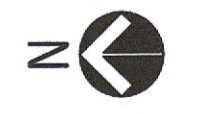


SITE LAYOUT PLAN SHOWING PROPOSED SERVICES

SCALE 1:250

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PROPOSED SITE SERVICES-DRAINAGE	
PROPOSED FOUL SEWER PIPES AS PER IW SPEC	PROPOSED 150mm Foul Sewer @ 1/100
PROPOSED SURFACE WATER PIPELINE	PROPOSED 225mm S.W. Pipe @ 1/200
PROPOSED RISING MAIN PIPELINE	PROPOSED 150mm HDPE RISING MAIN
EXISTING PUBLIC FOUL SEWER PIPELINE	EX. 225mm @ 1/100
EXISTING PUBLIC STORMWATER SEWER PIPELINE	EX. 225mm @ 1/100
PROPOSED 150mm DIAMETER LAND DRAIN	PROPOSED 150mm Land Drain @ 1/100
ULTRASUDS PERMEABLE TARMAc WITH 30% VOID SUBBASE	ULTRASUDS PERMEABLE TARMAc WITH 30% VOID SUBBASE
RAINWATER GARDEN	RAINWATER GARDEN
PROPOSED CLASS D400 MANHOLE COVERS (FOUL (RED) & SURFACE (GREEN))	PROPOSED CLASS D400 MANHOLE COVERS (FOUL (RED) & SURFACE (GREEN))
EXISTING - (FOUL (MAGENTA) & SURFACE (CYAN))	EXISTING - (FOUL (MAGENTA) & SURFACE (CYAN))
PROPOSED ATTENUATION TANK	PROPOSED BYPASS INTERCEPTOR
PROPOSED FINISHED SITE LEVEL 25.255	PROPOSED SITE GRADIENTS 1.5%
PROPOSED ROAD GULLIES WITH HEAVY DUTY GRATES SUITABLE FOR HGV LOADING & CONNECTIONS TO BE 150mm Ø.	PROPOSED ROAD GULLIES WITH HEAVY DUTY GRATES SUITABLE FOR HGV LOADING & CONNECTIONS TO BE 150mm Ø.
MANHOLE LABEL SHOWING REFERENCE NO., COVER LEVEL & INVERT LEVEL: S = SURFACE WATER (GREEN) F = FOUL WATER (RED)	S-1.1 CL=5.050 IL=3.670 F-1.1 CL=5.050 IL=3.670

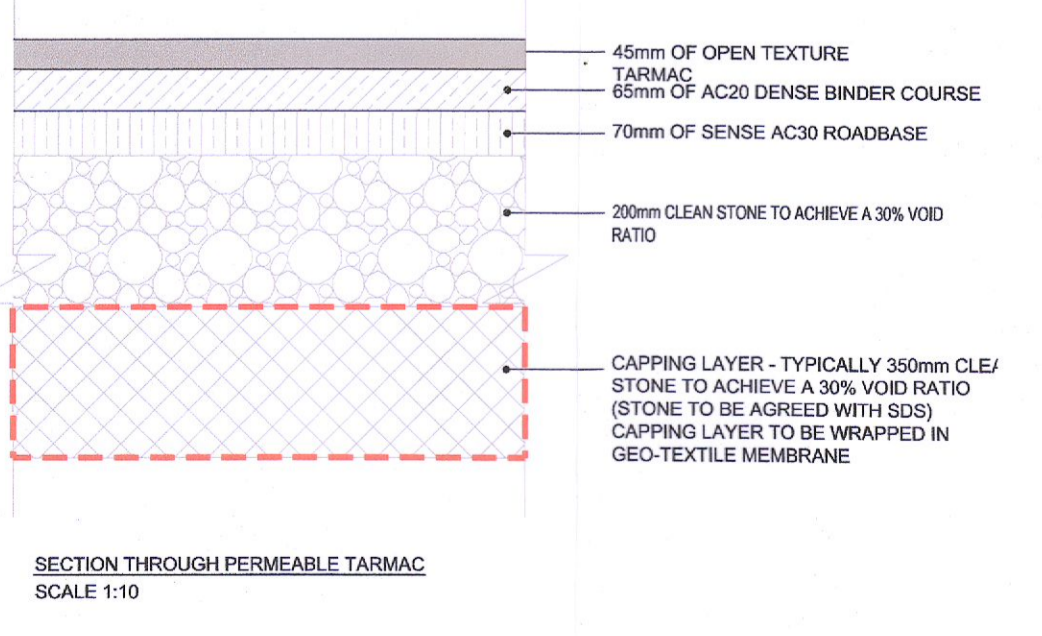
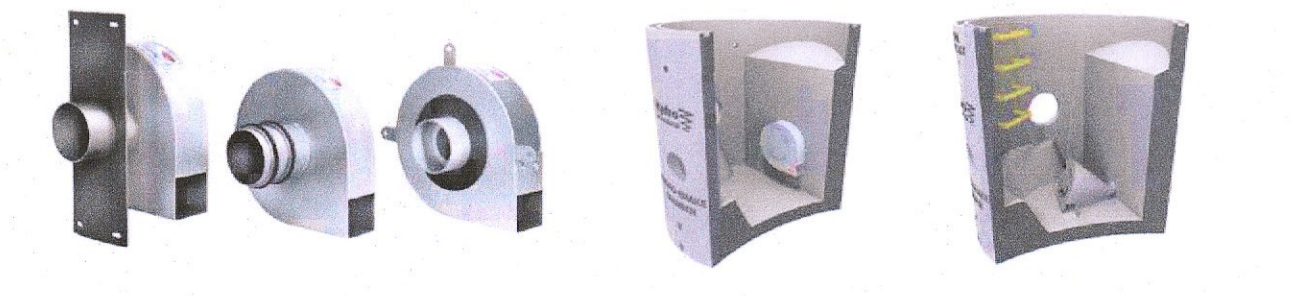
HYDRO BRAKE OPTIMUM DETAILS



**IRISH WATER DISCLAIMER:**  
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© 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 weir 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 CHAMBERS 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 MUDI 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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REV.	DATE:	BY:	DESCRIPTION:
PL.4	14.07.22	MM	ISSUED FOR PLANNING
PL.3	12.07.22	MM	ISSUED FOR PLANNING
PL.2	11.07.22	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**

Scale:	AS SHOWN	Sheet:	A1	Status:	PLANNING
Drawn by:	MM	Date:	JUNE 2022	Checked:	TD
Project No.:	22058	Drawing No.:	1025	Revision:	PL.4