

ECMWF: Proposed SW Drainage Network Car Park + Eastern Road Catchment	Date: 07/08/2025			
	Designed by: COB	Checked by: LJ	Approved By: CHF	
Report Details: Type: Inflows Storm Phase: Catchment 4 (Car Park and Eastern	Company: BDP			



EAR - Soft 1

Type : Catchment Area

Area (ha)	0.003
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



EAR - Soft 2

Type : Catchment Area

Area (ha)	0.008
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



EAR - Soft 3

Type : Catchment Area

Area (ha)	0.003
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



EAR - Soft 4

Type : Catchment Area

Area (ha)	0.005
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30

ECMWF: Proposed SW Drainage Network Car Park + Eastern Road Catchment	Date: 07/08/2025		
	Designed by: COB	Checked by: LJ	Approved By: CHF
Report Details: Type: Inflows Storm Phase: Catchment 4 (Car Park and Eastern	Company: BDP		





EAR - Soft 5

Type : Catchment Area

Area (ha)	0.005
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



EAR - Soft 6

Type : Catchment Area

Area (ha)	0.002
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



Catchment Area

Type : Catchment Area

Area (ha)	0.014
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



Catchment Area (1)

Type : Catchment Area

Area (ha)	0.019
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	95

ECMWF: Proposed SW Drainage Network Car Park + Eastern Road Catchment	Date: 07/08/2025		
	Designed by: COB	Checked by: LJ	Approved By: CHF
Report Details: Type: Inflows Storm Phase: Catchment 4 (Car Park and Easten	Company: BDP		





SL 1.0

Type : Catchment Area

Area (ha)	0.043
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	30



HS 17

Type : Catchment Area

Area (ha)	0.016
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	95



SA.09 - DA (2)

Type : Catchment Area

Area (ha)	0.015
-----------	-------

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration (mins)	5
Percentage Impervious (%)	95

ECMWF: Proposed SW Drainage Network Car Park + Eastern Road Catchment	Date: 07/08/2025			
	Designed by: COB	Checked by: LJ	Approved By: CHF	
Report Details: Type: Inflows Storm Phase: Catchment 4 (Car Park and Easten	Company: BDP			



Base Flow

Type : Base Flow

Flow (L/s)

1.0

ECMWF: Proposed SW Drainage Network Car Park + Eastern Road Catchment	Date: 07/08/2025		
	Designed by: COB	Checked by: LJ	Approved By: CHF
Report Details: Type: Junctions Storm Phase: Catchment 4 (Car Park and Eastern Road)	Company: BDP		



Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SWMH25	Inlet	HS.22	(None)	No Restriction
SWMH26	Inlet	S12.000 HS.20	(None)	No Restriction
SWMH27	Inlet	S12.001 S13.000	(None)	No Restriction
SWMH28	Inlet	HS.21	(None)	No Restriction
SW.03	Inlet	S12.002 S14.001 HS.17	(None)	No Restriction
SW.26	Inlet	S11.000 HS 17 HS.02	(None)	No Restriction
SW.01	Inlet	HS.23 Catchment Area (1) SL 1.0	(None)	No Restriction
SW.02	Inlet	S14.000 HS.19	(None)	No Restriction
SW.31	Inlet (1)	S3.013 S18.001	(None)	No Restriction
SW.24	Inlet	S11.001 Pipe	(None)	No Restriction
	Inlet (1)	S12.003	(None)	No Restriction
SW.27	Inlet	S3.001	(None)	No Restriction
SW.28	Inlet	S3.005	(None)	No Restriction
SW.29	Inlet	S3.010 S11.002	(None)	No Restriction
SW.30	Inlet	S3.011 S15.003	(None)	No Restriction
SWMH33	Inlet	S15.000	(None)	No Restriction
SWMH34	Inlet	S15.001 S16.000	(None)	No Restriction
SWMH35	Inlet	S15.002	(None)	No Restriction
	Inlet (1)	S17.000	(None)	No Restriction
SWMH12	Inlet	S3.000	(None)	No Restriction
SWMH14	Inlet	S3.002	(None)	No Restriction
	Inlet (1)	S4.000	(None)	No Restriction
SWMH15	Inlet	S3.003 S5.000	(None)	No Restriction
SWMH18	Inlet	S3.006 S7.000	(None)	No Restriction
SWMH19	Inlet	S3.007 S8.000	(None)	No Restriction
SWMH20	Inlet	S3.008 S9.000	(None)	No Restriction
SWMH21	Inlet	S3.009 S10.000	(None)	No Restriction
SWMH37	Inlet	S18.000	(None)	No Restriction
SWMH16	Inlet	S3.004 S6.000	(None)	No Restriction
SW.33	Inlet	Base Flow SA.01 - DA	(None)	No Restriction
SW.34	Inlet	S1.000 Catchment Area SA.02 - DA SA.03 - DA	(None)	No Restriction

ECMWF: Proposed SW Drainage Network Car Park + Eastern Road Catchment	Date: 07/08/2025		
	Designed by: COB	Checked by: LJ	Approved By: CHF
Report Details: Type: Junctions Storm Phase: Catchment 4 (Car Park and Eastern Road)	Company: BDP		



Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SW.35	Inlet	S1.001 SA.04 - DA	(None)	No Restriction
SW.36	Inlet	S1.002 SA.05 - DA EAR - Soft 1	(None)	No Restriction
SW.37	Inlet	S1.003 SA.06 - DA EAR - Soft 2	(None)	No Restriction
SW.38	Inlet	S1.004 SA.07 - DA EAR - Soft 3 EAR - Soft 4	(None)	No Restriction
SW.39	Inlet	S1.005 SA.08 - DA EAR - Soft 5	(None)	No Restriction
Simple Junction	Inlet	S1.010 (1)	(None)	No Restriction
SW.43	Inlet	S3.015 S1.008	(None)	No Restriction
SW.32	Inlet	S3.014	(None)	No Restriction
SW.41	Inlet	S1.007 S2.000	(None)	No Restriction
BYPASS S	Inlet	S1.009	(None)	No Restriction
SW.40	Inlet	S1.006 SA.09 - DA EAR - Soft 6	(None)	No Restriction
SW.41 (1)	Inlet	SA.10 - DA SA.09 - DA (2)	(None)	No Restriction
SW.44	Inlet	S1.010	(None)	No Restriction