

- 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 ORDINANCE DATUM
- ALL DIMENSIONS ARE 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 GSDS
- ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 8:2004
- 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 WS 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 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)
- RISING MAIN PIPES AND FITTINGS TO BE POLYETHYLENE PE100 AND SHALL COMPLY WITH IS EN 12201
- 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)
- ALL DOMESTIC PROPERTIES TO BE WITHIN 46m FROM A HYDRANT
- HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE
- WHERE COVER TO PIPE IS LESS THAN 800mm IN GREEN AREAS AND 1200mm IN TRAFFICKED AREAS, ENCASE PIPE IN NEW 150mm CONCRETE WITH MOVEMENT JOINTS

LEGEND

- SS.2 CL. 76.02 IL. 75.00 PROPOSED SURFACE WATER MANHOLE
- 750x1100 PROPOSED SURFACE WATER SEWER
- TP1 PROPOSED TREE PIT
- RWP PROPOSED RAINWATER DOWNPIPE
- FS EXISTING FOUL SEWER
- SW EXISTING SURFACE WATER SEWER
- WM EXISTING WATERMAIN
- Red outline SITE OUTLINED RED (0.468ha)
- Dashed line BASEMENT OUTLINE
- Grey outline PROPOSED BUILDING
- Green outline PROPOSED GREEN ROOF ATTENUATION
- Blue outline PROPOSED PERMEABLE PAVING
- Light Green outline PROPOSED BIO-RETENTION SYSTEM

PI	20/04/22	ISSUED FOR PLANNING	SM	SJ
P	02/08/21	ISSUED FOR PLANNING	SM	SJ
Rev	Date	Description	By	Ch

PLANNING



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PROJECT
Silver Granite, Palmerstown

CLIENT
Hollyville Investments Ltd.

DRAWING TITLE
SuDS Strategy Layout

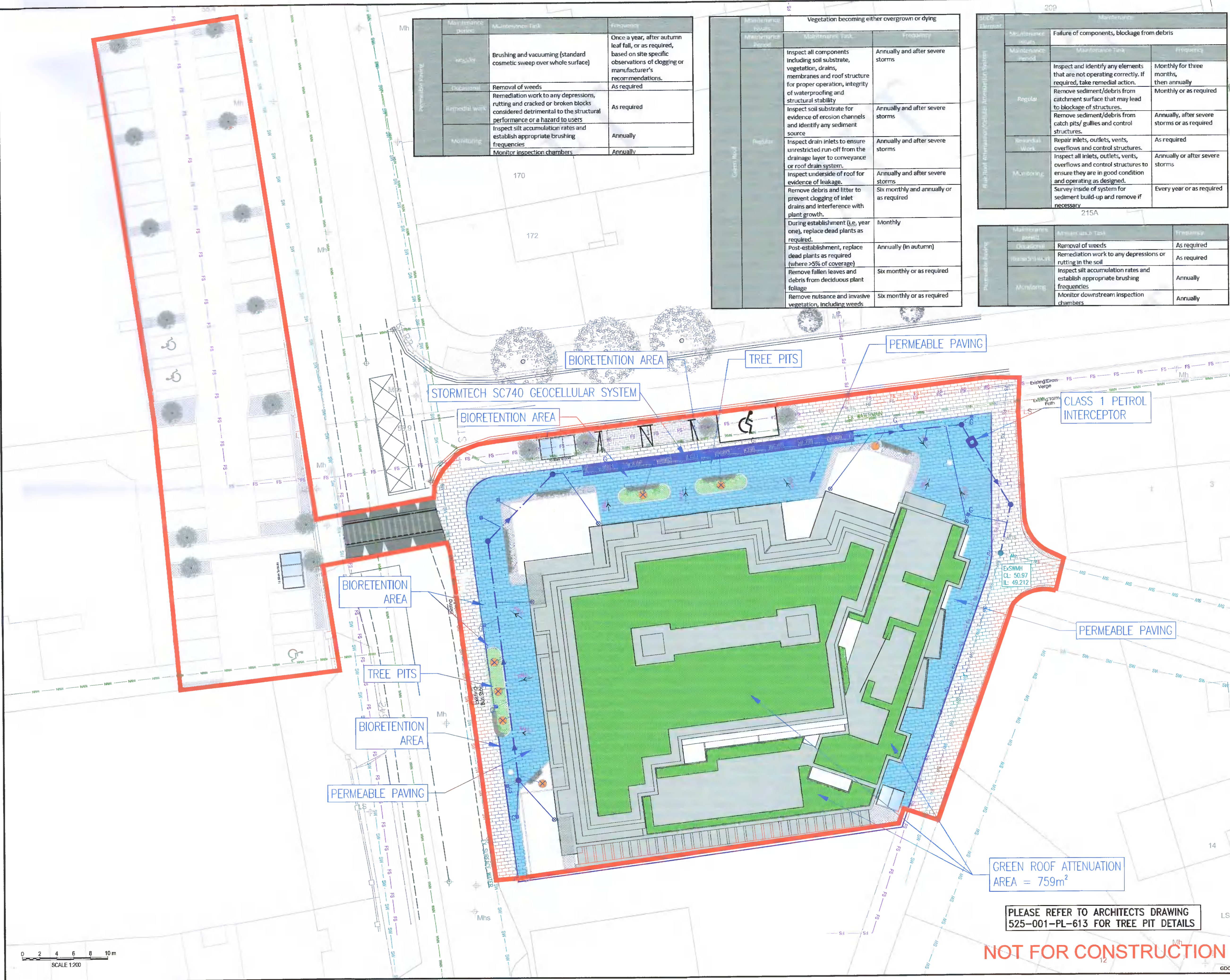
dm. by: SM	date: OCT'20	scale: 1:200
drawing size: A1	chk: SJ	app: GD
job no: P-2012	dra. no: P-2012-C-105	rev: P1

Maintenance Period	Maintenance Task	Frequency
Permeable Paving	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.
Disposal	Removal of weeds	As required
Ritmedial 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
Maintenance	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Monitor inspection chambers	Annually

Maintenance Period	Maintenance Task	Frequency
Regular	Inspect all components including soil substrate, vegetation, drains, membranes and roof structure for proper operation, integrity of waterproofing and structural stability	Annually and after severe storms
	Inspect soil substrate for evidence of erosion channels and identify any sediment source	Annually and after severe storms
	Inspect drain inlets to ensure unrestricted run-off from the drainage layer to conveyance or roof drain system	Annually and after severe storms
	Inspect underside of roof for evidence of leakage	Annually and after severe storms
	Remove debris and litter to prevent clogging of inlet drains and interference with plant growth	Six monthly and annually or as required
	During establishment (i.e. year one), replace dead plants as required	Monthly
	Post-establishment, replace dead plants as required (where >5% of coverage)	Annually (in autumn)
	Remove fallen leaves and debris from deciduous plant foliage	Six monthly or as required
	Remove nuisance and invasive vegetation, including weeds	Six monthly or as required

Maintenance Period	Maintenance Task	Frequency
Initial	Failure of components, blockage from debris	As required
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
Rehabilitate	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 system for sediment build-up and remove if necessary	Every year or as required

Maintenance Period	Maintenance Task	Frequency
Disposal	Removal of weeds	As required
Rehabilitate	Remediation work to any depressions or rutting in the soil	As required
Monitoring	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Monitor downstream inspection chambers	Annually



PLEASE REFER TO ARCHITECTS DRAWING 525-001-PL-613 FOR TREE PIT DETAILS

NOT FOR CONSTRUCTION