

### MAINTENANCE SCHEDULES

| Attenuation Tank Maintenance Schedule |  |  |
|---------------------------------------|--|--|
| SUDS Element                          | Maintenance  | Frequency  |
| Attenuation tank                      | Maintenance Issues   | Failure of components, blockage from debris  |
|                                       | Maintenance Period   | Monthly  |
|                                       | Regular  | Inspect and identify any elements that are not operating correctly. If required, take remedial action. |
| Remedial Work                         | 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. Cleaning of grated "brico" manholes.                          | Annually, after severe storms or as required   |
| Monitoring                            | Repair inlets, outlets, vents, overflows and control structures.   | As required  |
|                                       | 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                 | Frequency   |
| Permeable paving                      | Regular                     | Brushing and vacuuming (standard cosmetic sweep over whole surface)   |
|                                       | Occasional                  | Removal of weeds  |
|                                       | 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 |
| Monitoring                            | Monitor inspection chambers | Annually  |

### PERMEABLE PAVING MAINTENANCE SCHEDULE

| Petrol Interceptor Maintenance Schedule |                     |  |
|---|---------------------|--|
| SUDS Element                            | Maintenance         | Frequency  |
| Petrol Interceptor                      | 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. Level of sludge/silt to be assessed. |
|   | Regular maintenance | Servicing of petrol interceptor by manufacturer. Integrity of interceptor to be assessed by manufacturer. Interceptor to be cleared of possible blockages by means of inspections. |
|   | Remedial work       | Removal and replacing of interceptor to be carried out by manufacturer. Inspector to produce written interceptor inspection report.  |

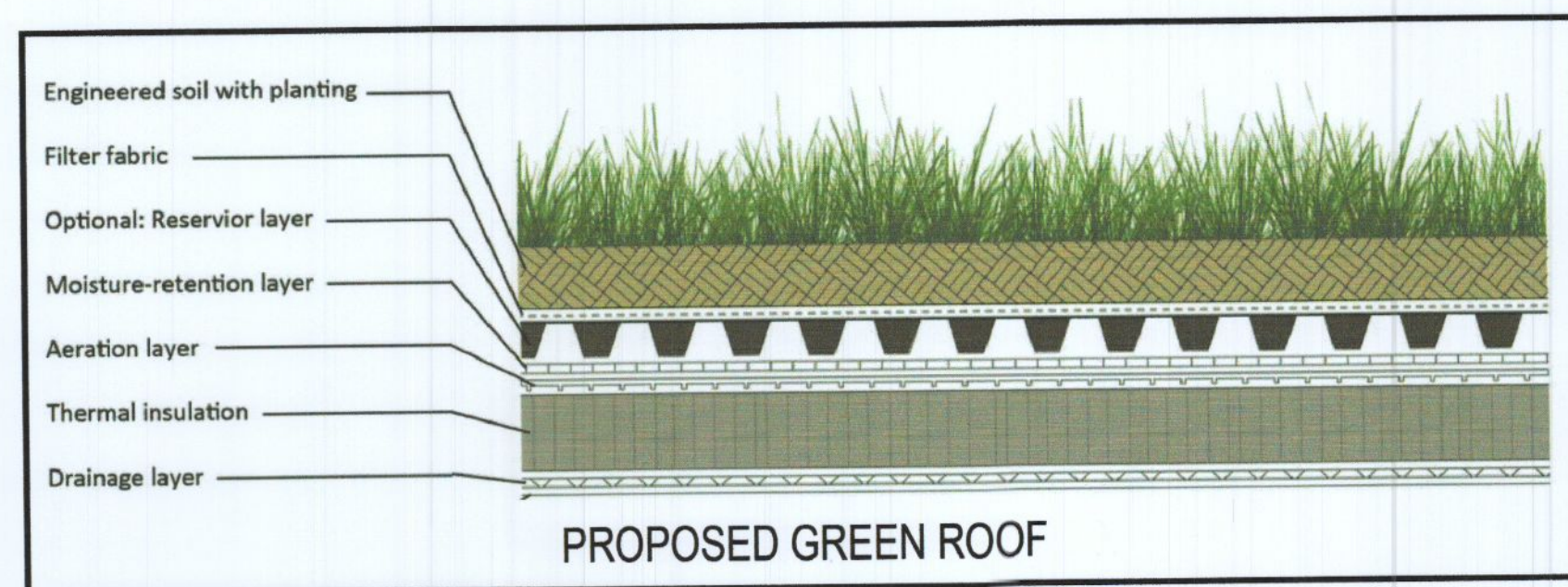
### PETROL INTERCEPTOR MAINTENANCE SCHEDULE

| Tree Pit Maintenance Schedule |  |  |
|-------------------------------|--|--|
| SUDS Element                  | Maintenance                                | Frequency  |
| Tree pit                      | Regular                                    | Brushing and vacuuming (standard cosmetic sweep over tree pit surface)   |
|                               | Occasional                                 | Removal of weeds   |
|                               | 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 |
| Monitoring                    | Monitor connections to inspection chambers | Annually   |

### TREE PIT MAINTENANCE SCHEDULE



PROPOSED STORMTECH ATTENUATION FACILITY



PROPOSED GREEN ROOF



**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 PAYMENT 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 GSDS
- ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1918 & IS 6 2004.
- ALL FOUL DRAINAGE WORKS TO BE IN ACCORDANCE WITH IRISH WATER'S CODE OF PRACTICE FOR WASTEWATER SUPPLY AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
- 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
- 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 IRISH 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 OSA)
- PROPOSED LINEAR SURFACE DRAIN AT BASEMENT SLAB LEVEL(ACO OSA)
- EXISTING SURFACE WATER SEWER
- 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

| P   | 28/10/22 | PLANNING SUBMISSION | SM | SJ  |
|-----|----------|---------------------|----|-----|
| Rev | Date     | Description         | By | Chk |

**PLANNING**

**gdcl**  
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PROJECT  
U-Store-It, Liffey Valley

CLIENT  
Oceanglade Ltd

DRAWING TITLE  
Proposed SuDS Strategy Layout

|                  |                      |              |
|------------------|----------------------|--------------|
| dm. by: SM       | date: Oct 22         | scale: 1:250 |
| drawing size: A1 | chk: SJ              | app: GD      |
| job no: P2005    | dra. no: P2005-C-305 | rev: p       |

NOT FOR CONSTRUCTION