



- Notes
- Do not scale from this drawing.
 - All dimensions are in metres/millimetres unless otherwise stated.
 - This drawing is to be read in conjunction with all relevant documents and drawings.
 - No unauthorised disclosure, storage or copying.
 - All spatial coordinates relate to the Ordnance Survey, British National Grid (OSGB36).
 - All levels are in meters and relate to AOD (Ordnance Survey, Newlyn).
 - Existing watercourses based on LIDAR data and OSMap. © crown copyright and database rights 2022 ordnance survey (0100031673).
 - All suds (drainage systems including attenuation basins, ponds, swales etc.) are to be constructed in accordance with CIRIA753, the SUDS Manual 2015.
 - It is anticipated that there will be no significant increase in runoff rate through the outfall as the system has been designed to maintain reduced discharge rates via flow control. refer to the drainage strategy for details (108939-MMD-BRGR-XX-TN-C-0045).
 - Access roads to be provided with a camber/crossfall to allow runoff to discharge into proposed filter drain.
 - All proposed drainage to follow the Highways Construction Details (HDC) MCHW Volume 3 Section 1, Series F Drainage.
 - Proposed access road and filter drains to follow the Highways Construction Details (HDC) MCHW Volume 3 Section 1, Series B Edge of Pavement Details.
 - Pipe to be encased in concrete when minimum cover < 1200mm under access roads as per Type Z HCD Trench and Bedding Details Drawing F1.
 - All filter drains to be Type M HCD Filter Drains and Trench and Bedding Details drawing F2 and for details of section of the drain with the surface level refer to Type 1A(flexible carriageway) drawing B1 series.
 - Contractor required to ensure temporary drainage arrangements (including temporary excavations required for drainage, temporary management of flows in existing drainage systems and temporary protection of existing structures and utilities) during the delivery of the works.

Key to symbols

	NEW SURFACE WATER FILTER DRAIN WITH 225Ø PERFORATED PIPE
	NEW SURFACE WATER PIPE
	NEW SURFACE WATER/FOUL WATER MANHOLE
	NEW FOUL WATER PIPE
	SITE BOUNDARY
	IMPERMEABLE AREA
	EXISTING WATER COURSES
	MANHOLE WITH FLOW DEVICE
	EXISTING FOUL WATER PRIVATE DRAIN

Reference drawings

108939-MMD-BRGR-XX-DR-C-0014 General PV Layout					
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P02	15/11/2022	OJ	Second Issue	ARD	PM
P01	07/11/2022	OJ	First Issue	ARD	SA
Rev	Date	Drawn	Description	Ch'k'd	App'd

Status Stamp

NOT FOR CONSTRUCTION

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Title

Marubeni Bridgend Green
Solar PV Drainage Layout

Designed	A.Ruiz-Diaz	ARD	Eng check	T.King	TK
Drawn	O.Jeffcock	OJ	Coordination	T.King	TK
Dwg check	A.Ruiz-Diaz	ARD	Approved	S.Anantharam	SA
MMD Project Number	Scale at A1			Security	
108939	1:1000			STD	
Suitability Description	Suit. Code				
Suitable for Review & Comment	S3				
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