Image 1 : Typical Directional Drilling Rig

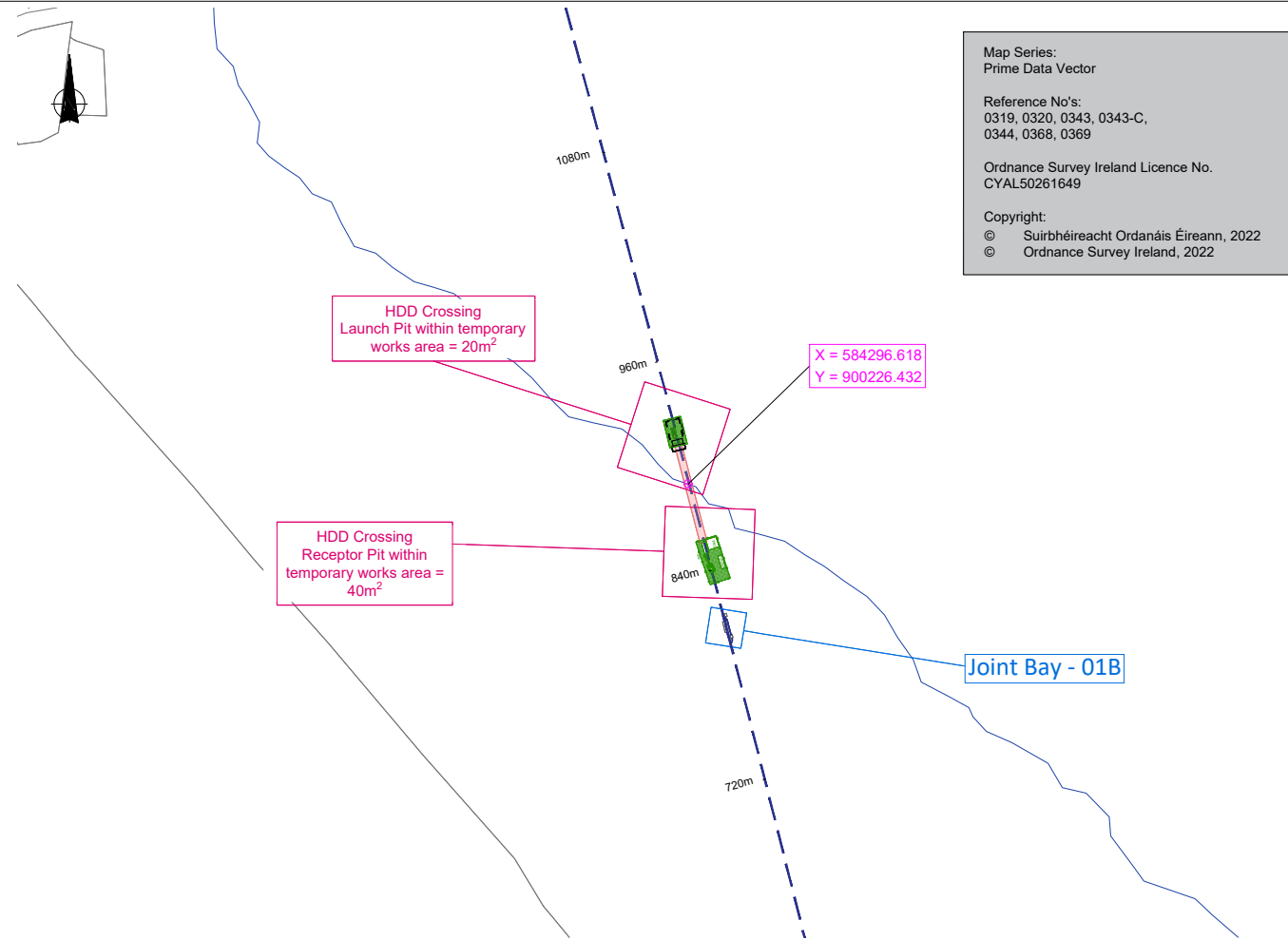**Image 2 : Watercourse Channel**

Map Series:
Prime Data Vector

Reference No's:
0319, 0320, 0343, 0343-C,
0344, 0368, 0369

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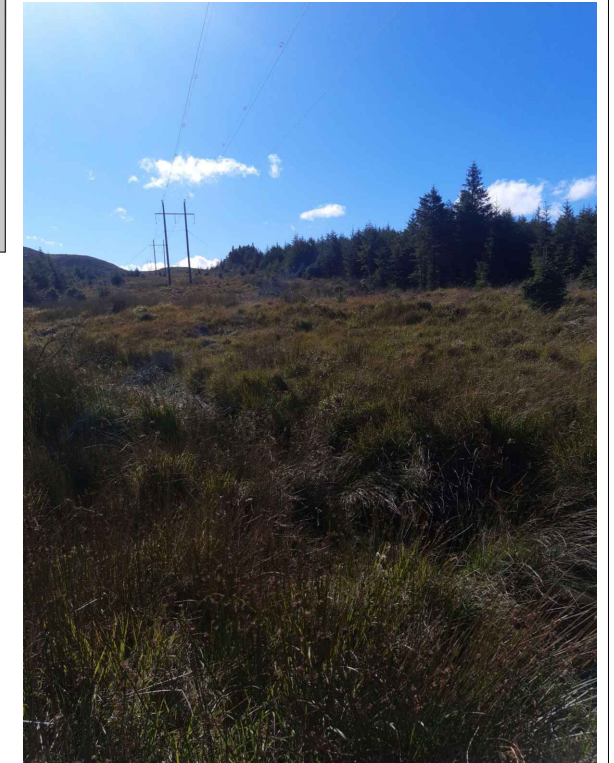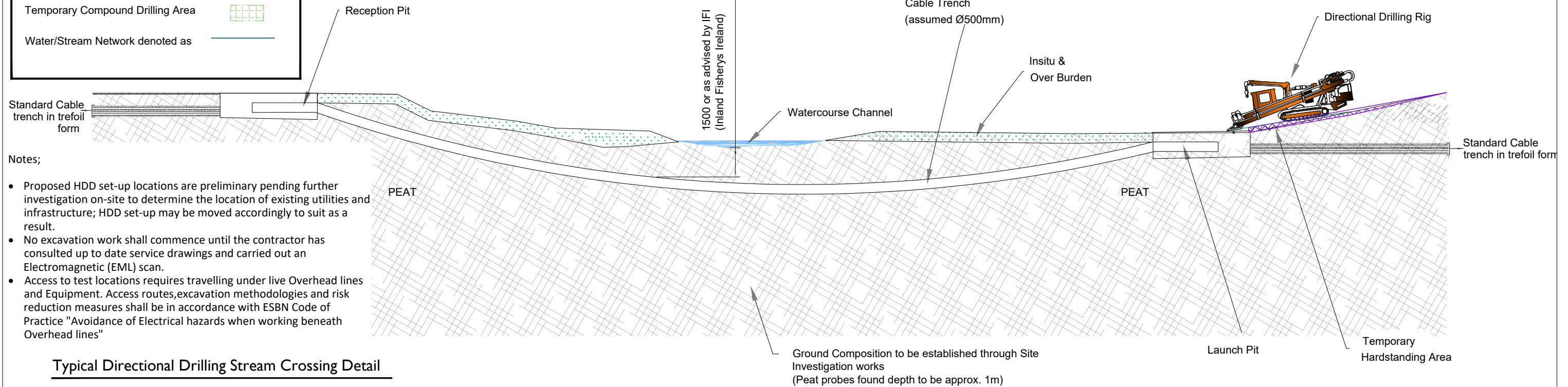©   Ordnance Survey Ireland, 2022

1080m

960m

HDD Crossing
Launch Pit within temporary
works area = 20m²

X = 584296.618
Y = 900226.432

HDD Crossing
Receptor Pit within
temporary works area =
40m²

840m

Joint Bay - 01B

720m

PLAN LAYOUT - LEGEND

UGC Grid Connection Route	– – – –
Temporary Compound Drilling Area	
Water/Stream Network denoted as	

Reception Pit

Directional Drilling Path/
Cable Trench
(assumed Ø500mm)

Directional Drilling Rig

Standard Cable
trench in trefoil
form

1500 or as advised by IFI
(Inland Fisherys Ireland)

Insitu &
Over Burden

Watercourse Channel

Standard Cable
trench in trefoil form

Notes;

PEAT

PEAT

- Proposed HDD set-up locations are preliminary pending further investigation on-site to determine the location of existing utilities and infrastructure; HDD set-up may be moved accordingly to suit as a result.
- No excavation work shall commence until the contractor has consulted up to date service drawings and carried out an Electromagnetic (EML) scan.
- Access to test locations requires travelling under live Overhead lines and Equipment. Access routes,excavation methodologies and risk reduction measures shall be in accordance with ESBN Code of Practice "Avoidance of Electrical hazards when working beneath Overhead lines"

Launch Pit

Temporary
Hardstanding Area

Ground Composition to be established through Site
Investigation works
(Peat probes found depth to be approx. 1m)

Typical Directional Drilling Stream Crossing Detail

Head Office
Beenreigh,
Abbeydorney,
Tralee, Co. Kerry
Ireland
Tel: 00353 66 7135710

CLIENT

FuturEnergy Ireland

Ørsted

PROJECT

Clogherchor Wind Farm
110kV Grid Connection

PROJECT NUMBER
05-725

SHEET NUMBER
05725-DR-132

SHEET TITLE

HDD Crossing Details for existing
watercourse - Stream No.2

DRAWING STATUS
Issued for Information

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P01	11.01.23	Issued for Information
P00	03.10.22	Issued for Information
I/R	DATE	DESCRIPTION