

RWP AND SVP/FOUL
CONNECTIONS ARE SUBJECT
TO FINAL CONFIRMATION BY
ARCHITECT

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Status

No.	Revision	Date	Drwn
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Drainage Strategy

NPPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

Surface Water:

We are proposing to retain the existing RWP on the building due to demolition reducing the proposed impermeable area.

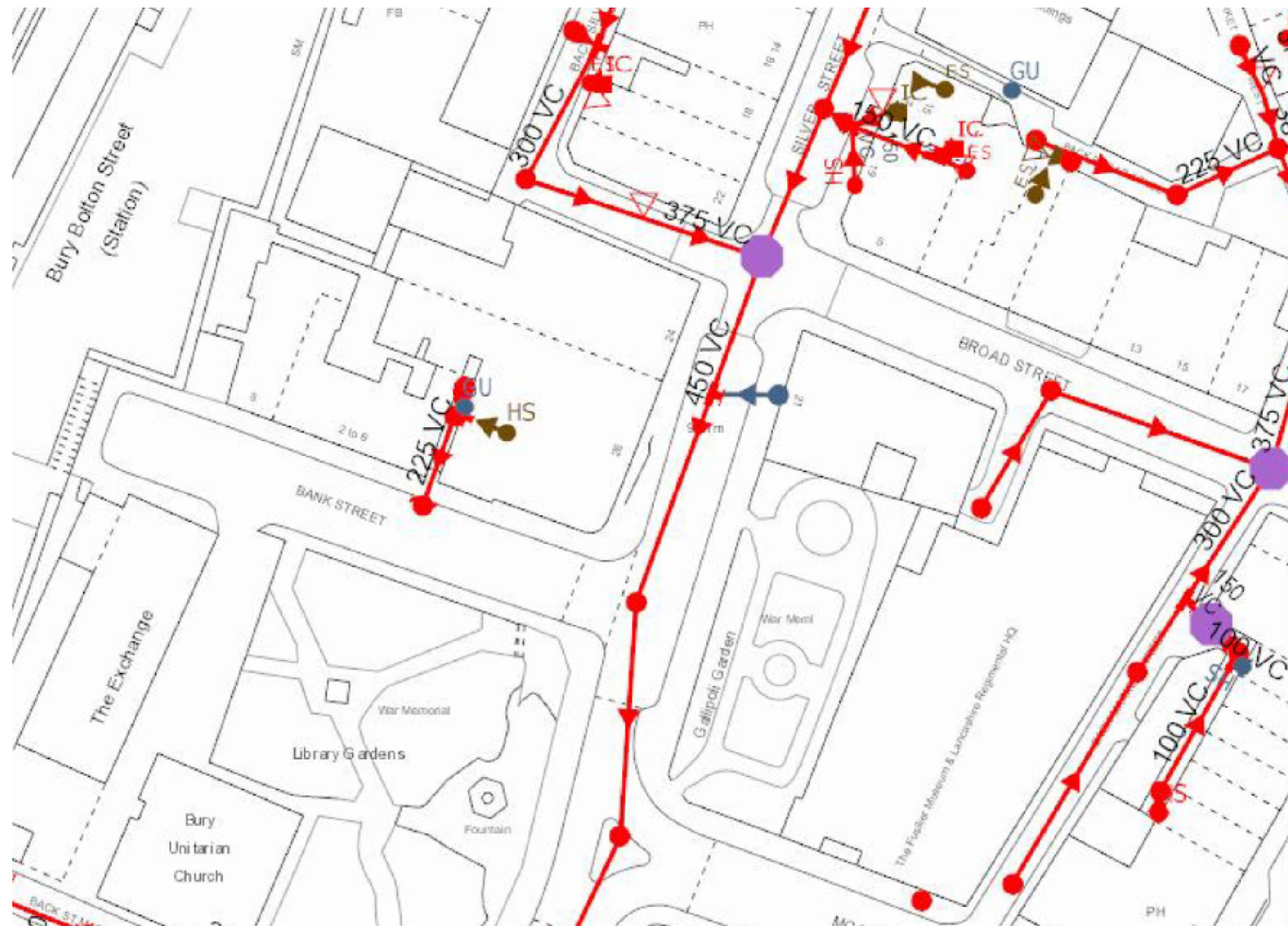
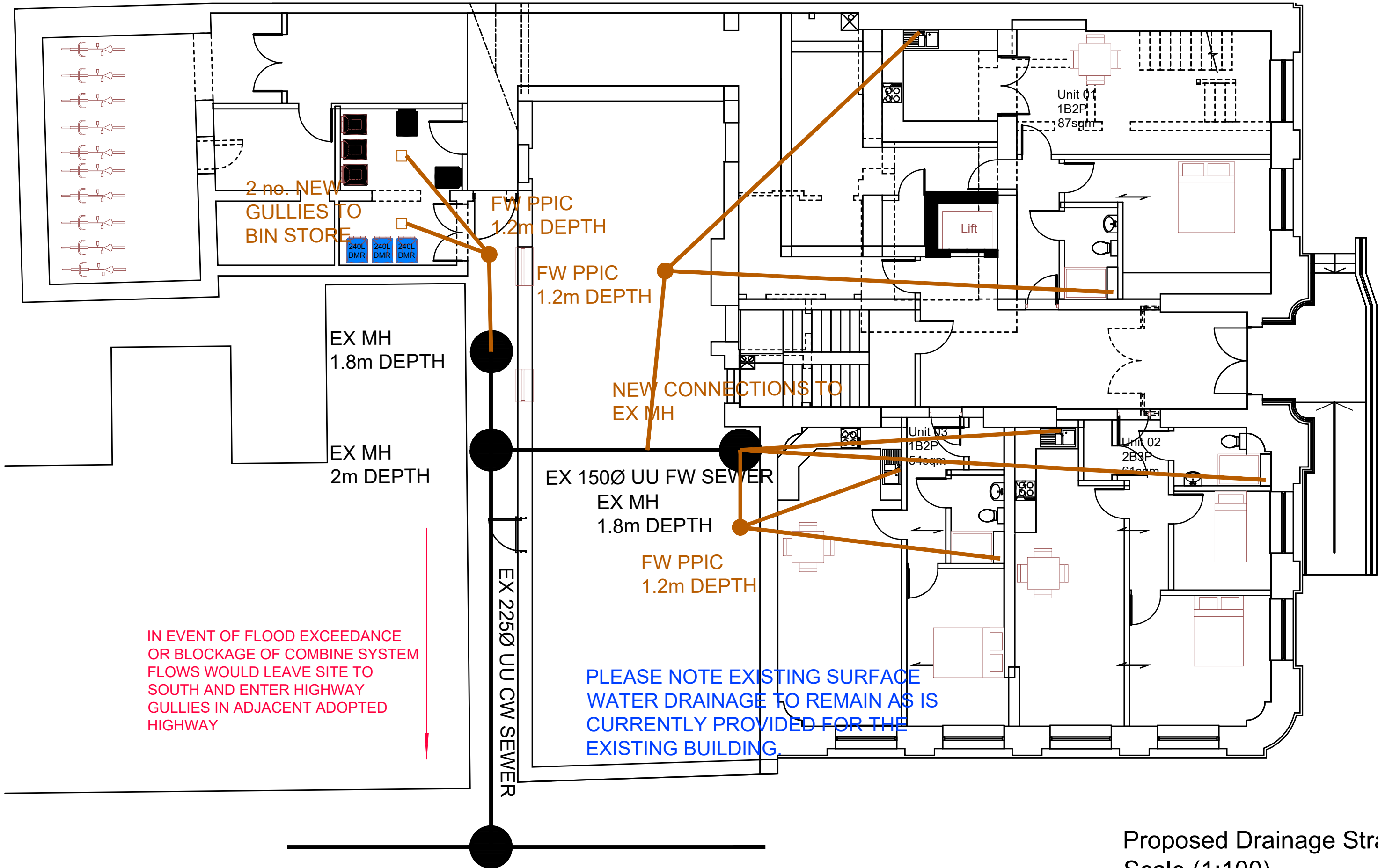
RWP to front of building discharge into existing channels in the footway and into Warrington Road and the RWP to the rear are drained below ground into existing private sewers.

Foul Water

Foul Water to private sewer and where required new drainage provided to suit new layout of the development.

Maintenance

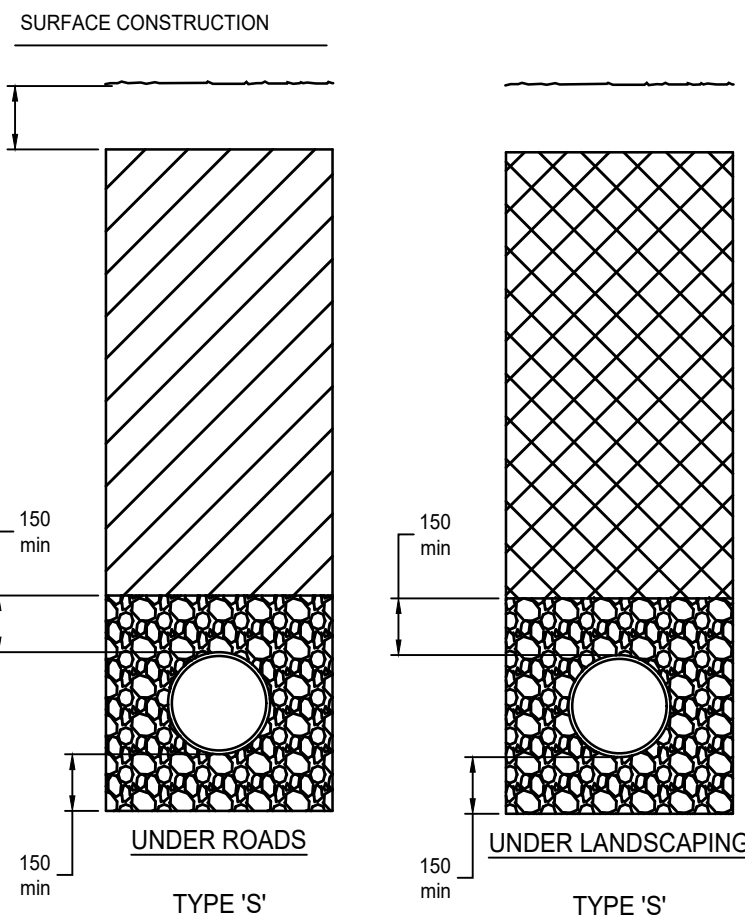
The site is to remain private and site owner will be responsible for the maintenance and management of the sewers, please see Maintenance Schedule for list of actions to be undertaken.



Key

- Proposed Surface Water Drainage
- Proposed Foul Water Drainage
- Existing Watercourse

Existing United Utilities Sewer Records (NTS)



APPLICABLE UNDER ROADS / SERVICE YARDS WHERE DRAINS HAVE MORE THAN 1200 COVER IF ADOPTED OR MORE THAN 900 COVER IF NOT ADOPTED

APPLICABLE UNDER FOOTPATHS, VERGES AND OTHER NON-TRAFFICKED AREAS WHERE DRAINS HAVE MORE THAN 900 COVER IF ADOPTED OR MORE THAN 600 COVER IF NOT ADOPTED

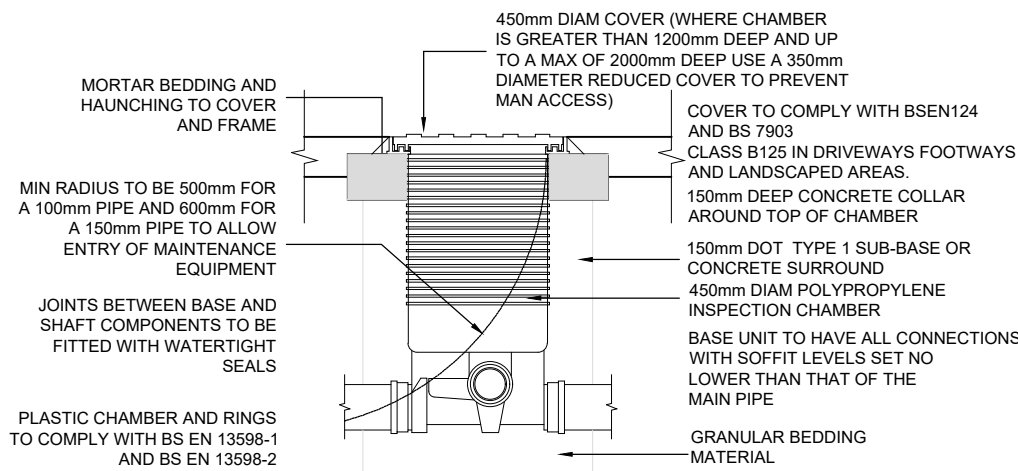
**DRAINS WITH GRANULAR (TYPE 'S')
BED AND SURROUND
(SCALE 1:20)**

DRAIN SURROUND DETAILS

SIZE OF BEDDING MATERIAL			
ALL GRANULAR MATERIAL TO BE SINGLE SIZED OR GRADED IN ACCORDANCE WITH BS 882:1997 BS897			
PIPE DIAMETER	NOMINAL SINGLE SIZED		GRADED
UP TO 100mm	10mm		
OVER 100mm TO 150mm	10mm or 14mm	5mm to 14mm	
OVER 150mm TO 300mm	10mm, 14mm or 20mm	5mm to 14mm or 20mm to 20mm	
OVER 300mm TO 550mm	14mm or 20mm	5mm to 14mm or 20mm to 20mm	
OVER 550mm	14mm, 20mm or 40mm	5mm to 14mm or 20mm to 20mm or 5mm to 40mm	

LIMITS OF COVER IN ANY WIDTH OF TRENCH			
NOMINAL SIZE	LAID IN FIELDS	LAID IN LIGHT ROADS	LAID IN MAIN ROADS
CLASS 120 CLAYWARE PIPES (CLASS B BEDDING)			
150-150mm	0.6m - 8.0m	1.2m - 8.0m	1.2m - 8.0m
225mm	0.6m - 5.0m	1.2m - 5.0m	1.2m - 4.5m
450mm	0.6m - 4.5m	1.2m - 4.5m	1.2m - 4.5m
600mm	0.6m - 4.5m	1.2m - 4.5m	1.2m - 4.5m
CLASS M CONCRETE PIPES (CLASS B BEDDING)			
300mm	0.6m - 3.0m	1.2m - 3.0m	1.2m - 2.5m
450mm	0.6m - 3.5m	1.2m - 3.5m	1.2m - 2.5m
600mm	0.6m - 3.5m	1.2m - 3.5m	1.2m - 3.0m
THERMOPLASTIC PIPES (CLASS B BEDDING)			
100 - 300mm	0.6m - 7.0m	0.9m - 7.0m	0.9m - 7.0m

WHERE COVER IS LESS THAN THE ALLOWABLE DEPTH PIPES TO HAVE A CLASS 2 CONCRETE SURROUND OR CONCRETE COVER SLAB PROTECTION



**POLYPROPYLENE INSPECTION CHAMBER (1:25)
(WHERE SITED IN CAR PARK AREAS)
UP TO 3000 DEEP FOR PRIVATE IC's**



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CLIENT
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PROJECT
SILVER STREET, BURY

DRAWING TITLE
DRAINAGE STRATEGY

Drawn	AD	Chkd	RT	Date	May 2024	Scale	AS SHOWN
Sheet Size	A1	Drawing No.	24722-DR-C-0100	Revision			P1