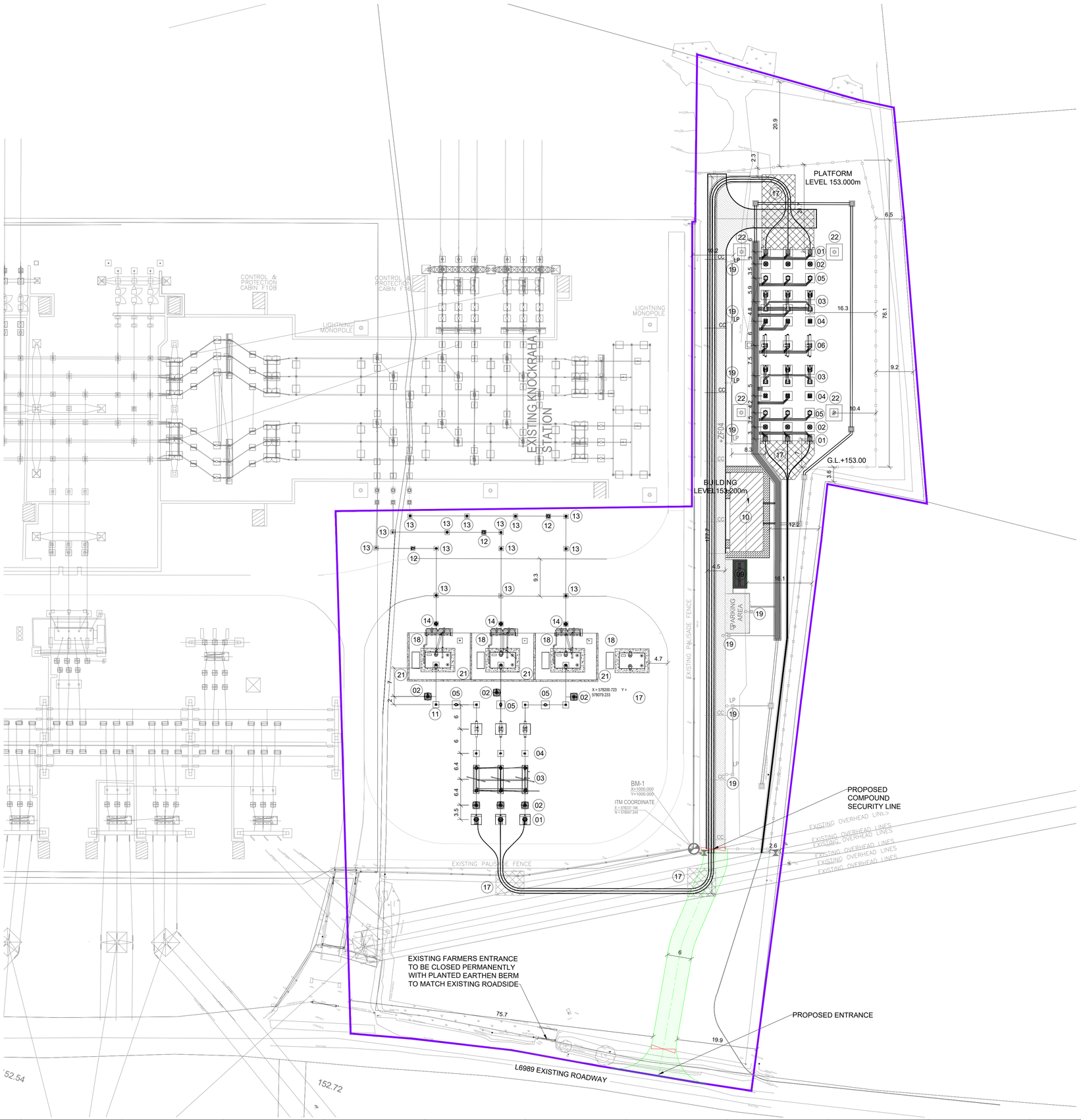

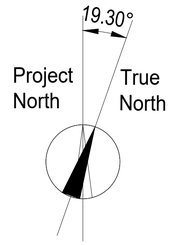

NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
2. LEVELS IN STATION AREA

BUILDING FLOOR LEVEL	= +0.000m	= +153.200m (AOD)
ROAD LEVEL	= -0.100m	= +153.100m (AOD)
FINISHED GROUND LEVEL	= -0.200m	= +153.000m (AOD)
ENABLING WORKS CONTRACT FINISHED GROUND LEVEL	= -0.275m	= +152.925m (AOD)

3. ALL ELEVATION SHOWN IN THIS DRAWING ARE WITH RESPECT TO FLOOR FINISH LEVEL 0.00m.

LEGEND

- BOUNDARY LINE
- PROPOSED AMENDMENTS
- SECURITY PALISADE FENCE
- PROPERTY BOUNDARY FENCE
- EXISTING EQUIPMENT
- EQUIPMENT APPROVED BY ABP UNDER PI. REF. VA04.312298 (PCI0003) AND SUBSEQUENT APPROVED 146b AMMENDMENTS
- GATE

Ref	New Equipment Description
01	400kV Cable Sealing End
02	400kV Surge Arrestor
03	400kV Disconnector/Earth Switch
04	400kV Voltage Transformer
05	400kV Current Transformer
06	400kV Circuit Breaker
07	400kV Post Insulators
08	Auxiliary Supply Transformer
09	Diesel Generator
10	Control & Protection Building
11	400kV Earth Switch
12	220kV Earth Switch
13	220kV Post Insulator
14	220 kV Surge Arrester
15	220 kV Voltage Transformer
16	Interface Kiosk
17	Control and Protection Cabin
18	Noise Enclosures
19	Lighting Pole
20	1.5m High Lighting Bollard
21	Transformer Bund Wall
22	20m Lightning Mast
23	12m High 220kV Busbar Flyover

1:500 0 10m 25m 50m

IFI

IFR = Issued for review
IFI = Issued for information
IFC = Issued for construction
IFIM = Issued for implementation (Design input)
IFM = Issued for manufacture
AB = As built (Documentation)

DMS Identifier E4A000001207194

Rev.	Date	Remark	Created By
01	13.10.23	ISSUED FOR INFORMATION	P.V.

Project ID	Doc. Key	Aspect	Customer Document Number	Plant Type / Voltage
P-020549	T	C		HVDC PLUS SYMMETRICAL MONOPOLE

Customer: CIDAC
± 320kV DC, 400kV Ac, 50Hz, 700MW

Project: Celtic Interconnector
Location(s): Knockraha Cable Sealing End Compound

Scale: 1:500
Export Control Classification: ECCN: N AL: N

Document Type: LOCATION PLAN
Document Designation: P-020549_TC_13200.U#CE15&BLD010/001

Title, Supplementary Title
CELTIC INTERCONNECTOR KNOCKRAHA SUBSTATION SECTION 146B SITE LAYOUT
PROPOSED AMENDMENTS

MWP
ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORK | TRALEE | LONDON | LIMERICK

MWP Job No. 23862
Page Size A1
Page 1

SECTION DESTINATION CONTROL STATEMENT:
These items are controlled by the U.S. Government (when labeled with "ECCN" unequal "N") and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any other person prohibited from receiving U.S. exports or services. Diversion contrary to U.S. law and regulations prohibited. Items labeled with "AL" unequal "N" are subject to European / national export authorization. Items without label / with label "AL:N" / "ECCN:N" or label "AL:9X999" / "ECCN:9X999" may require authorization from responsible authorities depending on the final end-user, or the destination.

Restricted © Siemens Energy, 2023
Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved.