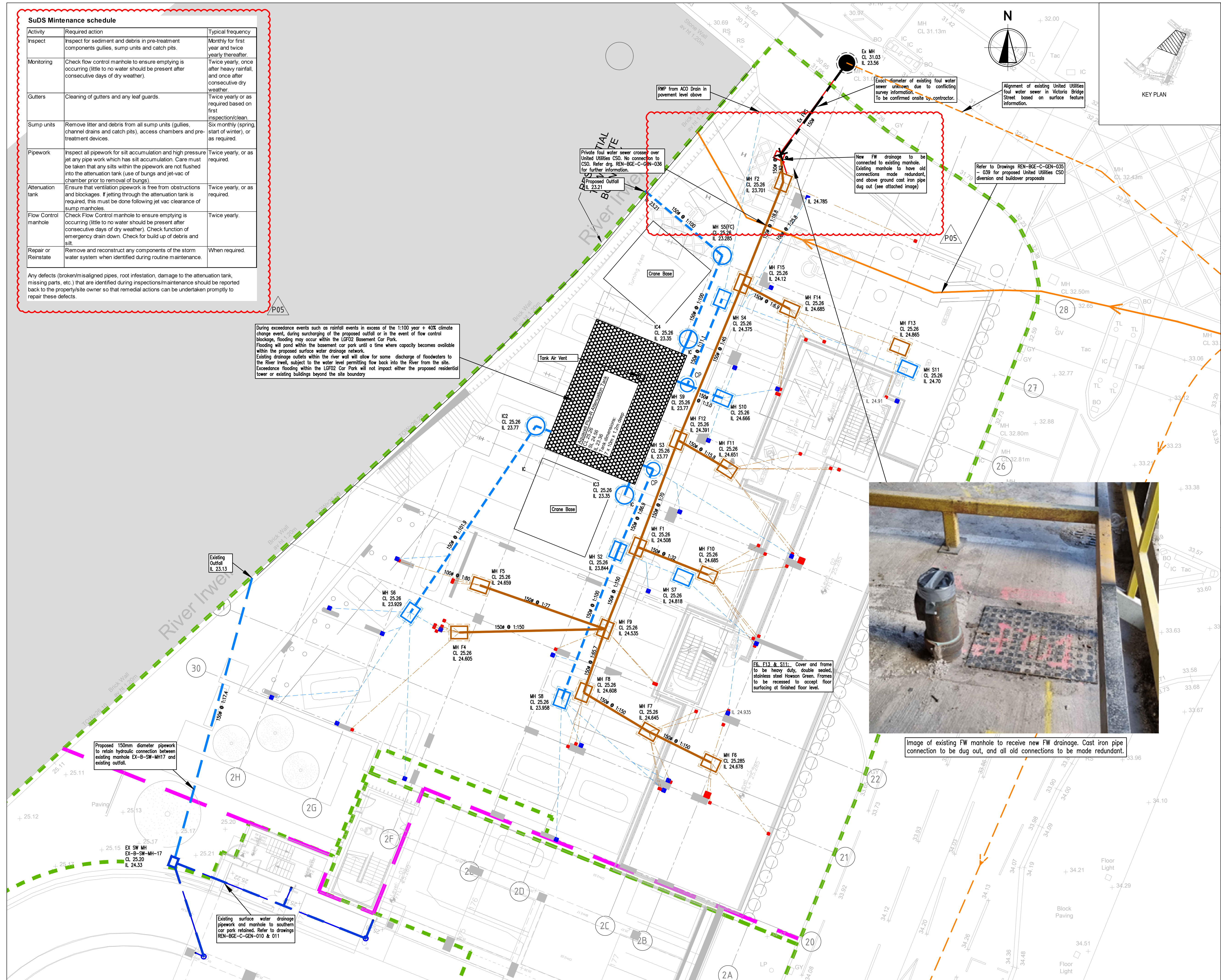


SuDS Maintenance schedule

Activity	Required action	Typical frequency
Inspect	Inspect for sediment and debris in pre-treatment components gullies, sump units and catch pits.	Monthly for first year and twice yearly thereafter.
Monitoring	Check flow control manhole to ensure emptying is occurring (little to no water should be present after consecutive days of dry weather).	Twice yearly, once after heavy rainfall, and once after consecutive dry weather.
Gutters	Cleaning of gutters and any leaf guards.	Twice yearly or as required based on first inspection/clean.
Sump units	Remove litter and debris from all sump units (gullies, channel drains and catch pits), access chambers and pre-treatment devices.	Six monthly (spring, start of winter), or as required.
Pipework	Inspect all pipework for silt accumulation and high pressure jet any pipe work which has silt accumulation. Care must be taken that any silts within the pipework are not flushed into the attenuation tank (use of bungs and jet-vac of chamber prior to removal of bungs).	Twice yearly, or as required.
Attenuation tank	Ensure that ventilation pipework is free from obstructions and blockages. If jetting through the attenuation tank is required, this must be done following jet vac clearance of sump manholes.	Twice yearly, or as required.
Flow Control manhole	Check Flow Control manhole to ensure emptying is occurring (little to no water should be present after consecutive days of dry weather). Check function of emergency drain down. Check for build up of debris and silt.	Twice yearly.
Repair or Reinstall	Remove and reconstruct any components of the storm water system when identified during routine maintenance.	When required.

Any defects (broken/misaligned pipes, root infestation, damage to the attenuation tank, missing parts, etc.) that are identified during inspections/maintenance should be reported back to the property/site owner so that remedial actions can be undertaken promptly to repair these defects.

During exceedance events such as rainfall events in excess of the 1:100 year + 40% climate change event, during surcharging of the proposed outfall or in the event of flow control blockage, flooding may occur within the LGF02 Basement Car Park. Flooding will pond within the basement car park until a time where capacity becomes available within the proposed surface water drainage network. Existing drainage outlets within the river wall will allow for some discharge of floodwaters to the River Irwell, subject to the water level permitting flow back into the River from the site. Exceedance flooding within the LGF02 Car Park will not impact either the proposed residential tower or existing buildings beyond the site boundary.



- Key
- Application Boundary
 - Existing Public Foul Sewer and Manhole
 - Existing United Utilities Combined Sewer
 - Existing United Utilities Foul Water sewer
 - Existing Private Surface Water Drainage
 - Proposed Surface Water Drain and Manhole
 - Proposed Surface Water Lateral (100s)
 - Proposed Catchpit
 - Proposed Inspection Chamber
 - Proposed Attenuation Tank
 - Proposed Foul Water Sewer and Manhole
 - Proposed Foul Water Laterals (100s)

- Notes:
- All levels are in metres above Ordnance Datum.
 - All dimensions are in millimetres unless stated otherwise.
 - Refer to Drawing REN-BGE-C-GEN-005 for General Notes

REV	DATE	DESCRIPTION	RVD
P05	21.02.2023	UPDATE FW CONNECTION	YM
P04	23.08.2022	INFORMATION ADDED FOR UU REVIEW	LH
P03	17.08.2022	UPDATED FOR COORDINATION WITH CRANE BASE	EG
P02	08.06.2022	UPDATED PILE POSITION	LK
P01	22.04.2022	ISSUE FOR STAGE 2 TENDER	DF (CE)
P00	04.03.2022	ISSUE FOR STAGE 2 TENDER	DF (CE)

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BG & E

RENAISSANCE			
CIVIL			
GENERAL			
ISSUED FOR INFORMATION			
NOT TO BE ISSUED FOR CONSTRUCTION			
DRAWN	DESIGNED	CHECKED	APPROVED
CE	JP (CE)	DF (CE)	LJK
DATUM	GRID	SCALE	AT A1 SIZE
OSGB36	BNG	1:125	
TITLE			
PROPOSED DRAINAGE - BASEMENT LEVEL			
NORTHERN PLAN			
PROJECT No	DRAWING No	REV	
L20081	REN-BGE-C-GEN-051	P05	