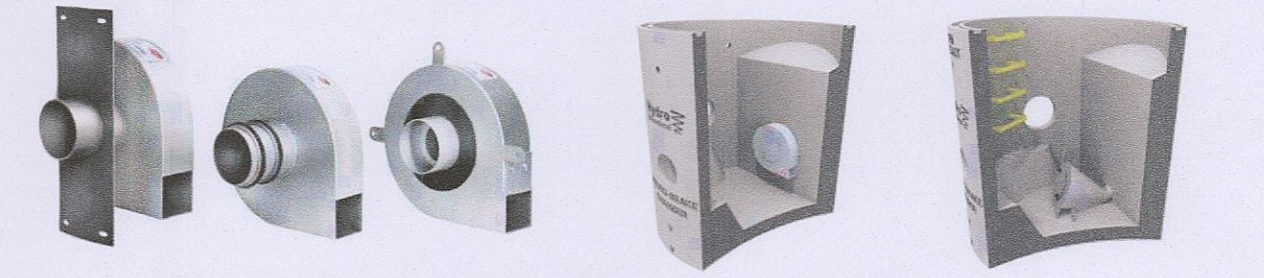




SITE LAYOUT PLAN SHOWING PROPOSED SERVICES
SCALE 1:250

SECTION THROUGH PERMEABLE TARMAK
SCALE 1:10

HYDRO BRAKE OPTIMUM DETAILS
 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 vent wall) for simple plug-and-play installation. There are no set-up or commissioning requirements.



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.
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PROPOSED SITE SERVICES-DRAINAGE	
PROPOSED FOUL SEWER PIPES AS PER IW SPEC	PROCP. 150mm Ø F.W.
PROPOSED SURFACE WATER PIPELINE	PROCP. 225mm Ø S.W.
PROPOSED RISING MAIN PIPELINE	PROCP. 60mm Ø HDPE RISING MAIN
EXISTING PUBLIC FOUL SEWER PIPELINE	EX. 150mm Ø F.W.
EXISTING PUBLIC STORMWATER SEWER PIPELINE	EX. 225mm Ø S.W.
PROPOSED 225mm PERFORATED PIPE	PROCP. 225mm Ø PERFORATED PIPE
PROPOSED CLASS D400 MANHOLE COVERS (FOUL (RED) & SURFACE (GREEN))	CLASS D400
EXISTING - (FOUL (MAGENTA) & SURFACE (CYAN))	CLASS D400
PROPOSED ATTENUATION TANK	PROCP. BYPASS INTERCEPTOR
PROPOSED ROAD GULLIES WITH HEAVY DUTY GRATES SUITABLE FOR HGV LOADING & CONNECTIONS TO BE 150mm Ø	CLASS D400
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
DURAFLOW PERMEABLE TARMAK WITH 225mm PERFORATED PIPE LAID IN 550mm DEEP CLEAN STONE SUB-BASE WITH 30% VOID RATIO. STORAGE VOLUME NOTED IN CYAN TEXT	40m³
RAINWATER GARDEN WITH 225mm PERFORATED PIPE AND OVERFLOW INLET AS PER LANDSCAPE ARCHITECT DRAWING 077622_DC_01 LAID IN 550mm DEEP CLEAN STONE SUB-BASE WITH 30% VOID RATIO. STORAGE VOLUME NOTED IN GREEN TEXT	40m³

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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CIVIL, STRUCTURAL & BUILDING ENGINEERS
 DUBLIN • LONDON • CASTLEBAR • SPAIN
 Head Office: Unit 9, N5 Business Park, Castlebar, Co. Mayo F23 E283. Tel: +353 (0)94 9034914
 Dublin: Silverdale, Old Swinns Road, Dublin 9, D09 CA24. Tel: +353 (0)1 6877480
 London: Bridge House, 25-27 The Bridge, Whitechapel, London, E1 3AB. Tel: +44 (0)20 3026574
 Spain: Calle Virgen de Guadalupe, 44, Urb. 23403, San. info@structuraldesign.ie Web: www.structuraldesign.ie

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REV.	DATE	BY:	DESCRIPTION:
PL.5	14.11.2022	SG	ISSUED FOR PLANNING
PL.4	04.11.2022	SG	ISSUED FOR PLANNING
PL.3	27.10.2022	SG	ISSUED FOR PLANNING
PL.2	11.07.2022	MM	ISSUED FOR PLANNING
PL.1	04.07.2022	AT	ISSUED FOR COMMENTS

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

SCALE: 1:250

DATE: NOVEMBER 2022

PROJECT NO: 22058

DRAWING NO: 1025

REVISION: PL.5

Scale	AS SHOWN	Sheet Size	A1	Status	PLANNING
Drawn by	SG	Date	NOVEMBER 2022	Checked	MM
Project No.	22058	Drawing No.	1025	Revision	PL.5