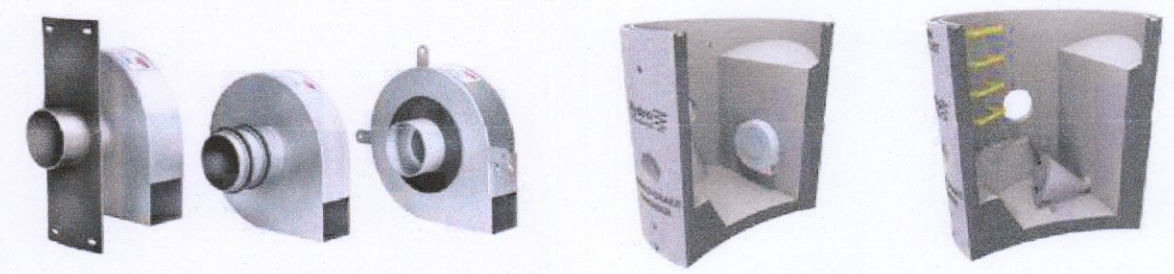


A1

HYDRO BRAKE OPTIMUM DETAILS

Easy to Install

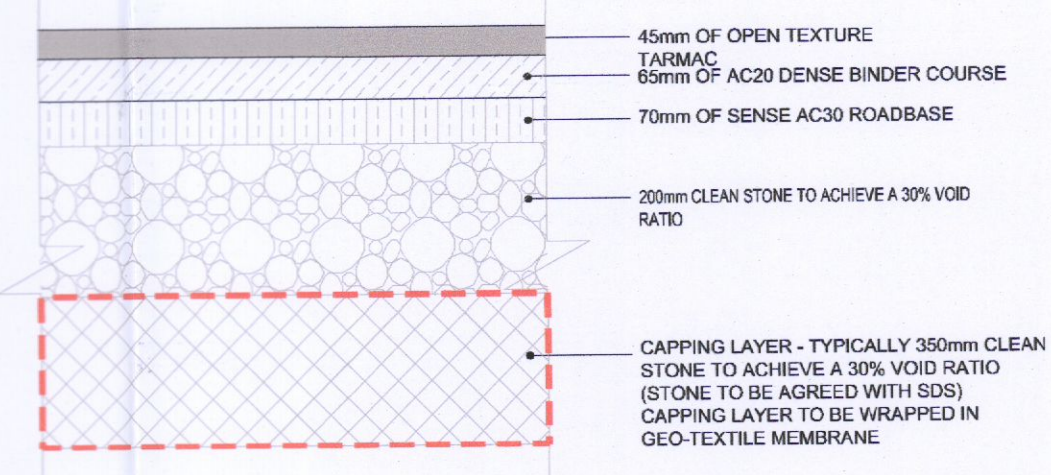
Hydro-Brake® Optimum has a range of mounting options for ease of installation or can be supplied ready fitted into a manhole chamber with or without a weir wall for simple plug-and-play installation. There are no set-up or commissioning requirements.



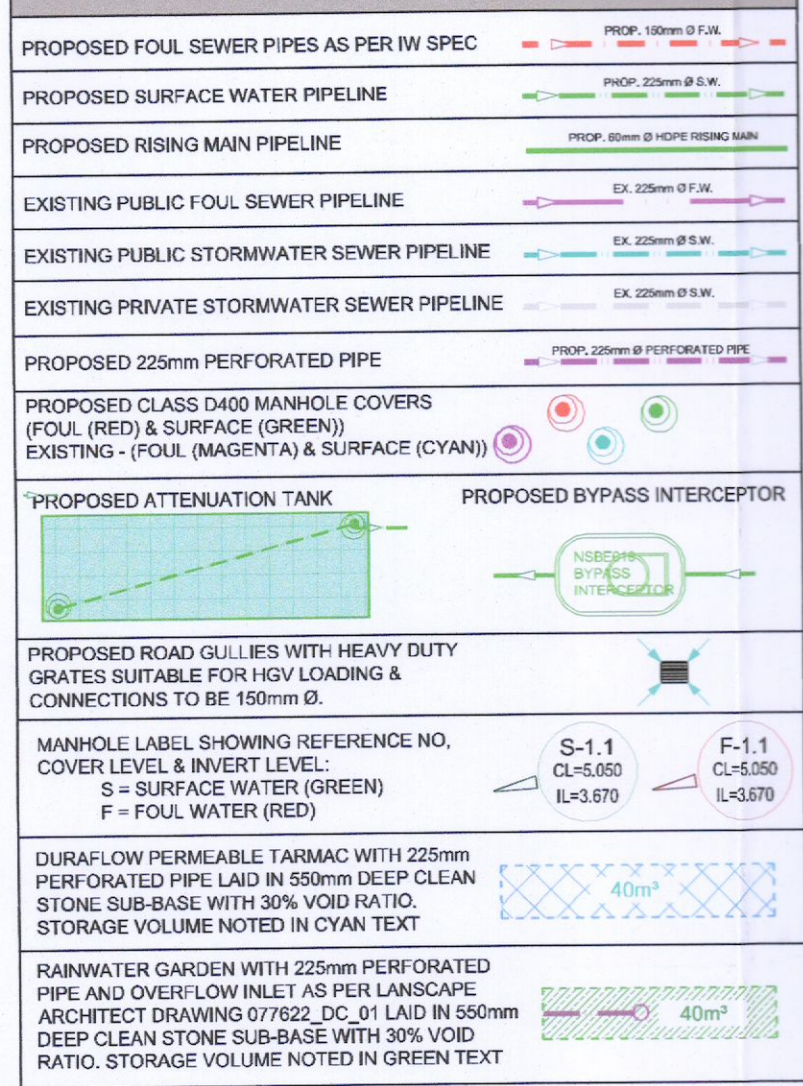
IRISH WATER DISCLAIMER: IRISH WATER GIVES THIS INFORMATION AS TO THE POSITION OF ITS UNDERGROUND NETWORK AS A GENERAL GUIDE ONLY ON THE STRICT UNDERSTANDING THAT IT IS BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY EACH LOCAL AUTHORITY IN IRELAND. IT SHOULD NOT BE RELIED UPON IN THE EVENT OF EXCAVATIONS 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. © IRISH WATER

SECTION THROUGH PERMEABLE TARMAC

SCALE 1:10

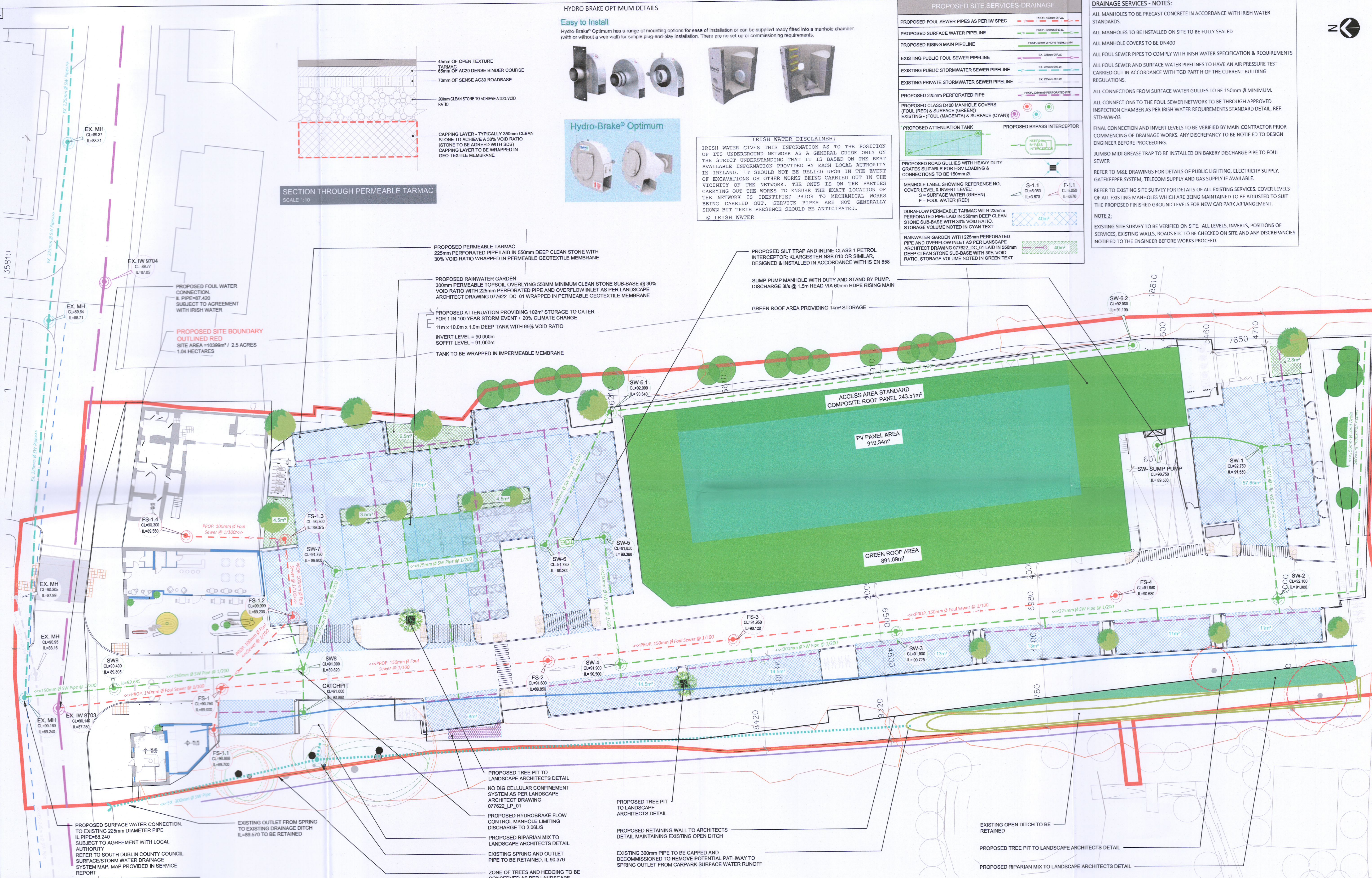


PROPOSED SITE SERVICES-DRAINAGE



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 8 OF THE CURRENT BUILDING REGULATIONS. ALL CONNECTIONS FROM SURFACE WATER GULLIES TO BE 150mm @ 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.



SITE LAYOUT PLAN SHOWING PROPOSED SERVICES

SCALE 1:250

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CIVIL, STRUCTURAL & BUILDING ENGINEERS DUBLIN • LONDON • CASTLEBAR • SPAIN SDS design engineers

Table with columns: REV., DATE, BY, DESCRIPTION. Includes drawing notes and a revision log.

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Table with columns: Scale, Paper Size, Status, Project No., Drawing No., Position. Includes AS SHOWN, A1, PLANNING, 22058, 1025, PL.9.