977/UXB/SR/0511

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Block 1
Nolan Associates Design
2590m²
13.4 lts/sec

Overall Strategy Design
Area 3
5468m²
15 lts/sec

Review
Nolan Associates discharge rate for Block 1 is less than the overall strategy design therefore complies

Block 2
Nolan Associates Design
1760m²
5 lts/sec

Overall Strategy Design
Area 4
5140m²
15 lts/sec

Review
Nolan Associates discharge rate for Block 2 is less than the overall strategy design therefore complies

Block 3
Nolan Associates Design
5490m²
15 lts/sec

Overall Strategy Design
Area 5
9760m²
30 lts/sec

Review
Nolan Associates discharge rate for Block 3 is less than the overall strategy design therefore complies

KEY

OUTLINE PLANNING APPLICATION BOUNDARY

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1120m² (AREA 1)
{ PN1.000 & PN1.001 }

AREA 2 = IMP AREA 2040m²
Discharge Rate = 10l/s
Storage = 67m³ (100yr + 30%)
Permeable Paving/Cellular Storage
{ PN2.000 & PN2.001 }

AREA A = IMP AREA 1380m²
Discharge Rate = 5l/s
Storage = 46m³ (100yr + 30%)
SWALE { PN3.000 & PN3.001 }

AREA 3 = IMP AREA 5468m²
Discharge Rate = 15l/s
Storage = 225m³ (100yr + 30%)
Permeable Paving/Cellular Storage
{ PN4.000 & PN4.001 }

AREA B = IMP AREA 590m²
Discharge Rate = 5l/s
Storage = 36m3 (100yr + 30%)
SWALE { PN13.000 & PN13.001 }

AREA 4 = IMP AREA 5140m²
Discharge Rate = 15l/s
Storage = 205m³ (100yr + 30%)
Permeable Paving/Cellular Storage
{ PN14.000 & PN14.001 }

AREA C = IMP AREA 661m²
Discharge Rate = 5l/s
Storage = 24m³ (100yr + 30%)
SWALE { PN13.003 }

AREA D = IMP AREA 936m²
Discharge Rate = 5l/s
Storage = 32m³ (100yr + 30%)
SWALE { PN13.004 }

AREA 5 = IMP AREA 9760m²
Discharge Rate = 30l/s
Storage = 375m³ (100yr + 30%)
Permeable Paving/Cellular Storage
{ PN15.000 & PN15.001 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 410m² (AREA 6)
{ PN6.010 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 2480m² (AREA 7)
{ PN8.011 & PN17.000 & PN18.000 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1500m² (AREA 8)
{ PN1.005 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 830m² (AREA 9)
{ PN1.006 }

AREA 10 = IMP AREA 3440m²
Discharge Rate = 10l/s
Storage = 130m³ (100yr + 30%)
Permeable Paving/Cellular Storage
{ PN5.000 & PN5.001 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 630m² (AREA 11)
{ PN1.007 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 560m² (AREA 12)
{ PN6.000 }

AREA 13 = IMP AREA 7480m²
Discharge Rate = 10l/s
Storage = 210m³ (100yr + 30%)
Permeable Paving/Cellular Storage
(PN8.002 & PN8.003 & PN8.004 & PN8.000 & PN10.000 & PN10.001 & PN10.002)

AREA 14 = IMP AREA 5740m²
Discharge Rate = 50l/s
Storage = 100m³ (100yr + 30%)
Permeable Paving/Cellular Storage
(PN6.005 & PN6.007 & PN11.000 &PN11.001 & PN12.000 & PN12.001 & PN16.000)

DRAINAGE INTO PIPE SYSTEM
IMP AREA 2860m² (AREA 15)
{ PN 23.000 & PN23.001 & PN24.000 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1290m² (AREA 16)
{ PN 23.002 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 333m² (AREA 17)
{ PN 19.000 }

AREA 18 = IMP AREA 5340m²
Discharge Rate = 10l/s
Storage = 112m³ (100yr + 30%)
Permeable Paving/Cellular Storage
{ PN19.001 & PN20.000 & PN20.001 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 3270m² (AREA 19)
{ PN 21.000 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 5700m² (AREA 20)
{ PN 22.000 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 530m² (AREA 21)
{ PN 6.012 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1000m² (AREA 22)
{ PN 25.000 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1300m² (AREA 23)
{ PN 25.001 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1352m² (AREA 24)
{ PN 25.002 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 1271m² (AREA 25)
{ PN 25.003 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 770m² (AREA 26)
{ PN 25.004 }

DRAINAGE INTO PIPE SYSTEM
IMP AREA 4164m² (AREA 27)
{ PN 26.000 }

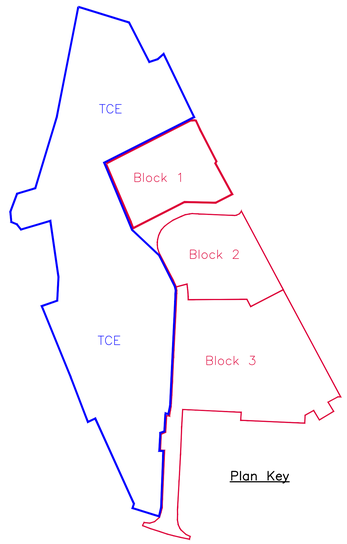
DRAINAGE INTO PIPE SYSTEM
IMP AREA 2880m² (AREA 28)
IMP AREA 1729m² (AREA 28A)
{ PN 27.000 }

Drainage discharge location

Catchment and Run-off Table

	Atkins Catchment Area 2	3	4	5
TCW Block 1		13.4		
TCW Block 2			5	
TCW Block 3				15
TCE Outfall 1	2.8			
TCE Outfall 2				4.8
Total discharge	2.8	13.4	5	19.8
Permitted	10	15	15	30

All discharge rates in lts/sec



Plan Key

NOLAN ASSOCIATES

PRELIMINARY DRAWING

NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	BY	CHKD	DATE
P1	Preliminary issue	MH	KAP	02.09.25

Uxbridge Restart Works

Area Overlay

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Drawn by	Date	Plot Date	Scale
MH	01.09.25	02.09.25	1:500@A1
Checked by	Project No		Dwg No
KAP	2025-103		101 P1