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NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND ALL RELEVANT ARCHITECTS AND SERVICES ENGINEERS DRAWINGS.
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
- DRAWINGS SHALL BE CHECKED BY CONTRACTOR AND ANY DISCREPANCIES (DIMENSIONS) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE WORK IS COMMENCED.
- ALL WORKS TO BE IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.
- ALL STORM AND FOUL PIPES TO BE UPVC STIFFNESS CLASS 8kN/m². FITTINGS SHALL COMPLY WITH THE PROVISIONS OF IS EN 1401 2009/2012.
- TYPICAL SERVICE LAYOUT SEPARATION DISTANCES, HORIZONTALLY AND VERTICALLY, AS PER IRISH WATER DETAIL STD-WW-05.
- IN LOCATIONS WHERE A SEWER LINE CROSSES OVER A WATERMAIN IS UNAVOIDABLE, JOINTS IN THE WATERMAIN SHALL NOT BE LOCATED DIRECTLY BELOW SURFACE WATER OR WASTEWATER SEWER CROSSINGS.
- ALL GULLY LEADS TO BE 1500.
- THE HYDROPAKE SHALL MEET DESIGNATED FLOW REQUIREMENTS AT THE SPECIFIED DESIGN HEAD.
- CLASS 1 BY-PASS INTERCEPTORS SHOULD BE SIZED APPROPRIATELY (BASED ON FLOW AND DRAINAGE AREA) AND FITTED WITH A VENTILATION PIPE AND AN OIL ALARM. ALL INSTALLATION, HANDLING, EXCAVATION AND MAINTENANCE PROCEDURES SHALL BE CARRIED OUT IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES. THE ALARM MUST HAVE A MESSAGING SYSTEM SO THAT ONCE THE LEVEL OF OIL IS REACHED AND THE ALARM IS ACTIVATED NOTIFICATION IS SENT.
- NON-ROCK SEALED MANHOLES COVERS TO BE INSTALLED ON ALL SERVICE CHAMBERS AND APPROPRIATE IRONWORK COVER AND FRAMES SHALL BE USED THROUGHOUT THE DEVELOPMENT WITH THE APPROPRIATE CERTIFICATION AND MARKINGS.
- IN ADDITION A CCTV SURVEY OF THE ENTIRE STORM SEWER SYSTEM WITH 'AS BUILT'S' ON DIGITAL FORMAT COMPATIBLE TO LIMERICK CITY & COUNTY COUNCIL'S GIS DATA CAPTURE SYSTEMS INCORPORATING COVER AND INVERT LEVELS SHALL BE PROVIDED AND SHALL BE SUBMITTED TO LIMERICK CITY & COUNTY COUNCIL PRIOR TO THE ESTATE BEING TAKEN IN CHARGE.
- CONTRACTOR HAVE A SITE BASED CHARTERED ENGINEER WHO SHALL CERTIFY ALL WORKS IN RELATION TO THE STORM SEWERS, FOUL SEWERS AND WATERMANS TO THE REQUIREMENTS OF IRISH WATER AND LOCAL AUTHORITY.
- CONTRACTOR TO PREPARE 'AS-CONSTRUCTED' DRAWINGS OF ALL UNDERGROUND SERVICES IN DIGITALELECTRONIC FORMAT FOR THE WRITTEN AGREEMENT OF LIMERICK CITY & COUNTY COUNCIL SUITABLE FOR IMPORT INTO MAPDRAIN.
- CONTRACTOR TO CARRY OUT INFILTRATION TEST, PRESSURE TESTS AND CCTV SURVEY, REPORT, AND DRAWING OF ALL PIPES AND MANHOLES.

LEGEND:

STORM NETWORK

FOUL GRAVITY NETWORK

EXISTING COMBINED NETWORK

PERFORATED PIPE

WETLAND TIMBER KNEE FENCE

GULLY

ATTENUATION TANK

GREEN ROOF

PERMEABLE PAVING

TRAFFICABLE ACCESS JUNCTION

D	23/01/25	UPDATED REVISED SITE LAYOUT	JM	PC	BL	BL
C	03/01/25	ADDED PERMEABLE PAVING AND UPDATED WETLAND LOCATION	PC	PC	BL	BL
B	04/10/24	UPDATED CONNECTION LOCATIONS TO EXISTING COMBINED SEWER AND GROODY RIVER	PC	PC	BL	BL
A	12/09/24	UPDATED SURFACE WATER STRATEGY AND EXTENTS OF ATTENUATION TANK	PC	PC	BL	BL
REV	DATE	DESCRIPTION	DR	DES	CHK	APP

CLIENT:
GROODY DEVELOPMENTS LIMITED

ARCHITECT:
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PROJECT:
WHITEBOX STUDENT CAMPUS, GROODY ROAD, NEWCASTLE, CASTLETROY, LIMERICK

TITLE:
FOUL AND STORMWATER LAYOUT

STATUS:
PLANNING APPLICATION

DRAWN: PC	DES. BY: PC
CHK. BY: BL	APP. BY: BL
DATE: 30/08/24	JOB No.
A1 SCALE: 1:500	W0657
DRG. No.	REV. D

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