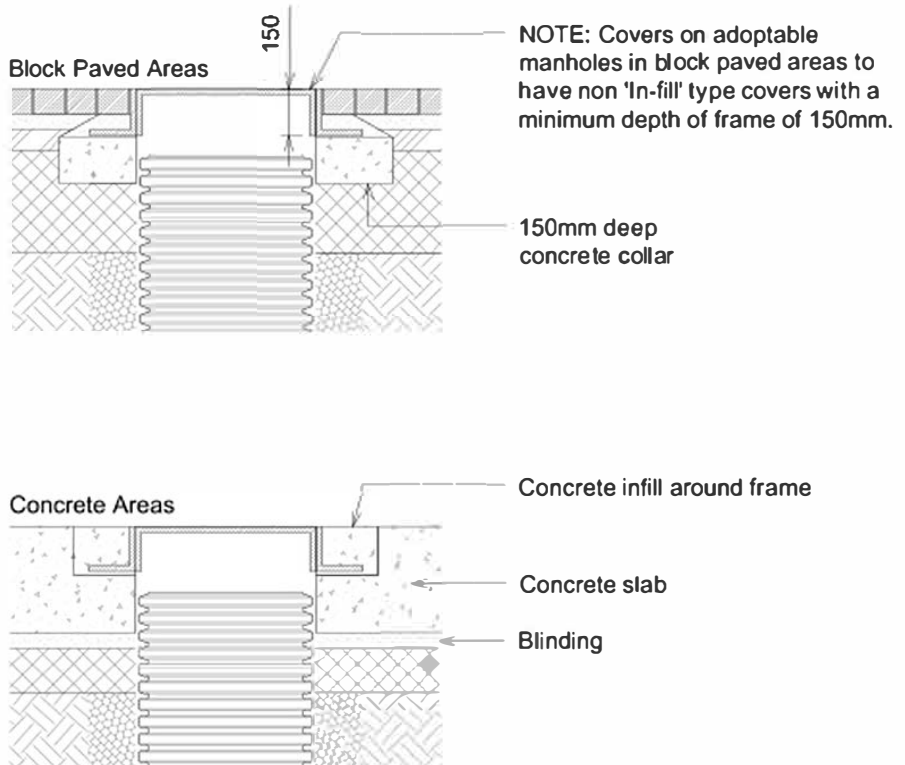
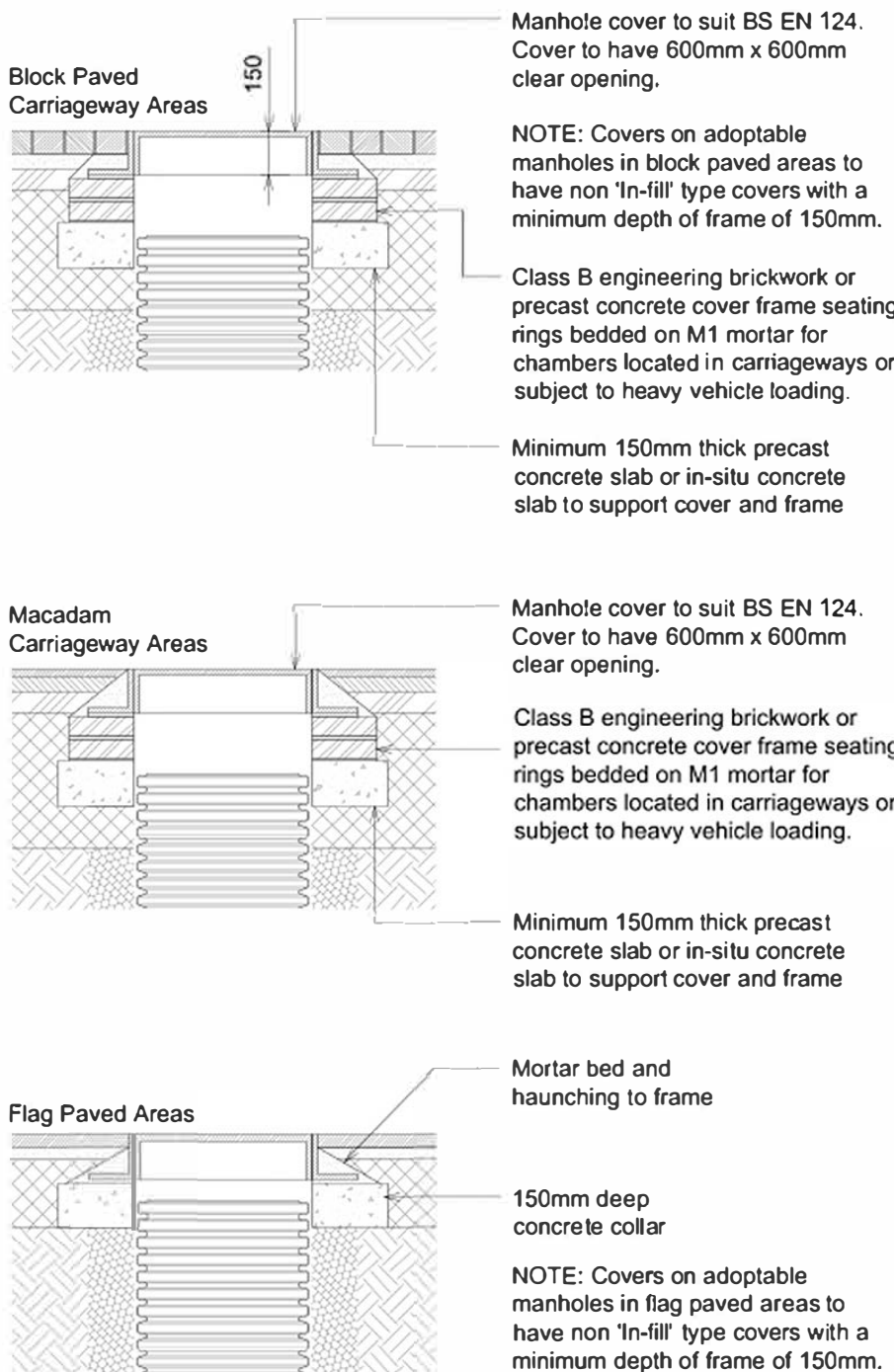
scale 1:10



- 1) A trash box is to be located at every channel outlet.
- 2) In macadam surfaced areas, benching to be tapered to allow base course and wearing course to be in close contact with edge of channel grating. Wearing course to be 3-6mm above the grating after rolling, in heavy duty traffic areas benching should be carried up to protect the edge of the channel.

scale 1:25

All covers to comply with BS EN 124 and BS7903, see Clause E2.32
All covers to have mortar bedding and haunching to cover and frame
to Clause E6.7



DRAINAGE NOTES

- The location of any existing drains and sewers are to be accurately located and reported, prior to any work commencing on site.
- All materials, workmanship and construction to be in accordance with the requirements of "Sewers for Adoption - 7th Edition" and published addendum and corrigendum.
- Channel drains shown are only to collect surface water run-off from hard paved areas and door thresholds and are not intended to collect groundwater or run-off from gardens and landscaped areas.
- All abandoned pipework to be completely removed or grout filled unless stated otherwise.

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.

B	Architects amended layout	23/12/2022
A	First issue to client	06/09/2022
Rev	Description	Date
PROJECT Proposed Residential development at Worcester Close, Istead Rise, Kent DA13 9LB		
CLIENT Frankham Projects		
		
Suite 2 The Powder House, Merolds Road, White Cliffs Business Park, Whitford, Dover, Kent. CT16 2HQ Tel: 01304 820777		
DRAWING	DATE	SCALE
Outline Drainage Strategy Plan	06/09/2022	As Noted
STATUS	DATE	REV
PLANNING - DIA Report	T-2022-097-01	B

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