

The Lighthouse Green Fuels Order

Application Reference: EN0110025

Applicant: LGF Projects Limited

Typical Details for Main Site Boundary Treatment and Accesses

Document Reference: 2.10

Revision: 00

Planning Act 2008
APFP Reg. 5(2)(o)

Document Information

Author	Weedon Architects
Document Title	Typical Details for Main Site Boundary Treatment and Accesses
Document Ref	2.10

Revision record

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	Date	September 2026

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Information Classification	Date	Reason
Public	September 2026	Proprietary information which will have no impact on the company if disclosed publicly

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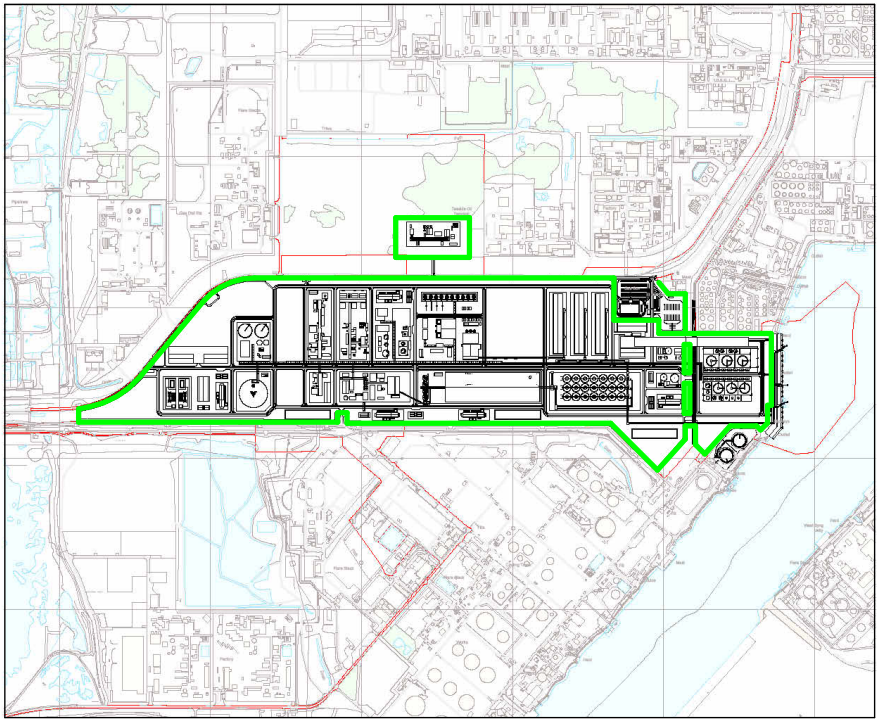


NOTES

1. ASSUMED FINISHED GROUND LEVEL IS +5.100m (AOD).

The Site (Draft Order Limits)

KEYPLAN



LEGEND

- Security Fence (Operational)
- Pole Mounted LED Light Fixture
- LED Street Light Fixture
- LED Flood Light Fixture
- LED Wallpack Light Fixture
- + LP Existing Lamp Post to Seal Sand Road

Lighting layout is indicative only and is subject to detailed design.

SECURITY & ASSET COORDINATION NOTES:

1. Perimeter Standard: Fence alignment denotes proposed LPS 1175 SR2 (B3) system requiring a 3m internal and external security zone.

2. New CCTV & Lighting (Preferred): All proposed camera masts and lighting columns shall be located outside the security zone (minimum 3m offset from the fence line) to prevent bridging and tampering.

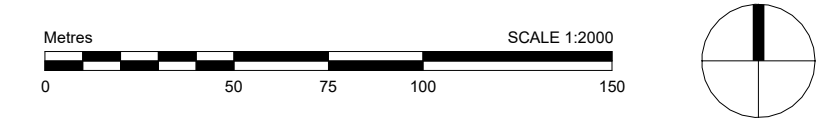
3. New CCTV & Lighting (Exception): If site constraints dictate that proposed poles must be located within the 3m security zone, they must incorporate approved anti-climb barriers and tamper-proof housings.

4. Existing Lighting Columns (Remedial Action): Existing lighting columns located outside of the new fence line and within the 3m security zone must be retrofitted with anti-climb guards and tamper-proof fixings prior to operation.

Planning Inspectorate Reference: EN0110025

Product: OS VML
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Rev	Date	Dr.	Ch.	Comment
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Drawing Title

2.10 Boundary Treatment and Lighting Plan - West

Client

LGF Projects Ltd.

Project Name

Lighthouse Green Fuels Project

Scale

1:2000 @ A1

Project Number

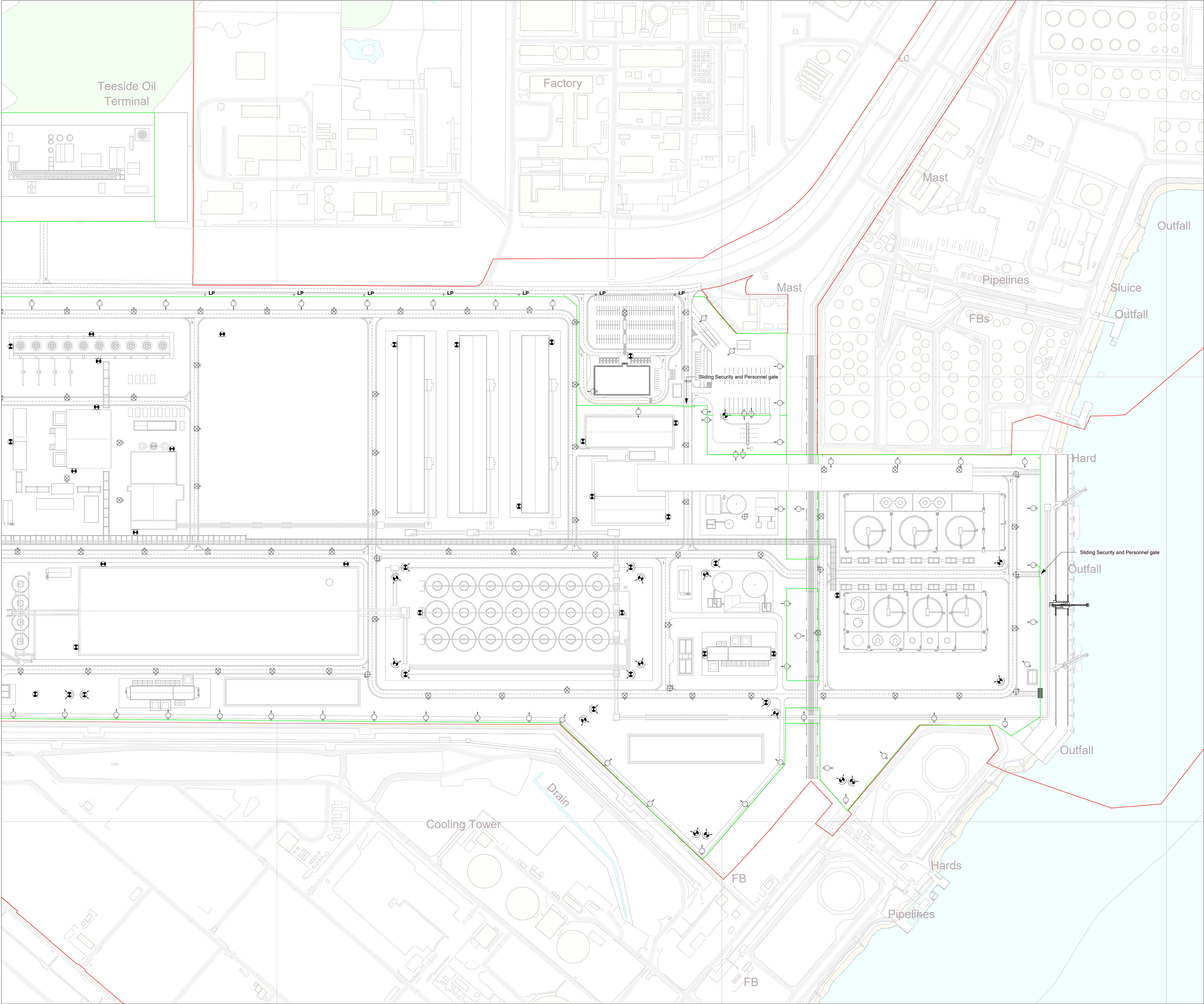
16274

Rev

00

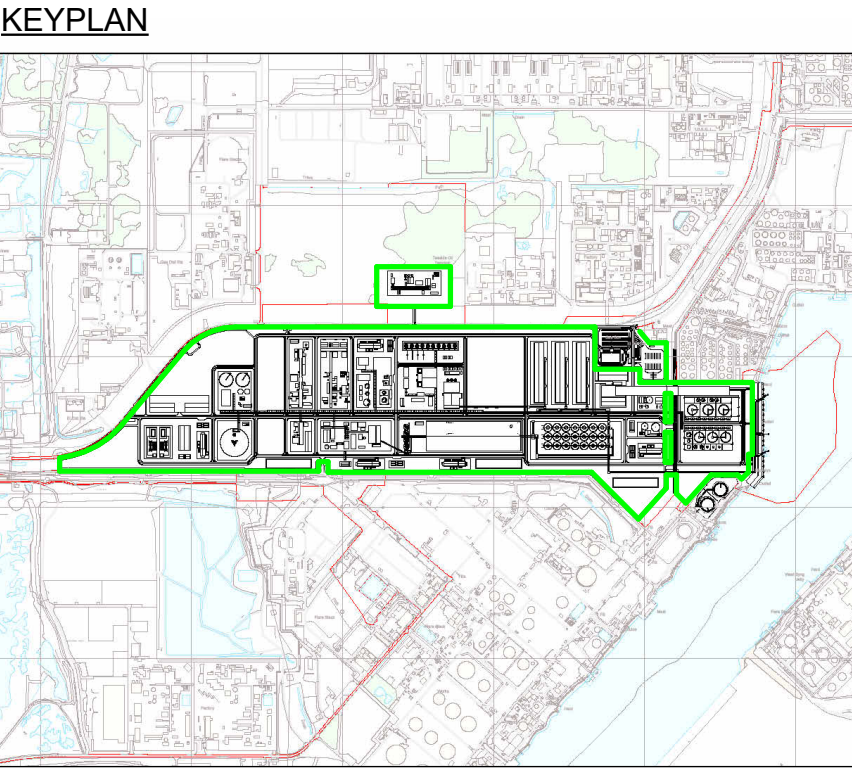
Drawing Number

2.10 Drawing 1 of 5



NOTES

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- LEGEND
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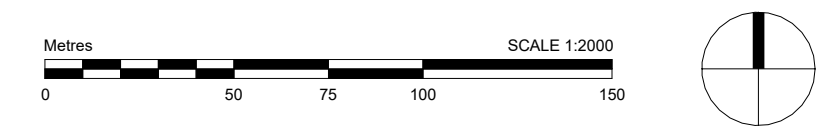
3. New CCTV & Lighting (Exception): If site constraints dictate that proposed poles must be located within the 3m security zone, they must incorporate approved anti-climb barriers and tamper-proof housings.

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Drawing Title

2.10 Boundary Treatment and Lighting Plan - East

Client

LGF Projects Ltd.

Project Name

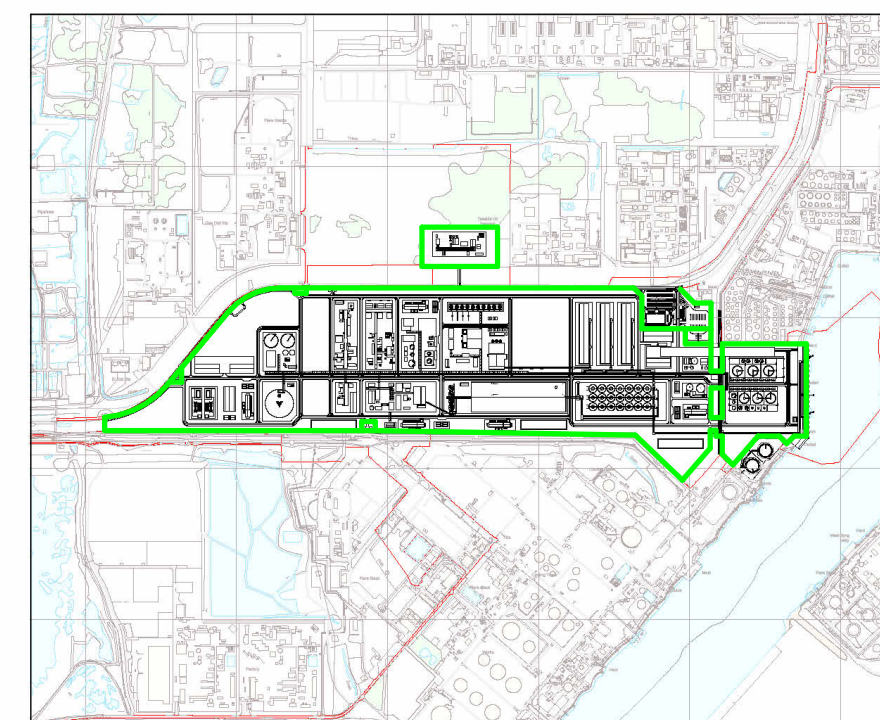
Lighthouse Green Fuels Project

Scale	1:2000 @ A1
Project Number	16274
Drawing Number	2.10 Drawing 2 of 5
Rev	00

NOTES

1. ASSUMED FINISHED GROUND LEVEL IS +5.100m (AOD).

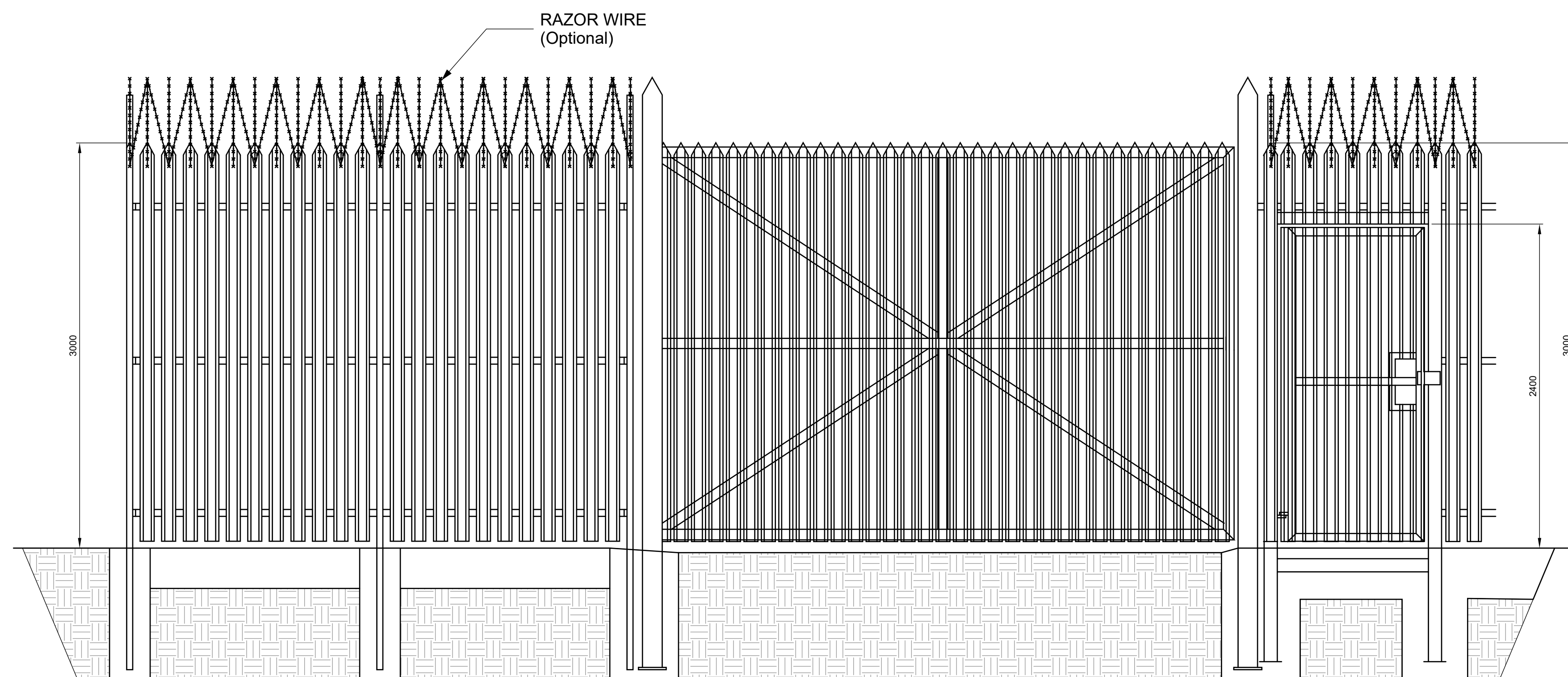
KEYPLAN



NOTES:

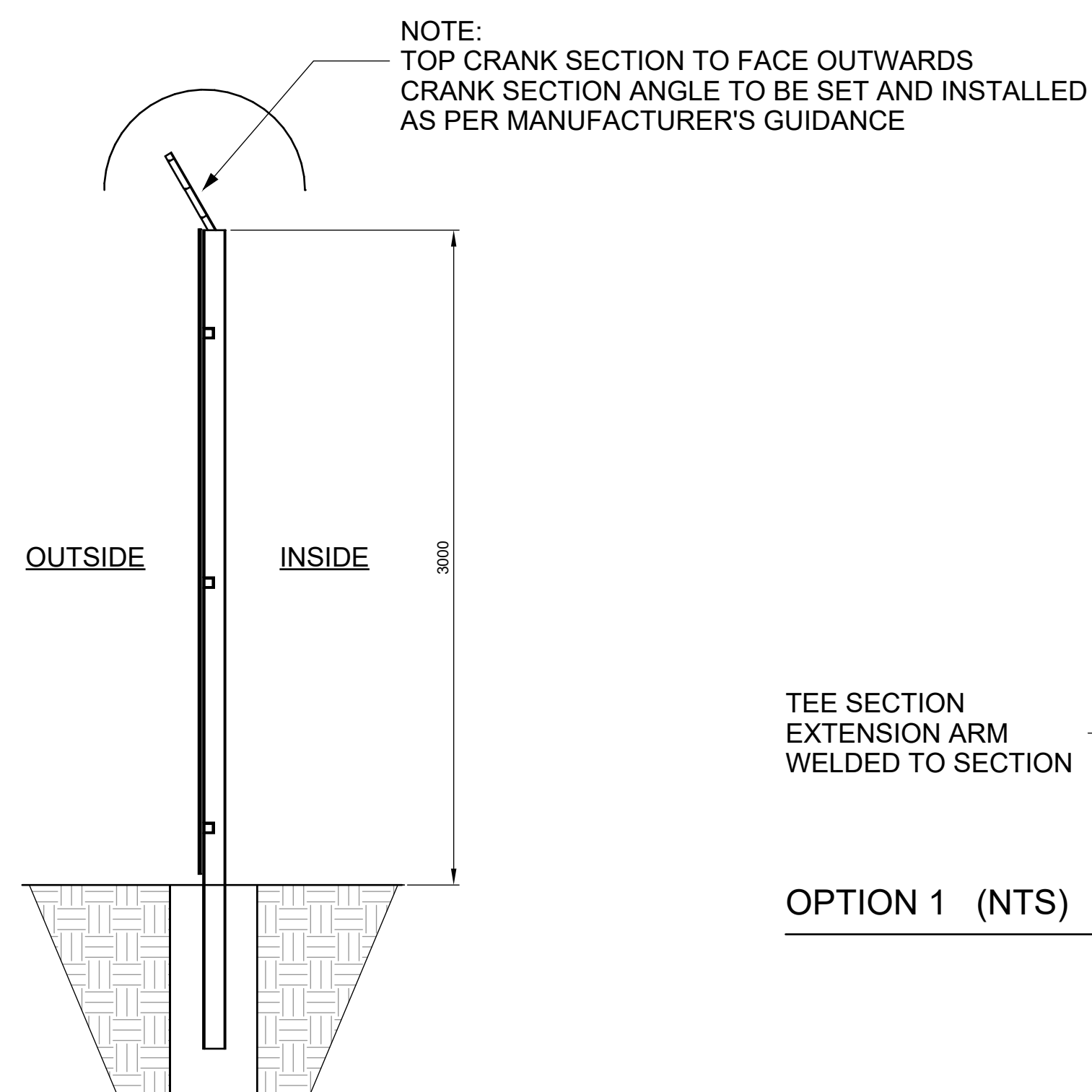
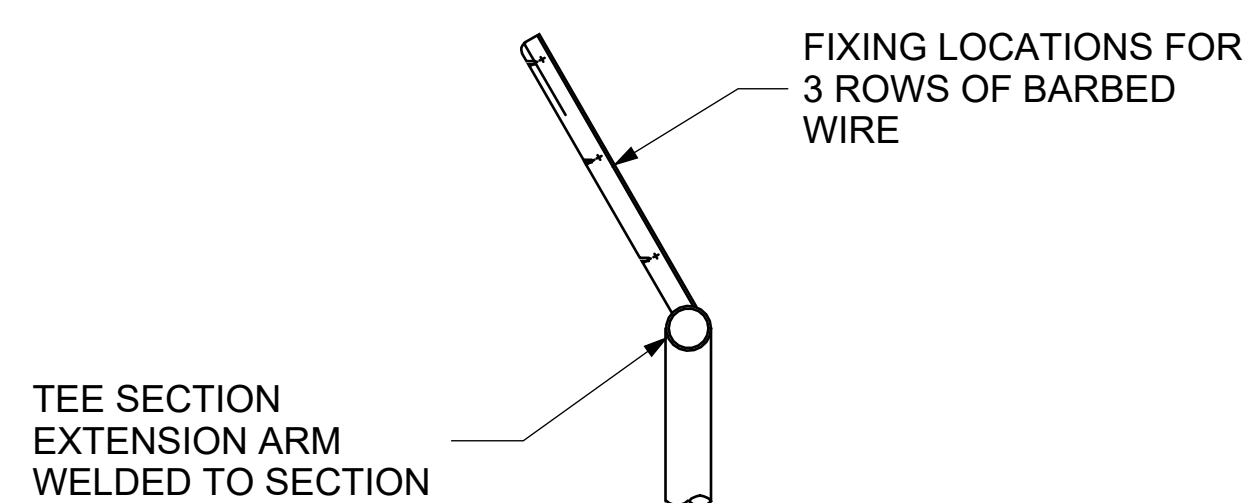
ALL DIMENSIONS SHALL BE IN MILLIMETRES
ALL PALISADE FENCING AND GATE COMPONENTS TO BE
HOT DIPPED GALVANISED

WARNING SIGNS FOR RAZOR WIRE AND ANY PHYSICAL
ANTI-CLIMB HAZARD WILL BE DISPLAYED PROMINENTLY
AT MAXIMUM 5m CENTRES AND TO ANY CHANGE OF
DIRECTION IN THE FENCING

TYPICAL SECURITY FENCE ELEVATION
(OPERATIONAL) 1:25

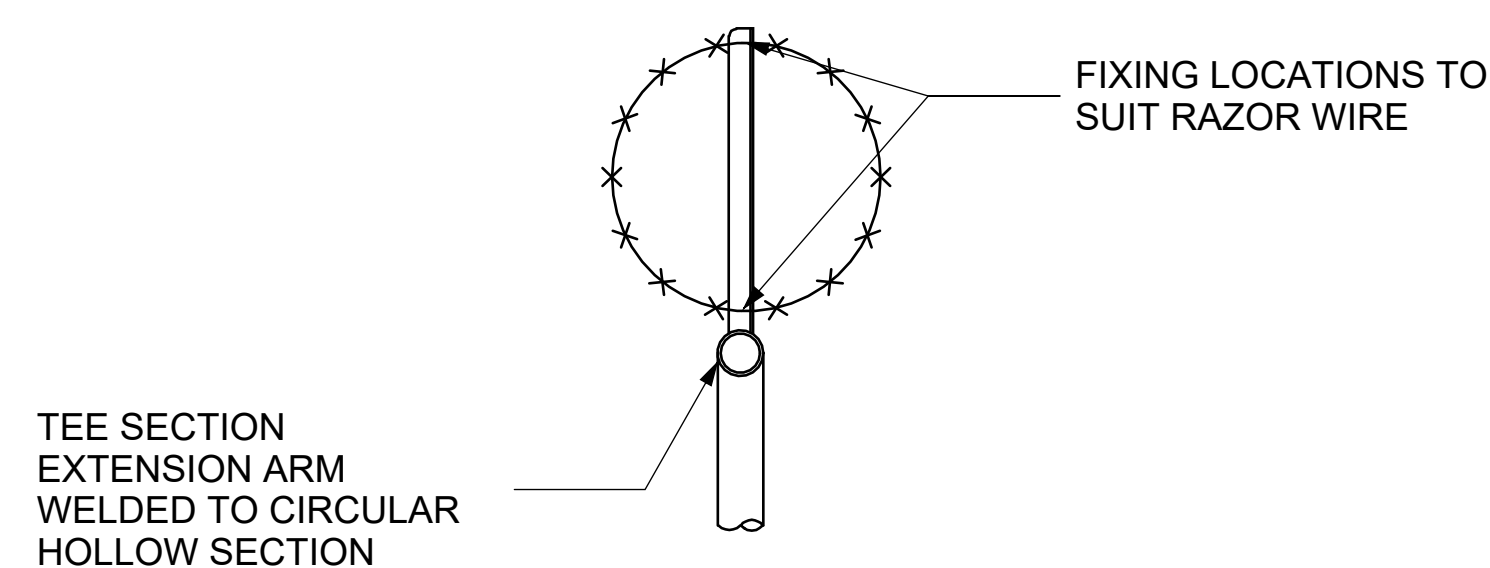
TYPICAL SLIDING GATE ELEVATION 1:25

TYPICAL PERSONNEL GATE ELEVATION 1:25

TYPICAL SECURITY FENCE SECTION
(OPERATIONAL) 1:25

OPTION 1 (NTS)

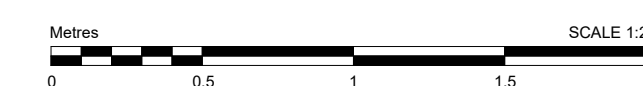
ALTERNATIVE SECURITY MEASURE DETAILS (NTS)



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Rev	Date	Dr.	Ch.	Comment
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Drawing Title

**2.10 Typical Security Fence and Gate
Details (Operational)**

Client

LGF Projects Ltd.

Project Name

Lighthouse Green Fuels Project

Scale

1:25 @ A1

Project Number

16274

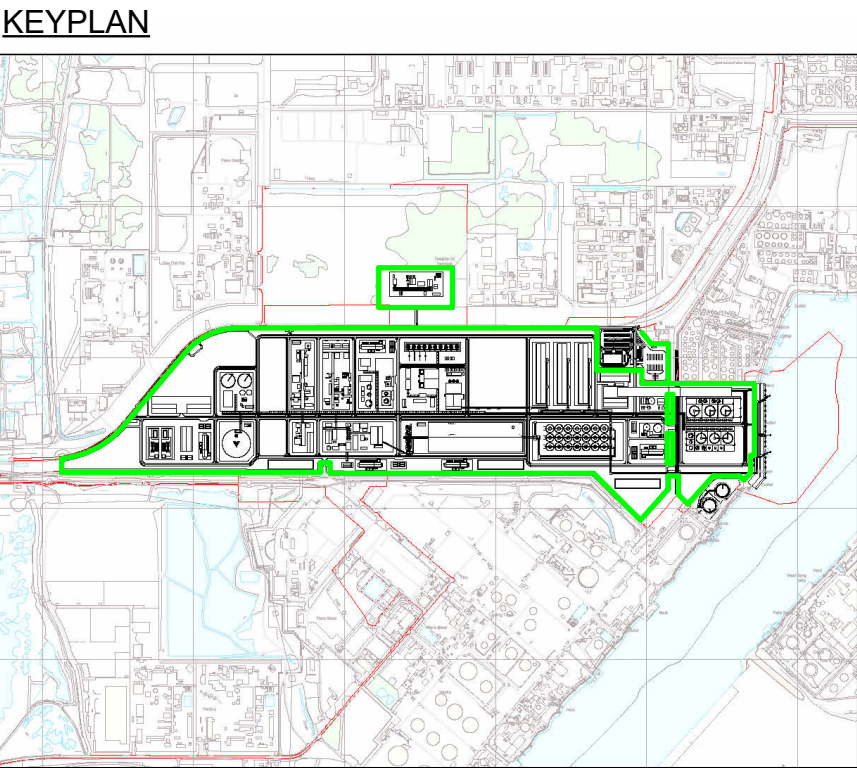
Rev

00

Drawing Number

2.10 Drawing 3 of 5

NOTES
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Rev	Date	Dr.	Ch.	Comment
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Drawing Title

2.10 Typical Lighting Fixtures and Boundary Treatment Section

Client

LGF Projects Ltd.

Project Name

Lighthouse Green Fuels Project

Scale

NTS

Project Number

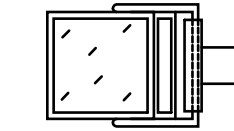
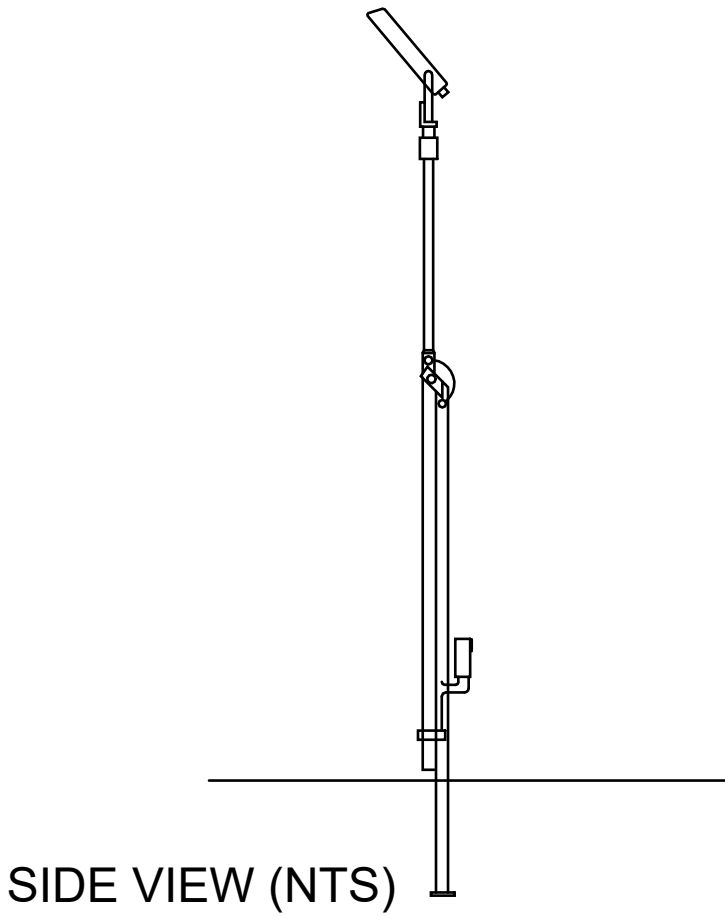
16274

Rev

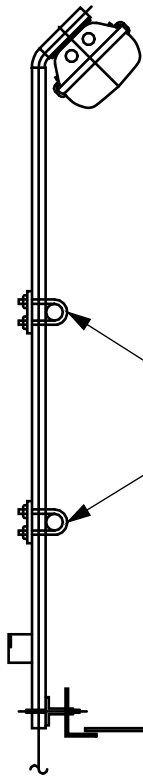
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Drawing Number

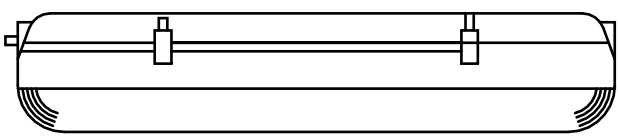
2.10 Drawing 4 of 5



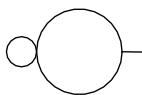
TOP VIEW (NTS)



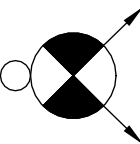
Bracing



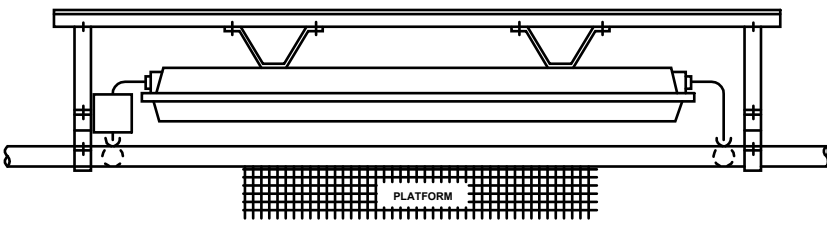
LED FITTING FRONT VIEW (NTS)



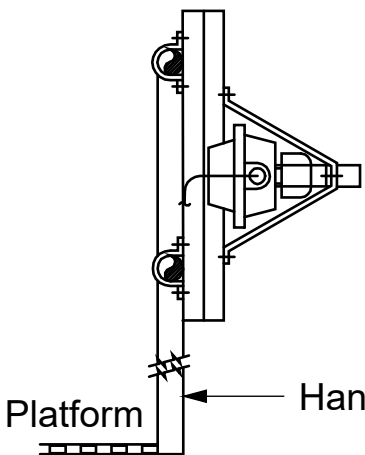
POLE MOUNTED LED LIGHT FIXTURE (NTS)



LED FLOOD LIGHT FIXTURE
POLE MOUNTED FITTING TO PROCESS PLATFORMS (NTS)



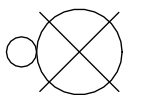
TOP VIEW (NTS)



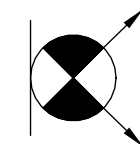
Platform

Handrail

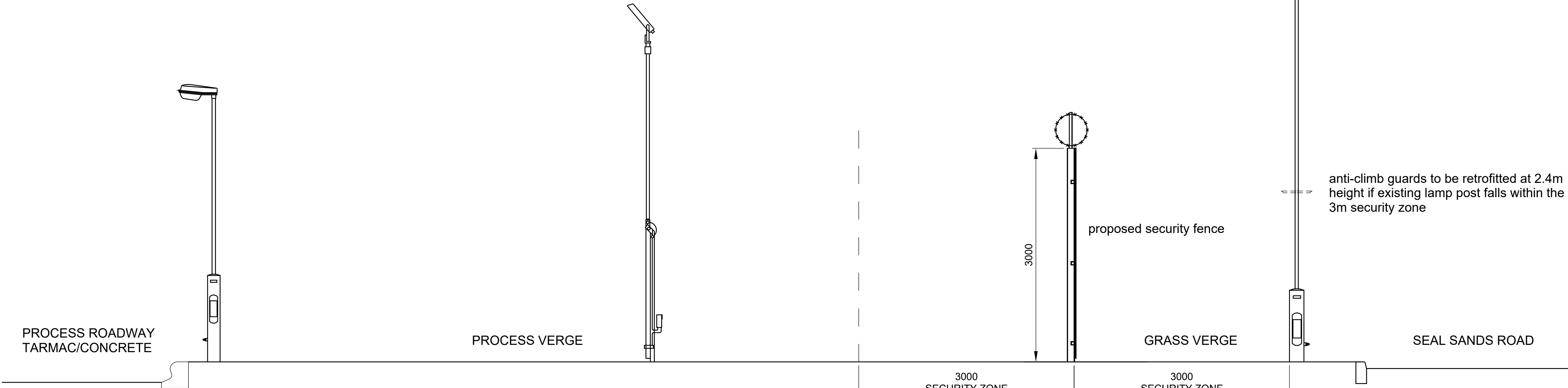
PLATFORM SECTION (NTS)



LED STREET LIGHT FIXTURE (NTS)



LED WALLPACK LIGHT FIXTURE
FITTING TO PROCESS PLATFORMS (NTS)

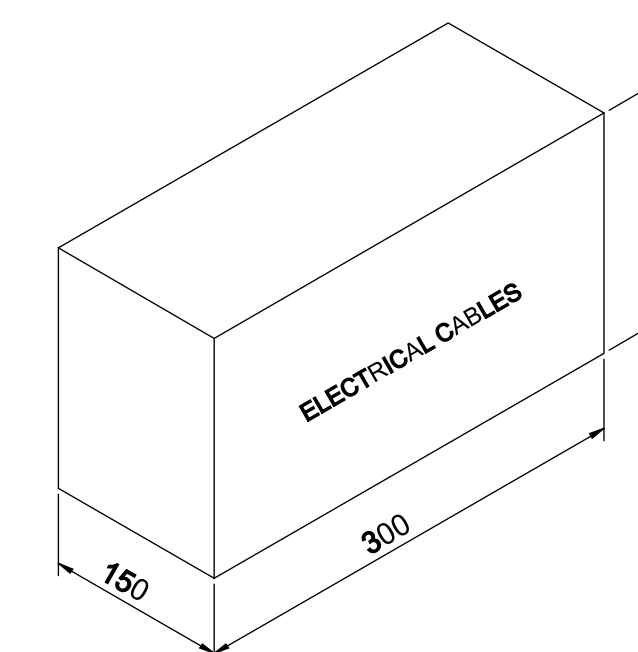


SECTION THROUGH BOUNDARY TREATMENT ADJACENT SEAL SANDS ROAD (NTS)

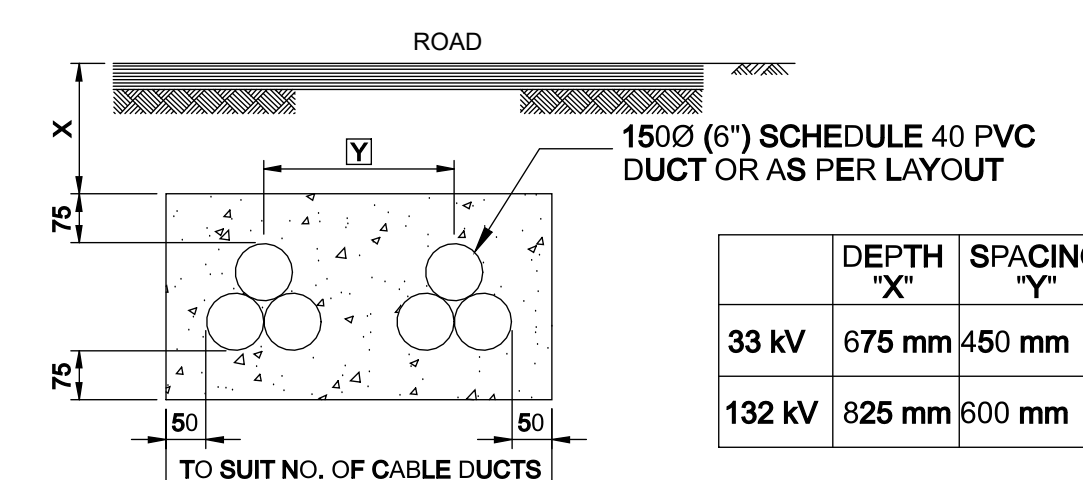
NOTES:

ALL DIMENSIONS SHALL BE IN MILLIMETRES

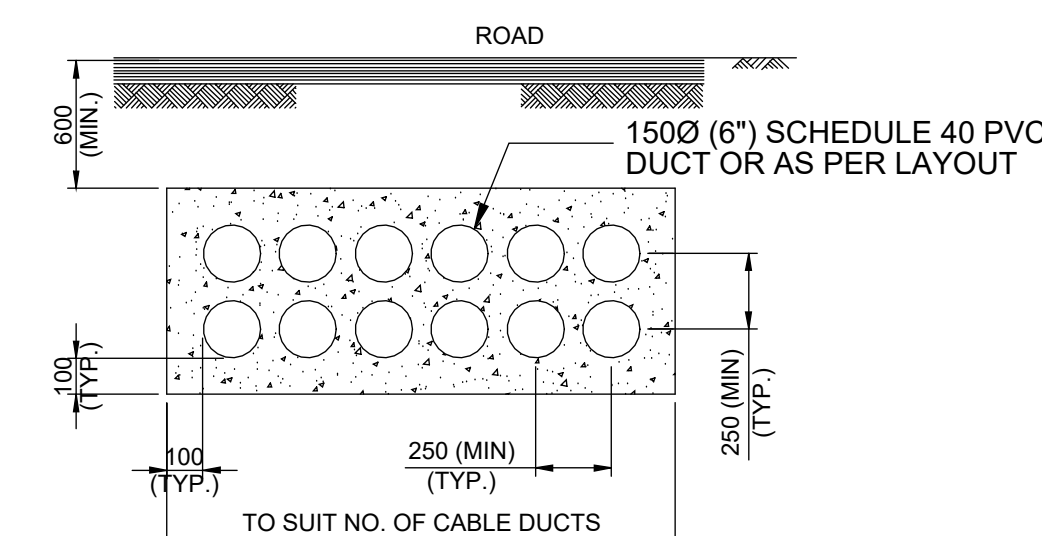
1. FOR BORED CROSSINGS, A MINIMUM OF TWO GALVANIC ANODES WITH A GALVANIC ANODE JUNCTION BOX ARE REQUIRED AT BOTH SIDE OF THE CROSSING AND CONNECTED TO THE CASING.
2. FOR OPEN CUT CROSSINGS, A MINIMUM OF TWO GALVANIC ANODES TO BE INSTALLED BENEATH CENTER OF ROAD WITH A GALVANIC ANODE JUNCTION BOX ON ONE SIDE OF THE ROAD, AND CONNECTED TO THE CASING.
3. A ONE-PI TEST STATION CONNECTED TO THE CASING IS REQUIRED, FOR OPEN CUT INSTALLATIONS, AND IS TO BE INSTALLED ON THE OPPOSITE SIDE OF THE ROAD FROM THE GALVANIC ANODE JUNCTION BOX.



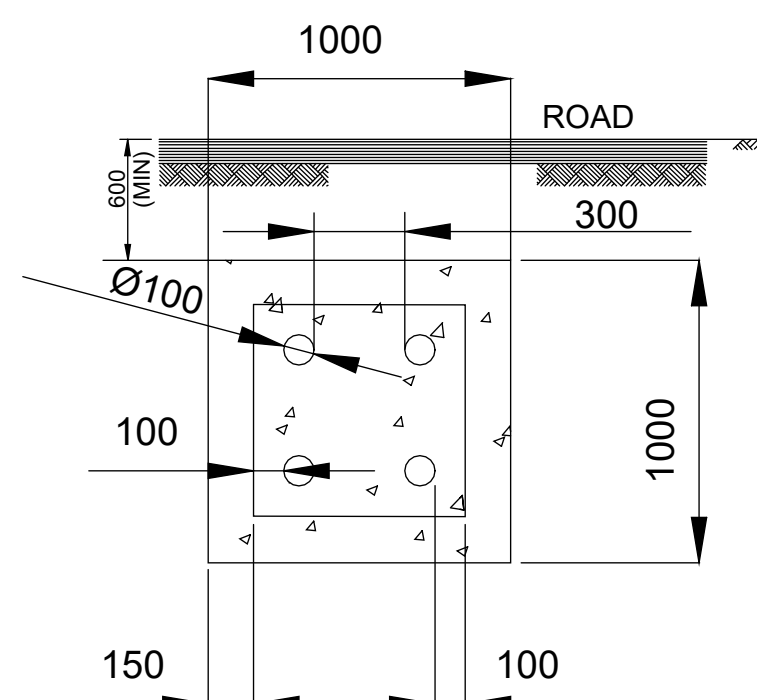
DETAIL A
TYPICAL TRENCH ROUTE MARKER (NTS)



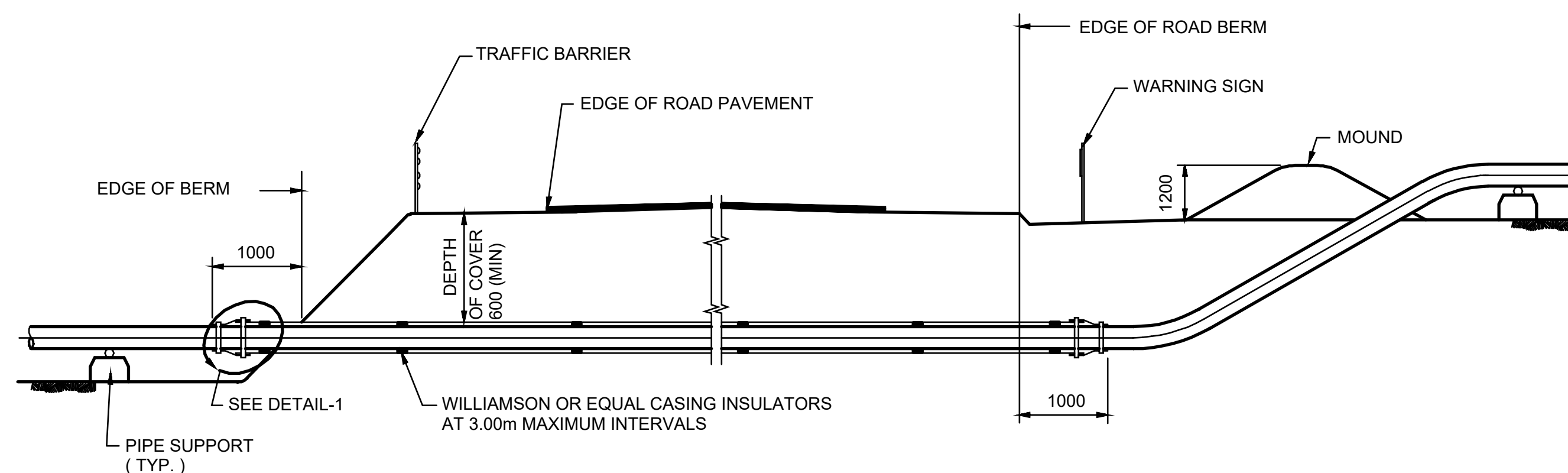
TYPICAL DETAIL FOR DUCT BANK AT ROAD
CROSSING FOR 33 kV AND 132 kV TREFOIL CABLES (NTS)



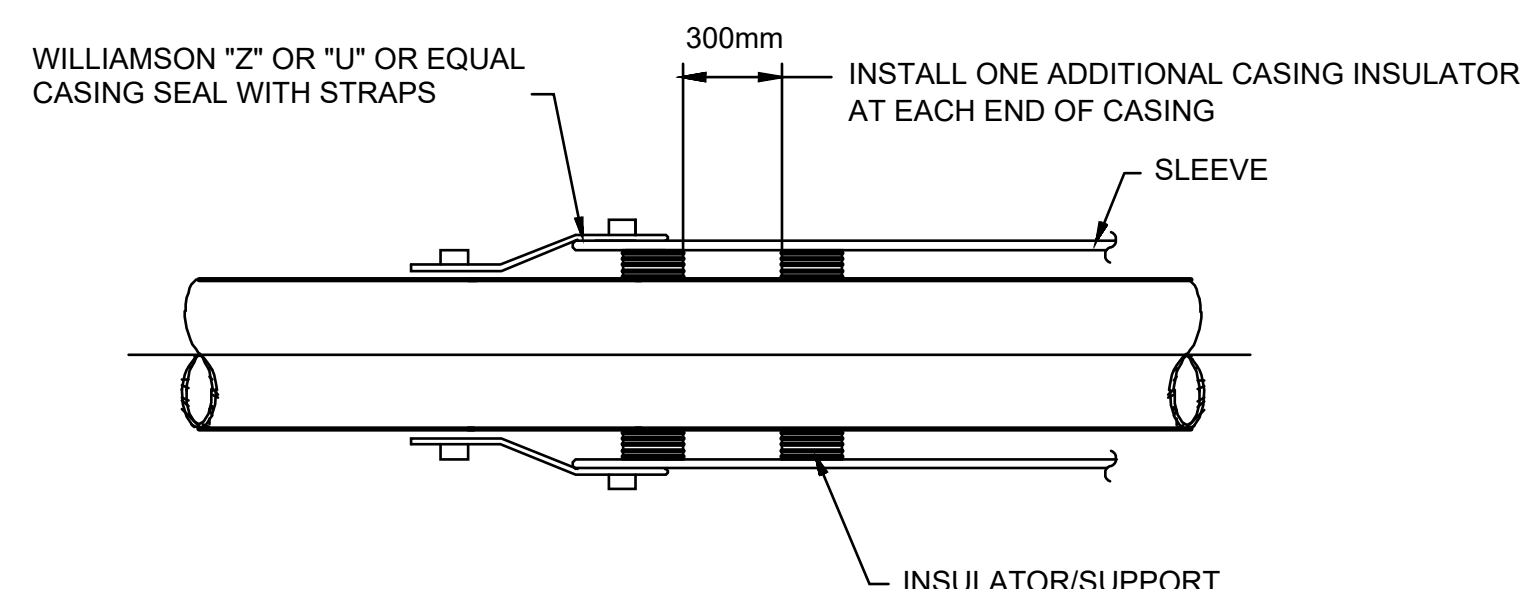
TYPICAL DETAIL FOR DUCT BANK AT ROAD
CROSSING UPTO 11 kV CABLES (NTS)



CI &TELECOM CABLE DUCT DETAILS (NTS)

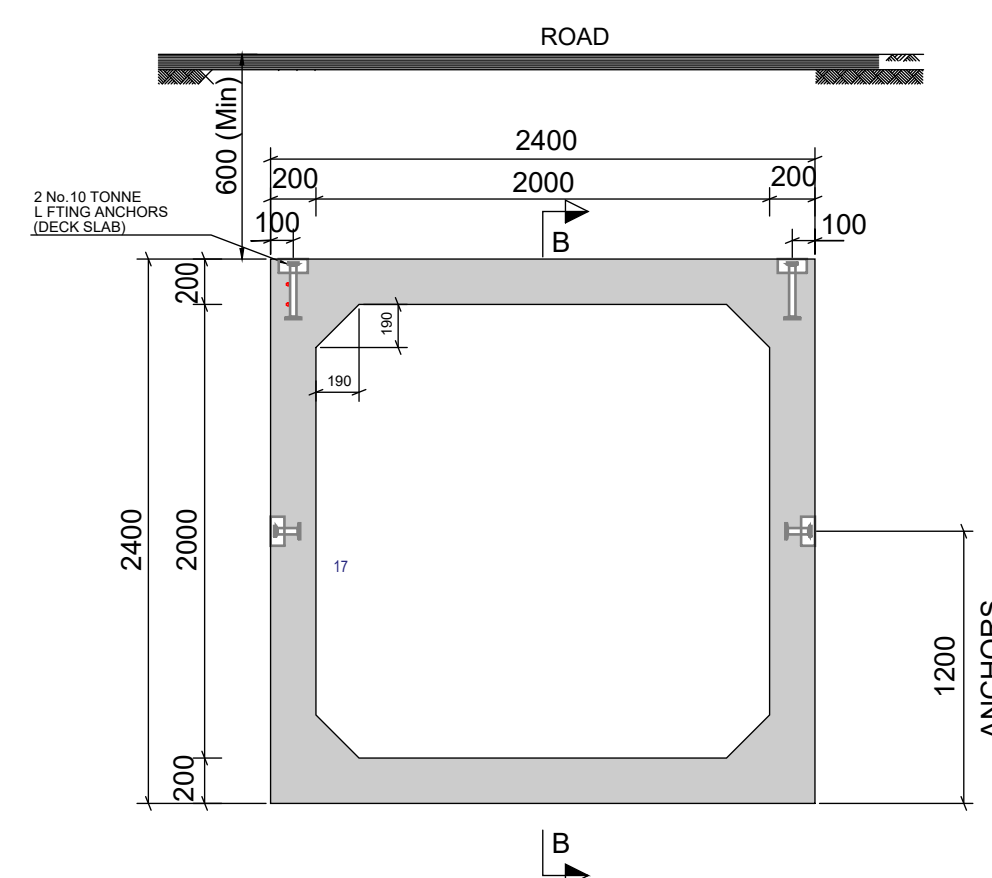


ELEVATION 1:50

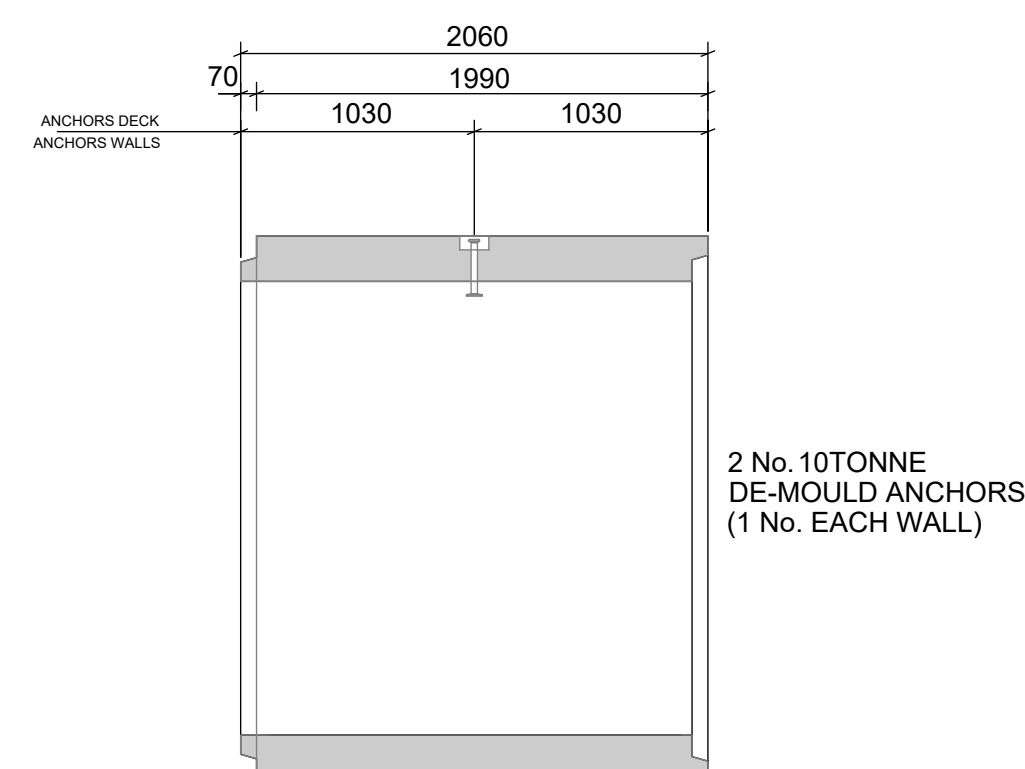


DETAIL-1

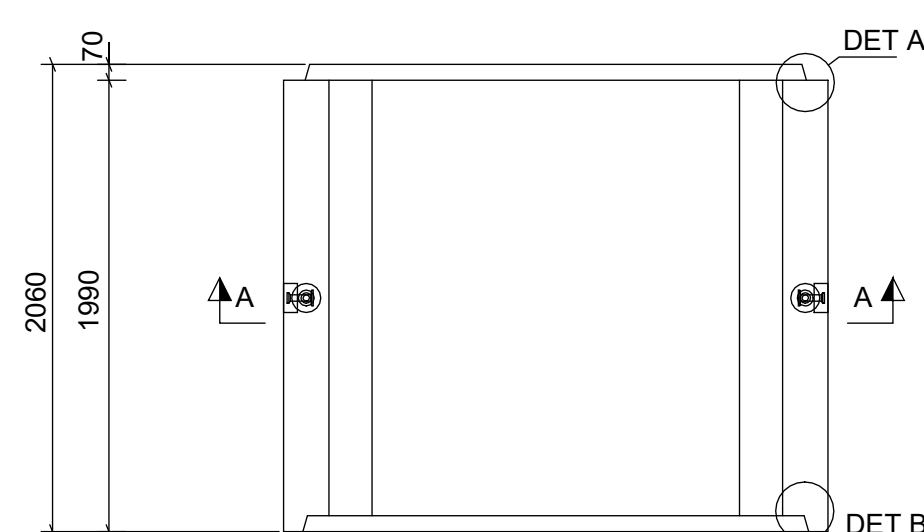
SLEEVED ROAD CROSSING
FOR ABOVE GRADE PIPELINES (NTS)



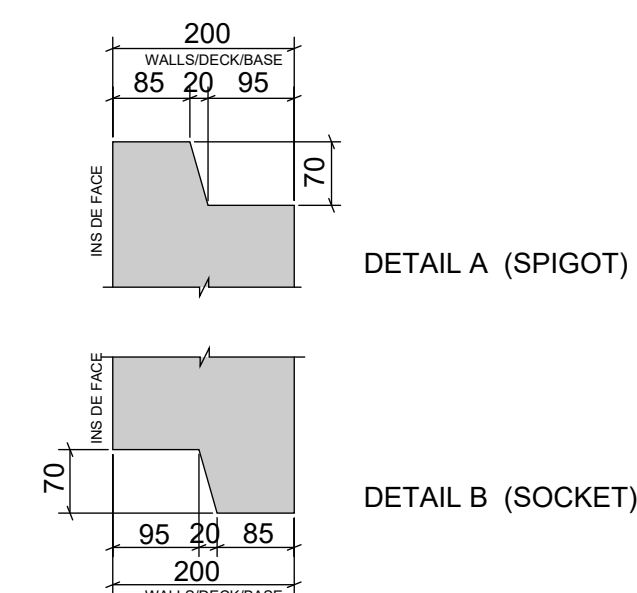
CULVERT CROSS SECTION A-A (NTS)



CULVERT CROSS SECTION B-B (NTS)



PLAN VIEW ON DECK SLAB
TYPICAL UNIT SHOWN 2000X2000 (NTS)



TYPICAL DETAILS FOR PRECAST CULVERT
BELOW ROAD FOR UTILITY CROSSINGS (NTS)