North

Existing Property Fence

Existing 220kV Cable Route

Existing 220kV Cable Route

Existing 110kV Cable Route

12.00

10.51m

13.50

15.00

17.18

19.00

20.19

16.31

22.50

15.00

New Site Access Road

36.15m

14.80

16.25

20.68

Retaining Wall

17.50

18.15

19.50

48.99m

19.00

17.50

Existing Fence Decommissioned

17.74

New 220kV Land Cable Route

Maintenance Access for Transformer

Existing Track

Existing MV Building

Existing Transformer

Retaining Wall

21.44

24.11

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MATCHLINE

Moneypoint - KIlpaddoge Existing 220kV Submarine Cable Route

New 220kV underground cables tie into the existing substation connection point

22.55

19.29m

24.32

23.55

Existing 220kV GIS Building

6.1m

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CUN38190

Notes

1. For planning purposes only.
2. All dimensions are in millimetres unless otherwise noted.
3. All levels are in metres above Malin Head datum.

Key to symbols

- Application Site Boundary
- New Equipment
- Existing Equipment
- Existing Equipment - To be Decommissioned
- New Underground Cable
- Related Landholding
- Wayleave
- Existing Building

Equipment Schedule

Item	*Description*
01	Power Transformer
02	Surge Arrestor
03	Post Insulator
04	Disconnect / Earthing Switch
05	Current Transformer
06	Voltage Transformer
07	Circuit Breaker
08	Cable Sealing End
09	Control Building
10	Lightning Monopole (25.0m)
11	Light Pole (9.0m)
12	Palisade Fence (2.6 m)

0 5m 10m 20m
1:200

Reference drawings

229379408-MMD-01-XX-DR-E-1200	Kilpaddoge 400kV Substation Overall Plan Layout
229379408-MMD-01-XX-DR-E-1210	Kilpaddoge 400kV Substation Plan Layout Sheet 1 of 3
229379408-MMD-01-XX-DR-E-1211	Kilpaddoge 400kV Substation Plan Layout Sheet 2 of 3

Rev	Date	Drawn	Description	Ch'k'd	App'd
PL1	10.07.2020	CHC	Issued for Planning	DMcC	TK

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Title
Capital Project 0970
Cross Shannon 400 kV Cable Project
Kilpaddoge 400kV AIS Substation
New Transformer Bay - Plan Layout
Sheet 3 of 3

Designed	B. Zulueta		Eng check	D. McCormack	
Drawn	C. Cunningham		Coordination	E. Halpenny	
Dwg check	D. Hassett		Approved	T. Keane	

Scale at A1	Status	Rev	Security
1:200	PRE	PL1	STD

Drawing Number
229379408-MMD-01-XX-DR-E-1212