



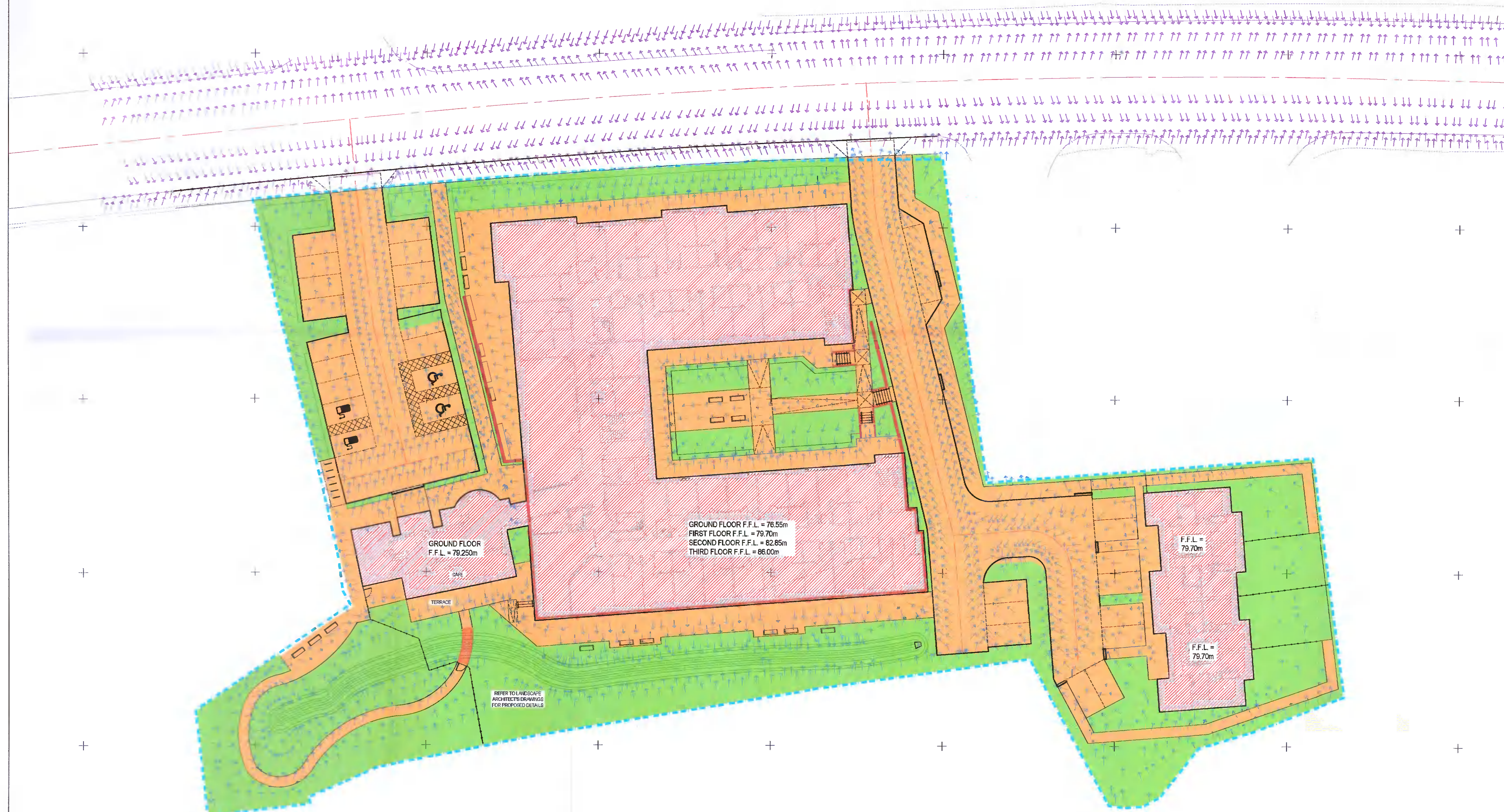
LEGEND

- DENOTES EXTENT OF PROPOSED SITE BOUNDARY (6388.84m²)
- DENOTES EXTENT OF PROPOSED BUILDING ROOF AREAS (1988.95m²)
- DENOTES EXTENT OF PROPOSED HARDSTANDING AREAS (1850.41m²)
- DENOTES EXTENT OF PROPOSED LANDSCAPE AREAS (2548.48m²)
- PROPOSED OVERLAND FLOW DIRECTIONAL ARROWS
- EXISTING OVERLAND FLOW DIRECTIONAL ARROWS

PROPOSED SURFACE WATER DISCHARGE RATE:-
 THE MICRO DRAINAGE ICP SUDS MEAN ANNUAL FLOOD GREENFIELD RUNOFF FOR PROPOSED ROOF & HARDSTANDING AREAS ONLY:-

QBAR: 0.1 Litres/Sec. (1hr1 YEAR)
 QBAR: 0.2 Litres/Sec. (1hr2 YEAR)
 QBAR: 0.5 Litres/Sec. (1hr50 YEAR)
 QBAR: 0.6 Litres/Sec. (1hr100 YEAR)
 QBAR: 0.7 Litres/Sec. (1hr200 YEAR)

THE PROPOSED SURFACE WATER DISCHARGE WILL BE RESTRICTED TO THE MAXIMUM ALLOWABLE RESTRICTION RUNOFF OF 5.0 Litres/Sec. AS PER SUDS DESIGN MANUAL DURING ALL FLOOD EVENTS UP TO 100yr STORM RETURN PLUS 40% CLIMATE CHANGE (SUBJECT TO LOCAL AUTHORITY APPROVAL).



GROUND FLOOR F.F.L. = 79.250m
 TERRACE

GROUND FLOOR F.F.L. = 76.55m
 FIRST FLOOR F.F.L. = 79.70m
 SECOND FLOOR F.F.L. = 82.85m
 THIRD FLOOR F.F.L. = 86.00m

F.F.L. = 79.70m

F.F.L. = 79.70m

REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR PROPOSED DETAILS

<p>Rev. _____</p> <p>Client: Morrison Community Care Group</p> <p>Development: Residential Care Home Development Taylors Lane, Rathfarnham Dublin</p> <p>Drawing Title: Proposed Overland Flow Layout</p> <p>Scale at A1: 1:250</p> <p>Date: Nov. 2021</p> <p>Drawn: G.R.Porch</p> <p>Approved: G.R.Porch</p>	<p>By: _____</p> <p>Appr'd: _____</p> <p>Date: _____</p>
<p>Cowal Design Consultants Civil & Structural Engineering • Development Services</p> <p>Dunoon- 01389 707 852 Glasgow- 0141 406 1688 London- 020 3856 8144 Oban- 01831 571 280</p> <p>WEB-www.cowaldesign.co.uk Email-info@cowaldesign.co.uk</p> <p><small>Copyright, Designs and Patents Act 1988 This drawing must not be reproduced without the permission of Cowal Design Consultants Ltd.</small></p>	
<p>Phase: Planning</p> <p>Drawing No: 21-3406-C-004</p>	