



- Notes
- General
- Design suitable for Planning purposes only. Not suitable for Construction.
 - Do not scale this drawing.
 - All levels are in metres above Malin Head datum.
- Drainage
- Bunded areas (transformers and arc suppression coils) to be de-watered via oil/water separator pumps.
 - Layout and size of water supply and drainage elements subject to minor changes pending detailed design.
 - Silt traps to be installed in S1 and S5 surface water manholes.
 - Attenuation basin to be built with impermeable geomembrane lining.

Key to symbols

	Application Site Boundary
	Palisade Fence
	Post & Rail Fence
	Asphalt Finish Road
	Concrete Finish Road
	Stone Aggregate
	110kV Underground Grid Connection
	Existing Water Main
	Proposed Water Supply
	Proposed Wastewater Pipe and Manhole
	Proposed Wastewater Storage Tank
	Proposed Surface Water Drain
	Proposed Filter Drain
	Proposed Roadside Infiltration Trench
	Proposed Emergency Shut-Off Valve Chamber
	Proposed Headwall
	Proposed Bund De-Watering Unit
	Proposed Attenuation Basin
	Existing Trees/Hedgerows

1:500 0 10m 25m 50m

Reference drawings

PL1	12/12/2025	M.O'F.	Issued for Planning	GR	NR
Rev	Date	Drawn	Description	Ch'k'd	App'd

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Client

Title

Walterstown 110 kV Substation

Drainage Layout
Sheet 1 of 1

Designed	C. Godor		Eng check	R. McGowan	
Drawn	C. Godor		Coordination		
Dwg check	R. McGowan		Approved		
Scale at A1	Status	Rev	Security		
1:500	PRE	PL1	STD		

Drawing Number

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