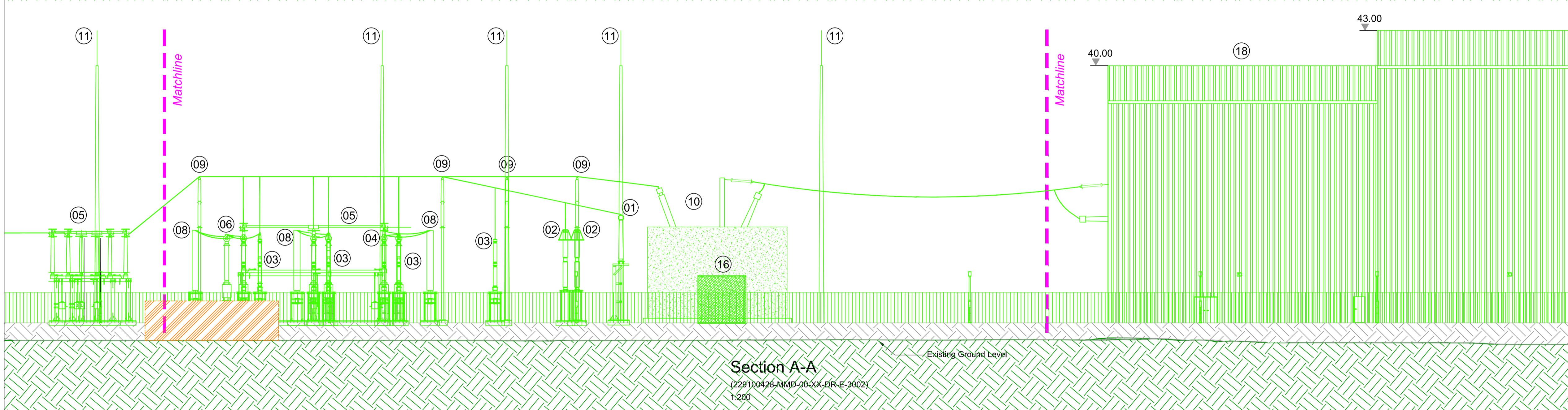
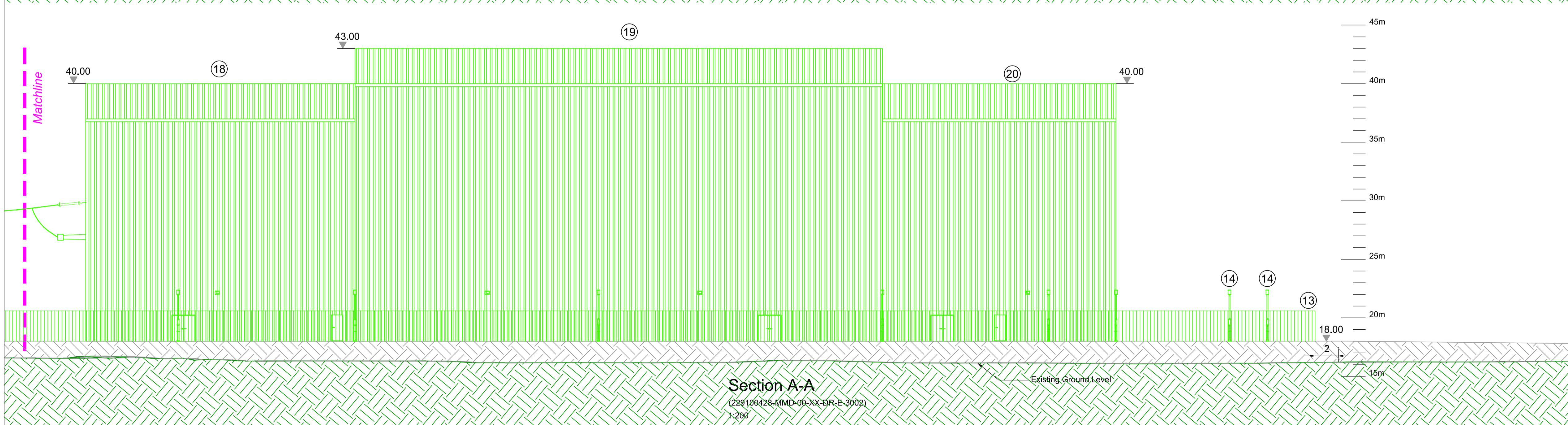


Section A-A
(229100428-MMD-00-XX-DR-E-3002)
1:200



Section A-A
(229100428-MMD-00-XX-DR-E-3002)
1:200



Section A-A
(229100428-MMD-00-XX-DR-E-3002)
1:200

- Notes
1. For planning purposes only. Not for construction.
 2. All dimensions are in metres unless otherwise noted.
 3. Where levels are shown, all levels are in metres above Malin Head datum
 4. Lightning protection was designed to LPL III as per IS EN 62305.
 5. Specific detail & design of vehicular access to adjacent ESB Networks substation compound will be confirmed by ESB Networks in a separate planning application.

Key to symbols

- New Equipment
- Existing Ground
- New Stone Platform
- Existing Building - To be demolished

Ref	Equipment Description
01	400kV Cable Sealing End
02	400kV Surge Arrester
03	400kV Voltage Transformer
04	400kV Current Transformer
05	400kV Line/Earth Disconnector
06	400kV Circuit Breaker
07	400kV Reactors
08	400kV Bypass Resistor
09	400kV Post Insulator
10	400kV Interface Transformer
11	25m Lightning Mast
12	400kV Control Building
13	2.6m Security Fence
14	Lightning Monopole
15	Emergency Generator
16	Tertiary Supply Transformer
17	Local LV Supply
18	Reactor Hall
19	Valve Hall
20	DC Hall

0 5m 10m 20m
1:200

Reference drawings

229100428-MMD-00-XX-DR-E-1100	Site Location Plan - Key Plan
229100428-MMD-00-XX-DR-E-2998	Converter Station Compound Overall Site Layout
229100428-MMD-00-XX-DR-E-3002	Converter Station Compound 400kV AIS Switchyard - Plan Layout
229100428-MMD-00-XX-DR-E-3004	Converter Station Compound 400kV AIS Switchyard - Section Sheet 2 of 2
229100428-MMD-00-XX-DR-E-3005	Converter Station Compound 400kV Compound - Plan Layout

PL1	25/06/2021	SHY	Issued for Planning	DH	TK
Rev	Date	Drawn	Description	Ch'k'd	App'd

MOTT MACDONALD

South Block
Rockfield
Dundrum
Dublin 16
Ireland
T +353 (0)1 291 6700
F
W www.mottmac.com



Title
**Celtic Interconnector
Converter Station Site (at Ballyadam)
Converter Station Compound
& 400kV AIS Switchyard Section
Sheet 1 of 2**

Designed	I. Eustace	Eng check	D. Hassett
Drawn	B. Zulueta	Coordination	D. Monaghan
Dwg check	D. Monaghan	Approved	T. Keane
Scale at A1	Status	Rev	Security
1:200	APR	PL1	STD

Drawing Number
229100428-MMD-00-XX-DR-E-3003