



All existing sewers in this location are identified as public combined sewers on record drawings

Surface Water Pumping Chamber
 Sump level = 4.38m
 Discharge IL = 5.38m (S5)
 Pumping distance = 10.00m
 Discharge rate = 5.0l/s
 Pumping Height = 2.0m Min.

Note:
 All RWP & internal pop-up locations TBC by Architect

Proposed Attenuation Tank.
 Flow restricted to 73.6l/s from Surface water attenuation tank with 197m³ on-site attenuation designed for 1 in 100 year rainfall and 30% climate change
 Tank installation level:
 Invert level = 4.583m AOD
 Top of Tank = 5.383m AOD
 FGL over Tank = 6.160m AOD (Approx.)

Flow control MH (S11)
 Model: Hydrobrake Optimum
 CTL-SHE-0350-7360-0800-7360
 Manufacturer = Hydro International
 Design Flow Rate = 73.6l/s
 Design Head = 0.8m

Plan
 Scale 1:250

- Key**
- Existing Surface Water Drainage
 - Existing Foul Water Drainage
 - Proposed Surface Water Drainage
 - Proposed Foul Water Drainage
 - Proposed Drainage Channel
 - Proposed Concrete Cover Slab
 - Proposed Petrol Interceptor
 - Proposed Attenuation Tank
 - Existing Drainage Channel
 - Proposed Foul Water Gully
 - Proposed Rainwater Pipe
 - Proposed Rodding Eye
 - Existing Surface Water Gully
 - Proposed Site Boundary
 - Denotes Third Party Boundary

DESCRIPTION	REV	DATE	CHK	APR
beamconsulting				
Beam Consulting 14 Bond Street Wakefield WF1 2QP Tel: 01924 361653 Fax: 01924 364631				
PROJECT				
Connah's Quay				
DRAWING TITLE				
Proposed Drainage General Arrangement				
CLIENT				
Lidl Great Britain Limited				
STATUS				
Information				
DRAWN	KK	DATE	03/08/2021	
CHECKED	MB	SCALE		
APPROVED	KGP	AS SHOWN @ A1		
DRAWING NUMBER		REVISION		
09-167-501				