



LEGEND

EXISTING FOUL SEWER	
EXISTING SURFACE WATER SEWER	
PROPOSED FOUL SEWER	
PROPOSED SURFACE WATER SEWER	
PIPE NUMBER, DIAMETER AND GRADIENT	PN F1.000-225mm@ 1:150
FOUL AND STORM MANHOLE NUMBER, COVER AND INVERT LEVELS	F1 CL 100.00 IL 99.40 S1 CL 100.00 IL 99.40
PROPOSED STORAGE ATTENUATION TANK	
PROPOSED GULLY	
PROPOSED PERMEABLE PAVING	
PROPOSED FOUL WATER INSPECTION CHAMBER	
PROPOSED SURFACE WATER INSPECTION CHAMBER	
PROPOSED ACO DRAIN	
MAJOR PIPE RUNS TO BE SURROUNDED IN 150MM CONCRETE AS PER TYPE 'D' DETAIL SWD-W-08	
150mm Dia PERIMETER LAND DRAIN WITH COLLECTION AJ	

- NOTES**
- All works will be carried out in accordance with the requirements of Irish Water Codes of Practice for Wastewater.
 - The total impermeable runoff from the proposed roof and paved areas amounts to 2640m². The runoff will discharge to 2 no. storage attenuation tanks. Tank no. 1 is sized at 40m³ capacity to take 992m² area runoff and Tank no. 2 is sized at 80m³ capacity to take 1648m² area runoff. Both tanks are designed for the 100 year storm event inclusive of 20% allowance for climate change.
 - Outflow from each attenuation tank will be limited to 1 L/S. Therefore the maximum outflow from the development will be limited to 2 L/S.
 - Finished Floor Levels to be finalised with Architect.
 - All manholes in grassed areas to have 200mm wide x 100mm deep concrete plinth / kerb cast to their perimeter to ensure they are not overgrown. Concrete to be grade C20/C25.
 - External face of all proposed manhole chambers to be minimum 0.5 metre from the kerb line and the external face of the sewers to be minimum 1.0 metre from the kerb line.
 - New manholes constructed over existing Irish Water public sewer to be constructed to Irish Water Standards STD-WW-09, STD-WW-10, AND STD-WW-11
 - Concrete surround in accordance with Irish Water standard detail STD-WW-07 and STD-WW-08 to be provided to all sewers where minimum cover (900mm) is not achieved - note the absolute minimum depth of cover above the external crown of the pipe shall be 750mm.
 - All foul sewer pipe materials shall be in compliance with section 3.13 of the Irish Water Code of Practice for Wastewater.
 - Each house to have individual connections to main sewers as per Irish Water requirements.

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- NOTES**
- For setting out refer to Architect's drawings.
 - This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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Rev. No.	Date	REVISION NOTE
P1	22.10.2020	Revised Site Layout
P2	05.11.2020	Revised Site Layout
P3	03.12.2020	Revised Site Layout
P4	22.01.2021	OS Licence Updated

Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By
AB			AB	NB
AB			AB	NB
JS			JS	NB
JS			JS	NB

Architect	Reddy Architecture + Urbanism
Project	Residential Development Clonattin, Gorey
Title	Proposed Drainage Sheet 3 of 3 CLO-CSC-ZZ-XX-DR-C-0013
Dwg. No.	CLO-CSC-ZZ-XX-DR-C-0013
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Quality Environment I.S. EN ISO 9001:2008
 Certified Energy I.S. EN ISO 14001:2004
 Health & Safety OHSAS 18001:2007