



CATCHMENT 2 BASIN

DISCHARGE RATE = 3.9 l/s
REQUIRED VOLUME UNDER 100yr + 40%CC EVENT = 800m³
AREA = 1252m²
BASIN SIDES: 1:5
APPROXIMATE BED LEVEL = 7mAOD
CONTRIBUTING IMP. AREA = 0.94ha

POND 1

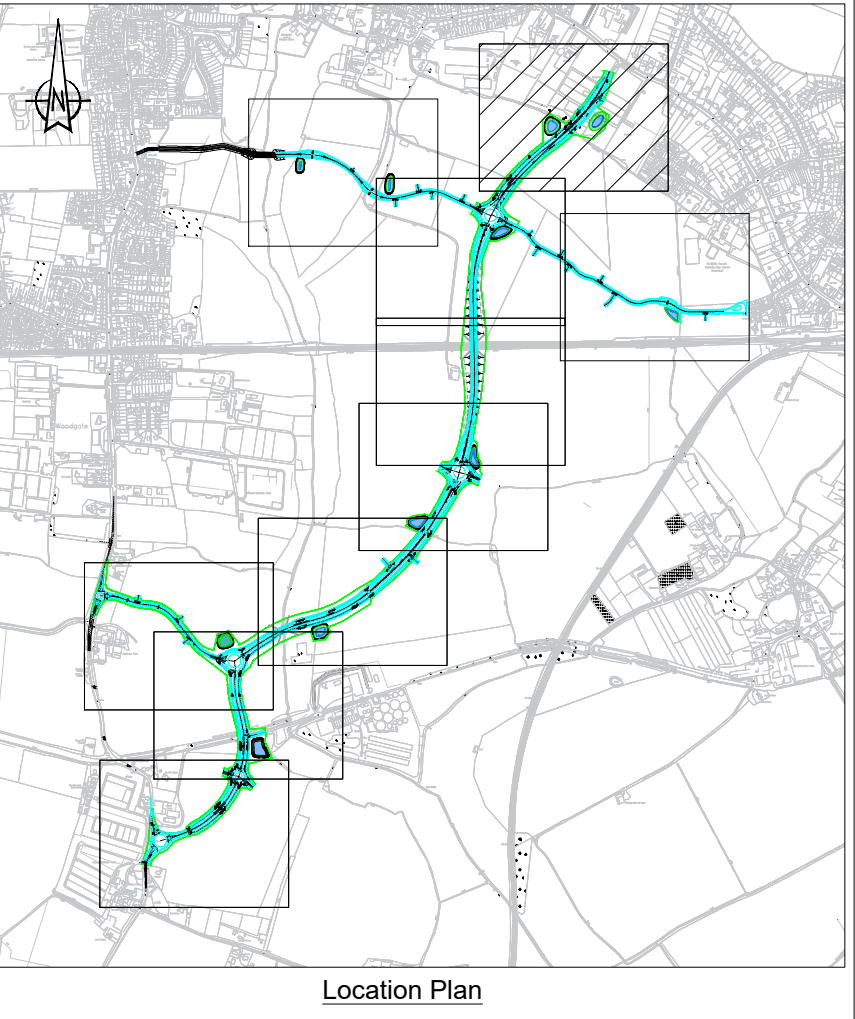
GEOMETRY AND ORIENTATION AS PER WSCC DESIGN TO ACCOMMODATE A29 RUNOFF FROM WSCC SCHEME AND SOUTHERN CONSORTIUM SCHEME.

FOR DETAILS PLEASE REFER TO CAPITA DRAWING A29-CAP-HDG-00-DR-D-0121

SOUTHERN CONSORTIUM REQUIREMENT:

PROPOSED DISCHARGE RATE = 3.00 l/s
100 YR +20% ATTENUATION VOLUME = 198m³

- NOTES:**
- Where the Contractor undertakes or engages a third party to undertake temporary works design, or varies the Pell Frischmann design in any way, then the Contractor will take full responsibility and liability for all design aspects, including a Design Risk Assessment. The Contractor shall inform Pell Frischmann of any proposed variances to the design.
 - This drawing shall be read in conjunction with all other Electrical, Mechanical, Public Health & Architectural Drawings & The Specification.
 - Topographical Information was provided by 3D Engineering Surveys and Pell Frischmann will not be held liable for any inaccuracies.
 - Barnham Road Roundabout and Northern Link Road designed by WSP. Pell Frischmann will not be held liable for any inaccuracies contained within this section.
 - Partial Western Link Road designed by CALA. Pell Frischmann will not be held liable for any inaccuracies contained within this section.



- PROPOSED DRAINAGE KEY:**
- PROPOSED SURFACE WATER HIGHWAY SEWER
 - PROPOSED SURFACE WATER HIGHWAY GULLY
 - PROPOSED HIGHWAY SWALE
 - PROPOSED HEADWALL
 - PROPOSED BALANCING POND
 - DEFINES HIGHWAY CATCHMENT AREA SPLIT FOR RUNOFF

P11	Minor highway alignment updates	JN	JN	RH	21.09.23
P10	Minor highway alignment updates	JN	JN	RH	12.05.23
P09	Updated highway alignment	JN	JN	RH	28.02.23
P08	Client name updated	HJ	DAR	DAR	13.01.22
P07	Client and project name updated	HJ	DAR	DAR	12/11/21
P06	Client and project name updated	HJ	YL	DAR	04/10/21
P05	Updated highway alignment	HJ	YL	DAR	27/08/21
P04	Drainage updated	HJ	YL	DAR	06/07/21
P03	Drainage amended	HJ	YL	DAR	02/06/21
P02	Additional drainage added	YL	RH	DAR	10/05/21
P01	Preliminary Issue	YL	RH	DAR	06/05/21
REV	DESCRIPTION	DRN	CHK	APP	DATE

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Client
**C.C Projects
Ashmarden Ltd
Hanbury (PM) Ltd**

Project
BEW Parcel SC1

Drawing Title
**Highway Drainage
Layout
(Sheet 1 of 10)**

	Name	Date	Scale	
Drawn	YL	MAY 21		1:500 @ A0
Designed	YL	MAY 21	File No.	A13394-PEF-GEN-XX-DR-C-0501-0510
Checked	RH	MAY 21	Drawing Status	Preliminary
Approved	DAR	MAY 21		
Drawing No.	A13394-PEF-ZZ-XX-DR-CD-0501			Revision
				P11

