



LEGEND

SITE BOUNDARY	
EXISTING FOUL SEWER (TO BE ABANDONED & REMOVED)	
PROPOSED FOUL SEWER	
PROPOSED FOUL MANHOLE	
PROPOSED SURFACE WATER SEWER	
PROPOSED SURFACE WATER MANHOLE	
PROPOSED SURFACE WATER MANHOLE C/W HYDROBRAKE	
DN225 FILTER DRAIN	
PROPOSED ATTENUATION TANK	
WATER FEATURE	
EXISTING BOXSHORE DRAINS (TO BE DECOMMISSIONED & REMOVED)	
EXISTING OPEN DRAIN (SHANGANAGH PARK)	
EXISTING PIPED DRAIN	
PROPOSED DRAINAGE WITHIN WOODBROOK DEVELOPMENT SITE	

- NOTES :**
- EXISTING POND**
- PROGRAMMING OF WORKS WITHIN 50m OF POND TO BE AGREED IN ADVANCE WITH PROJECT ECOLOGIST
- IMPERMEABLE PAVED AREAS**
- ALLOW FOR 1 GULLY PER 100m² OF PAVED AREAS
 - ALLOW FOR DN150 CONNECTOR PIPES FROM GULLY TO NEAREST MANHOLE OR SURFACE WATER SEWER
 - MAX LENGTH OF CONNECTOR PIPE = 15m
 - ALL CONNECTIONS TO SURFACE WATER SEWER TO BE MADE WITH PROPRIETARY FITTING
- PERMEABLE PAVED AREAS, RAIN GARDENS & SWALES**
- ALL PERMEABLE PAVING AND RAIN GARDENS WILL REQUIRE A 150mm DIAMETER FILTER DRAIN THAT WILL CONNECT TO ADJACENT SURFACE WATER DRAINAGE
 - FILTER DRAINS FOR PERMEABLE PAVING AND SWALES OMITTED FOR CLARITY
- FOUL SEWERS**
- ALL FOUL MAIN RUN WORKS TO COMPLY WITH IRISH WATER REQUIREMENTS

Ordnance Survey Ireland Licence No. EN 0003720
© Ordnance Survey Ireland/Government of Ireland

**FOR DRAINAGE DESIGN TABLES
REFER TO DRAWING 182-134-002**

© PUNCH Consulting Engineers
This drawing and any design hereon is the copyright of the Consultants and must not be reproduced without their written consent. All drawings remain the property of the Consultants. Figured dimension only to be taken from this drawing. Consultants to be informed immediately of any discrepancies before work proceeds.

Date Drawn: 2019-11-18
Drawn By: P.J. Mulcahy
Date Issued: 2020-01-15
Issued By: P.J. Mulcahy



Rev	Amendment	By	Date
PR1	REVISED LANDSCAPING & SITE LAYOUT - SITE BOUNDARY REVISED	PJM	2019-12-04
PR2	REVISED SITE LAYOUT	PJM	2019-12-19
PL0	ISSUED FOR PLANNING	PJM	2020-01-15

Client:

Job: RESIDENTIAL DEVELOPMENT SHANGANAGH CASTLE
Title: PROPOSED DRAINAGE LAYOUT - SHEET 3

PUNCH consulting engineers
Dublin | Limerick | Cork | Galway | Glasgow
Carnegie House, Library Road, Dun Laoghaire, Co. Dublin, A96 C7W7
IRL: +353 1 271 2200 www.punchconsulting.com

Stage: PLANNING
Scale @ A1: 1:500
Technician Check: P.J. Mulcahy
Engineer Check: Mark Richardson
Approved: Leonard Brennan
Drawing No: 182-134-003
Rev: PL0