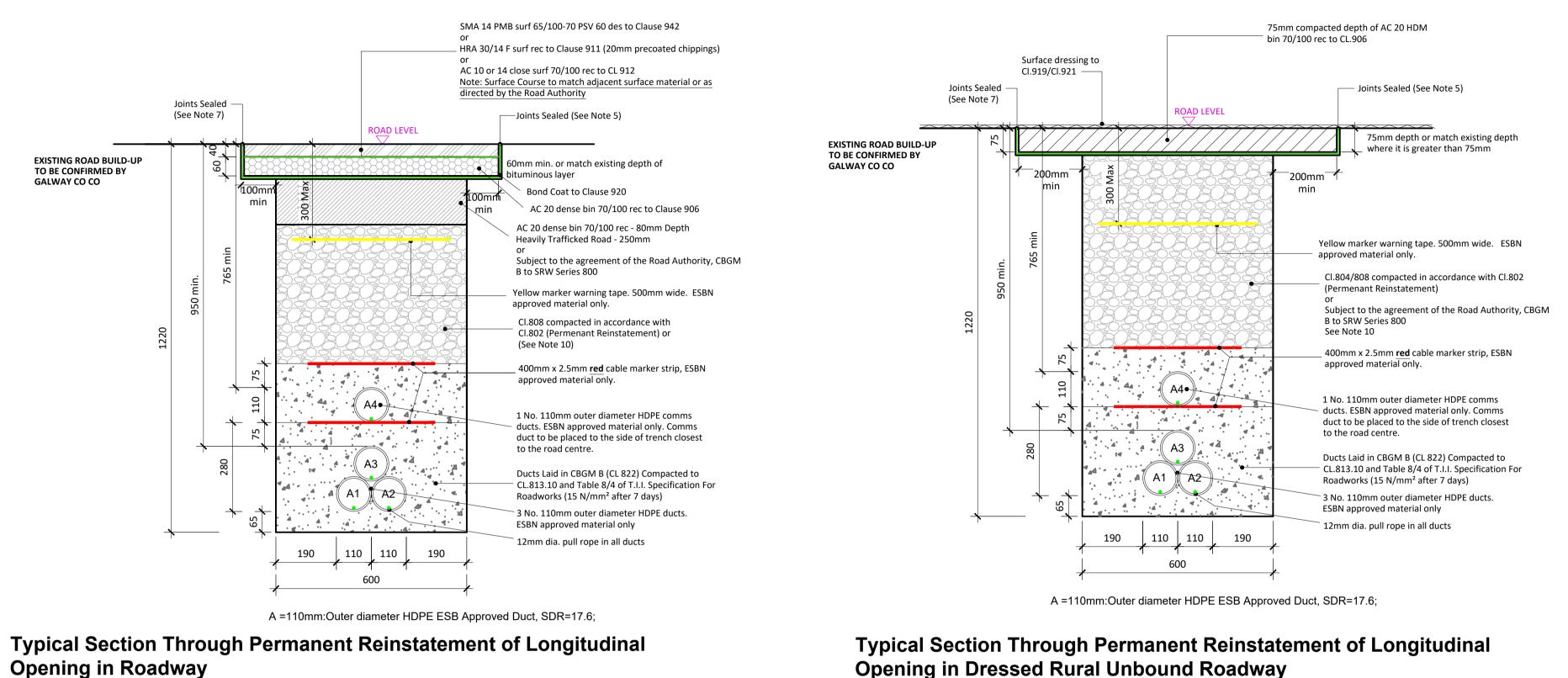
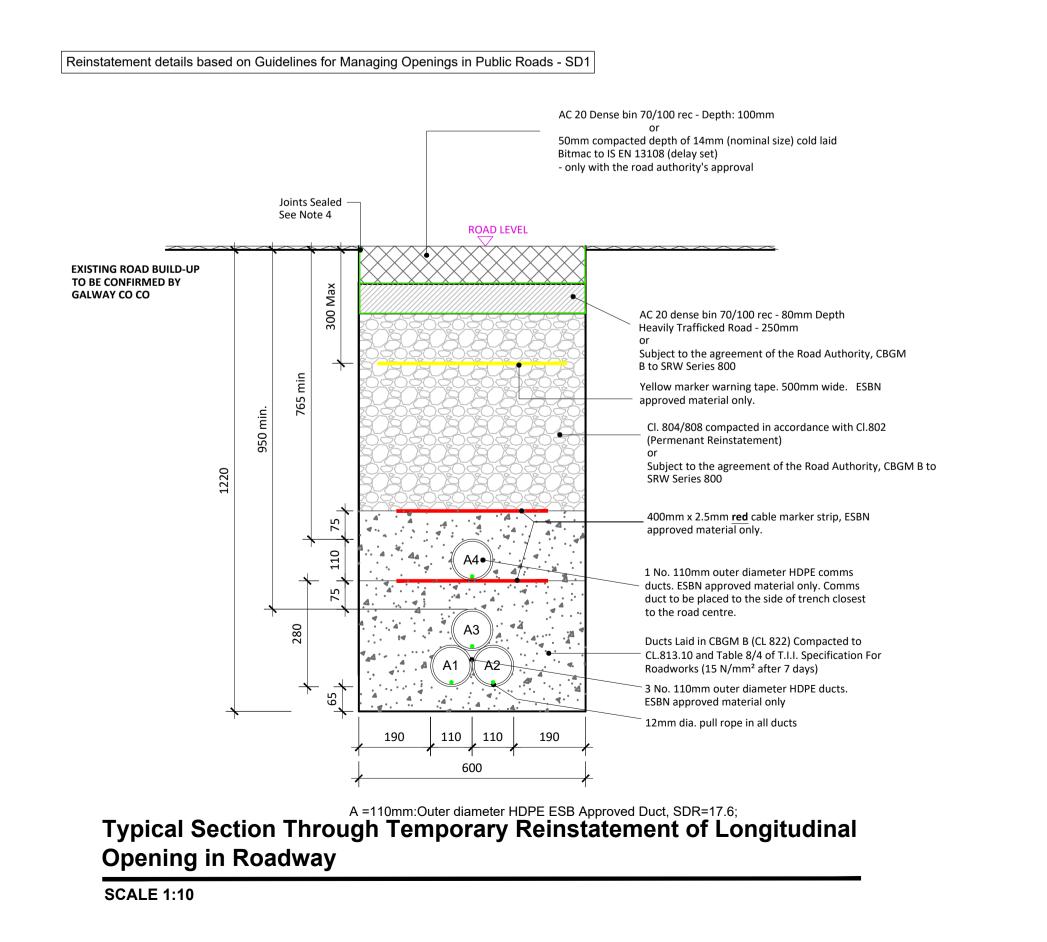
# **Permanent Reinstatement**

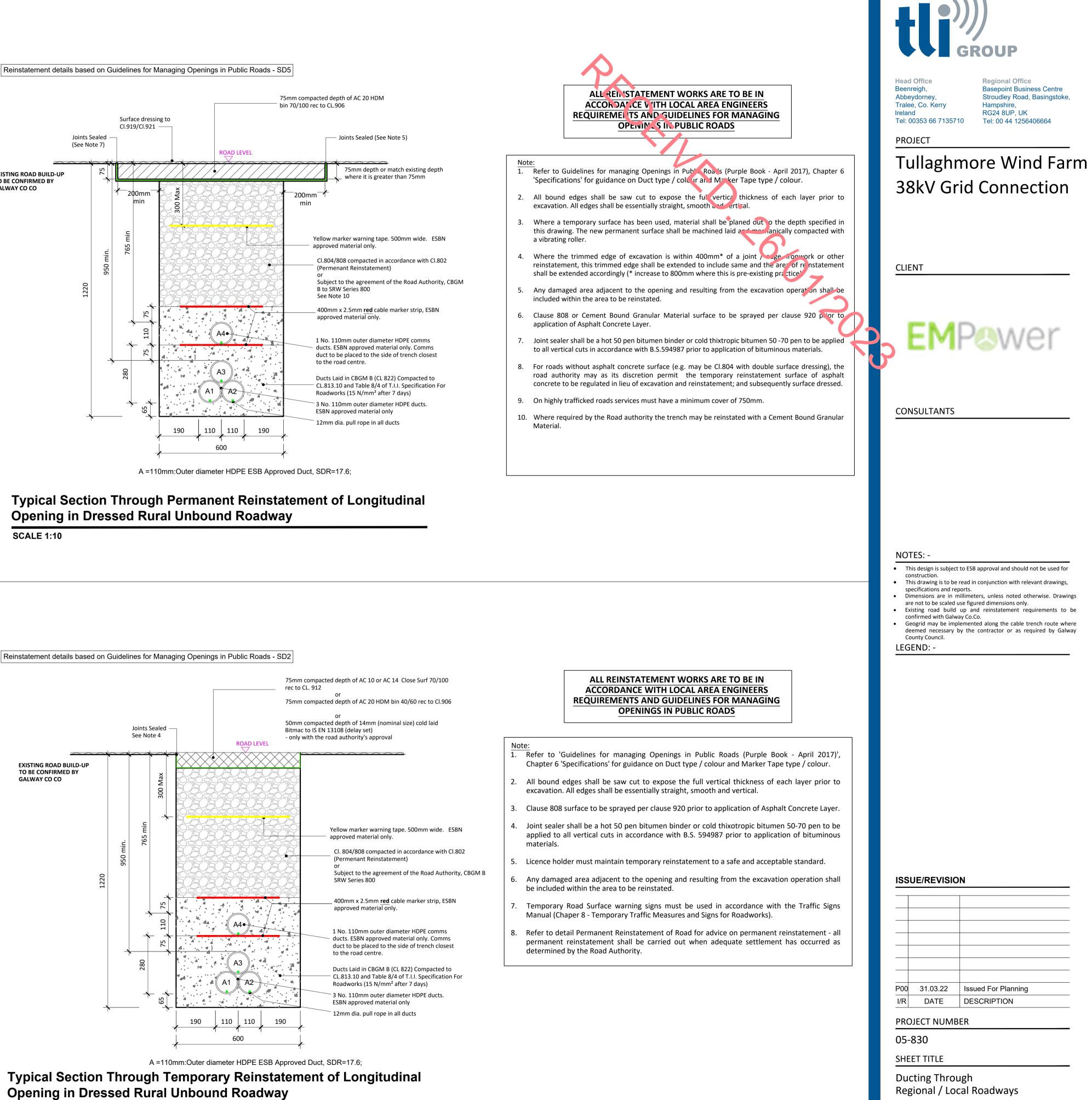
Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD4



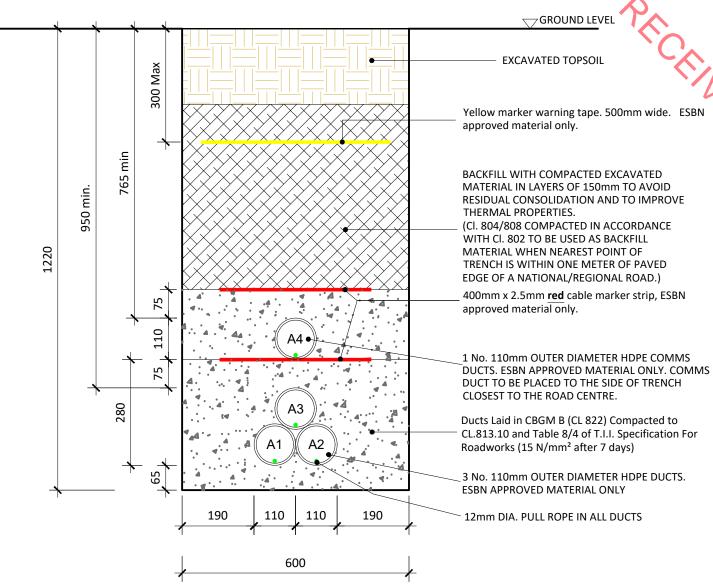
**SCALE 1:10** 

# **Temporary Reinstatement**





# SHEET NUMBER



A =110mm:Outer diameter HDPE ESB Approved Duct, SDR=17.6;

# **Typical Section Through Off Road**

### SCALE 1:10

### ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LANDOWNERS/GALWAY CO CO REQUIREMENTS

used for construction.This drawing is to be read in conjunction with relevant

This design is subject to ESB approval and should not be

- drawings, specifications and reportsDimensions are in millimeters, unless noted otherwise
- Drawings are not to be scaled use figured dimensions only



Note:

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



CLIENT

PRO.	JECT
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Tullaghmore Wind Farm 38kV Grid Connection

PROJECT NUMBER SHEET NUMBER 05830 05830-DR-151

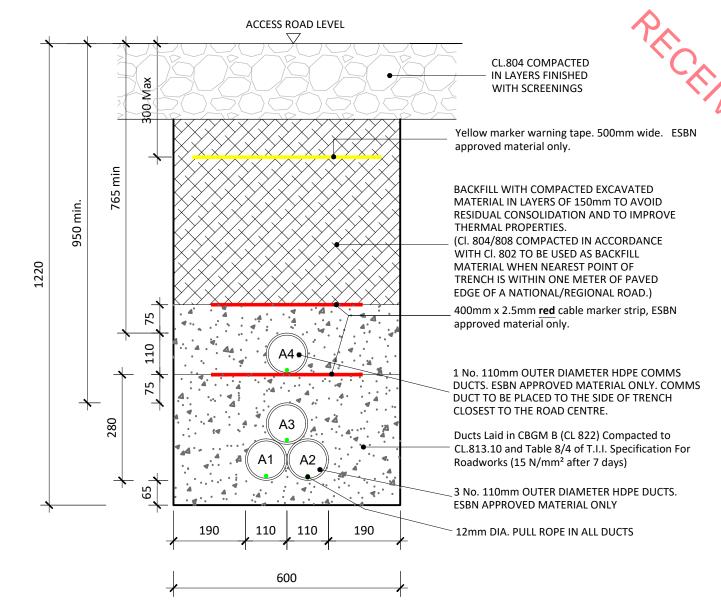
SHEET TITLE

Ducting through Off Road Section DRAWING STATUS For Planning

ISSUE/REVISION		
P00	31.03.22	Issued For Planning
I/R	DATE	DESCRIPTION

ISSUE/REVISION

FD. 2007 2023



A =110mm:Outer diameter HDPE ESB Approved Duct, SDR=17.6;

# **Typical Section Through Access Road**

### **SCALE 1:10**

### ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LANDOWNERS/GALWAY CO CO REQUIREMENTS

used for construction. This drawing is to be read in conjunction with relevant drawings, specifications and reports

This design is subject to ESB approval and should not be

- Dimensions are in millimeters, unless noted otherwise
- Drawings are not to be scaled use figured dimensions only ٠



Note:

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### CLIENT



PROJECT

# **Tullaghmore Wind Farm** 38kV Grid Connection

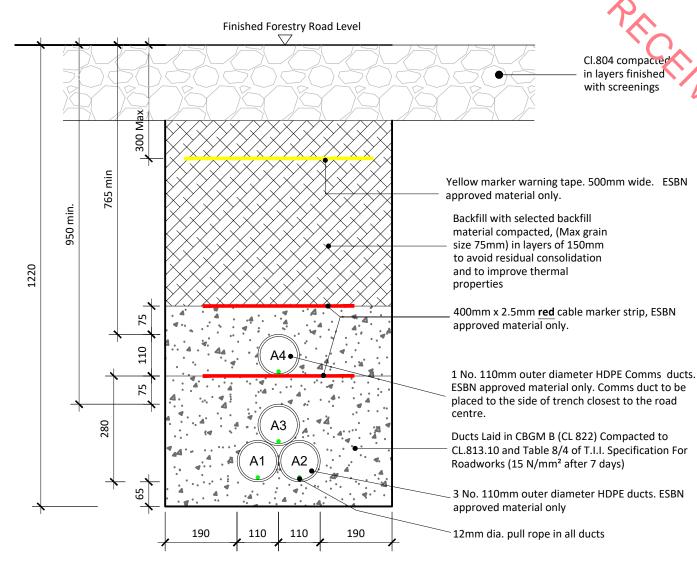
PROJECT NUMBER SHEET NUMBER 05-830 05830-DR-152 SHEET TITLE

**Ducting through Access Road** 

DRAWING STATUS For Planning

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P00	31.03.22	Issued For Planning
I/R	DATE	DESCRIPTION

THINK D. ROOT ROOT



A =110mm:Outer diameter HDPE ESB Approved Duct, SDR=17.6;

# **Typical Section Through Forestry Road**

**SCALE 1:10** 

**ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE WITH LANDOWNERS REQUIREMENTS** 

SHEET NUMBER

05830-DR-153



Note:

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only.

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The proposed design is subject to ESB design approval

This drawing is to be read in conjunction with relevant

Dimensions are in millimeters, unless noted otherwise.

Drawings are not to be scaled use figured dimensions

and should be used for planning purposes only.

drawings, specifications and reports.

# **EMP**ewer

CLIENT

PROJECT	
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**Tullaghmore Wind Farm** 38 kV Grid Connection

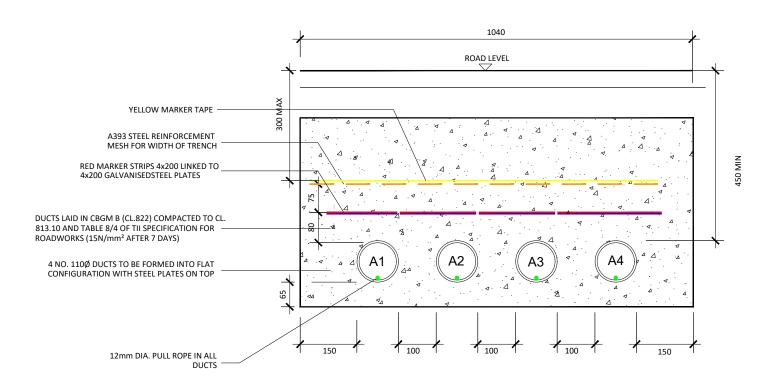
PROJECT NUMBER 05-830

SHEET TITLE

38kV Single Circuit - Ducting through Forestry Road Section DRAWING STATUS For Planning

ISSU	ISSUE/REVISION		
P00	31.03.22	Issued For Planning	
I/R	DATE	DESCRIPTION	

·D. · 26/07/2023



# **Typical Ducting Detail in Flat Formation**



Note:

- This design is subject to ESB approval and should not be used for construction.
- This drawing is to be read in conjunction with relevant ٠ drawings, specifications and reports.

**Head Office** 

Abbeydorney,

Tralee, Co. Kerry

Tel: 00353 66 7135710

Beenreigh,

Ireland

- Dimensions are in millimeters, unless noted otherwise. ٠
- Drawings are not to be scaled use figured dimensions only. •



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# PROJECT

### **Tullaghmore Wind Farm** 38kV Grid Connection

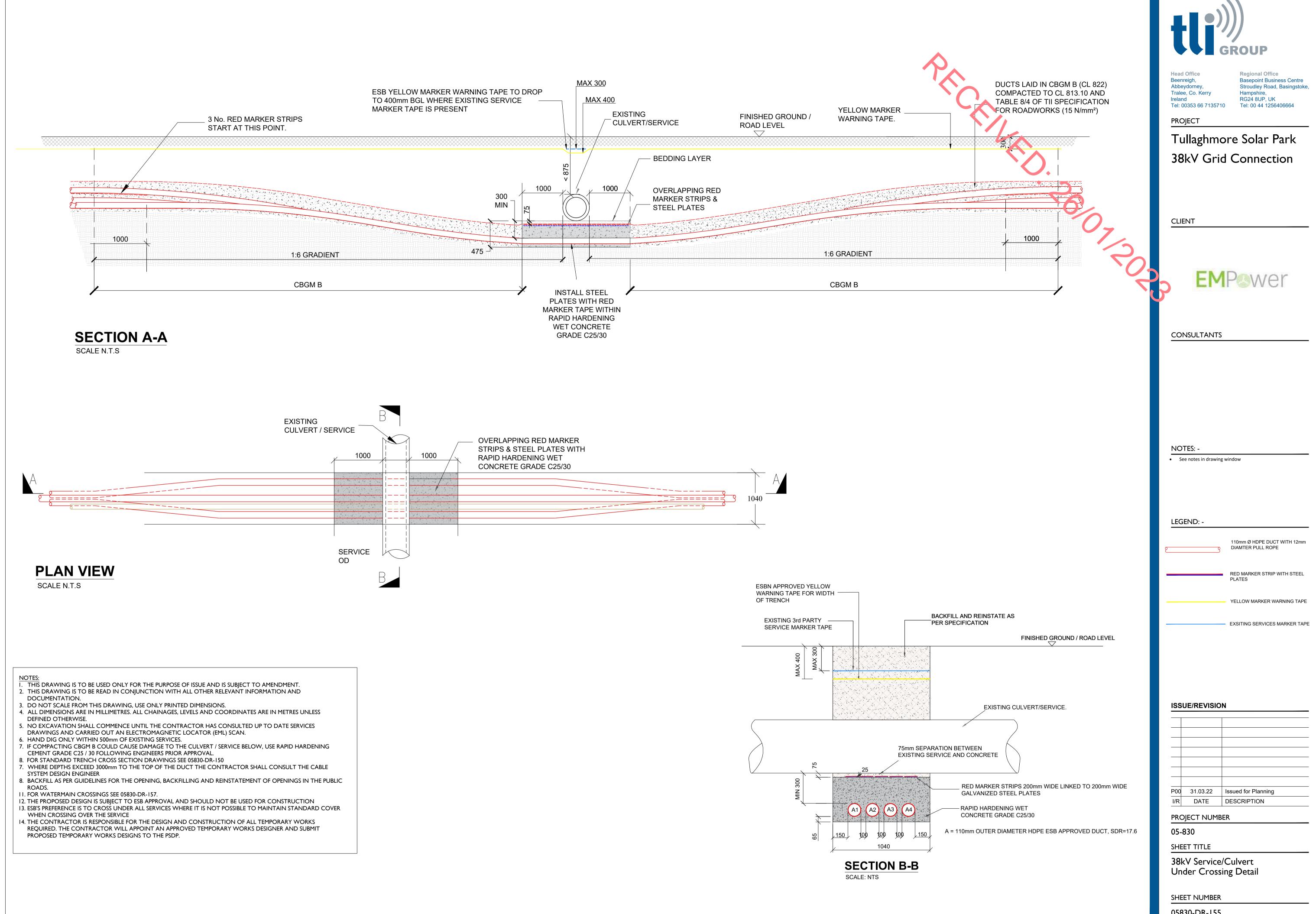
PROJECT NUMBER SHEET NUMBER 05-830 05830-DR-154

### SHEET TITLE

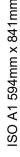
**Typical Ducting Details** in Flat Formation DRAWING STATUS For Planning

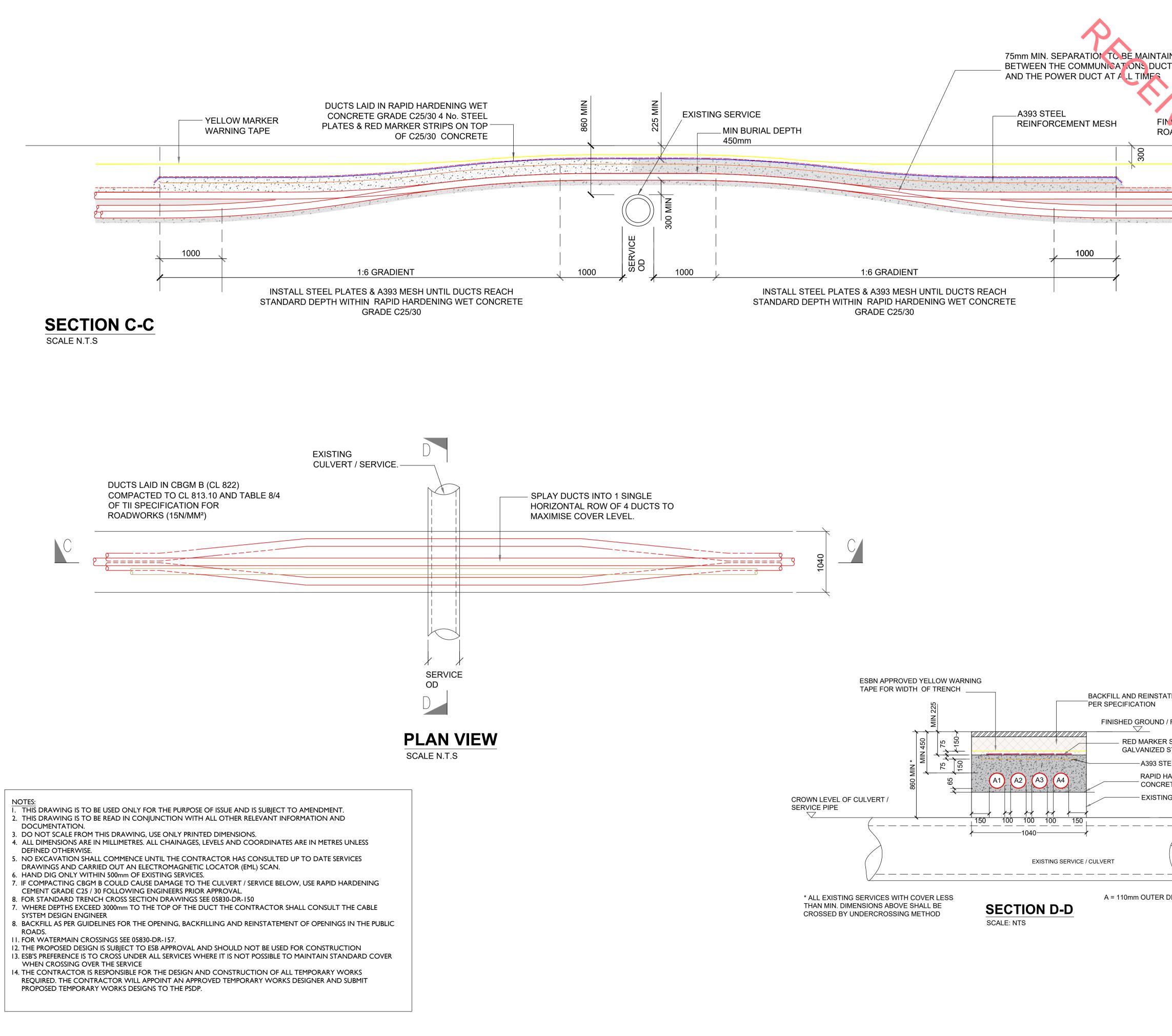
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	CLIENT
	Consultants
	NOTES: - • See notes in drawing window
	LEGEND: -   110mm Ø HDPE DUCT WITH 12mm   DIAMTER PULL ROPE   RED MARKER STRIP WITH STEEL   PLATES
ATE AS / ROAD LEVEL R STRIPS 200mm WIDE LINKED TO 200mm WIDE	YELLOW MARKER WARNING TAPE   EXSITING SERVICES MARKER TAPE   A393 REINFORCEMENT MESH
STRIPS 200mm WIDE LINKED TO 200mm WIDE STEEL PLATES FEEL REINFORCEMENT MESH FOR WIDTH OF TRENCH HARDENING WET ETE GRADE C25/30 NG GROUND	

A = 110mm OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR=17.6

P00	31.03.22	Issued for Planning
I/R	DATE	DESCRIPTION

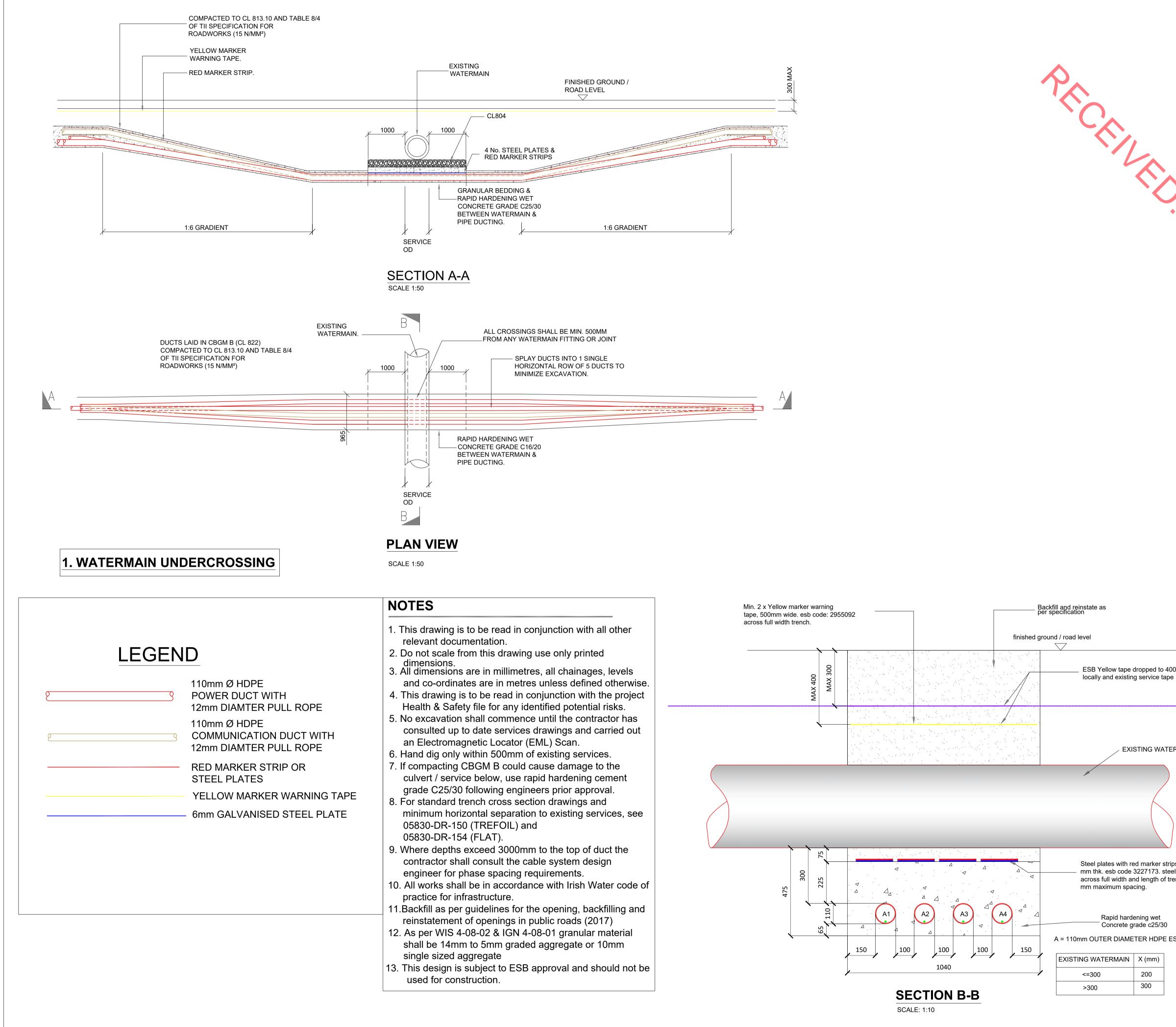
# PROJECT NUMBER

05-830

SHEET TITLE

38kV Service/Culvert Over Crossing Detail

# SHEET NUMBER







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

Regional Office Basepoint Business Centre Stroudley Road, Basingstoke, Hampshire, RG24 8UP, UK Tel: 00 44 1256406664

# PROJECT

Tullaghmore Wind Farm 38kV Grid Connection

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### CONSULTANTS

NOTES: -

• See notes in drawing window

### LEGEND: -

ESB Yellow tape dropped to 400 mm bgl

EXISTING WATERMAIN



Steel plates with red marker strips, 200 mm wide x 6 mm thk. esb code 3227173. steel plates to be installed across full width and length of trench as shown with 25

#### Rapid hardening wet Concrete grade c25/30

A = 110mm OUTER DIAMETER HDPE ESB APPROVED DUCT, SDR=17.6

IN	X (mm)
	200
	300

# **ISSUE/REVISION**

P00	31.03.22	Issued For Planning
I/R	DATE	DESCRIPTION

# PROJECT NUMBER

05-830

SHEET TITLE

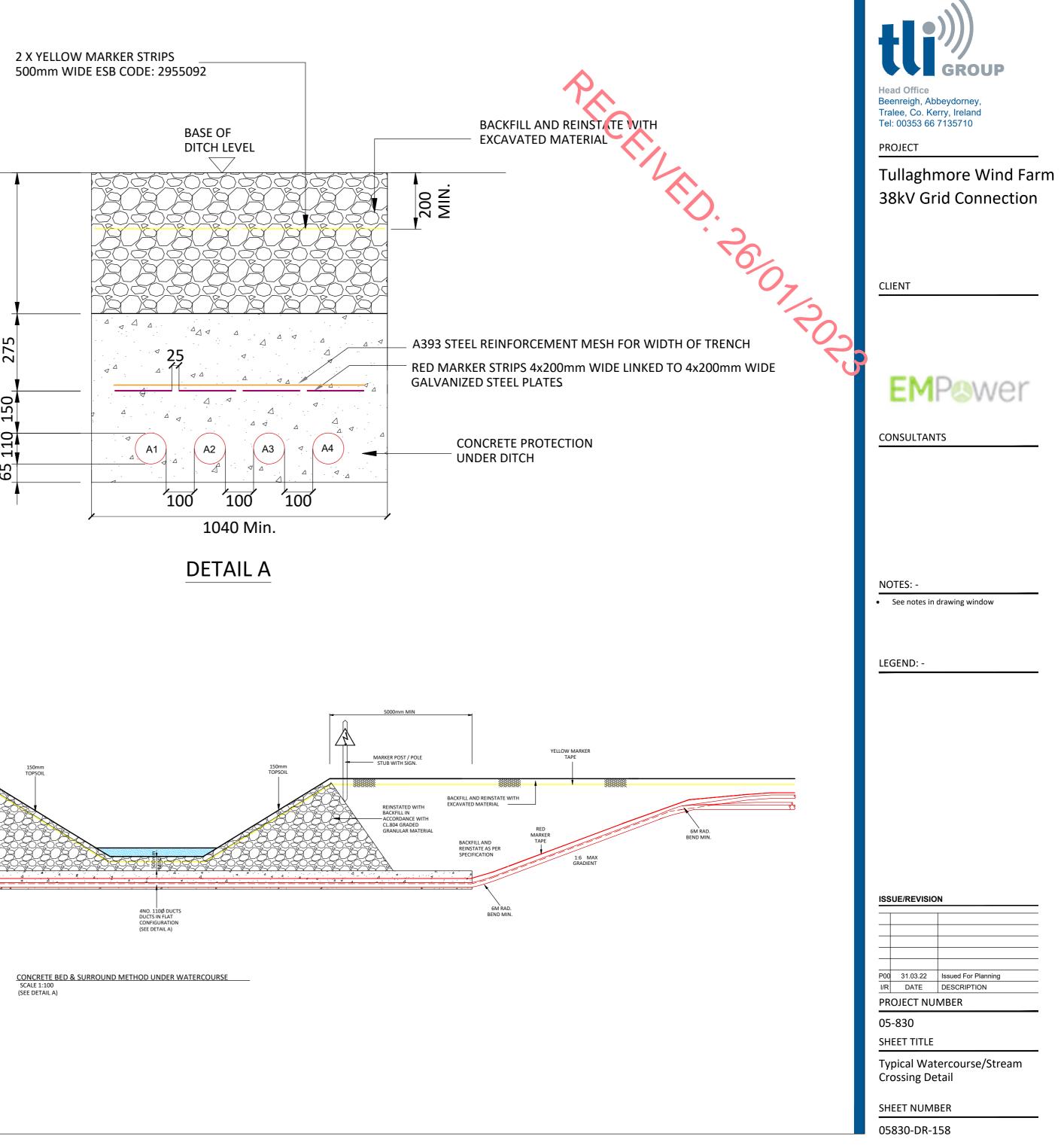
Watermain / Wastewater **Crossing Detail** 

# SHEET NUMBER

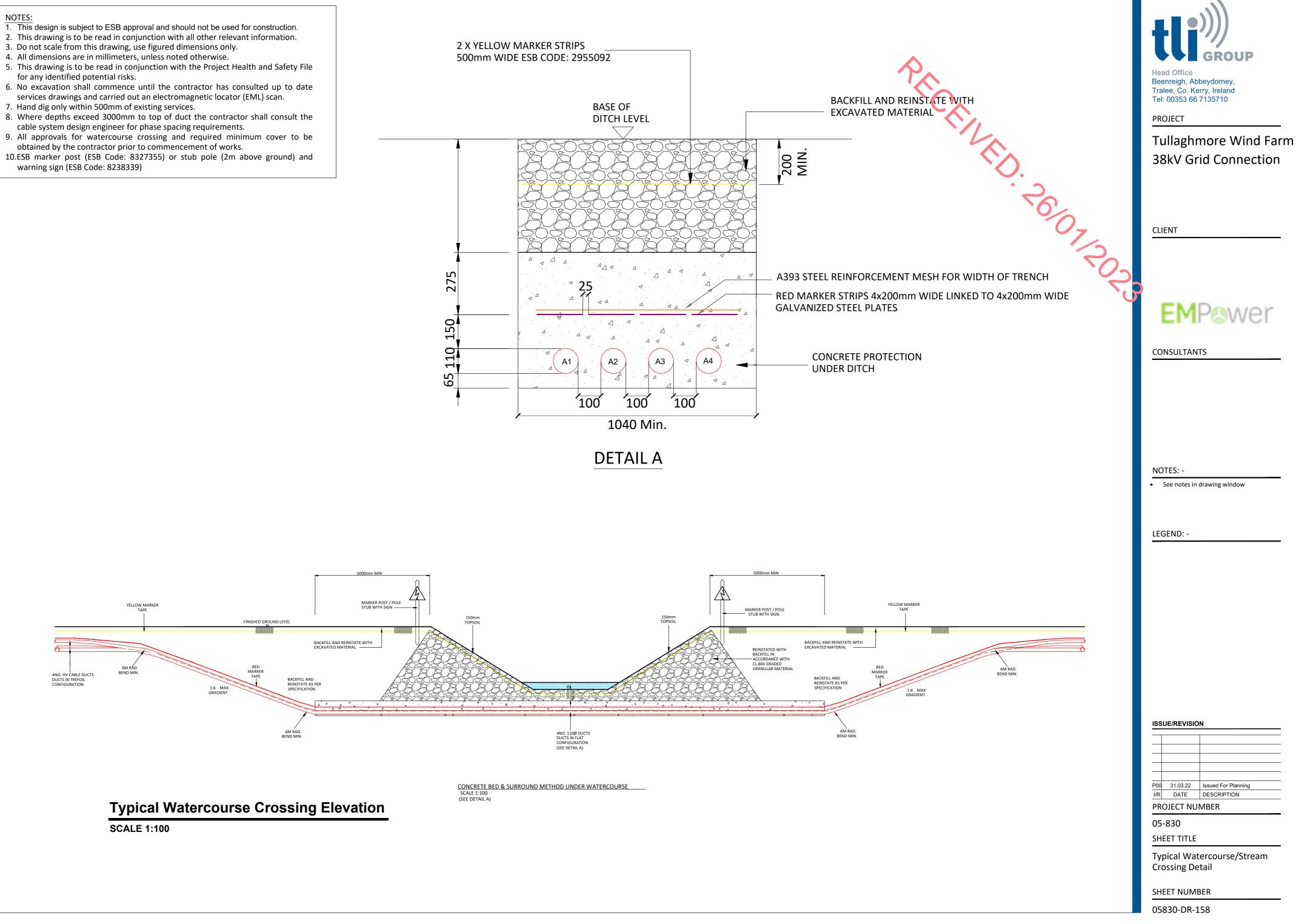
### NOTES:

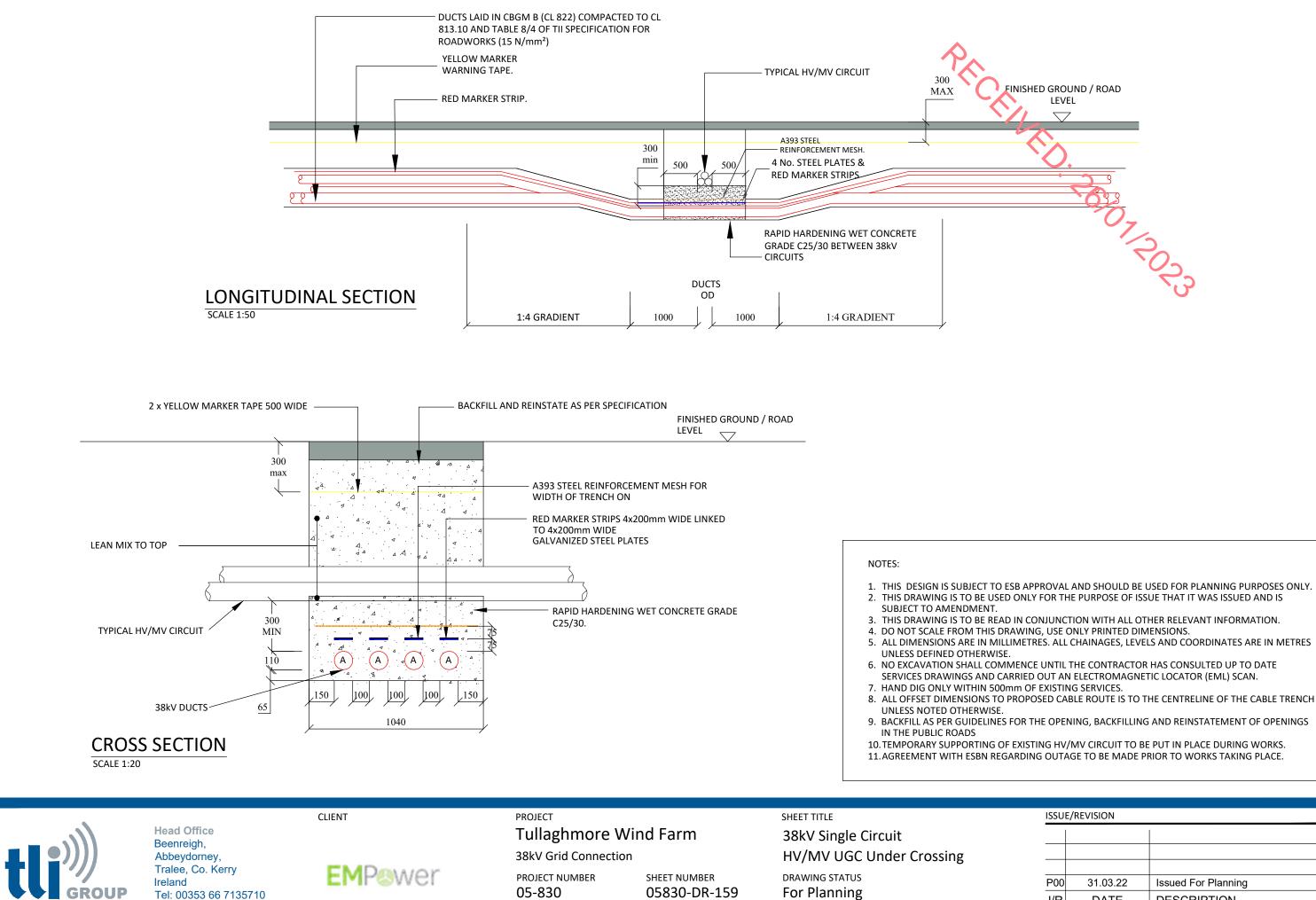
- 5. This drawing is to be read in conjunction with the Project Health and Safety File for any identified potential risks.
- 6. No excavation shall commence until the contractor has consulted up to date services drawings and carried out an electromagnetic locator (EML) scan.
- 8. Where depths exceed 3000mm to top of duct the contractor shall consult the cable system design engineer for phase spacing requirements.
- 9. All approvals for watercourse crossing and required minimum cover to be obtained by the contractor prior to commencement of works.
- warning sign (ESB Code: 8238339)



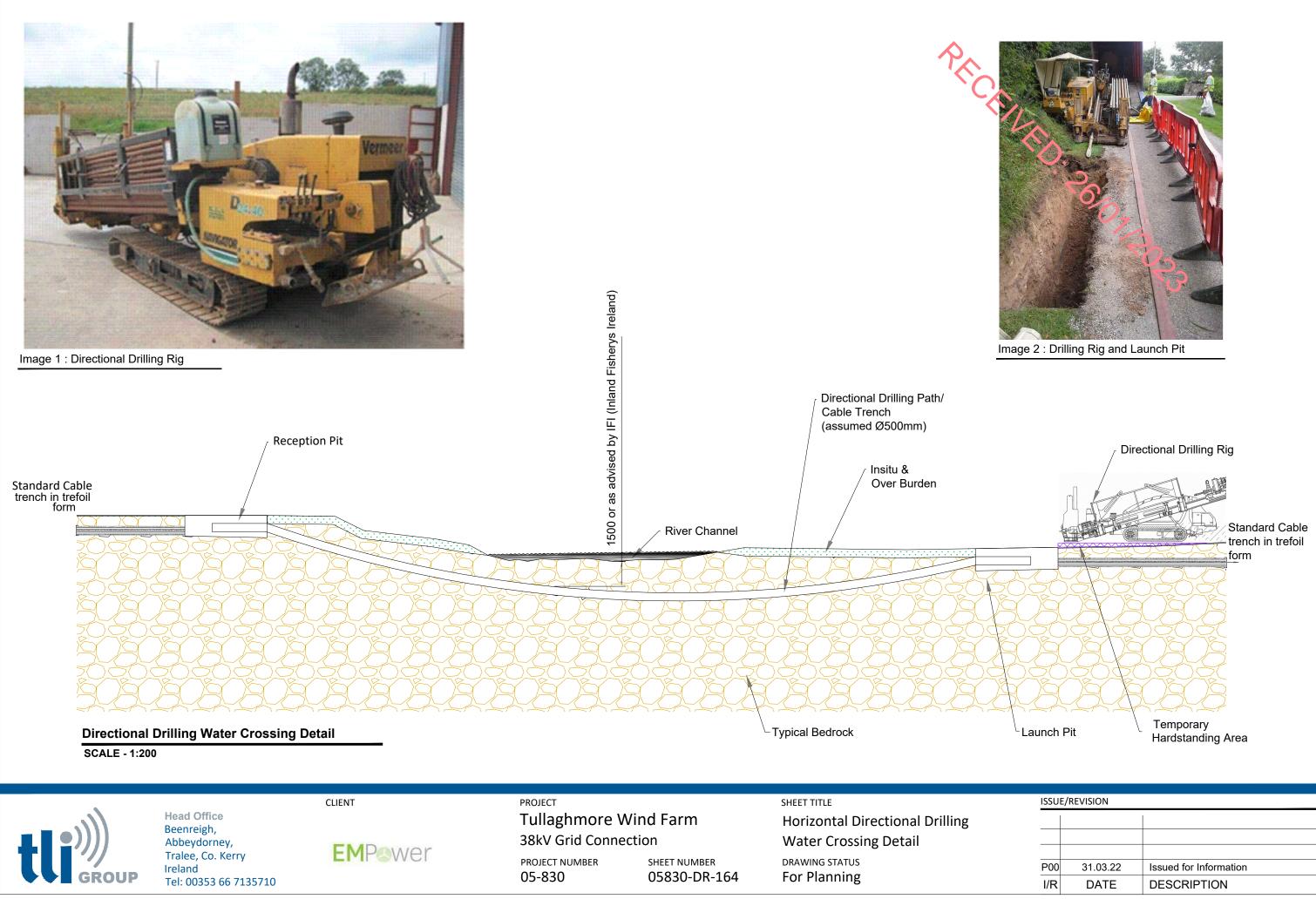








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I/R	DATE	DESCRIPTION	



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I/R	DATE	DESCRIPTION