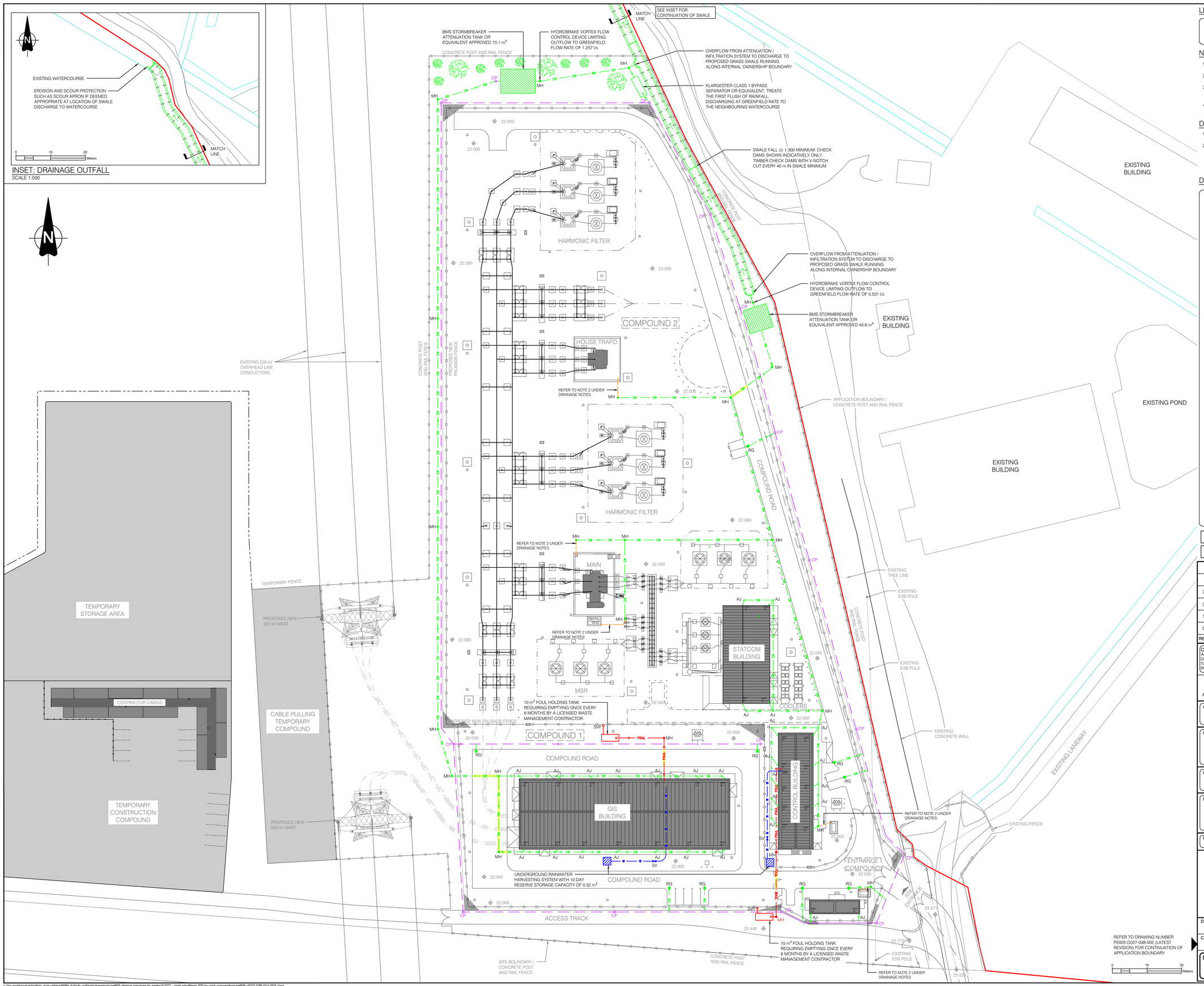
INSET: DRAINAGE OUTFALL
SCALE 1:500



LEGEND:

APPLICATION BOUNDARY
PROPOSED LEVEL

NOTES:

1. CO-ORDINATES TO ITM GRID.
2. ALL LEVELS ARE IN METRES TO MALIN HEAD ORDNANCE DATUM.
3. ALL DIMENSIONS ARE IN mm. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS.
4. FOR SUBSTATION LAYOUT, REFER TO DRAWING PE605-D027-038-004 (LATEST REVISION)

DRAINAGE NOTES:

1. FOR DRAINAGE DETAILS, REFER TO DRAWING PE605-D027-038-015 (LATEST REVISION).
2. ALL BUNDS TO BE FITTED WITH SCS001 OR EQUIVALENT APPROVED OIL SENSITIVE BUND. DE-WATERING SYSTEM (1LIS WITH LOW SHEAR VORTEX PUMP WITH OIL SEPARATION DETECTION) ENTEXOL SCS002 OR SIMILAR APPROVED INTEGRATED CLASS 1 FULL RETENTION OIL SEPARATOR WITH INDEPENDENT CERTIFICATION OF COMPLIANCE TO BS EN 858.

DRAINAGE LEGEND:

PROPOSED SURFACE WATER — SW
PROPOSED CONCRETE ENCASED SURFACE WATER — SW
PROPOSED SURFACE WATER MANHOLE — MH
PROPOSED GULLY — GY
PROPOSED SURFACE WATER AJ — AJ
PROPOSED SURFACE WATER DISCHARGE HEADWALL
PROPOSED OIL SEPARATOR
PROPOSED STORMBREAKER ATTENUATION TANK
PROPOSED GRASS SWALE
PROPOSED ROAD GULLY — RG
PROPOSED RAIN WATER PIPE & GULLY TRAP — RWP/GT
PROPOSED LAND DRAIN
PROPOSED CATCH PIT — CP
PROPOSED RAINWATER HARVESTING SYSTEM
PROPOSED WATER SUPPLY — W
PROPOSED SLUICE VALVE — SV
PROPOSED FOUL WATER — FOUL
PROPOSED CONCRETE ENCASED FOUL WATER — FOUL
PROPOSED FOUL WATER MANHOLE — MH
PROPOSED FOUL WATER AJ — AJ
PROPOSED SOIL VENT PIPE — SVP
PROPOSED RISING MAIN
EXISTING WATERCOURSE

TAILTE ÉIREANN VECTOR MAP 2010 IS SHOWN ON THIS DRAWING

Tailte Éireann Licence No. EN 0023719-24 © Tailte Éireann/Government of Ireland

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
3	21.02.24	DRAINAGE OUTFALL & PROJECT TITLE REVISED	SB	HG	MV	MH
2	21.08.23	COMPOUND 1 AND COMPOUND 2 REVISED, LEVELS AND TEXT DESCRIPTIONS REVISED, PRODUCTION UNIT REVISED, EXISTING BLDGS ADDED, LAYOUT SIMPLIFIED, SCALE BAR ADDED	SB	AK	HG	MH
1	20.05.21	SURFACE WATER CAPTURE, FOUL WATER AND WATER SUPPLY SYSTEMS INDEPENDENTLY SEGREGATED BETWEEN THE TSO AND IPP COMPOUNDS.	RK	AK	HG	RMcG
0	16.12.20	INITIAL VERSION	RK	AK	HG	RMcG

COPYRIGHT © ESB
ALL RIGHTS RESERVED. NO PART OF THIS WORK MAY BE MODIFIED, REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS - GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, TAPING OR USED FOR ANY PURPOSE OTHER THAN ITS DESIGNATED PURPOSE, WITHOUT THE WRITTEN PERMISSION OF ESB.

PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED

CLIENT APPROVAL ☐ PLANNING ☒ TENDER ☐ CONSTRUCTION ☐ AS-BUILT ☐

CLIENT: Oriel Windfarm Limited

PROJECT: Oriel Wind Farm Project

CONTRACT:

DRAWING TITLE: ONSHORE SUBSTATION PROPOSED DRAINAGE PLAN

PRODUCTION UNIT: Civil, Environmental and Renewable Engineering

Energy for generations
Engineering and Major Projects,
One Dublin Airport Central, Dublin Airport,
Cloghran, Co. Dublin, K67 XF72, Ireland.
Tel: +353 (0)1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB.

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
S.Bolton	H.Griffin	M.Vaughan	M.Hogan	23/02/2024
CLIENT REF		NO. OF SHTS	SIZE	SCALE
TC223815		1	A1	1:500

DRAWING NUMBER: PE605-D027-038-014-003
SHEET
REV

c:\bc-workspace\bolton_sim-virtapp928s,d-high voltage\drawings\pe605 design services to aertech\027 - oriel windfarm 220 kv grid connection\pe605-d027-038-014-003.dwg