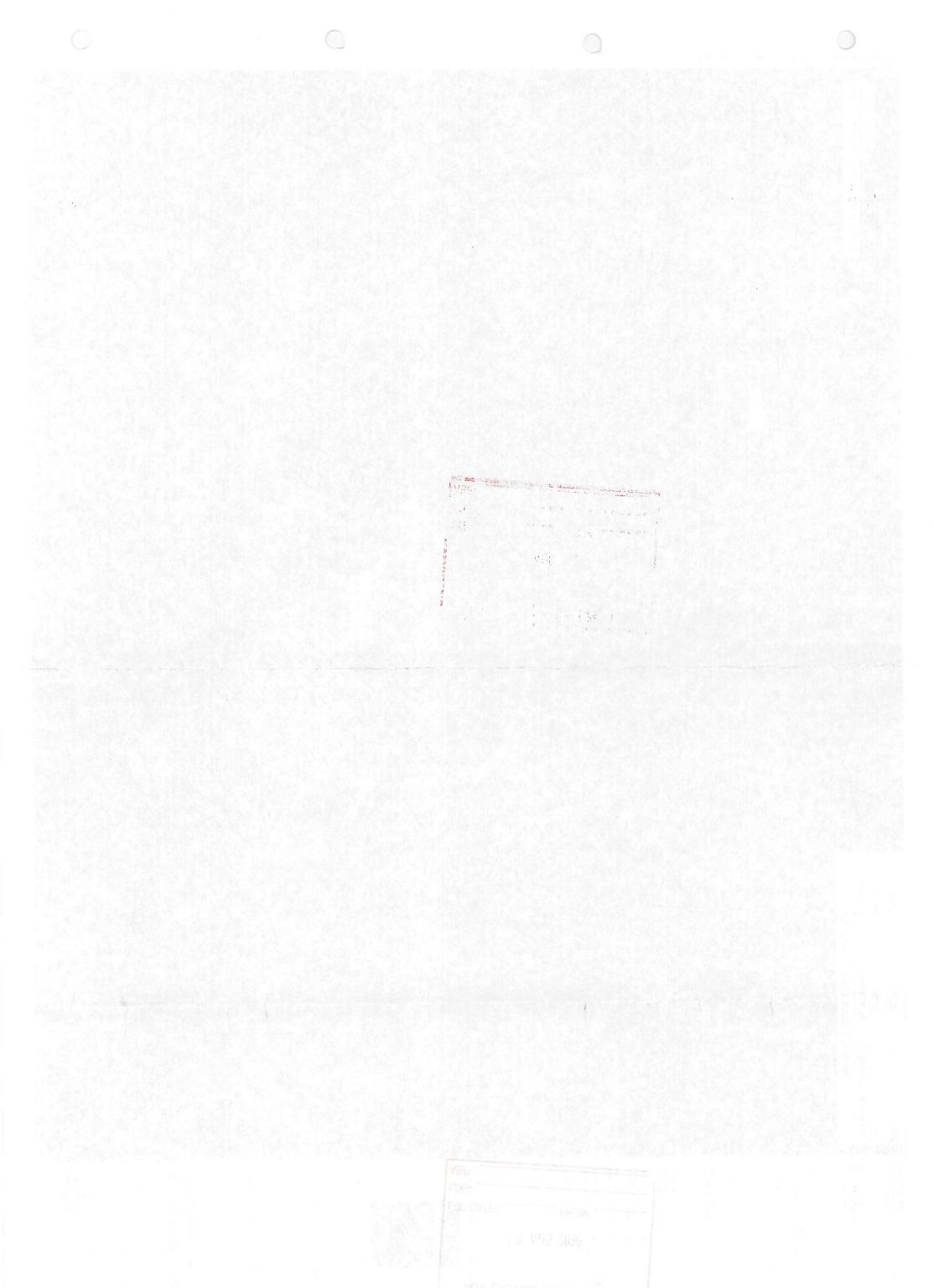








Regional Office Basepoint Business Centre Stroutley Road, Basingstoke, Hampshire, RG24 8UP, UK Tel: 00 44 1259405664



Head Office Beenreigh, Abbeydomey, Trales, Co. Keny Ireland Tel: 00353 66 7135710 CLIENT Clondardis Solar Park **Grid Connection** Regional Office Basepoint Brusness Centre Stroudley Road, Basingsloke, Hampshire, RG24 BUP, UK Tel: 00 44 1256405554

LAR DATED Existing ESB O/H 110KV & 38KV
Network shown thus
Existing ESB U/G LV/MV cable
shown thus
Existing ESB L/G HV cable
shown thus
Hish Water shown thus Proposed UGC 1 (S-thm approx) shown thus 100 Mmuments shown thus 100 Mms shown thus 100 M isting ESB O/H LV/MV Networks own thus 01

SHEET NUMBER 05745-DR-003

SHEET TITLE
Site Layout Plan
Sheet 2 of 3

PROJECT NUMBER 05-745

P01 28.05.20 Issued For Section 5 Application
P00 17.04.20 Issued For information
IR DATE DESCRIPTION

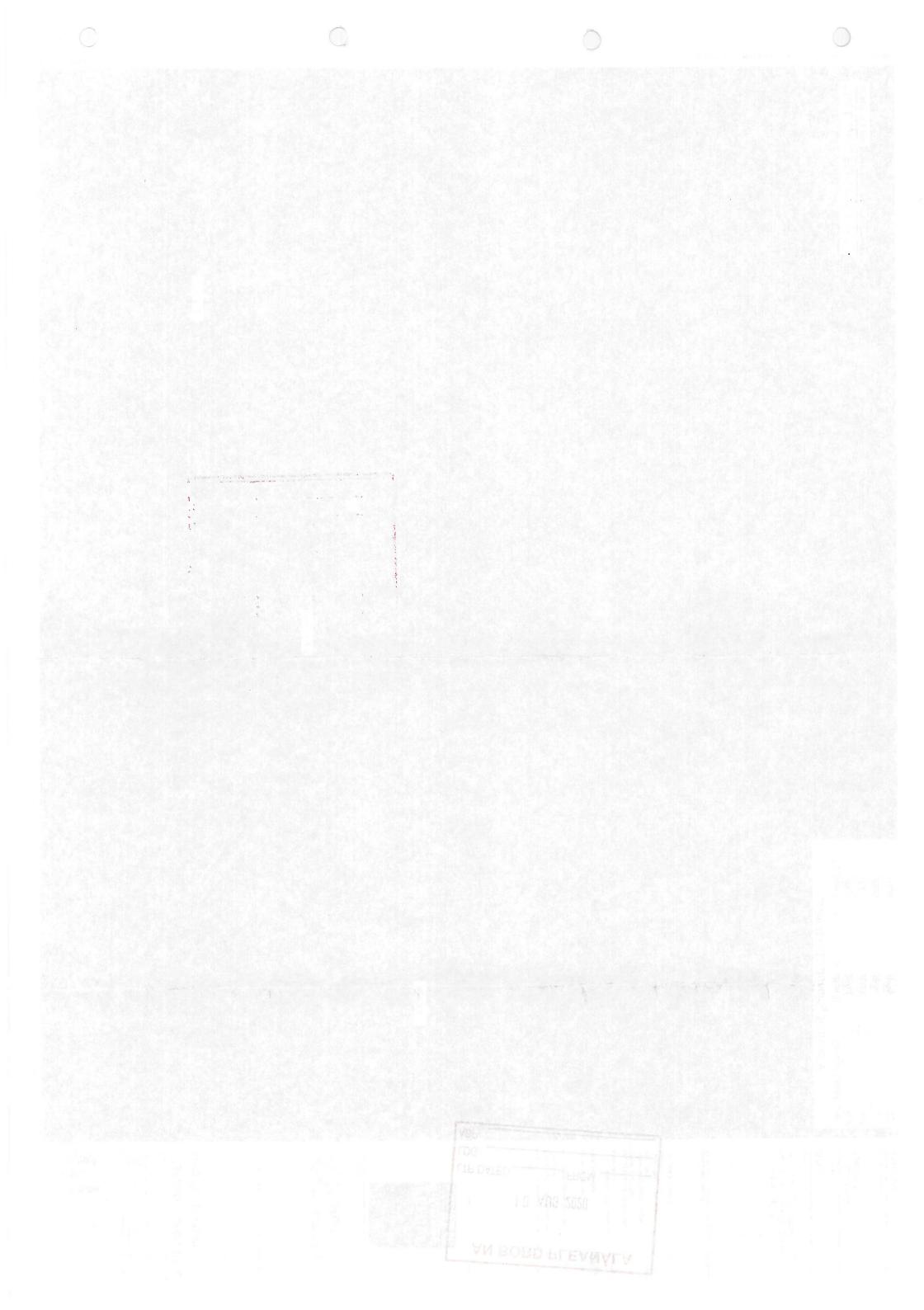
ISSUE/REVISION

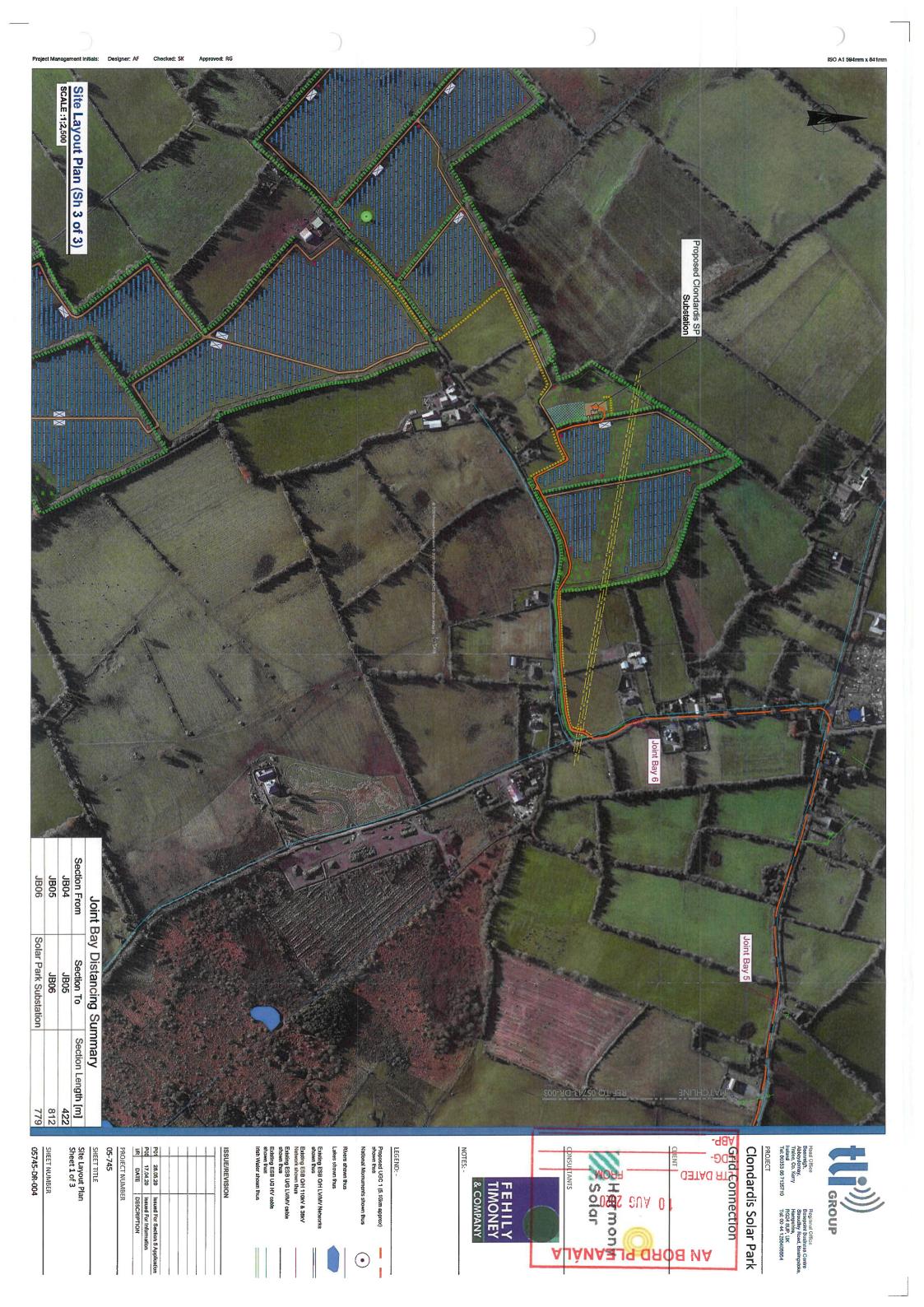
QHOR NA

FEHILY TIMONEY

CONSULTANTS

Harmony





110

Ducts laid in CDM4 [CI 1039], full tests required.
Comparied to CI, 1035 of TII Specification for
Readworks (ENVinn' after 7 days)

"3 No. 110mm outer diameter HDP2 ducts.
ESBN approved material only

I No. 110mm owher diameter HDPE comms ducts. ESBN approved material only. Comms duct to be placed to the side of trench closest to the road centre.

Typical Section Through Temporary Reinstatement of Longitudinal Opening in Roadway

950 mir

rellow marker warning tape. Must be full widdit of rench. ESSN approxed material only.

it. 804/808 compacted in a Permenant Reinstatement

subject to the agreement of the Road Authority, CBGM I to SNW Series 800

Subject to the agreement of the Road Auto SRW Series 800 See Note 10

100mm red cable protection strip, ESBN . material only.

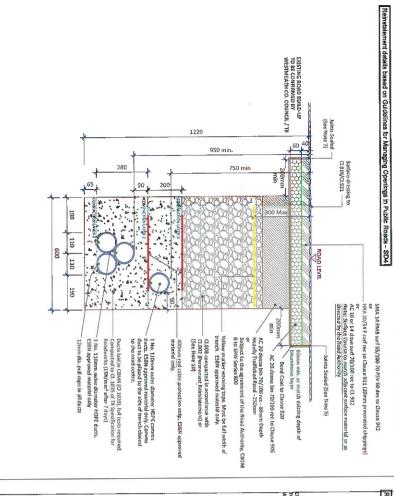
AC 20 dense bin 70/100 rec - 80mm Depth Heavily Trafficked Road - 250mm

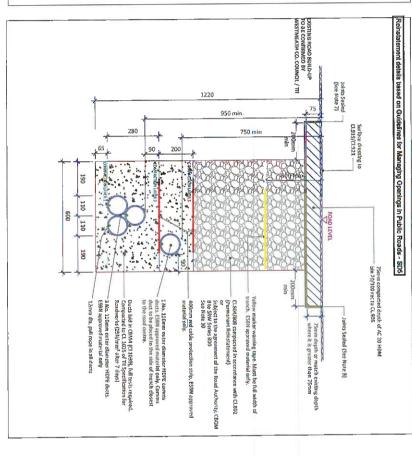
Temporary Reinstatement

Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD1

Stimur compacted depth of 14mm (nominal size) Bitmac to IS EN 13108 (delay set) - only with the road authority's approval

Permanent Reinstatement







Note: 1. Refer to Guidelines for managing Openings in Public Roads (Purple Book - April 2017), Chapter 6 Specifications for guidance on Duct type / colour and Marker Tape type / colour.

- Where the trimmed edge of excavation is within 400mm° of a joint / edge, ironwork or other reinstatement, this trimmed edge shall be extended to include same and the area of reinstatement shall be extended accordagly (* increase to 800 nm where this is pre-existing practice).

CLIENT

- For roads without asphalt concrete surface (e.g. the road authority may as its discretion prasphalt concrete to be regulated in lieu subsequently surface dressed. g, may be Cl.804 with double surface dressing), ermit the temporary reinstratement surface of of excavation and reinstatement; and

Where a temporary surface has been used, mate this drawing. The new permanent surface shall be a vibrating roller.

Beennelgh, Abboydomey, Traiee, Co. Kerry freland Tel: 00353 68 7135710

Regional Office
Basepoint Business Centre
Broudley Road, Basingstoke,
Hampshire,
RG24 8UP, UK
Tel: 00 44 1255405554

Clondardis Solar Park

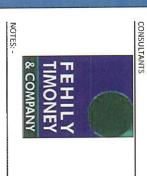
38kV Grid Connection

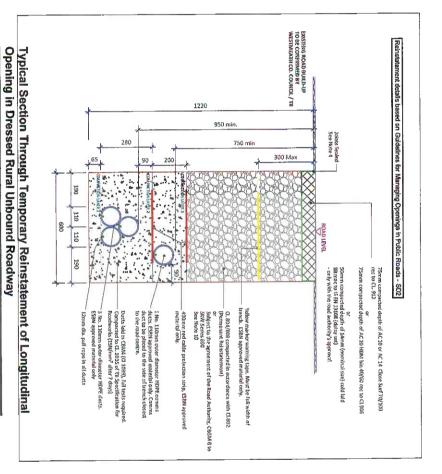
- All bound edges shall be saw cut to expose texcavation. All edges shall be essentially straight, the full vertical thickness of each layer prior to smooth and vertical.
- erial shall be planed out to the depth specified in machined laid and mechanically compacted with
- Any damaged area adjacent to the opening and included within the area to be reinstated. resulting from the excavation operation shall be
- Clause 808 or Cement Bound Granular Material surface to be sprayed per clause 920 prior to application of Asphalt Concrete Layer.
- Joint sealer shall be a hot 50 pen bitumen binder to all vertical cuts in accordance with B.5.594987 or cold thixtropic bitumen 50 -70 pen to be applied prior to application of bituminous materials.

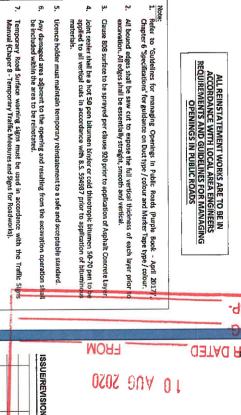
Harmony

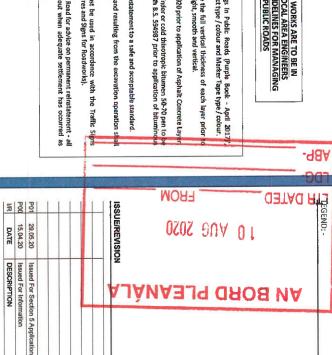
// Solar

- On highly trafficked roads services must have minimum cover of 750mm.
- Where required by the Road authority the trench may be reinstated with a Cement Bound Granular Material.
- Full lane width reinstatement will be carried or carriageway width reinstatement will be carri out for the effected sections of the R439 and full ied out on the effected sections of the L70152.





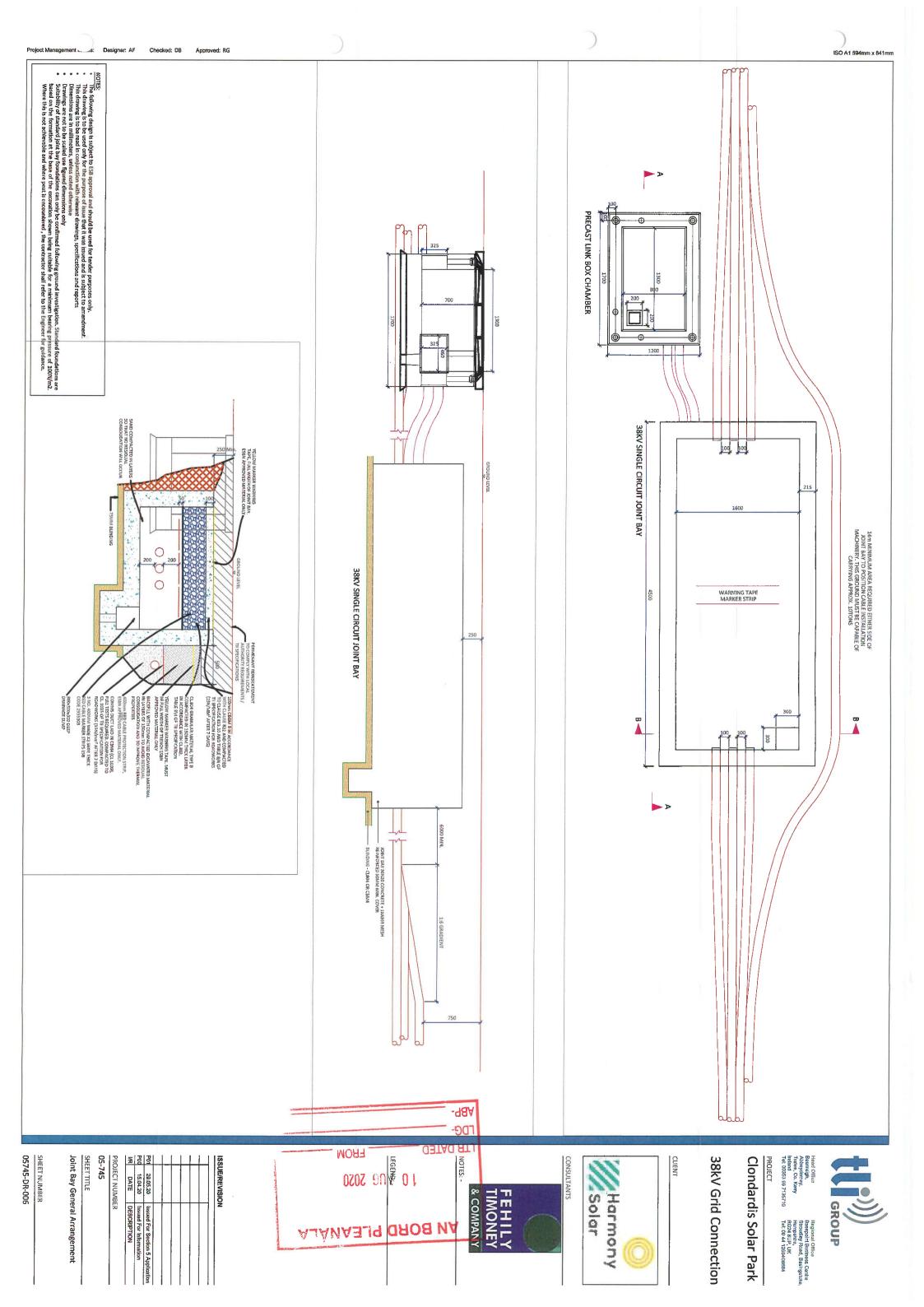




05745-DR-005 SHEET NUMBER

Ducting Through Regional / Local Roadways

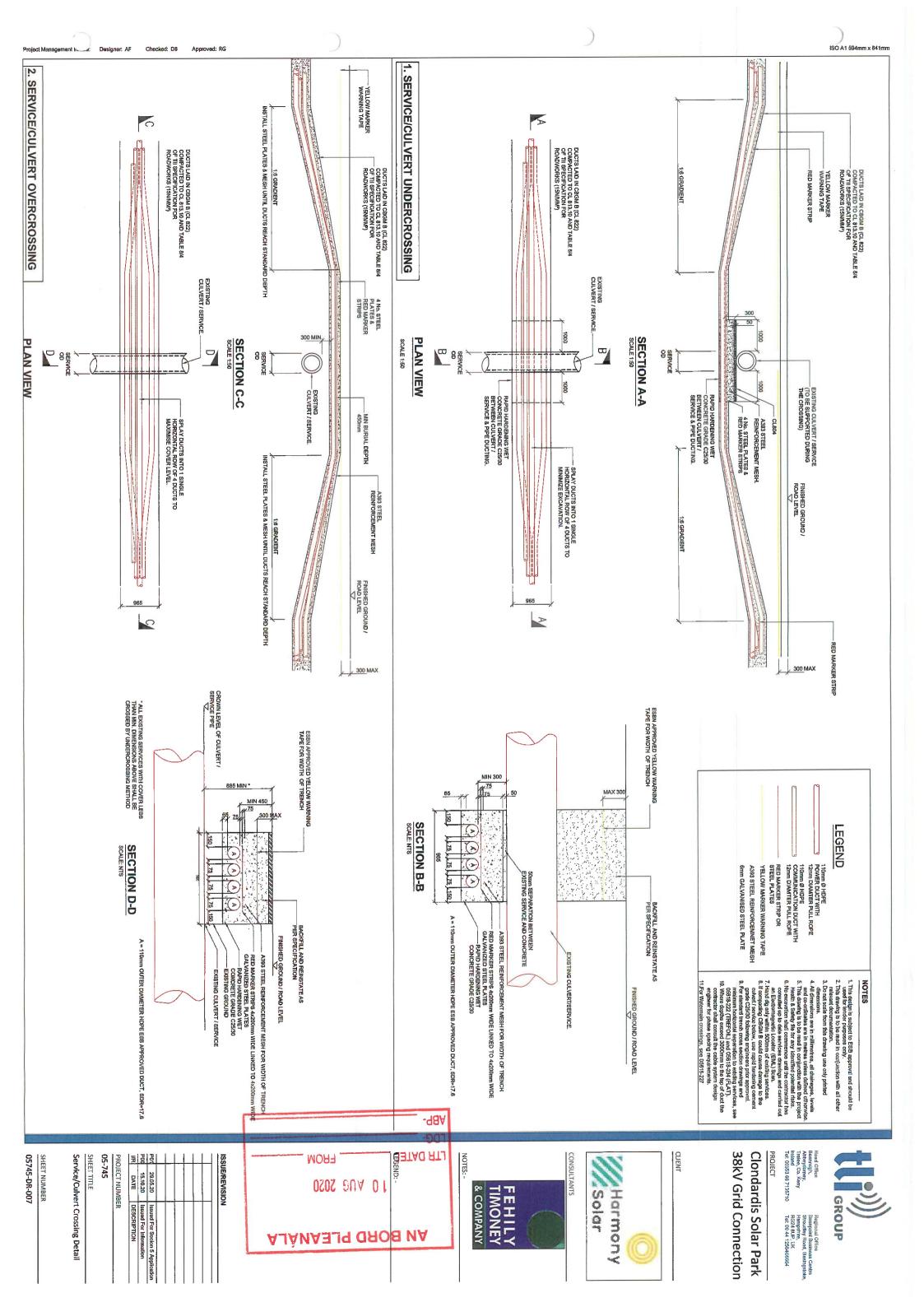
SHEET TITLE 05-745 PROJECT NUMBER



LDC.

U Alle 202

AN BORD PLEANAL



TH AUG 2020

UTB DATED FROM

LDG

ABF

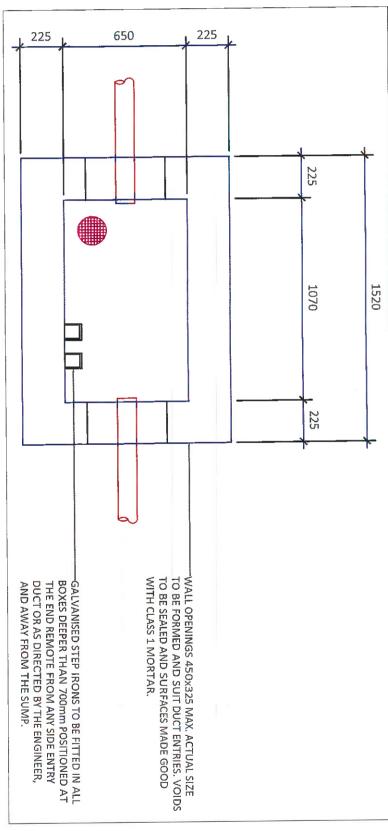
AN BORD PLEANALA

relevant drawings, specifications and reports. The following design is subject to ESB approval and 225 1520 1070 225

ISO A3 297mm x 420r

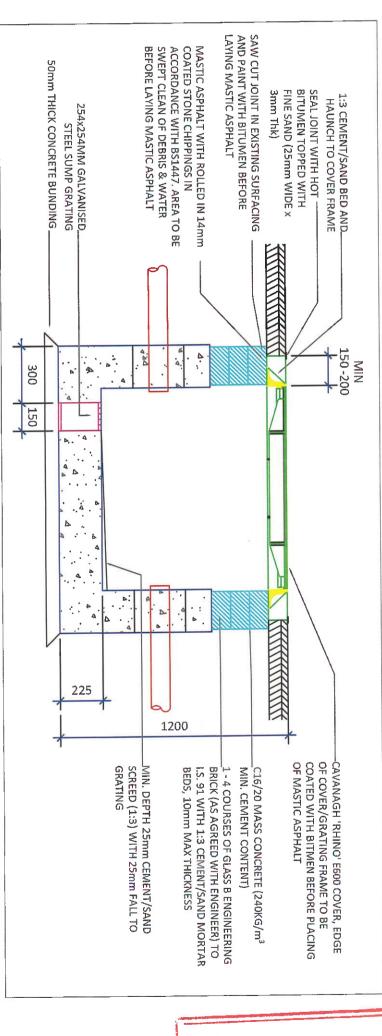
- This drawing is to be read in conjunction with should be used for tender purposes only.
- Dimensions are in millimetres, unless noted Drawings are not to be scaled use figured

dimensions only.



Plan View -Typical Communications Chamber

SCALE 1:20



Section Through Typical Communications Chamber

SCALE 1:20

Beenreigh, Abbeydorney, Tralee, Co. Kerry

Head Office

GROUP

CLIENT Solar Harmony

> Clondardis Solar Park PROJECT

38kV Grid Connection PROJECT NUMBER

SHEET NUMBER 0574-DR-008

Typical Communications Chamber Details

SHEET TITLE

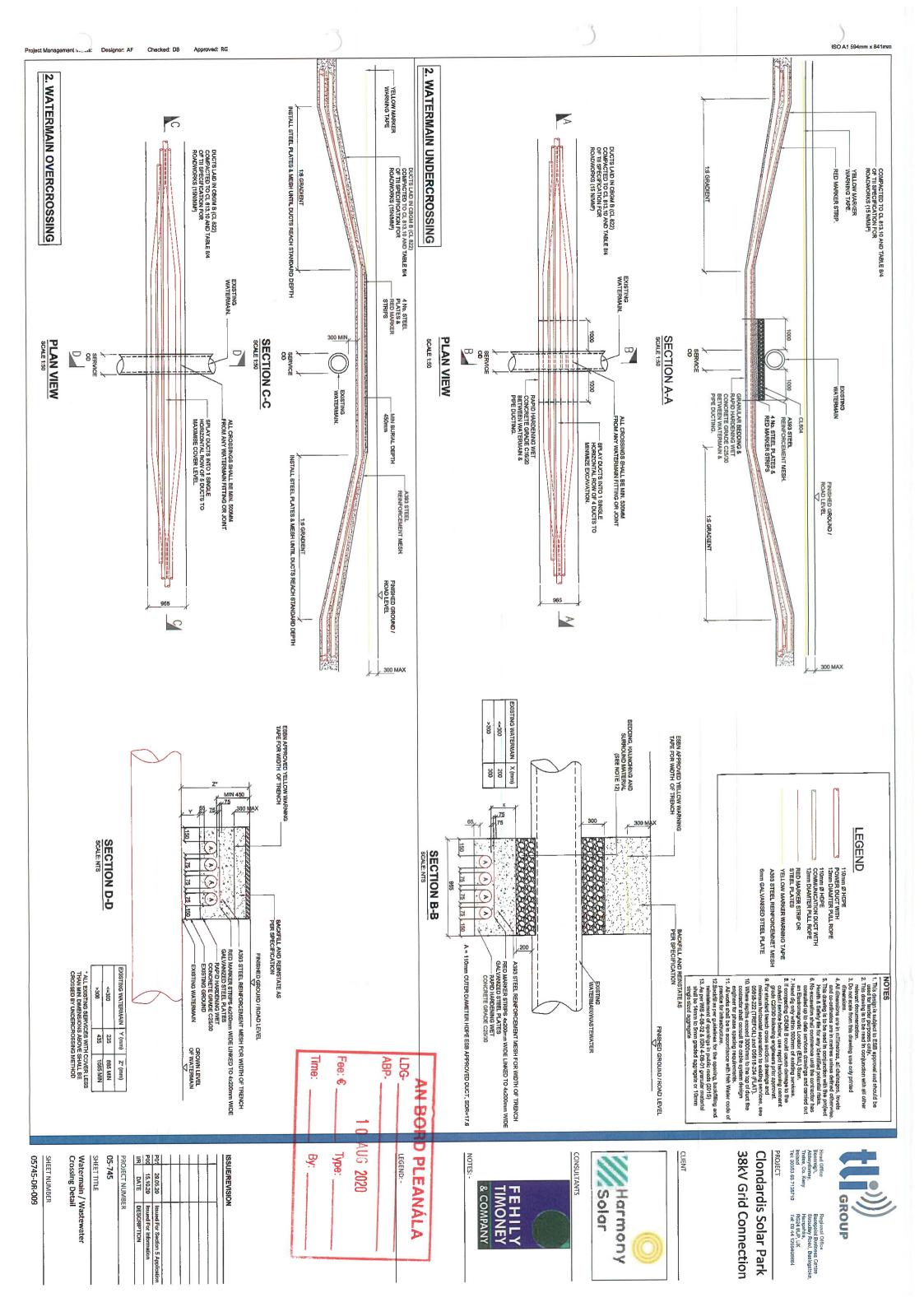
DRAWING STATUS

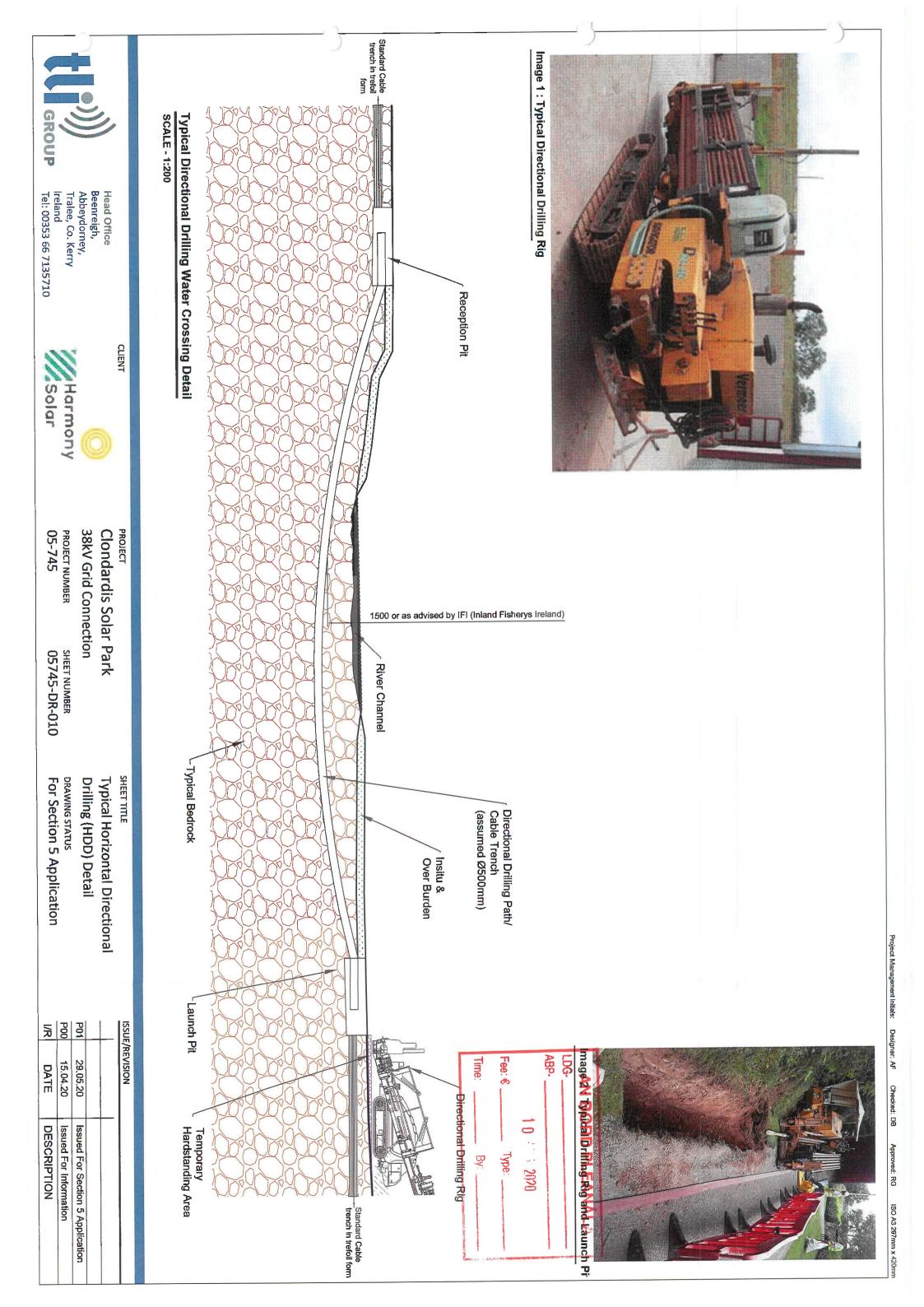
For Section 5 Application

P01 P00 ₹ 15.04.20 29.05.20 DATE Issued For Information DESCRIPTION

ISSUE/REVISION -98A Issued For Section 5 Application רםפ-CTR DATED **MORT** 10 YNG 5050 AJÀNABJA GROB NA

AN BORDFLEAMALA





AN BORDE MA