MAINTENANCE SCHEDULES

Attenuation Tank Maintenance Schedule

SUDS Element	Maintenance		
Attenuation Tank	Maintenance Aim	Failure of components, blockage from debris	
	Maintenance Period	Maintenance Task	Frequency
	Regular	Inspect and identify any elements that are not operating correctly. If required, take remedial action.	Monthly for three months, then annually
		Remove sediment/debris from catchment surface that may lead to blockage of structures.	Monthly or as required
		Remove sediment/debris from catch pits/ gullies and control structures.	Annually, after severe storms or as required
		Cleaning of grated "brio" manholes	Annually, after severe storms or as required
	Remedial Work	Repair inlets, outlets, vents, overflows and control structures.	As required
	Monitoring	Inspect all inlets, outlets, vents, overflows and control structures to ensure they are in good condition and operating as designed.	Annually or after severe storms
		Survey inside of tank for sediment build-up and remove if necessary	Every year or as required

ATTENUATION TANK MAINTENANCE SCHEDULE

Permeable Paving Maintenance Schedule

SUDS Element	Maintenance		
Permeable Paving	Maintenance Period	Maintenance Task	Frequency
	Regular	Brushing and vacuuming (standard cosmetic sweep over whole surface)	Once a year, after autumn leaf fall, or as required, based on site specific observations of clogging or manufacturer's recommendations.
	Occasional	Removal of weeds	As required
	Remedial Work	Remediation work to any depressions, rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users	As required
	Monitoring	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
		Monitor inspection chambers	Annually

PERMEABLE PAVING MAINTENANCE SCHEDULE

Petrol Interceptor Maintenance Schedule

SUDS Element	Maintenance		
Petrol Interceptor	Maintenance Period	Maintenance Task	Frequency
	Regular Inspection	Inspect upstream and downstream manholes visually and assess silt build-up	Quarterly
		Measure the thickness of oil and aassess the level of sludge/silt	Biannually
		Level of sludge/silt to be assessed	Biannually
	Regular Maintenance	Servicing of petrol interceptor by manufacturer	Biannually
		Integrity of interceptor to be assessed by manufacturer	Biannually
		Interceptor to be cleared of possible blockages by means if inspections	Quarterly
	Remedial Work	Removal and replacing of interceptor to be carried out by manufacturer	As required
		Inspector to produce written interceptor inspection report	Post-inspection

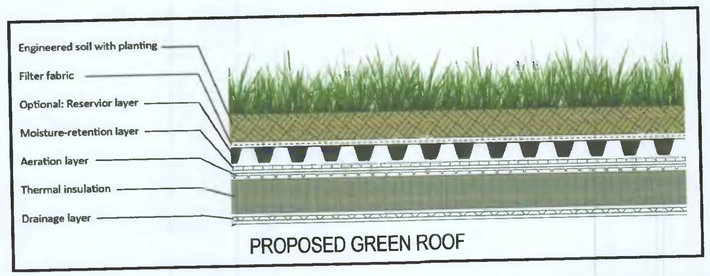
PETROL INTERCEPTOR MAINTENANCE SCHEDULE

Tree Pit Maintenance Schedule

SUDS Element	Maintenance		
Tree Pit	Maintenance Period	Maintenance Task	Frequency
	Regular	Brushing and vacuuming (standard cosmetic sweep over tree pit surface)	Once a year, after autumn leaf fall, or as required, based on site specific observations of clogging or manufacturer's recommendations.
	Occasional	Removal of weeds	As required
	Remedial Work	Remediation work to any soil depressions, which might compromise the integrity of the tree pit.	As required
	Monitoring	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
		Monitor connections to inspection chambers	Annually

TREE PIT MAINTENANCE SCHEDULE

PROPOSED STORMTECH ATTENUATION FACILITY



PROPOSED GREEN ROOF

NOTES

1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES
2. ALL LEVELS ARE IN METRES AND ARE RELATED TO ORDNANCE DATUM
3. ALL DIMENSIONS TO BE IN MILLIMETERS UNLESS NOTED OTHERWISE
4. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
5. ALL SURFACE WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY'S CODE OF PRACTICE FOR DRAINAGE AND THE GSDS
6. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
7. ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATERS' CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
8. FOUL SEWERS TO BE THERMOPLASTIC STRUCTURED WALL PIPES (COMPLYING WITH THE PROVISION OF IS EN 13476 AND WIS 4-35-01 2000) AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE
9. WATERMAIN INSTALLATION AND ALL WATER SUPPLY WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER'S CODE OF PRACTICE FOR WATER SUPPLY AND WATER INFRASTRUCTURE STANDARD DETAILS
10. WATERMAINS TO BE TYPE HPPE, PE-100, SDR-17 RATED AND SHALL CONFORM TO IS EN 12201 (PART 1, PART 2 & PART 3).
11. WATERMAIN SERVICE CONNECTION PIPES TO BE HDPE (PE-80) MATERIAL WITH SDR-17 RATING
12. ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARD DETAIL STD-W-28 (WATER MAIN THRUST AND SUPPORT BLOCKS.
13. HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE.
14. WHERE COVER TO PIPE IS LESS THAN 900mm IN GREEN AREAS AND 1200mm IN TRAFFICKED AREAS, ENCASE PIPE IN NEW 150mm CONCRETE WITH MOVEMENT JOINTS.

LEGEND

- PROPOSED SURFACE WATER MANHOLE (ExS522 CL: 58.190 IL: 52.790)
- PROPOSED SURFACE WATER SEWER (225ø@1:100)
- PROPOSED SURFACE WATER DOWNPIPE WITH RODDING EYE (Rwdp)
- PROPOSED LINEAR SURFACE DRAIN (ACO OSA) (ACO)
- PROPOSED LINEAR SURFACE DRAIN AT BASEMENT SLAB LEVEL(ACO OSA) (ACO)
- EXISTING SURFACE WATER SEWER (SW)
- SITE BOUNDARY
- PROPOSED BUILDING
- PROPOSED FOOTPATH
- PROPOSED ROADWAY
- PROPOSED PERMEABLE PAVING
- EXTENT OF BASEMENT
- PROPOSED GREEN ROOF
- PROPOSED ATTENUATION FACILITY
- TREE AREA OF ATTENUATION
- PERMEABLE PAVING AREA OF ATTENUATION

0 2.5 5 7.5 10 12.5 m
SCALE 1:250

Rev	Date	Description	By	Chk
P2	28/04/22	CFI RESPONSE	SM	SJ
P1	25/01/22	RFI RESPONSE	SM	SJ
P	15/10/21	PLANNING SUBMISSION	SM	SJ

PLANNING

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PROJECT: U-Store-It, Liffey Valley

CLIENT: Oceanglade Ltd

DRAWING TITLE: Proposed SuDS Strategy Layout

dm. by: PTC	date: Dec '19	scale: 1:250
drawing size: A1	chk: SJ	app: GD
job no: P2005	drg. no: P2005-C-205	rev: P2

NOT FOR CONSTRUCTION