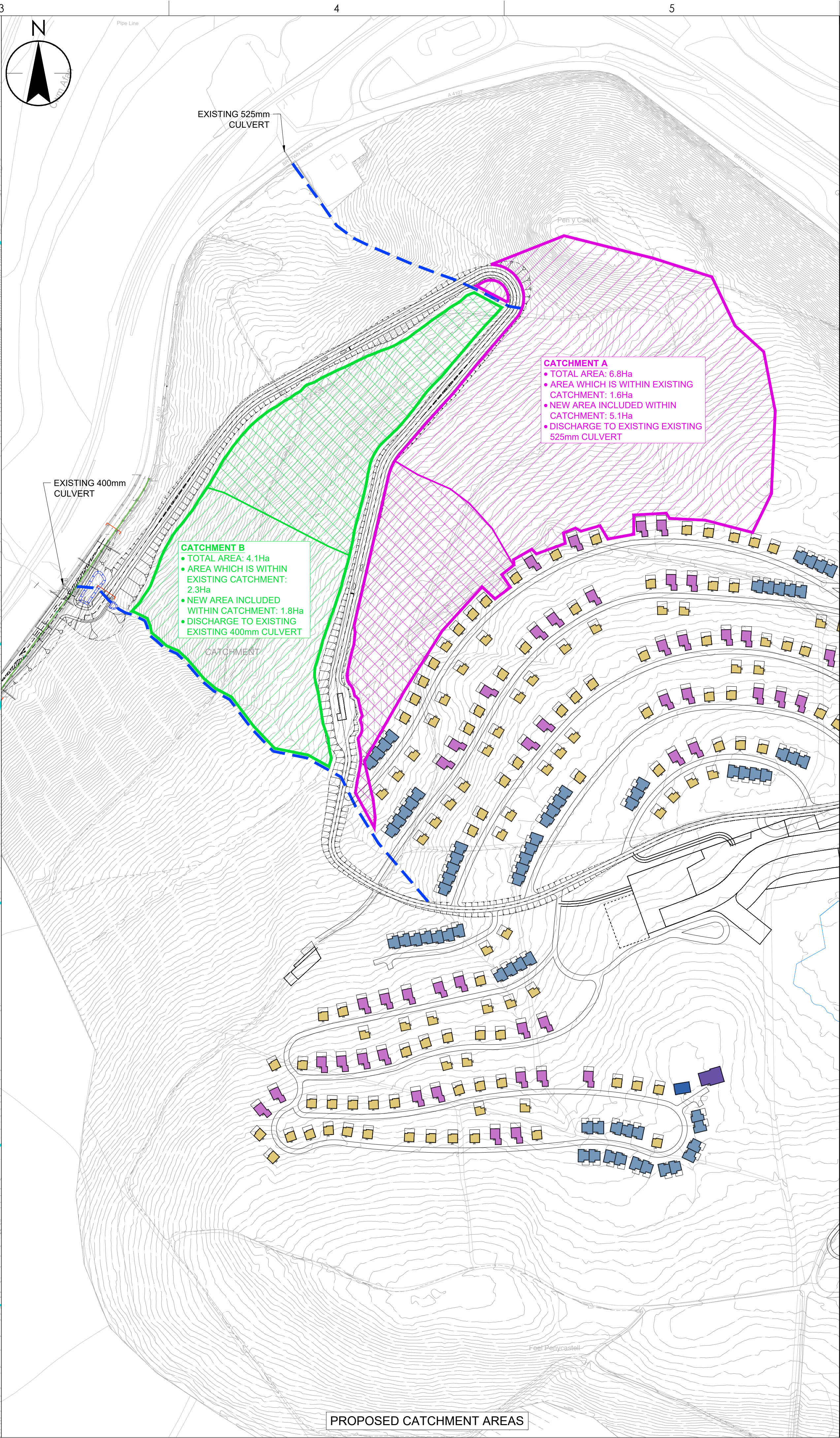
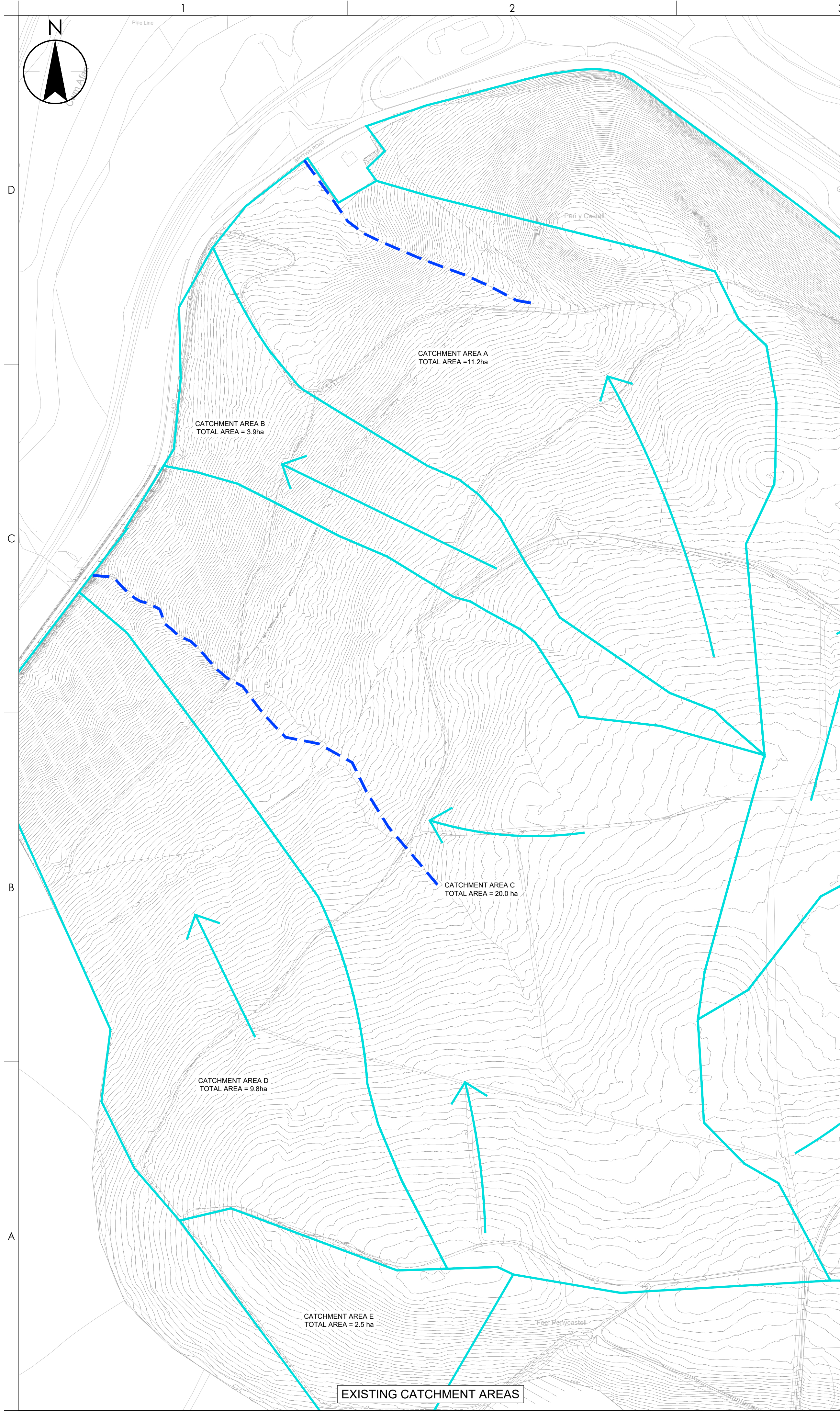


APPENDIX F WESTERN SPINE ROAD

- Stantec Drawings AV-STN-HDG-SR-DR-CD-0511 and AV-STN-HDG-SR-DR-CD-0512

Plotted: 17/08/2022 09:22:08, 17:24:15 by: Stantec, Inc.
C:\Users\A1237\OneDrive\Documents\332310590 - AFAN VALLEY\CDR\CD-0511.dwg
C:\Users\A1237\OneDrive\Documents\332310590 - AFAN VALLEY\CDR\CD-0511.dwg



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10 Queen Square, Bristol, BS1 4NT
Tel: +44 1173 327 840
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- Notes
- KEY:
- PROPOSED CATCHMENT A
 - AREA REMAINING AS CATCHMENT A
 - AREA TO BECOME CATCHMENT A
 - PROPOSED CATCHMENT B
 - AREA REMAINING AS CATCHMENT B
 - AREA TO BECOME CATCHMENT B
 - EXISTING WATERCOURSE
 - EXISTING CULVERT
 - EXISTING CATCHMENT BOUNDARIES

P01 - FIRST ISSUE	CH	RAS	2022.08.05
Issued/Revision	By	Appd	YYYY.MM.DD
	CH	LB	RAS
	Dwn.	Dsgn.	Chkd.
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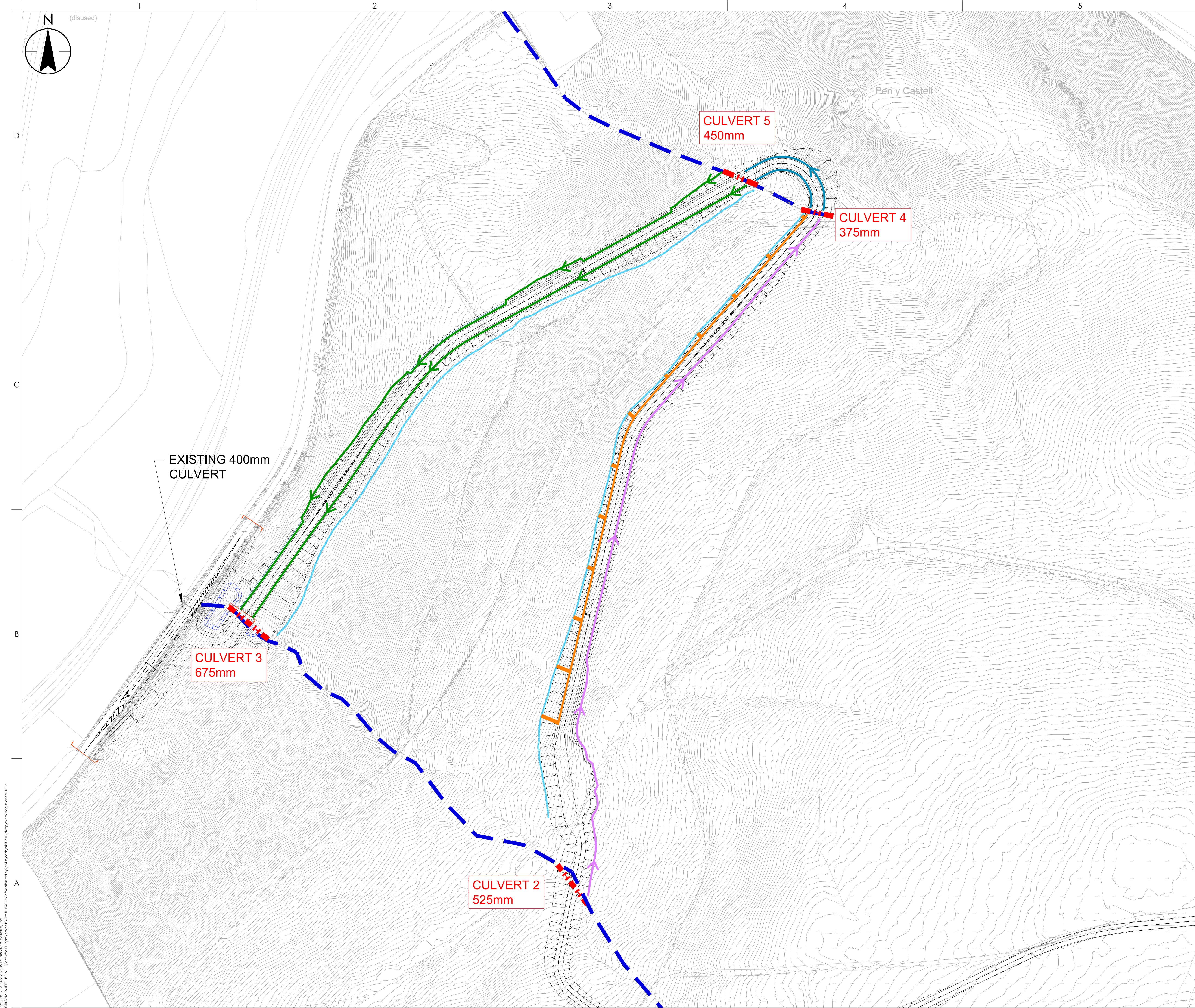
Client/Project
WILDFOX RESORTS

AFAN VALLEY

Title
SPINE ROAD

EXISTING AND PROPOSED SURFACE
WATER CATCHMENT AREAS

Project No. 332310590	Scale AS SHOWN
Revision P01	Drawing No. AV-STN-HDG-SR-DR-CD-0511



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- Notes
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 - PROPOSED DITCH 4"
 - PROPOSED DITCH 5"
 - PROPOSED FILTER DRAIN. OUTFALLS INTO ADJACENT INFILTRATION DITCH AT REGULAR INTERVALS
 - PROPOSED INFILTRATION DITCH
 - PROPOSED CULVERTED WATERCOURSE
 - EXISTING WATERCOURSE
 - EXISTING CULVERT
- (*DITCH NUMBERS CORRESPOND TO THE OUTFALLING CULVERT NUMBER)

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Title
SPINE ROAD

PROPOSED DRAINAGE INFRASTRUCTURE

Project No. 332310590	Scale 1:1000
Revision P01	Drawing No. AV-STN-HDG-SR-DR-CD-0512

Project: 17/08/2022/2022/05/17/10524 Pw by: Stantec, Inc.
Client: WILDFOX RESORTS
Drawing: AV-STN-HDG-SR-DR-CD-0512

APPENDIX G CENTRAL PLAZA DRAINAGE STRATEGY

- Stantec Drawing AV-STN-DG-XX-DR-D-0006



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Notes

UTILITIES NOTE: The position of any existing public or private sewers, utility services,
plant or apparatus shown on this drawing is believed to be correct, but no warranty to this
is expressed or implied. Other such plant or apparatus may also be present but not
shown. The Contractor is therefore advised to undertake their own investigation where the
presence of any existing sewers, services, plant or apparatus may affect their operations.

P01 FIRST DRAWING ISSUE		AB	DTH	2022.08.26	
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		AB	-	DTH	2022.08.26
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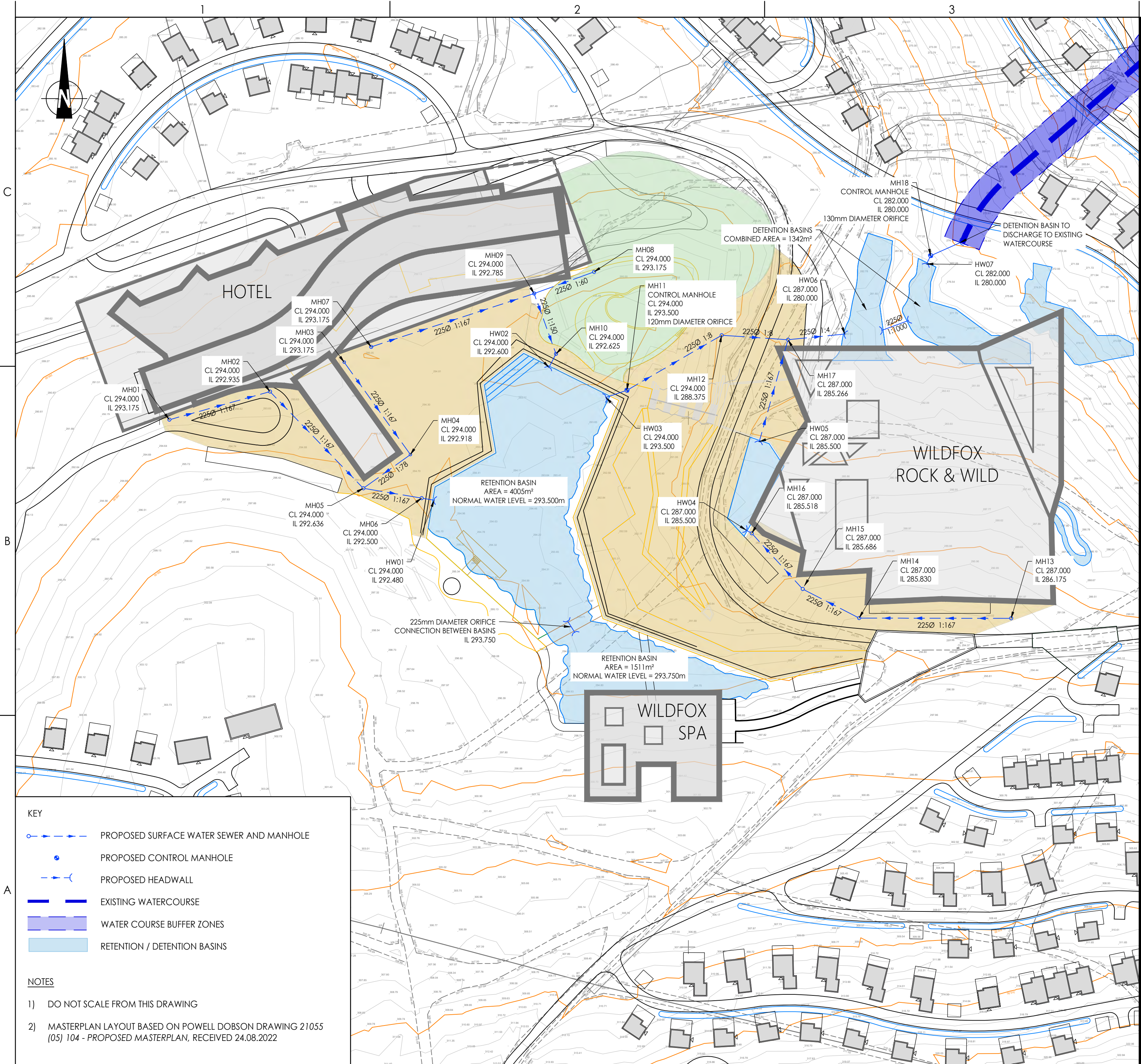
Client/Project
WILDFOX RESORTS

AFAN VALLEY

Title
SURFACE WATER DRAINAGE STRATEGY

CENTRAL PLAZA

Project No. 332310683	Scale 1:1000
Revision P01	Drawing No. AV-STN-DG-XX-DR-D-0006



APPENDIX H CENTRAL PLAZA CALCULATIONS

Stantec UK Ltd

Caversham Bridge House

Waterman Place

Reading, RG1 8DN

Date 26/08/2022 14:51

File Central area cascade.CASX

Innovyze

Designed by dahayes

Checked by

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Page 2



Cascade Summary of Results for Spa basin.SRCX

Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
10080 min Summer	293.820	0.070	3.4	0.0	3.4	105.1	Flood Risk
15 min Winter	293.786	0.036	1.0	0.0	1.0	54.9	Flood Risk
30 min Winter	293.803	0.053	2.0	0.0	2.0	79.3	Flood Risk
60 min Winter	293.821	0.071	3.6	0.0	3.6	108.0	Flood Risk
120 min Winter	293.839	0.089	5.6	0.0	5.6	134.7	Flood Risk
180 min Winter	293.846	0.096	6.4	0.0	6.4	145.3	Flood Risk
240 min Winter	293.851	0.101	6.9	0.0	6.9	151.9	Flood Risk
360 min Winter	293.856	0.106	7.6	0.0	7.6	160.1	Flood Risk
480 min Winter	293.858	0.108	8.0	0.0	8.0	163.3	Flood Risk
600 min Winter	293.859	0.109	8.1	0.0	8.1	164.1	Flood Risk
720 min Winter	293.858	0.108	8.0	0.0	8.0	163.7	Flood Risk
960 min Winter	293.857	0.107	7.8	0.0	7.8	161.0	Flood Risk
1440 min Winter	293.851	0.101	6.9	0.0	6.9	152.7	Flood Risk
2160 min Winter	293.843	0.093	6.0	0.0	6.0	140.9	Flood Risk
2880 min Winter	293.837	0.087	5.3	0.0	5.3	131.4	Flood Risk
4320 min Winter	293.828	0.078	4.4	0.0	4.4	118.0	Flood Risk
5760 min Winter	293.822	0.072	3.7	0.0	3.7	109.3	Flood Risk
7200 min Winter	293.818	0.068	3.2	0.0	3.2	102.7	Flood Risk
8640 min Winter	293.814	0.064	2.9	0.0	2.9	96.9	Flood Risk
10080 min Winter	293.811	0.061	2.7	0.0	2.7	92.2	Flood Risk

Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)
10080 min Summer	1.837	0.0	579.0	0.0	5240
15 min Winter	102.890	0.0	35.1	0.0	22
30 min Winter	75.214	0.0	57.8	0.0	35
60 min Winter	52.662	0.0	99.0	0.0	62
120 min Winter	35.159	0.0	136.3	0.0	118
180 min Winter	27.099	0.0	159.6	0.0	170
240 min Winter	22.505	0.0	178.0	0.0	192
360 min Winter	17.247	0.0	206.4	0.0	266
480 min Winter	14.238	0.0	228.3	0.0	338
600 min Winter	12.250	0.0	246.3	0.0	408
720 min Winter	10.821	0.0	261.5	0.0	478
960 min Winter	8.881	0.0	286.6	0.0	616
1440 min Winter	6.697	0.0	323.2	0.0	882
2160 min Winter	5.062	0.0	382.4	0.0	1260
2880 min Winter	4.154	0.0	417.6	0.0	1644
4320 min Winter	3.157	0.0	471.4	0.0	2376
5760 min Winter	2.613	0.0	535.1	0.0	3112
7200 min Winter	2.267	0.0	578.9	0.0	3888
8640 min Winter	2.023	0.0	618.1	0.0	4584
10080 min Winter	1.837	0.0	650.6	0.0	5256

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Cascade Rainfall Details for Spa basin.SRCX

Rainfall Model	FSR	Winter Storms	Yes
Return Period (years)	100	Cv (Summer)	0.750
Region	England and Wales	Cv (Winter)	0.840
M5-60 (mm)	20.000	Shortest Storm (mins)	15
Ratio R	0.213	Longest Storm (mins)	10080
Summer Storms	Yes	Climate Change %	+30

Time Area Diagram

Total Area (ha) 0.257

Time (mins)	Area	Time (mins)	Area
From: To:	(ha)	From: To:	(ha)
0 4	0.200	4 8	0.057

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Date 26/08/2022 14:51 File Central area cascade.CASX	Designed by dahayes Checked by									
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<u>Cascade Model Details for Spa basin.SRCX</u> Storage is Online Cover Level (m) 294.000 <u>Tank or Pond Structure</u> Invert Level (m) 293.750 <table><tr><th>Depth (m)</th><th>Area (m²)</th><th>Depth (m)</th><th>Area (m²)</th></tr><tr><td>0.000</td><td>1511.0</td><td>0.500</td><td>1511.0</td></tr></table> <u>Orifice Outflow Control</u> Diameter (m) 0.225 Discharge Coefficient 0.600 Invert Level (m) 293.750 <u>Weir Overflow Control</u> Discharge Coef 0.544 Width (m) 1.000 Invert Level (m) 293.950			Depth (m)	Area (m²)	Depth (m)	Area (m²)	0.000	1511.0	0.500	1511.0
Depth (m)	Area (m²)	Depth (m)	Area (m²)							
0.000	1511.0	0.500	1511.0							
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Date 26/08/2022 14:59 File Central area cascade.CASX				Designed by dahayes Checked by			
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<u>Cascade Summary of Results for Hotel & plaza basin.SRCX</u>							
Upstream Structures		Outflow To			Overflow To		
Spa basin.SRCX Rock & Wild basin.SRCX Rock & Wild basin.SRCX							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Outflow (l/s)	Max Volume (m³)	Status
15 min Summer	293.581	0.081	3.2	0.0	3.2	322.6	O K
30 min Summer	293.617	0.117	5.7	0.0	5.7	469.6	O K
60 min Summer	293.663	0.163	9.3	0.0	9.3	651.7	O K
120 min Summer	293.714	0.214	11.8	0.0	11.8	858.3	Flood Risk
180 min Summer	293.745	0.245	12.9	0.0	12.9	980.8	Flood Risk
240 min Summer	293.768	0.268	13.7	0.0	13.7	1073.8	Flood Risk
360 min Summer	293.801	0.301	14.8	0.0	14.8	1205.6	Flood Risk
480 min Summer	293.823	0.323	15.4	0.0	15.4	1294.1	Flood Risk
600 min Summer	293.838	0.338	15.9	0.0	15.9	1355.1	Flood Risk
720 min Summer	293.849	0.349	16.2	0.0	16.2	1396.5	Flood Risk
960 min Summer	293.863	0.363	16.5	0.0	16.5	1452.2	Flood Risk
1440 min Summer	293.880	0.380	17.0	0.0	17.0	1520.6	Flood Risk
2160 min Summer	293.893	0.393	17.4	0.0	17.4	1574.2	Flood Risk
2880 min Summer	293.897	0.397	17.4	0.0	17.4	1589.8	Flood Risk
4320 min Summer	293.892	0.392	17.3	0.0	17.3	1571.3	Flood Risk
5760 min Summer	293.881	0.381	17.0	0.0	17.0	1527.2	Flood Risk
7200 min Summer	293.869	0.369	16.7	0.0	16.7	1478.7	Flood Risk
8640 min Summer	293.857	0.357	16.4	0.0	16.4	1428.9	Flood Risk
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	102.890	0.0	166.9	0.0	27		
30 min Summer	75.214	0.0	288.9	0.0	41		
60 min Summer	52.662	0.0	582.9	0.0	70		
120 min Summer	35.159	0.0	817.6	0.0	130		
180 min Summer	27.099	0.0	962.0	0.0	188		
240 min Summer	22.505	0.0	1075.6	0.0	248		
360 min Summer	17.247	0.0	1247.4	0.0	366		
480 min Summer	14.238	0.0	1374.8	0.0	484		
600 min Summer	12.250	0.0	1474.8	0.0	602		
720 min Summer	10.821	0.0	1556.2	0.0	720		
960 min Summer	8.881	0.0	1680.9	0.0	832		
1440 min Summer	6.697	0.0	1824.3	0.0	1082		
2160 min Summer	5.062	0.0	2472.8	0.0	1476		
2880 min Summer	4.154	0.0	2688.9	0.0	1880		
4320 min Summer	3.157	0.0	2977.1	0.0	2688		
5760 min Summer	2.613	0.0	3553.1	0.0	3488		
7200 min Summer	2.267	0.0	3841.9	0.0	4256		
8640 min Summer	2.023	0.0	4091.6	0.0	5024		
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Cascade Summary of Results for Hotel & plaza basin.SRCX

Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
10080 min Summer	293.844	0.344	16.0	0.0	16.0	1376.5	Flood Risk
15 min Winter	293.590	0.090	3.7	0.0	3.7	361.2	O K
30 min Winter	293.631	0.131	6.8	0.0	6.8	525.8	O K
60 min Winter	293.682	0.182	10.5	0.0	10.5	730.1	O K
120 min Winter	293.741	0.241	12.8	0.0	12.8	964.3	Flood Risk
180 min Winter	293.775	0.275	13.9	0.0	13.9	1103.3	Flood Risk
240 min Winter	293.802	0.302	14.8	0.0	14.8	1209.2	Flood Risk
360 min Winter	293.840	0.340	15.9	0.0	15.9	1360.6	Flood Risk
480 min Winter	293.865	0.365	16.6	0.0	16.6	1463.8	Flood Risk
600 min Winter	293.884	0.384	17.1	0.0	17.1	1536.5	Flood Risk
720 min Winter	293.897	0.397	17.4	0.0	17.4	1588.0	Flood Risk
960 min Winter	293.912	0.412	17.8	0.0	17.8	1649.5	Flood Risk
1440 min Winter	293.926	0.426	18.2	0.0	18.2	1707.8	Flood Risk
2160 min Winter	293.935	0.435	18.4	0.0	18.4	1741.8	Flood Risk
2880 min Winter	293.932	0.432	18.3	0.0	18.3	1728.8	Flood Risk
4320 min Winter	293.912	0.412	17.8	0.0	17.8	1650.7	Flood Risk
5760 min Winter	293.888	0.388	17.2	0.0	17.2	1555.6	Flood Risk
7200 min Winter	293.866	0.366	16.6	0.0	16.6	1464.3	Flood Risk
8640 min Winter	293.844	0.344	16.0	0.0	16.0	1379.1	Flood Risk
10080 min Winter	293.824	0.324	15.4	0.0	15.4	1297.5	Flood Risk

Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)
10080 min Summer	1.837	0.0	4285.2	0.0	5800
15 min Winter	102.890	0.0	197.8	0.0	27
30 min Winter	75.214	0.0	337.1	0.0	41
60 min Winter	52.662	0.0	667.7	0.0	70
120 min Winter	35.159	0.0	930.5	0.0	128
180 min Winter	27.099	0.0	1092.1	0.0	186
240 min Winter	22.505	0.0	1219.0	0.0	244
360 min Winter	17.247	0.0	1408.9	0.0	360
480 min Winter	14.238	0.0	1548.9	0.0	474
600 min Winter	12.250	0.0	1658.9	0.0	588
720 min Winter	10.821	0.0	1748.4	0.0	698
960 min Winter	8.881	0.0	1884.2	0.0	904
1440 min Winter	6.697	0.0	2027.6	0.0	1132
2160 min Winter	5.062	0.0	2780.4	0.0	1584
2880 min Winter	4.154	0.0	3022.2	0.0	2024
4320 min Winter	3.157	0.0	3336.4	0.0	2896
5760 min Winter	2.613	0.0	3988.0	0.0	3696
7200 min Winter	2.267	0.0	4313.7	0.0	4536
8640 min Winter	2.023	0.0	4596.7	0.0	5280
10080 min Winter	1.837	0.0	4819.5	0.0	6056

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Innovyze Source Control 2020.1										
<u>Cascade Model Details for Hotel & plaza basin.SRCX</u> Storage is Online Cover Level (m) 294.000 <u>Tank or Pond Structure</u> Invert Level (m) 293.500 <table><tr><th>Depth (m)</th><th>Area (m²)</th><th>Depth (m)</th><th>Area (m²)</th></tr><tr><td>0.000</td><td>4005.0</td><td>0.500</td><td>4005.0</td></tr></table> <u>Orifice Outflow Control</u> Diameter (m) 0.120 Discharge Coefficient 0.600 Invert Level (m) 293.500 <u>Weir Overflow Control</u> Discharge Coef 0.544 Width (m) 2.000 Invert Level (m) 293.950			Depth (m)	Area (m²)	Depth (m)	Area (m²)	0.000	4005.0	0.500	4005.0
Depth (m)	Area (m²)	Depth (m)	Area (m²)							
0.000	4005.0	0.500	4005.0							
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Date 26/08/2022 14:59 File Central area cascade.CASX	Designed by dahayes Checked by						
Innovyze	Source Control 2020.1						
<u>Cascade Summary of Results for Rock & Wild basin.SRCX</u> Upstream Structures Hotel & plaza basin.SRCX Spa basin.SRCX Outflow To Overflow To (None) (None)							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow E (l/s)	Max Outflow Volume (m³)	Status	
15 min Summer	280.259	0.259	15.5	0.0	15.5	347.9	O K
30 min Summer	280.376	0.376	19.7	0.0	19.7	504.8	O K
60 min Summer	280.520	0.520	23.8	0.0	23.8	697.6	O K
120 min Summer	280.675	0.675	27.6	0.0	27.6	906.3	O K
180 min Summer	280.759	0.759	29.4	0.0	29.4	1019.1	O K
240 min Summer	280.818	0.818	30.6	0.0	30.6	1098.4	O K
360 min Summer	280.894	0.894	32.1	0.0	32.1	1199.3	O K
480 min Summer	280.936	0.936	32.9	0.0	32.9	1256.6	O K
600 min Summer	280.963	0.963	33.4	0.0	33.4	1292.4	O K
720 min Summer	280.984	0.984	33.8	0.0	33.8	1320.0	O K
960 min Summer	281.011	1.011	34.3	0.0	34.3	1357.2	O K
1440 min Summer	281.037	1.037	34.8	0.0	34.8	1391.6	O K
2160 min Summer	281.047	1.047	35.0	0.0	35.0	1405.2	O K
2880 min Summer	281.041	1.041	34.8	0.0	34.8	1396.5	O K
4320 min Summer	281.009	1.009	34.3	0.0	34.3	1354.0	O K
5760 min Summer	280.971	0.971	33.6	0.0	33.6	1302.7	O K
7200 min Summer	280.933	0.933	32.9	0.0	32.9	1251.7	O K
8640 min Summer	280.896	0.896	32.2	0.0	32.2	1202.2	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	102.890	0.0	452.2	0.0	25		
30 min Summer	75.214	0.0	720.9	0.0	39		
60 min Summer	52.662	0.0	1253.2	0.0	68		
120 min Summer	35.159	0.0	1725.8	0.0	126		
180 min Summer	27.099	0.0	2018.0	0.0	184		
240 min Summer	22.505	0.0	2248.4	0.0	244		
360 min Summer	17.247	0.0	2597.4	0.0	362		
480 min Summer	14.238	0.0	2858.5	0.0	480		
600 min Summer	12.250	0.0	3066.8	0.0	542		
720 min Summer	10.821	0.0	3239.1	0.0	602		
960 min Summer	8.881	0.0	3507.5	0.0	730		
1440 min Summer	6.697	0.0	3799.7	0.0	1002		
2160 min Summer	5.062	0.0	4951.8	0.0	1424		
2880 min Summer	4.154	0.0	5395.4	0.0	1844		
4320 min Summer	3.157	0.0	6023.3	0.0	2644		
5760 min Summer	2.613	0.0	7019.7	0.0	3456		
7200 min Summer	2.267	0.0	7597.8	0.0	4248		
8640 min Summer	2.023	0.0	8106.1	0.0	5016		
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Cascade Summary of Results for Rock & Wild basin.SRCX

Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Outflow (l/s)	Max Volume (m³)	Status
10080 min Summer	280.858	0.858	31.4	0.0	31.4	1151.9	O K
15 min Winter	280.291	0.291	16.8	0.0	16.8	390.3	O K
30 min Winter	280.423	0.423	21.1	0.0	21.1	567.0	O K
60 min Winter	280.584	0.584	25.4	0.0	25.4	784.4	O K
120 min Winter	280.760	0.760	29.4	0.0	29.4	1020.3	O K
180 min Winter	280.856	0.856	31.4	0.0	31.4	1149.4	O K
240 min Winter	280.925	0.925	32.7	0.0	32.7	1241.4	O K
360 min Winter	281.014	1.014	34.4	0.0	34.4	1361.1	O K
480 min Winter	281.068	1.068	35.3	0.0	35.3	1433.0	O K
600 min Winter	281.101	1.101	35.9	0.0	35.9	1477.5	O K
720 min Winter	281.121	1.121	36.3	0.0	36.3	1504.7	O K
960 min Winter	281.146	1.146	36.7	0.0	36.7	1538.4	O K
1440 min Winter	281.167	1.167	37.0	0.0	37.0	1565.9	O K
2160 min Winter	281.160	1.160	36.9	0.0	36.9	1556.3	O K
2880 min Winter	281.132	1.132	36.4	0.0	36.4	1519.3	O K
4320 min Winter	281.060	1.060	35.2	0.0	35.2	1422.7	O K
5760 min Winter	280.987	0.987	33.9	0.0	33.9	1324.4	O K
7200 min Winter	280.920	0.920	32.6	0.0	32.6	1235.1	O K
8640 min Winter	280.859	0.859	31.4	0.0	31.4	1153.1	O K
10080 min Winter	280.802	0.802	30.3	0.0	30.3	1075.7	O K

Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)
10080 min Summer	1.837	0.0	8520.2	0.0	5752
15 min Winter	102.890	0.0	521.4	0.0	25
30 min Winter	75.214	0.0	824.0	0.0	39
60 min Winter	52.662	0.0	1423.4	0.0	68
120 min Winter	35.159	0.0	1952.9	0.0	124
180 min Winter	27.099	0.0	2279.8	0.0	182
240 min Winter	22.505	0.0	2536.4	0.0	240
360 min Winter	17.247	0.0	2922.6	0.0	354
480 min Winter	14.238	0.0	3211.4	0.0	464
600 min Winter	12.250	0.0	3441.9	0.0	572
720 min Winter	10.821	0.0	3631.5	0.0	674
960 min Winter	8.881	0.0	3916.5	0.0	766
1440 min Winter	6.697	0.0	4184.3	0.0	1078
2160 min Winter	5.062	0.0	5560.5	0.0	1540
2880 min Winter	4.154	0.0	6057.2	0.0	1988
4320 min Winter	3.157	0.0	6745.5	0.0	2852
5760 min Winter	2.613	0.0	7873.6	0.0	3688
7200 min Winter	2.267	0.0	8523.9	0.0	4472
8640 min Winter	2.023	0.0	9098.0	0.0	5272
10080 min Winter	1.837	0.0	9569.7	0.0	6048

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Cascade Rainfall Details for Rock & Wild basin.SRCX

Rainfall Model	FSR	Winter Storms	Yes
Return Period (years)	100	Cv (Summer)	0.750
Region	England and Wales	Cv (Winter)	0.840
M5-60 (mm)	20.000	Shortest Storm (mins)	15
Ratio R	0.213	Longest Storm (mins)	10080
Summer Storms	Yes	Climate Change %	+30

Time Area Diagram

Total Area (ha) 1.860

Time (mins)	Area	Time (mins)	Area	Time (mins)	Area
From: To: (ha)	From: To: (ha)	From: To: (ha)			
0 4 1.000	4 8 0.460	8 12 0.400			

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Cascade Model Details for Rock & Wild basin.SRCX

Storage is Online Cover Level (m) 282.000

Tank or Pond Structure

Invert Level (m) 280.000

Depth (m)	Area (m ²)	Depth (m)	Area (m ²)	Depth (m)	Area (m ²)
0.000	1342.0	1.000	1342.0	1.500	1342.0

Orifice Outflow Control

Diameter (m) 0.130 Discharge Coefficient 0.600 Invert Level (m) 280.000

Weir Overflow Control

Discharge Coef 0.544 Width (m) 1.000 Invert Level (m) 281.500

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