



Legend

- Existing Surface Water Drain
- Existing Road Gully
- Proposed Surface Water Drain & Chamber
- Proposed Rising Main
- Existing Attenuation Tank
- Proposed DUB15/16 Attenuation Pond
- Proposed Petrol Interceptor
- Proposed Hydro-brake
- Proposed Surface Water Pumping Station
- Proposed Proprietary Surface Water Treatment System
- Proposed Drainage Channel
- Existing Pipe to be Removed
- Proposed Swale
- Swale outlet
- Green Roof
- Permeable Carpark
- Watercourse

- Notes:**
- All petrol interceptors catering for runoff from generator yards and refueling areas to be full retention system, complying with standards and to be fitted with oil level alarms and to terminate in customer services and to staff reception (to be agreed with client and architect). All interceptors to be vented. Location of vent pipes to be agreed by the design team, contractor to allow for power supply and ducting as necessary. Interceptors serve connecting areas based on complying with Class 1 full retention interceptor in accordance with standards. All manholes immediately upstream of petrol interceptors to be provided of emergency spillage shutdown valve.
 - Gully discrepancy valves (GDV) are required to the bunds of each of the generators and transformers.
 - Proposed drainage to be coordinated with existing underground services.
 - This drawing is to be read in conjunction with all other relevant engineers, architects and sub-contractors drawings and details.
 - All gully and channel connections into the surface water drainage network to be 150mm.
 - All drainage piping is within the influence line or structural loads will use ductile iron piping or will be provided with concrete bed and surround to detail IE-DUBZZ-STE1-EO-ARP-DR-C-0113.
 - All swales to have 500mm base and 1:4 side slopes.

C03	14/03/22	CDS	CDS	JMAC
Issued for Planning RFI Response				
C02	04/02/22	CDS	CDS	JMAC
Issued for Planning RFI Response				
C01	28/07/21	DF	CDS	JMAC
Issued for Planning				
Rev	Date	By	Chkd	Apd

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Client
Digital Netherlands VIII B.V.
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Project Title
INXN DUB15/16

Drawing Title
Proposed Surface Water Drainage
Layout

Scale at A1: 1:500

Role: Civil

Subsidiary: Planning RFI Response

Rev: C03

Project No: 280503-00

Name: IE-DUBZZ-STE1-EO-ARP-DR-C-0104