



LEGEND

- DENOTES EXTENT OF PROPOSED SITE BOUNDARY (8388.84m²)
- DENOTES EXTENT OF EXISTING BUILDINGS (405.10m²)
- DENOTES EXTENT OF EXISTING HARDSTANDING AREA (2548.22m²)
- DENOTES EXTENT OF EXISTING LANDSCAPE AREA (3435.52m²)
- ↑↑↑↑ EXISTING OVERLAND FLOW DIRECTIONAL ARROWS

EXISTING SURFACE WATER DISCHARGE RATE:-
 THE EXISTING SURFACE WATER DRAINAGE SYSTEM PRE-DATES ANY SUDS REGULATIONS THEREFORE HAS A FREE DISCHARGE INTO PUBLIC SURFACE WATER SEWER SERVING THIS DEVELOPMENT.

THE EXISTING SURFACE WATER RUNOFF DISCHARGE RATE HAS BEEN CALCULATED IN ACCORDANCE WITH BS-EN 752-4 DRAINS & SEWER SYSTEMS OUTSIDE BUILDING REGULATIONS.

BASED ON 50mm OF RAIN INTENSITY THE EXISTING SURFACE WATER RUNOFF RATE FOR PRE-DEVELOPMENT DISCHARGE = 41.05 L/Sec. (FOR HARDSTANDING AREAS ONLY).

Rev.		By	Appr'd	Date
Client Morrison Community Care Group				
Development Residential Care Home Taylors Lane, Rathfarnham Dublin				
Drawing Title Existing Overland Flow Layout				
Scale at A1 1:250	Date Nov. 2021	Drawn G.R.Porch	Approved G.R.Porch	

Cowal Design Consultants
 Civil & Structural Engineering • Development Services

Dublin- 01369 707 692 Glasgow- 0141 406 1688
 London- 020 3856 8144 Oban-01631 571 280

WEB-www.cowaldesign.co.uk
 Email-info@cowaldesign.co.uk

Copyright, Design and Patents Act 1988
 This drawing must not be reproduced without the permission of
 Cowal Design Consultants Ltd.

Status Planning	
Drawing No. 21-3406-C-003	Rev. -