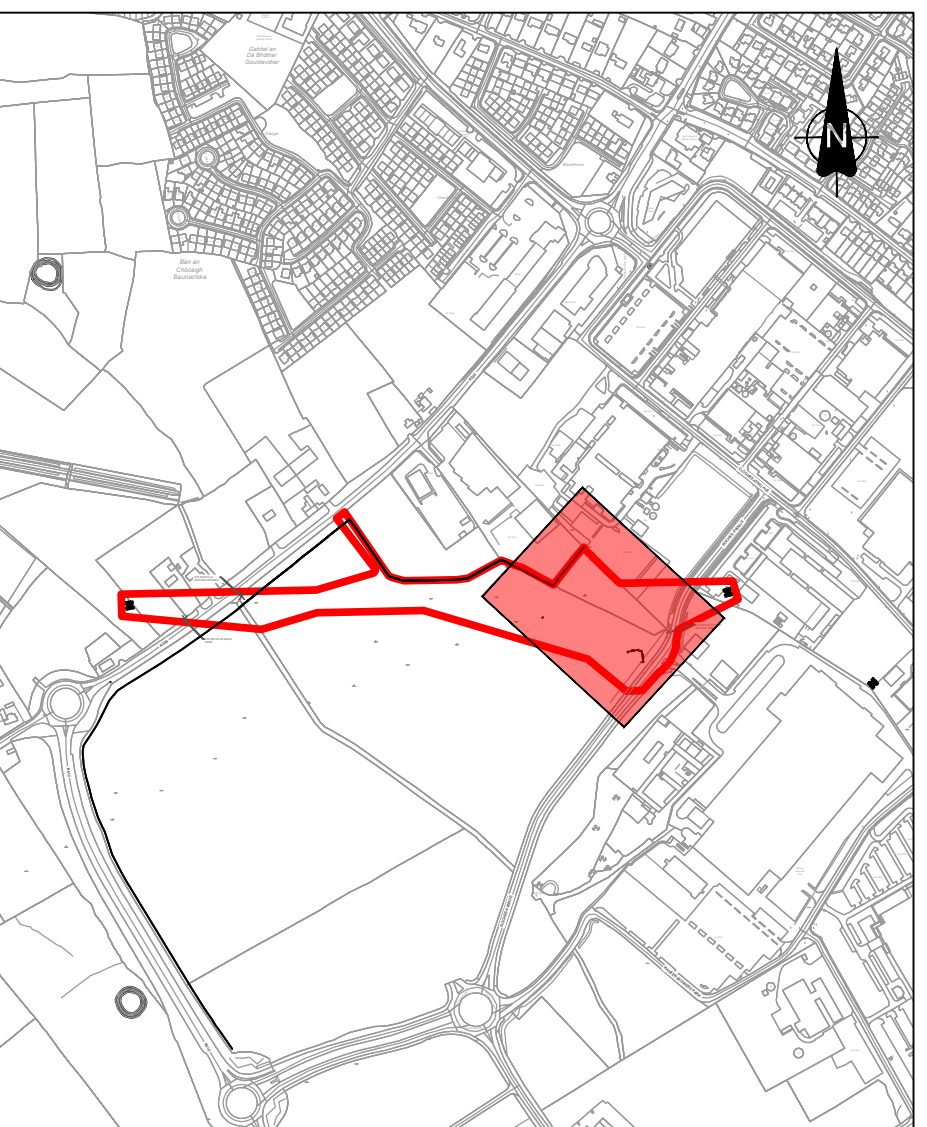
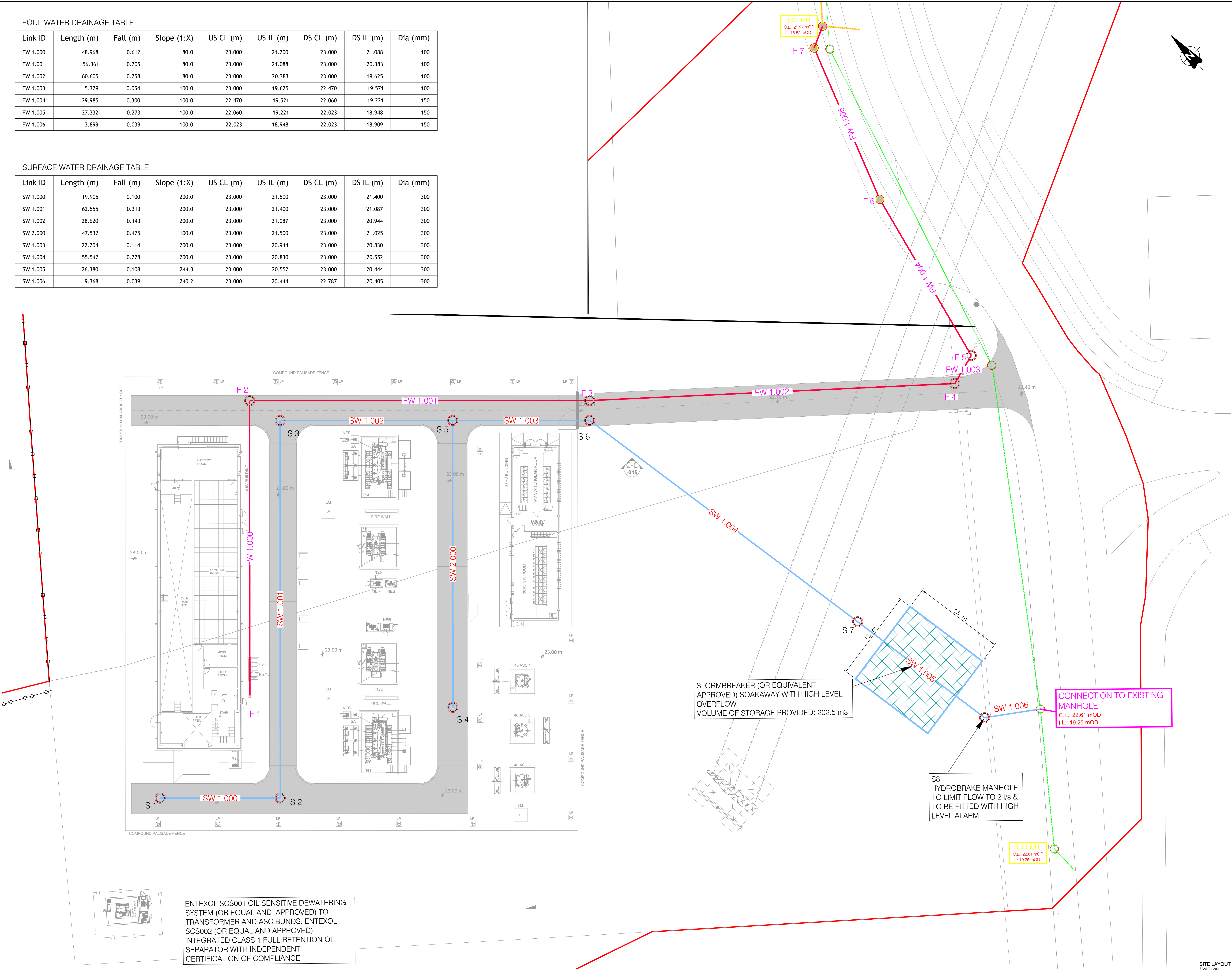


FOUL WATER DRAINAGE TABLE

Link ID	Length (m)	Fall (m)	Slope (1:X)	US CL (m)	US IL (m)	DS CL (m)	DS IL (m)	Dia (mm)
FW 1.000	48.968	0.612	80.0	23.000	21.700	23.000	21.088	100
FW 1.001	56.361	0.705	80.0	23.000	21.088	23.000	20.383	100
FW 1.002	60.605	0.758	80.0	23.000	20.383	23.000	19.625	100
FW 1.003	5.379	0.054	100.0	23.000	19.625	22.470	19.571	100
FW 1.004	29.985	0.300	100.0	22.470	19.521	22.060	19.221	150
FW 1.005	27.332	0.273	100.0	22.060	19.221	22.023	18.948	150
FW 1.006	3.899	0.039	100.0	22.023	18.948	22.023	18.909	150

SURFACE WATER DRAINAGE TABLE

Link ID	Length (m)	Fall (m)	Slope (1:X)	US CL (m)	US IL (m)	DS CL (m)	DS IL (m)	Dia (mm)
SW 1.000	19.905	0.100	200.0	23.000	21.500	23.000	21.400	300
SW 1.001	62.555	0.313	200.0	23.000	21.400	23.000	21.087	300
SW 1.002	28.620	0.143	200.0	23.000	21.087	23.000	20.944	300
SW 2.000	47.532	0.475	100.0	23.000	21.500	23.000	21.025	300
SW 1.003	22.704	0.114	200.0	23.000	20.944	23.000	20.830	300
SW 1.004	55.542	0.278	200.0	23.000	20.830	23.000	20.552	300
SW 1.005	26.380	0.108	244.3	23.000	20.552	23.000	20.444	300
SW 1.006	9.368	0.039	240.2	23.000	20.444	22.787	20.405	300



LEGEND	
PROPOSED PLANNING BOUNDARY	—
EXISTING SURFACE WATER SEWER (FROM RECORDS)	— 150 —
EXISTING SURFACE WATER MANHOLE	SMH1 CL IL
PROPOSED SURFACE WATER SEWER	S1.001
PROPOSED SURFACE WATER MANHOLE	S1-0
PROPOSED SOAKAWAY TANK	150
EXISTING FOUL SEWER (FROM RECORDS)	— 150 —
EXISTING FOUL MANHOLE	FMH1 CL IL
PROPOSED FOUL SEWER	FW 1.001
PROPOSED FOUL MANHOLE	FX
PROPOSED FOUL AJ	FX

0	AUG 05	ISSUED FOR PLANNING	DRN	PRD	VER	APP
REV	DATE	REVISION DESCRIPTION	DRN	PRD	VER	APP
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PURPOSE OF ISSUE: PRELIMINARY UNLESS INDICATED						
CLIENT	APPROVAL	PLANNING	TENDER	CONSTRUCTION	AS-BUILT	
CLIENT ESB NETWORKS						
PROJECT Ballycummin 110 kV Substation						
CONTRACT I_EL0419						
DRAWING TITLE BALLYCUMMIN 110 kV SUBSTATION PLANNING PROPOSED DRAINAGE LAYOUT						
PRODUCTION UNIT Transmission and Distribution Delivery						
 Engineering and Major Projects, One Dublin Airport Central, Dublin Airport, Clonsilla, Co. Dublin, K67 XFF2, Ireland. Tel: +353 (0)1 708 8000 Web: www.esb.ie Engineering and Major Projects is a division of ESB.						
DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE		
L.McManus	Fanning, P.	d.ram	H.Griffin	30/09/2025		
CLIENT REF	NO. OF SHEETS	SIZE	SCALE			
TC284417	1	A0	1:200			
DRAWING NUMBER				SHEET REV		
PE492-D184-067-017-001						