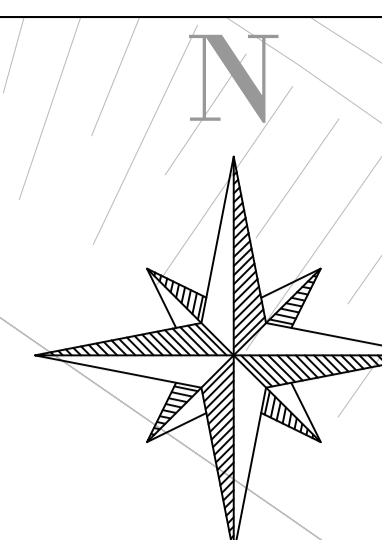


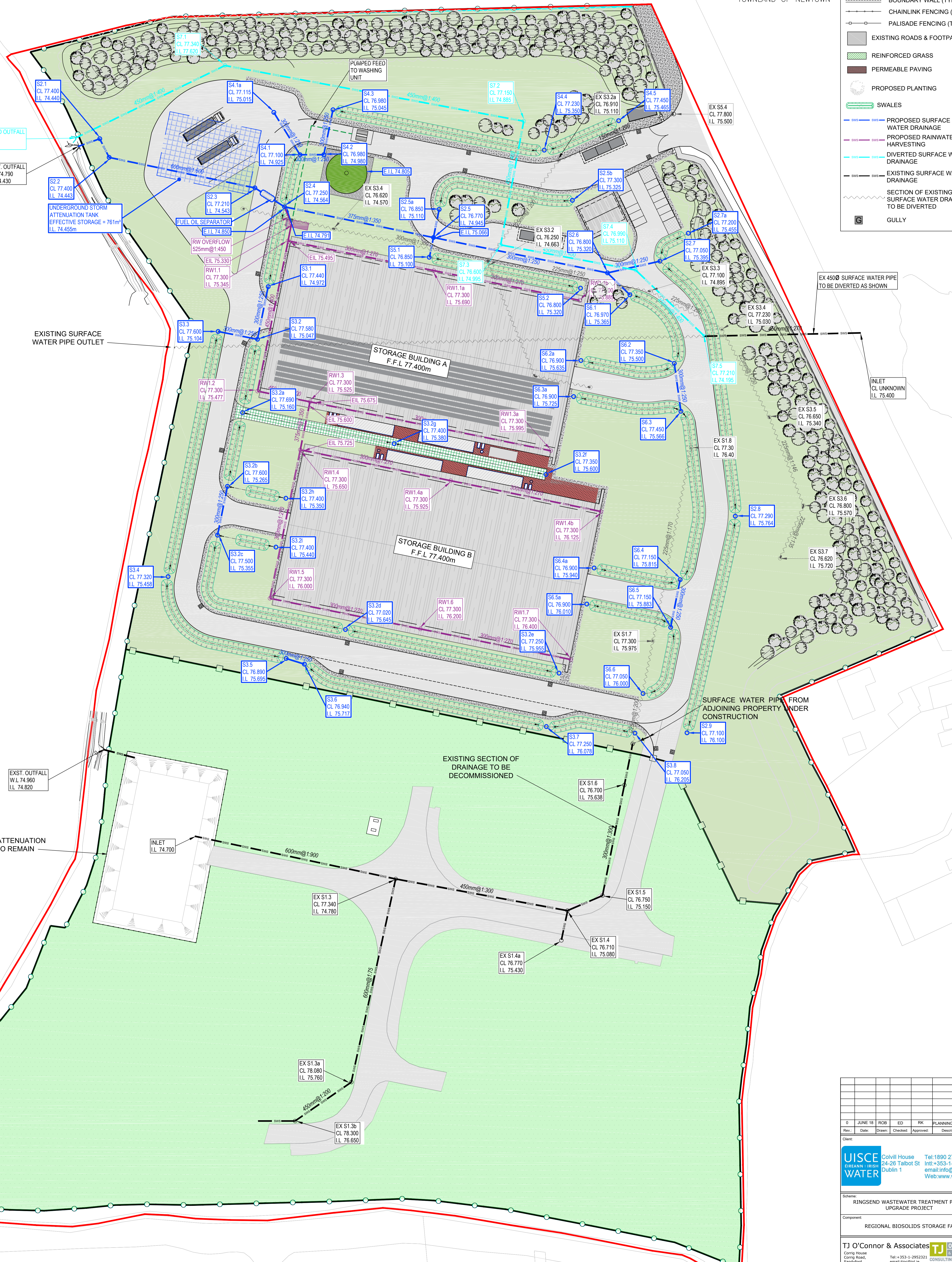
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 T.J. O'Connor and Associates  
 Royal Haskoning DHV 2014

1. All levels are in metres and relate to O.S. Datum MALIN.  
 2. This drawing is reproduced from digital maps:  
 O.S. MAPS - Scale 1:2500  
 O.S. MAPS - Scale 1:1000  
 Discovery Series - Scale 1:50000  
 3. All Maps are referenced to IRISH NATIONAL GRID (I.T.M.)  
 4. Reproduced from the Ordnance Survey of Ireland by Permission of the Government. License No. 3/3/04.



TOWNLAND OF NEWTOWN

- LEGEND:**
- SITE DEVELOPMENT BOUNDARY
  - BOUNDARY WALL (TYPE 1)
  - CHAINLINK FENCING (TYPE 2)
  - PALISADE FENCING (TYPE 3)
  - EXISTING ROADS & FOOTPATH
  - REINFORCED GRASS
  - PERMEABLE PAVING
  - PROPOSED PLANTING
  - SWALES
  - PROPOSED SURFACE WATER DRAINAGE
  - PROPOSED RAINWATER HARVESTING
  - DIVERTED SURFACE WATER DRAINAGE
  - EXISTING SURFACE WATER DRAINAGE
  - SECTION OF EXISTING SURFACE WATER DRAINAGE TO BE DIVERTED
  - GULLY



PROPOSED OUTFALL  
 W.L. 74.790  
 I.L. 74.475

EXST. OUTFALL  
 W.L. 74.790  
 I.L. 74.430

UNDERGROUND STORM  
 ATTENUATION TANK  
 EFFECTIVE STORAGE = 761m<sup>3</sup>  
 I.L. 74.455m

EXISTING SURFACE  
 WATER PIPE OUTLET

STORAGE BUILDING A  
 F.F.L. 77.400m

STORAGE BUILDING B  
 F.F.L. 77.400m

EXISTING ATTENUATION  
 POND TO REMAIN

EXISTING SECTION OF  
 DRAINAGE TO BE  
 DECOMMISSIONED

SURFACE WATER PIPE FROM  
 ADJOINING PROPERTY UNDER  
 CONSTRUCTION

EX 4500 SURFACE WATER PIPE  
 TO BE DIVERTED AS SHOWN

INLET  
 CL UNKNOWN  
 I.L. 75.400

EX S3.5  
 CL 76.650  
 I.L. 75.340

EX S3.6  
 CL 76.800  
 I.L. 75.570

EX S3.7  
 CL 76.620  
 I.L. 75.720

EX S1.8  
 CL 77.300  
 I.L. 76.400

EX S1.8  
 CL 76.700  
 I.L. 75.638

EX S1.7  
 CL 77.300  
 I.L. 75.975

EX S1.5  
 CL 76.750  
 I.L. 75.150

EX S1.4  
 CL 76.710  
 I.L. 75.080

EX S1.4a  
 CL 76.770  
 I.L. 75.430

EX S1.3  
 CL 77.340  
 I.L. 74.780

EX S1.3a  
 CL 78.080  
 I.L. 75.760

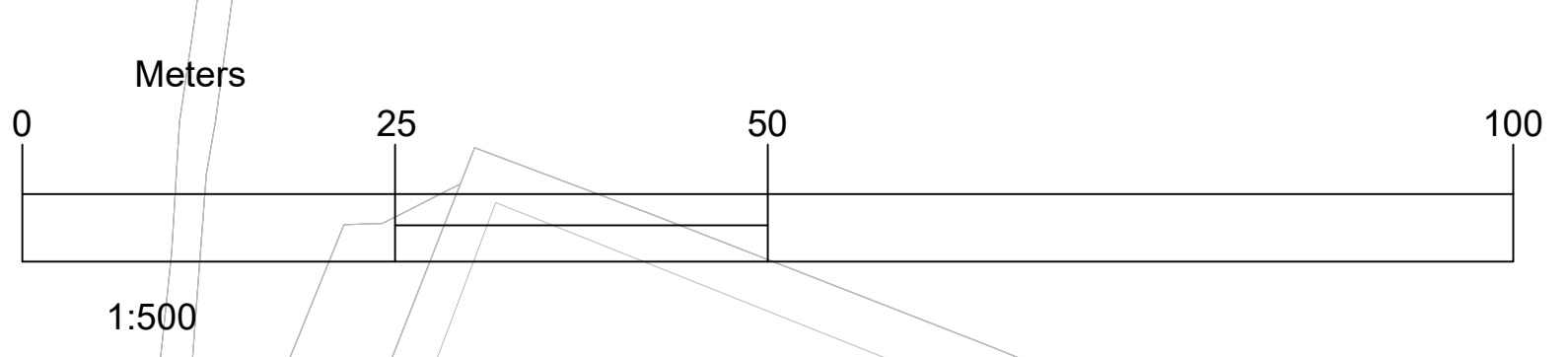
EX S1.3b  
 CL 78.300  
 I.L. 76.650

EX S3.4  
 CL 76.620  
 I.L. 75.030

EX S3.2  
 CL 76.970  
 I.L. 75.365

EX S3.3  
 CL 77.100  
 I.L. 75.485

EX S3.4  
 CL 76.970  
 I.L. 75.365



Rev.	Date	Drawn	Checked	Approved	Description
0	JUNE 18	ROB	ED	RK	PLANNING APPLICATION

Client:						
Company:	<b>UISCE WATER</b>					
Address:	Colville House 24-26 Talbot St Dublin 1 Tel: +353-1-252232 Int: +353-1-707 2628 email: info@uisce.ie Web: www.uisce.ie					
Project:	RINGSEND WASTEWATER TREATMENT PLANT UPGRADE PROJECT					
Component:	REGIONAL BIOSOLIDS STORAGE FACILITY					
Design:	<b>TJ O'CONNOR &amp; ASSOCIATES</b>					
Address:	Conry Road, Santry, Dublin 15, Ireland Tel: +353-1-2952323 email: info@tjoa.ie Web: www.tjoa.ie					
Design:	<b>J. B. Barry and Partners</b>					
Address:	Clason House Dundrum Business Park Dundrum Road Dublin 14 Tel: +353-1-485 1400 email: info@jbarry.ie Web: www.jbarry.ie					
Design:	<b>Royal HaskoningDHV</b>					
Address:	PO Box 1133 3800 EC Amsterdam The Netherlands Tel: +31-88-1482000 email: info@rhdhv.com Web: www.royalhaskoningdhv.com					
Drawn By:	ROB	Checked By:	ED	Approved By:	RK	
Date:	JUN 2018					
Client Project Ref:	RW-RGD/10000308	Project Stage:	PLANNING			
Internal Project Ref:	Ring1/BB-177021/JOC-14040/RHDHV-BB4342					
Drawing Title:	SURFACE WATER DRAINAGE LAYOUT					
Scale:	1:500(A0) NTS(A3)					
Drawing Register No:	015	Drawing No.:	Y17702-PL-015		Rev:	0