



- Notes:**
- All surface water pipework shall be Polypipe Ridgdrain pipework and fittings.
 - All carrier pipework shall be designed to achieve a min. full bore self-cleansing velocity of 1.0m/s.
 - All manhole covers shall be Noroc ductile iron covers by EJ Covers with a load classification D400 to IS EN 124.
 - All surface water runoff from areas where vehicles will be parked shall be treated in a Class 1 hydrocarbon interceptor prior to discharge in accordance with BS EN 858. Refer to the layout for type.
 - All products must carry 3rd part certification e.g. BBA etc.
 - All channel drains shall be ACO MultiDrain units including sump units at outlets as shown. Drains to include BrickSlot covers with Load Class D400 unless noted otherwise. Types marked on layout; refer to specific product numbers as shown below:

- Type 1 - ACO MultiDrain M100D 0.0
 Type 2 - ACO MultiDrain M100D 10.0
 Type 3 - ACO MultiDrain M100D 20.0
 Type 4 - ACO MultiDrain M100D 30.0

- Proposed Surface Water AJ chambers to be Wavin Range 315 IC or similar approved.
- Proposed Surface Water Manhole Type 2 to be Wavin Range 600 IC or similar approved.

Legend:

- Proposed Surface Water Drain:
- Proposed Surface Water Manhole Type 1:
- Proposed Surface Water Manhole Type 2:
- Proposed Hydrocarbon Interceptor - Refer to Layout for Product Reference:
- Proposed Drainage Channel:
- Proposed Road Gulleys and 150mmØ Connecting Drain:

CL - Cover Level
 IL - Invert Level
 BD IL - Backdrop Invert Level

Residential Block Planning Boundary:

N.B. All cover levels shown on this drawing are indicative only. The contractor shall coordinate the final level with the landscape architect.

P09	09/08/19	C.W.	D.F.	F.O'S
Issued for Planning				
C01	18/04/19	C.F.	D.F.	F.O'S
Issued for Construction (Status A4)				
P08	12/04/19	C.F.	F.O'S.	J.D.
Issued for Partial Construction				
P07	13/03/19	J.B.	F.O'S.	J.D.
Issued for Partial Construction				
P06	07/03/19	J.B.	F.O'S.	F.O'S
Issued for Construction Approval				
P05	18/02/19	J.B.	F.O'S.	J.D.
Issued for Planning				
P04	15/01/19	J.B.	F.O'S.	J.D.
Revisions as Clouded				
Rev	Date	By	Chkd	Appd

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Client
HQ
 HQ
 Horgan's Quay

Project Title
 Proposed Surface Water Drainage Layout

Drawing Title
 Proposed Surface Water Drainage Layout

Scale at A1: 1:500
 Role: Civil
 Suitability: S2 - Suitable for Information

Arup Job No: 252901-00
 Rev: P09
 Name: HQDPR-ARP-ZZ-XX-DR-C-1300