

MAINTENANCE SCHEDULES

Attenuation Tank Maintenance Schedule

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

ATTENUATION TANK MAINTENANCE SCHEDULE

Permeable Paving Maintenance Schedule

SuDS Element	Maintenance	Maintenance Task	Frequency
Permeable Paving	Maintenance Period		
	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 Inspect silt accumulation rates and establish appropriate brushing frequencies	As required Annually
Monitoring	Monitor inspection chambers	Annually	

PERMEABLE PAVING MAINTENANCE SCHEDULE

Petrol Interceptor Maintenance Schedule

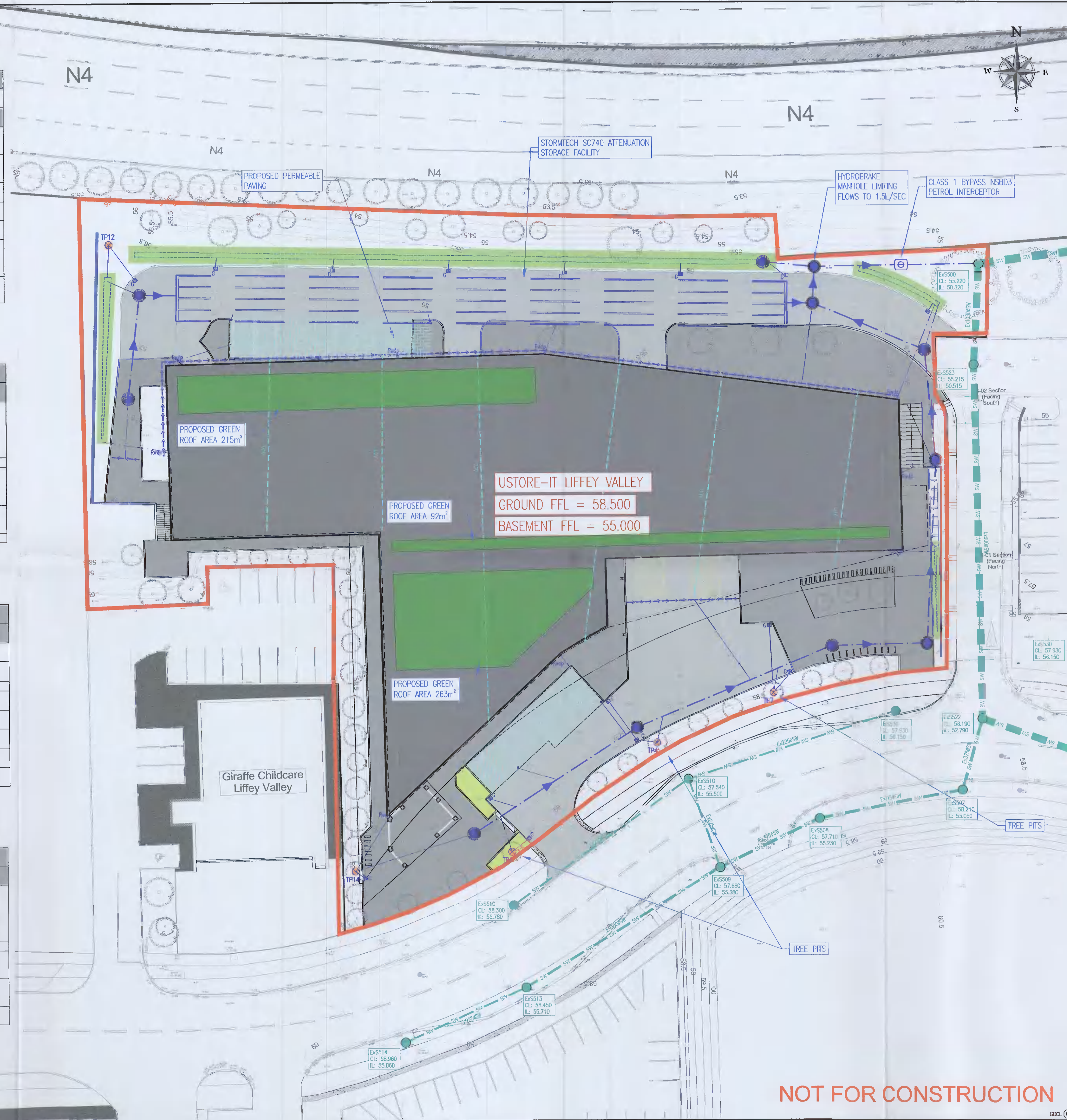
SuDS Element	Maintenance	Maintenance Task	Frequency
Petrol Interceptor	Maintenance Period		
	Regular Inspections	Inspect upstream and downstream manholes visually and assess silt build-up Measure the thickness of oil and assess the level of sludge/silt to be assessed	Quarterly Biannually
	Regular Maintenance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

PETROL INTERCEPTOR MAINTENANCE SCHEDULE

Tree Pit Maintenance Schedule

SuDS Element	Maintenance	Maintenance Task	Frequency
Tree Pit	Maintenance Period		
	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. Inspect silt accumulation rates and establish appropriate brushing frequencies	As required Annually
Monitoring	Monitor connections to inspection chambers	Annually	

TREE PIT MAINTENANCE SCHEDULE



NOTES

- ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES
- ALL LEVELS ARE IN METRES AND ARE RELATED TO ORDNANCE DATUM
- ALL DIMENSIONS TO BE IN MILLIMETERS UNLESS NOTED OTHERWISE
- CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAVEMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
- ALL SURFACE WATER DRAINAGE WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY'S CODE OF PRACTICE FOR DRAINAGE AND THE CROSS
- ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004.
- ALL FLOOR DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
- FLOOR 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 FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
- 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
- WATERMANS TO BE TYPE HPPE, PE-100, SDR-17 RATED AND SHALL CONFORM TO IS EN 12201 (PART 1, PART 2 & PART 3).
- WATERMAIN SERVICE CONNECTION PIPES TO BE HDPE (PE-80) MATERIAL WITH SDR-17 RATING
- 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)
- HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE
- 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
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER DOWNPIPE WITH ROOFING EYE
- PROPOSED LINEAR SURFACE DRAIN (ACO OGA)
- PROPOSED LINEAR SURFACE DRAIN AT BASEMENT SLAB LEVEL (ACO OGA)
- EXISTING SURFACE WATER SEWER
- SITE BOUNDARY
- PROPOSED BUILDING
- PROPOSED FOOTPATH
- PROPOSED ROADWAY
- PROPOSED PERMEABLE PAVING
- EXTENT OF BASEMENT
- PROPOSED GREEN ROOF

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

PLANNING

gdcl
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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. P1

NOT FOR CONSTRUCTION