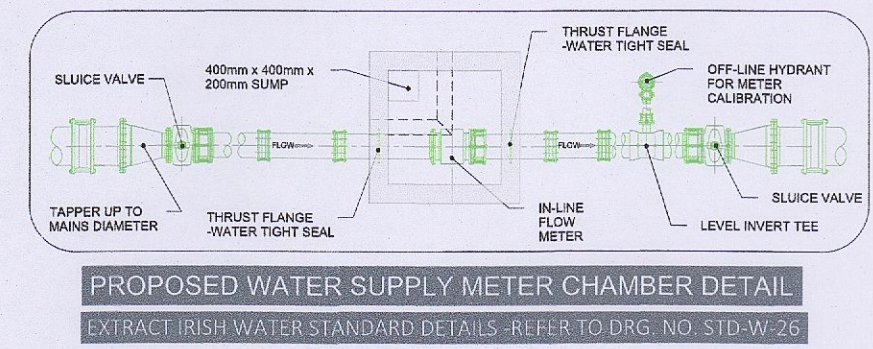




SITE LAYOUT PLAN SHOWING PROPOSED SERVICES  
SCALE 1:250

PROPOSED SITE SERVICES - WATERMAINS	
EXISTING IW WATERMAIN	
PROPOSED WATERMAIN	
PROPOSED WATER METER	
WATERMAIN - AIR VALVE	
WATERMAIN - SLUICE VALVE	
PROPOSED FIRE HYDRANT	

NOTE:  
 - ALL EXISTING UNDERGROUND SERVICES ARE SHOWN AT APPROXIMATE LOCATIONS ONLY AND ALL SERVICES MUST BE CHECKED AND CONFIRMED ON SITE BEFORE CARRYING OUT ANY CONSTRUCTION WORK. PLASTIC PIPES CAN NOT BE CONFIRMED BY TOPOGRAPHIC SURVEY, SO GAS, WATER, FIBRE-OPTIC AND OTHER SERVICES ARE SHOWN AT ASSUMED LOCATIONS.  
 - ALL EXISTING FOUL SEWER AND SURFACE WATER SERVICES TO BE GRUBBED UP AND REMOVED. ALL EXISTING UTILITY SERVICES ARE TO BE DECOMMISSIONED BY THE PROVIDER BEFORE ANY WORK PROCEEDS.



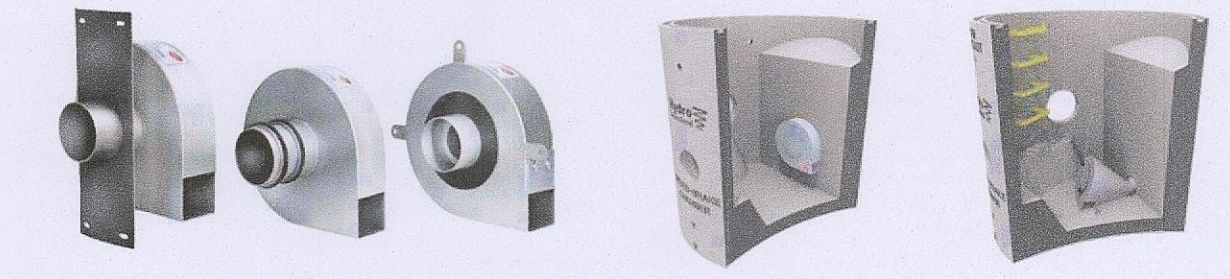
HYDRO BRAKE OPTIMUM DETAILS



**IRISH WATER DISCLAIMER:**  
 IRISH WATER GIVES THIS INFORMATION AS TO THE POSITION OF ITS UNDERGROUND NETWORK AS A GENERAL GUIDE ONLY ON THE STRICT UNDERSTANDING THAT IT IS BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY EACH LOCAL AUTHORITY IN IRELAND. IT SHOULD NOT BE RELIED UPON IN THE EVENT OF EXCAVATIONS OR OTHER WORKS BEING CARRIED OUT IN THE VICINITY OF THE NETWORK. THE ONUS IS ON THE PARTIES CARRYING OUT THE WORKS TO ENSURE THE EXACT LOCATION OF THE NETWORK IS IDENTIFIED PRIOR TO MECHANICAL WORKS BEING CARRIED OUT. SERVICE PIPES ARE NOT GENERALLY SHOWN BUT THEIR PRESENCE SHOULD BE ANTICIPATED.  
 © IRISH WATER

Easy to Install

Hydro-Brake® Optimum has a range of mounting options for ease of installation or can be supplied ready fitted into a manhole chamber (with or without a wear wall) for simple plug-and-play installation. There are no set-up or commissioning requirements.



DRAINAGE SERVICES - NOTES:

- ALL MANHOLES TO BE PRECAST CONCRETE IN ACCORDANCE WITH IRISH WATER STANDARDS.
  - ALL MANHOLES TO BE INSTALLED ON SITE TO BE FULLY SEALED
  - ALL MANHOLE COVERS TO BE DN400
  - ALL FOUL SEWER PIPES TO COMPLY WITH IRISH WATER SPECIFICATION & REQUIREMENTS
  - ALL FOUL SEWER AND SURFACE WATER PIPELINES TO HAVE AN AIR PRESSURE TEST CARRIED OUT IN ACCORDANCE WITH TGD PART H OF THE CURRENT BUILDING REGULATIONS.
  - ALL CONNECTIONS FROM SURFACE WATER GULLIES TO BE 150mm Ø MINIMUM.
  - ALL CONNECTIONS TO THE FOUL SEWER NETWORK TO BE THROUGH APPROVED INSPECTION CHAMBER AS PER IRISH WATER REQUIREMENTS STANDARD DETAIL, REF. STD-WW-03
  - FINAL CONNECTION AND INVERT LEVELS TO BE VERIFIED BY MAIN CONTRACTOR PRIOR COMMENCING OF DRAINAGE WORKS. ANY DISCREPANCY TO BE NOTIFIED TO DESIGN ENGINEER BEFORE PROCEEDING.
  - JUMBO MIDI GREASE TRAP TO BE INSTALLED ON BAKERY DISCHARGE PIPE TO FOUL SEWER
  - REFER TO M&E DRAWINGS FOR DETAILS OF PUBLIC LIGHTING, ELECTRICITY SUPPLY, GATEKEEPER SYSTEM, TELECOM SUPPLY AND GAS SUPPLY IF AVAILABLE.
  - REFER TO EXISTING SITE SURVEY FOR DETAILS OF ALL EXISTING SERVICES. COVER LEVELS OF ALL EXISTING MANHOLES WHICH ARE BEING MAINTAINED TO BE ADJUSTED TO SUIT THE PROPOSED FINISHED GROUND LEVELS FOR NEW CAR PARK ARRANGEMENT.
- NOTE 2:  
 EXISTING SITE SURVEY TO BE VERIFIED ON SITE. ALL LEVELS, INVERTS, POSITIONS OF SERVICES, EXISTING WALLS, ROADS ETC TO BE CHECKED ON SITE AND ANY DISCREPANCIES NOTIFIED TO THE ENGINEER BEFORE WORKS PROCEED.

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DRAWING NOTES:

- This Drawing is to be read in conjunction with the relevant Specifications & other Architectural & Engineering Drawings. Engineers to be informed immediately of any discrepancies before work proceeds.
- Do Not Scale from this Drawing. -Metric Figured Dimension only are to be used.
- It is "The Contractors" responsibility to ensure that all works are carried out in accordance with the requirements of the current Building Regulations and any other statutory documents relevant to this project including the grant of planning permission, Fire Safety Certificate and Disability Access Certificate.
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REV.	DATE	BY	DESCRIPTION
PL.5	14.11.2022	SG	ISSUED FOR PLANNING
PL.2	11.07.2022	MM	ISSUED FOR PLANNING
PL.1	04.07.2022	AT	ISSUED FOR COMMENTS

Client: **LIDL IRELAND GmbH**

Project Title: **PROPOSED DEVELOPMENT OF LIDL STORE AT NEWCASTLE, DUBLIN, CO. DUBLIN**

Drawing Title: **SITE LAYOUT PLAN SHOWING PROPOSED SERVICES WATERMAINS**

Scale	AS SHOWN	Sheet No	A1	Status	PLANNING
Drawn by	SG	Date	NOVEMBER 2022	Checked	MM
Project No.	22058	Drawing No.	1026	Revision	PL.5