

**GENERAL NOTES:**

- This drawing to be read in conjunction with relevant Architectural, Mechanical/Electrical and Engineers drawings and specifications.
- All dimensions are in millimetres (mm).
- All levels refer to Malin Head Datum.
- Use figured dimensions only. Do not scale from this drawing. All dimensions to be checked on site.
- Report any discrepancies to Engineer immediately.
- Surface Water Drainage works should comply with:
  - Requirements of BS 8005: Part 1 and BS 830.
  - "Recommendations for Site Development Works for Housing Areas" by Department of the Environment and Local Government 1998.
- Pipes shall be laid with a minimum cover of 1.2m in roads and driveways. 0.9 m in open spaces and footpaths not adjacent to carriageway and 0.9 m in gardens. Where it is not possible to achieve these minimum covers, pipes shall be bedded and surrounded in concrete 150 mm thick subject to the Engineer's approval.
- Surface Water Drains shall be tested by the following methods:
  - Water test  
Surface water sewers shall be tested for a minimum of 30 minutes and the test head of water shall be not less than 1 meter over the crown at the high point and not more than 2 metres of water over the crown at low points of the line under test. Acceptance criteria for the maximum allowable loss of water per hour per 100 linear meters of pipe shall be as given in Table 7 unless otherwise approve.

Where the surface water drains fail the appropriate tests, remedial work shall be subject to approval.

  - Air test  
Air shall be pumped into the section of drain under test until a pressure of 100 mm of water is indicated on a U-tube connected to the system. The air pressure shall not fall to less than 75-mm head of water during a period of 5 minutes without further pumping, after a period of stabilization.

Failure to pass this test is not conclusive and, when failure does occur, a water test as specified in (A) shall be carried out. Acceptance or rejection of the line under test shall be based on the results of this water test.
- A CCTV survey of the public storm sewerage systems in the vicinity of the proposed development shall be undertaken prior to commencement and again on completion. The scope of the surveys shall be agreed in writing in advance, with the relevant authorities.
- No public storm sewer shall be damaged as a result of the proposed development.
- Foul sewers shall be tested in accordance with Section 4.10 of Irish Water Code of Practise for Wastewater Infrastructure Connections and Developer Services Document IW-CDS-5030-03.
- All pipes & fittings to be laid to Irish Water Standards. Please refer to Irish Water Wastewater Infrastructure Standard Details Connections and Developer Services Document Number IW-CDS-5030-01 And Irish Water Code of Practise for Wastewater Infrastructure Connections and Developer Services Document IW-CDS-5030-03.
- All drainage shall be separated throughout.

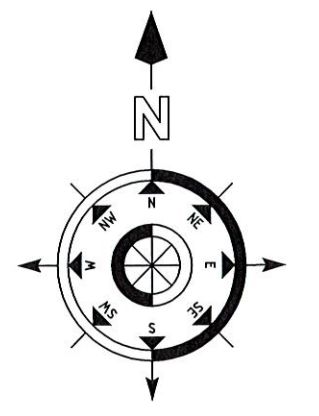
**LEGEND:**

	SITE OUTLINED IN RED
	PROPOSED 150mm Ø FOUL SEWER
	PROPOSED 225mm Ø STORM DRAIN
	PROPOSED LINEAR SURFACE WATER DRAINAGE SYSTEM INCLUDING SUMP
	PROPOSED 100mm Ø FOUL SEWER
	PROPOSED STORM MANHOLE No.01
	PROPOSED FOUL MANHOLE No.02
	INSPECTION CHAMBER
	PROPOSED ROAD GULLY



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Notes



**PROPOSED DRAINAGE LAYOUT**  
SCALE 1:500

P	June 22	ME	Issued for Part B Planning	PF
Rev	Date	Drawn	Description	Ch'kd

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Client:  
**Cetti Ltd.**

Project:  
**Proposed Development**  
At Scairt, Greenvalley, Douglas, Cork City.

Drawing Title:  
**Proposed Drainage Layout**

Designed: PF	Drawn: ME	Date: June 2022
Eng Chk: PF	Dwg Chk: PF	Scale: 1:500 @ A3
Project No: 0567003	Status: Planning	Rev: P
Drawing No: 1002		