KEY

LOCATION PLAN

NOTES

REV	DESCRIPTION	DE	DR	OH	DATE
P03	AMENDED SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P02	AMENDED TO SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P01	AMENDED TO SUIT WH APPARATUS PLAN	-	A.H.	-	18.02.25

DESIGNED BY	DRAWN BY	CHECKED BY
-	A.H.	-

SCALE @ A1 SIZE	DATE
D.N.S.	FEBRUARY 2025

PROJECT TITLE

LANWADES WOODLAND PARK

DRAWING TITLE

CATCHMENT PLAN - FULL (SHEET 2)

CLIENT

LOCHAILORT KENTFORD Ltd

cannon CONSULTING ENGINEERS
Cambridge House, Lanwades Business Park, Kentford, Newmarket, CB8 7PN
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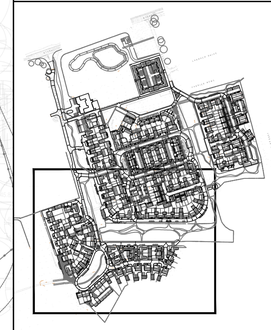
DRAWING NUMBER	REV.
ZF261 - PL - SK - 324	P03

M:\ZF261 Farmer AHT - Kentford\3 PLANS\DRAWINGS\CURRENT DRGS\ZF261 - PL - SK - 323 to 326 - Catchment Plan

KEY

LOCATION PLAN



NOTES

REV	DESCRIPTION	DE	DR	OH	DATE
P04	AMENDED TO SUIT REVISED LAYOUT	-	D.L.	-	MAY 25
P03	AMENDED SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P02	AMENDED TO SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P01	AMENDED TO SUIT WH APPARATUS PLAN	-	A.H.	-	18.02.25

DESIGNED BY	DRAWN BY	CHECKED BY
-	A.H.	-

SCALE @ A1 SIZE	DATE
D.N.S.	FEBRUARY 2025

PROJECT TITLE

LANWADES WOODLAND PARK

DRAWING TITLE

CATCHMENT PLAN - FULL (SHEET 3)

CLIENT

LOCHAILORT KENTFORD Ltd

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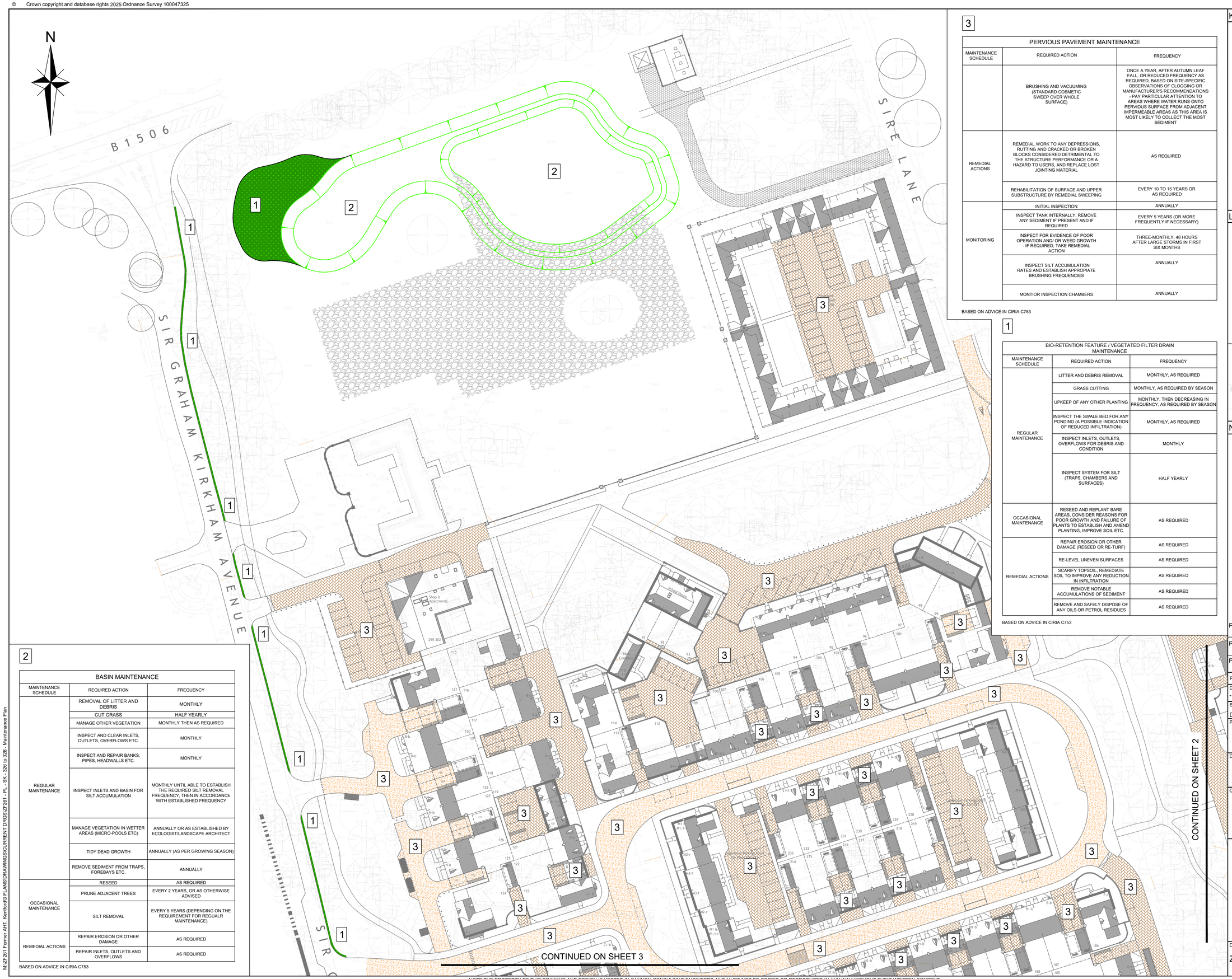
DRAWING NUMBER: ZF261 - PL - SK - 325

REV.: P04

M:\ZF261 Farmer AHT, Kentford\3 PLANS\DRAWINGS\CURRENT DRGS\ZF261 - PL - SK - 323 to 325 - Catchment Plan



3

PERVIOUS PAVEMENT MAINTENANCE		
MAINTENANCE SCHEDULE	REQUIRED ACTION	FREQUENCY
	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
REMEDIAL ACTIONS	REMEDIAL WORK TO ANY DEPRESSIONS, RUTTING AND CRACKED OR BROKEN BLOCKS CONSIDERED DETRIMENTAL TO THE STRUCTURE PERFORMANCE OR A HAZARD TO USERS, AND REPLACE LOST JOINTING MATERIAL	AS REQUIRED
	REHABILITATION OF SURFACE AND UPPER SUBSTRUCTURE BY REMEDIAL SWEEPING	EVERY 10 TO 15 YEARS OR AS REQUIRED
MONITORING	INITIAL INSPECTION	ANNUALLY
	INSPECT TANK INTERNALLY, REMOVE ANY SEDIMENT IF PRESENT AND IF REQUIRED	EVERY 5 YEARS (OR MORE FREQUENTLY IF NECESSARY)
	INSPECT FOR EVIDENCE OF POOR OPERATION AND/ OR WEED GROWTH - IF REQUIRED, TAKE REMEDIAL ACTION	THREE-MONTHLY, 48 HOURS AFTER LARGE STORMS IN FIRST SIX MONTHS
	INSPECT SILT ACCUMULATION RATES AND ESTABLISH APPROPRIATE BRUSHING FREQUENCIES	ANNUALLY
	MONTIOR INSPECTION CHAMBERS	ANNUALLY

BASED ON ADVICE IN CIRIA C753

1

BIO-RETENTION FEATURE / VEGETATED FILTER DRAIN MAINTENANCE		
MAINTENANCE SCHEDULE	REQUIRED ACTION	FREQUENCY
REGULAR MAINTENANCE	LITTER AND DEBRIS REMOVAL	MONTHLY, AS REQUIRED
	GRASS CUTTING	MONTHLY, AS REQUIRED BY SEASON
	UPKEEP OF ANY OTHER PLANTING	MONTHLY, THEN DECREASING IN FREQUENCY, AS REQUIRED BY SEASON
	INSPECT THE SWALE BED FOR ANY PONDING (A POSSIBLE INDICATION OF REDUCED INFILTRATION)	MONTHLY, AS REQUIRED
	INSPECT INLETS, OUTLETS, OVERFLOWS FOR DEBRIS AND CONDITION	MONTHLY
	INSPECT SYSTEM FOR SILT (TRAPS, CHAMBERS AND SURFACES)	HALF YEARLY
OCCASIONAL MAINTENANCE	RESEED AND REPLANT BARE AREAS, CONSIDER REASONS FOR POOR GROWTH AND FAILURE OF PLANTS TO ESTABLISH AND AMEND PLANTING, IMPROVE SOIL ETC.	AS REQUIRED
REMEDIAL ACTIONS	REPAIR EROSION OR OTHER DAMAGE (RESEED OR RE-TURF)	AS REQUIRED
	RE-LEVEL UNEVEN SURFACES	AS REQUIRED
	SCARIFY TOPSOIL, REMEDIATE SOIL TO IMPROVE ANY REDUCTION IN INFILTRATION	AS REQUIRED
	REMOVE NOTABLE ACCUMULATIONS OF SEDIMENT	AS REQUIRED
	REMOVE AND SAFELY DISPOSE OF ANY OILS OR PETROL RESIDUES	AS REQUIRED

BASED ON ADVICE IN CIRIA C753

2

BASIN MAINTENANCE		
MAINTENANCE SCHEDULE	REQUIRED ACTION	FREQUENCY
REGULAR MAINTENANCE	REMOVAL OF LITTER AND DEBRIS	MONTHLY
	CUT GRASS	HALF YEARLY
	MANAGE OTHER VEGETATION	MONTHLY THEN AS REQUIRED
	INSPECT AND CLEAR INLETS, OUTLETS, OVERFLOWS ETC.	MONTHLY
	INSPECT AND REPAIR BANKS, PIPES, HEADWALLS ETC.	MONTHLY
	INSPECT INLETS AND BASIN FOR SILT ACCUMULATION	MONTHLY UNTIL ABLE TO ESTABLISH THE REQUIRED SILT REMOVAL FREQUENCY, THEN IN ACCORDANCE WITH ESTABLISHED FREQUENCY
	MANAGE VEGETATION IN WETTER AREAS (MICRO-POOLS ETC)	ANNUALLY OR AS ESTABLISHED BY ECOLOGIST/LANDSCAPE ARCHITECT
	TIDY DEAD GROWTH	ANNUALLY (AS PER GROWING SEASON)
	REMOVE SEDIMENT FROM TRAPS, FOREBAYS ETC.	ANNUALLY
OCCASIONAL MAINTENANCE	RESEED	AS REQUIRED
	PRUNE ADJACENT TREES	EVERY 2 YEARS, OR AS OTHERWISE ADVISED
	SILT REMOVAL	EVERY 5 YEARS (DEPENDING ON THE REQUIREMENT FOR REGUALR MAINTENANCE)
REMEDIAL ACTIONS	REPAIR EROSION OR OTHER DAMAGE	AS REQUIRED
	REPAIR INLETS, OUTLETS AND OVERFLOWS	AS REQUIRED

BASED ON ADVICE IN CIRIA C753

KEY

- PERMEABLE PAVING
- PERMEABLE ASPHALT
- INFILTRATION BASIN
- INFILTRATION BLANKET
- LINEAR SuDS FILTER
- FILTER STRIP

LOCATION PLAN

NOTES

REV	DESCRIPTION	DE	DR	OH	DATE
P03	AMENDED SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P02	AMENDED TO SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P01	AMENDED TO SUIT WH APPARATUS PLAN	-	A.H.	-	18.02.25

DESIGNED BY	DRAWN BY	CHECKED BY
-	A.H.	-

SCALE @ A1 SIZE	DATE
D.N.S.	FEBRUARY 2025

PROJECT TITLE

LANWADES WOODLAND PARK

DRAWING TITLE

MAINTENANCE PLAN - FULL (SHEET 1)

CLIENT

LOCHAILORT KENTFORD Ltd

cannon CONSULTING ENGINEERS
Cambridge House, Lanwades Business Park, Kentford, Newmarket, CB8 7PN
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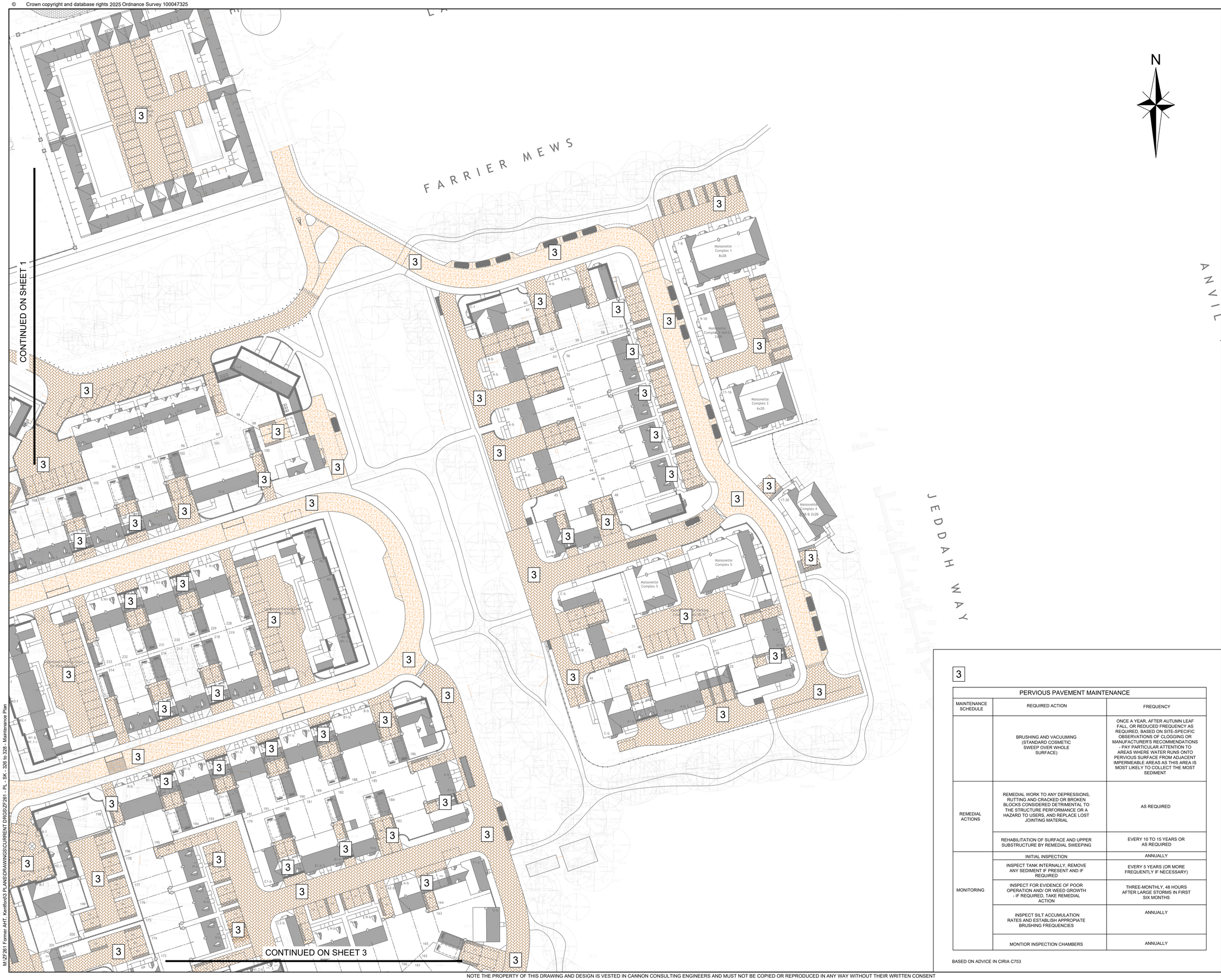
DRAWING NUMBER: ZF261 - PL - SK - 326

REV.: P03

M:\ZF261 Former AHT, Kentford\3 PLANS\DRAWINGS\CURRENT DRGS\ZF261 - PL - SK - 326 to 328 - Maintenance Plan



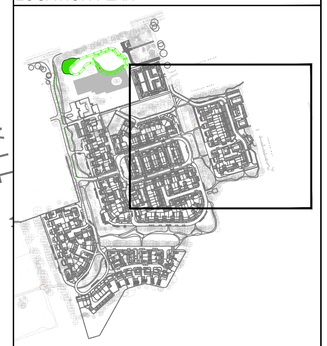
N

KEY

PERMEABLE PAVING

PERMEABLE ASPHALT

LOCATION PLAN



NOTES

3

PERVIOUS PAVEMENT MAINTENANCE		
MAINTENANCE SCHEDULE	REQUIRED ACTION	FREQUENCY
	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
REMEDIAL ACTIONS	REMEDIAL WORK TO ANY DEPRESSIONS, RUTTING AND CRACKED OR BROKEN BLOCKS CONSIDERED DETRIMENTAL TO THE STRUCTURE PERFORMANCE OR A HAZARD TO USERS, AND REPLACE LOST JOINTING MATERIAL	AS REQUIRED
	REHABILITATION OF SURFACE AND UPPER SUBSTRUCTURE BY REMEDIAL SWEEPING	EVERY 10 TO 15 YEARS OR AS REQUIRED
MONITORING	INITIAL INSPECTION	ANNUALLY
	INSPECT TANK INTERNALLY, REMOVE ANY SEDIMENT IF PRESENT AND IF REQUIRED	EVERY 5 YEARS (OR MORE FREQUENTLY IF NECESSARY)
	INSPECT FOR EVIDENCE OF POOR OPERATION AND/ OR WEED GROWTH - IF REQUIRED, TAKE REMEDIAL ACTION	THREE-MONTHLY, 48 HOURS AFTER LARGE STORMS IN FIRST SIX MONTHS
	INSPECT SILT ACCUMULATION RATES AND ESTABLISH APPROPIATE BRUSHING FREQUENCIES	ANNUALLY
	MONTIOR INSPECTION CHAMBERS	ANNUALLY

BASED ON ADVICE IN CIRIA C753

REV	DESCRIPTION	DE	DR	CH	DATE
P03	AMENDED SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P02	AMENDED TO SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P01	AMENDED TO SUIT WH APPARATUS PLAN	-	A.H.	-	18.02.25

DESIGNED BY	DRAWN BY	CHECKED BY
-	A.H.	-

SCALE @ A1 SIZE	DATE
D.N.S.	FEBRUARY 2025

PROJECT TITLE

LANWADES WOODLAND PARK

DRAWING TITLE

MAINTENANCE PLAN - FULL (SHEET 2)

CLIENT

LOCHAILORT KENTFORD Ltd

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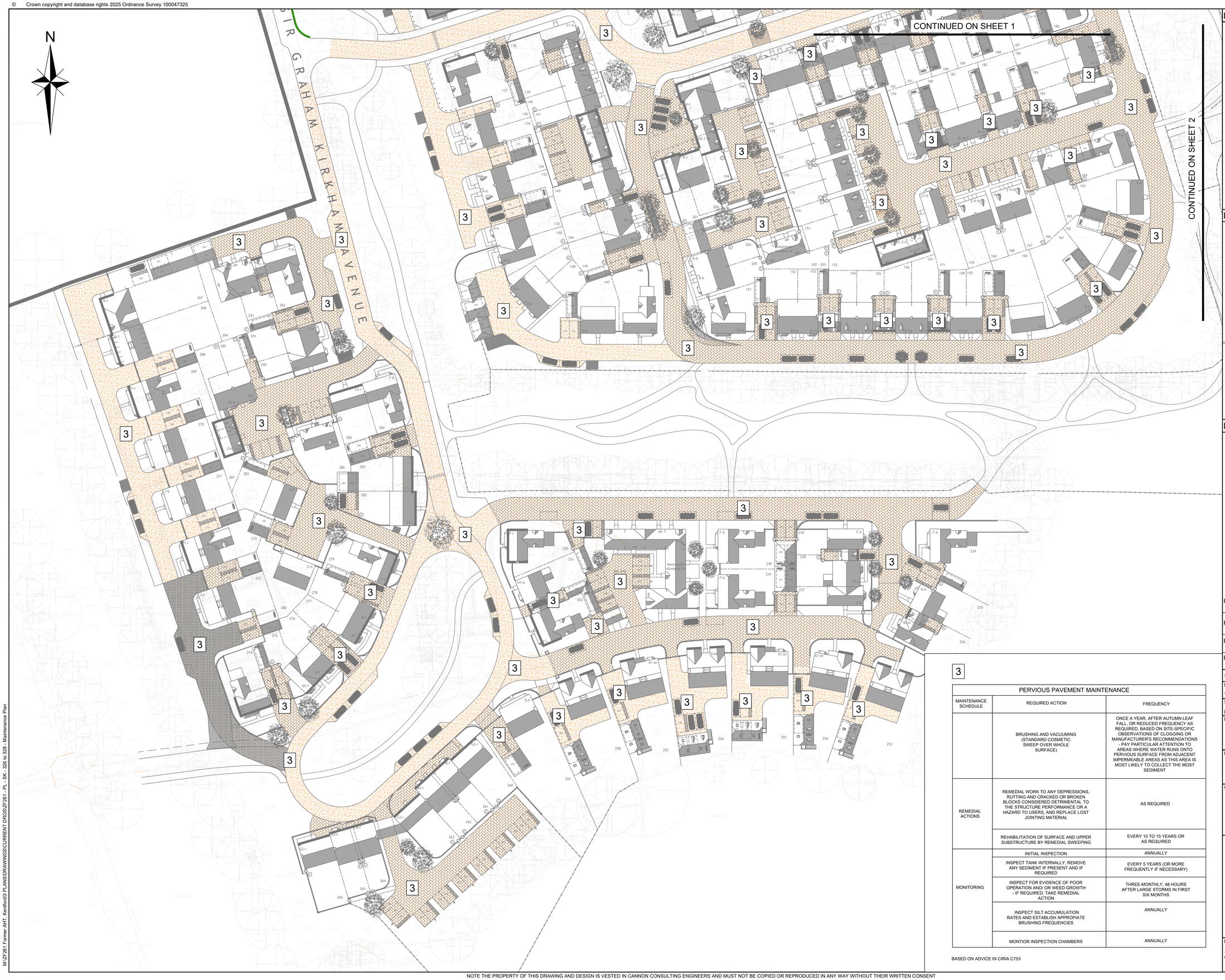
DRAWING NUMBER	REV.
ZF261 - PL - SK - 327	P03

M:\ZF261 Former AHT, Kentford\3 PLANS\DRAWINGS\CURRENT DRGS\ZF261 - PL - SK - 326 to 328 - Maintenance Plan



KEY

- PERMEABLE PAVING
- PERMEABLE ASPHALT

LOCATION PLAN

NOTES

3

PERVIOUS PAVEMENT MAINTENANCE		
MAINTENANCE SCHEDULE	REQUIRED ACTION	FREQUENCY
	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
REMEDIAL ACTIONS	REMEDIAL WORK TO ANY DEPRESSIONS, RUTTING AND CRACKED OR BROKEN BLOCKS CONSIDERED DETRIMENTAL TO THE STRUCTURE PERFORMANCE OR A HAZARD TO USERS, AND REPLACE LOST JOINTING MATERIAL	AS REQUIRED
	REHABILITATION OF SURFACE AND UPPER SUBSTRUCTURE BY REMEDIAL SWEEPING	EVERY 10 TO 15 YEARS OR AS REQUIRED
MONITORING	INITIAL INSPECTION	ANNUALLY
	INSPECT TANK INTERNALLY, REMOVE ANY SEDIMENT IF PRESENT AND IF REQUIRED	EVERY 5 YEARS (OR MORE FREQUENTLY IF NECESSARY)
	INSPECT FOR EVIDENCE OF POOR OPERATION AND/ OR WEED GROWTH - IF REQUIRED, TAKE REMEDIAL ACTION	THREE-MONTHLY, 48 HOURS AFTER LARGE STORMS IN FIRST SIX MONTHS
	INSPECT SILT ACCUMULATION RATES AND ESTABLISH APPROPIATE BRUSHING FREQUENCIES	ANNUALLY
	MONTIOR INSPECTION CHAMBERS	ANNUALLY

BASED ON ADVICE IN CIRIA C753

REV	DESCRIPTION	DE	DR	GH	DATE
P04	AMENDED TO SUIT REVISED LAYOUT	-	D.L.	-	MAY 25
P03	AMENDED SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P02	AMENDED TO SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P01	AMENDED TO SUIT WH APPARATUS PLAN	-	A.H.	-	18.02.25

DESIGNED BY	DRAWN BY	CHECKED BY
-	A.H.	-

SCALE @ A1 SIZE	DATE
D.N.S.	FEBRUARY 2025

PROJECT TITLE

LANWADES WOODLAND PARK

DRAWING TITLE

MAINTENANCE PLAN - FULL (SHEET 3)

CLIENT

LOCHAILORT KENTFORD Ltd

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DRAWING NUMBER	REV.
ZF261 - PL - SK - 328	P04

M:\ZF261 Former AHT Kentford\3 PLANS\DRAWINGS\CURRENT DRGS\ZF261 - PL - SK - 328 to 328 - Maintenance Plan

KEY

- EXCEEDANCE FLOW ROUTE
- SURFACE WATER MANHOLE
- DRAINAGE RILL

LOCATION PLAN

NOTES

REV	DESCRIPTION	DE	DR	GH	DATE
P03	AMENDED SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P02	AMENDED TO SUIT REVISED LAYOUT	-	A.H.	-	FEB 25
P01	AMENDED TO SUIT WH APPARATUS PLAN	-	A.H.	-	18.02.25

DESIGNED BY	DRAWN BY	CHECKED BY
-	A.H.	-

SCALE @ A1 SIZE	DATE
D.N.S.	FEBRUARY 2025

PROJECT TITLE

LANWADES WOODLAND PARK

DRAWING TITLE

CONTOURS AND EXCEEDANCE FLOW ROUTES - FULL (SHEET 1)

CLIENT

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DRAWING NUMBER: ZF261 - PL - SK - 330

REV.: P03

M:\ZF261 Farrier AHT, Kentford\3 PLANS\DRAWINGS\CURRENT DRGS\ZF261 - PL - SK - 330 to 332 - Contours and Exceedance Flow Plan