



OPERATION AND MAINTENANCE SCHEDULE				
ELEMENT	OWNERSHIP	MAINTENANCE SCHEDULE	REQUIRED ACTION	TYPICAL FREQUENCY
SURFACE = FOUL WATER DRAIN & MANHOLES + PERFORATED PIPES	PRIVATE	REGULAR MAINTENANCE	INSPECT AND IDENTIFY AREAS THAT ARE NOT OPERATING CORRECTLY. IF REQUIRED TAKE REMEDIAL ACTION	MONTHLY FOR 3 MONTHS THEN ANNUALLY
		OCCASIONAL MAINTENANCE	SURVEY PIPES TO CHECK FOR SEDIMENT BUILD UP. REMOVE SEDIMENT IF NECESSARY.	EVERY 5 YEARS OR AS REQUIRED
		REMEDIAL ACTIONS	REPAIR PHYSICAL DAMAGE IF REQUIRED.	AS REQUIRED
HYDRO-BRAKE FLOW CONTROL	PRIVATE	REGULAR MAINTENANCE	INSPECT AND REMOVE SILT ACCUMULATION. ESTABLISH SILT REMOVAL FREQUENCIES.	MONTHLY FOR 3 MONTHS THEN ANNUALLY
		OCCASIONAL MAINTENANCE	REMOVE SILT WHEN 100mm DEEP IN CHAMBER BASE	EVERY 2 YEARS OR AS REQUIRED
		REMEDIAL ACTIONS	REPAIR PHYSICAL DAMAGE IF REQUIRED.	AS REQUIRED
PERMEABLE SURFACING	PRIVATE	REGULAR MAINTENANCE	BRUSHING AND VACUUMING (STANDARD COSMETIC SWEEP OVER WHOLE SURFACE)	ONCE A YEAR, AFTER AUTUMN LEAF FALL, OR REDUCED FREQUENCY AS REQUIRED. BASED ON SITE-SPECIFIC OBSERVATIONS OF CLOGGING OR MANUFACTURER'S RECOMMENDATIONS - PAY PARTICULAR ATTENTION TO AREAS WHERE WATER RUNS ONTO PERVIOUS SURFACE FROM ADJACENT IMPERMEABLE AREAS AS THIS AREA IS MOST LIKELY TO COLLECT THE MOST SEDIMENT
		OCCASIONAL MAINTENANCE	STABILISE AND MOW CONTRIBUTING AND ADJACENT AREAS	AS REQUIRED
			REMOVAL OF WEEDS OR MANAGEMENT USING GLYPHOSATE APPLIED DIRECTLY INTO THE WEEDS BY AN APPLICATION RATHER THAN SPRAYING	AS REQUIRED ONCE PER YEAR ON LESS FREQUENTLY USED PAVEMENTS.
		REMEDIAL ACTIONS	REMEDiate ANY LANDSCAPING WHICH, THROUGH VEGETATION MAINTENANCE OR SOIL SLIP, HAS BEEN RAISED TO WITHIN 50MM OF THE LEVEL OF THE PAVING	AS REQUIRED
			REMEDiate WORK TO ANY DEPRESSIONS, RUTTING AND CRACKED OR BROKEN BLOCKS CONSIDERED DETRIMENTAL TO THE STRUCTURAL PERFORMANCE OR A HAZARD TO USERS, AND REPLACE LOST JOINTING MATERIAL	AS REQUIRED
			REMOVAL OF WEEDS OR MANAGEMENT USING GLYPHOSATE APPLIED DIRECTLY INTO THE WEEDS BY AN APPLICATION RATHER THAN SPRAYING	EVERY 10 TO 15 YEARS OR AS REQUIRED (IF INFILTRATION PERFORMANCE IS REDUCED DUE TO SIGNIFICANT CLOGGING)
		MONITORING	INITIAL INSPECTION	MONTHLY FOR THREE MONTHS AFTER INSTALLATION
			INSPECT FOR EVIDENCE OF POOR OPERATION AND/OR WEED GROWTH - IF REQUIRED, TAKE REMEDIAL ACTION	THREE MONTHLY, 48H AFTER LARGE STORMS IN FIRST SIX MONTHS
			INSPECT SILT ACCUMULATION RATES AND ESTABLISH APPROPRIATE BRUSHING FREQUENCIES	ANNUALLY
			MONITOR INSPECTION CHAMBERS	ANNUALLY
		REGULAR MAINTENANCE	INSPECT AND IDENTIFY ANY AREAS THAT ARE NOT OPERATING CORRECTLY. IF REQUIRED, TAKE REMEDIAL ACTION	MONTHLY FOR 3 MONTHS THEN ANNUALLY
			REMOVE DEBRIS FROM THE CATCHMENT SURFACE (WHERE IT MAY CAUSE RISKS TO PERFORMANCE)	MONTHLY
			FOR SYSTEMS WHERE RAINFALL INFILTRATES INTO THE TANK FROM ABOVE, CHECK SURFACE OF FILTER FOR BLOCKAGE BY SEDIMENT, ALGAE OR OTHER MATTER, REMOVE AND REPLACE SURFACE INFILTRATION MEDIA AS NECESSARY.	ANNUALLY
			REMOVE SEDIMENT FROM PRE-TREATMENT STRUCTURES AND/OR INTERNAL FOREBAYS	ANNUALLY, OR AS REQUIRED
CELLULAR STORAGE	PRIVATE	REMEDIAL ACTIONS	REPAIR/REHABILITATE INLETS, OUTLET, OVERFLOWS AND VENTS.	AS REQUIRED
			INSPECT/CHECK ALL INLETS, OUTLETS, VENTS AND OVERFLOWS TO ENSURE THAT THEY ARE IN GOOD CONDITION AND OPERATING AS DESIGNED	ANNUALLY
			SURVEY INSIDE OF TANK FOR SEDIMENT BUILD-UP AND REMOVE IF NECESSARY	EVERY 5 YEARS OR AS REQUIRED
		MONITORING		
		REGULAR MAINTENANCE	CHECK OPERATION OF UNDERDRAINS BY INSPECTION OF FLOWS AFTER RAIN	ANNUALLY
			ASSESS PLANTS FOR DISEASE INFECTION, POOR GROWTH, INVASIVE SPECIES ETC AND REPLACE AS NECESSARY	QUARTERLY
			INSPECT INLETS AND OUTLETS FOR BLOCKAGE	QUARTERLY
		REGULAR MAINTENANCE	REMOVE LITTER AND SURFACE DEBRIS AND WEEDS	QUARTERLY (OR MORE FREQUENTLY FOR TIDINESS OR AESTHETIC)
			REPLACE ANY PLANTS, TO MAINTAIN PLANTING DENSITY	AS REQUIRED IN LATER SUMMER OR AUTUMN
			REPLACE SEDIMENT, LITTER AND DEBRIS BUILD-UP FROM AROUND INLETS OR FROM FOREBAYS	QUARTERLY TO BIANNUALLY
RAIN GARDEN	PRIVATE & PUBLIC	OCCASIONAL MAINTENANCE	INFILL ANY HOLES OR SCOUR IN THE FILTER MEDIUM, IMPROVE EROSION PROTECTION IF REQUIRED	AS REQUIRED
			REPLACE SEDIMENT, LITTER AND DEBRIS BUILD-UP FROM AROUND INLETS OR FROM FOREBAYS	AS REQUIRED
			REMOVE AND REPLACE FILTER MEDIUM AND VEGETATION ABOVE	AS REQUIRED BUT LIKELY TTO BE > 20 YEARS
		REGULAR INSPECTION		

NOTES

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT DOCUMENTATION, DRAWINGS AND STANDARD DETAILS.

2. THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY CANNOT BE RELIED ON

3. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.

4. REFERENCE SHOULD BE MADE TO ALL OTHER DESIGN DRAWINGS AND THE DESIGN RISK MANAGEMENT SCHEDULE FOR FURTHER HEALTH AND SAFETY INFORMATION NOT ALL RISKS ARE IDENTIFIED WITHIN THIS DRAWING.

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FOR ISSUE

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RO

P01

DATE

DESCRIPTION

DR

CHK

REV

FOR APPROVAL

RWO

Civil Structures Geoenvironmental

www.rwo.group

info@rwo.group

0330 0566900

NEWCASTLE

LEEDS

LONDON

STOKESLEY

CLIENT:

CASTLE

INNOVATION | EFFICIENCY | HONESTY | PRIDE

PROJECT:

SOUTH TYNESIDE COLLEGE

TITLE:

DRAINAGE AND SUDS MAINTENANCE PLAN

PROJECT No:

24185

DISCIPLINE:

CIVIL

SCALE:

1:250 @:A1

DRAWING No:

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REV:

P01

Project - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Number