



Energy for
generations

North South 400 kV Interconnection Development

ESB Networks

Discharge of Condition 7 on Material Storage Yard of ABP Order 02.VA0017

Document No.: PE687-F0422-R422-025-002

Date: 03/03/2026

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File Reference:	PE687-F0422	
Client Recipient:	/ ESB NETWORKS	
Project Title:	North South 400 kV Interconnection Development	
Report Title:	Discharge of Condition 7 on Material Storage Yard of ABP Order 02.VA0017	
Report No.:	PE687-F0422-R422-025-001	
Revision No.:	002	
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Template Used: T-020-017-Engineering and Major Projects Report Template

Change History of Report

Date	New Revision	Author	Summary of Change
27/08/2025	001	E. Linehan	Additional information provided in response to queries from Monaghan Co. Co. Section 3 – Additional images provided Appendix 4 and 5 – Appendices added to provide additional information in response to council queries received on the 25 th of June 2025.
03/03/2026	002	P. Silva	Additional information provided in response to queries from Monaghan Co. Co. Appendix 6 – Appendices added to provide additional information in response to council queries received on the 19 th of January 2026.

Executive Summary

ESB Engineering and Major Projects (EMP) have been appointed on behalf of ESB Networks to manage the construction and discharge of planning conditions for the construction of the 400 kV North – South Interconnector project.

The project consists of the following:

- Construction of a new 400 kV overhead line from structure no. 103 in County Monaghan to structure no. 410 in County Meath.
- Installation of new HV equipment and supporting civil works in Woodland 400 kV Station.
- Construction of the Material Storage Yard outside Carrickmacross, Co. Monaghan.

Planning approval for the Project was granted by An Bord Pleanála (ABP) (Board Order 02.VA0017) in December 2016.

The purpose of this report is to give a brief description of the proposed development and set out details of the external appearance of the construction material storage yard, details of the restoration of the site and a timescale for the implementation of restoration works.

Additional information has been provided in the report in response to queries from Monaghan County Council following their review of the report.

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1 Introduction

1.1 Background

ESB Engineering and Major Projects (EMP) has been appointed on behalf of ESB Networks to manage the construction of the 400 kV North – South Interconnector. The purpose of this report is to discharge Condition 7 of the An Bord Pleanála (ABP) order VA0017. Condition 7 requires agreement with the relevant planning authority, Monaghan County Council.

Planning approval for the project was granted by ABP in December 2016.

Condition 7 of ABP's order states the following:

“Prior to the commencement of development, details of the external appearance of the construction material storage yard, and also the restoration of the site, including a time scale for implementation, shall be submitted to, and agreed with, the relevant planning authority.

Reason: In the interest of visual amenity.”

1.2 Report Aims

This report has been prepared for the Material Storage Yard near Carrickmacross for Monaghan County Council only. This report, along with accompanying drawings and images aims to set out to Monaghan County Council the following for their approval:

- Details of the external appearance of the construction material storage yard;
- Details of the restoration of the site; and,
- A timescale for implementation of restoration works.

Additional information has been provided in the report in response to queries from Monaghan County Council following their review of the report.

2 The Approved Development

2.1 Project Overview

This approved project consists of the construction of a new 400 kV overhead line linking the existing Woodland 400 kV substation, located approximately 8km south of Dunshaughlin in Co. Meath, with a planned 400 kV substation, located approximately 3km north of the village of Moy in Turleenan, Co. Tyrone. The general alignment of the route is north to south, and the approved overhead line (OHL) is approximately 137.6 km in length. The line can be divided by county as follows:

- Monaghan County Council: Structures 103 to 212 inclusive of construction material storage yard in Carrickmacross.
- Cavan County Council: Structures 212 to 237.
- Meath County Council: Structures 237 to 410 inclusive of works in Woodland Sub-Station.

Figure 2-1 and Figure 2-2 present a condensed map depicting the approved OHL route.

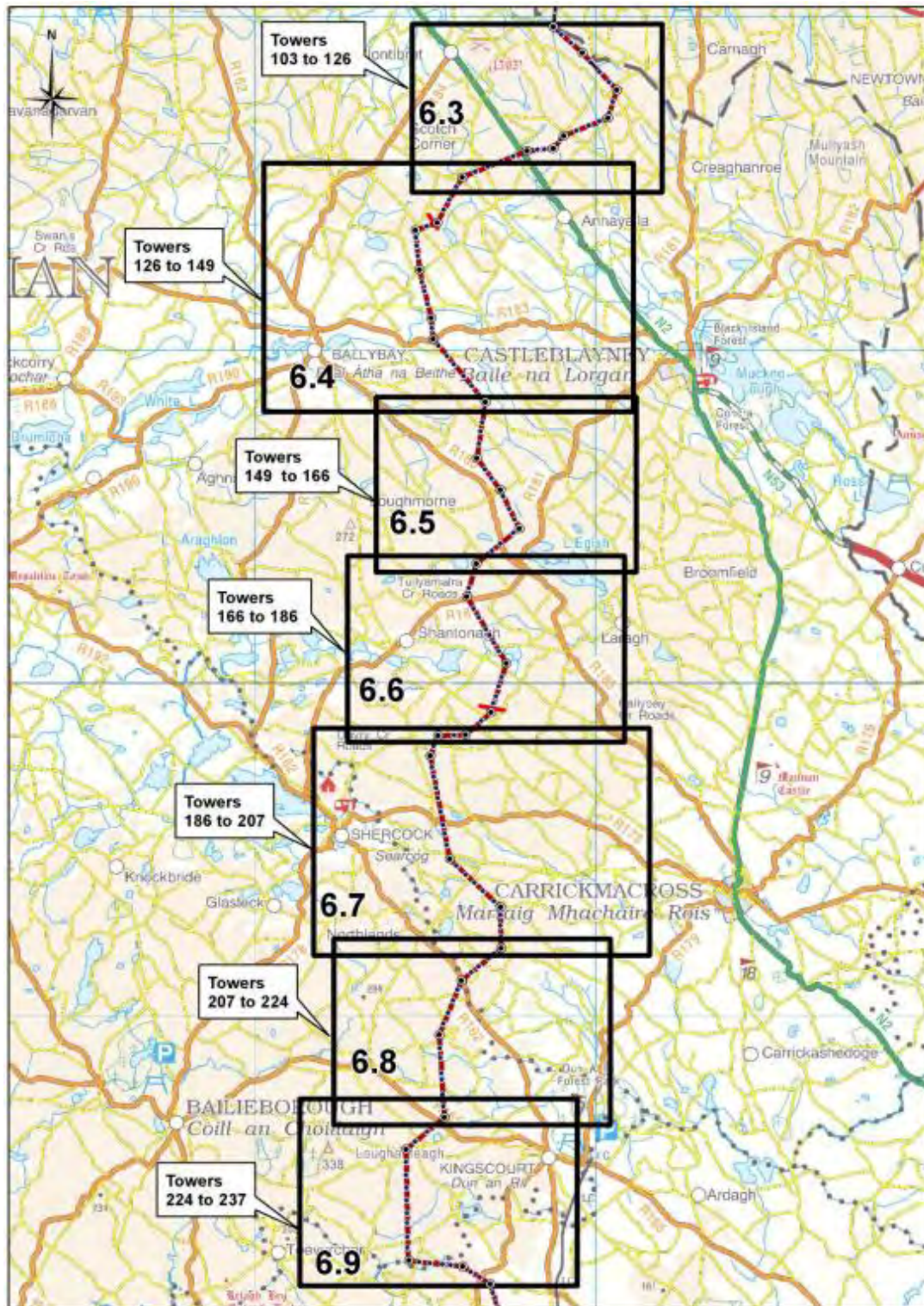


Figure 2-1 Cavan/Monaghan OHL Route

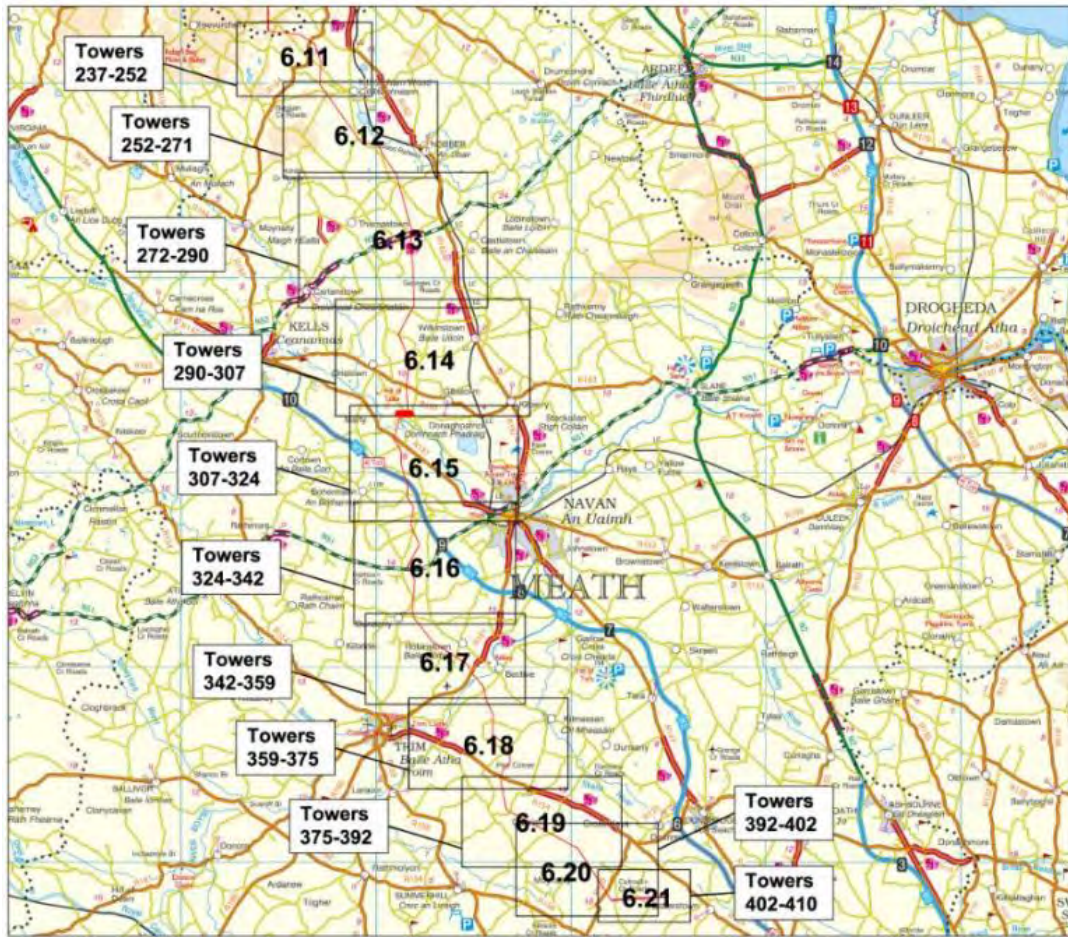


Figure 2-2 Meath OHL Route

2.2 The Material Storage Yard

The approved development includes the construction of a material storage yard for the overhead line works. It is approved to be located in the townlands of Monaltyduff and Monaltybane, Carrickmacross, County Monaghan. The yard is 1.4ha in area and is located immediately adjacent to the southern side of the N2. It is accessed via a local road (L4700). The location of the yard is shown in Figure 2-3 below.

Planning Drawing MT-009-002 titled “Proposed Temporary Construction / Material Storage Yard Site Layout Drawing” which was included in Volume 1B of the application documentation illustrates the approved works. Refer to Appendix 1 of this report for suite of drawings included in the application documentation.

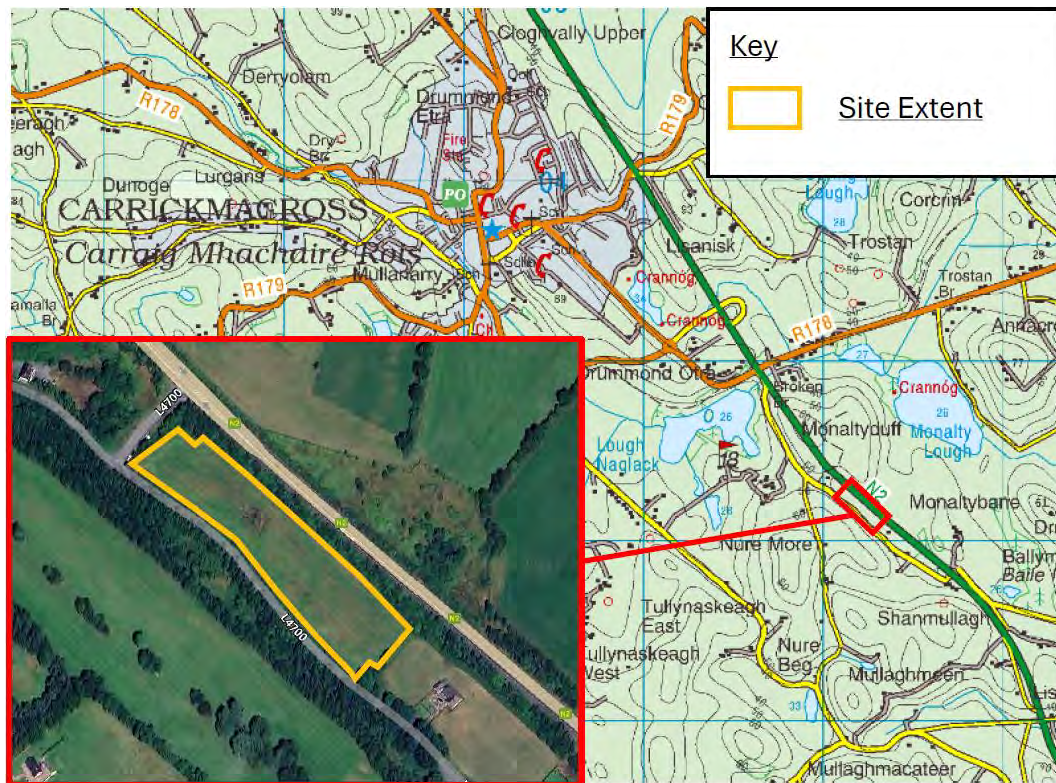


Figure 2-3 Material Storage Yard Site Location

2.3 Existing Environment

This section of the report summarises the existing conditions of the Material Storage Yard site as set out in the Environmental Impact Statement (EIS) submitted as part of the planning application, along with more up-to-date survey information including;

- Topographical survey undertaken on 24/07/2023
- Photographic survey undertaken on 26/02/2025
- Information obtained from the Geological Surveys of Ireland Database (GSI) 2025.

Further pre-construction confirmatory surveys will record existing conditions in advance of work commencing.

2.3.1 Location and Context

As described in Section 2.2 and illustrated in Figure 2-3, the construction yard is approved to be located in the townlands of Monaltyduff and Monaltybane, Carrickmacross, County Monaghan.

The approved site has a history of use as a construction yard. The site was used as a construction yard facility during the construction of the N2 National Primary Road and was reinstated to agricultural use. During a visit to site in February 2025, it was confirmed from visual inspection that the site is currently in agricultural use. As can be seen in Figure 2-4, the site is improved grassland, used for grazing, surrounded by hedgerows which had recently been cut at the time of visit in February 2025.



Figure 2-4 Material Storage Yard Current Use

While a potential turlough was marked near the site (Sheedy-Skeffinton et al, 1996), no evidence of a turlough was noted at the site or in the surrounding area in January 2014 and February 2025 or during the Wetland Survey County Monaghan (Foss & Crushell, 2011). It should be noted that the entire low lying area to the east was also modified to accommodate the N2 by-pass.

2.3.2 Designated Ecological Sites

There are no European designated sites within the vicinity of the Material Storage Yard, as shown in Figure 2-5. The nearest European designated sites are located as follows:

- Dundalk Bay SAC located ca. 20km to the East of the Material Storage Yard.
- Stabannan-Braganstown SPA (site code 004091) located ca. 16km to the South East of the Material Storage Yard.

None of the European designated sites are directly hydrological linked or dependant on the Material Storage Yard site.

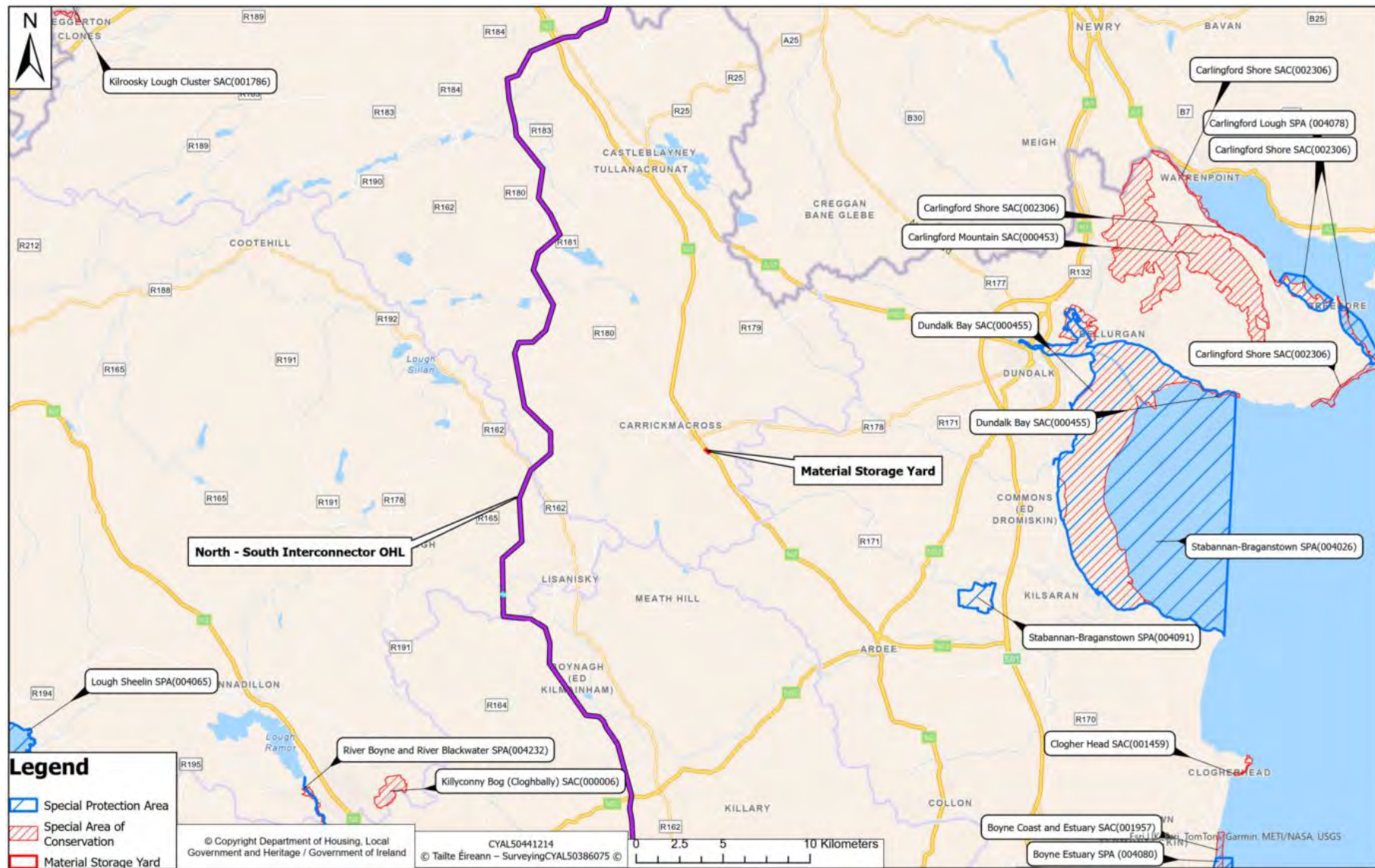


Figure 2-5 Designated European Sites located within vicinity of the Storage Yard

3 Approved Works

The storage yard will be constructed in advance of the overhead line construction works and will include secure storage areas, staff parking, temporary offices and welfare facilities. The yard will be used to store construction material, primarily the steel tower structures, and machinery associated with the construction of the proposed overhead line. A 2.6 m high boundary palisade fence will be constructed around the perimeter of the site. A standalone noise barrier fence will be erected along three sides of the site boundary. Refer to Figure 3-1 for an example.



Figure 3-1 Example of noise barrier fence

It is proposed to create a new gated entrance midway along the L4700 road on the southern boundary of the site. The entrance will consist of a 6m wide gate opening with a concrete apron at entrance area.

Topsoil will be stripped, and a geotextile membrane will be placed on the formation to enhance soil stabilisation, prevent material migration and protect the underlying layers of soil. A 150 mm thick layer of compacted 6F2 stone will then be imported and placed, followed by a final layer of compacted UGM-A stone, also 150 mm thick, to finish the compound surface. An impermeable reinforced concrete slab (minimum 200mm thickness) will be in place at a demarcated fuelling area and waste collection area to ensure that contaminants do not percolate into the hydrogeological environment.

Section 8.6.1 of the EIS (Vol 3C) states the following: “The surface water drainage system at the construction material storage yard will take into account the recommendations of the CIRIA C468 and utilises SuDs (sustainable urban drainage) devices where appropriate. Runoff from site will be limited to greenfield runoff rates. Runoff will pass through a silt trap, oil interceptor and settlement lagoon before being discharged to the surface water.” Refer to Figure 3-1 for an example of a silt fence.



Figure 3-2 Example of silt fence

The oil interceptor will be installed and connected to proposed surface water drainage. No connection to public foul sewer or wastewater treatment plant is proposed in the Material Storage Yard. Foul wastewater will be dealt with by means of a temporary holding tank which will be emptied periodically.

The proposed Material Storage layout including all elements described above are presented on the drawings listed in Appendix 2.

4 Proposed External Appearance

The perimeter of the site currently consists of a mixed hedgerow and a timber and post fence. The palisade fence will be constructed inside the timber and post fence line which will fully demarcate the existing hedgerow. The existing hedgerow will provide a natural visual barrier, partially concealing the material storage yard. A typical view of a palisade fence behind a hedgerow is shown in Figure 4-1 and a typical palisade gate is shown in Figure 4-2.



Figure 4-1 Example of palisade fence behind hedgerow

<https://www.trentwoodfencingoxfordshire.co.uk/site-assets/images/Case%20Studies/steel-palisade-honda-2.jpg>



Figure 4-2 Example of palisade fence gate

https://www.proctercontracts.co.uk/wp-content/uploads/2018/09/palisade_swing_gates901.jpg.webp

Proposed Elevation Along Road L4700 as shown on drawing MWP-ZZ-ZZ-DR-C-0102 - Site Layout Plan & Details in Appendix 2, illustrates the view of the yard along its southern boundary. Extracts from this drawing are shown in Figure 4-3 and Figure 4-4. Refer to Appendix 2 for more details.



Figure 4-3 Proposed Elevation Along Road L4700 (1 of 2)

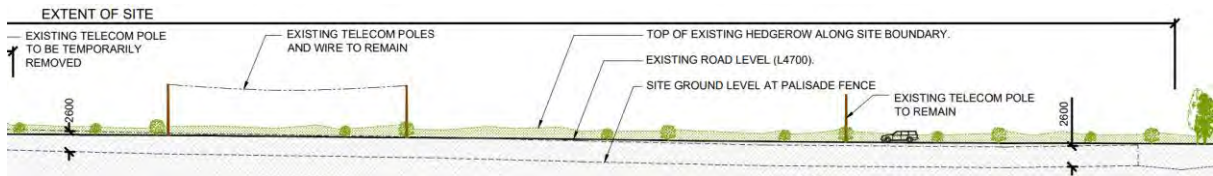


Figure 4-4 Proposed Elevation along Road L4700 (2 of 2)

5 Proposed Restoration of The Site

Upon completion of the construction activities, the temporary construction and material storage yard will be fully decommissioned and reinstated as near as practicable to its pre-construction condition as seen in Figure 2-4. It is intended for the site to return to agricultural use upon reinstatement.

To return the site to its original condition, it is anticipated works will take place in the following order (refer to drawings PE687-D422-039-001, PE687-D422-039-002 and PE687-D422-039-003 as listed in Appendix 3 for further details of decommissioning and reinstatement works);

1. Removal of plant, equipment and materials
2. Removal of ground structures
 - o Site offices (prefabs)
 - o Storage containers
 - o Portable toilets
 - o Nut and bolt store
 - o Wheel wash
3. Removal of below ground drainage and services
 - o Surface and foul water drains including all manholes, benching and stone surrounds to manholes
 - o Oil interceptor and foul holding tank
 - o Water supply pipes
 - o LV supply ducts
 - o Comms ducts
 - o French drains and catch pits
 - o Culvert and road gullies at the site entrance
4. Removal of ground level surfaces
 - o Reinforced concrete entrance apron slab
 - o Stone fill layers
 - o Geotextile membrane
5. Removal of palisade fencing
 - o Palisade perimeter fence and noise barrier and associated foundations
 - o Palisade gate at the site entrance and associated foundations
 - o Silt fence and associated foundations
6. Relevelling of ground profile
 - o Relevel the site using topsoil to restore the area to the original ground level
7. Reseeding of grass
 - o Evenly distribute grass seed and follow immediately by light raking to ensure the cover of the topsoil covers the grass seed

8. Reinstatement of site entrance

- o Site entrance ramp and embankment to be reinstated to original levels with concrete entrance apron removed
- o Grass verge to be reinstated
- o Tarmac a section of road edge, where entrance apron is removed

9. Reinstatement of hedgerows

- o Hedgerows and planting to be reinstated to match existing (horticultural survey before any hedgerow removal to take place ensuing reinstatement matches original species).

5.1 Timescale for Implementation

It is proposed that the Material Storage Yard restoration will commence within ca. 4 weeks of the completion of the overhead line works. An approximate programme for execution of the restoration plan is presented in Table 5-1 below.

Week	1	2	3	4	5	6	7	8	9	10
Removal of remaining materials, equipment and cabins										
Excavation of drainage infrastructure and filling of trenches										
Removal of hardcore										
Reinstatement of existing entry and removal of fence										
Replacing topsoil (to be imported)										
Grass seeding and hedge replanting / reinforcement										

Table 5-1 Proposed Material Storage Yard Reinstatement Timeline

Regardless of the timing of reinstatement works; seeding of grass will take place in late autumn or late spring following completion of topsoil replacing. Hedgerow replanting / reinforcement will take place during the middle of the first dormant season (ca. mid-November to mid-February, depending on weather) following reinstatement of the existing entry and fence removal.

6 Conclusion

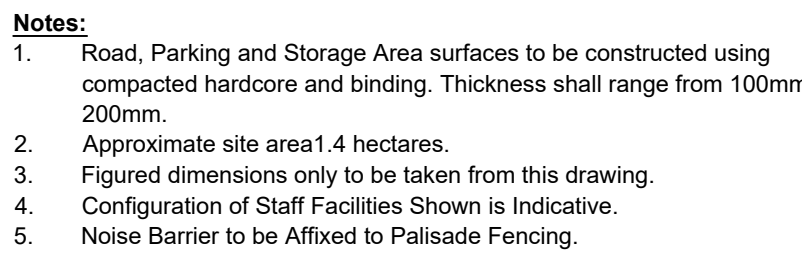
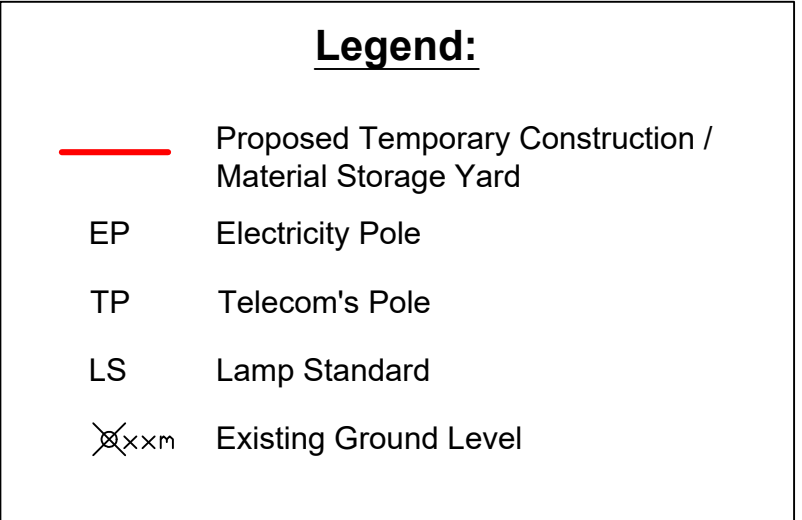
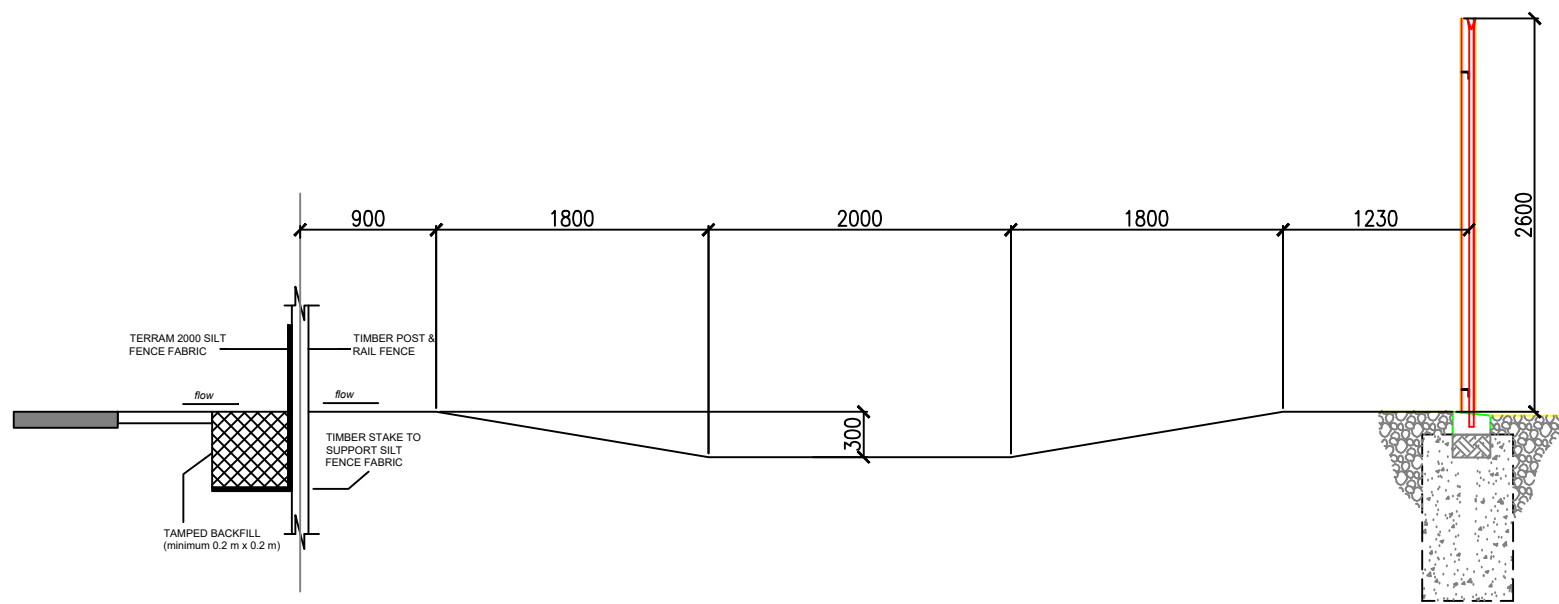
This report has explained the background of the 400kV North – South Interconnector project and the Material Storage Yard near Carrickmacross, Co. Monaghan. The report, along with accompanying drawings and images has set out to Monaghan County Council the following:

- Details of the external appearance of the construction material storage yard
- Details of the restoration of the site
- A timescale for implementation of restoration works.

It is envisaged that the information contained in this report and associated drawings is sufficient for Monaghan County Council to discharge Condition 7 of the An Bord Pleanála (ABP) order for agreement with Monaghan County Council.

Appendix 1 – Material Storage Yard Planning Drawings

- MT-009-001 – Proposed Temporary Construction / Material Storage Yard Site Location Map
- MT-009-002 - Proposed Temporary Construction / Material Storage Yard Site Layout Drawing
- MT-009-003 - Proposed Temporary Construction / Material Storage Yard Site Boundary Palisade Fence Detail
- MT-009-004 - Proposed Temporary Construction / Material Storage Yard Palisade Gates Detail

[illegible]

SECTION A
SCALE 1:50 -

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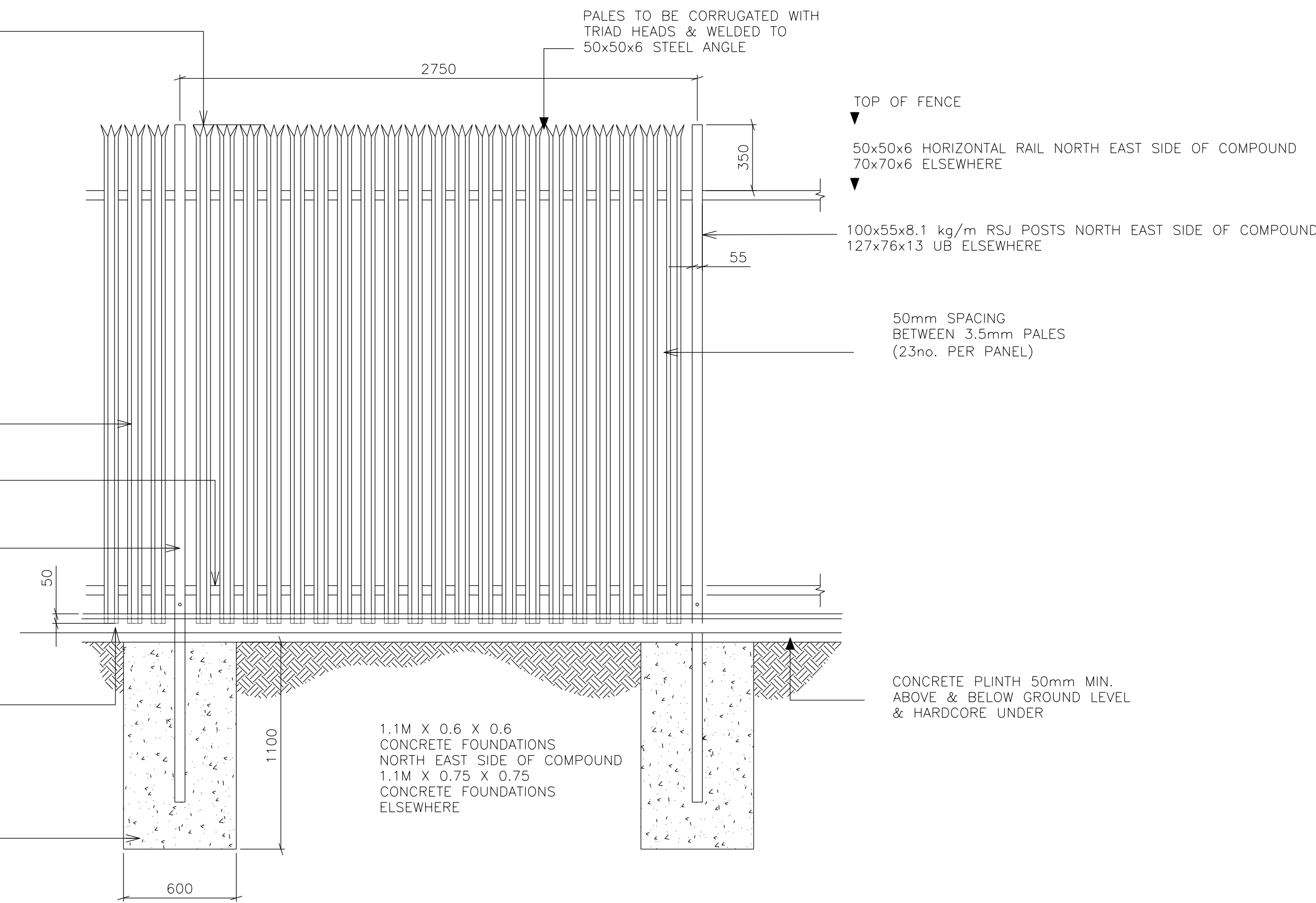
FENCE HEIGHT TO BE ADJUSTED AT GATE TO ACHIEVE MIN 2600mm FROM ROAD LEVEL

PALES TO BE 70 x 20 x 3.5mm CORRUGATED WITH TRIPLE POINTED AND SPLAYED HEADS WELDED TO 50 x 50 x 6 STEEL ANGLE WITH 23 No. PALES PER PANEL

50 x 50 x 6 ANGLE HORIZONTAL RAILS NORTH EAST SIDE OF COMPOUND 127x76x13 UB ELSEWHERE

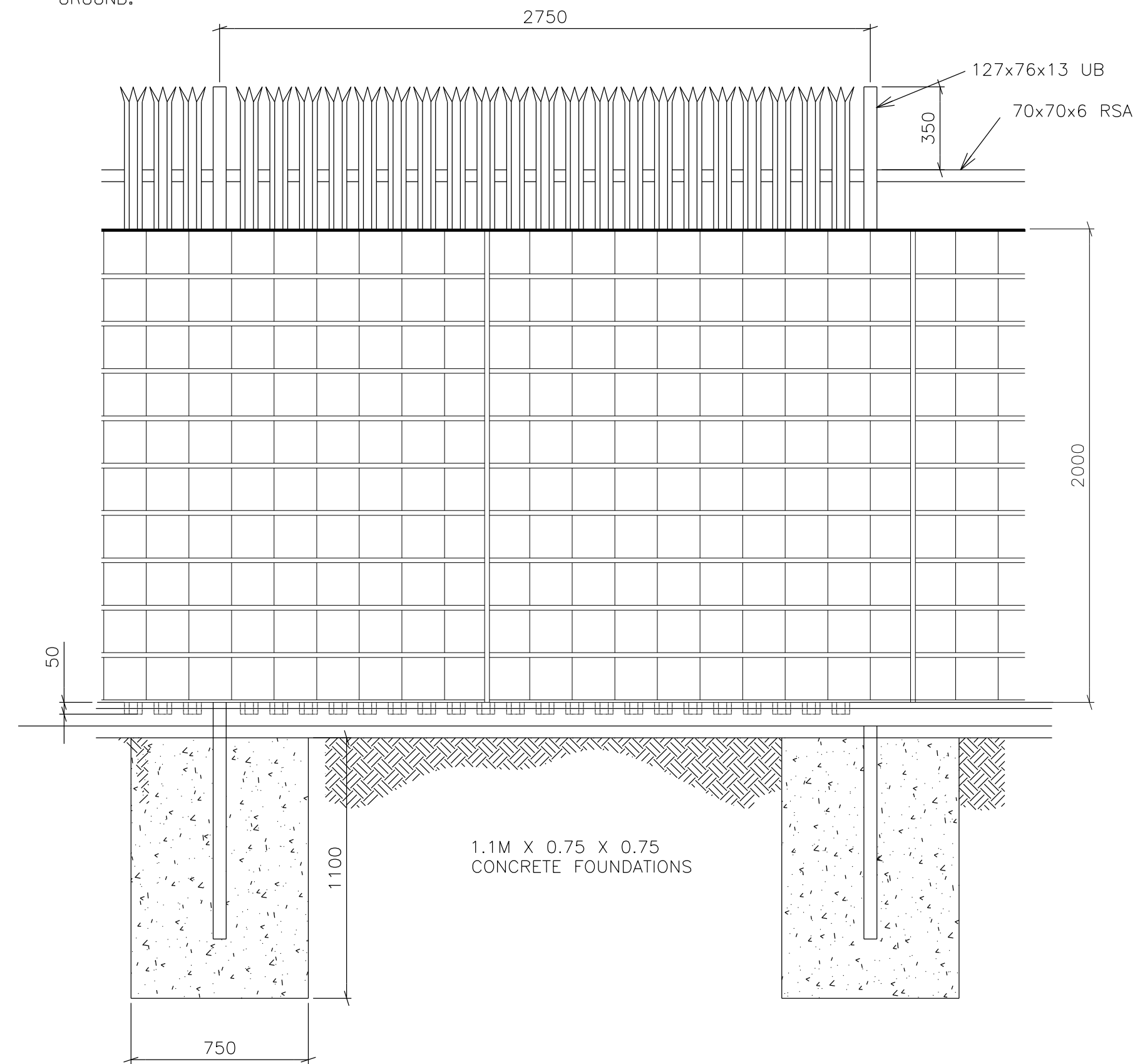
PANELS EMBEDDED 50mm IN CONCRETE PLINTH & 100mm MINIMUM CONCRETE COVER TO FRONT OF PALES

1100 x 600 x 600 CONCRETE FOUNDATIONS DIMENSIONS TO OUTSIDE GROUND LEVEL GRADE C20/25 CONCRETE



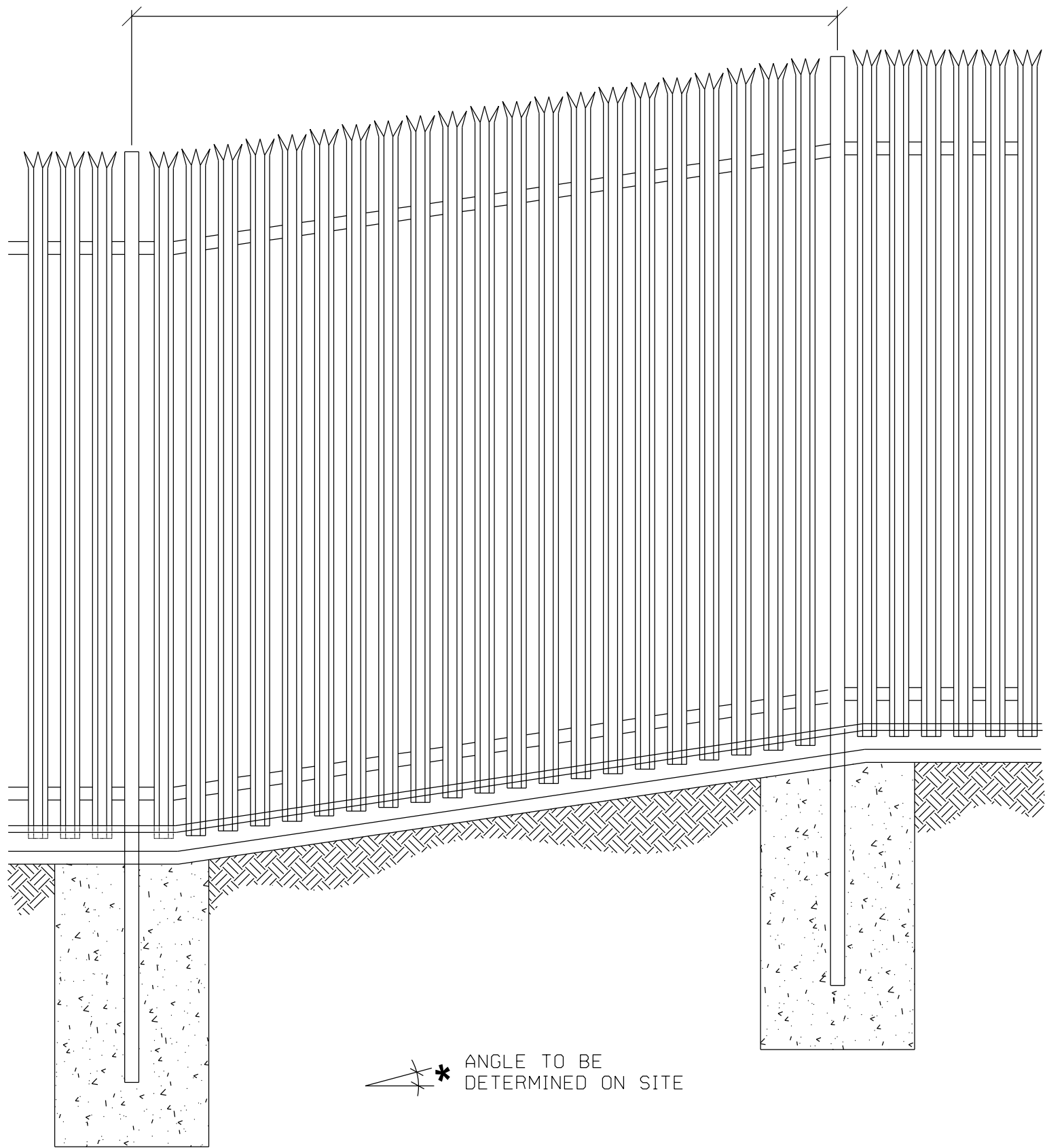
ELEVATION OF FENCE

A 2m TALL SOUND BARRIER WILL BE AFFIXED ON THE INSIDE OF THE PALISADE FENCE ON THREE SIDES OF THE MATERIAL STORAGE YARD. THE SOUND BARRIER WILL BE CONSTRUCTED OF A MATERIAL WITH A MASS OF > 7kg/m² AND HAVE NO GAPS IN THE BARRIER MATERIAL. THE SOUND BARRIER IS NOT REQUIRED ON THE BOUNDARY BETWEEN THE MATERIAL STORAGE YARD AND THE N2 NATIONAL PRIMARY ROAD. FOLLOWING THE INSTALLATION OF THE NOISE BARRIER, SOIL MOUNDS WILL BE POSITIONED AT THE FOOTING OF THE FENCE, SUFFICIENT TO CLOSE ANY GAPS BETWEEN THE SOUND BARRIER AND THE GROUND.



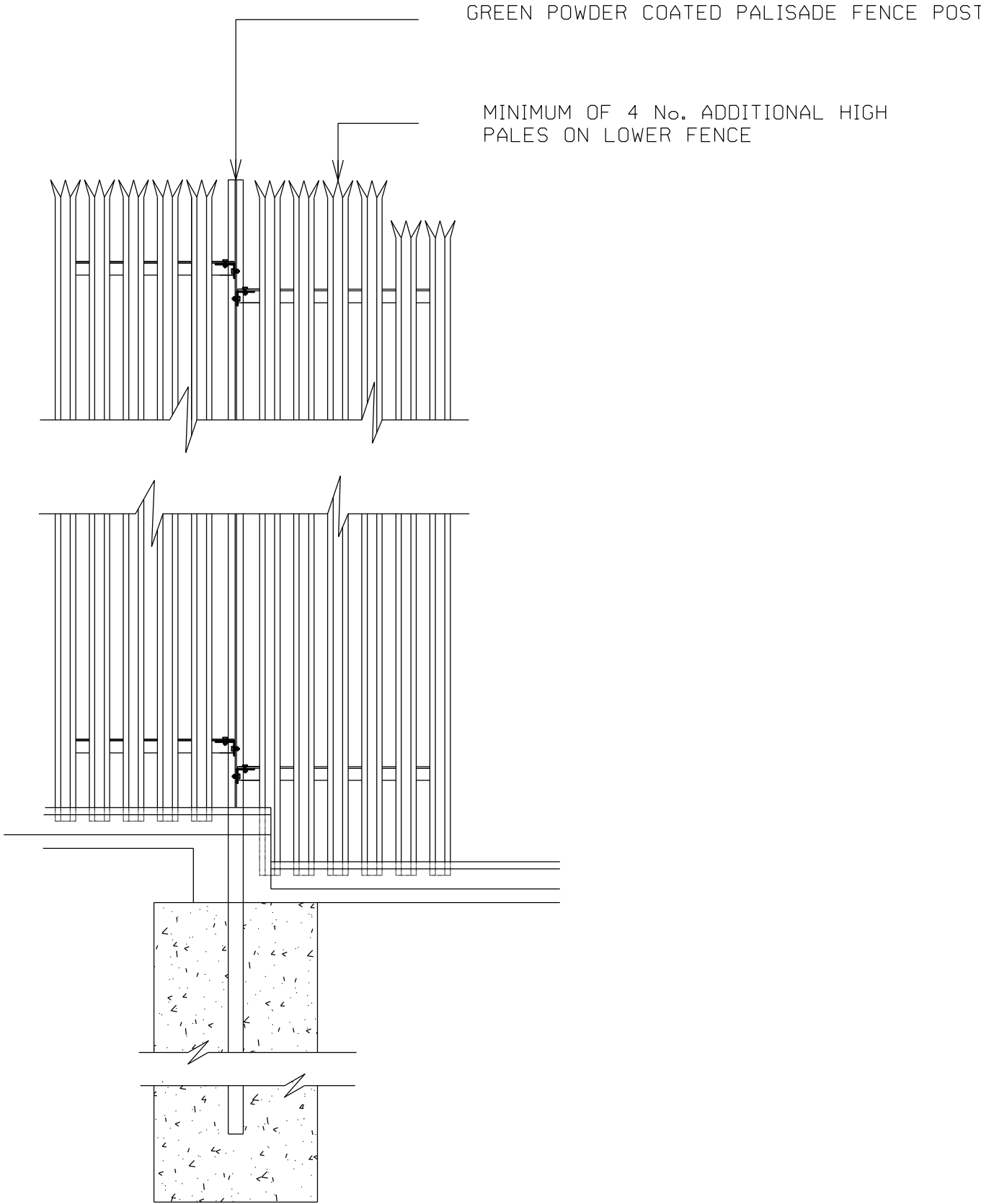
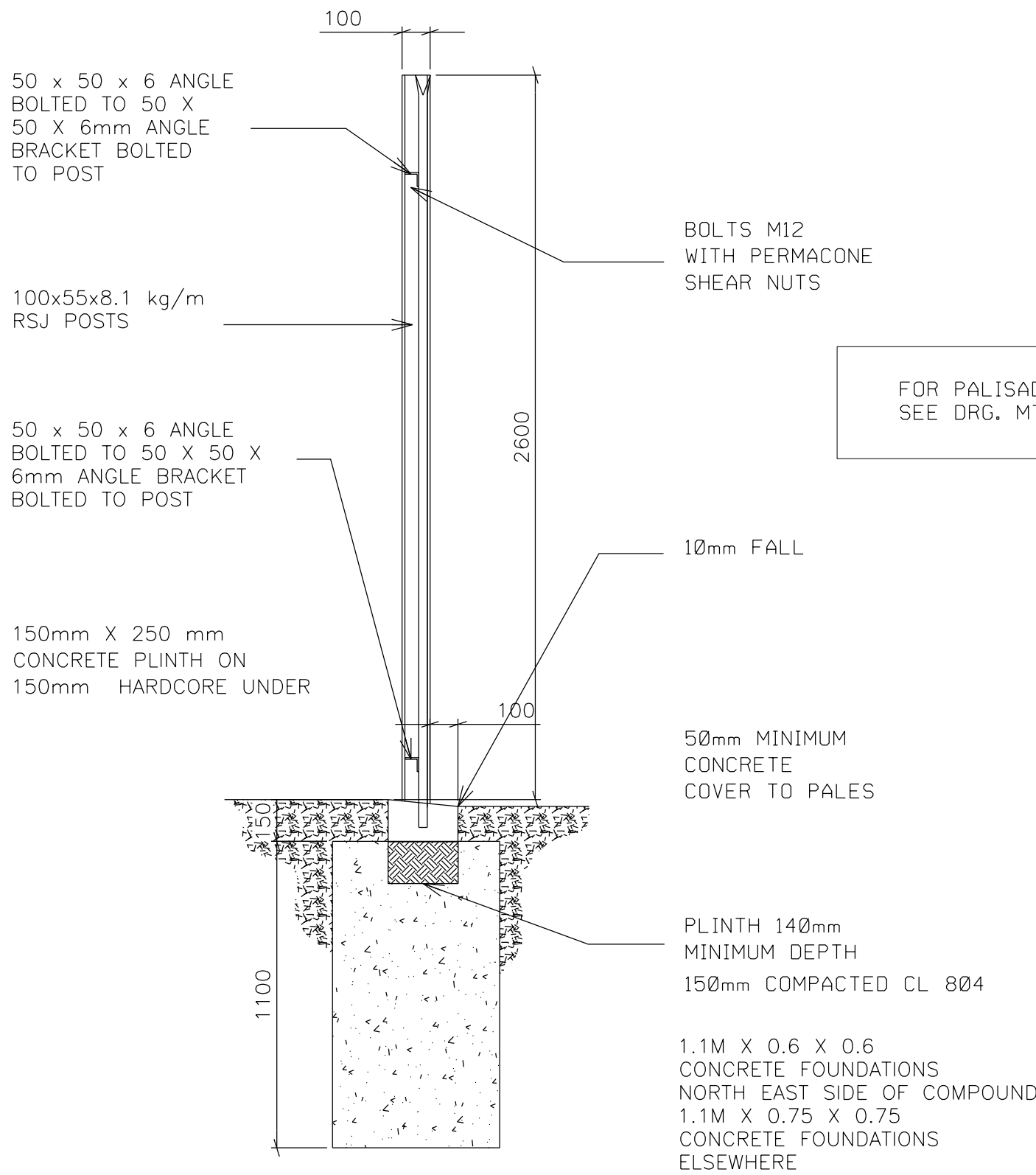
ELEVATION OF FENCE WITH NOISE BARRIER

THIS SECTION OF FENCING TO BE WELDED CONSTRUCTION, FABRICATED AS PER MAIN PANELS AS NOTED



ELEVATION TO TYPICAL SLOPED SECTION OF FENCING

PALES & PLINTH DETAILS

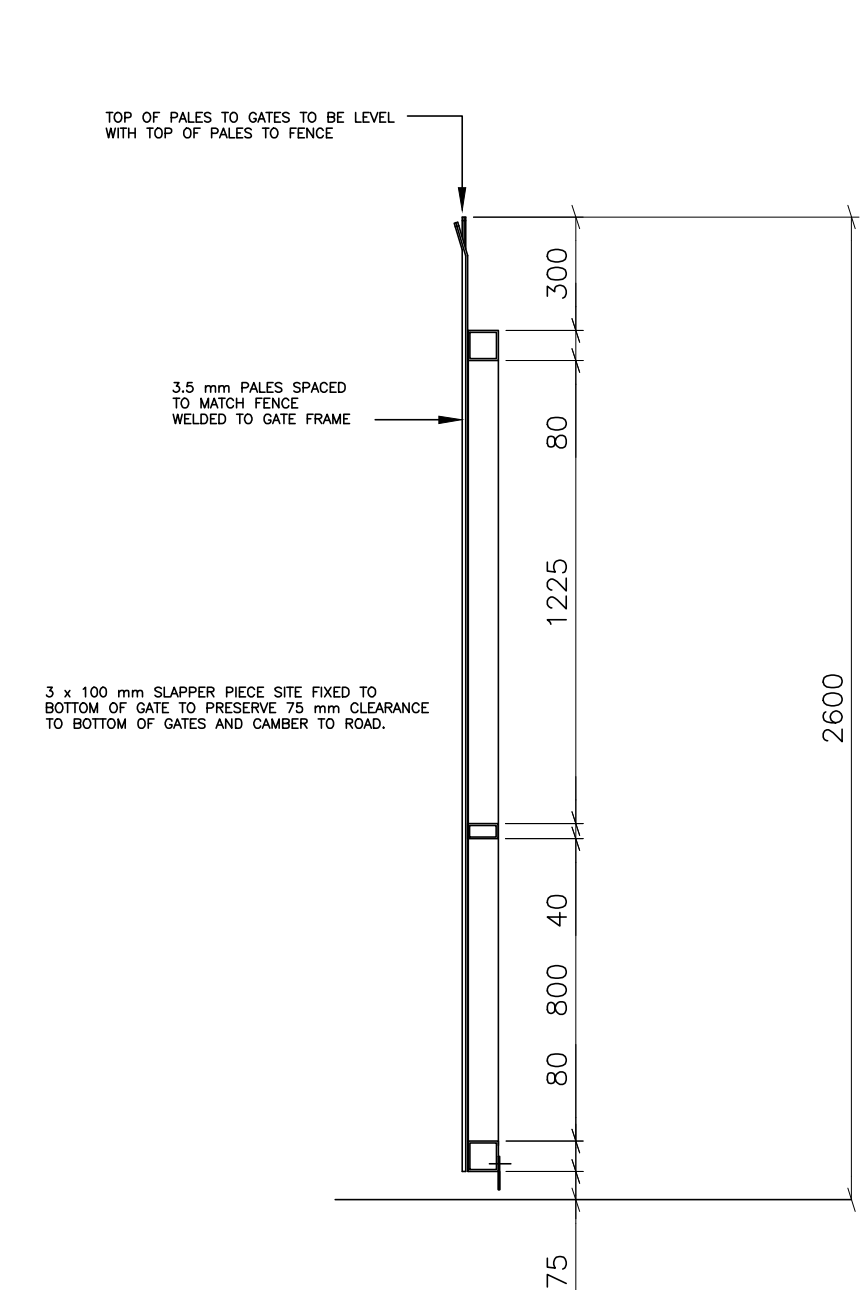


STEP(S) IN PALISADE FENCE

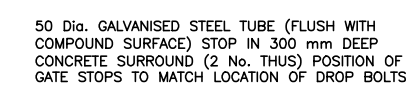
DEPTH OF STEP TO BE AGREED ON SITE, BUT NOT GREATER THAN 200mm
NOTE:- ADDITIONAL HIGH PALES ON LOWER FENCE.



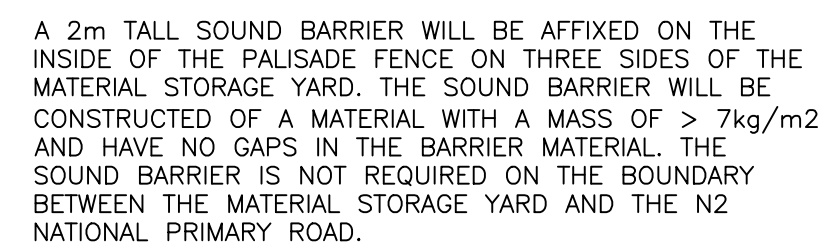
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PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED									
TENDER	☐	CLIENT APPROVAL	☐	CONSTRUCTION	☐	AS-BUILT	☐	REVISED	☐
Client									
Project North South 400 kV Interconnection Development									
Contract N/A									
Drawing Title Proposed Temporary Construction / Material Storage Yard Site Boundary Palisade Fence Planning Drawing Reference - MT-009-003									
Production Unit High Voltage Engineering									
ESB International, Stephen Court, 18-21 St. Stephen's Green, Dublin 2, Ireland. Tel: +353 (0)1 703 8000 Fax: +353 (0)1 703 8088 Email: marketing@esb.ie Web: www.esb.ie ESB International is a trading name of ESB Engineering & Facility Management Limited. Registered Office: as above Registered in Ireland No. 155249									
DRAWN	PRODUCED	VERIFIED	APPROVED	APPRO DATE					
JW	JW	KC	BA	May -15					
CLIENT REF TC211774		No. of Sheets 1	SIZE A1	SCALE 1/20					
DRAWING NUMBER PE687-D141-143-001-002									
SHEET 1/20									



SECTION A-A



LEAF 'A'
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NOTE:—
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UNLESS OTHERWISE STATED

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REV.	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
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PURPOSE OF ISSUE - PRELIMINARY UNLESS INDICATED	
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TENDER ☐ CLIENT APPROVAL ☐ CONSTRUCTION ☐ AS-BUILT ☐ REVISED ☐

Client		
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Client		
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Project
North South 400 kV Interconnection Development

Contract	N/A
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Drawing Title
Proposed Temporary Construction / Material Storage Yard Palisade Gates Detail
Planning Drawing Reference - MT-009-004

Production Unit	High Voltage Engineering
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ESB International

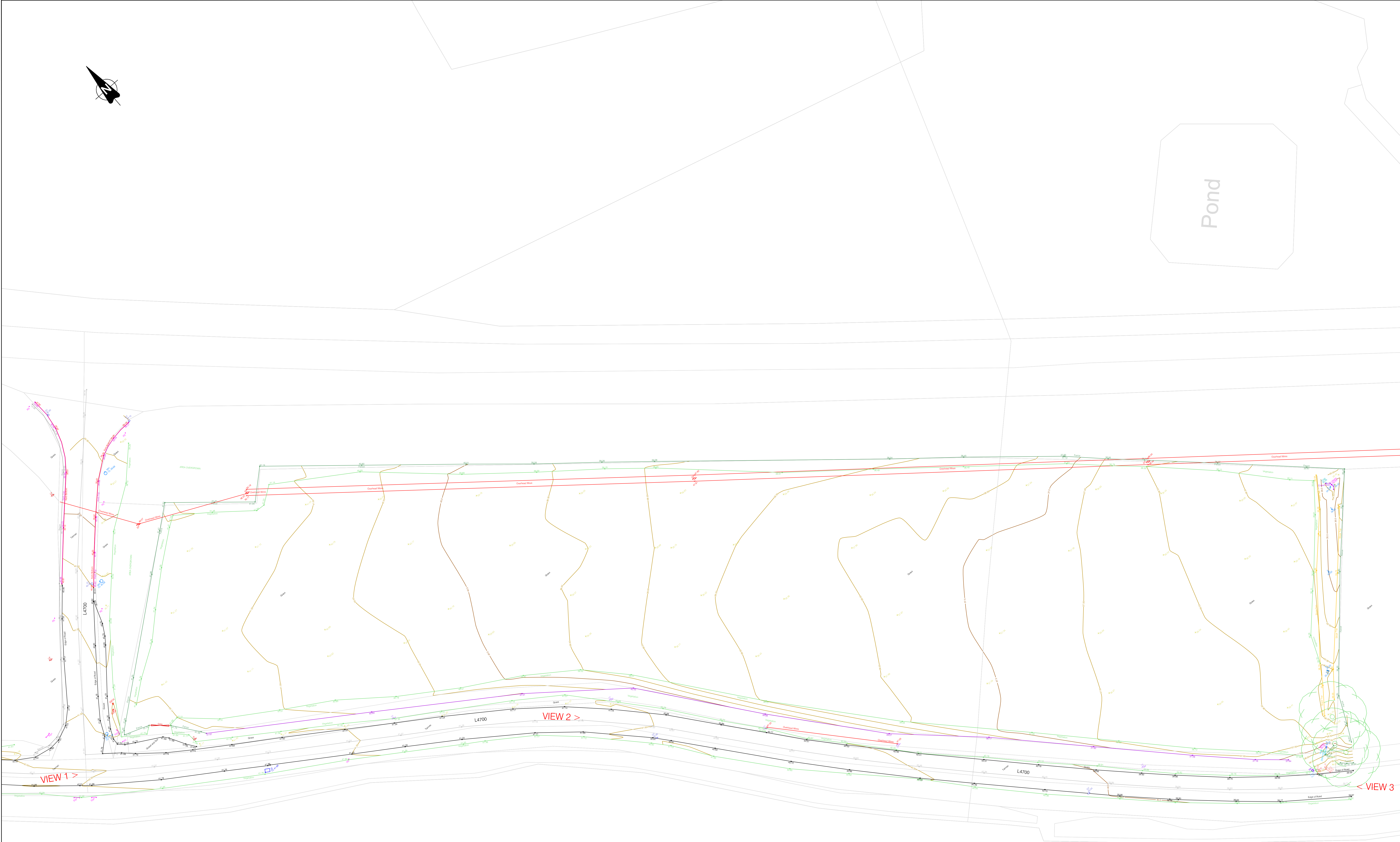
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Dublin 2, Ireland. **Tel**: +353 (0)1 703 8000 **Fax**: +353 (0)1 703 8008
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CLIENT REF TC211775			No. of Shrs 1	SIZE A1	SCALE 1/20

DRAWING NUMBER		SHEET	REV
PE687-D141-144-001-003			

Appendix 2 – Material Storage Yard Construction Drawings

- 24051-MWP-ZZ-ZZ-DR-C-0100 - Proposed Temporary Construction / Material Storage Yard Topographical Survey July 2023
- 24051-MWP-ZZ-ZZ-DR-C-0101 - Proposed Temporary Construction / Material Storage Yard Site Location Map
- 24051-MWP-ZZ-ZZ-DR-C-0102 - Proposed Temporary Construction / Material Storage Yard Site Layout Plan & Details
- 24051-MWP-ZZ-ZZ-DR-C-0103 - Proposed Temporary Construction / Material Storage Yard Entrance - Concrete Apron GA
- 24051-MWP-ZZ-ZZ-DR-C-0104 - Proposed Temporary Construction / Material Storage Yard Entrance - Autotrack Swept Path
- 24051-MWP-ZZ-ZZ-DR-C-0110 - Proposed Temporary Construction / Material Storage Yard Palisade Fence Details
- 24051-MWP-ZZ-ZZ-DR-C-0111 - Proposed Temporary Construction / Material Storage Yard Palisade Gate Details
- 24051-MWP-ZZ-ZZ-DR-C-0112 - Proposed Temporary Construction / Material Storage Yard Typical Site Details
- PE687-D422-041-001 - Proposed Temporary Construction / Material Storage Yard Proposed Structures, Waste Collection and Pole Storage Equipment
- PE687-D422-041-002 - Proposed Temporary Construction / Material Storage Yard Proposed Structures, Toilet
- PE687-D422-041-003 - Proposed Temporary Construction / Material Storage Yard Proposed Structures, Nut and Bolt Store
- PE687-D422-041-004 - Proposed Temporary Construction / Material Storage Yard Proposed Structures, Site Office



LEGEND

- Surface Change
- Concrete
- Road Edge
- Overhead Cables
- Kerb Top
- Kerb Bottom
- Gully
- Hedge / Vegetation / Tree Line
- Fence
- White Road Marking
- Slope Top
- Slope Bottom
- Ditch
- Barrier
- Pipe
- OSI Background
- Minor Contour
- Major Contour
- Sluice Valve
- Road Sign
- Lamp Post
- Marker Post
- Telegraph Pole
- Electricity Pole
- Crown Level
- Invert Level
- Spot Height
- Stay
- Inspection Chamber
- Hydrant
- Manhole
- Gully
- ESB Box
- Tree

Notes:

- All levels in meters above ordnance datum Malin Head
- Coordinates are given in Irish Transverse Mercator coordinate system
- Topographical survey undertaken on week commencing 24/07/2023
- Background mapping taken from OSI



VIEW 1

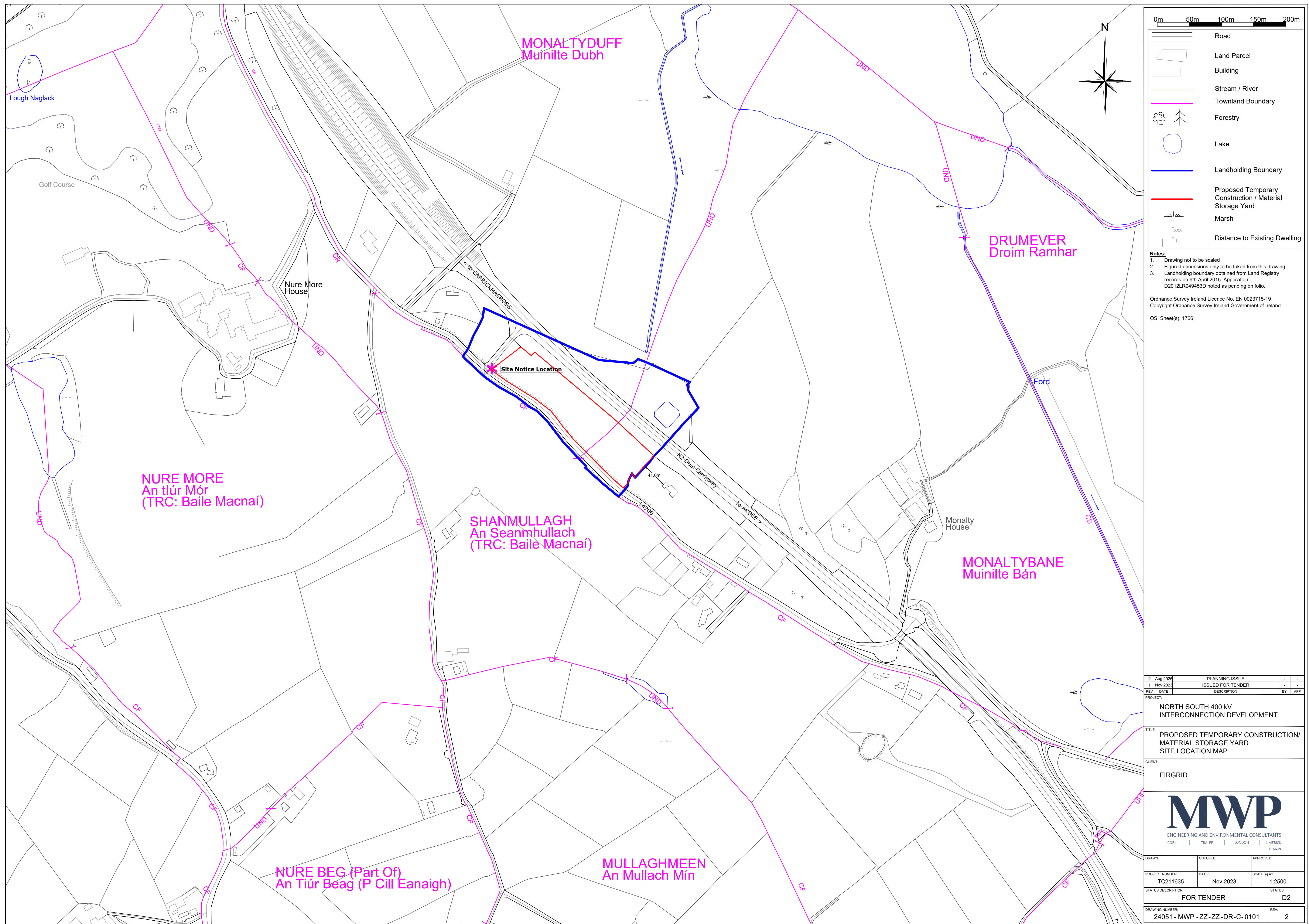


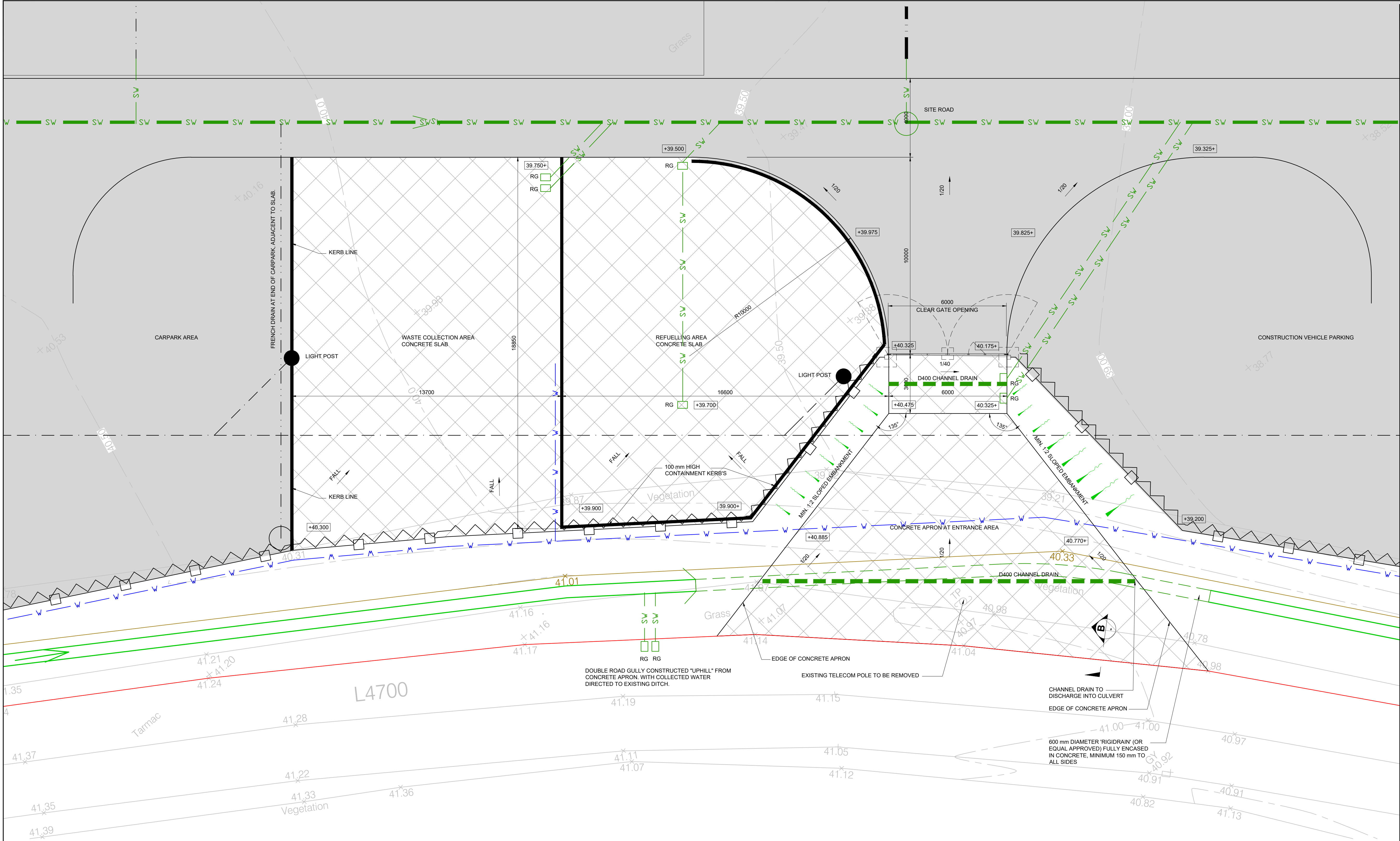
VIEW 2 (AT PROPOSED ENTRANCE)



VIEW 3

2	Aug 2023	PLANNING ISSUE	-	-
1	Nov 2022	ISSUED FOR TENDER	-	-
REV	DATE	DESCRIPTION	BY	APP
PROJECT: NORTH SOUTH 400 kV INTERCONNECTION DEVELOPMENT				
TITLE: PROPOSED TEMPORARY CONSTRUCTION/ MATERIAL STORAGE YARD TOPOGRAPHICAL SURVEY JULY 2023				
CLIENT: ESB NETWORKS				
MWP ENGINEERING AND ENVIRONMENTAL CONSULTANTS CORK TRALEE LONDON LIMERICK DUBLIN				
DRAWN:	CHECKED:	APPROVED:		
PROJECT NUMBER: YC229635	DATE: Nov. 2023	SCALE @ A4:	1:300	
STATUS DESCRIPTION: FOR TENDER			STATUS: D2	
DRAWING NUMBER: 24051 - MWP - ZZ - ZZ - DR - C - 0100	REV:		2	





NOTES:

- ROAD, PARKING AND STORAGE AREA SURFACES TO BE CONSTRUCTED USING COMPACTED STONE, REFER TO DETAILS.
- APPROXIMATE SITE AREA 1.4 HECTARES. CONTRACTOR IS RESPONSIBLE FOR DETERMINING SITE AREA.
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
- CONFIGURATION OF STAFF FACILITIES SHOWN IS INDICATIVE.
- NOISE BARRIER TO BE STAND ALONE FENCE.
- NO PERMANENT RACKING OR SHELVING PROPOSED FOR STORAGE WITHIN THE FOLLOWING AREAS:
 - HARDWARE AND GENERAL MATERIALS STORE
 - STEEL MEMBERS STORAGE
 - CONDUCTOR DRUMS
 - INTERMEDIATE TOWERS
 - 30° ANGLE TOWERS
 - 60° ANGLE TOWERS
 - 90° ANGLE TOWERS

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0023715-19
COPYRIGHT ORDNANCE SURVEY IRELAND GOVERNMENT OF IRELAND
LEVELS DERIVED FROM OSI 10m DTM DATA. LEVELS RELATE TO MALIN HEAD.

LEGEND:

- PROPOSED TEMPORARY CONSTRUCTION / MATERIAL STORAGE YARD
- PROPOSED SURFACE WATER DRAIN (TWIN-WALL PIPES)
- PROPOSED FOUL DRAIN
- WATER SUPPLY PIPE 50 mm Ø HDPE
- LV SUPPLY DUCTS FOR YARD LIGHTING 125 mm Ø
- COMMS DUCT 100 mm Ø
- FRENCH DRAIN 150 mm Ø PERFORATED PIPE
CP - CATCH PIT
- 2.0 m HIGH TIMBER ACOUSTIC FENCE.
- NEW DARK GREEN POWDER COATED PALISADE FENCE (RAL 6005)
- NEW SILT FENCE.
- NEW RC APRON SLAB AREAS (721 m²)
- NEW STONED SITE AREAS (12,000 m²)
- EP - ELECTRICITY POLE
- TP - TELECOM'S POLE
- LS - LAMP STANDARD
- Existing Ground Level

3	Aug. 2023	PLANNING ISSUE	-	-
2	July 2023	CEMP ISSUE	-	-
1	Nov. 2023	ISSUED FOR TENDER	MM	SF
REV	DATE	DESCRIPTION	BY	APP

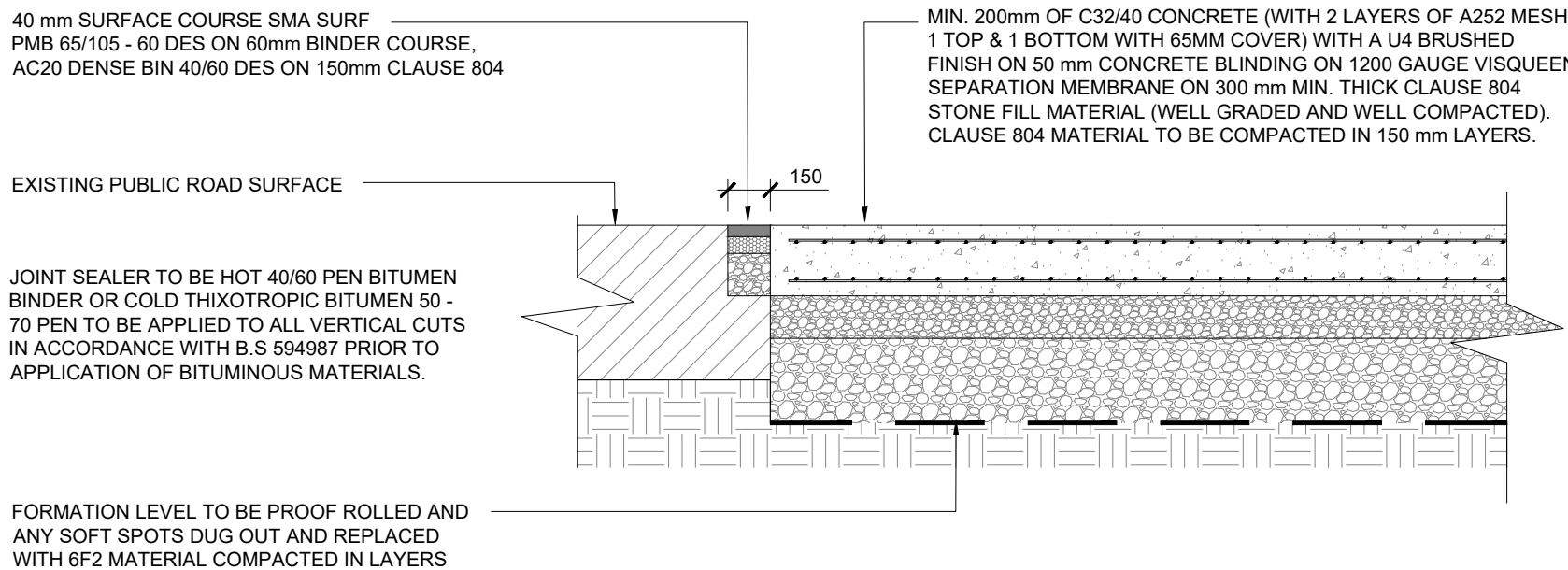
PROJECT: NORTH SOUTH 400 kV INTERCONNECTION DEVELOPMENT

TITLE: PROPOSED TEMPORARY CONSTRUCTION/ MATERIAL STORAGE YARD ENTRANCE - CONCRETE APRON GA

CLIENT: EIRGRID



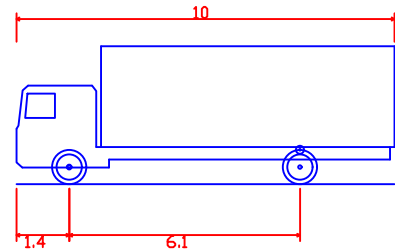
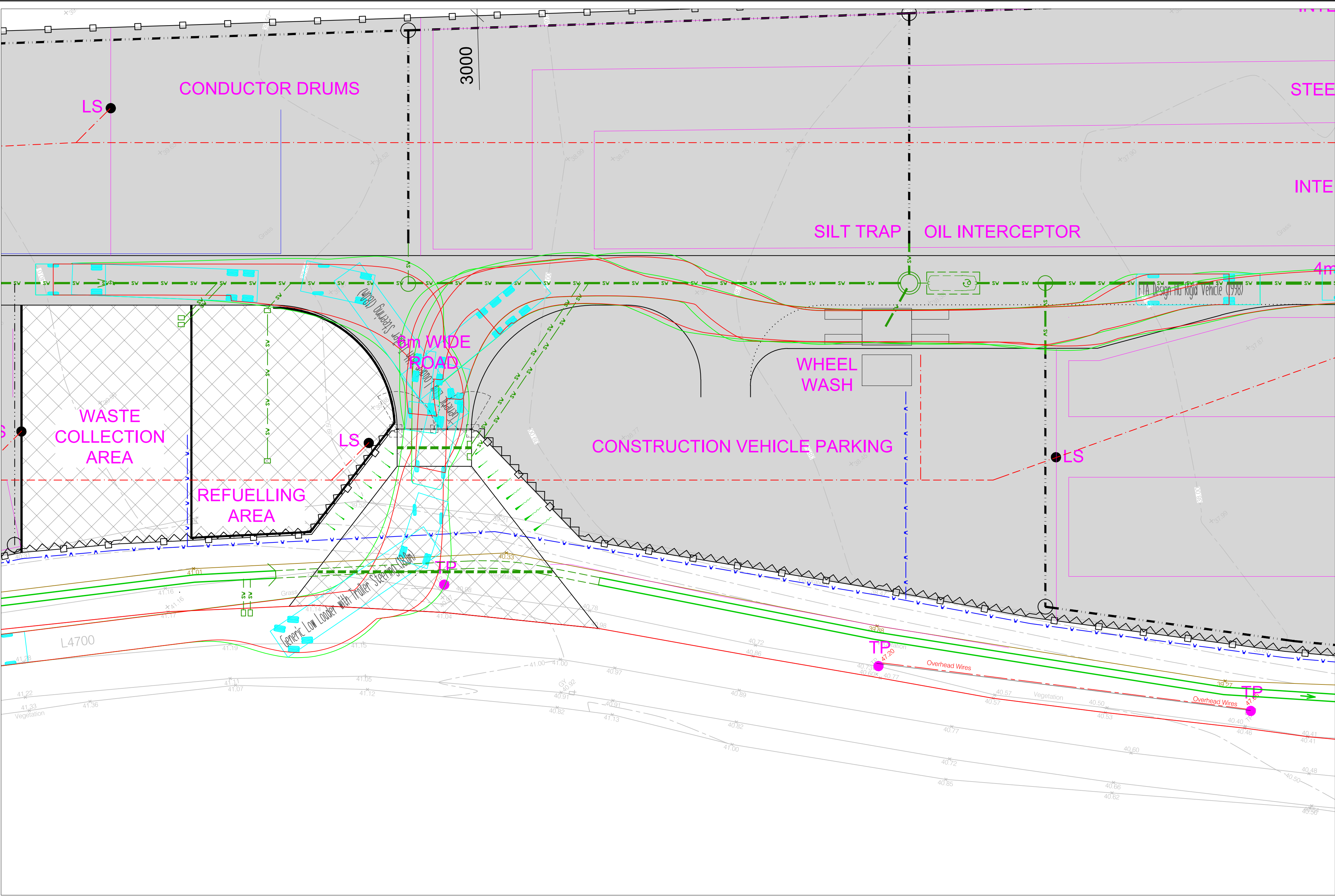
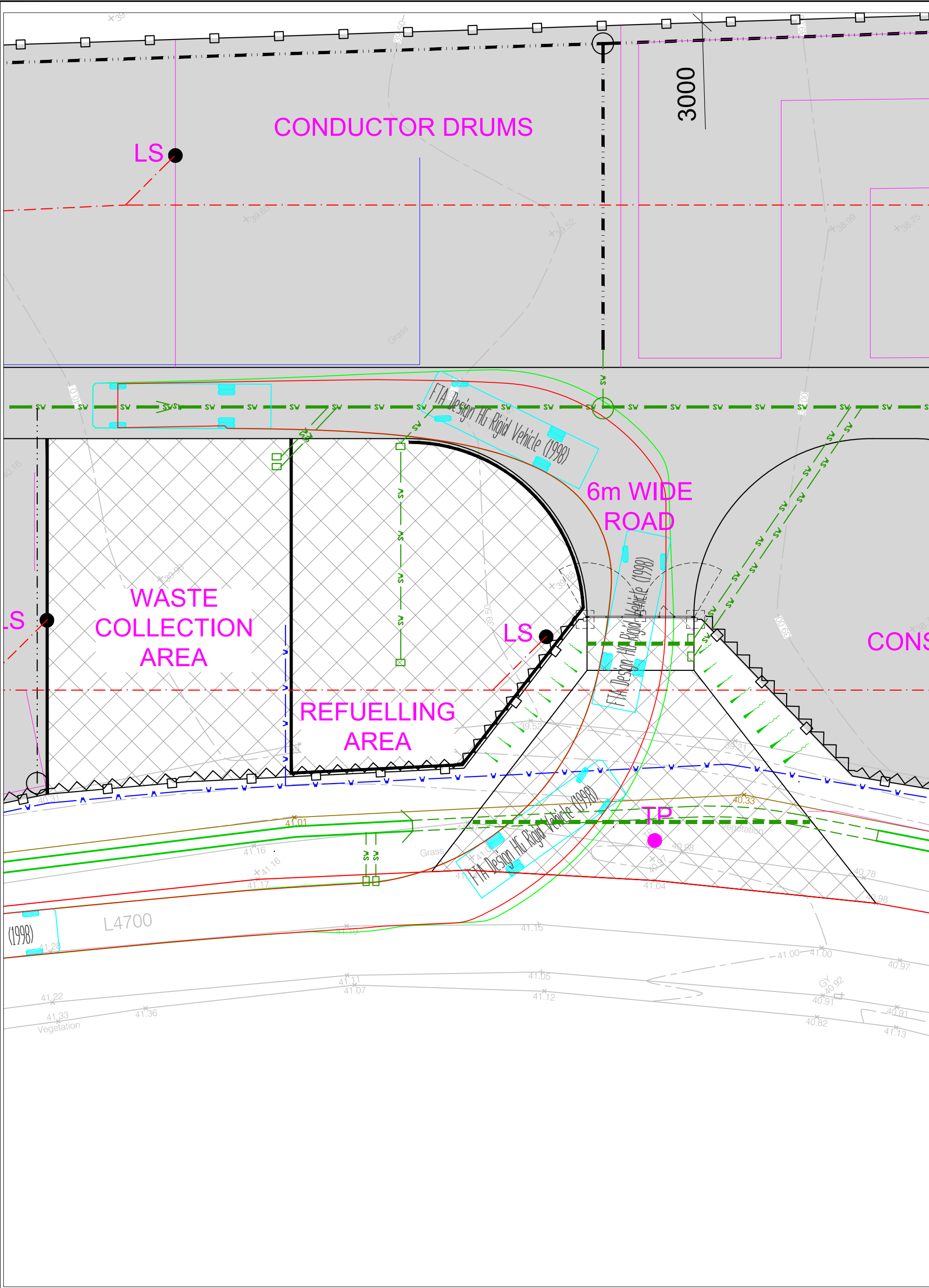
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STATUS DESCRIPTION: FOR TENDER		STATUS: D2
DRAWING NUMBER: 24051 - MWP - ZZ - ZZ - DR - C - 0103	REV: 3	



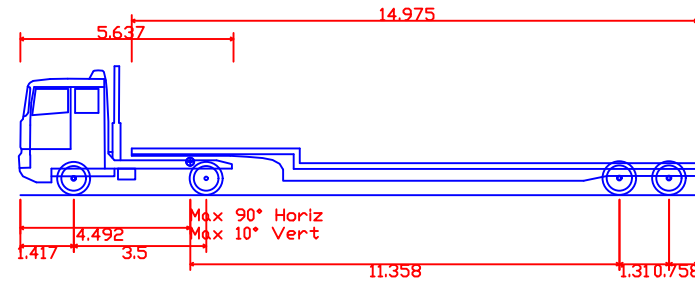
JOINT DETAIL @ JUNCTION OF EXISTING PUBLIC ROAD AND CONCRETE ACCESS ROAD

SECTION
SCALE 1:25

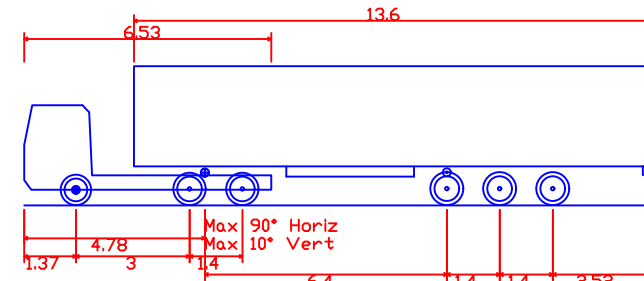
B



FTA Design HG Rigid Vehicle (1998)
Overall Length 10.000m
Overall Width 2.500m
Overall Body Height 3.645m
Min Body Ground Clearance 0.440m
Track Width 2.470m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 11.000m



Generic Low Loader with Trailer Steering (18.0m)
Overall Length 17.918m
Overall Width 2.540m
Overall Body Height 3.409m
Min Body Ground Clearance 0.335m
Max Track Width 6.350m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 6.350m



Max Legal Length (UK) Articulated Vehicle (16.5m)
Overall Length 16.500m
Overall Width 2.550m
Overall Body Height 3.681m
Min Body Ground Clearance 0.411m
Max Track Width 2.500m
Lock-to-lock time 6.00s
Curb to Curb Turning Radius 6.530m

2	Aug.2025	PLANNING ISSUE	-	-
1	Nov.2023	ISSUED FOR TENDER	-	-
REV	DATE	DESCRIPTION	BY	APP
PROJECT:				
NORTH SOUTH 400 kV INTERCONNECTION DEVELOPMENT				
TITLE:				
PROPOSED TEMPORARY CONSTRUCTION/ MATERIAL STORAGE YARD ENTRANCE - AUTOTRACK SWEEP PATH				
CLIENT:				
EIRGRID				
DRAWN:				
TC211635				
DATE:				
Nov.2023				
SCALE @ A1:				
1:200				
STATUS DESCRIPTION				STATUS:
FOR TENDER				D2
DRAWING NUMBER				REV:
24051 - MWP - ZZ - ZZ - DR - C - 0104				2

FENCE HEIGHT TO BE ADJUSTED AT GATE TO ACHIEVE MIN 2600mm FROM ROAD LEVEL

PALES TO BE 70 x 20 x 3.5mm CORRUGATED WITH TRIPLE POINTED AND SPLAYED HEADS WELDED TO 50 x 50 x 6 STEEL ANGLE WITH 23 No. PALES PER PANEL

50 x 50 x 6 ANGLE HORIZONTAL RAILS NORTH EAST SIDE OF COMPOUND 127x76x13 UB ELSEWHERE. UB SECTIONS TO BE POSITIONED HORIZONTALLY WITH 20 mm DRAIN HOLES DRILLED AT 500 mm c/c THROUGH CENTER OF WEB.

PALES TO BE CORRUGATED WITH TRIAD HEADS & WELDED TO 50 x 50 x 6 STEEL ANGLE

TOP OF FENCE

50 x 50 x 6 HORIZONTAL RAIL NORTH EAST SIDE OF COMPOUND 70 x 70 x 6 ELSEWHERE

100 x 55 x 8.1 kg/m RSJ POSTS

50 mm SPACING BETWEEN 3.5 mm PALES (23no. PER PANEL)

1.1 m x 0.6 x 0.6 CONCRETE FOUNDATIONS NORTH EAST SIDE OF COMPOUND 1.1 m x 0.75 x 0.75 CONCRETE FOUNDATIONS ELSEWHERE. DIMENSIONS TO OUTSIDE GROUND LEVEL. GRADE C20/25 CONCRETE.

ELEVATION OF FENCE

THIS SECTION OF FENCING TO BE WELDED CONSTRUCTION, FABRICATED AS PER MAIN PANELS AS NOTED

ANGLE TO BE DETERMINED ON SITE

ELEVATION TO TYPICAL SLOPED SECTION OF FENCING

50 x 50 x 6 ANGLE BOLTED TO 50 x 50 x 6mm ANGLE BRACKET BOLTED TO POST

100x55x8.1 kg/m RSJ POSTS

50 x 50 x 6 ANGLE BOLTED TO 50 X 50 X 6mm ANGLE BRACKET BOLTED TO POST

BOLTS M12 WITH PERMACONE SHEAR NUTS

FOR PALISADE FENCE LAYOUT SEE DRG. 24051-MWP-ZZ-ZZ-DR-C-102

1.1 m x 0.6 x 0.6 CONCRETE FOUNDATIONS NORTH EAST SIDE OF COMPOUND 1.1 m x 0.75 x 0.75 CONCRETE FOUNDATIONS ELSEWHERE

PALES AND PLINTH DETAILS

GREEN POWDER COATED PALISADE FENCE POST.

MINIMUM OF 4 No. ADDITIONAL HIGH PALES ON LOWER FENCE

MAXIMUM GAP TO GROUND AT ANY LOCATION = 100 mm

STEP(S) IN PALASADE FENCE

DEPTH OF STEP TO BE AGREED ON SITE, BUT NOT GREATER THAN 200mm NOTE:- ADDITIONAL HIGH PALES ON LOWER FENCE.

NOTE:- DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED

NOTES:

- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL ENGINEER'S DRAWINGS. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ESB ENGINEER IMMEDIATELY.
- ALL DIMENSIONS ARE IN mm. NO DIMENSIONS SHOULD BE SCALED FROM THE ENGINEER'S DRAWINGS. ALL DIMENSIONS SHOULD BE CHECKED ON SITE.
- ANY TEMPORARY WORKS REQUIRED SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206:2013 + NA:2015 = AC:2017.
- ALL STEEL TO BE GRADE S275JO / S355JOH (HOLLOW SECTIONS) IN ACCORDANCE WITH IS EN 10025 AND IS EN 10210-01. ALL STEELWORK TO BE CE MARKED.
- ALL BOLTS TO BE GRADE 8.8 TO BS 4190 AND SPUN GALVANISED.
- ALL WELDS TO BE 6 mm FILLET WELDS UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS TO BE DESIGNED AND DETAILED IN ACCORDANCE WITH IS EN 1993-1-8.
- PROTECTIVE COATING SYSTEM TO ALL STEELWORK SHALL BE IN ACCORDANCE WITH THE ENGINEERS SPECIFICATION. ALL STEELWORK TO BE PREPARED TO A MINIMUM GRADE SA 2.5 SURFACE PREPARATION OF RECEIVING A GREEN POWDER COATED FINISH; RAL COLOUR: MOSS GREEN RAL 6005.

2	Aug. 2025	PLANNING ISSUE	-	-
1	Nov. 2023	ISSUED FOR TENDER	-	-
REV	DATE	DESCRIPTION	BY	APP

PROJECT: NORTH SOUTH 400 kV INTERCONNECTION DEVELOPMENT

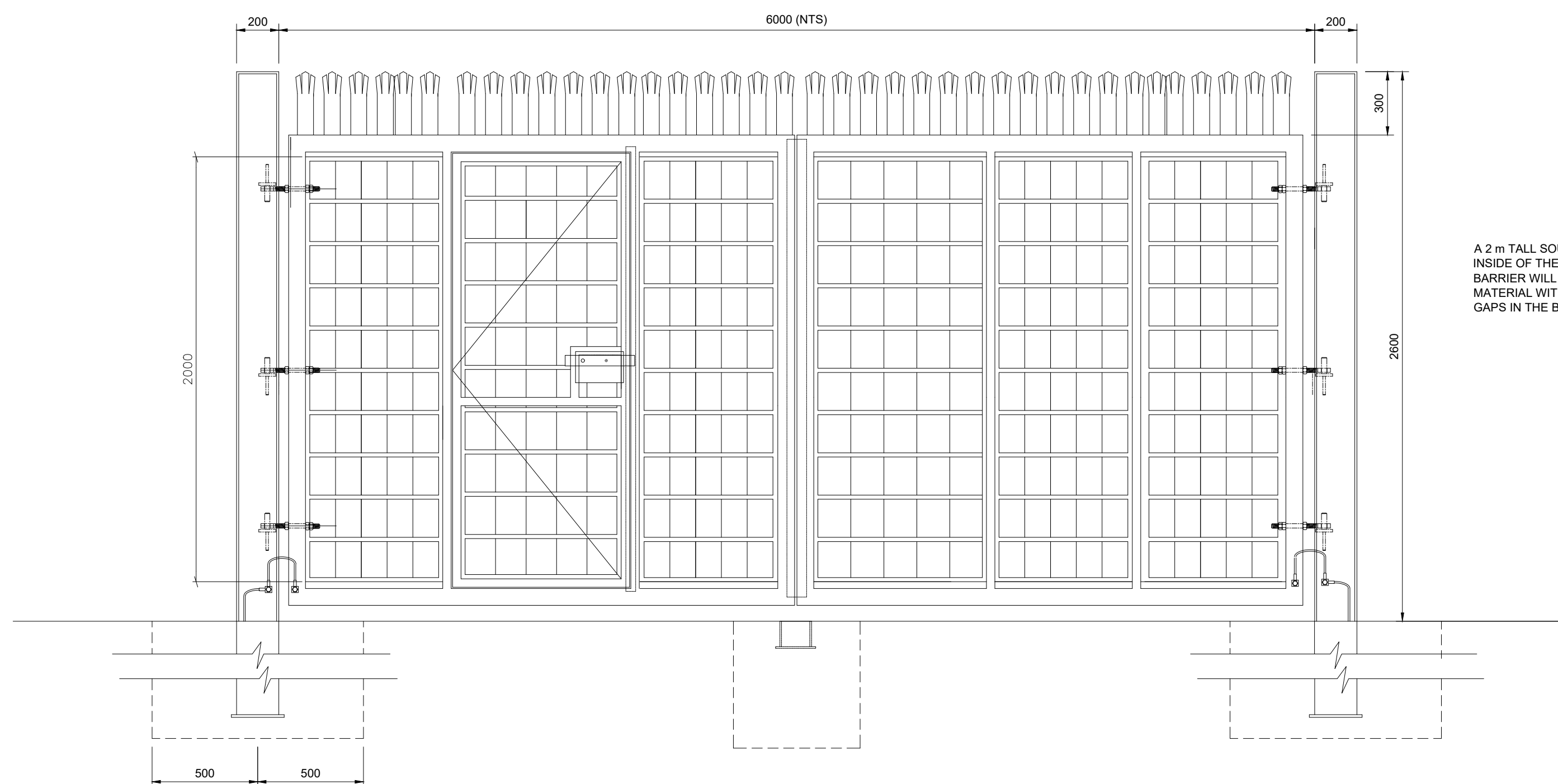
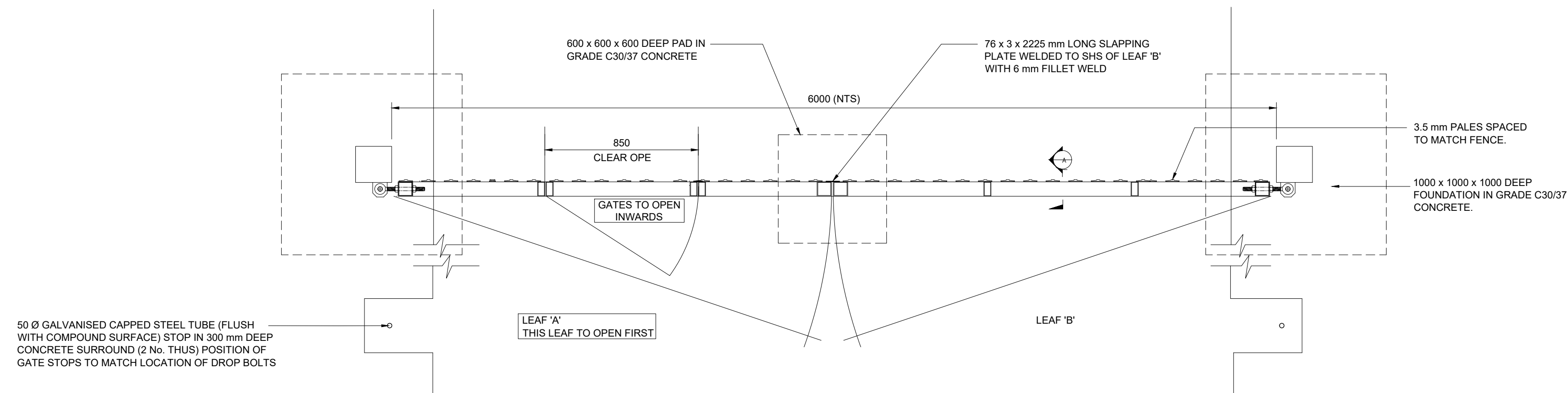
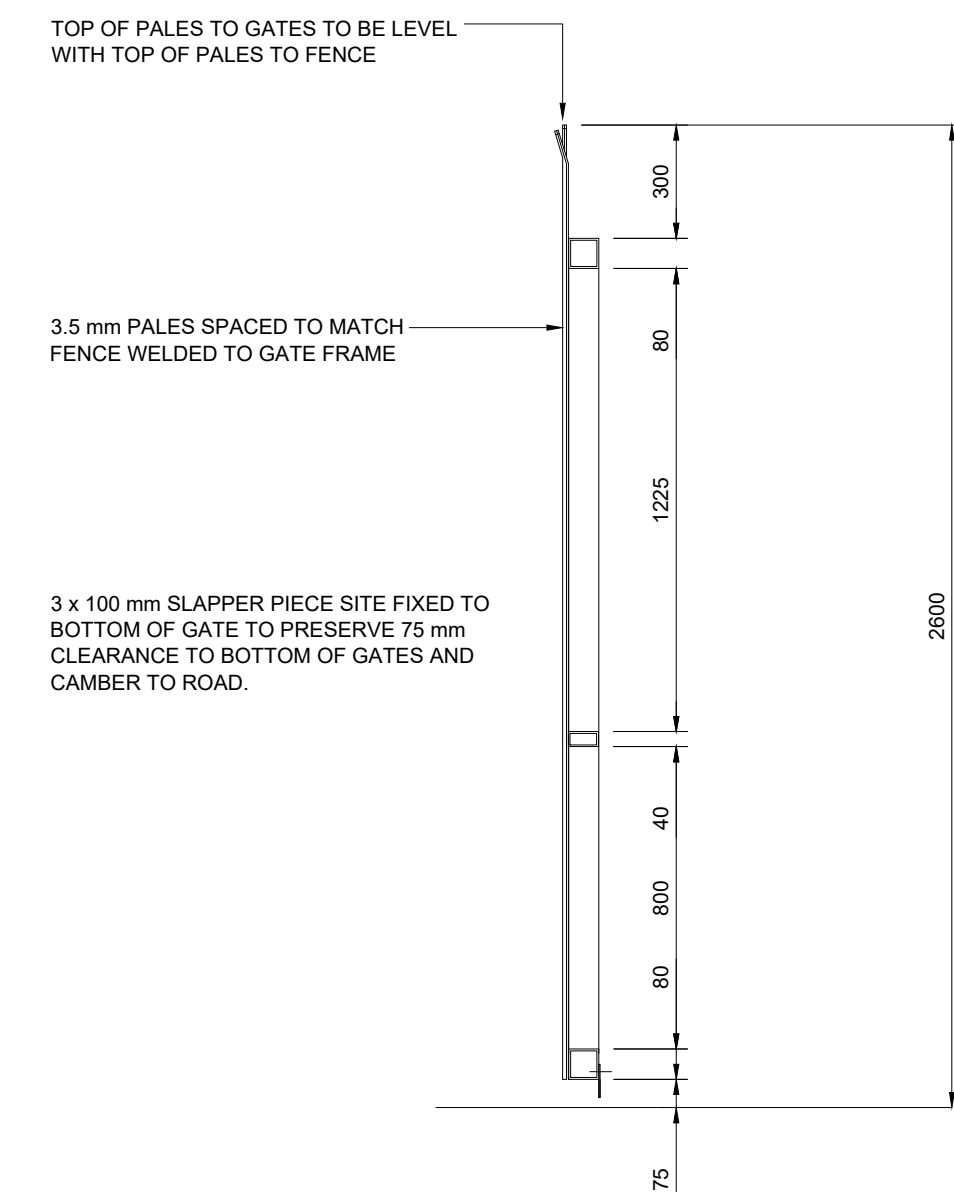
TITLE: PROPOSED TEMPORARY CONSTRUCTION/ MATERIAL STORAGE YARD PALISADE FENCE DETAILS

CLIENT: EIRGRID



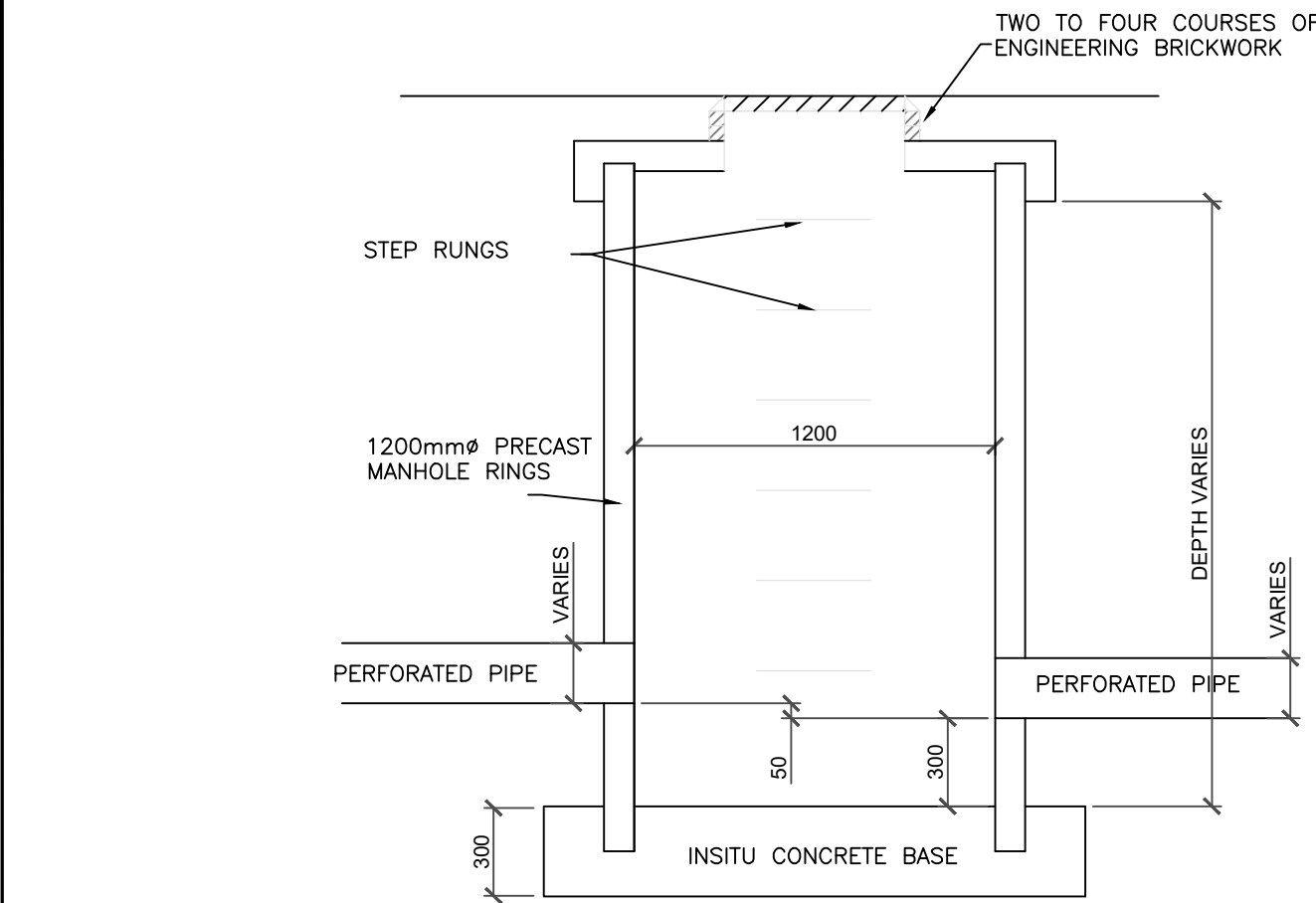
DRAWN:	CHECKED:	APPROVED:
PROJECT NUMBER: TC211635	DATE: Nov. 2023	SCALE @ A1: As Noted
STATUS DESCRIPTION: FOR TENDER		STATUS: D2

DRAWING NUMBER: 24051 - MWP - ZZ - ZZ - DR - C - 0110	REV: 2
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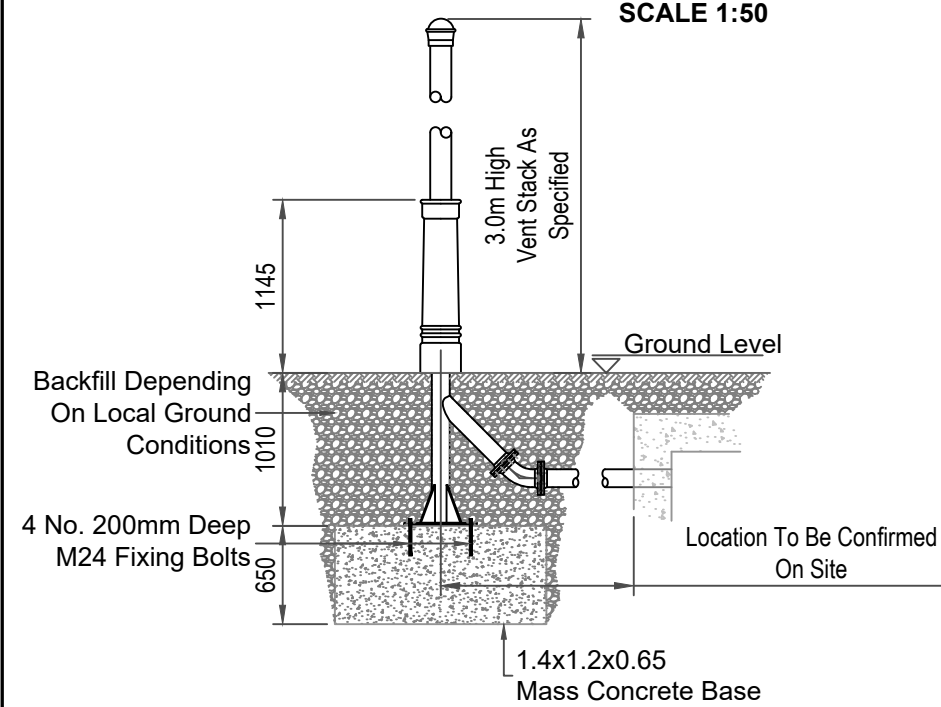


A 2 m TALL SOUND BARRIER WILL BE AFFIXED ON THE INSIDE OF THE PALISADE GATES. THE SOUND BARRIER WILL BE CONSTRUCTED OF A TIMBER MATERIAL WITH A MASS OF $> 7 \text{ kg/m}^2$ AND HAVE NO GAPS IN THE BARRIER MATERIAL.

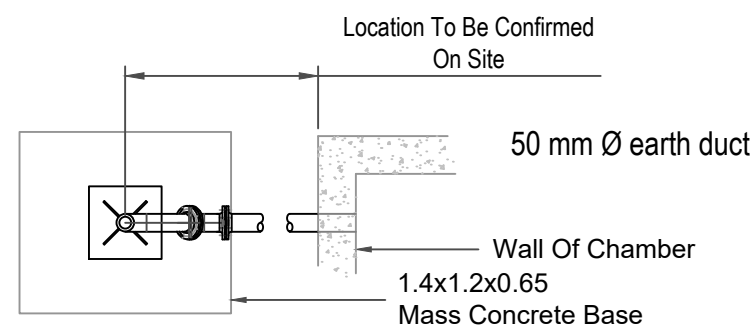
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FOR TENDER	D2
DRAWING NUMBER:	REV:
24051 - MWP - ZZ - ZZ - DR - C - 0111	2



CATCHPIT - TYPICAL DETAIL
SCALE 1:50

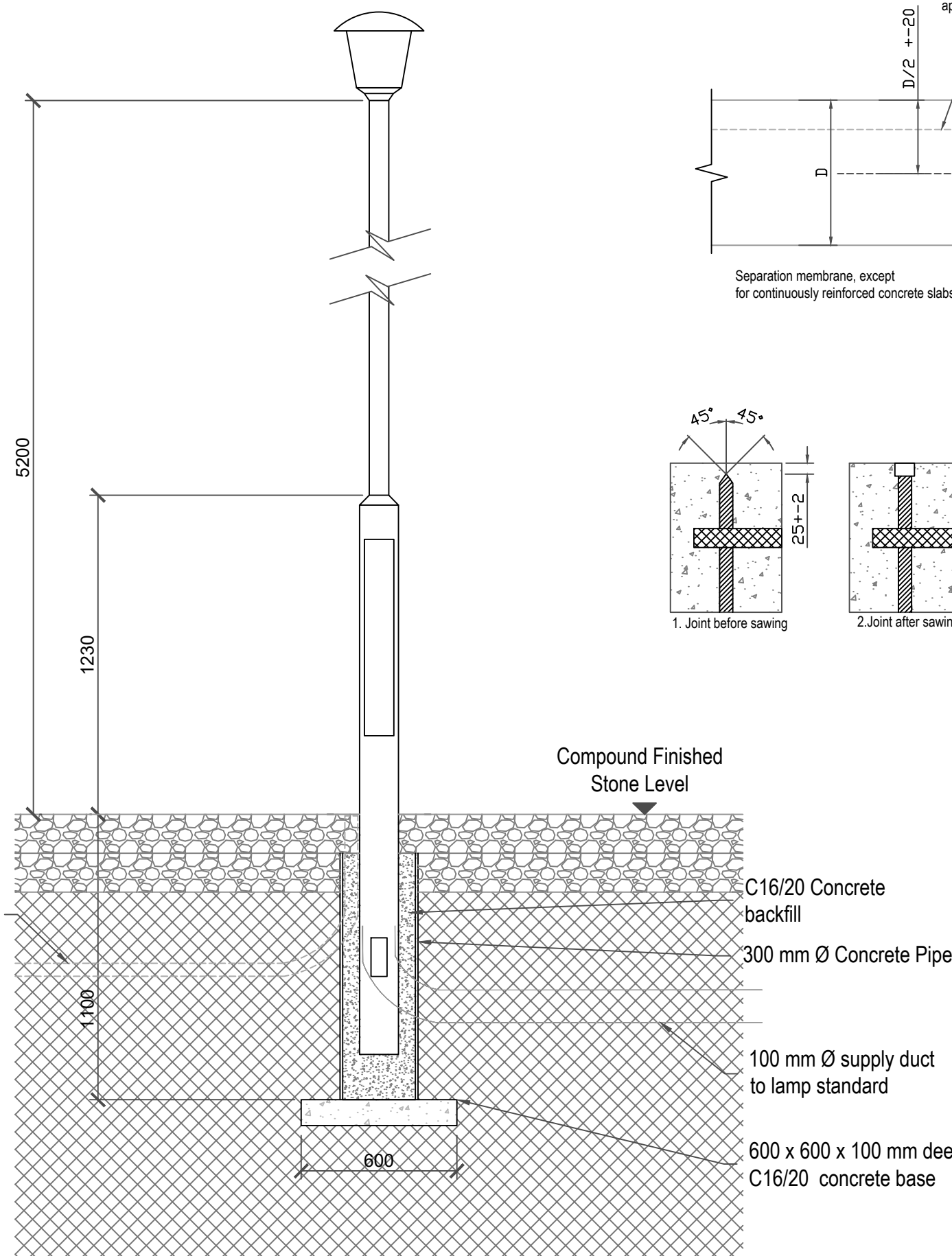


SECTION
Scale 1:50

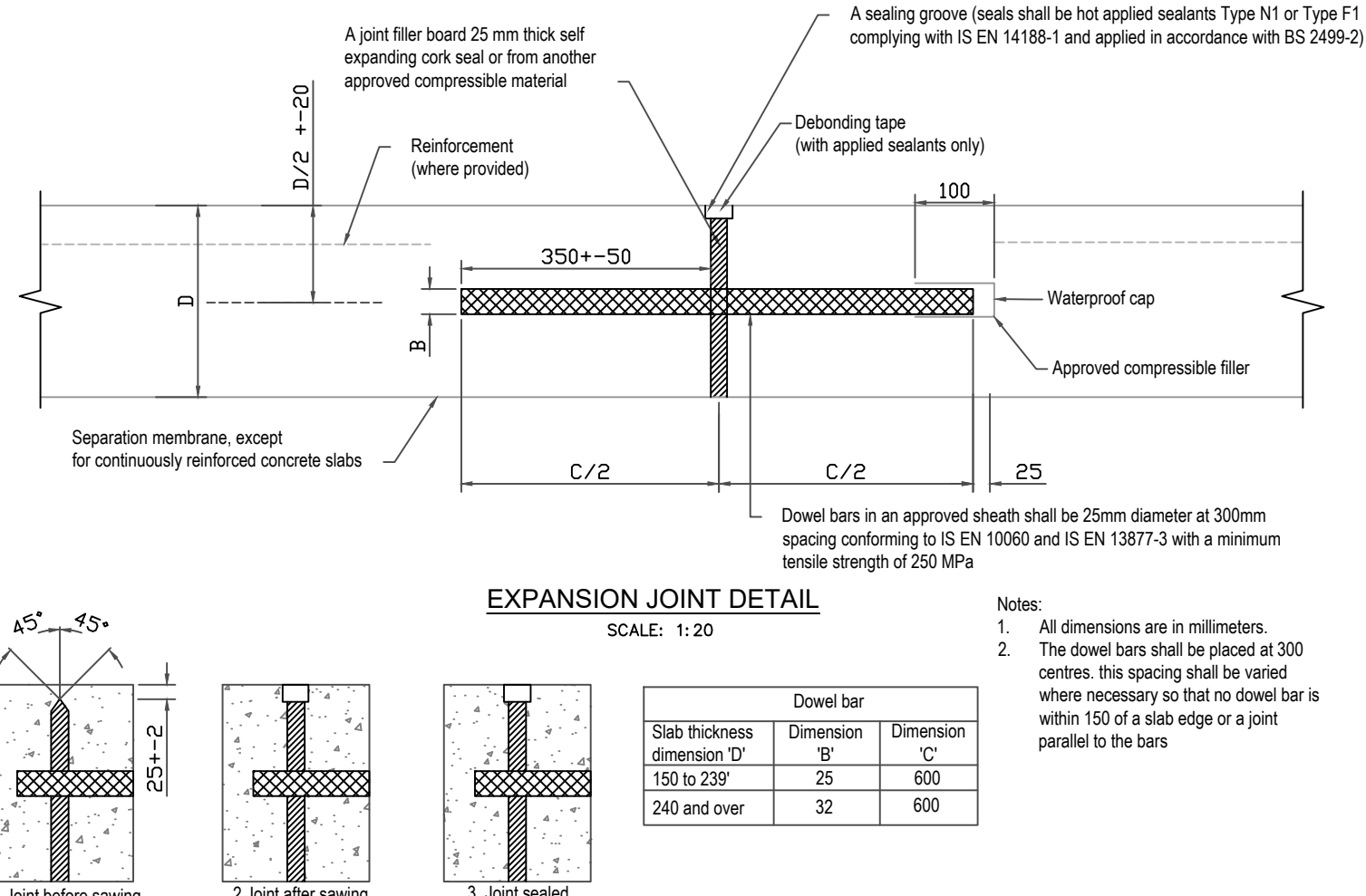


PLAN
Scale 1:50

VENT STACK DETAIL



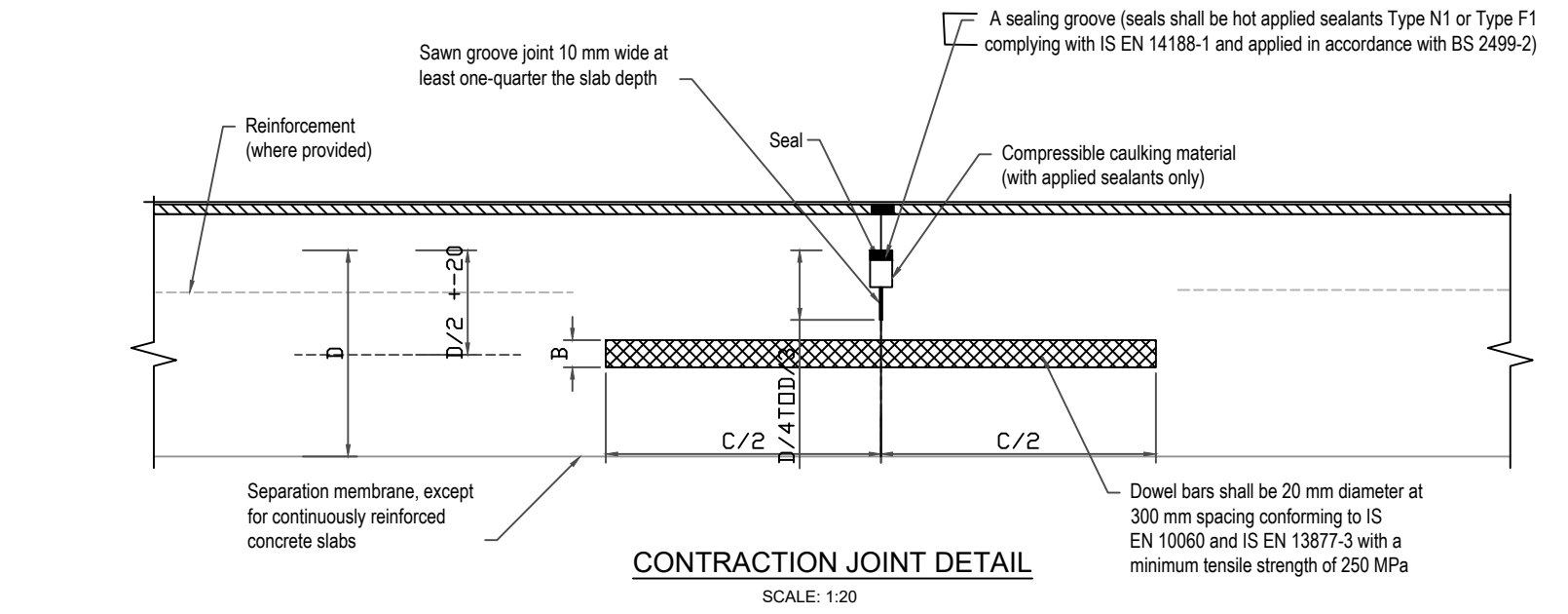
Lighting Column & Surround Details
Scale 1:25



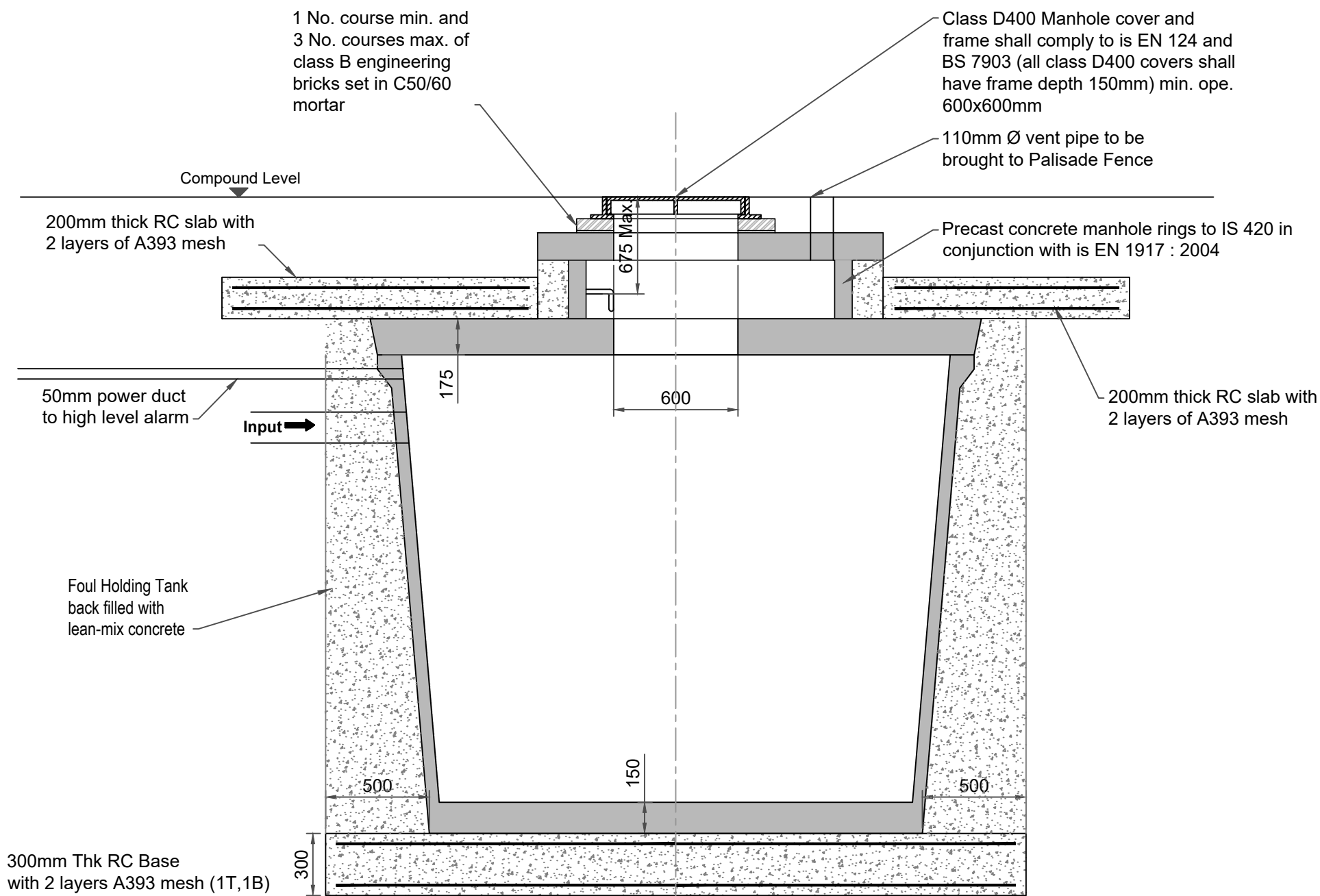
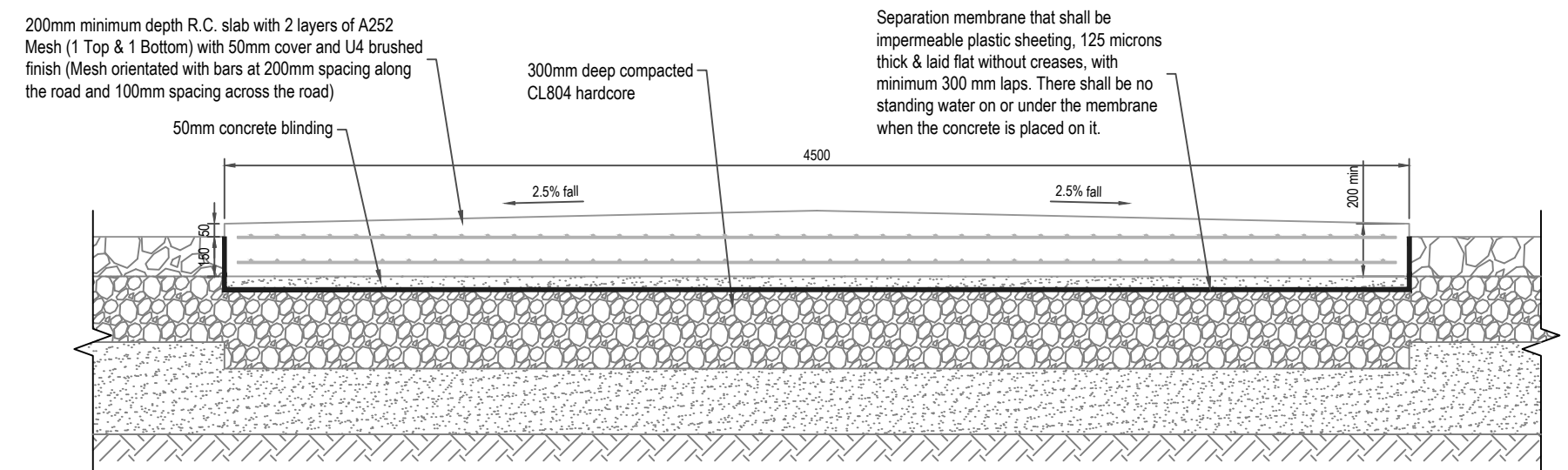
EXPANSION JOINT DETAIL
SCALE: 1:20

Slab thickness dimension 'D'	Dimension 'B'	Dimension 'C'
150 to 239	25	600
240 and over	32	600

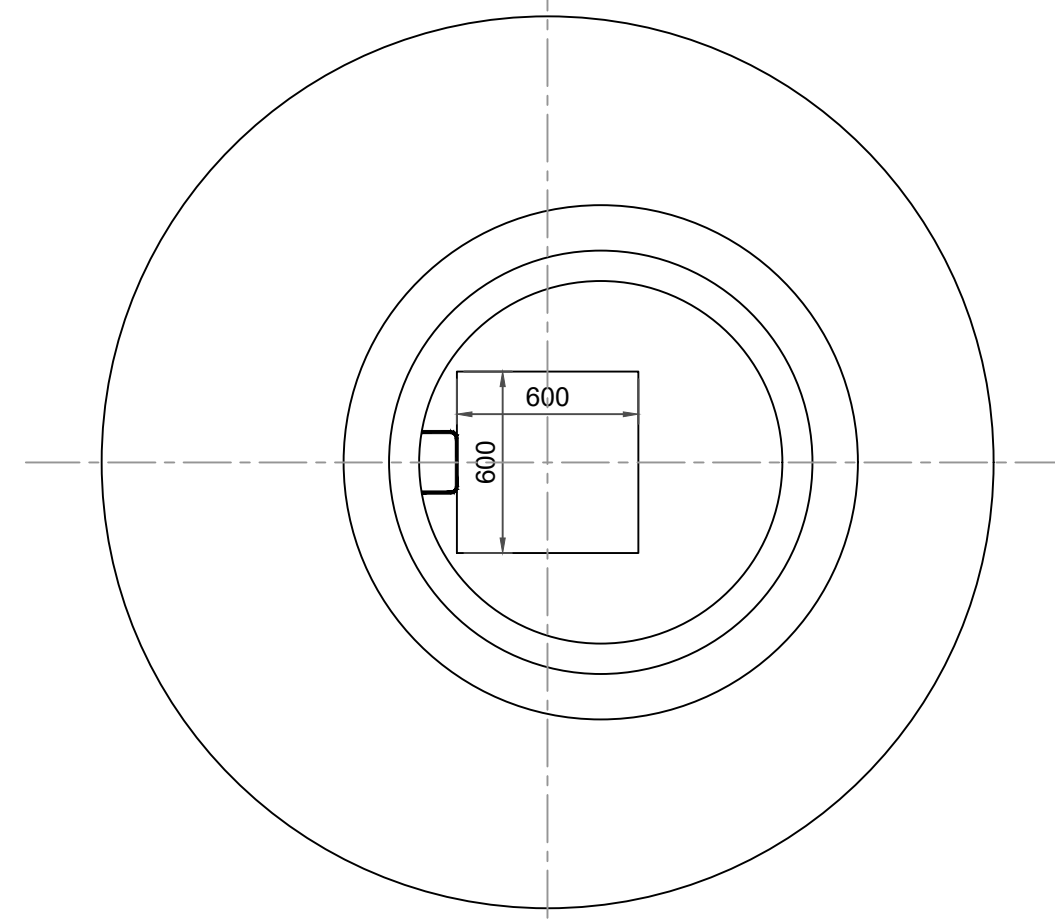
- Notes:
- All dimensions are in millimeters.
 - The dowel bars shall be placed at 300 centres. This spacing shall be varied where necessary so that no dowel bar is within 150 of a slab edge or a joint parallel to the bars



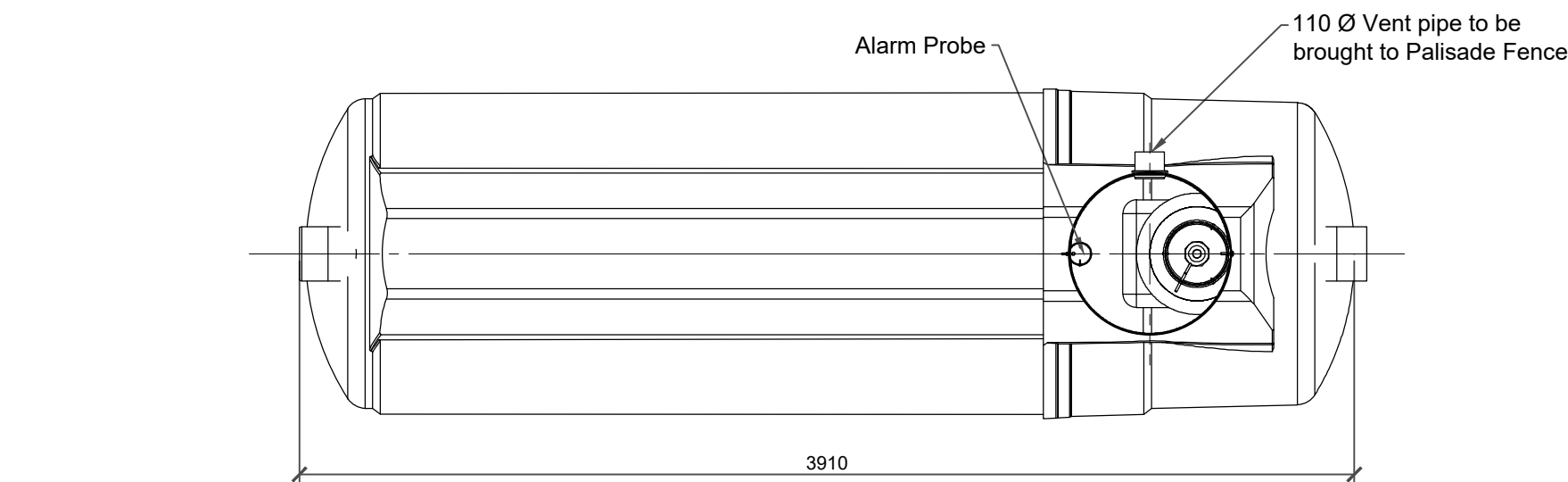
CONTRACTION JOINT DETAIL
SCALE: 1:20



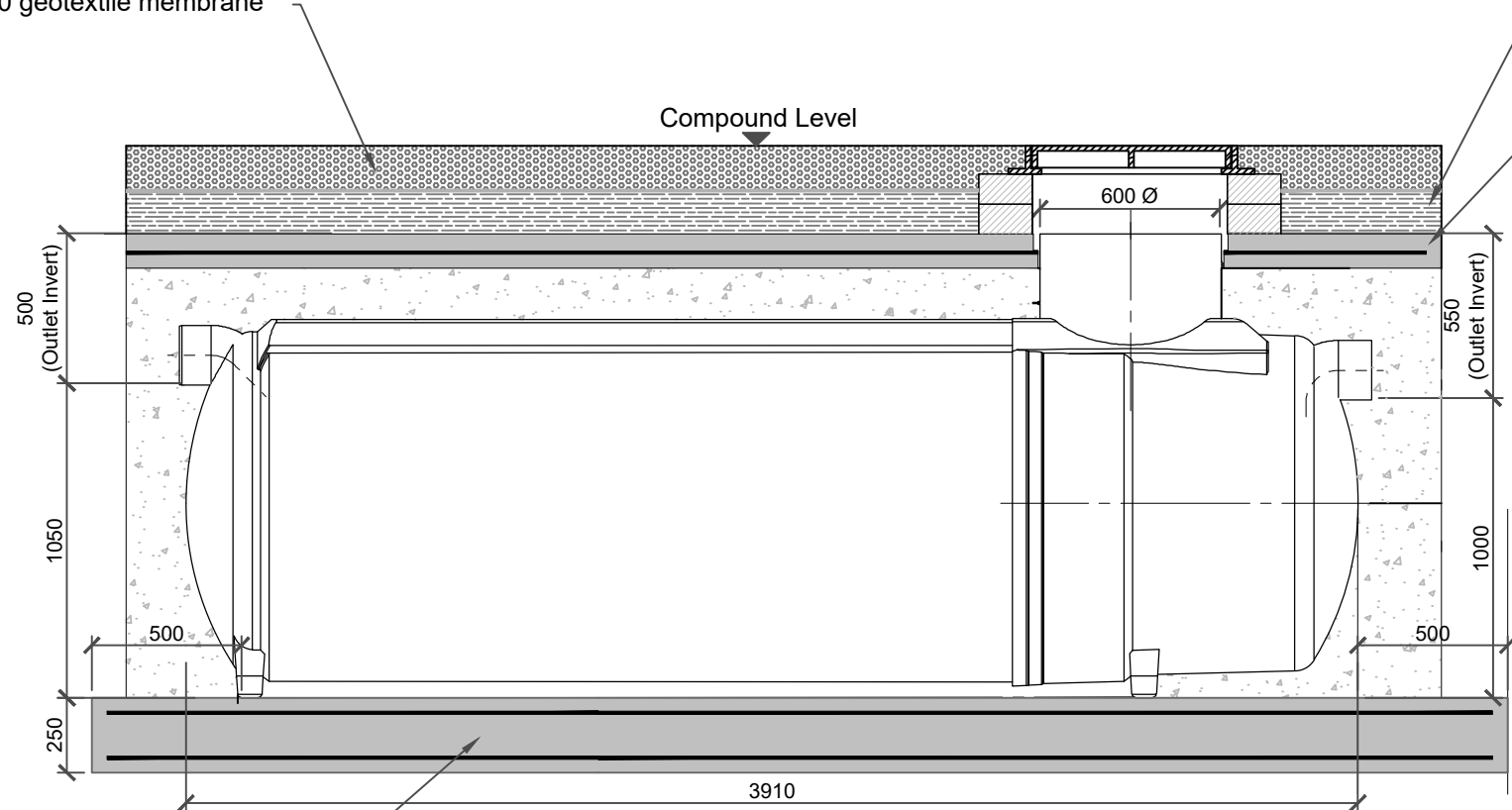
PROPOSED FOUL HOLDING TANK - SECTION
SCALE: 1:25



PROPOSED FOUL HOLDING TANK - PLAN
SCALE: 1:25

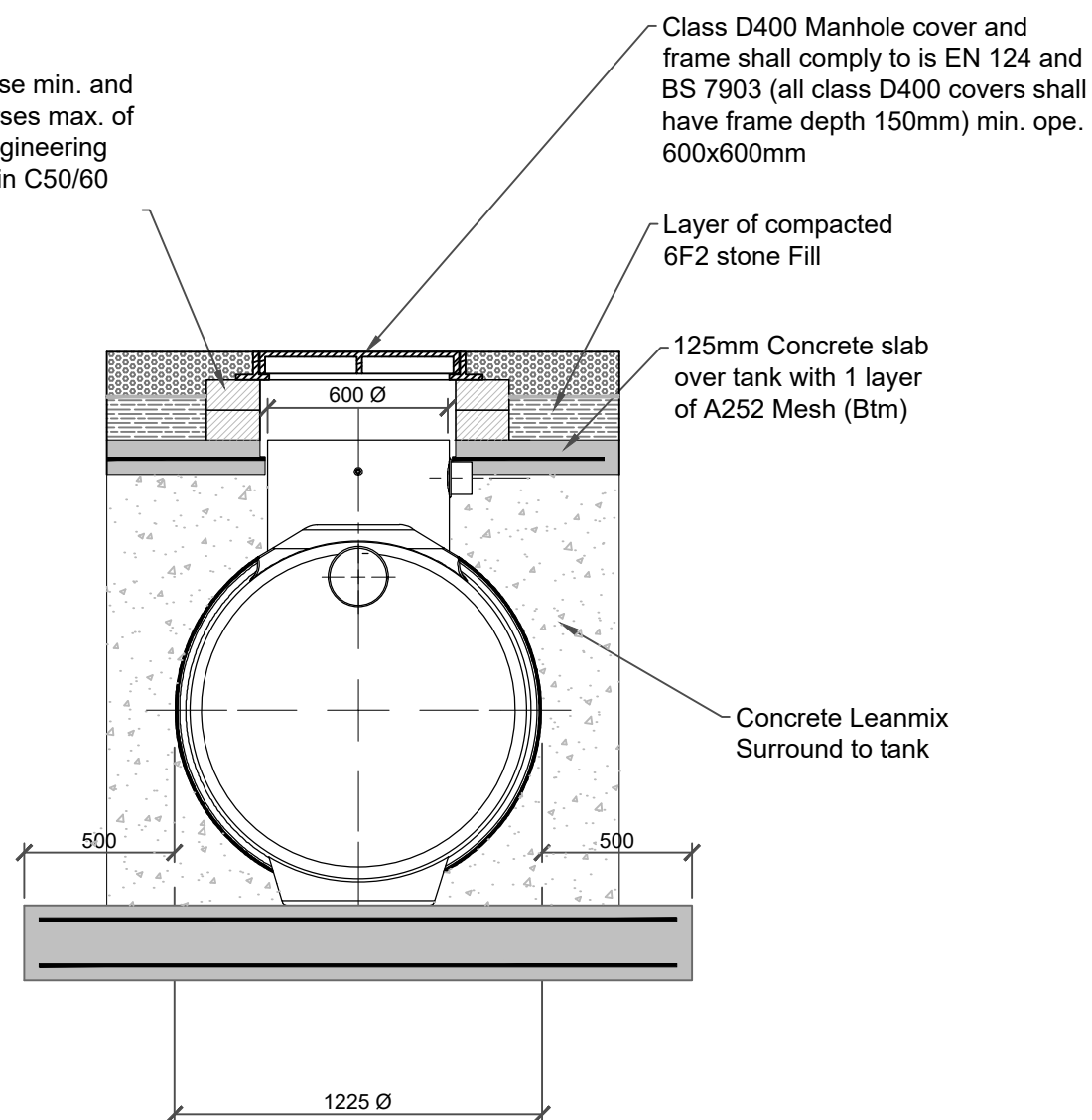


150mm thick top layer of compound stone consisting of 50mm single sized crushed limestone on terram 1300 geotextile membrane



250mm Thk RC Base with 2 layers A393 mesh (1T,1B)

1 No. course min. and 3 No. courses max. of class B engineering bricks set in C50/60 mortar



Class D400 Manhole cover and frame shall comply to is EN 124 and BS 7903 (all class D400 covers shall have frame depth 150mm) min. ope. 600x600mm

Layer of compacted 6F2 stone Fill

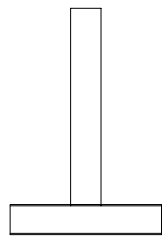
125mm Concrete slab over tank with 1 layer of A252 Mesh (Btm)

Concrete Leanmix Surround to tank

FULL RETENTION CLASS 1 INTERCEPTOR
To be a NSFA015 fitted with an oil fuel alarm and an adaptor for the larger diameter 225mm pipe. Allow for 50mm standard drop across the interceptor.

Scale 1:20

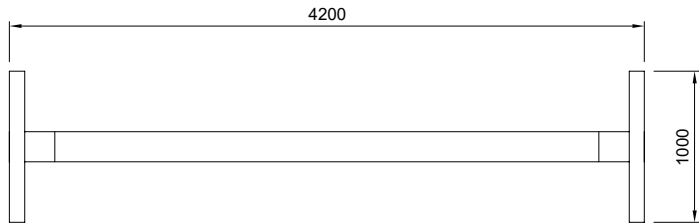
2 Aug 2024	PLANNING ISSUE	-	-
1 Nov 2023	ISSUED FOR TENDER	-	-
REV	DATE	DESCRIPTION	BY APP
PROJECT:			
NORTH SOUTH 400 kV INTERCONNECTION DEVELOPMENT			
TITLE:			
PROPOSED TEMPORARY CONSTRUCTION/ MATERIAL STORAGE YARD TYPICAL SITE DETAILS			
CLIENT:			
EIRGRID			
MWP			
ENGINEERING AND ENVIRONMENTAL CONSULTANTS			
CORK TRALEE LONDON LIMERICK			
mwp.ie			
DRAWN:	CHECKED:	APPROVED:	
PROJECT NUMBER:	DATE:	SCALE @ A1:	
TC211635	Nov.2023	As Noted	
STATUS DESCRIPTION			STATUS:
FOR TENDER			D2
DRAWING NUMBER:			REV:
24051- MWP - ZZ- ZZ- DR- C- 0112			2



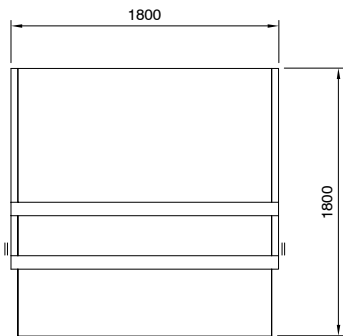
END VIEW



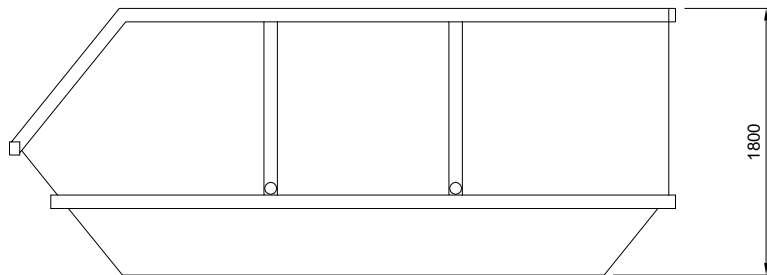
FRONT ELEVATION - POLE STANCHION



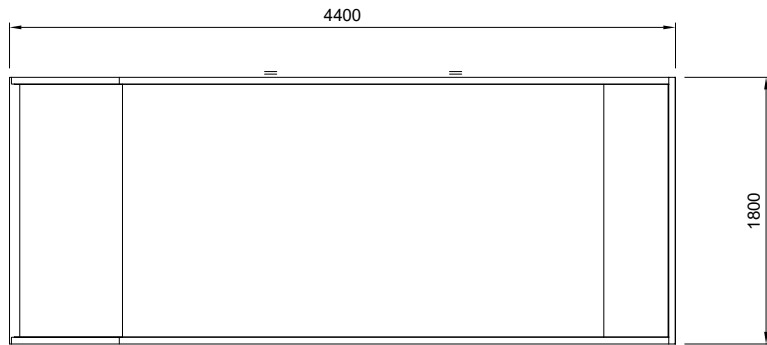
PLAN VIEW - POLE STANCHION



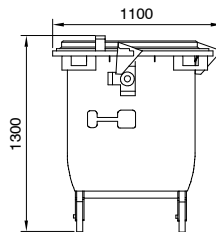
END VIEW - SKIP



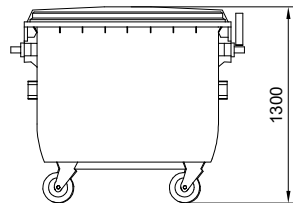
FRONT ELEVATION - SKIP



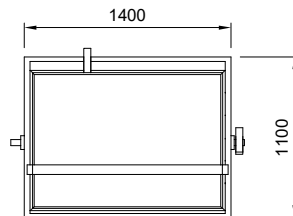
PLAN VIEW - SKIP



END VIEW - BIN



FRONT ELEVATION - BIN



PLAN VIEW - BIN

NOTES:

1. REFER TO DRAWING 24051-MWP-ZZ-ZZ-DR-C-0102 FOR SITE LAYOUT PLAN AND DETAILS.
2. ALL DIMENSIONS IN MM UNLESS STATED OTHERWISE.

1	03/26	SECOND ISSUE	AS	TS	EL	BA			
0	08/26	INITIAL ISSUE	AS	TS	EL	BA			
Rev.	Date	Revision description	Dm.	Prod	Ver.	App.			
Purpose of issue - Preliminary unless indicated									
Client Approval ☐ Planning ☒ Tender ☐ Construction ☐ As-Built ☐									



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Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

Client	ESB NETWORKS
Project	North - South 400 kV Project
Contract	

Drawing title	North - South 400 kV Interconnector Proposed Temporary Construction Material Storage Yard Proposed Structures Waste Collection and Pole Storage Equipment
Production unit	Transmission and Distribution Delivery

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Drawn	Produced	Verified	Approved	Approval date
AS	TS	EL	BA	MAR 26
Client ref.		No. of sheets	Size	Scale
TC234644		1	A3	1:50
Drawing number				SHEET REV
PE687-D422-041-001-000				

Architectural drawing showing the rear elevation, front elevation, end elevation A, end elevation B, and plan view of a structure, likely a storage yard or material storage yard, with dimensions and notes.

NOTES:

- REFER TO DRAWING 24051-MWP-ZZ-ZZ-DR-C-0102 FOR SITE LAYOUT PLAN AND DETAILS.
- ALL DIMENSIONS IN MM UNLESS STATED OTHERWISE.

Dimensions:

- REAR ELEVATION: 6100 (width), 2600 (height)
- END ELEVATION A: 2500 (width)
- FRONT ELEVATION: 2600 (height)
- END ELEVATION B: 2500 (width)
- PLAN VIEW: 2500 (height)

Structure Details:

- REAR ELEVATION: Shows a series of vertical lines representing a wall or fence.
- END ELEVATION A: Shows a series of vertical lines representing a wall or fence.
- FRONT ELEVATION: Shows a series of vertical lines representing a wall or fence.
- END ELEVATION B: Shows a series of vertical lines representing a wall or fence.
- PLAN VIEW: Shows a series of vertical lines representing a wall or fence.

Client Information:

Client: ESB NETWORKS

Production Unit: Transmission and Distribution Delivery

Drawing Title: North - South 400 kV Interconnector Proposed Temporary Construction Material Storage Yard Proposed Structures

Project: North - South 400 kV Project

Contract: Nut & Bolt Store

ESB Engineering and Major Projects

One Dublin Airport Central, Dublin Airport, Cloghran, Co. Dublin, K67 XF72, Ireland.

Tel: 353 1 703 8000 Web: www.esb.ie

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Revision Table:

Rev.	Date	Revision Description	Drn.	Prod.	Ver.	App.
0	MAR 26	INITIAL ISSUE				

Approval Table:

AS	TS	EL	BA

Approval Table:

DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
AS	TS	EL	BA	MAR 26

Client Reference:

CLIENT REF: TC234644

Scale:

SCALE: 1:50

Size:

SIZE: A3

No. OF SHTS:

No. OF SHTS: -

Drawing Number:

PE687-D422-041-003-000

Sheet:

SHEET: 1

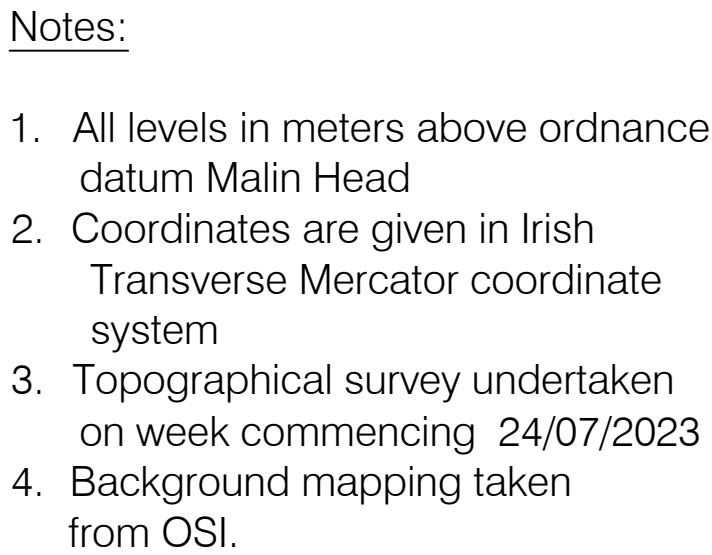
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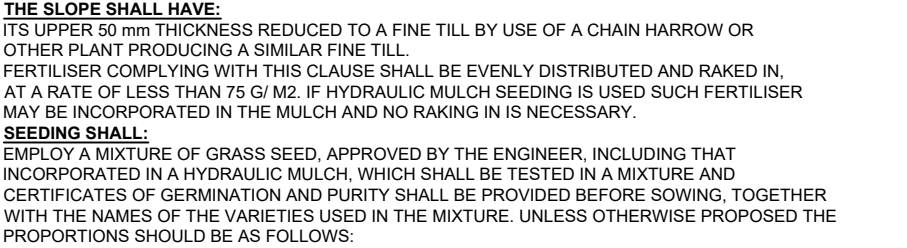
REV: 0

[illegible]

Appendix 3 – Material Storage Yard Demolition, Reinstatement and Reinstatement Details Drawings

- PE687-D422-039-001 – Proposed Temporary Construction Material Storage Yard Demolition Works
- PE687-D422-039-002 - Proposed Temporary Construction Material Storage Yard Reinstatement Works
- PE687-D422-039-003 - Proposed Temporary Construction Material Storage Yard Reinstatement Details





	kg	%
Perennial Rye Grass	12.5	25
Strong Creeping Red Fescue	10.0	20
Hard Fescue	15.0	30
Smooth-stalked Meadow Grass	5.0	10
Highland Browntop Bent	5.0	10
Huia White Clover	2.5	5

BE CARRIED OUT BY EVENLY DISTRIBUTING SUCH SEED AT A RATE OF NOT LESS THAN 20 G/M² FOR SIDE SLOPES OF BOTH EMBANKMENTS AND CUTTINGS AND NOT LESS THAN 10 G/M² ELSEWHERE.

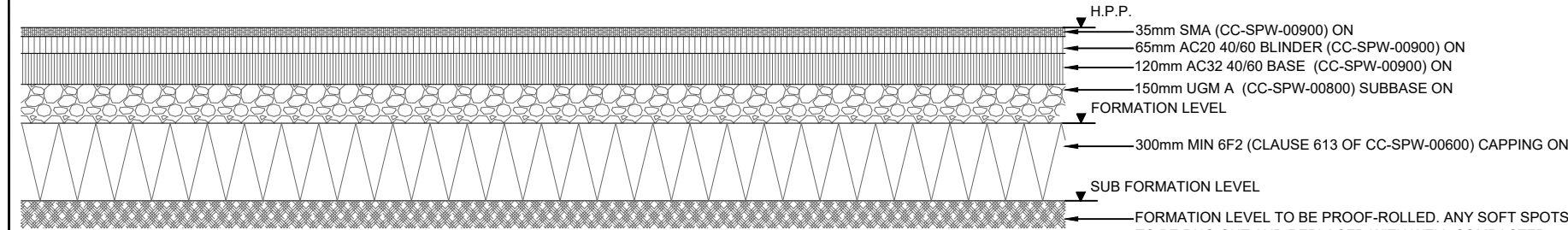
BE IMMEDIATELY FOLLOWED BY LIGHTLY RAKING, BY USE OF A CHAIN HARROW OR OTHER SUITABLE PLANT THE SURFACE OF THE TOPSOIL TO COVER THE SEEDS, EXCEPT THAT NO RAKING IS REQUIRED FOLLOWING HYDRAULIC MULCH SEEDING.

A SELECTIVE HERBICIDE, APPROVED BY THE ENGINEER, ESPECIALLY FORMULATED FOR THE ERADICATION OF DOCKS, THISTLES, RAGWORT AND OTHER PERNICIOUS AGRICULTURAL WEEDS SHALL BE APPLIED BY SPOT TREATMENT SPRAY TO SUCH PLANTS INDIVIDUALLY. THE USE OF A SPRAY BOOM WILL NOT BE PERMITTED.

FERTILISER SHALL CONSIST OF A COMPOUND CONTAINING NOT LESS THAN 10% NITROGEN, 15% PHOSPHORIC ACID AND 10% POTASH.

SAMPLES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ITS USE IN THE WORKS.

HEDGEROWS:
HEDGEROW & PLANTING TO BE REINSTATED. CONTRACTOR TO UNDERTAKE A HORTICULTURAL SURVEY OF THE EXISTING HEDGEROW PRIOR TO DEMOLITION AND REINSTATE HEDGING SPECIES TO MATCH ORIG

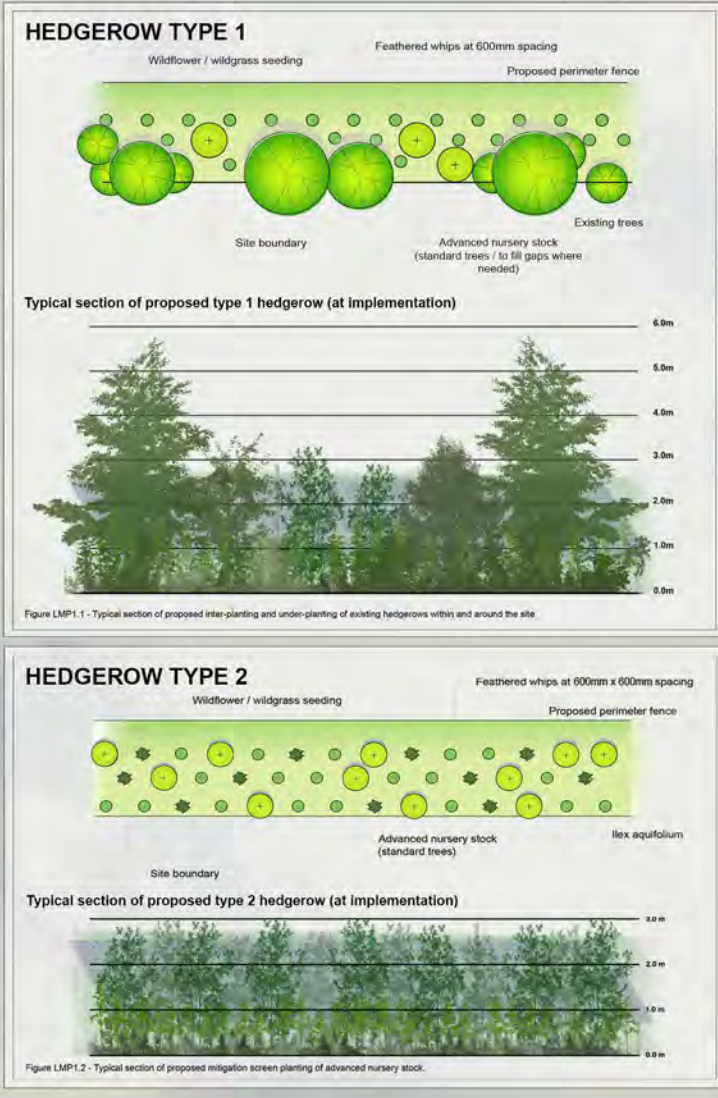


FULLY FLEXIBLE PAVEMENT (SUB-FORMATION $\geq 5\%$)
SCALE 1:25

[illegible]

Appendix 4 – Landscaping Drawing

- LD_NSInter 3.1 – Landscape Mitigation Plan



LEGEND:

- Woodland
- Wet grassland Mix
- Site boundary
- Berm
- Advanced nursery stock
- Proposed fence
- Hedgerow Type 2

NOTES:

The function of the proposed mitigation planting is to support screening and to enhance biodiversity across the site. The new and bolstered sections of hedgerow vegetation, proposed woodland mix and wild grass verges will all reinforce the existing green infrastructure links and provide new ecological corridors within the site and throughout the wider landscape.

Mitigation screen planting shall consist of a mixture of native hedgerow species that are prevalent in the immediate area. Planting to consist of feathered whips (of various sizes) in staggered rows at a spacing of 600mm.

'Under-planting' to consist of a single row of whips to the development side of existing tree lines and hedgerows.

'Inter-planting' to consist of whips at 400mm centres to fill gaps in existing tree lines and hedgerows.

New sections of hedgerow to consist of a triple staggered row of whips and advanced nursery stock at 600mm spacing.

All native species will be planted as whips, with the primary and secondary structure species to be of a minimum height of 90cm and the other shrubs species to be of a minimum height of 60cm.

Proposed mitigation screen planting to be planted as per diagram LMP1.1-1.2 and maintained at a height of approximately 3-4m unless otherwise specified. Hedgerow type 1 to be planted as necessary for gap filling and bolstering.

Proposed mitigation to be planted in the first growing season prior to commencement of development. Hedgerows should reach full establishment (3-4 meters) within 2-3 years of planting.

Native grass seeding of local provenance to occupy any residual space between perimeter fence and nearest line of whip planting. Field margins to be managed inline with the BRIDE project management techniques.

Species mix to be finalised in conjunction with the project ecologist.

*Advanced nursery stock to be provided as Crataegus monogyna (Hawthorn) at 8-10cm girth (c. 3m) bare root standard trees.

NATIVE HEDGEROW SPECIES:

Botanical name	Common name	Size	%
<i>Primary structure;</i>			
Crataegus monogyna	Hawthorn	90-120cm / 8-10cm girth 3m br standard trees	60%
<i>Secondary structure;</i>			
Prunus spinosa	Blackthorn	90-120cm	15%
Ilex aquifolium	Holly	90-120cm	15%
<i>Shrub species structure;</i>			
Viburnum opulus	Guelder Rose	60-90cm	2.5%
Corylus avellana	Hazel	60-90cm	2.5%
Rosa canina	Dog-rose	60-90cm	2.5%
Euonymus europaeus	Spindle	60-90cm	2.5%



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PROJECT: North South Interconnector Storage Yard Co. Monaghan		CLIENT: ESB Major Projects
DRAWING: Landscape Mitigation Plan - Sheet 1		SCALE: 1:500
DATE: Jul 2025	DWN BY: YA	CKD BY: RB
SHEET SIZE: A1 (landscape)		DWG No. LD_NSINTER 3.1

Appendix 5 – Responses to Council Queries Received 25th June 2025

Council Query No.1

Scaled plans and elevations of the following structures proposed to be placed on the site;

- a. prefab staff offices*
- b. portable toilets*
- c. nut and bolt store*
- d. waste collection area*
- e. refuelling area including any tanks or dispensing equipment*
- f. lamp standards / posts, indicating specific heights at specific locations*

Response

For points a, b, c, d, please refer to drawing PE687-D422-041-001.

No tanks or dispensing equipment is envisaged at the refuelling area.

For point f, refer to drawing 24051-MWP-ZZ-ZZ-DR-C-0112 which indicates lighting column heights at all lighting column locations.

Council Query No.2

Clarification if racking or shelving (or indeed any other structure) is proposed to be placed on the site in the areas on the submitted site layout marked:-

- a. pole storage*
- b. hardware and general materials storage*
- c. steel members storage*
- d. conductor drums*
- e. intermediate towers*
- f. 30 degree angle towers*
- g. 60 degree angle towers*
- h. 90 degree angle towers*
- i. wheel wash*

and scaled plans and elevations of all structures proposed to be erected on these areas.

Response

For point a, please refer to Pole Stanchion Plan and Elevation views on drawing PE687-D422-041-001.

For points b to i, no racking or shelving is proposed to be placed on the site. It should be noted, the maximum height of conductor drums is proposed as 3m.

Council Query No.3

Plans indicating the pallisade fencing and entrance gates painted dark green powder coated to match the colour of the fence posts and to assist in the integration of the fencing in the interests of visual amenity.

Response

Drawings updated to indicate dark green power coated (RAL 6005) palisade fence and entrance gates.

Council Query No.4

Clarification of the maximum height of the palisade fencing above the ground level either side of the entrance gates. It is noted that it could be up to 6 metres in height above the ground levels at this location.

Response

Palisade fencing height above ground level will be 2.6m at all locations. The entrance gate width is proposed to be 6m.

Council Query No.5

Images of the appearance of the proposed acoustic fence/sound barrier and silt barriers.

Response

Please refer to Section 3 of this report.

Council Query No.6

Clarification of what the structure indicated to the right of the proposed entrance gates is on the "proposed elevation along road L4700" (drawing 24051-MW-ZZ-ZZ-DR-C-D102), submission of scaled plans of same, and an indication its position on the site layout.

Response

Notes added to drawing identifying this structure as an existing telecom pole to be removed.

Council Query No.7

A site layout indicating details of landscaping along the northwestern, southwestern and southeastern boundaries of the site to facilitate the visual screening of the site and the structures proposed to be placed on it, particularly where the hedgerow is required to be removed to facilitate the provision of the required visibility splays. The details of landscaping should include types, heights, location and numbers of trees and hedgerows to be planted, and the timescale to do so as the first planting season following commencement of the works.

Response

Please refer to drawing in Appendix 4.

Council Query No.8

A site layout indicating the area where during the operation of the site, it is proposed to stock pile the stripped material for reuse in the restoration process. Details would also be required of the maximum heights of stock piled material. It is noted on drawing PE6897-D422-039-002-000 that it is stated that stripped material that is to be stockpiled on site will be used in the restoration process.

Response

Please refer to areas indicated on drawing 24051-MWP-ZZ-ZZ-DR-C-0102 where it is envisaged soil stockpiles will be placed. The heights of these stockpiles will depend on the technical properties of the soil, but it is estimated the stockpiles will not exceed 3m in height.

Council Query No.9

Clarification of the proposal to reinstate the roadside wall on the restoration site layout plan (drawing PE6897-D422-039-002) and details of same.

Response

Note on drawing PE6897-D422-039-002 updated to indicate roadside bank to be reinstated as no wall could be identified during follow-up site visit.

Appendix 6 – Responses to Council Queries Received 19th January 2026

Council Query

In respect of items 1(a) to (d) of the correspondence dated 25th June 2025, the plans submitted on 28th August 2025 of the prefab staff offices, portable toilets, nut and bolt store, waste collection area do not include all of the elevations. Furthermore, the plans submitted do not correlate with the dimensions of the temporary structures indicated on the site layout plan.

Response

Additional elevations have been provided on the drawings listed below;

For waste collection area, please refer to drawing PE687-D422-041-001.

For portable toilets, please refer to drawing PE687-D422-041-002.

For nut and bolt store, please refer to drawing PE687-D422-041-003.

For prefab staff offices, please refer to drawing PE687-D422-041-004.

Drawing 24051-MWP-ZZ-ZZ-DR-C-0102 (Proposed Temporary Construction/Materials Storage Yard Site Layout Plan & Details) has also been updated to ensure structure sizes shown correlate with the dimensions shown on the drawings listed above.