

Cunlaghfadda Green Energy Project – Grid Connection

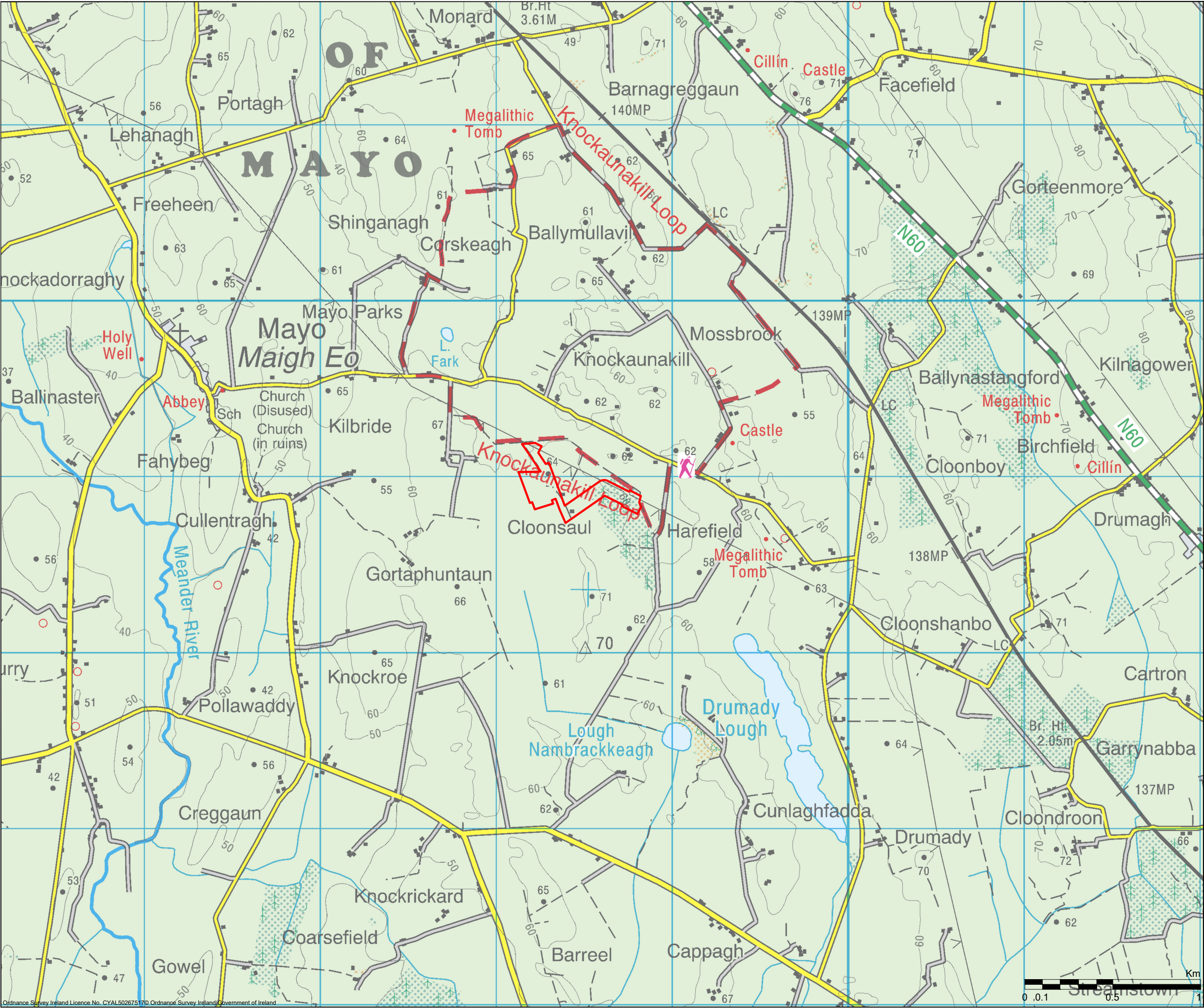
SID Planning Application
Drawings





Schedule of Drawings

Drawing No.	Drawing Title	Scale
220825GC - 01	Location Context Map	1:20,000 @ A3
220825GC - 02	Site Location Key Map	1:10,000 @ A3
220825GC - 02.1	Site Location Map Sheet 1 of 2	1:2,500 @ A1
220825GC - 02.2	Site Location Map Sheet 2 of 2	1:2,500 @ A1
220825GC - 03	Temporary Construction Compound	1:500 @ A3
220825GC - 04	Site Office and Staff Facilities Detail	1:50 @ A2
TLI Group		
05981-DR-001	Overall Site Layout Plan	1:2,500 @ A1
05981-DR-002	Site Layout Plan Sheet 1 of 3	1:500 @ A1
05981-DR-003	Site Layout Plan Sheet 2 of 3	1:500 @ A1
05981-DR-004	Site Layout Plan Sheet 3 of 3	1:500 @ A1
05981-DR-101	EirGrid Control Building Plan, Elevations and Section	As Shown @ A1
05981-DR-102	IPP Building Plan, Elevations and Section	As Shown @ A1
05981-DR-103	Substation Layout Plan	1:250 @ A1
05981-DR-104	Substation Elevations Sheet 1 of 2	As Shown @ A1
05981-DR-105	Substation Elevations Sheet 2 of 2	As Shown @ A1
05981-DR-106	Drainage Details	As Shown @ A1
05981-DR-107	Site Compound Details	As Shown @ A2
05981-DR-108	Monopole Lightning Mast Details	As Shown @ A2
05981-DR-109	Palisade Gate and Fencing Details	As Shown @ A1
05981-DR-110	110kV Single Ducting Section Through Access Track	1:10 @ A3
05981-DR-111	110kV Double Circuit Ducting Section Through Access Track	1:10 @ A3
05981-DR-112	Standard C2 Chamber Details General Arrangement	As Shown @ A3
05981-DR-113	110kV End Mast	As Shown @ A2
05981-DR-116	Concrete Post and Rail Fence Details	As Shown @ A1
Fehily Timoney and Company		
P23-270-0600-0008	Type C - New Excavate and Replace Access Track	1:25 @ A1
P23-270-0600-0009	Type D - New Floating Access Track	1:20 @ A1
Hydro Environmental Services		
P1646-0-0426-A1-D101_GC-00B	Proposed Drainage Layout	1:2,000 @ A1
P1646-0-0426-A1-D501-00A	Drainage Details 1 - D501	As Shown @ A1
P1646-0-0426-A1-D502-00A	Drainage Details 2 - D502	As Shown @ A1



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Drawing Legend

— Planning Application Boundary

SITE LOCATION

SITE LOCATION - N.T.S

PROJECT TITLE:

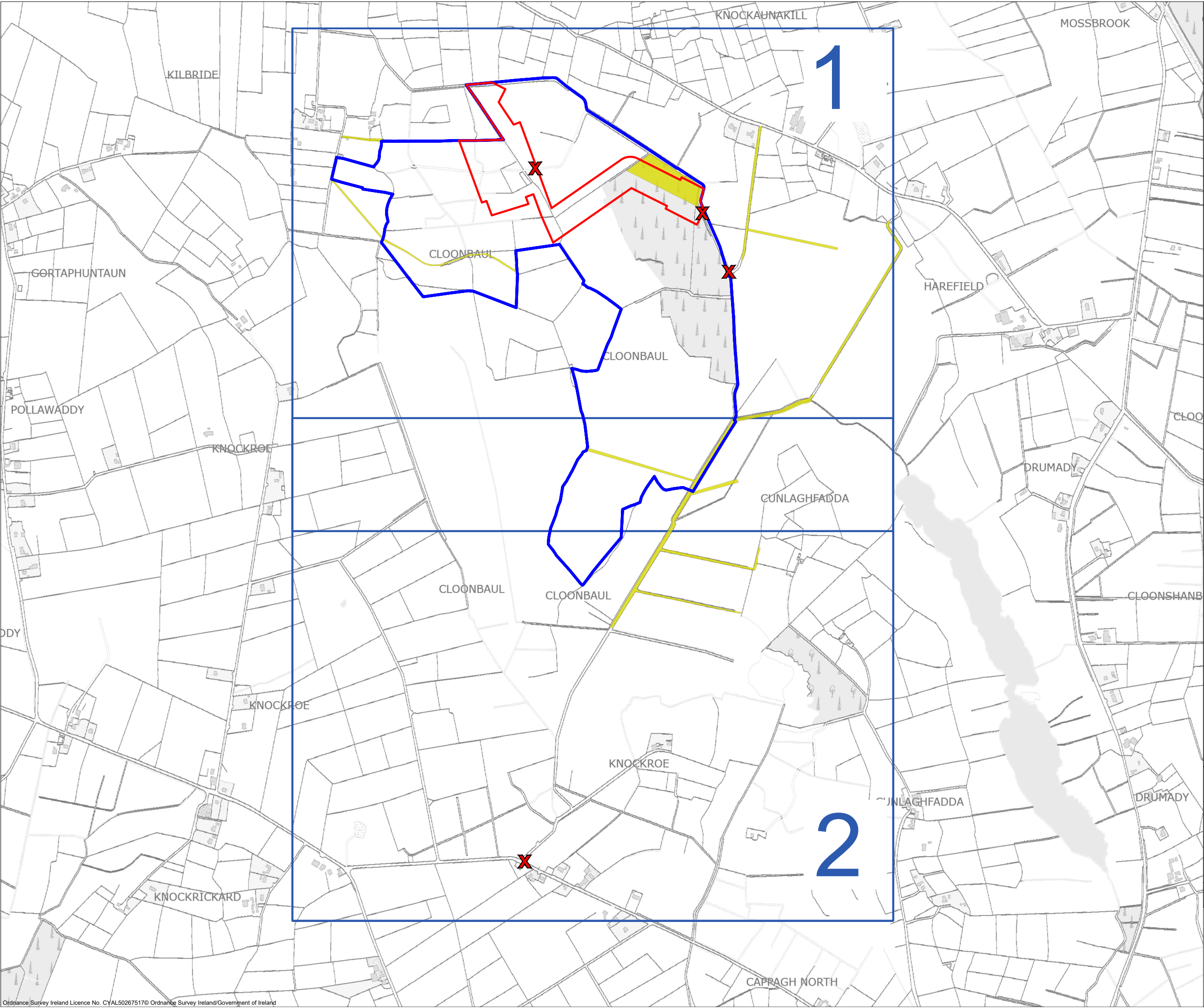
Cunlaghfadda Green Energy Project

DRAWING TITLE:

Location Context Map

PROJECT No.:	DRAWING No.:	SCALE:
220825	220825GC - 01	1:20,000 @ A3
DRAWN BY:	CHECKED BY:	DATE:
FB	GO	02.07.2026
OS SHEET No.:		REVISION:
OS1226, OS1228		P01

Info: info@www.mkoireland.ie / Website: www.mkoireland.ie



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Drawing Legend

Planning Application Boundary

Landowners Blue Line Boundary

X

Site Notice

Wayleave

N

PROJECT TITLE:
Cunlaghfadda Green Energy Project

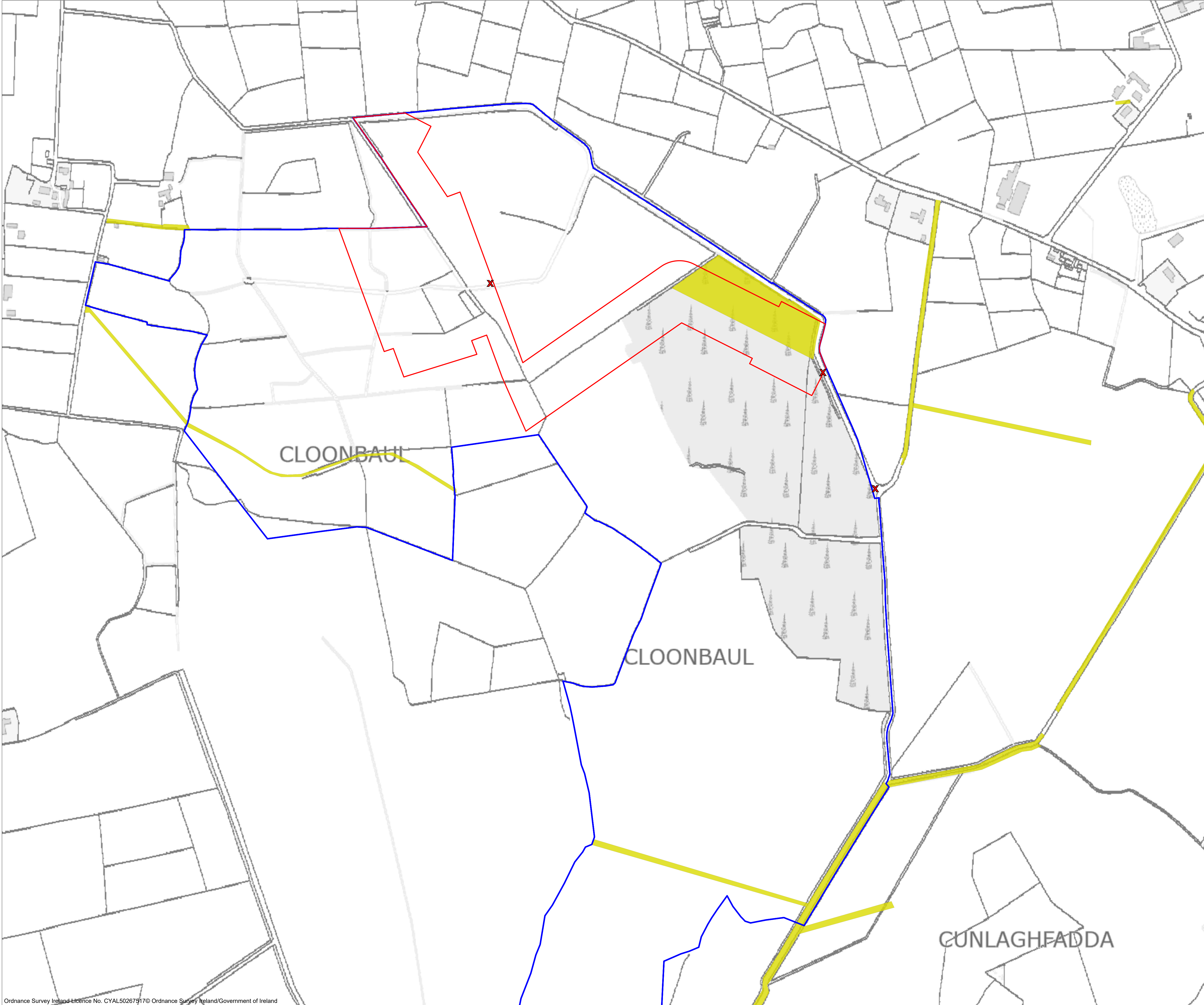
DRAWING TITLE:
Site Location Key Map

PROJECT No.: 220825	DRAWING No.: 220825GC - 02	SCALE: 1:10,000 @ A3
DRAWN BY: FB	CHECKED BY: GO	DATE: 22.06.2026
REVISION.: P01		

OS SHEET No.:
2209,2210,2273,2274

MKO

Email: info@www.mkoireland.ie/Website: www.mkoireland.ie



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Drawing Legend

Planning Application Boundary

Landowners Blue Line Boundary

X

Site Notice

Wayleave

PROJECT TITLE:
Cunlaghfadda Green Energy Project

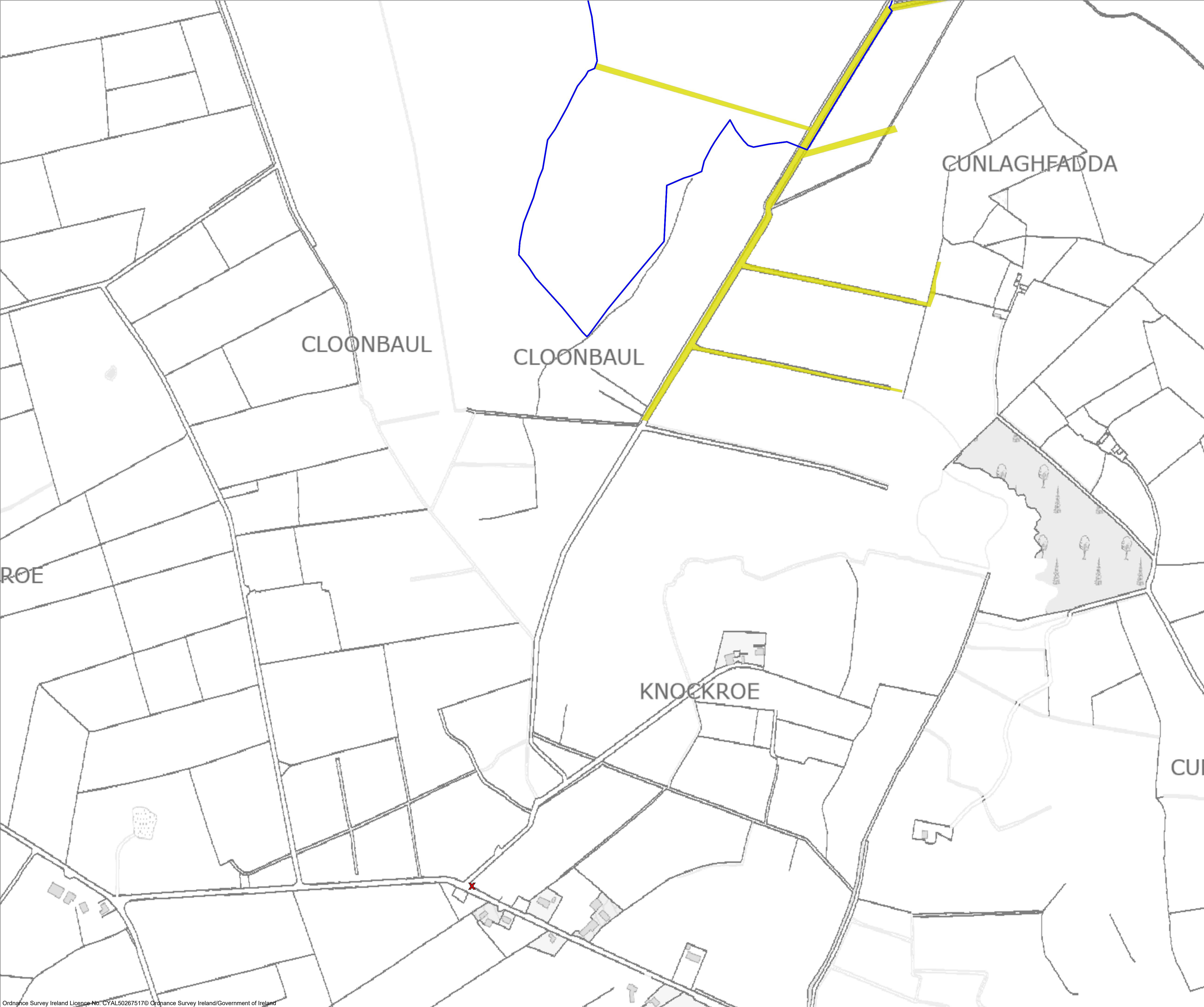
DRAWING TITLE:
Site Location Map - Sheet 1 of 2

PROJECT No.: 220825		DRAWING No.: 220825GC - 02.1		SCALE: 1:2,500 @ A1	
DRAWN BY: FB	CHECKED BY: GO	DATE: 22.06.2026	REVISION: P01		

OS SHEET No.:
2209,2210,2273,2274

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Drawing Legend

Planning Application Boundary

Landowners Blue Line Boundary

X

Site Notice

Wayleave

PROJECT TITLE:

Cunlaghfadda Green Energy Project

DRAWING TITLE:

Site Location Map - Sheet 2 of 2

PROJECT No.:
220825

DRAWING No.:
220825GC - 02.2

SCALE:
1:2,500 @ A1

DRAWN BY: FB

CHECKED BY: GO

DATE:
22.06.2026

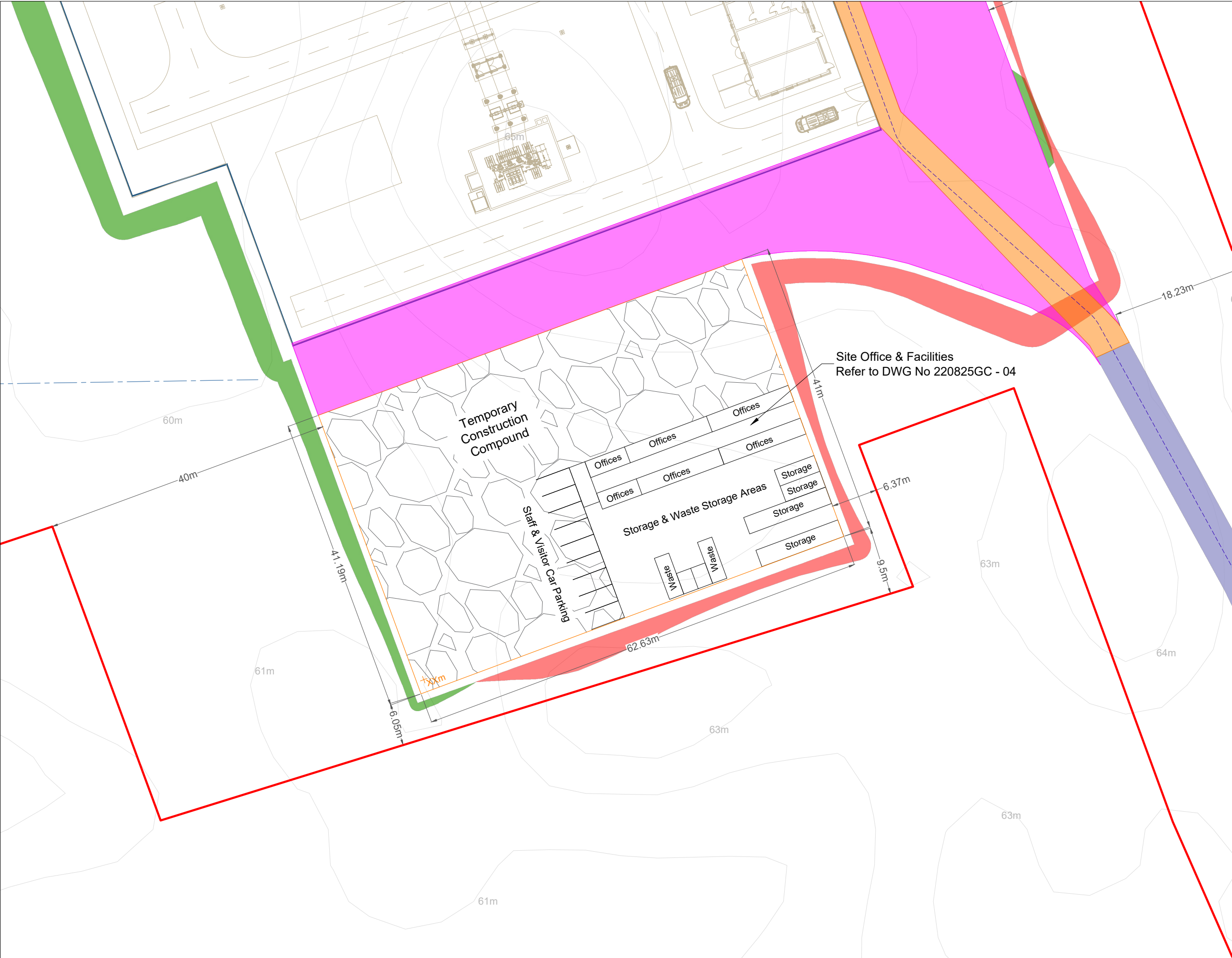
REVISION: P01

OS SHEET No.:

2209,2210,2273,2274

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5. All contractors, whether main or sub-contractors, must visit the site and are responsible for taking and checking any and all dimensions and levels that relate to the works.
6. The use of or reliance upon this drawing shall be deemed to be acceptance of these conditions of use unless otherwise agreed in writing, such written agreement to be sought from and issued by the copyright holder to the use or reliance upon this drawing.
7. Layout plans show typical Turbine rotor diameter as per turbine drawing.
8. Final levels may vary depending on local ground conditions.

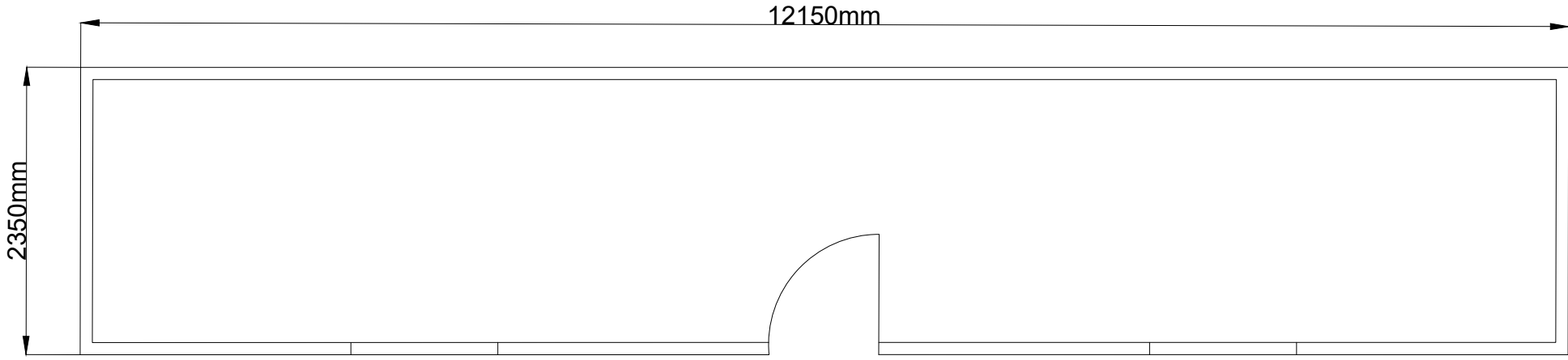
- Drawing Legend**
- Planning Application Boundary
 - Proposed new access track (permanent)
 - Temporary Construction Tracks
 - Temporary Construction Compound
 - Cut
 - Fill
 - Wind Farm Elements
(Not subject of this planning application)
 - Electrical Cable Trench



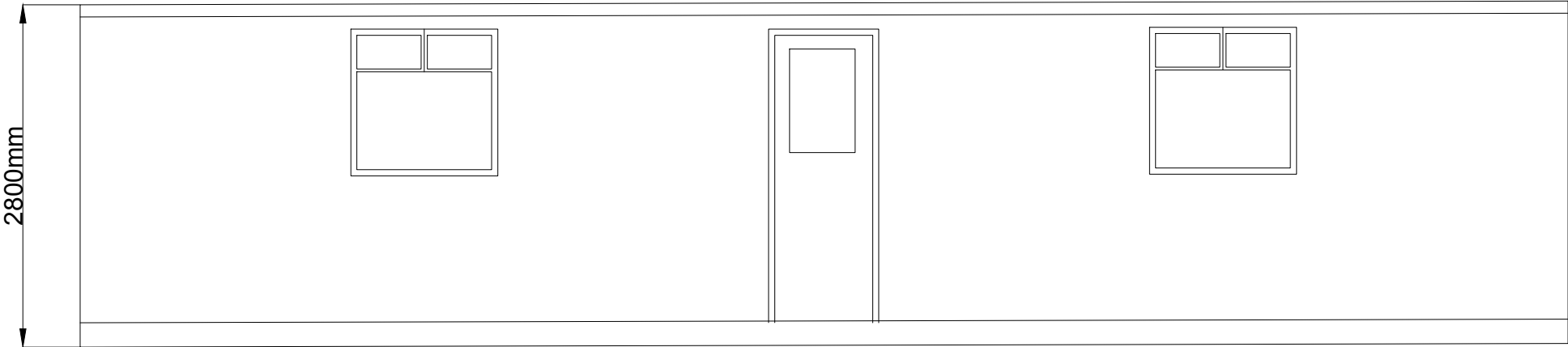
PROJECT TITLE: Cunlaghfadda Green Energy Project			
DRAWING TITLE: Temporary Construction Compound			
PROJECT No.: 220825	DRAWING No.: 220825GC - 03	SCALE: 1:500 @ A3	
DRAWN BY: FB	CHECKED BY: GO	DATE: 22.06.2026	REVISION: P01
OS SHEET No.: 2209,2210,2273,2274			



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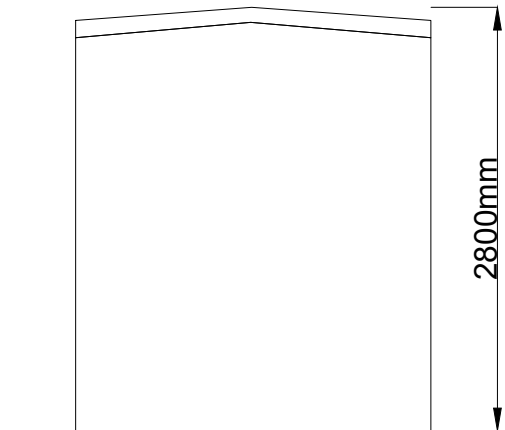
PLAN VIEW



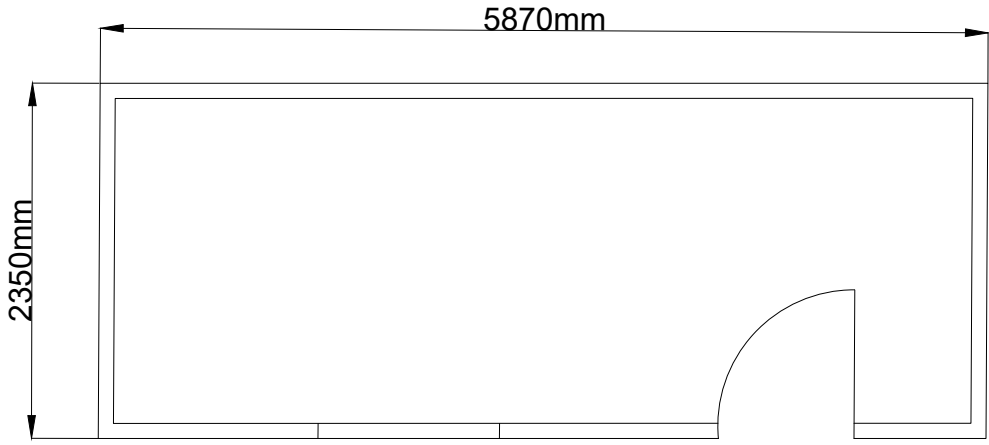
FRONT ELEVATION



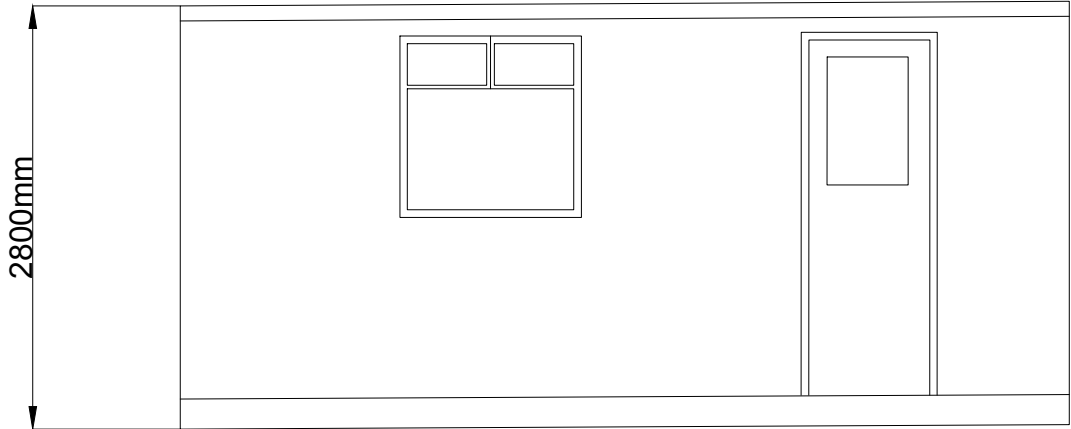
REAR ELEVATION



SIDE ELEVATION



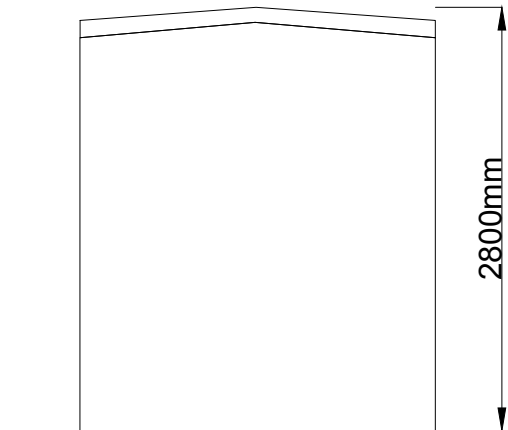
PLAN VIEW



FRONT ELEVATION



REAR ELEVATION



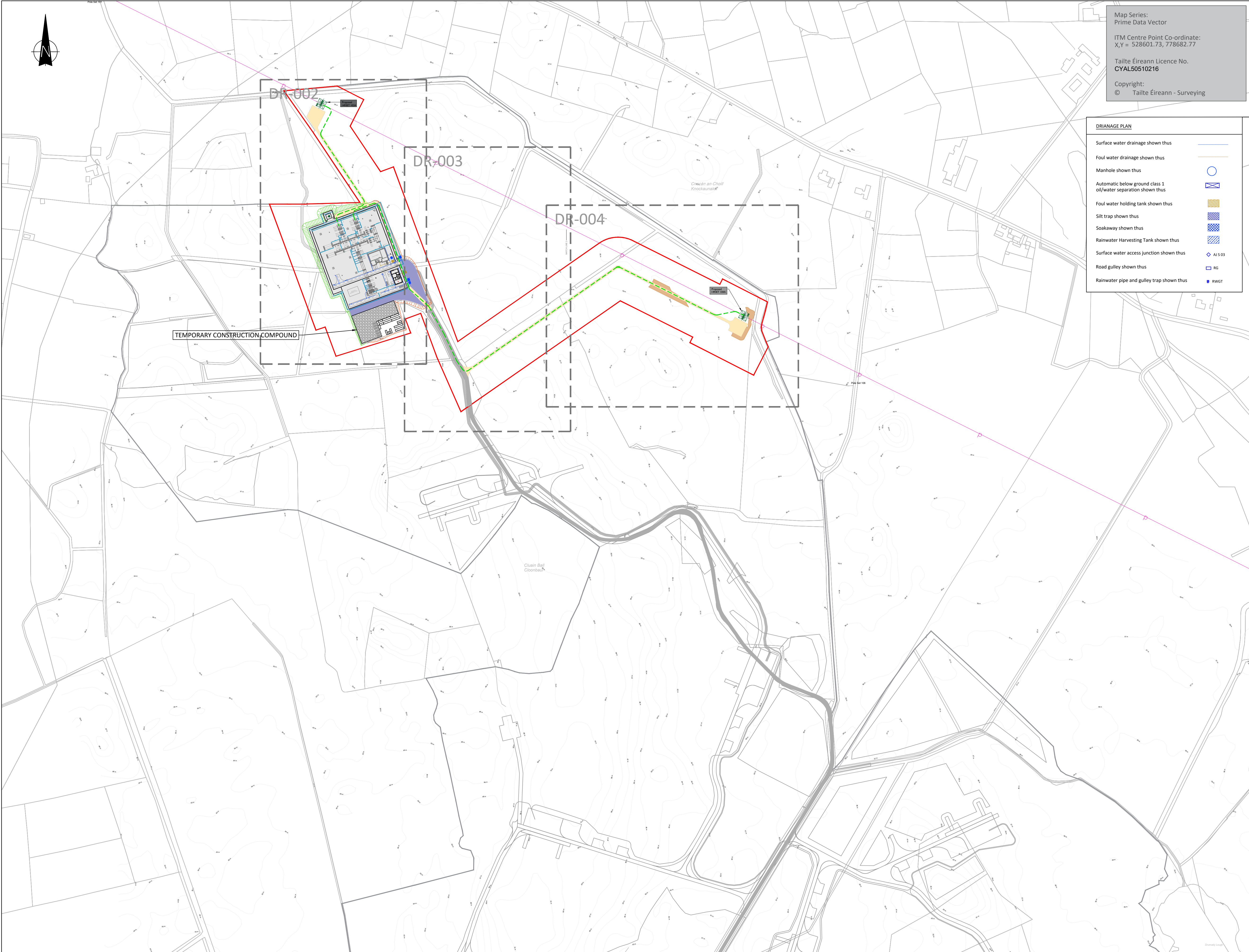
SIDE ELEVATION

PROJECT TITLE: Cunlaghfadda Green Energy Project			
DRAWING TITLE: Site Office & Staff Facilities Detail			
PROJECT No.: 220825	DRAWING No.: 220825GC - 04	SCALE: 1:50 @ A2	
DRAWN BY: FB	CHECKED BY: GO	DATE: 22.06.2026	REVISION.: P01



ISO A1 594mm x 841mm

Project Management Initials: Designer: MKM Checked: ER Approved: AC



Overall Site Layout Plan
Scale: 1:2500



Map Series:
Prime Data Vector

ITM Centre Point Co-ordinate:
X,Y = 528601.73, 778682.77

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DRAINAGE PLAN	
Surface water drainage shown thus	
Foul water drainage shown thus	
Manhole shown thus	
Automatic below ground class 1 oil/water separation shown thus	
Foul water holding tank shown thus	
Silt trap shown thus	
Soakaway shown thus	
Rainwater Harvesting Tank shown thus	
Surface water access junction shown thus	
Road gully shown thus	
Rainwater pipe and gully trap shown thus	

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PROJECT

Cunlaghfadda Green
Energy Project

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CONSULTANTS

NOTES: -

1. Layout and Arrangements of Substation Building and Electrical Equipment is shown indicatively and for illustration purposes only.
2. Dimensions shown are as per current Eirgrid Specifications at the time of submission. Dimensions may vary at time of construction to reflect any revisions to Eirgrid Specifications
3. Final Specifications of Buildings and Electrical Equipment is to be per Eirgrid and ESB Specifications
4. The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced

LEGEND: -

110kV Substation Infrastructure	
Proposed Access Track subject to separate Planning Application	
Proposed New Access Track (Permanent)	
Temporary Construction Tracks	
Proposed Felling Area	
Underground Cable	
Existing OHL	
Existing Pole	
Proposed End Mast	
Planning Boundary	
Contours shown thus	
Proposed Fill	
Proposed Cut	
Proposed Wind Farm subject to separate Planning Application	

ISSUE/REVISION

	DATE	DESCRIPTION
P6	18.06.26	Issued for Planning
P5	14.05.26	Issued for Planning
P4	05.05.26	Issued for Planning
P3	16.04.26	Issued for Planning
P2	19.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	26.01.24	Issued for Planning

PROJECT NUMBER

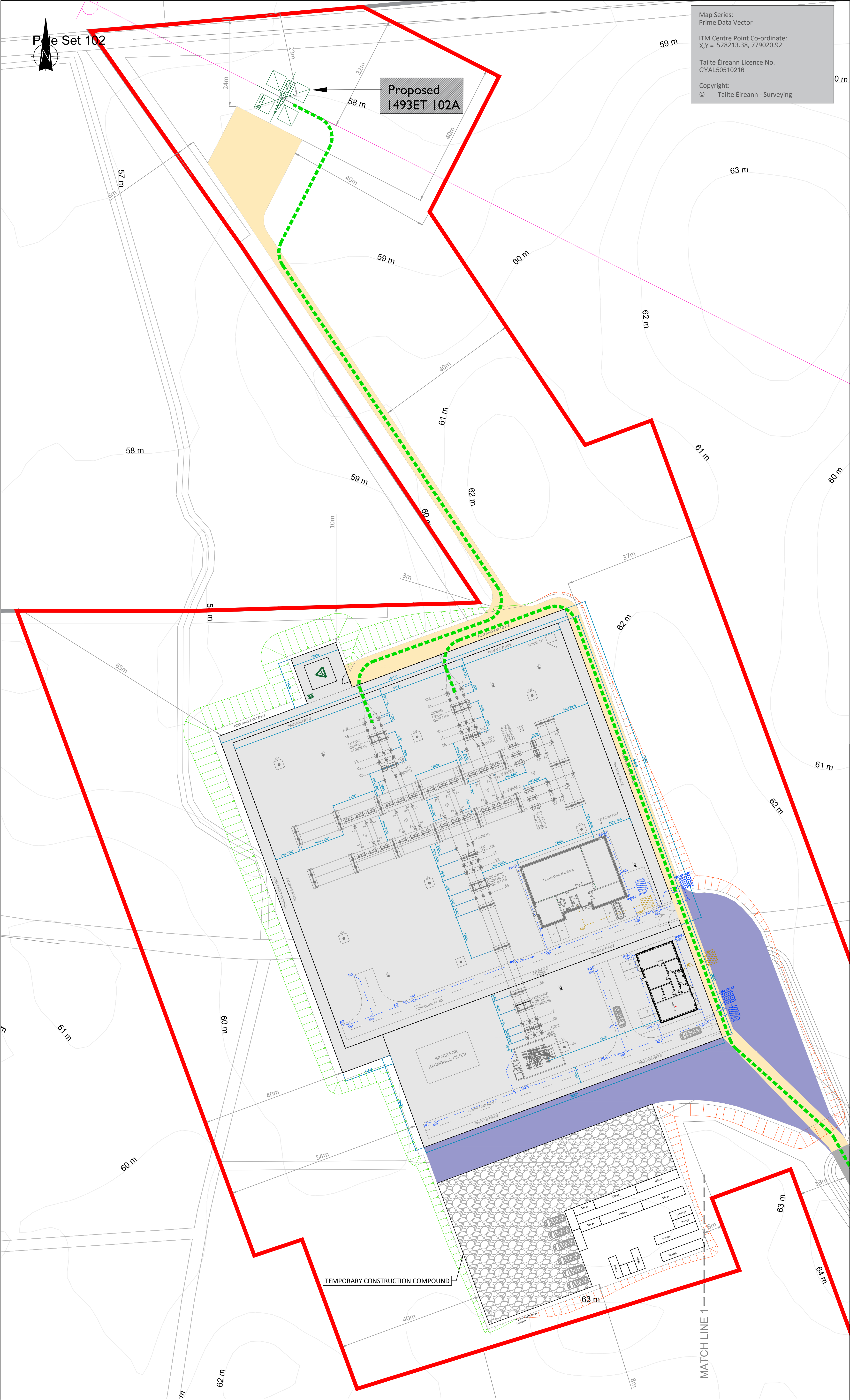
05-981

SHEET TITLE

Overall Site Layout Plan

SHEET NUMBER

05981-DR-001



Map Series:
Prime Data Vector

ITM Centre Point Co-ordinate:
X,Y = 528213.38, 779020.92

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LEGEND: -	
110kV Substation Infrastructure	
Proposed Access Track subject to separate Planning Application	
Proposed New Access Track (Permanent)	
Temporary Construction Tracks	
Underground Cable	
Existing OHL	
Existing Pole	
Proposed End Mast	
Planning Boundary	
Contours shown thus	56.231
Proposed Fill	
Proposed Cut	
Proposed Wind Farm subject to separate Planning Application	

DRAINAGE PLAN	
Surface water drainage shown thus	
Foul water drainage shown thus	
Manhole shown thus	
Automatic below ground class 1 oil/water separation shown thus	
Foul water holding tank shown thus	
Silt trap shown thus	
Soakaway shown thus	
Rainwater Harvesting Tank shown thus	
Surface water access junction shown thus	AJ S03
Road gully shown thus	RG
Rainwater pipe and gully trap shown thus	RWGT

- NOTES: -
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PROJECT

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ISSUE/REVISION		
P8	18.06.26	Issued for Planning
P7	14.05.26	Issued for Planning
P6	05.05.26	Issued for Planning
P5	16.04.26	Issued for Planning
P4	19.03.26	Issued for Planning
P3	09.01.26	Issued for Planning
P2	19.05.25	Issued for Planning
P1	04.04.24	Issued for Planning
IR	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

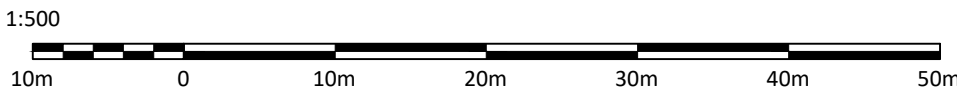
Site Layout Plan
Sheet 1 of 3

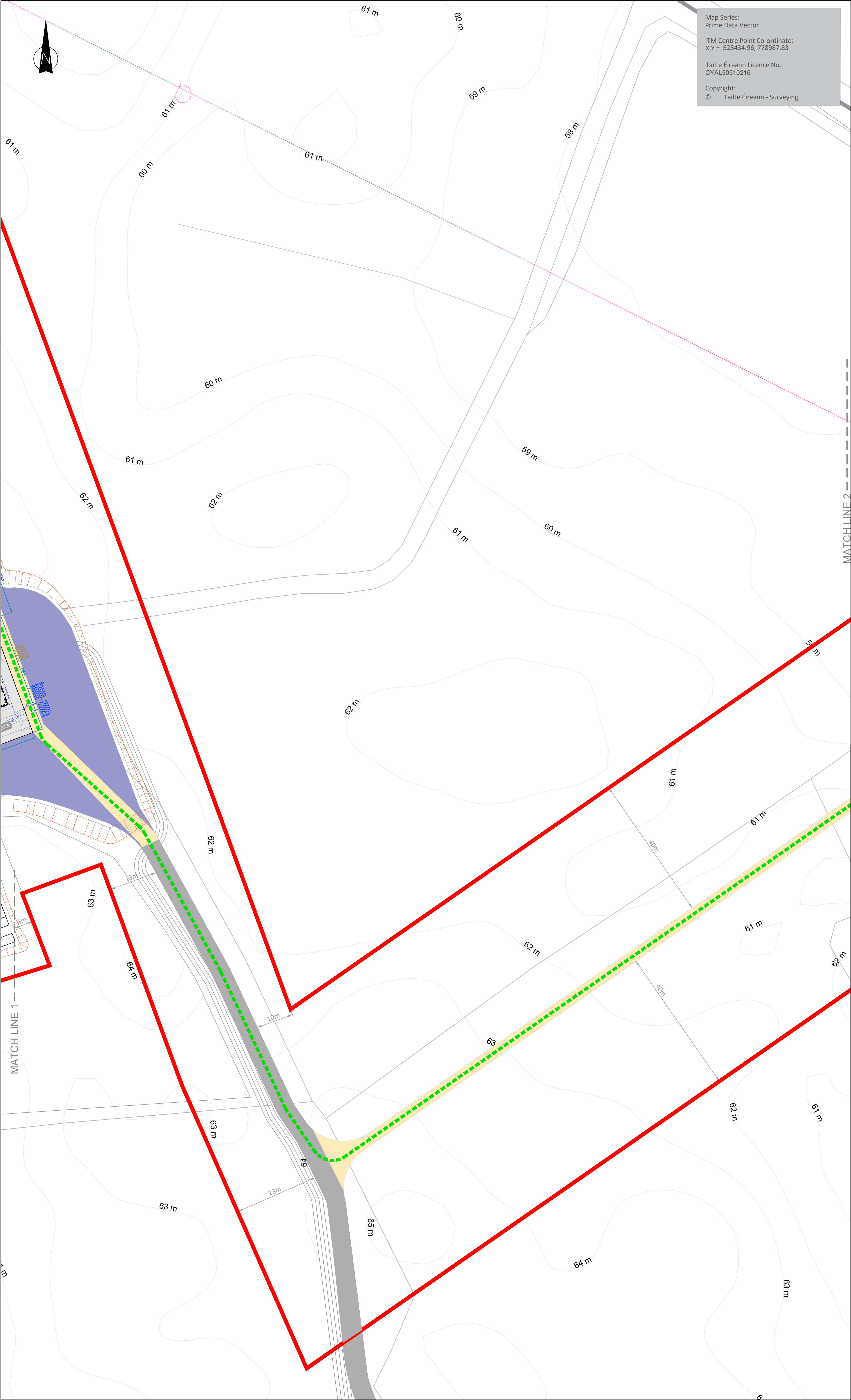
SHEET NUMBER

05981-DR-002

Site Layout Plan

Scale: 1:500





Map Series:
Prime Data Vector

ITM Centre Point Co-ordinate:
X,Y = 528434.96, 778987.83

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- LEGEND: -
- 110kV Substation Infrastructure
 - Existing OHL
 - Proposed Access Track
subject to separate
Planning Application
 - Proposed New Access Track
(Permanent)
 - Temporary Construction Tracks
 - Underground Cable
 - Existing Pole
 - Planning Boundary
 - Contours shown thus
 - Proposed Fill
 - Proposed Cut
 - Proposed Wind Farm
subject to separate
Planning Application

- DRAINAGE PLAN
- Surface water drainage shown thus
 - Foul water drainage shown thus
 - Manhole shown thus
 - Automatic below ground class 1
oil/water separation shown thus
 - Foul water holding tank shown thus
 - Silt trap shown thus
 - Soakaway shown thus
 - Rainwater Harvesting Tank shown thus
 - Surface water access junction shown thus
 - Road gully shown thus
 - Rainwater pipe and gully trap shown thus

- NOTES: -
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 - The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced

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ISSUE/REVISION		
P7	18.06.26	Issued for Planning
P6	14.05.26	Issued for Planning
P5	05.05.26	Issued for Planning
P4	16.04.26	Issued for Planning
P3	19.03.26	Issued for Planning
P2	09.01.26	Issued for Planning
P1	04.04.24	Issued for Planning
P0	26.01.24	Issued for Planning
IR	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

Site Layout Plan
Sheet 2 of 3

SHEET NUMBER

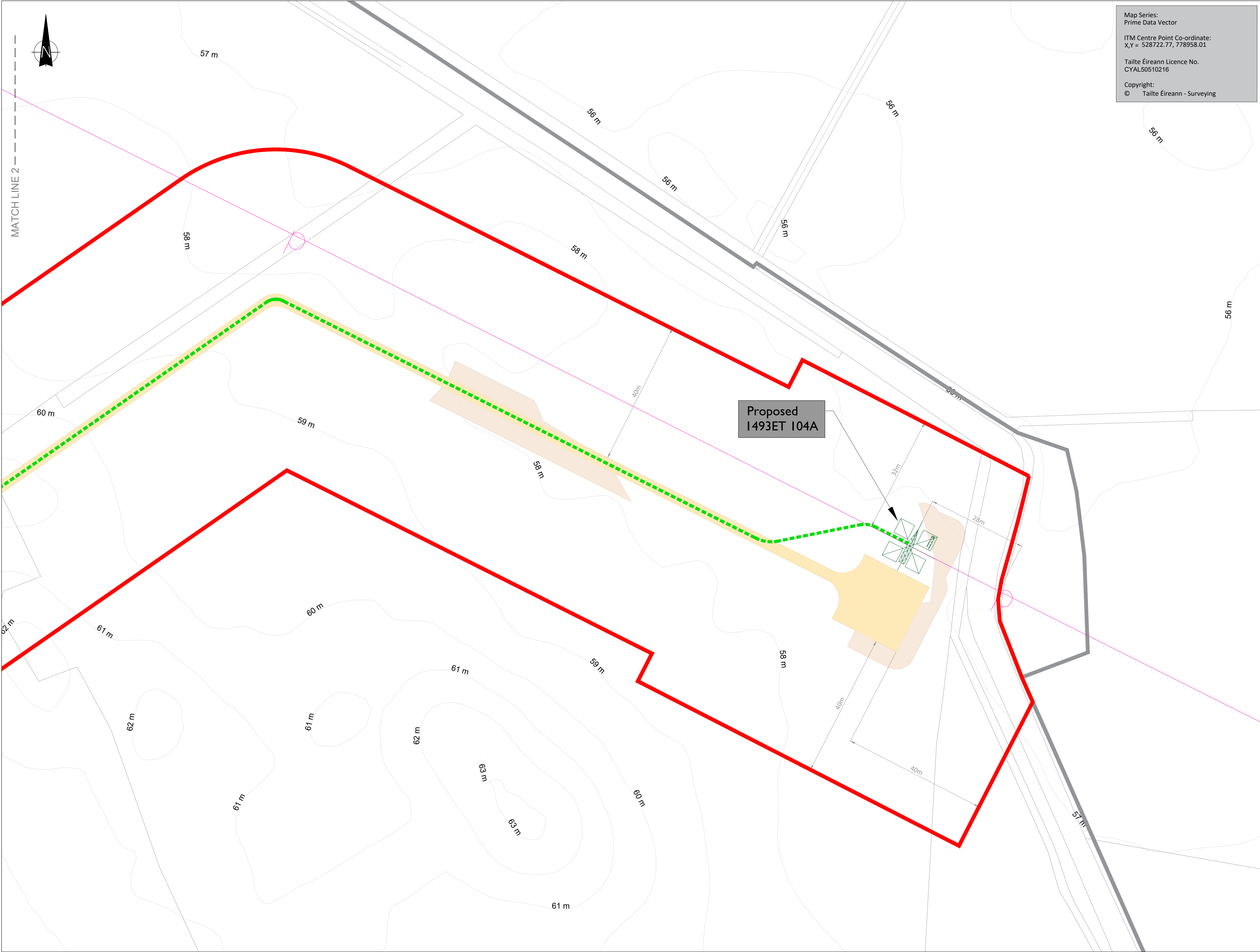
05981-DR-003

Site Layout Plan
Scale: 1:500



ISO A1 594mm x 841mm

Project Management Initials: Designer: MKM Checked: ER Approved: AC



Map Series:
Prime Data Vector

ITM Centre Point Co-ordinate:
X,Y = 528722.77, 778958.01

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LEGEND: -

- Proposed New Access Track (Permanent)
- Proposed Felling Area
- Underground Cable
- Existing OHL
- Proposed End Mast
- Planning Boundary
- Contours shown thus
- Propose Wind Farm subject to separate Planning Application

ISSUE/REVISION

	DATE	DESCRIPTION
P7	14.05.26	Issued for Planning
P6	05.05.26	Issued for Planning
P5	16.04.26	Issued for Planning
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P3	09.01.26	Issued for Planning
P1	04.04.24	Issued for Planning
P0	26.01.24	Issued for Planning

PROJECT NUMBER

05-981

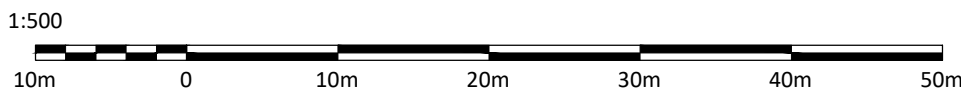
SHEET TITLE

Site Layout Plan
Sheet 3 of 3

SHEET NUMBER

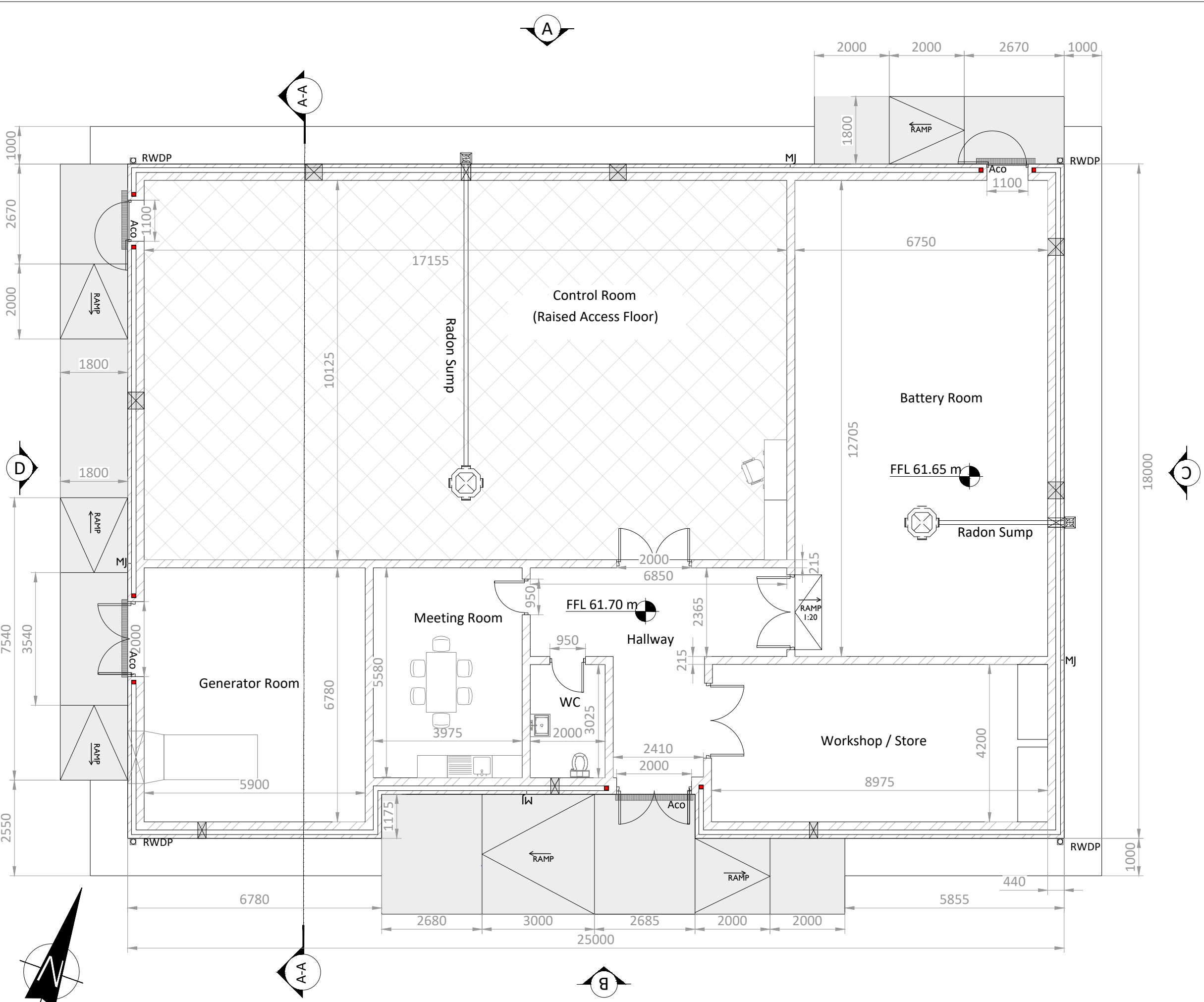
05981-DR-004

Site Layout Plan
Scale: 1:500



ISO A1 594mm x 841mm

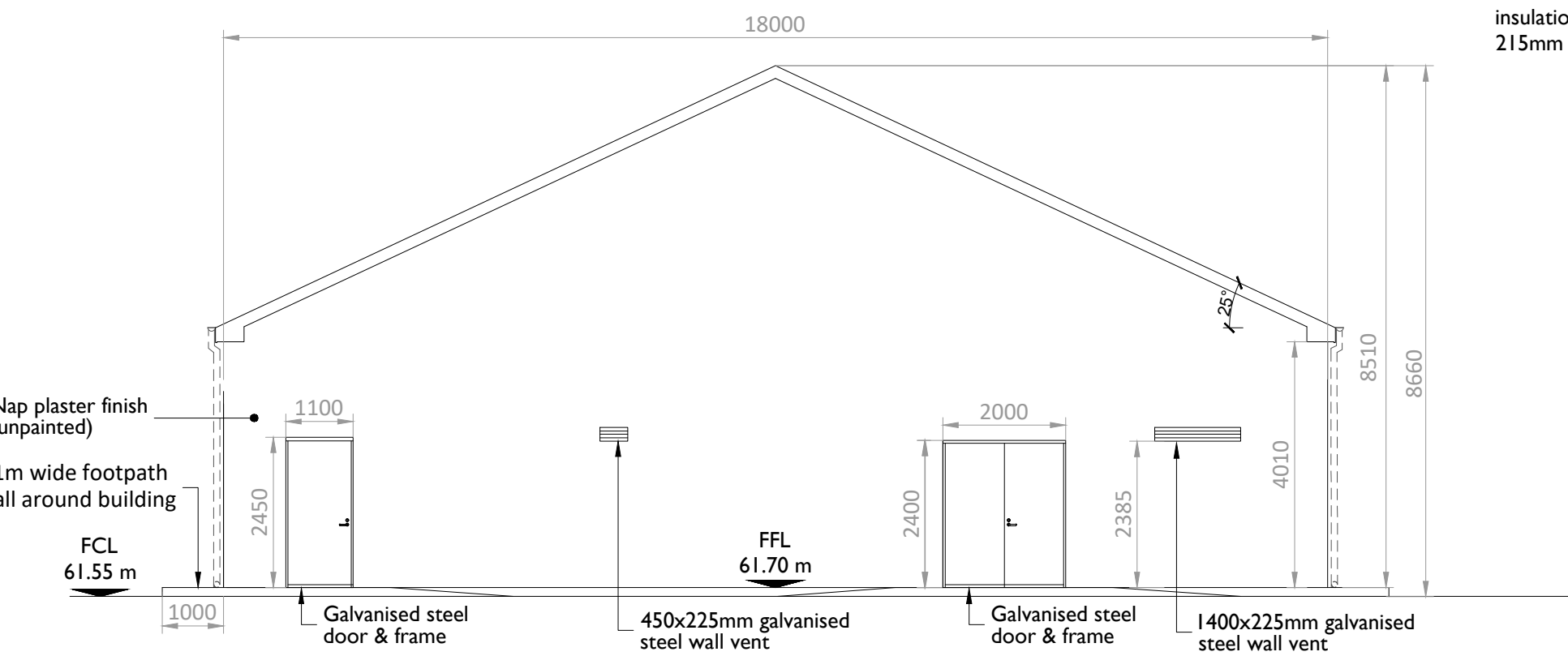
Project Management Initials: Designer: JC Checked: AB Approved: GH



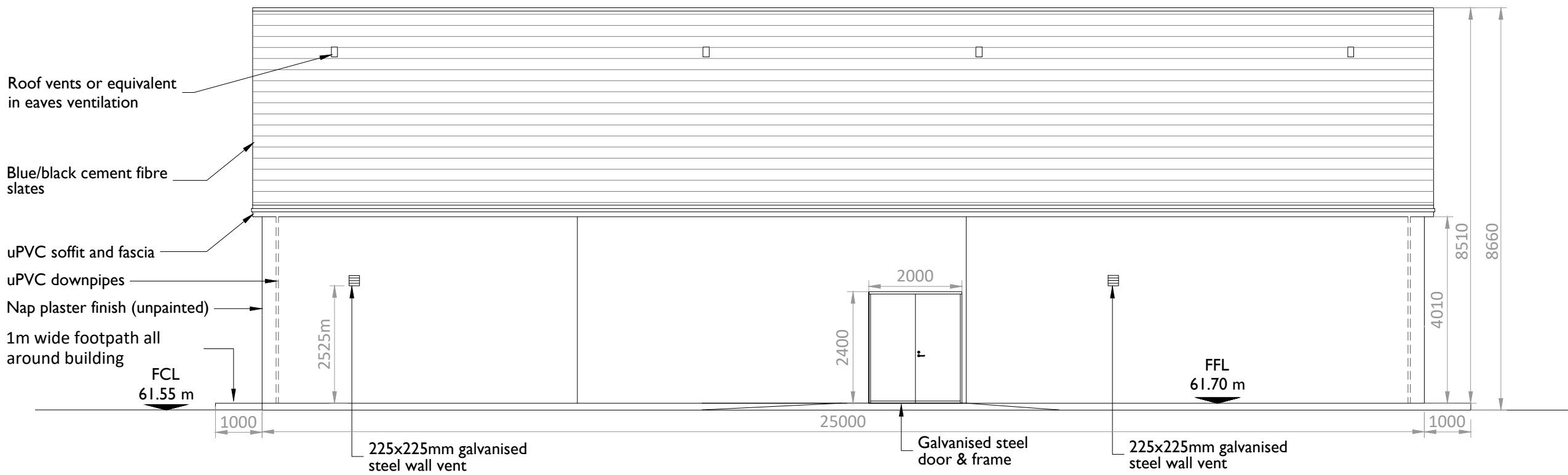
PLAN - CONTROL BUILDING
Scale : 1:100



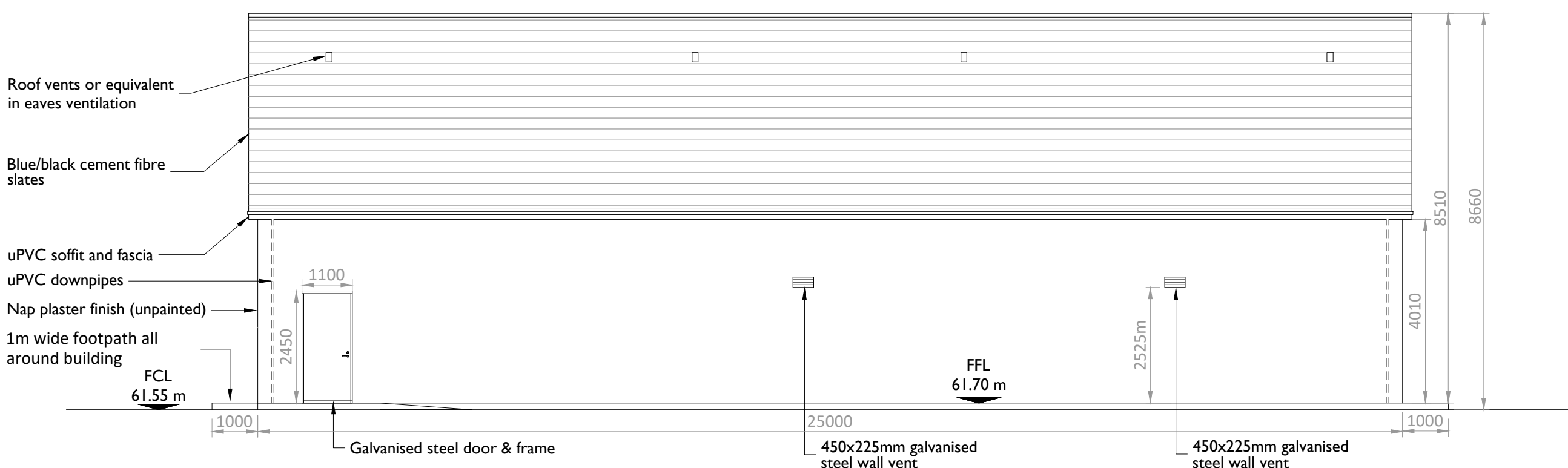
ELEVATION C
Scale : 1:100



ELEVATION D
Scale : 1:100



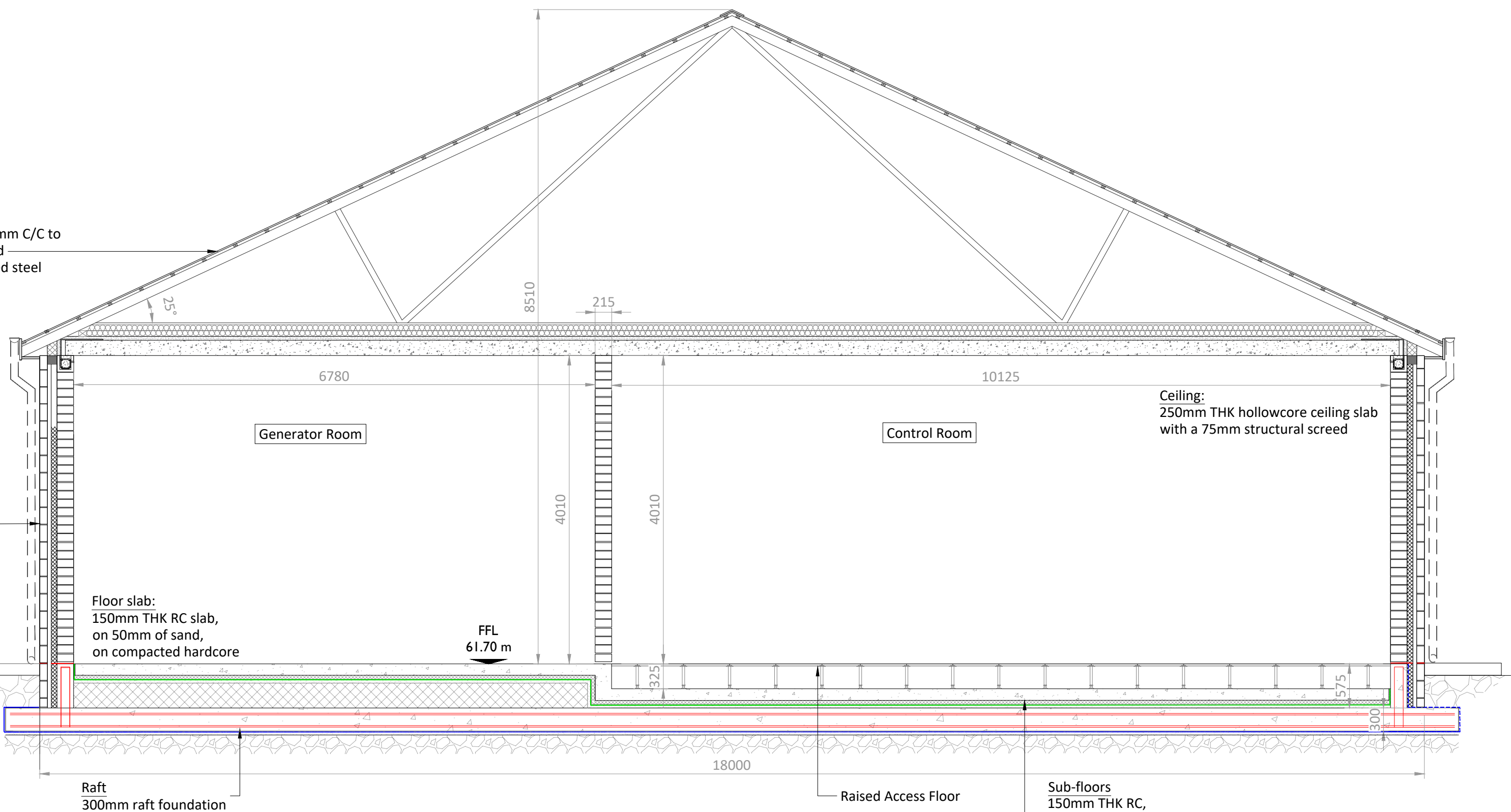
ELEVATION B
Scale : 1:100



ELEVATION A
Scale : 1:100

Roof construction:
Prefabricated roof trusses at 400mm C/C to specialist design fixed to walls and hollowcore ceiling using galvanised steel straps and hold down bolts

External wall construction
100mm thick outer leaf, 110mm thick cavity with 70mm Kooltherm K108 cavity insulation or similar approved, 215mm thick inner leaf



SECTION A-A
Scale : 1:50

PROJECT

Cunlaghfadda Green
Energy Project

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- The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced.

LEGEND: -

Finished Floor Level shown thus	FFL 61.70
Finished Compound Level shown thus	FCL 61.55

ISSUE/REVISION

P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	07.02.24	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

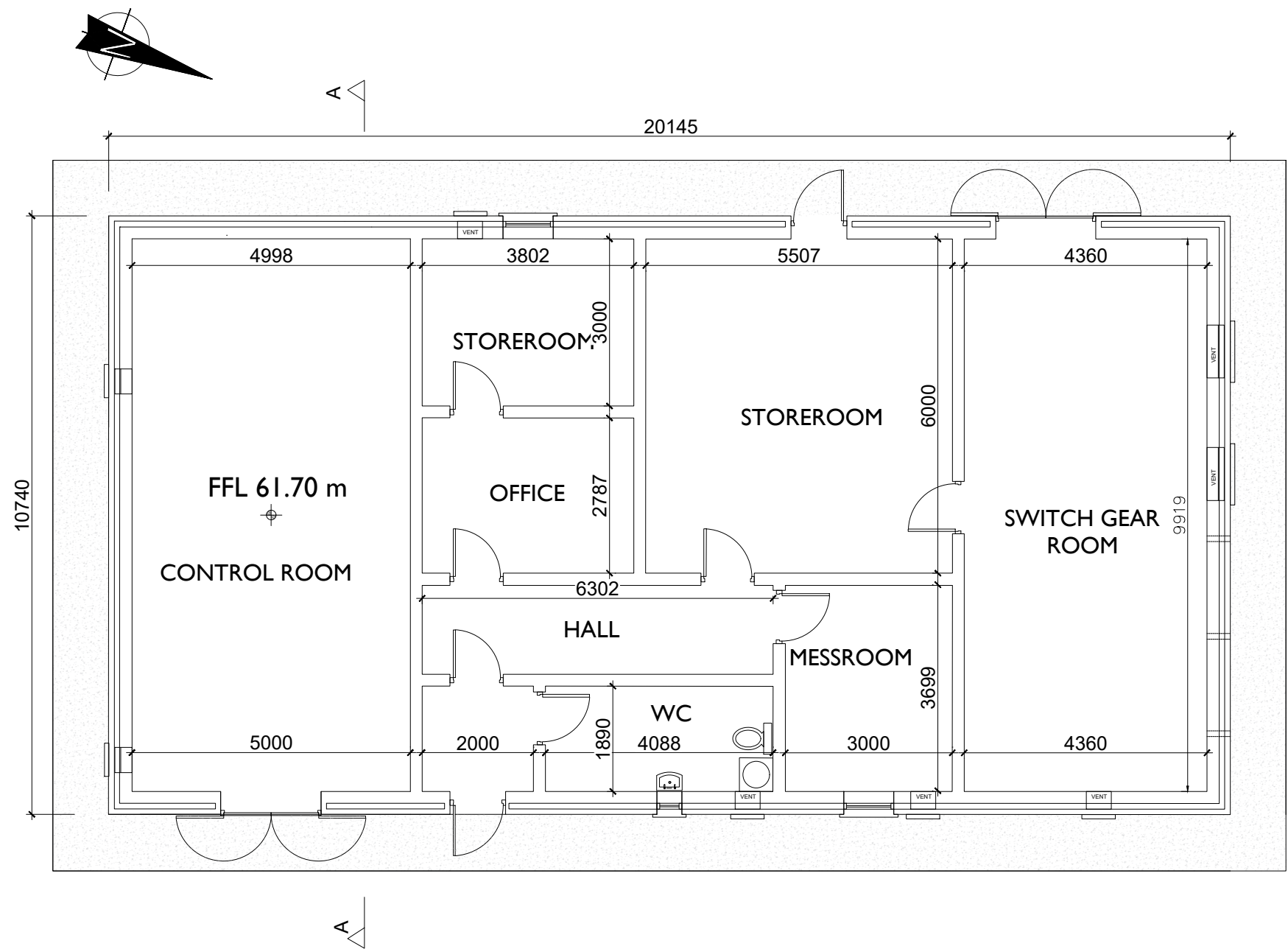
Eirgrid Control Building Plan, Elevations and Section

SHEET NUMBER

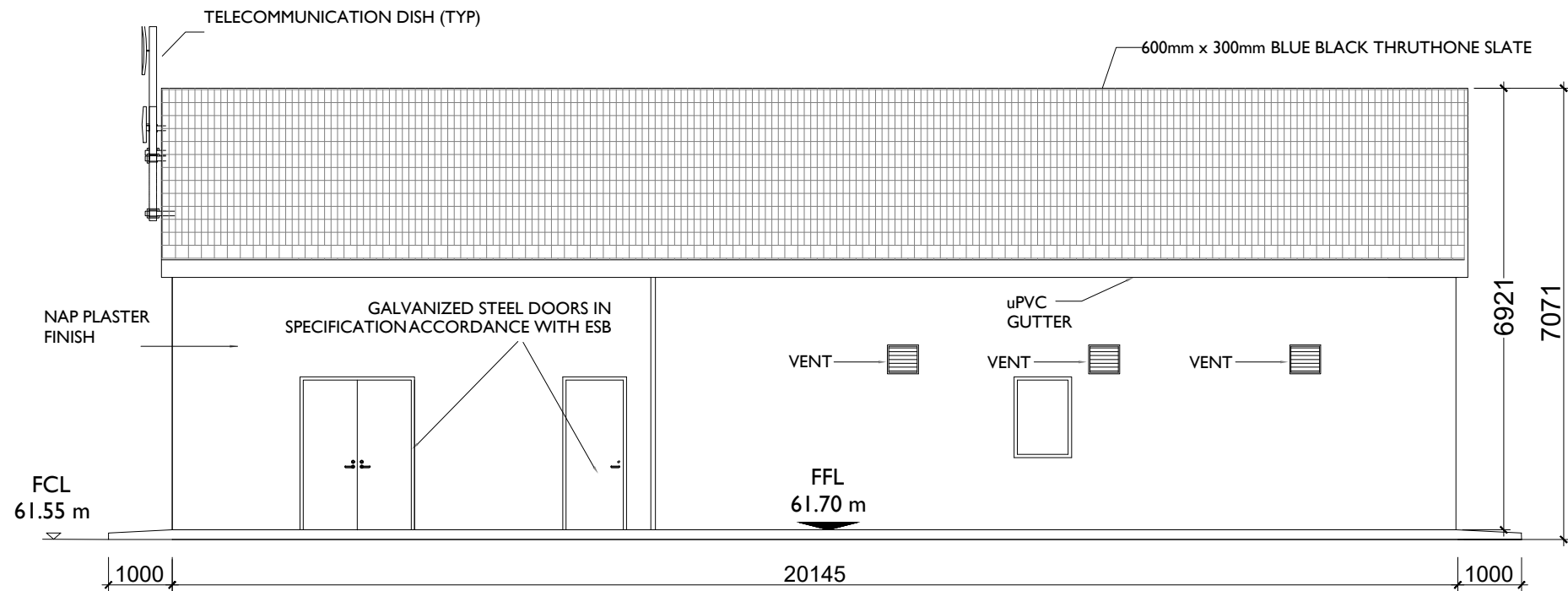
05981-DR-101

ISO A1 594mm x 841mm

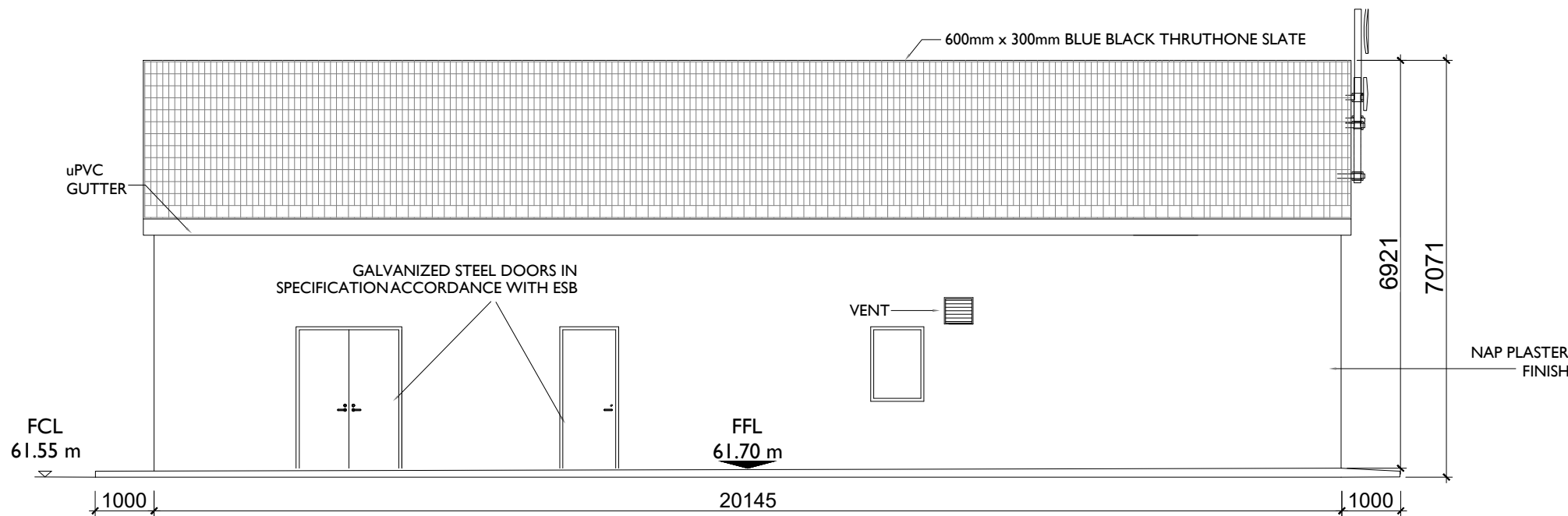
Project Management Initials: Designer: JC Checked: AB Approved: GH



PLAN - CONTROL BUILDING
Scale : 1:100

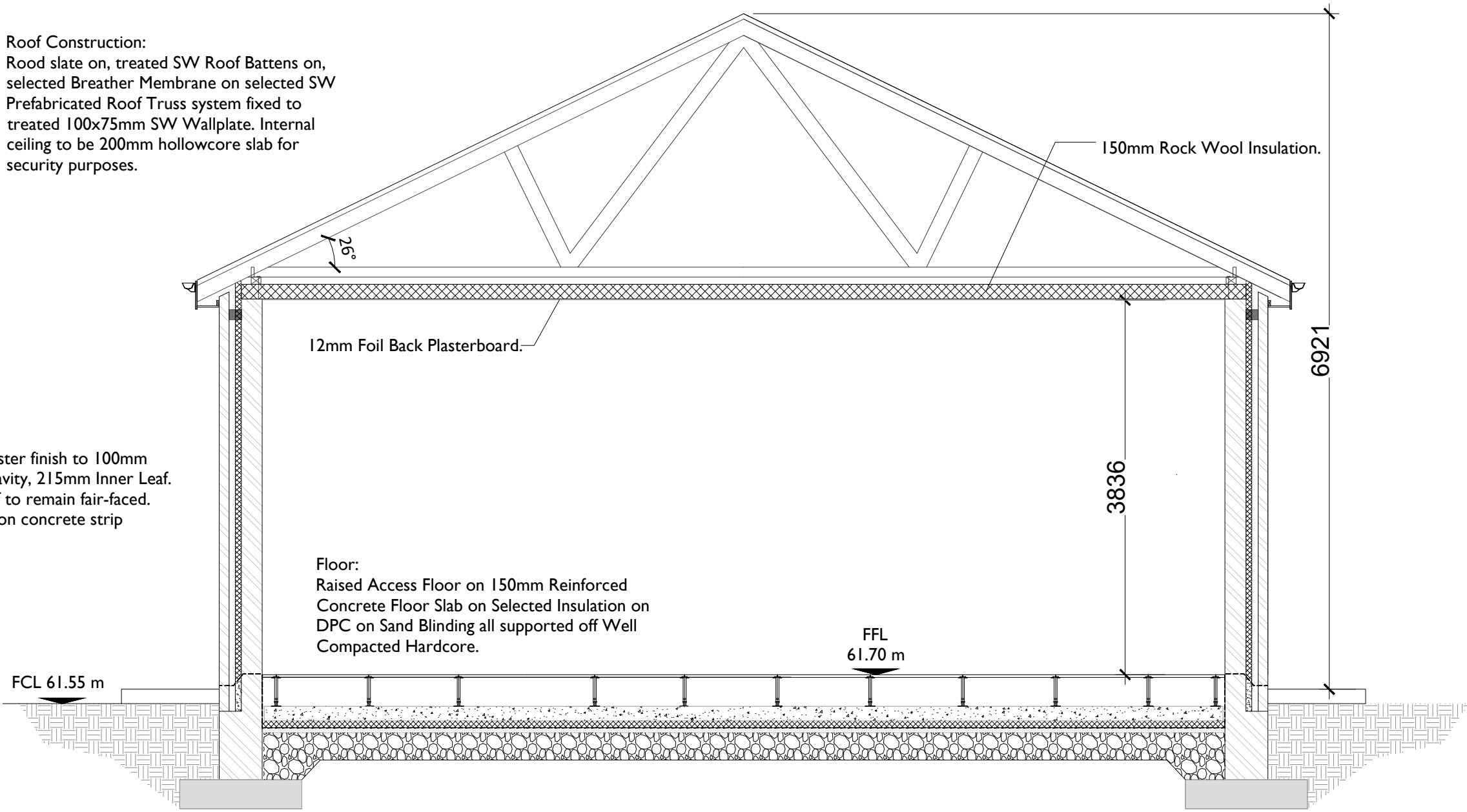


SOUTH WEST ELEVATION
Scale : 1:100

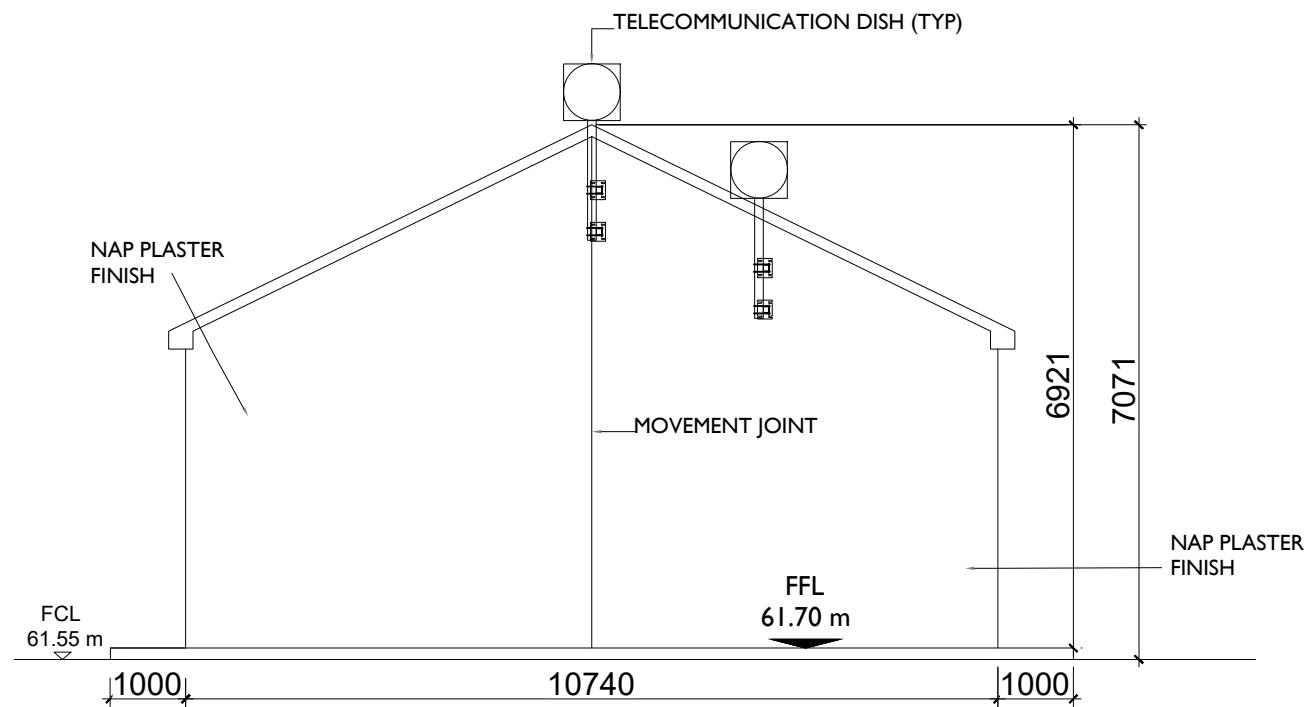


NORTH EAST ELEVATION
Scale : 1:100

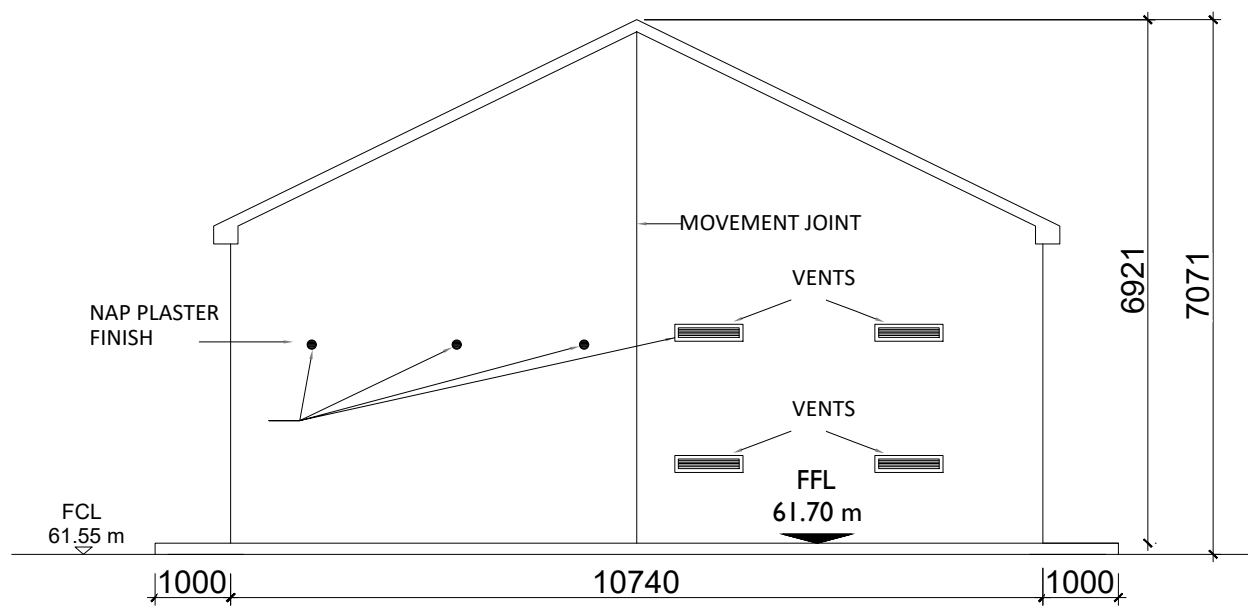
Cavity Wall:
Flat Sand / Cement Plaster finish to 100mm
Outer Leaf, 100mm Cavity, 215mm Inner Leaf.
Inside face of inner leaf to remain fair-faced.
Cavity wall supported on concrete strip foundation.



SECTION A-A
Scale : 1:50



SOUTH EAST ELEVATION
Scale : 1:100



NORTH WEST ELEVATION
Scale : 1:100

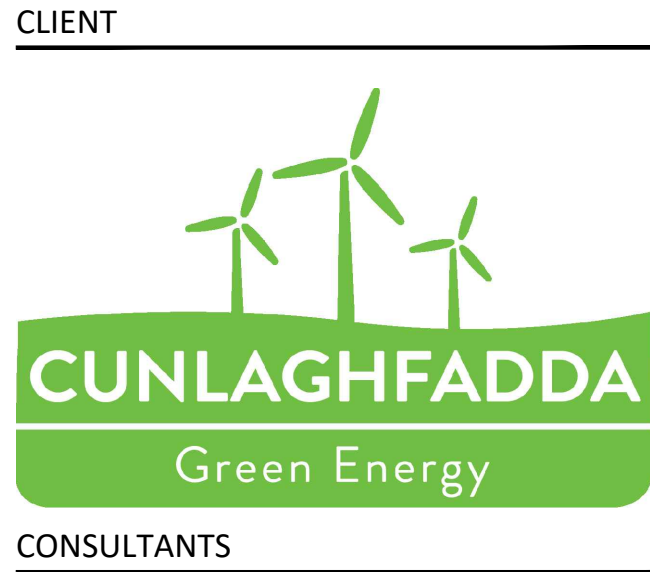


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PROJECT

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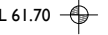
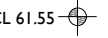


CONSULTANTS

NOTES: -

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4. The Elevation of the Compound will be depicted by localized Topography such that Cut/Fill Earthworks associated with the construction of the Compound are balanced.

LEGEND: -

Finished Floor Level shown thus  FFL 61.70
Finished Compound Level shown thus  FCL 61.55

ISSUE/REVISION

P3	11.03.26	Issued for Planning
P2	09.01.26	Issued for Planning
P1	19.05.25	Issued for Planning
P0	07.02.24	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

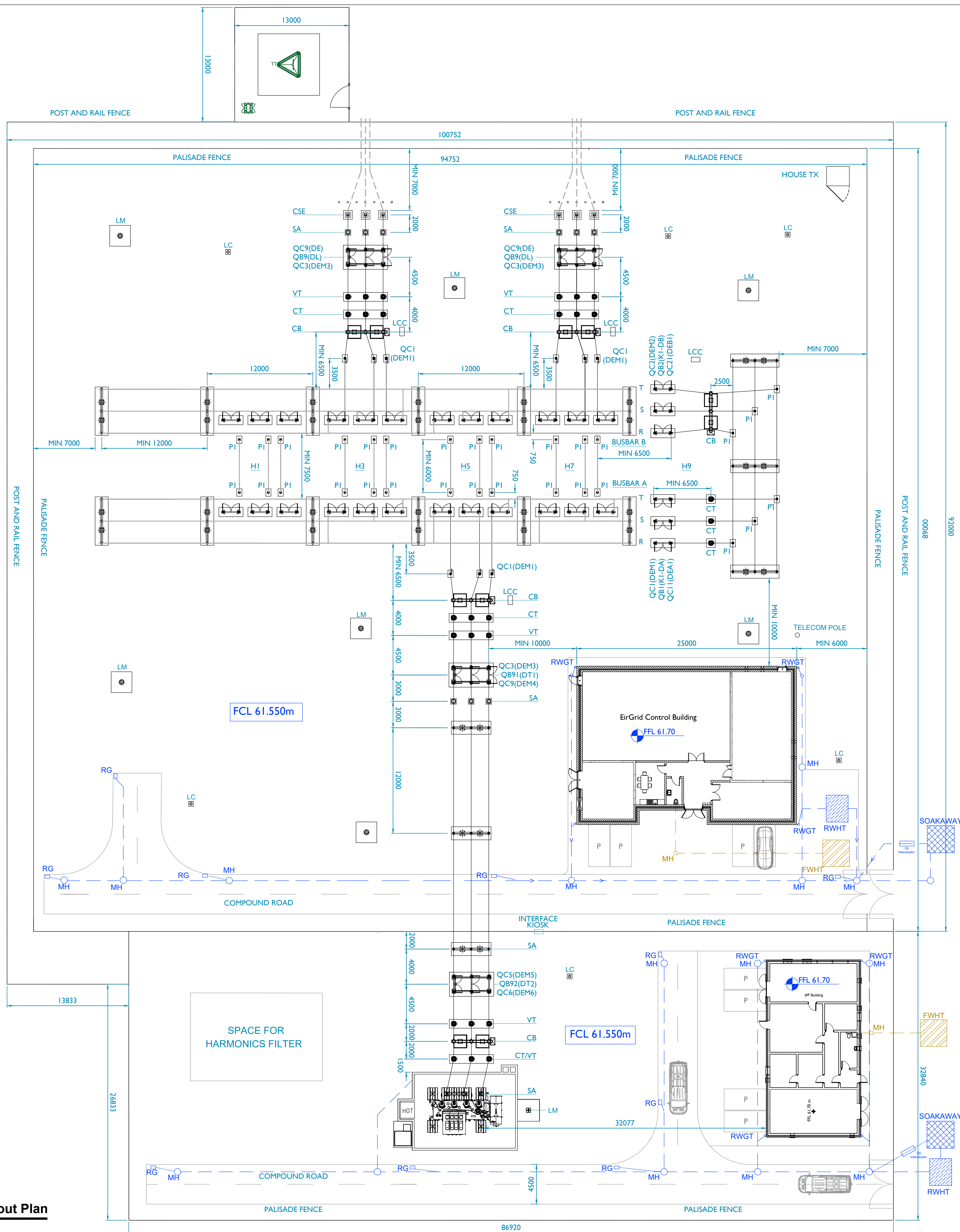
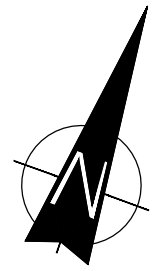
05-981

SHEET TITLE

IPP Building Plan, Elevations
and Section

SHEET NUMBER

05981-DR-102



Substation Layout Plan

Scale: 1:250

DRIANAGE PLAN

Surface water drainage shown thus	
Foul water drainage shown thus	
Manhole shown thus	
Automatic below ground class 1 oil/water separation shown thus	
Foul water holding tank shown thus	
Silt trap shown thus	
Soakaway shown thus	
Rainwater Harvesting Tank shown thus	
Surface water access junction shown thus	 AJ S 03
Road gully shown thus	 RG
Rainwater pipe and gully trap shown thus	 RWGT

Item	Description
CSE	Cable Sealing End
SA	Surge Arrester
DL/DE	Line / Earth Disconnect
VT	Voltage Transformer
CT	Current Transformer
CB	Circuit Breaker
BD	Busbar Disconnect
PI	Post Insulator
LM	Lightning Mast
LCC	Local Control Cabinet
IK	Interface Kiosk
DG	Diesel Generator
HT	House Transformer
MH	Manhole
TT	Telecommunications Tower
RWHT	Rainwater Harvesting Tank

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LEGEND: -

ISSUE/REVISION

P6	18.06.26	Issued for Planning
P5	14.05.26	Issued for Planning
P4	17.04.26	Issued for Planning
P3	11.03.26	Issued For Planning
P2	09.01.26	Issued For Planning
P1	19.06.2025	Issued For Planning
P0	07.02.24	Issued For Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

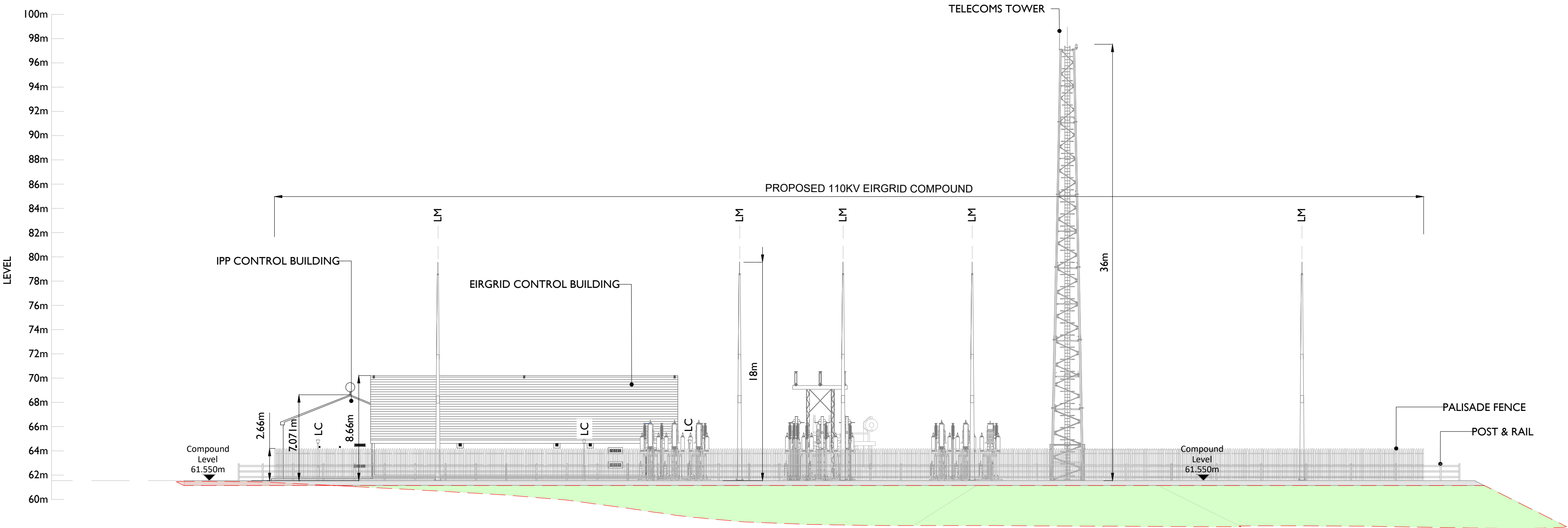
Substation Layout Plan

SHEET NUMBER

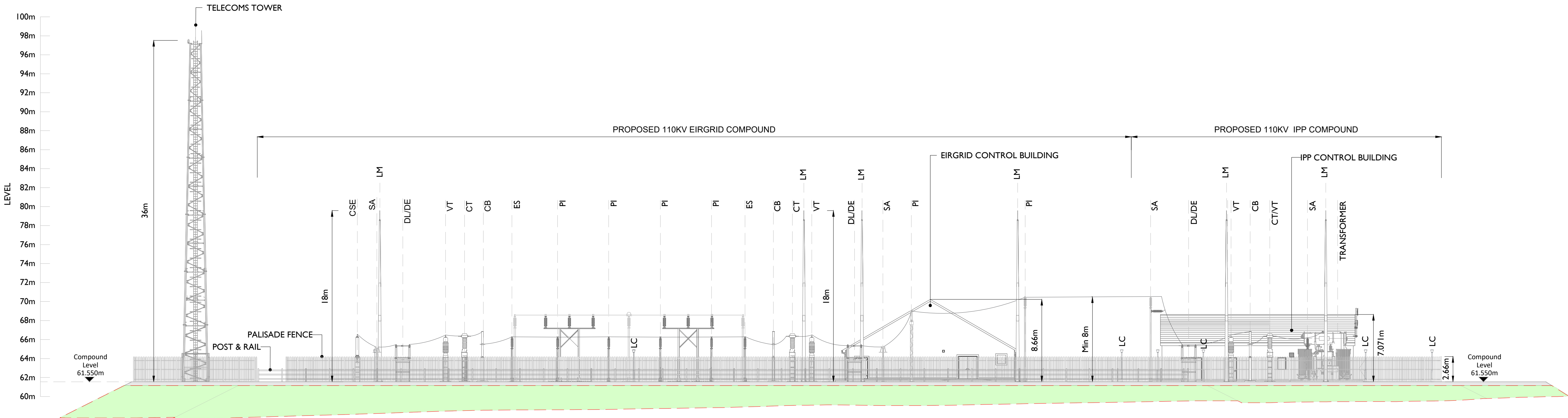
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ISO A1 594mm x 841mm

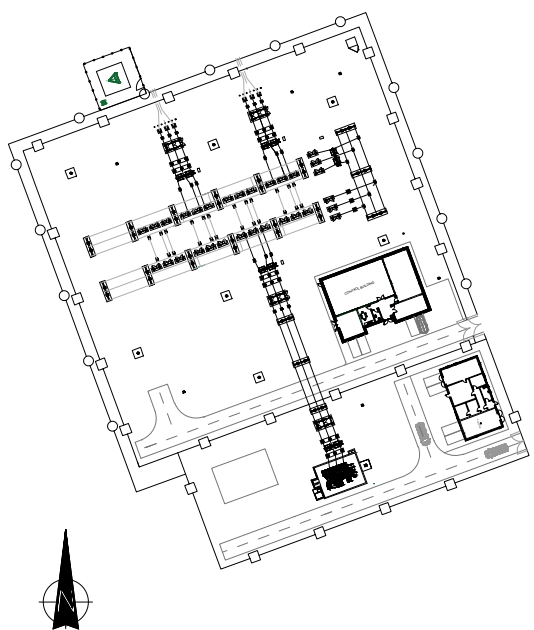
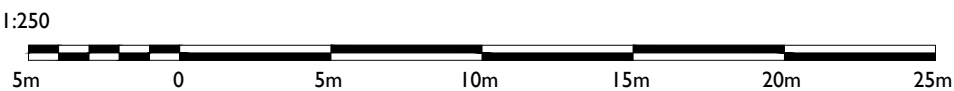
Project Management Initials: Designer: JF Checked: ER Approved: AC



North Elevation
Scale: 1:250



West Elevation
Scale: 1:250



Key Plan
Scale: 1:2000



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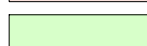


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LEGEND: -

Cut Earthworks shown thus	
Fill Earthworks shown thus	

	Description
CSE	Cable Sealing End.
SA	Surge Arrester.
DL/DE	Line / Earth Disconnect.
VT	Voltage Transformer.
CT	Current Transformer.
CB	Circuit Breaker.
LM	Lightning Mast.
LC	Lighting Column.
PI	Post Insulator.
ES	Earth Switch

ISSUE/REVISION

P3	17.04.26	Issued for Planning
P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
N1	23.05.25	Issued for Information
P0	12.02.24	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

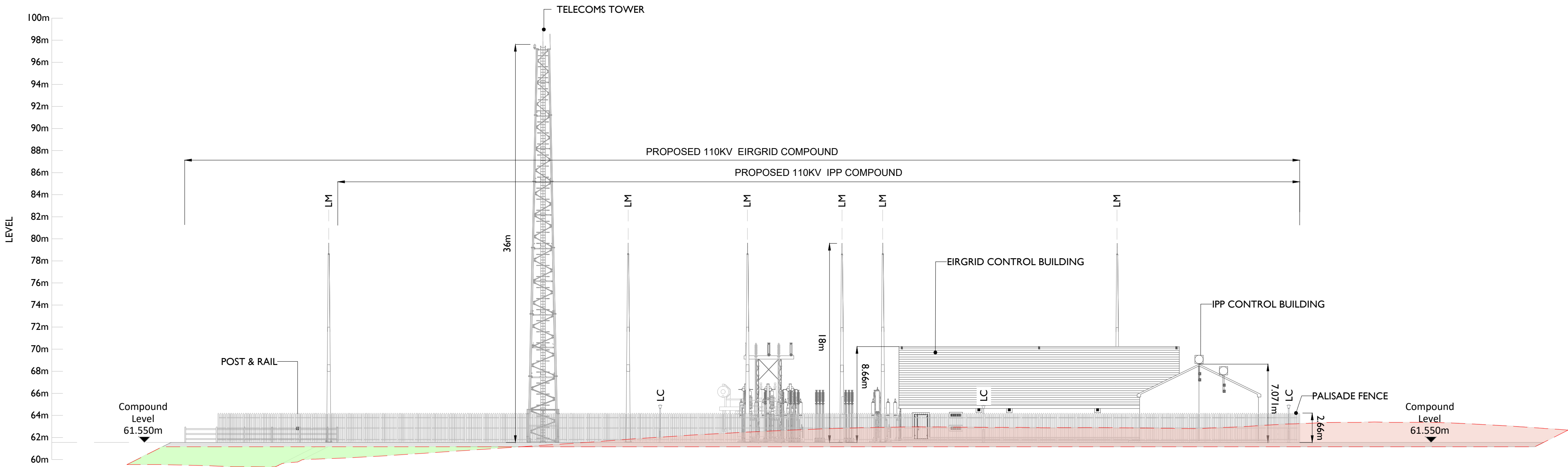
Substation Elevations
Sheet 1 of 2

SHEET NUMBER

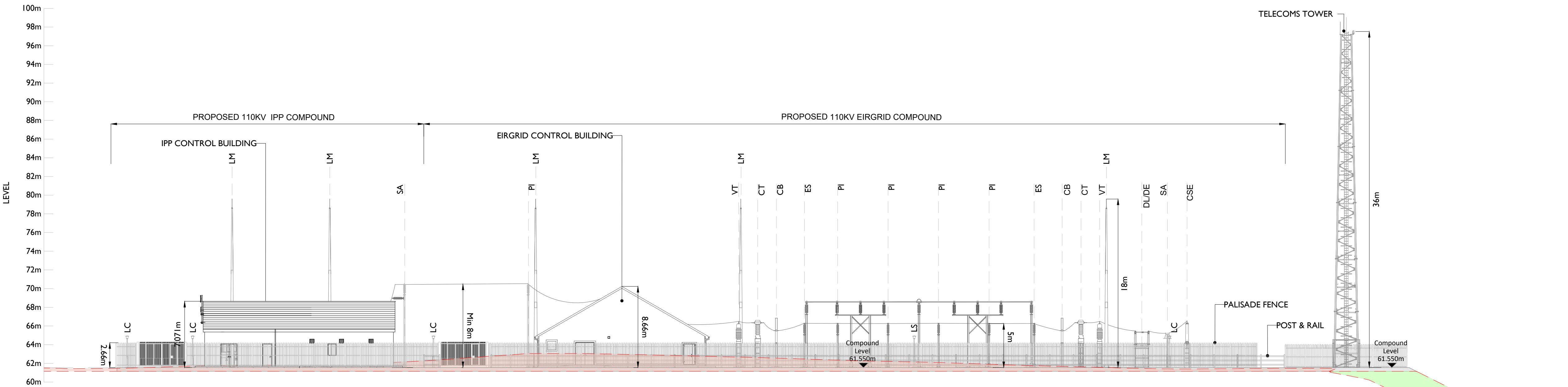
05981-DR-104

ISO A1 594mm x 841mm

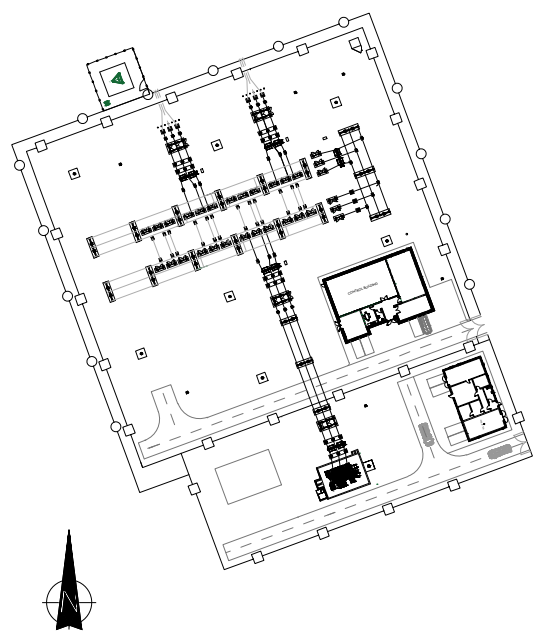
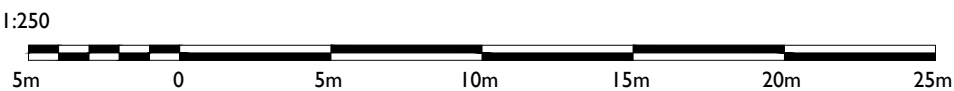
Project Management Initials: Designer: JF Checked: ER Approved: AC



South Elevation
Scale: 1:250



East Elevation
Scale: 1:250



Key Plan
Scale: 1:2000



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LEGEND: -

Cut Earthworks shown thus	
Fill Earthworks shown thus	

	Description
CSE	Cable Sealing End.
SA	Surge Arrester.
DLDE	Line / Earth Disconnect.
VT	Voltage Transformer.
CT	Current Transformer.
CB	Circuit Breaker.
LM	Lightning Mast.
LC	Lighting Column.
PI	Post Insulator.
ES	Earth Switch

ISSUE/REVISION

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P1	09.01.26	Issued for Planning
P0	13.06.25	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

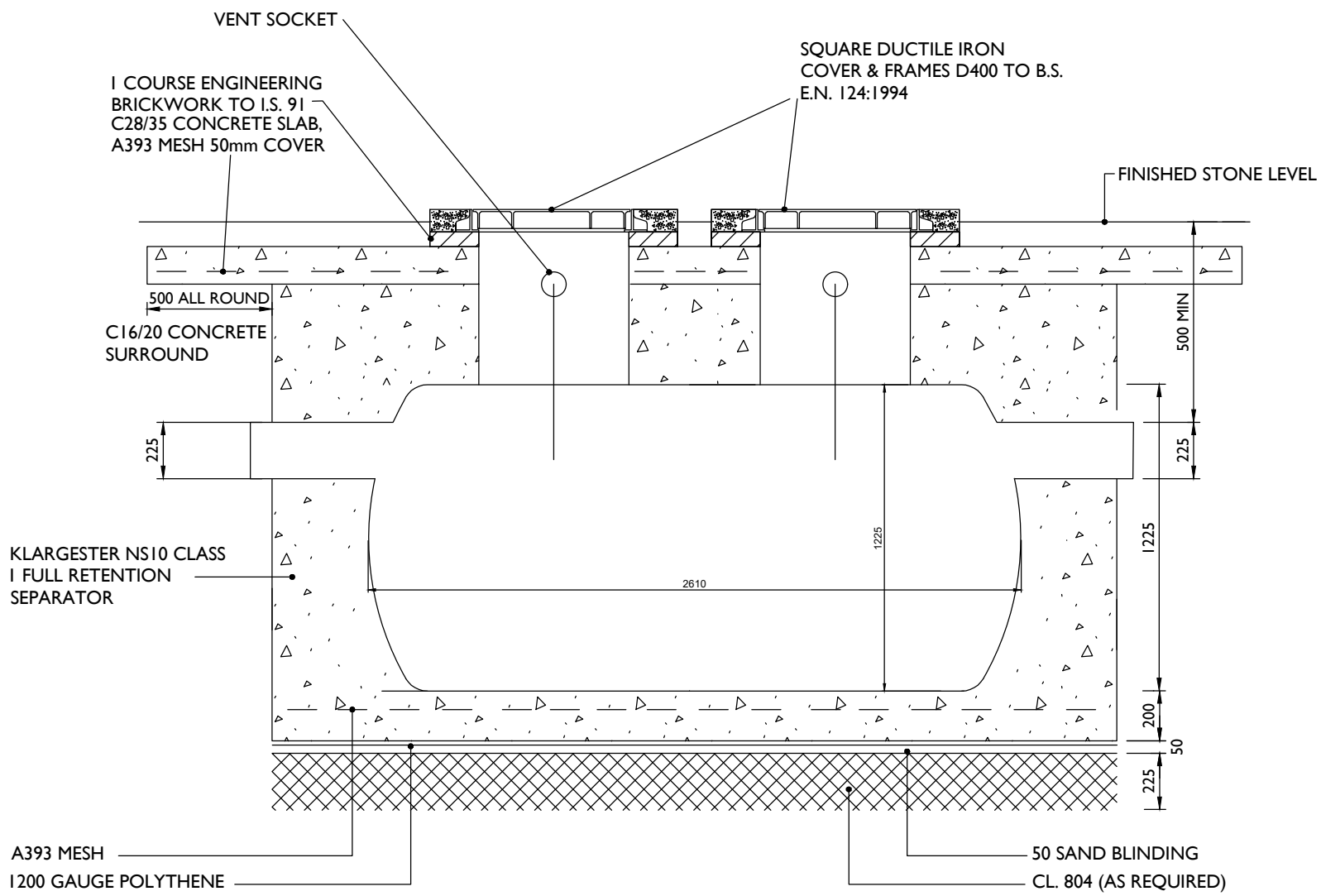
Substation Elevations
Sheet 2 of 2

SHEET NUMBER

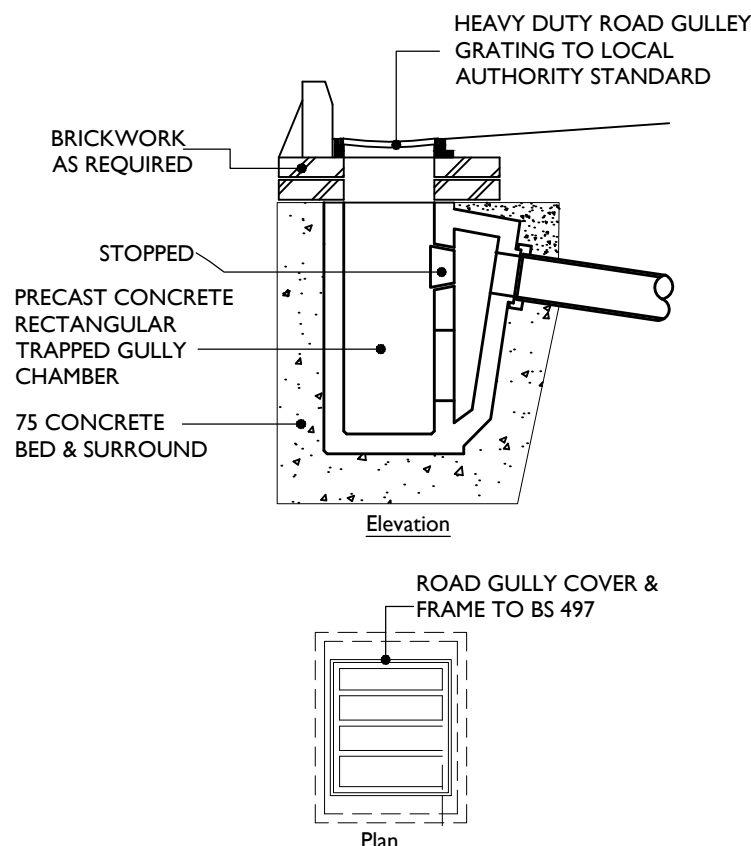
05981-DR-105

ISO A1 894mm x 841mm

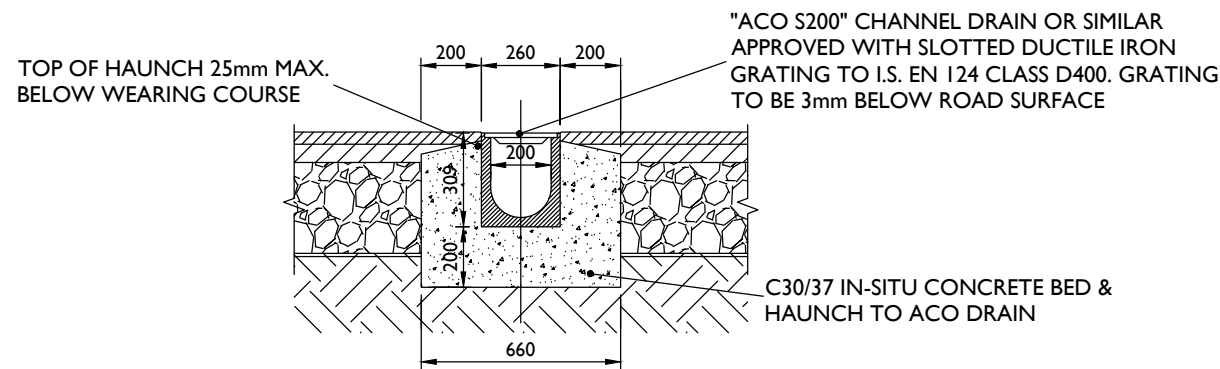
Project Management Initials: Designer: JF Checked: ER Approved: AC



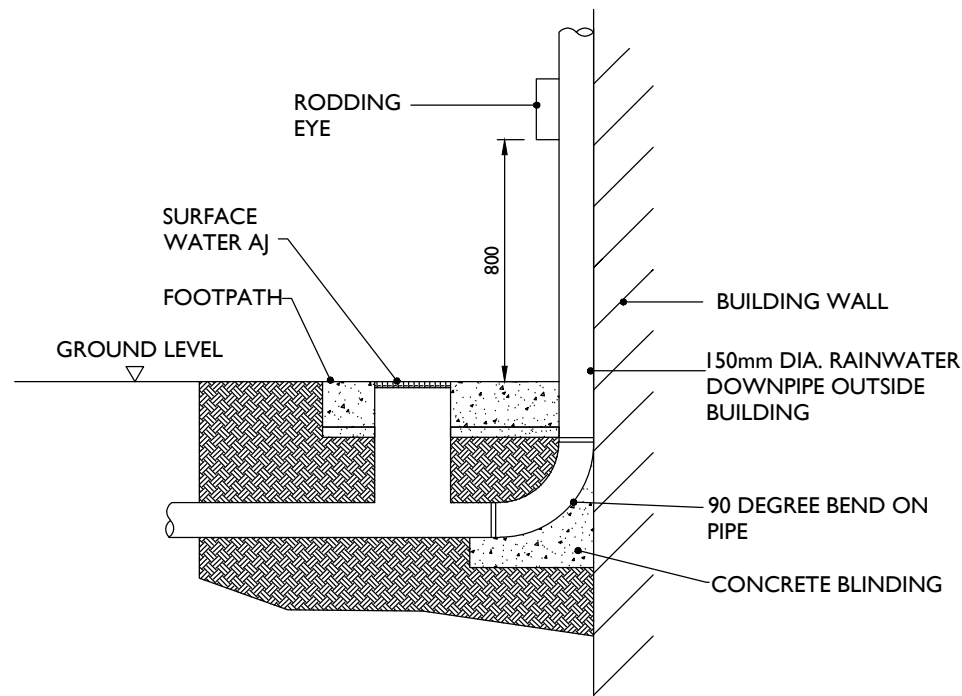
SECTION THROUGH CLASS I FULL RETENTION SEPERATOR
SCALE 1:25



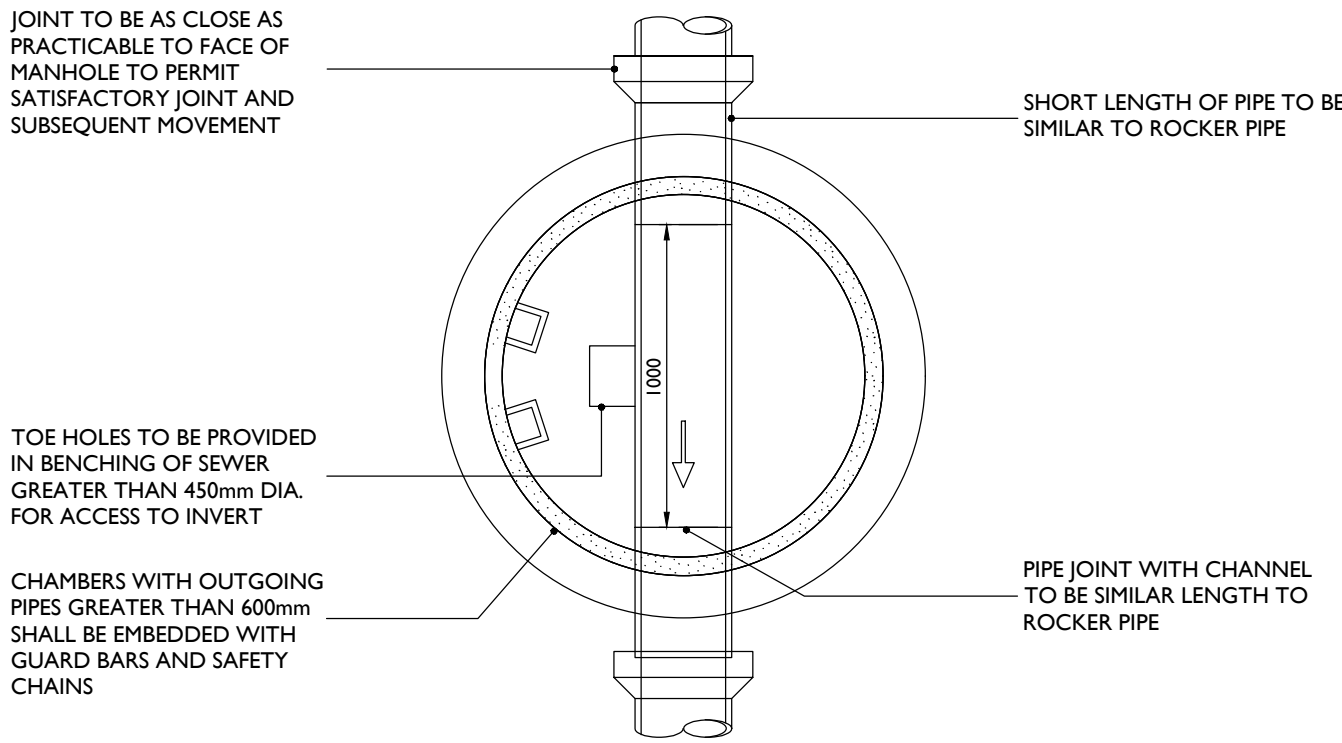
ROAD GULLEY DETAIL
SCALE 1:25



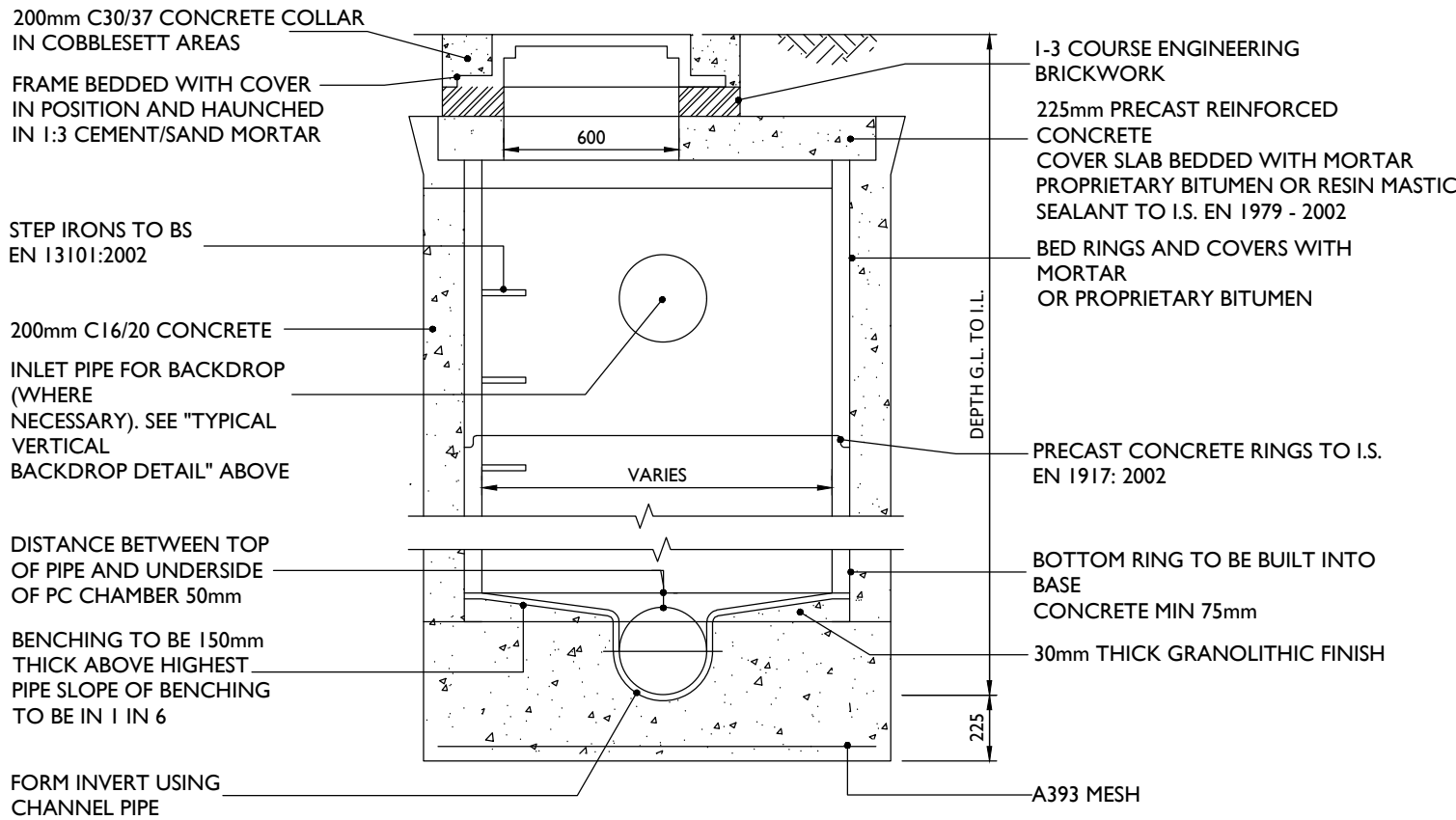
CHANNEL DRAIN DETAIL
SCALE 1:25



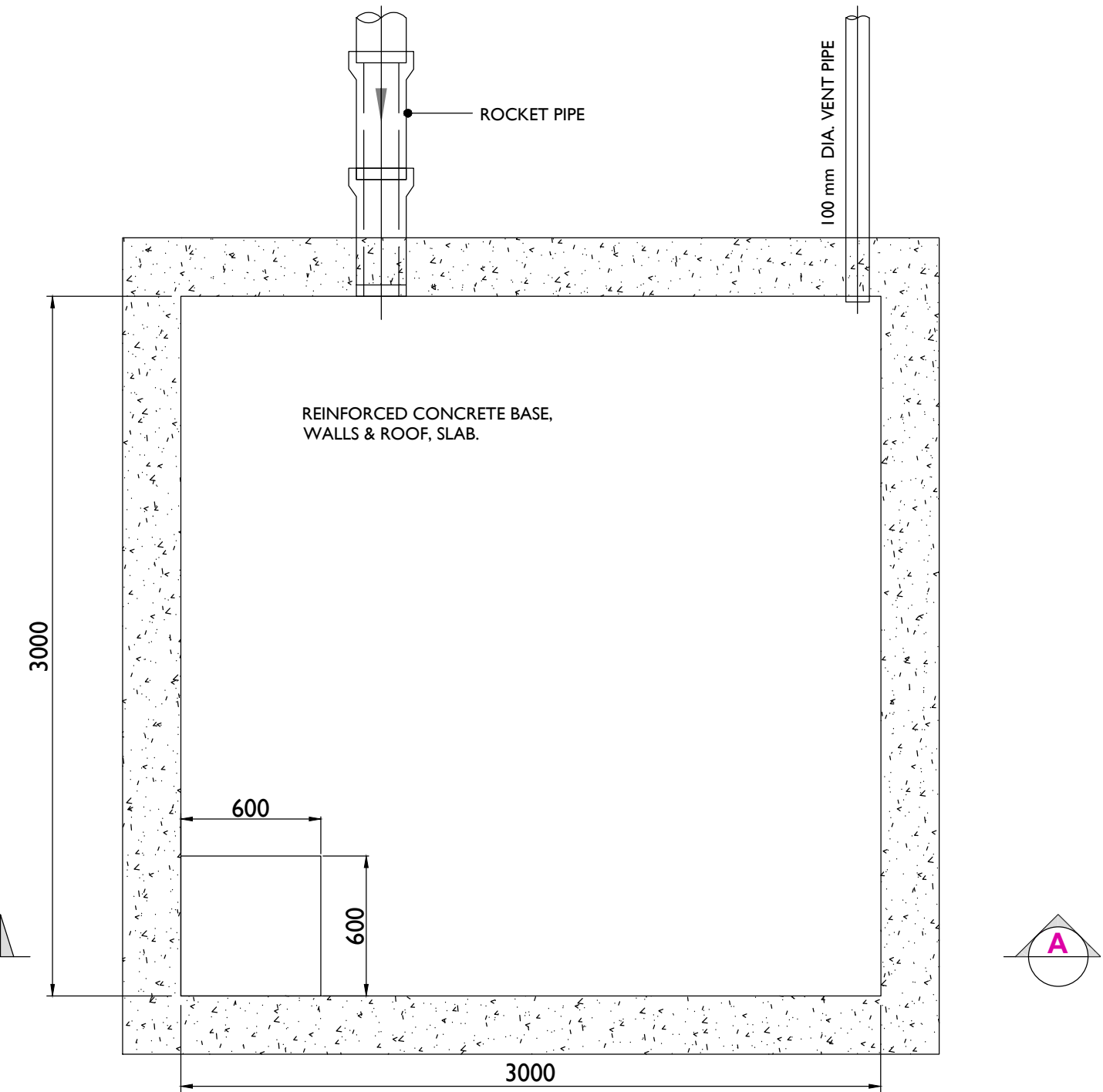
RAINWATER DOWNPIPE DETAIL
SCALE 1:25



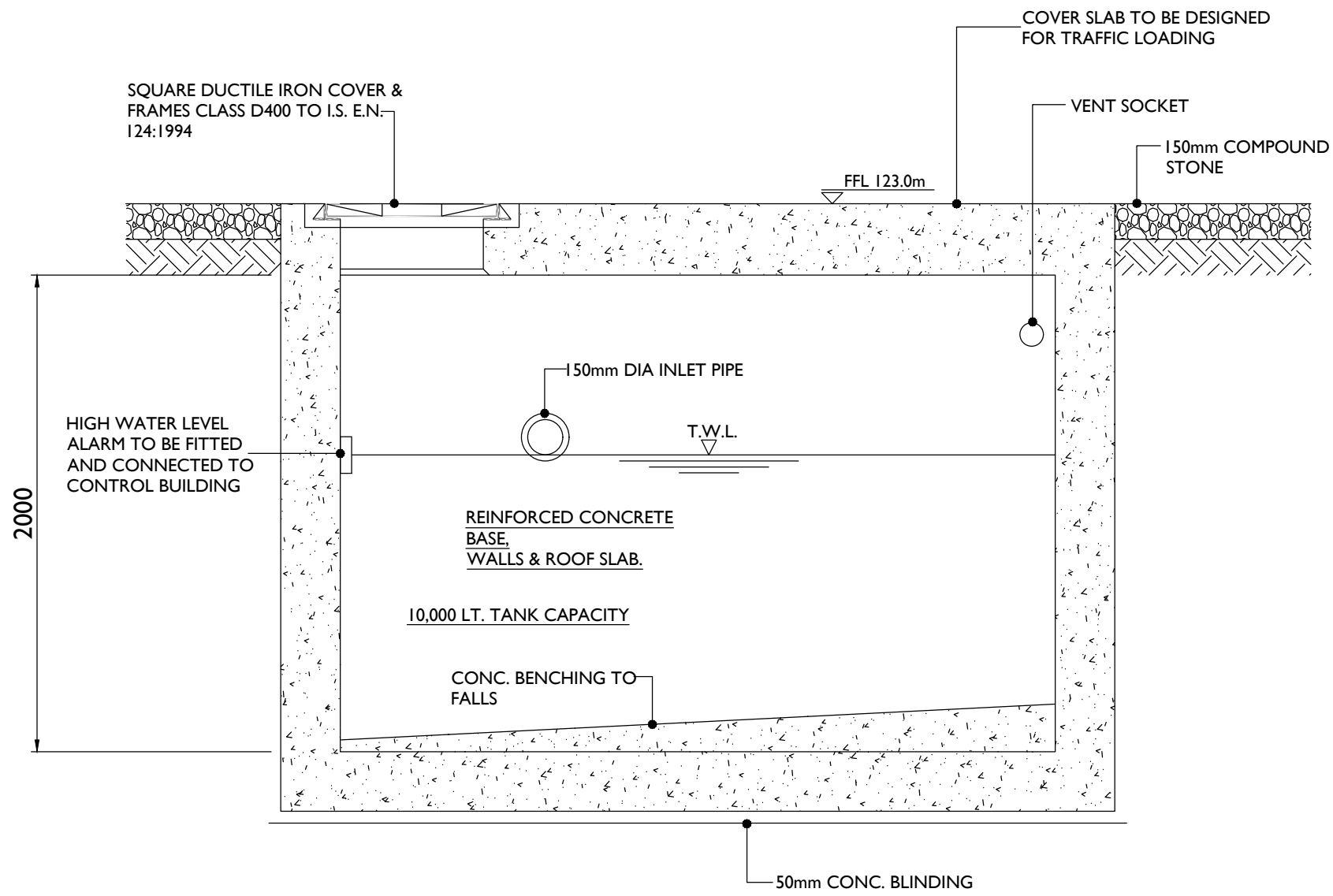
PRECAST RING MANHOLE - PLAN
SCALE 1:25



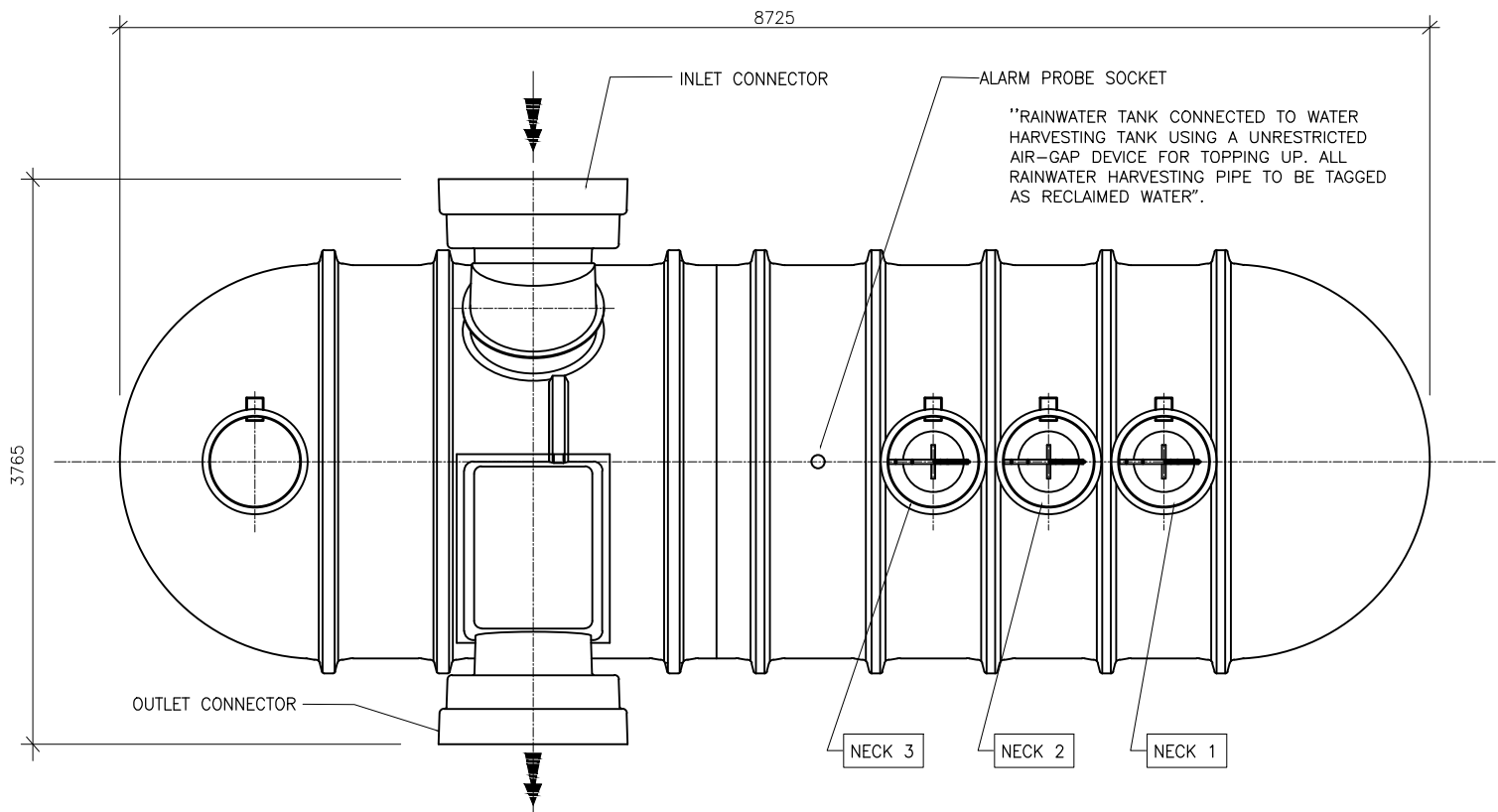
PRECAST RING MANHOLE -SECTION
SCALE 1:25



STANDARD FOUL WATER HOLDING TANK - ELEVATION
SCALE 1:25



STANDARD FOUL WATER HOLDING TANK - SECTION A-A
SCALE 1:25



STANDARD RAINWATER HARVESTING TANK - PLAN
SCALE 1:50

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PROJECT

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CONSULTANTS

- NOTES: -
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- LEGEND: -

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P3	17.04.26	Issued for Planning
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P0	09.02.24	Issued For Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

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SHEET TITLE

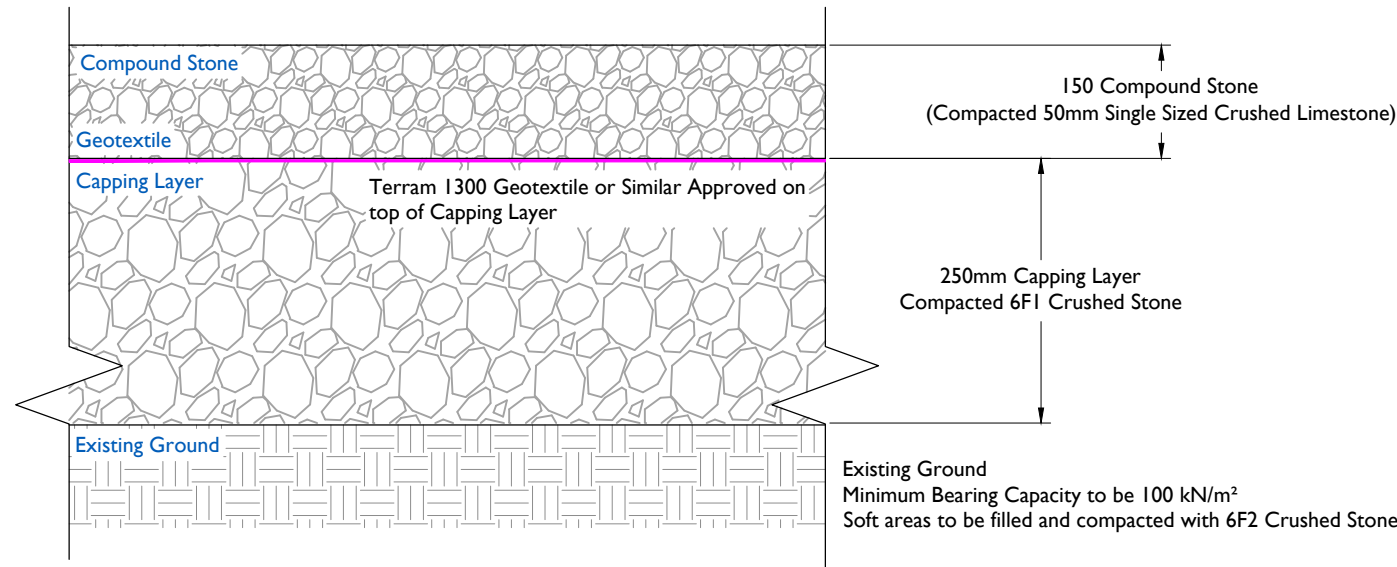
Drainage Details

SHEET NUMBER

05981-DR-106

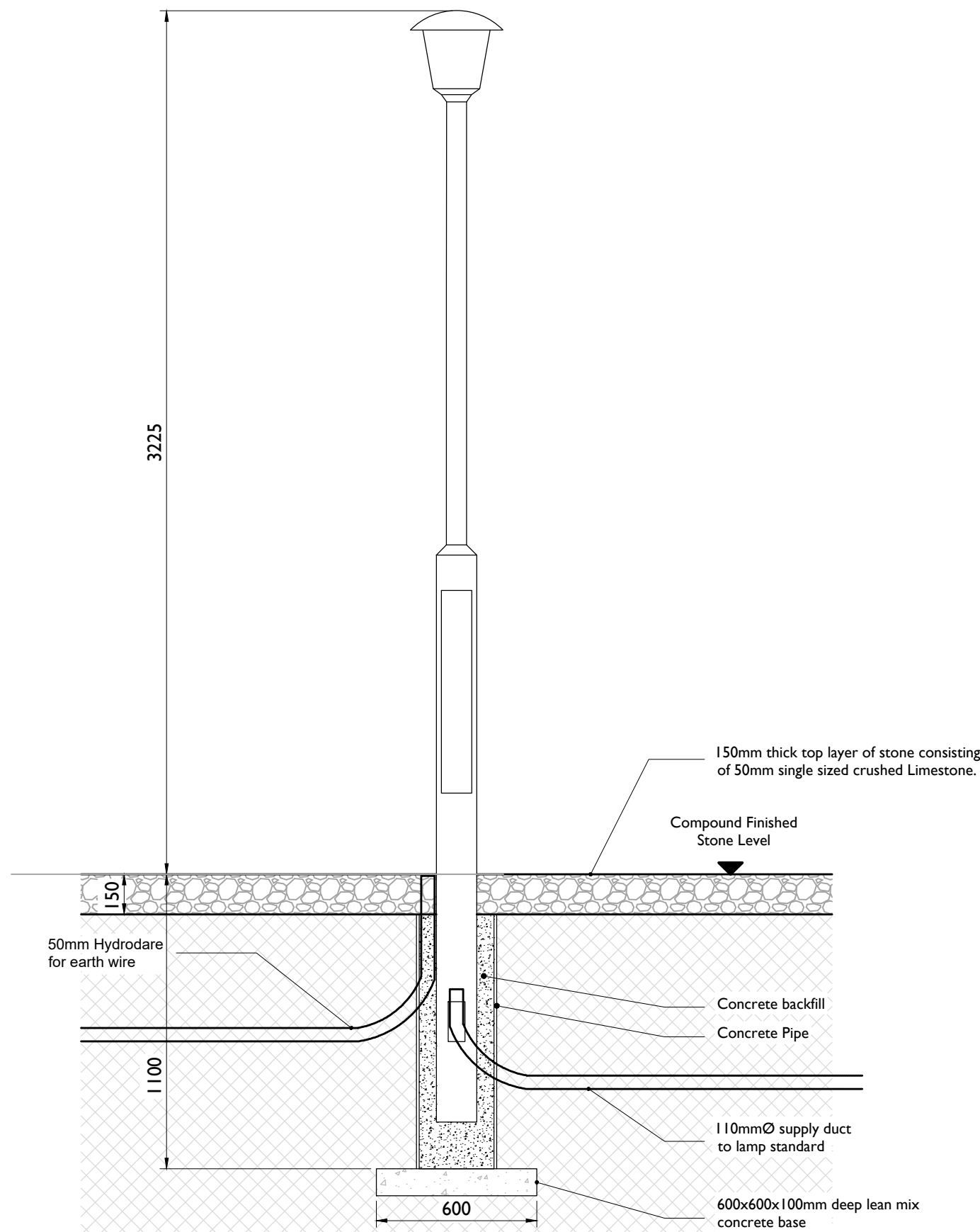
ISO A2 420mm x 594mm

Project Management Initials: Designer: GD Checked: KC Approved: GH



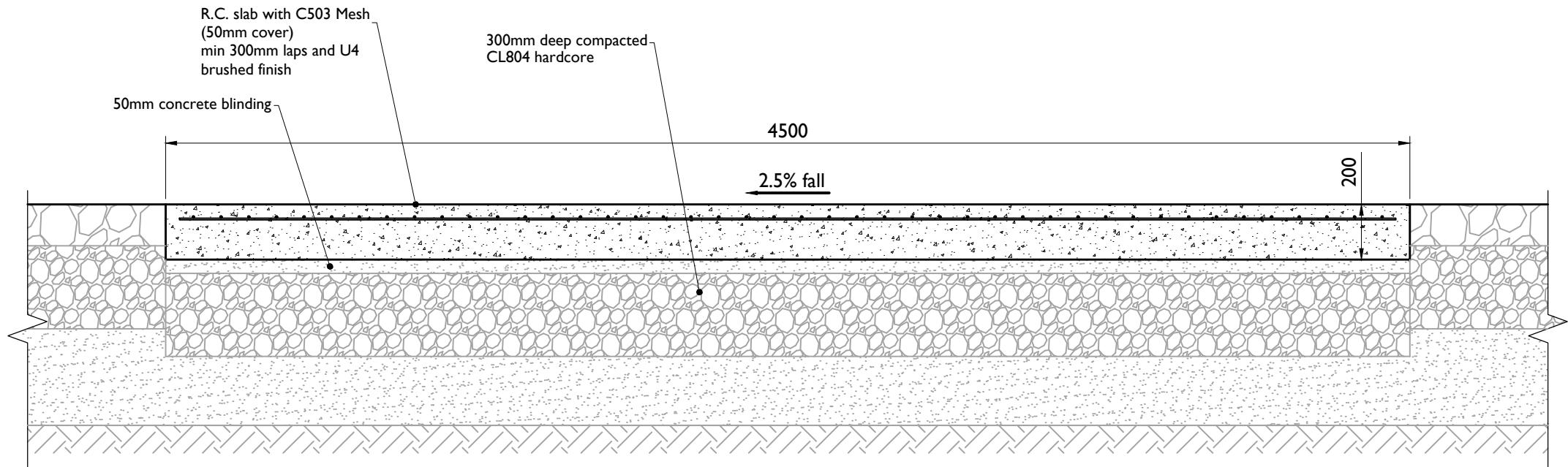
STANDARD COMPOUND DETAIL

SCALE 1:10



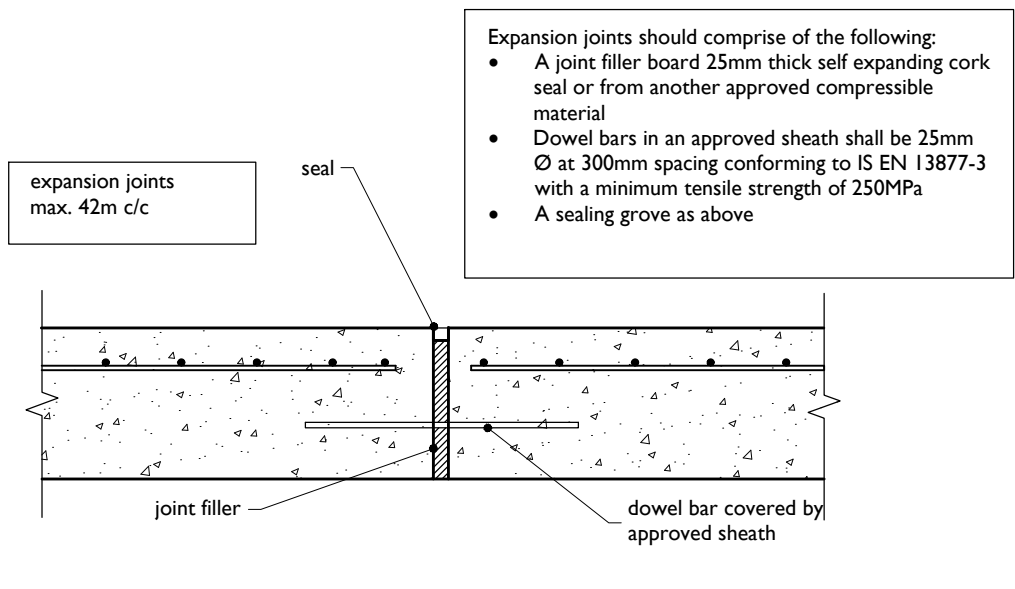
LIGHTING COLUMN & SURROUND DETAIL

SCALE 1:20



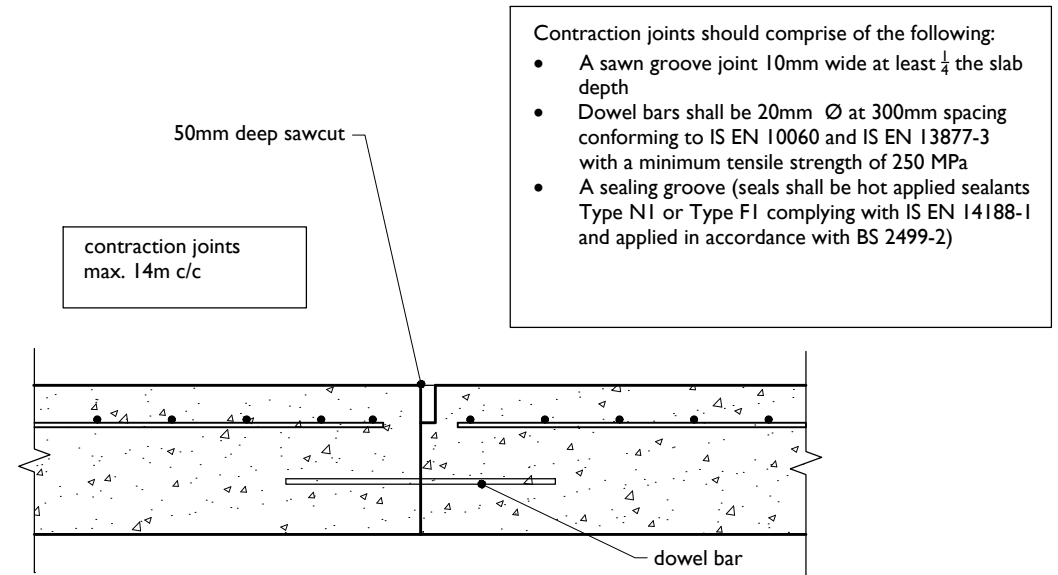
STANDARD SECTION - CONCRETE ACCESS ROAD

SCALE 1:20



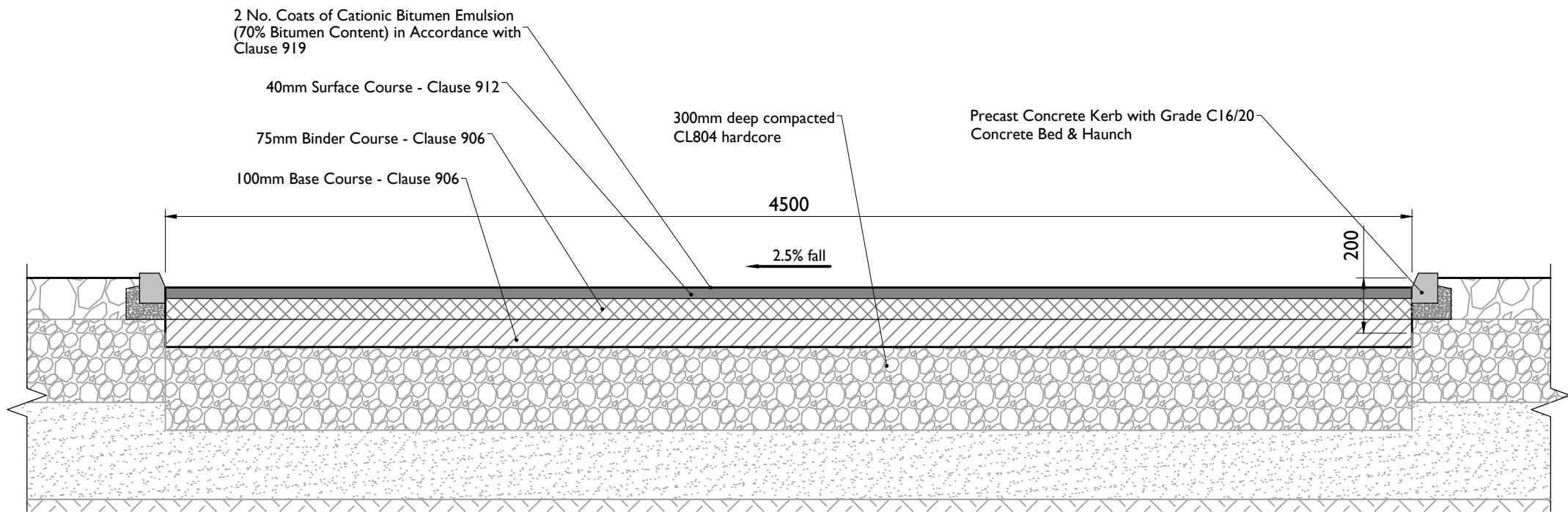
Concrete Access Road Expansion Joint

SCALE 1:10



Concrete Access Road Contraction Joint

SCALE 1:10



STANDARD SECTION - ASPHALT ACCESS ROAD

SCALE 1:20



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LEGEND: -

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I/R	DATE	DESCRIPTION

PROJECT NUMBER

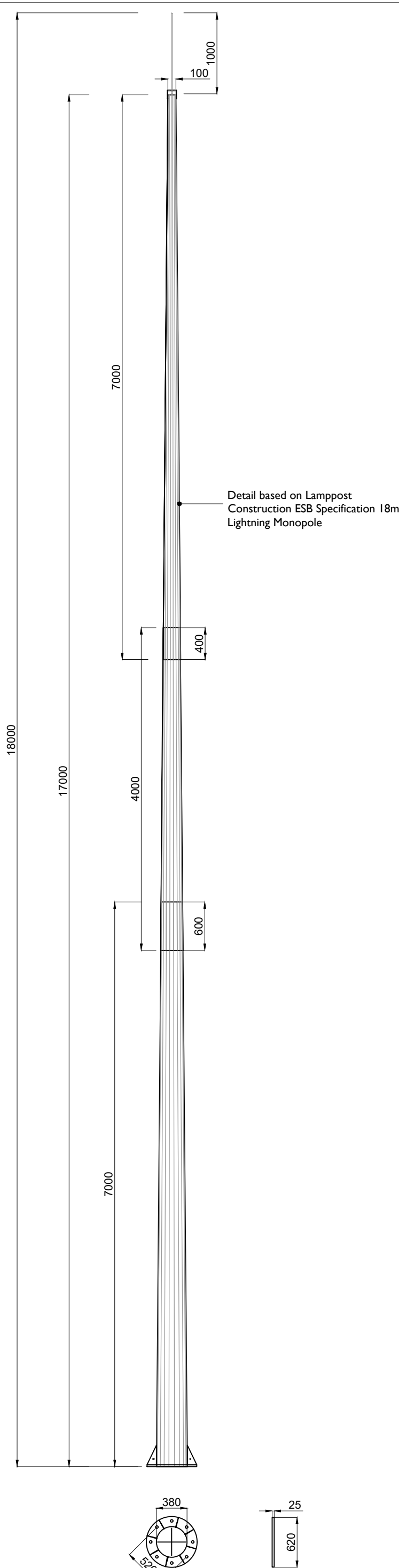
05-981

SHEET TITLE

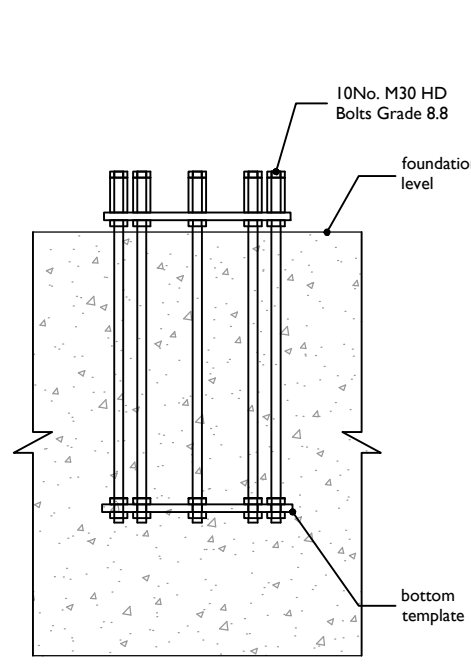
Site Compound Details

SHEET NUMBER

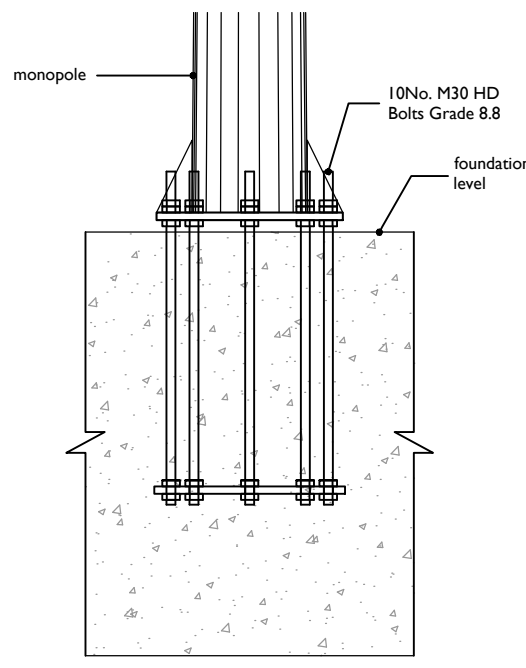
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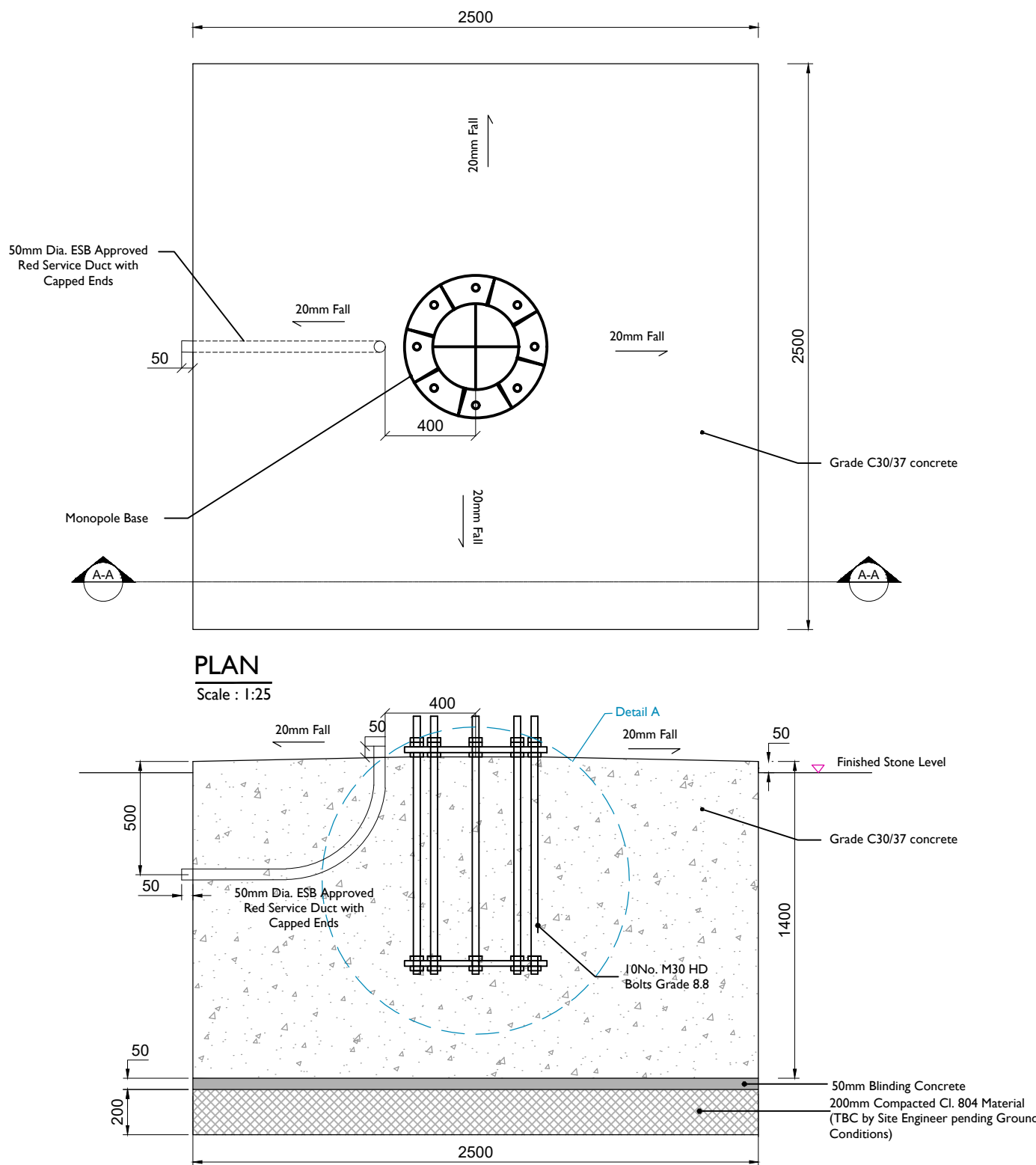
MONOPOLE DETAILS
Scale : 1:50



DETAIL A
Scale : 1:25



MONOPOLE BASE PLATE
TO HDB CONNECTION
Scale : 1:25



SECTION A-A: FOUNDATION DETAIL
Scale : 1:25

GENERAL NOTES:

- ALL drawings to be read in conjunction with the Specification and all Engineers and Architects Drawings.
- All concrete to be in accordance with I.S. EN 206-1:2002 with the Mix Designs shown in Table I
- Concrete finishes to be in accordance with Table 6.1 of the ESB Specification CS17-SO1-005.
- ALL Reinforcement shall be in accordance with BS4449 and scheduled in accordance with BS.8666. 300mm Laps for A142 Mesh 600mm Min Laps for A393 Mesh.
- Refer always to relevant Earth Grid drawing prior to excavations & concrete pours.
- Geometrical tolerances to be in accordance with Table 6.2 of ESB Specification CS17-SO1-005

FOUNDATION NOTES:

- Ground to have a minimum Bearing Capacity of 100 kN/m².
- Formation level and Foundations to be inspected and approved by the Engineer prior to any Concrete being poured.
- All Foundations are to be blinded immediately after excavation with 50mm of C16/20 Concrete Blinding.
- Refer always to the relevant Earth Work Drawings prior to Excavations & Concrete pours.

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LEGEND: -

ISSUE/REVISION

NO.	DATE	DESCRIPTION
P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	09.02.24	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-981

SHEET TITLE

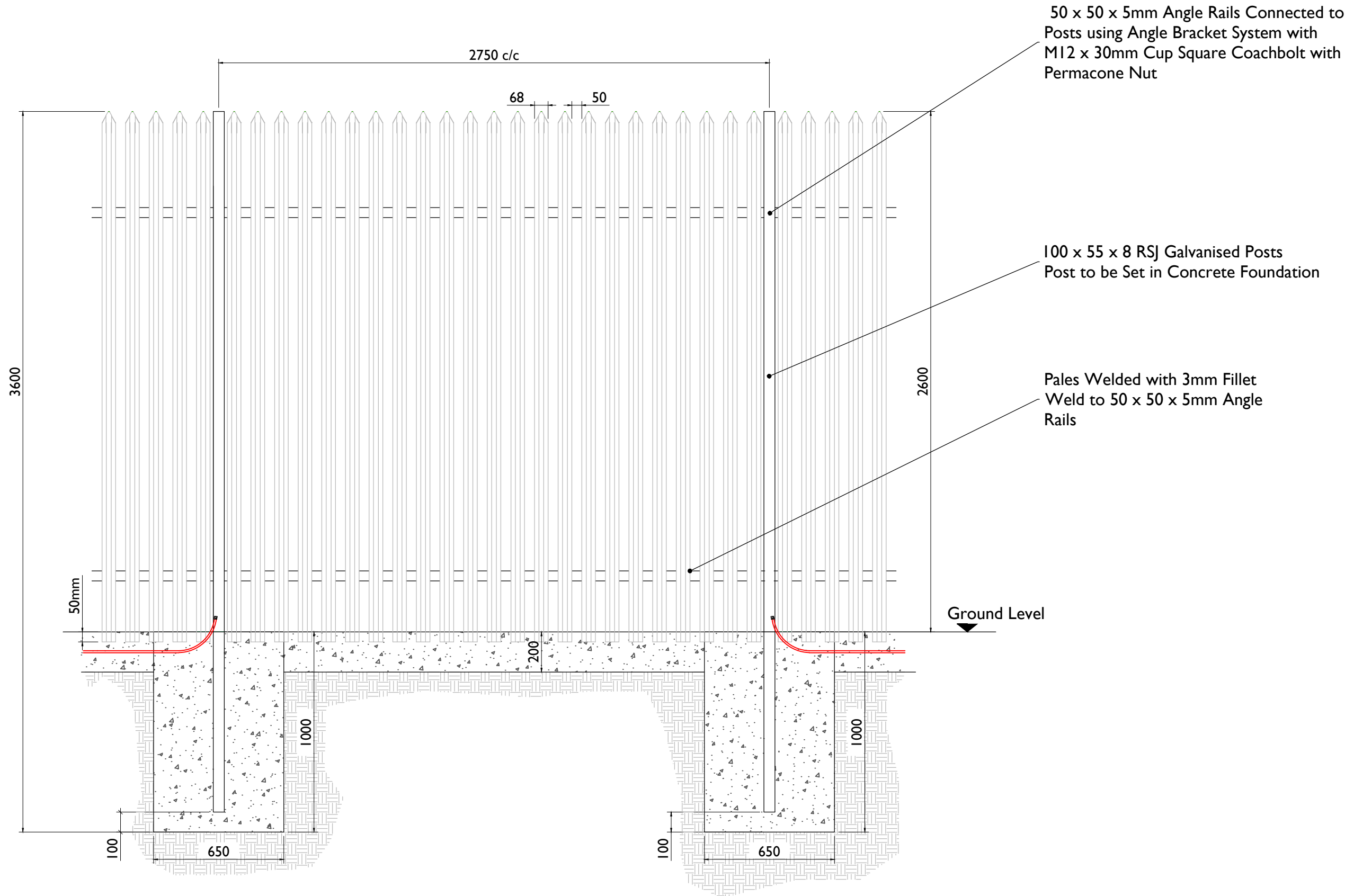
Monopole Lightning Mast Details -18m

SHEET NUMBER

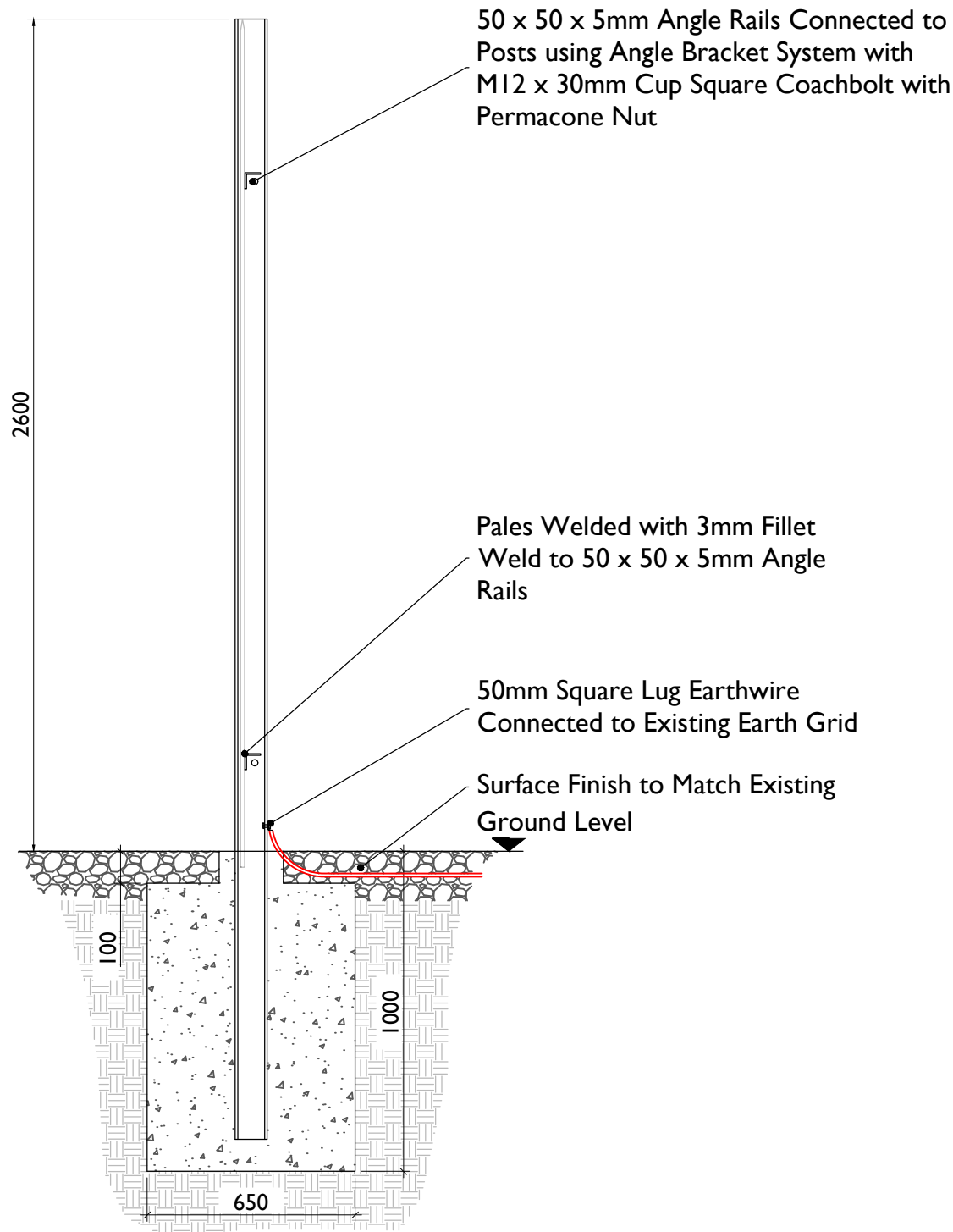
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ISO A1 594mm x 841mm

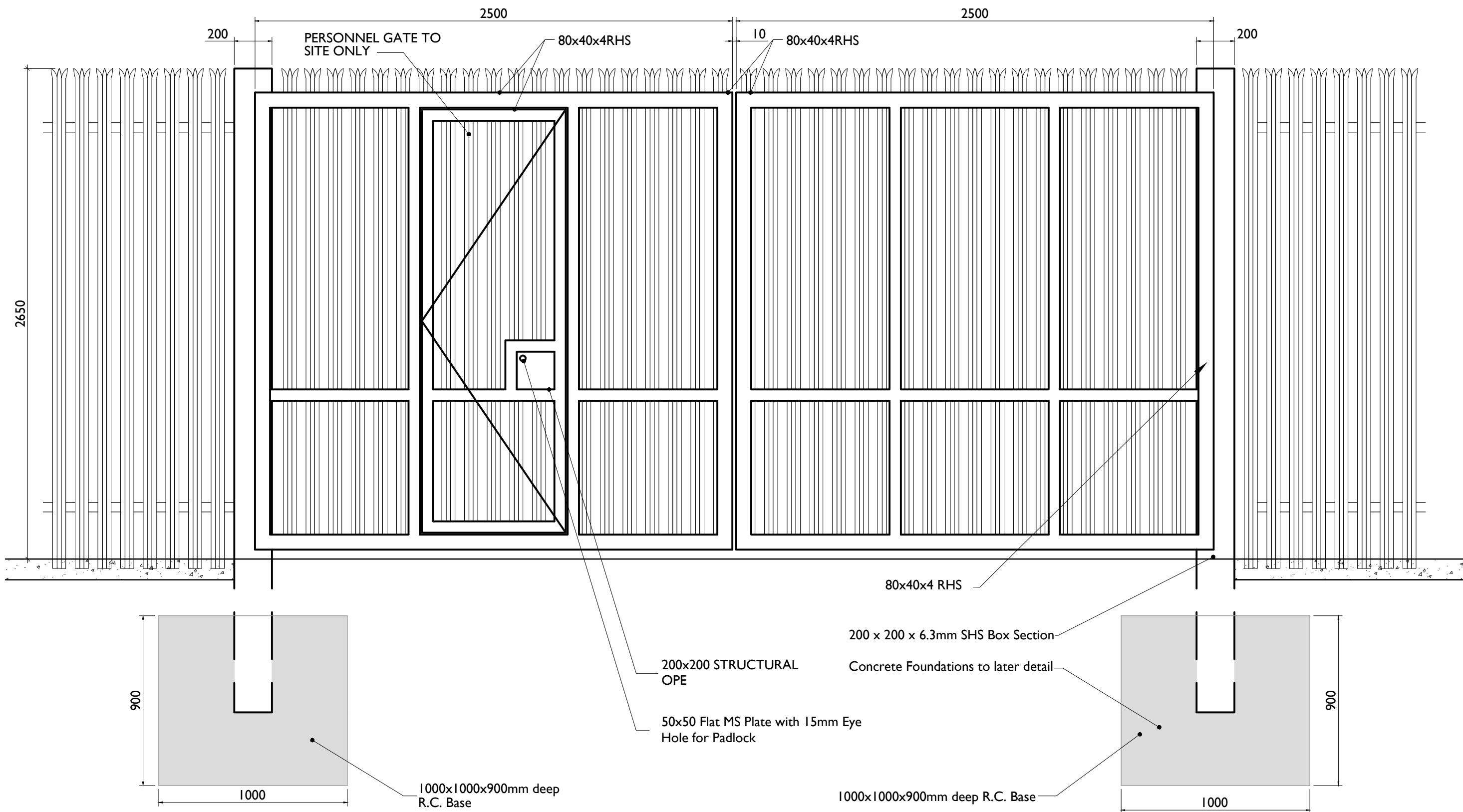
Project Management Initials: Designer: CH Checked: GD Approved: RG



PALISADE FENCING DETAILS - ELEVATION
SCALE 1:20



PALISADE FENCING DETAILS - SECTION
SCALE 1:20



PALISADE FENCING DETAILS - ELEVATION
SCALE 1:20

tli GROUP

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CONSULTANTS

- NOTES: -**
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LEGEND: -

ISSUE/REVISION		
P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	09.02.24	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

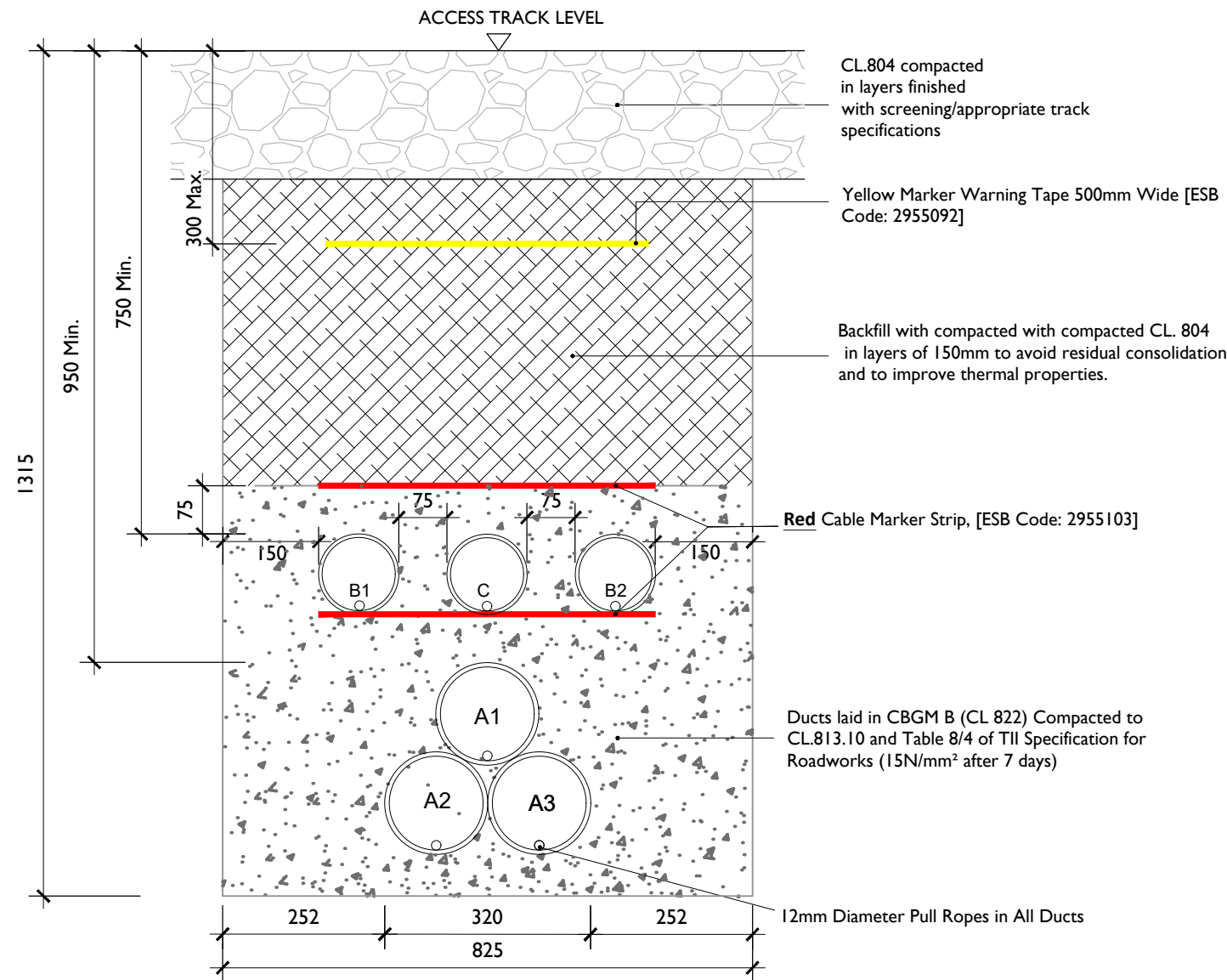
05-981

SHEET TITLE

Palisade Gate and Fencing Details

SHEET NUMBER

05981-DR-109



A = 160mm: Outer Diameter HDPE ESB Approved Duct, SDR= 21.0 (Power) [ESB Code: 9317560]
B = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (Comms) [ESB Code: 9317552]
C = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (ECC) [ESB Code: 9317552]

110kV Ducting Section Through Access Track
SCALE 1:10

- Note:**
- This drawing is subject to ESB design approval and should not be used for construction.
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**ALL REINSTATEMENT WORKS ARE TO BE IN ACCORDANCE
WITH ACCESS TRACK DESIGN REQUIREMENTS**

Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD14



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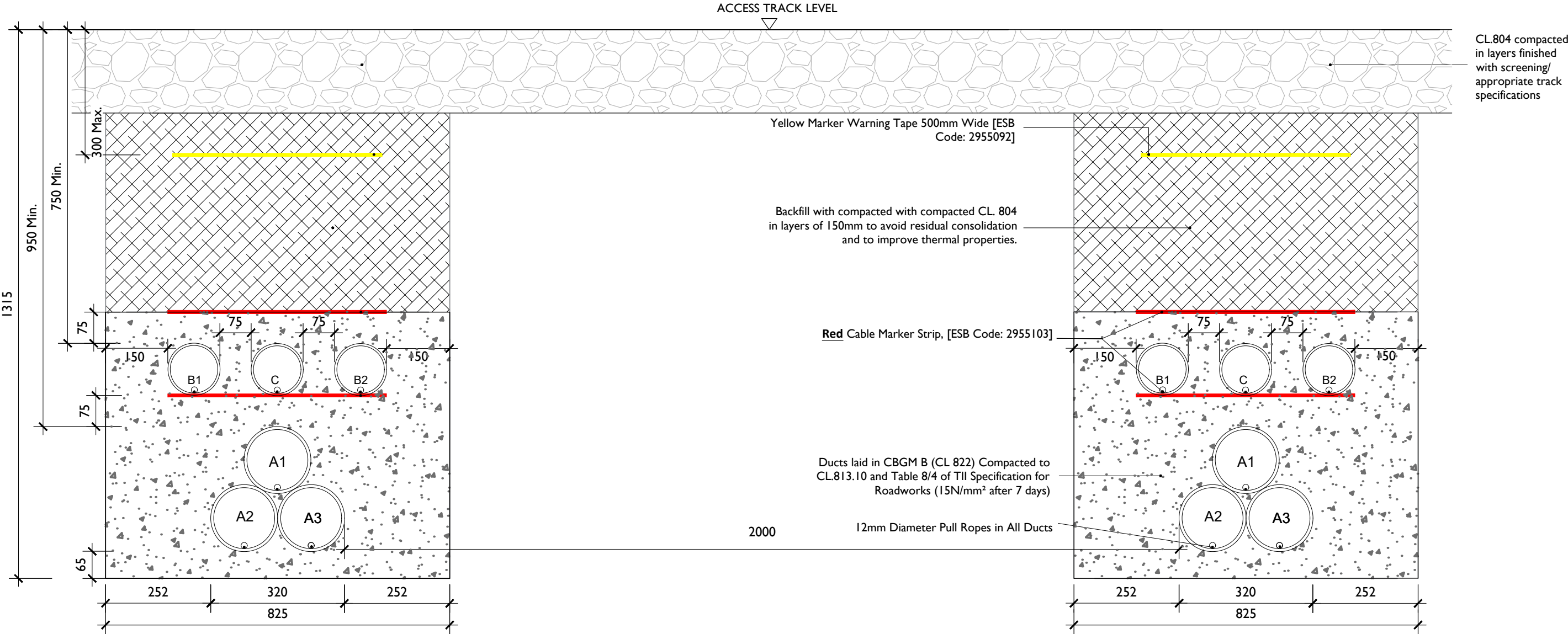


PROJECT
Cunlaghfadda Green
Energy Project
PROJECT NUMBER
05-981

SHEET NUMBER
05981-DR-110

SHEET TITLE
110kV Single Ducting Section
Through Access Track
DRAWING STATUS
For Planning

ISSUE/REVISION		
P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
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C = 125mm: Outer Diameter HDPE ESB Approved Duct, SDR=17.6 (ECC) [ESB Code: 9317552]

110kV Double Circuit Ducting Section Through Access Track

SCALE 1:10

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Reinstatement details based on Guidelines for Managing Openings in Public Roads - SD14



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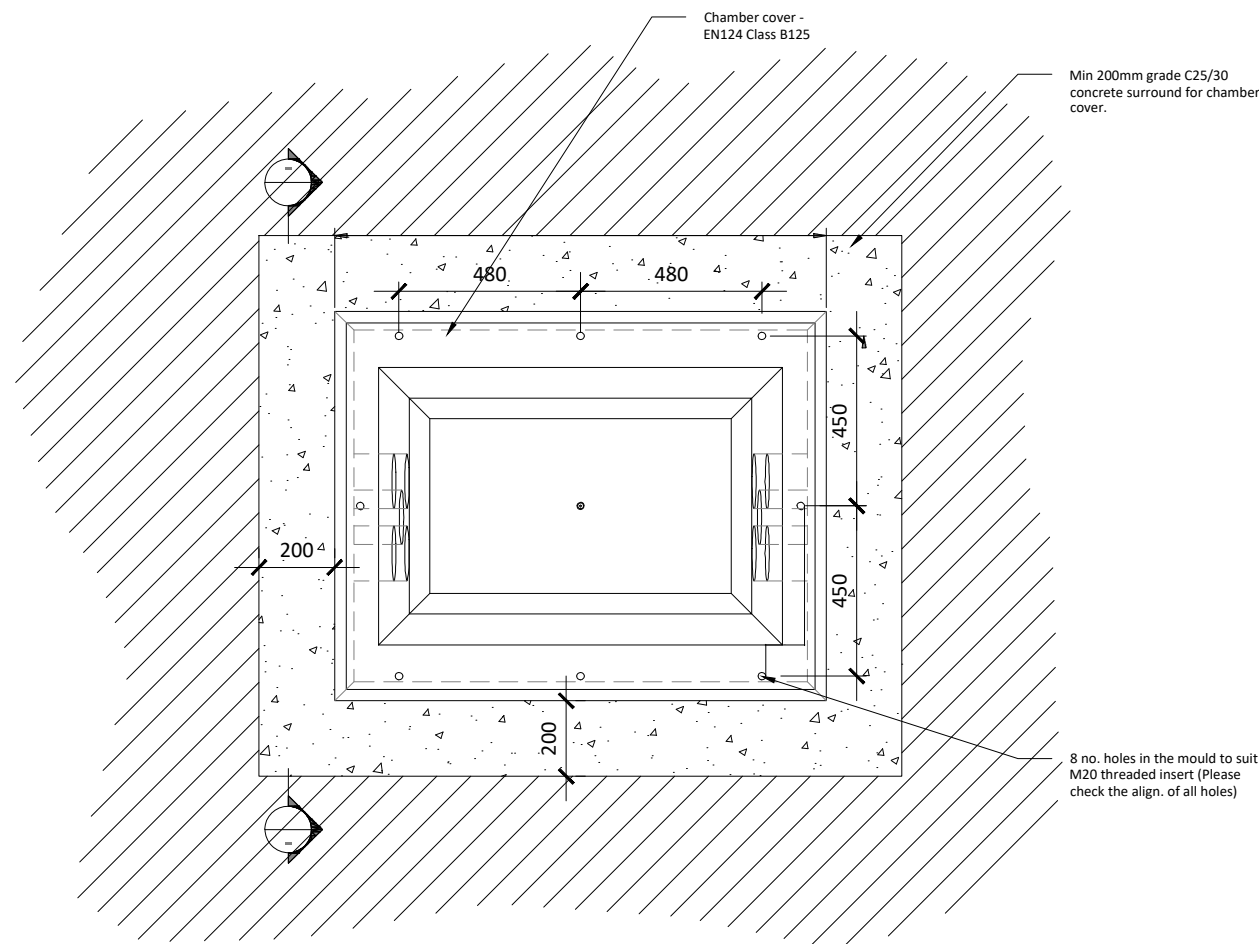


PROJECT
Cunlaghfadda Green
Energy Project
PROJECT NUMBER
05-981

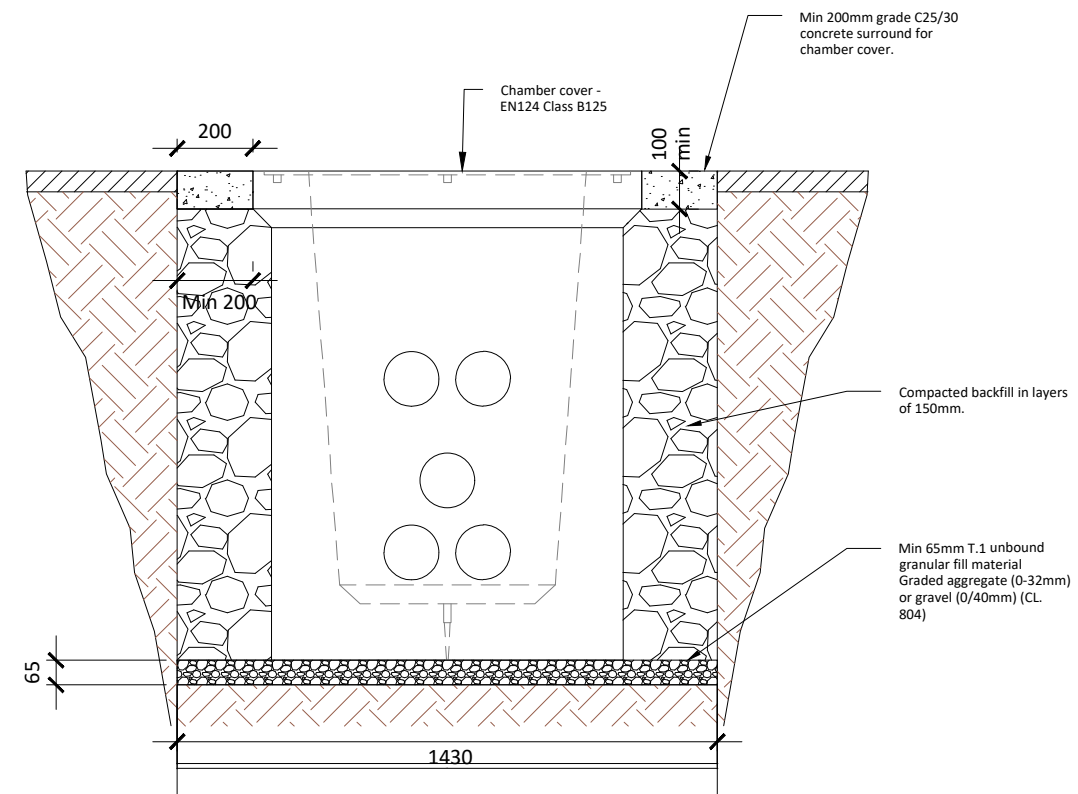
SHEET NUMBER
05981-DR-111

SHEET TITLE
110kV Double Circuit Ducting Section
Through Access Track
DRAWING STATUS
For Planning

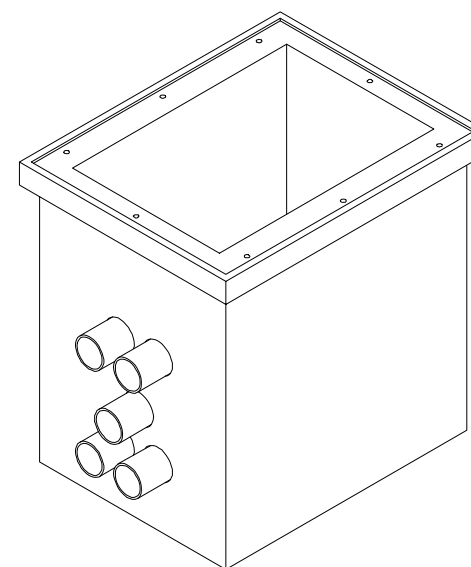
ISSUE/REVISION		
P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	12.02.24	Issued for Planning
I/R	DATE	DESCRIPTION



Standard Plan of C2 Chamber
SCALE 1:20



C2 Chamber Detail - Section A
SCALE 1:20



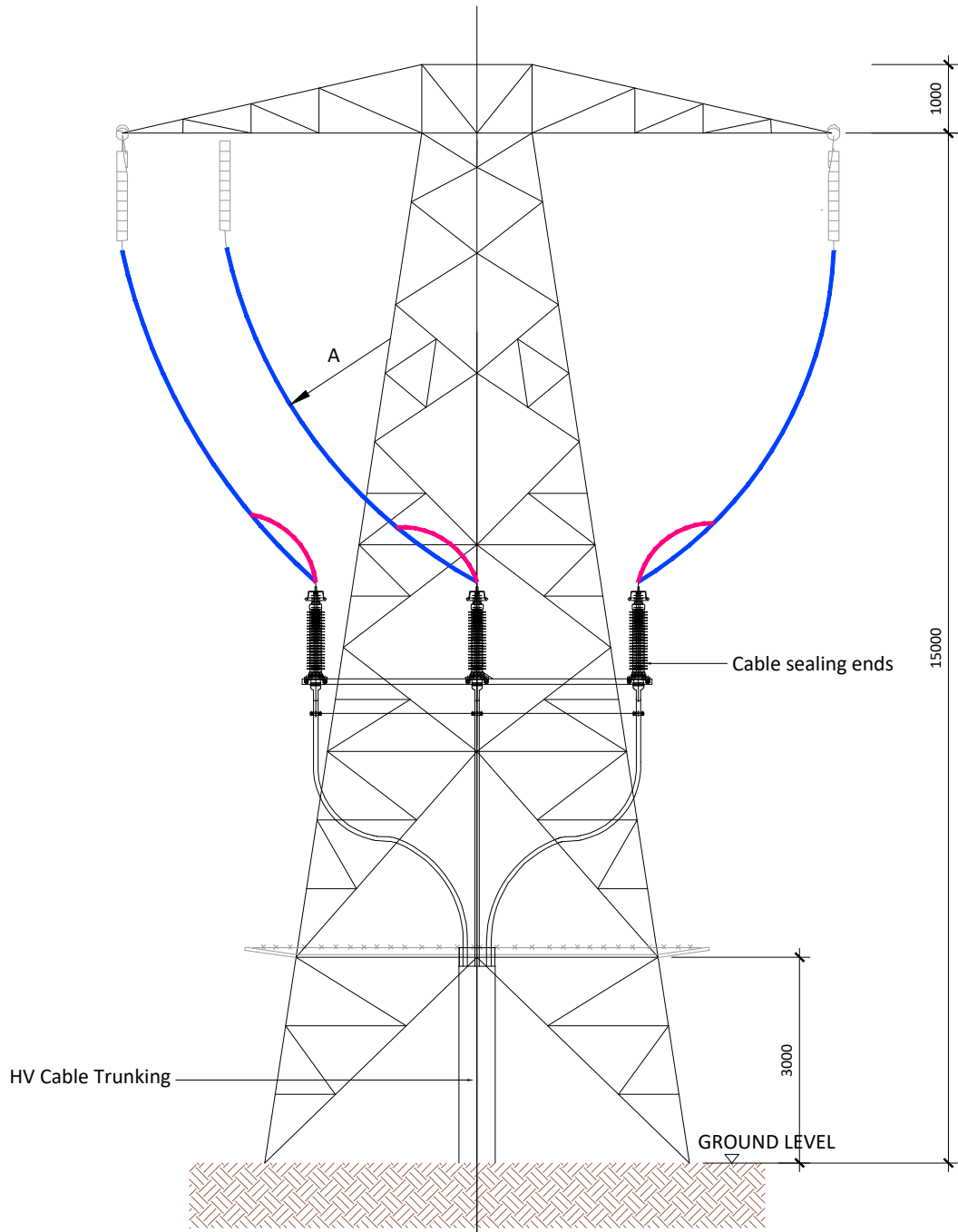
Isometric : C2 Chamber Arrangement
SCALE 1:20

NOTES:

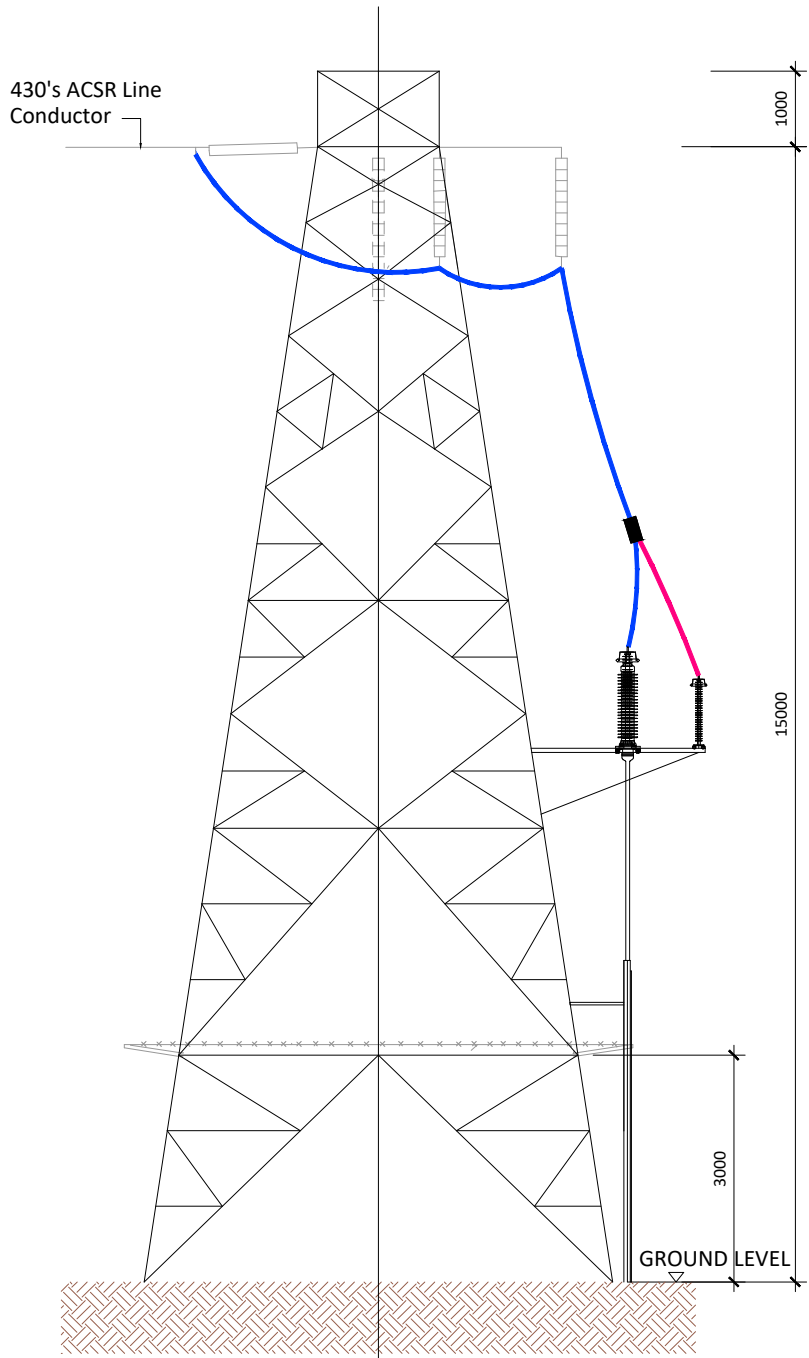
- This drawing is to be read in conjunction with relevant drawings, specifications and reports.
- Drawings are not to be scaled use figured dimensions only.
- All dimensions in millimetres
- Reinstatement to comply with requirements of the relevant local authority / asset owner
- Final position of C2 Chambers shall be agreed with EirGrid.

P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	09.02.24	Issued for Planning
I/R	DATE	DESCRIPTION

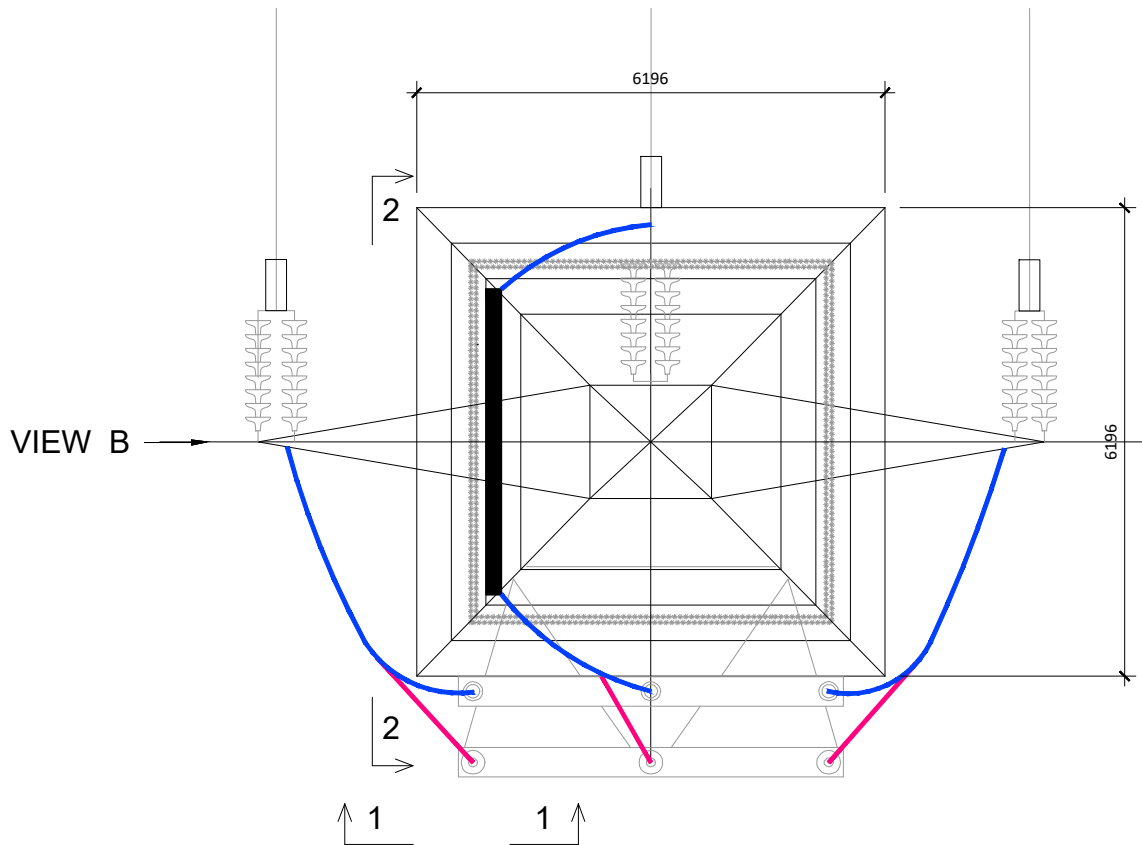
* Please note that Conductors are not shown for clarity of Structure display.



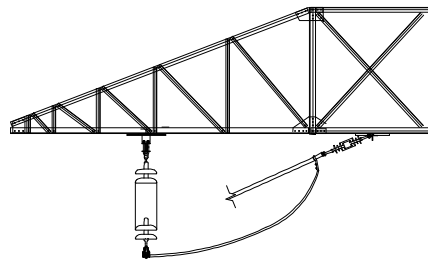
FRONT ELEVATION
(Rear Platform Removed for Clarity)
Scale: 1: 100



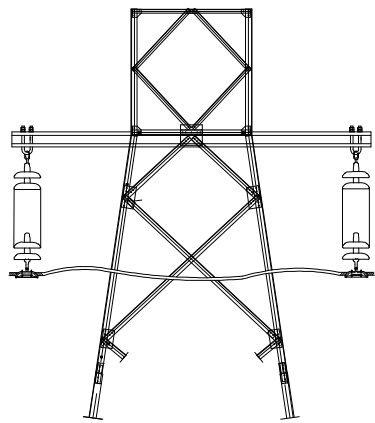
SIDE ELEVATION
Scale: 1: 100



PLAN VIEW
Scale: 1: 100



ELEVATION 1-1
Scale: NTS



ELEVATION 2-2
Scale: NTS



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PROJECT

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NOTES: -

- This drawing is to be read in conjunction with relevant engineering drawings, specifications and reports
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- Drawings are not to be scaled use figured dimensions only

LEGEND: -

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P3	16.04.26	Issued for Planning
P2	11.03.26	Issued for Planning
P1	09.01.26	Issued for Planning
P0	09.02.24	Issued for Planning

PROJECT NUMBER

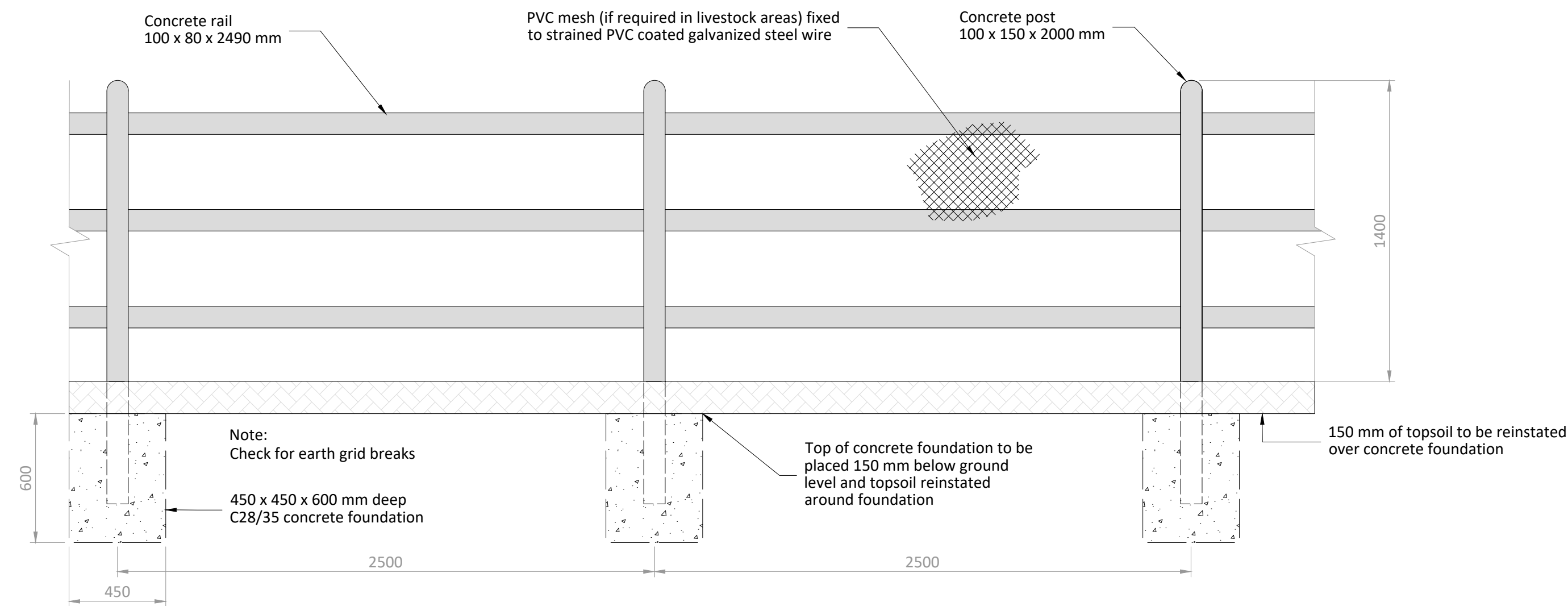
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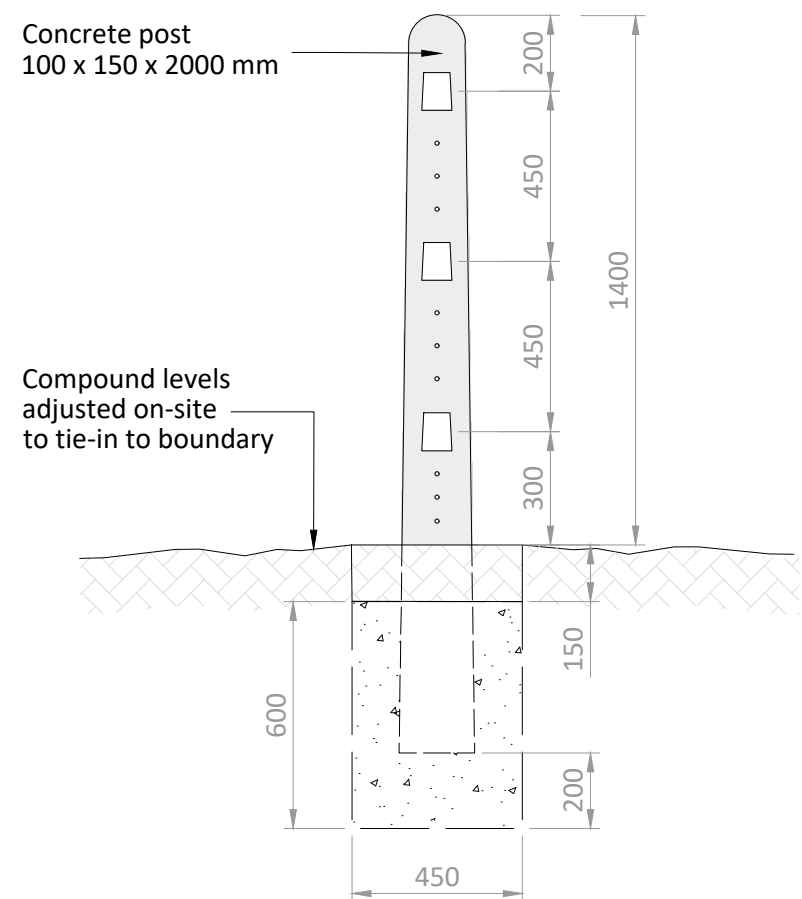
110kV End Mast
(Type 1493ET)

SHEET NUMBER

05981-DR-113



External Elevation of Concrete Post & Rail Boundary Fencing
Scale:1:20



Section View
Scale:1:20



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LEGEND: -

ISSUE/REVISION

P0	14.05.26	Issued for Planning
I/R	DATE	DESCRIPTION

PROJECT NUMBER

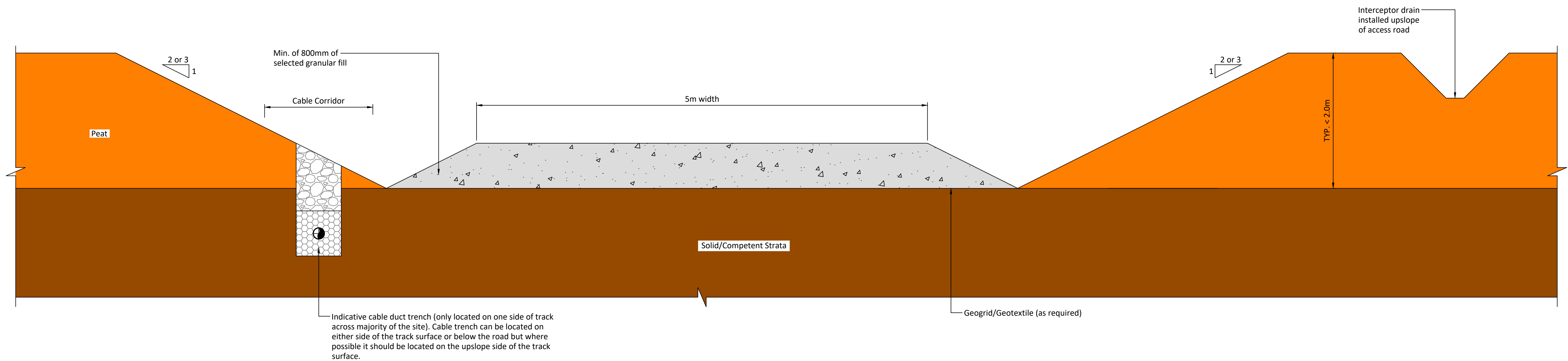
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SHEET TITLE

Concrete Post & Rail Fence Details

SHEET NUMBER

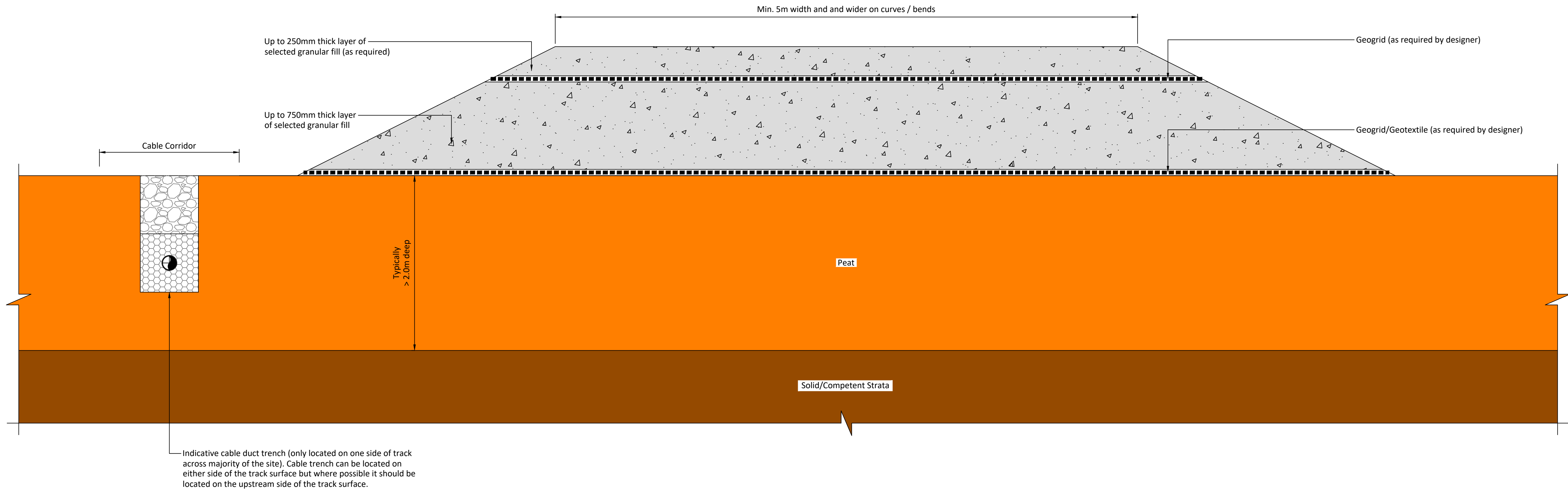
05981-DR-116



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Rev.	Description	App By	Date
A	FOR INFORMATION	IH	06.03.24
B	FOR INFORMATION	BDH	05.12.25

PROJECT	CLIENT		
CUNLAGHFADDA GREEN ENERGY PROJECT	MKO		
SHEET	Date	Project number	Scale (@ A1)
TYPE C – NEW EXCAVATE AND REPLACE ACCESS TRACK	05.12.25	P23-270	1:25
	Drawn by	Drawing Number	Rev
	POR	P23-270-0600-0008	B
	Checked by		
	IH		



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Rev.	Description	App By	Date
A	FOR INFORMATION	IH	06.03.24
B	FOR INFORMATION	BDH	05.12.25

PROJECT		CLIENT						
CUNLAGHFADDA GREEN ENERGY PROJECT		MKO						
SHEET	TYPE D – NEW FLOATING ACCESS TRACK		Date	05.12.25	Project number	P23-270	Scale (@ A1)	1:20
			Drawn by	POR	Drawing Number P23-270-0600-0009			Rev
			Checked by	IH				B

POLLUTION PREVENTION NOTES:

1. SITE MANAGEMENT PROPOSALS ARE INTENDED TO ENSURE PROTECTION AGAINST SURFACE WATER AND GROUNDWATER POLLUTION, SURFACE WATER SILTATION, AND STREAM BANK AND LAND EROSION.
2. SUITABLE DRAINAGE CONTROL MEASURES SHOULD BE IN PLACE AT ALL TIMES TO PREVENT CONVEYANCE OF SIGNIFICANT VOLUMES OF SILT TO OFF SITE RECEIVING WATERCOURSES.
3. SILTY WATER CAN ARISE FROM DEWATERING EXCAVATIONS, EROSION OF EXPOSED/DISTURBED GROUND, EROSION OF TEMPORARY STOCKPILES, PLANT AND WHEEL WASH WATER, RUNOFF FROM SITE ROADS/TRACKS, AND DISTURBANCE OF EXISTING FIELD DRAINS AND DITCHES.

DISCHARGES

4. WATER CONTAINING SILT WILL NOT BE PUMPED DIRECTLY TO ANY NATURAL WATERCOURSE. ALL DISCHARGES TO BE MADE OVER OPEN GROUND OR INTO EXISTING FIELD DRAIN WITH SILT TRAP A MINIMUM 20M FROM NEAREST WATERCOURSE UNLESS OTHERWISE STATED.
5. NO EXCAVATED MATERIAL IS TO BE STORED WITHIN ANY SURFACE WATER BUFFER ZONE.
6. PUMPED WATER WILL BE DIRECTED INTO TRACK SIDE DITCHES AND TREATED IN SETTLEMENT PONDS AND VEGETATION SWALES PRIOR TO OVERLAND DISCHARGE.
7. PUMPING OF CLEAN WATER FROM EXCAVATIONS / OR OVER-PUMPING INTO FIELD DRAINS/DITCHES/STREAMS WILL BE COMPLETED IN A MANNER THAT DOES NOT CAUSE SCOUR OR EROSION AT THE POINT OF RELEASE/DISCHARGE. THIS WILL BE DONE BY REDUCING THE FLOW VELOCITIES OR BY USE OF SPLASH PLATES, AND OTHER SIMILAR DISCHARGE CONTROLS.
8. VEGETATION WILL NOT BE STRIPPED FROM EXISTING FIELD DRAINS/DITCHES UNLESS ABSOLUTELY NECESSARY.

EXCAVATIONS

9. WHERE DEEP EXCAVATIONS ARE PROPOSED CUT-OFF DRAINS WILL BE USED TO REDUCE THE AMOUNT OF SURFACE WATER ENTERING THE EXCAVATION. THIS WILL BE THE CASE AROUND TURBINE BASE EXCAVATIONS.

EXPOSED GROUND & STOCKPILES

10. THE AMOUNT OF EXPOSED GROUND AND TEMPORARY STOCKPILES OPEN AT ANY ONE TIME WILL BE MINIMISED, AS FAR AS PRACTICABLE.

SITE TRACKS

11. USE OF TRACK SIDE SWALES WITH CHECK DAMS, AND/OR FILTRATION CHECK DAMS WILL REDUCE SILT IN RUNOFF WATER AS REQUIRED.
12. CHECK DAMS TO BE INSPECTED AND CLEANED REGULARLY.

REFUELLING

13. REFUELLING WILL BE COMPLETED IN LINE WITH CEMP REQUIREMENTS AND AWAY FROM FIELD DRAINS / DITCHES AND WATERCOURSES / WATERBODIES.
14. SPILL KITS AND DRIP TRAYS WILL BE AVAILABLE ON SITE FOR USE AS REQUIRED.

CONCRETE

15. CARE WILL BE TAKEN WHEN COMPLETING CONCRETE WORKS ON SITE TO ENSURE NO DISCHARGES OF CONCRETE OR WASH WATER OCCURS.
16. CONCRETE WASH WATER, AND WASTE CONCRETE WILL BE MANAGED APPROPRIATELY ON SITE.

IF WATER POLLUTION IS IDENTIFIED THE FOLLOWING STEPS WOULD BE ADHERED TO:

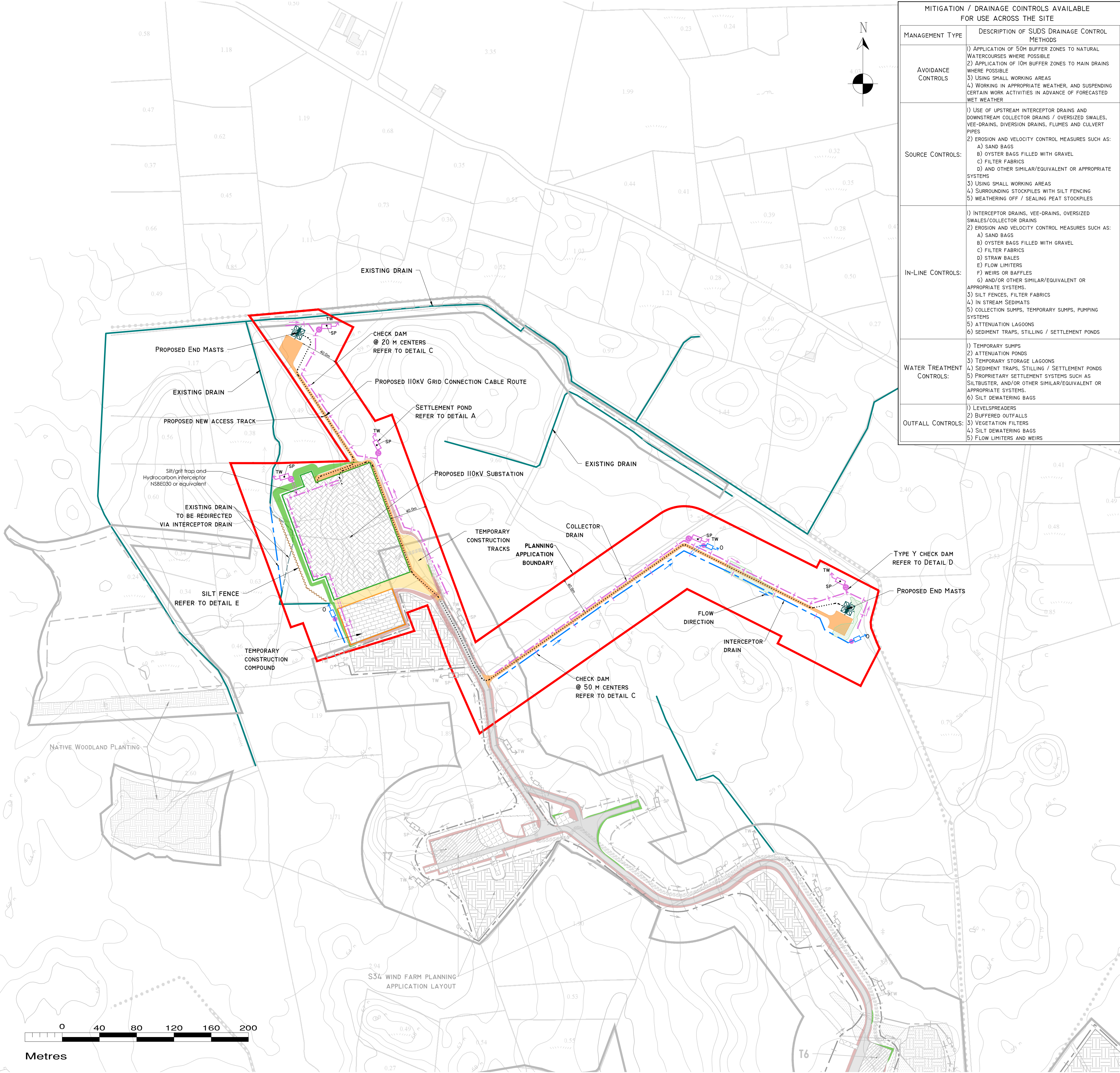
STOP - WORK IN THE IMMEDIATE AREA SHOULD BE STOPPED AND THE SOURCE OF THE POLLUTION IDENTIFIED.

CONTAIN - THE SOURCE OF THE POLLUTION SHOULD BE BUNDED USING A SUITABLE METHOD. NATURAL WATERCOURSES SHOULD BE TEMPORARILY DIVERTED AROUND THE SOURCE OF POLLUTION.

NOTIFY - THE RELEVANT AUTHORITIES (SITE MANAGER / INLAND FISHERIES IRELAND / NPWS / LOCAL AUTHORITY ETC.) SHOULD BE NOTIFIED IMMEDIATELY TO ENSURE THAT MEASURES CAN BE IMPLEMENTED DOWNSTREAM TO PROTECT FISHERIES AND OTHER SENSITIVE AREAS, IF REQUIRED.

DRAINAGE NOTES:

1. ROADWAY SURFACING DESIGN AND CONSTRUCTION TO ENGINEER'S SPECIFICATION.
2. SPARE STRAW BALES/SILT FENCING/ OR SIMILAR, TO BE STORED ON SITE. THE LEVEL OF SILT IN RUNOFF DURING CONSTRUCTION IS TO BE MONITORED VISUALLY AND EXCESSIVE SILT LEVELS IN ANY AREA TO BE TEMPORARILY MANAGED BY PLACING SILT FENCES, STRAW BALES / OR SIMILAR OR ADDITIONAL CHECK DAMS AT THE PROBLEM AREAS.
3. SUDS SYSTEM TO BE CONSTRUCTED PRIOR TO, OR AT THE SAME TIME AS THE ACCESS TRACKS. INTERIM MEASURES SUCH AS THE PLACEMENT OF STRAW BALES/SILT FENCING/OR SIMILAR APPROVED METHOD OR ADDITIONAL CHECK DAMS AND SILT FENCES TO BE EMPLOYED IN ALL INSTANCES WHERE WORK CARRIED OUT TO CONSTRUCT THE ACCESS TRACKS IS LIKELY TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS THROUGH INCREASED SILT LOADINGS BEING GENERATED DURING THE CONSTRUCTION PHASE.
4. SUITABLE PREVENTION MEASURES SHOULD BE IN PLACE AT ALL TIMES TO PREVENT THE CONVEYANCE OF SIGNIFICANT VOLUMES OF SILT TO RECEIVING WATERCOURSES. SEE NOTES ON POLLUTION PREVENTION.
5. INTERCEPTOR SWALES / DITCHES TO BE USED TO COLLECT UPSTREAM SURFACE WATER FLOWS. REGULAR CROSS DRAINS / DISCHARGE TO FIELD DITCHES WILL BE REQUIRED TO TRANSFER / DISCHARGE SURFACE WATER IN INTERCEPTOR DRAINS TO SUITABLE FIELD DRAIN OUTFALL POINTS.
6. DRAINAGE SWALES / DITCHES TO BE EXCAVATED ADJACENT TO THE ACCESS TRACKS. REGULAR CROSS DRAINS TO BE LOCATED ALONG ACCESS TRACKS TO PREVENT EXCESSIVE VOLUMES OF WATER COLLECTING IN THE SWALES / DITCHES. LOCATIONS OF CROSS DRAINS TO BE AGREED WITH THE ENGINEER ON SITE. SURFACE WATER WILL NOT BE ALLOWED TO DISCHARGE DIRECTLY INTO EXISTING WATERCOURSES.
7. WHERE POSSIBLE, A BUFFER ZONE OF >20M TO ANY EXISTING WATERCOURSE WILL BE REQUIRED WHERE OVER LAND DISCHARGES ARE PROPOSED FROM ACCESS TRACK SWALES / DITCHES.
8. BATTERS OF ALL PROPOSED SWALES / DITCHES TO HAVE A SLOPE OF BETWEEN 1:1.5 TO 1:2 DEPENDING UPON DEPTH OF SWALE/DITCH AND WILL BE LEFT AS CUT TO RE-VEGETATE WITH LOCAL SPECIES.
9. TRACK SIDE SWALES / DITCHES TO BE SHALLOW WITH MODERATE GRADIENTS TO PREVENT SCOURING. IN STEEP AREAS CHECK DAMS SHOULD BE INSTALLED TO REDUCE FLOW VELOCITIES AND PROVIDE SOURCE CONTROL OF SILT CONTAINMENT. WHERE NECESSARY THESE HAVE BEEN DESIGNATED IN CONJUNCTION WITH SETTLEMENT PONDS AND SILT TRAPS, PRIOR TO DISCHARGE.
10. SETTLEMENT PONDS TO BE CONSTRUCTED FOR SILT REMOVAL AT TURBINE BASES AND HARD STAND AREAS. POND SIZES DEPENDS ON CATCHMENT AREA SERVED. SAMPLE POND SIZES SHOWN ON DRAWING D501.
11. STRAW BALES / OR SIMILAR AND SILT FENCES TO BE USED ALSO AROUND SOIL HEAPS TO MITIGATE SILT RUNOFF. SILT FENCES MAY BE REMOVED WHEN SUITABLE VEGETATION COVER IS ESTABLISHED.
12. SILT FENCES TO BE PROVIDED ALONG EDGE OF EXISTING WATERCOURSE WHERE WORKS COMES WITHIN <20M OF EDGE OF ANY DITCH / EPHEMERAL CHANNELS.
13. SLOPES OF THE SWALES / DITCHES TO BE VEGETATED OR PROTECTED FROM EROSION UNTIL VEGETATION HAS BEEN ESTABLISHED. STRIPPED VEGETATIVE LAYER (PEAT 'SOD' OR 'SCRAW') FROM EXCAVATIONS TO BE STORED LOCALLY AND USED TO LINE SLOPES AND BASE OF SWALES / DITCHES OR LONGITUDINAL MOUNDS OF VEGETATION SWALES AT FIELD DRAIN DISCHARGE POINTS.
14. AREAS STRIPPED OF VEGETATION SHOULD BE KEPT TO A MINIMUM.
15. CLEAN STONE FLOW CONTROL CHECK DAMS TO BE MADE OF LOCALLY WON / GEOLOGICALLY SIMILAR WELL GRADED STONE. AGGREGATE SIZE FOR STONE CHECK DAMS TO BE TYPICALLY 20- 40MM CLEAN STONE. ON SLOPING SECTIONS OF THE ACCESS TRACKS, 40MM CHECK DAMS TO BE PROTECTED FROM WASHING AWAY THROUGH THE PLACEMENT OF 100MM STONE ON THE DOWNHILL FACE OF THE CHECK DAM AND BY WRAPPING IN GEOTEXTILE.
16. BUILD UP OF SILT LEVELS AT CHECK DAMS TO BE REMOVED AND DISPOSED OF APPROPRIATELY. SILT LEVELS AT CHECK DAMS TO BE VISUALLY INSPECTED AS PART OF AN ONGOING DRAINAGE MAINTENANCE PROGRAMME DURING THE CONSTRUCTION PHASE. WHERE CHECK DAMS BECOME CLOGGED WITH SILT OR VEGETATION, STONE CHECK DAM TO BE REMOVED AND REPLACED SUBSEQUENT TO THE REMOVAL OF SILT.
17. SPACING AND FREQUENCY OF CHECK DAMS WILL BE DEPENDANT UPON LONGITUDINAL GRADIENT OF SWALE.
18. LOCATION OF FILTRATION CHECK DAMS (IF REQUIRED) TO BE AGREED ON SITE WITH ENGINEER. SETTLEMENT PONDS TO BE CONSTRUCTED IN A MANNER WHERE THEY MAY BE EASILY INFILLED AT A LATER DATE (POST COMPLETION OF THE TURBINE BASE AND HARDSTAND CONSTRUCTION). ONLY SUITABLE MATERIALS EXCAVATED FROM THE POND TO BE USED TO FORM PART OF THE EMBANKMENT AROUND THE POND.
19. OIL/FUEL SHOULD BE STORED WITHIN BUNDED CONTAINMENT STRUCTURES.
20. SILT BAGS WILL BE USED ON SITE AT FIELD DRAIN DISCHARGE LOCATIONS, AS NECESSARY.



MITIGATION / DRAINAGE CONTROLS AVAILABLE FOR USE ACROSS THE SITE	
MANAGEMENT TYPE	DESCRIPTION OF SUDS DRAINAGE CONTROL METHODS
AVOIDANCE CONTROLS	1) APPLICATION OF 50M BUFFER ZONES TO NATURAL WATERCOURSES WHERE POSSIBLE
	2) APPLICATION OF 10M BUFFER ZONES TO MAIN DRAINS WHERE POSSIBLE
SOURCE CONTROLS:	3) USING SMALL WORKING AREAS
	4) WORKING IN APPROPRIATE WEATHER, AND SUSPENDING CERTAIN WORK ACTIVITIES IN ADVANCE OF FORECASTED WET WEATHER
IN-LINE CONTROLS:	1) USE OF UPSTREAM INTERCEPTOR DRAINS AND DOWNSTREAM COLLECTOR DRAINS / OVERSIZED SWALES, VEE-DRAINS, DIVERSION DRAINS, FLUMES AND CULVERT PIPES
	2) EROSION AND VELOCITY CONTROL MEASURES SUCH AS: A) SAND BAGS B) OYSTER BAGS FILLED WITH GRAVEL C) FILTER FABRICS D) STRAW BALES E) FLOW LIMITERS F) WEIRS OR BAFFLES G) AND/OR OTHER SIMILAR/EQUIVALENT OR APPROPRIATE SYSTEMS.
WATER TREATMENT CONTROLS:	3) USING SMALL WORKING AREAS
	4) SURROUNDING STOCKPILES WITH SILT FENCING
OUTFALL CONTROLS:	5) WEATHERING OFF / SEALING PEAT STOCKPILES
	1) INTERCEPTOR DRAINS, VEE-DRAINS, OVERSIZED SWALES/COLLECTOR DRAINS
IN-LINE CONTROLS:	2) EROSION AND VELOCITY CONTROL MEASURES SUCH AS: A) SAND BAGS B) OYSTER BAGS FILLED WITH GRAVEL C) FILTER FABRICS D) STRAW BALES E) FLOW LIMITERS F) WEIRS OR BAFFLES G) AND/OR OTHER SIMILAR/EQUIVALENT OR APPROPRIATE SYSTEMS.
	4) IN STREAM SEDIMENTS
WATER TREATMENT CONTROLS:	5) COLLECTION SUMPS, TEMPORARY SUMPS, PUMPING SYSTEMS
	5) ATTENUATION LAGOONS
OUTFALL CONTROLS:	6) SEDIMENT TRAPS, STILLING / SETTLEMENT PONDS
	1) TEMPORARY SUMPS
WATER TREATMENT CONTROLS:	2) ATTENUATION LAGOONS
	3) TEMPORARY STORAGE LAGOONS
OUTFALL CONTROLS:	4) SEDIMENT TRAPS, STILLING / SETTLEMENT PONDS
	5) PROPRIETARY SETTLEMENT SYSTEMS SUCH AS SILTBUSTER, AND/OR OTHER SIMILAR/EQUIVALENT OR APPROPRIATE SYSTEMS.
WATER TREATMENT CONTROLS:	6) SILT DEWATERING BAGS
	1) LEVELSPREADERS
OUTFALL CONTROLS:	2) BUFFERED OUTFALLS
	3) VEGETATION FILTERS
OUTFALL CONTROLS:	4) SILT DEWATERING BAGS
	5) FLOW LIMITERS AND WEIRS

DRAWING LEGEND:

- EXISTING DRAINS
- REDIRECTED DRAINS
- UPSTREAM INTERCEPTOR DRAIN
- SWALES/DOWNSTREAM COLLECTOR DRAIN (SDCD)
- DIRECTION OF FLOW
- SILT FENCES (SF)
- DOUBLE SILT FENCES (DSF)
- SETTLEMENT POND - LEVEL SPREADER
- CHECK DAM 'TYPE A'
- CHECK DAM 'TYPE B'
- INTERCEPTOR DITCH CULVERT
- COLLECTOR DITCH CULVERT
- OVERLAND FLOW DISCHARGE
- TW TREATED WATER DISCHARGE
- SP SETTLEMENT POND
- SEMI-NATURAL VEGETATION SWALE / FILTER BED /SECONDARY SP
- PUMPING SUMP
- PLANNING APPLICATION BOUNDARY - S182 GRID CONNECTION APPLICATION
- EXISTING GROUND SURFACE
- MAJOR CONTOUR (10 M INTERVALS)
- EXISTING GROUND SURFACE
- MAJOR CONTOUR (1 M INTERVALS)
- PROPOSED NEW ACCESS TRACK (PERMANENT)
- TEMPORARY CONSTRUCTION TRACKS
- PROPOSED 110kV SUBSTATION
- TEMPORARY CONSTRUCTION COMPOUND
- PROPOSED 110kV GRID CONNECTION CABLE ROUTE
- END MAST
- PROPOSED FELLING AREA
- FILL AREA
- CUT AREA

KEY PLAN

500M 1000M

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Date	Description	Chkd	Signed
Revisions			

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Client: CUNLAGHFADDA GREEN ENERGY LTD

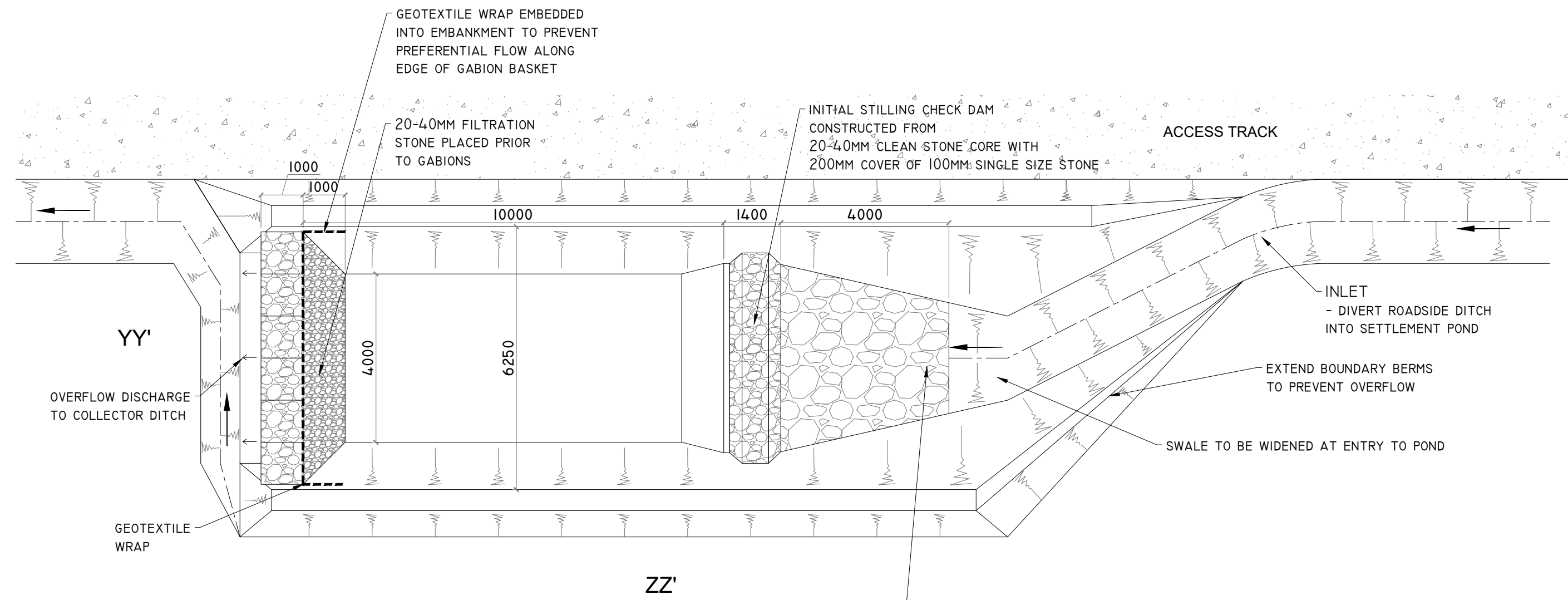
Job: CUNLAGHFADDA S182 GRID CONNECTION APPLICATION, CO. MAYO

Title: CONSTRUCTION PHASE PROPOSED DRAINAGE LAYOUT

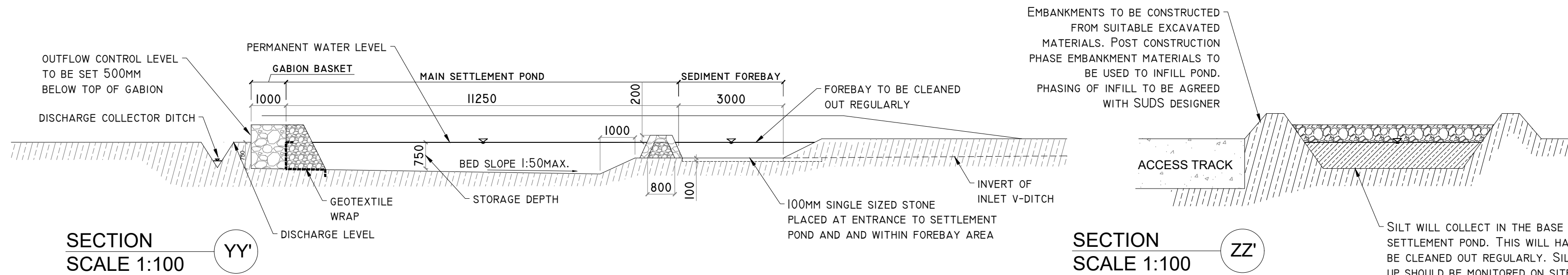
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Drawing No: P1646-0-0426-A1-D101_GC-008

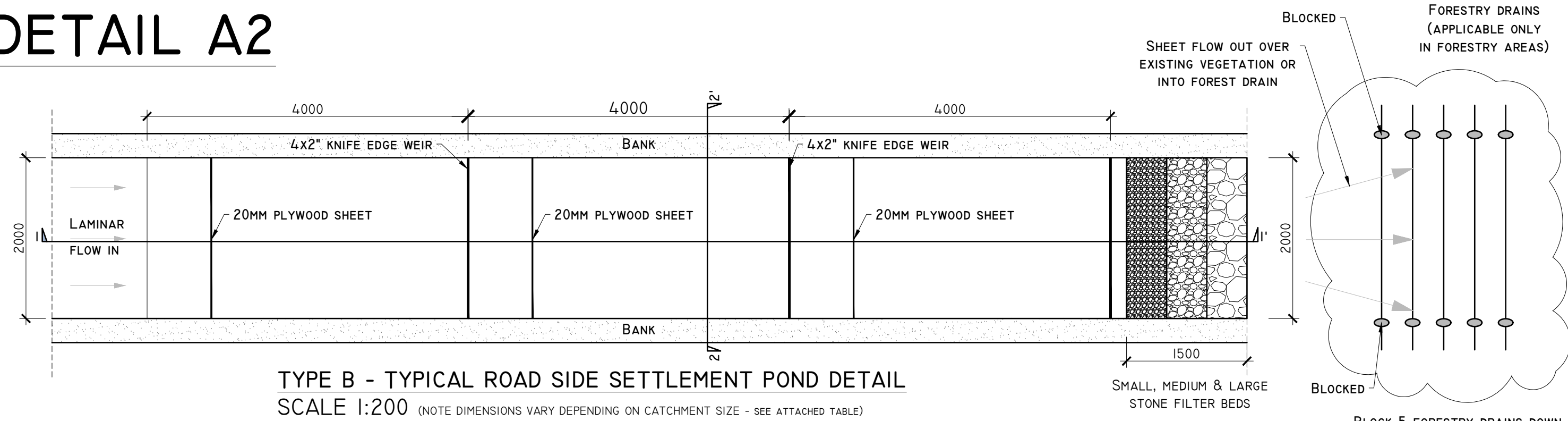
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Scale: 1:2,000 (A1)	Drawn By: GA
Date: 30/04/2026	Checked By: MG



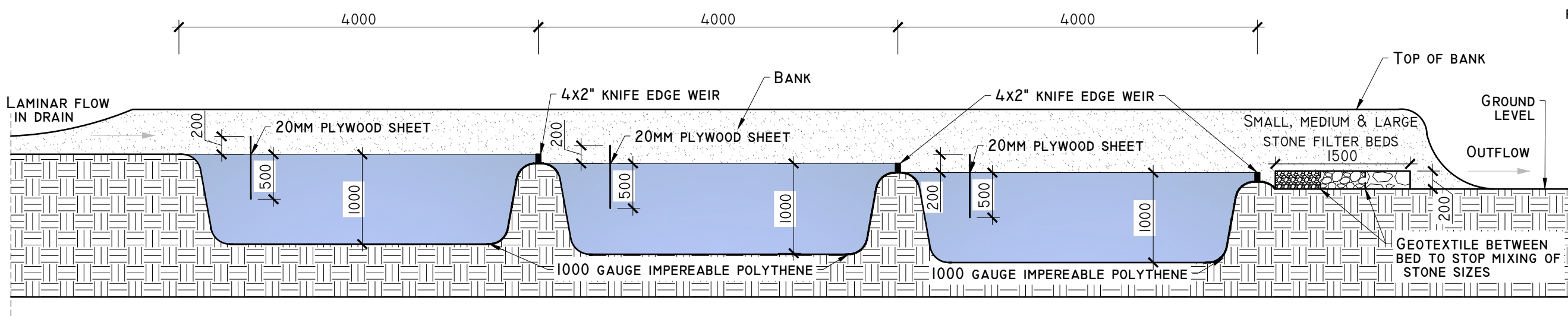
TYPE A - ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:100 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



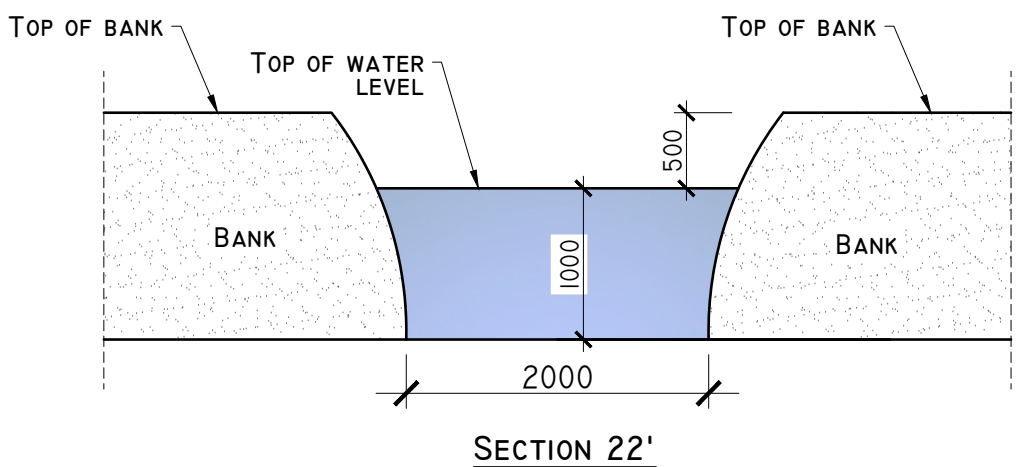
DETAIL A2



TYPE B - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:200 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



SECTION II'
SEDIMENT FENCE/CHECK DAM DETAIL

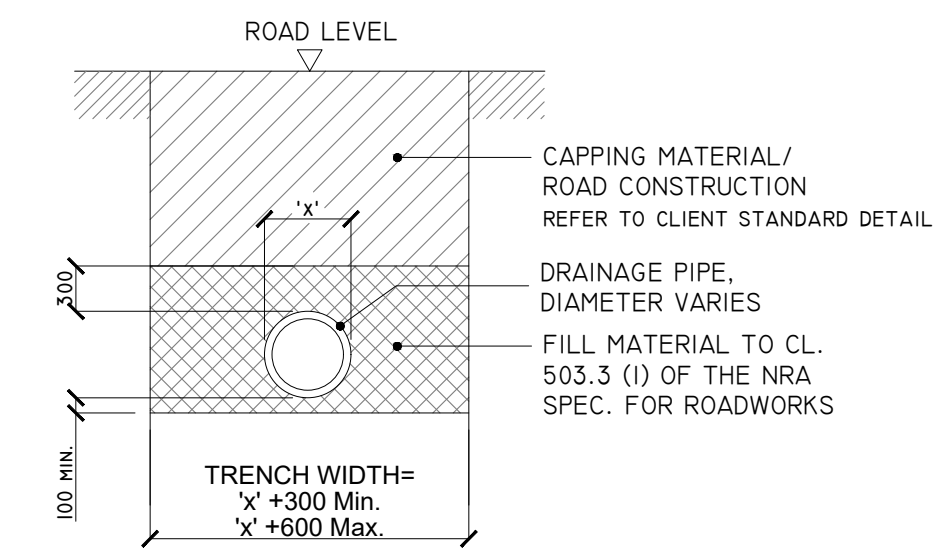


POND SIZE W [M] x L [M] x D [M]				TRACK/HARDSTAND CATCHMENT SIZE (M²)			BORROW PIT (M²)
RETURN PERIOD	10 YRS	STORM DURATION		500	1000	2000	5269
6HR RETENTION FOR COARSE SILT	6 HRS	2.6 x 8.2 x 1 M		3.7 x 11.5 x 1 M	5.2 x 16.3 x 1 M	N/A	
11HR RETENTION FOR MEDIUM SILT	12 HRS	4.0 x 12.0 x 1 M		5.5 x 17.4 x 1 M	8.0 x 24.0 x 1 M	N/A	
24HR RETENTION FOR FINE SILT	24 HRS	6.7 x 20.4 x 1 M		9.5 x 28.8 x 1 M	13.5 x 40.5 x 1 M	22.0 x 66.9 x 1 M*	

*OR 2 x SPs: 15.5 x 47.5 x 1 M

DETAIL A1

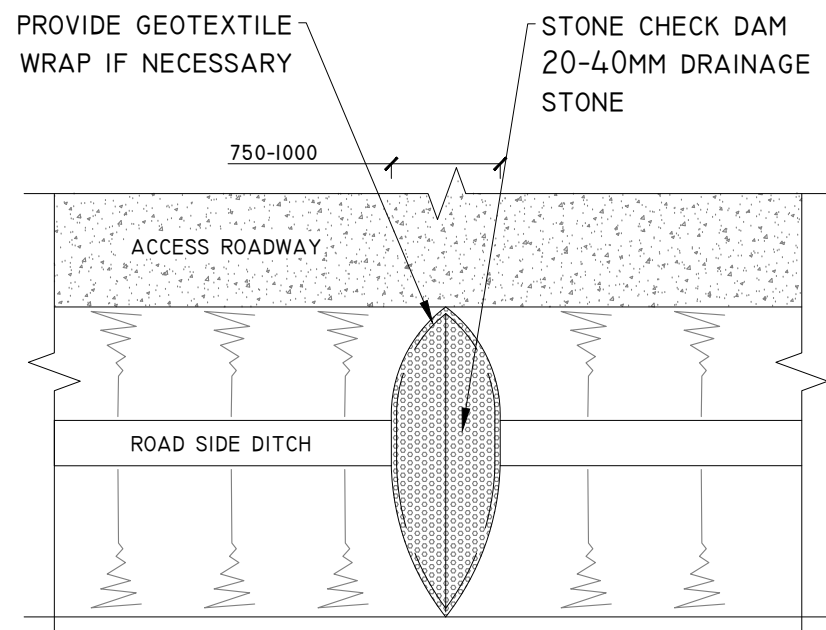
DETAIL B



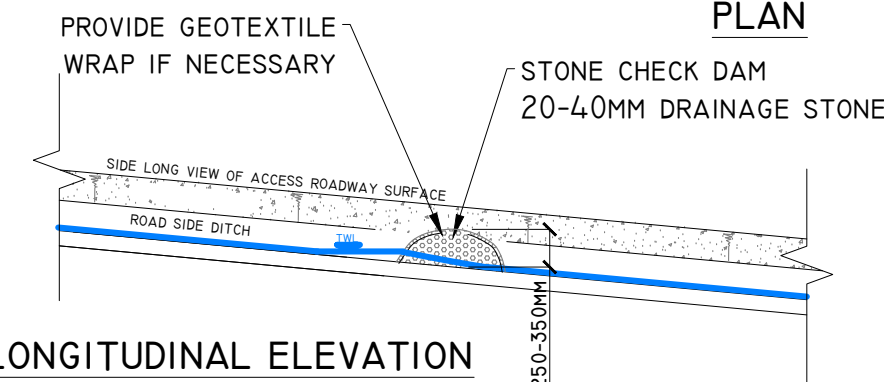
'TYPE B' CULVERT - DRAINAGE CROSSING
BENEATH EXCAVATED ROAD

SCALE 1:50

DETAIL C



PLAN

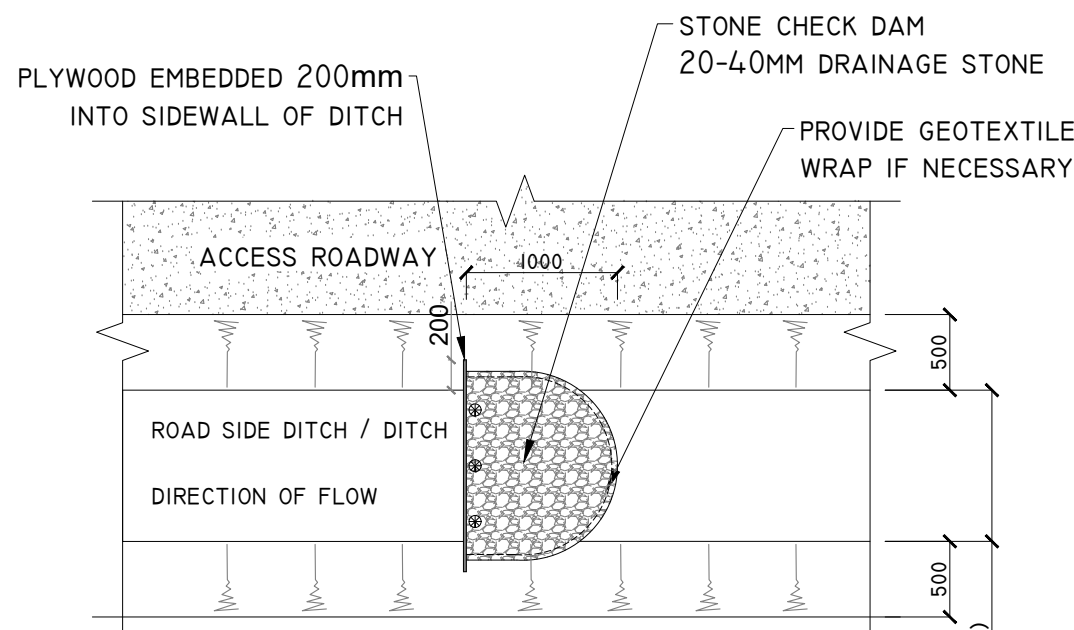


LONGITUDINAL ELEVATION

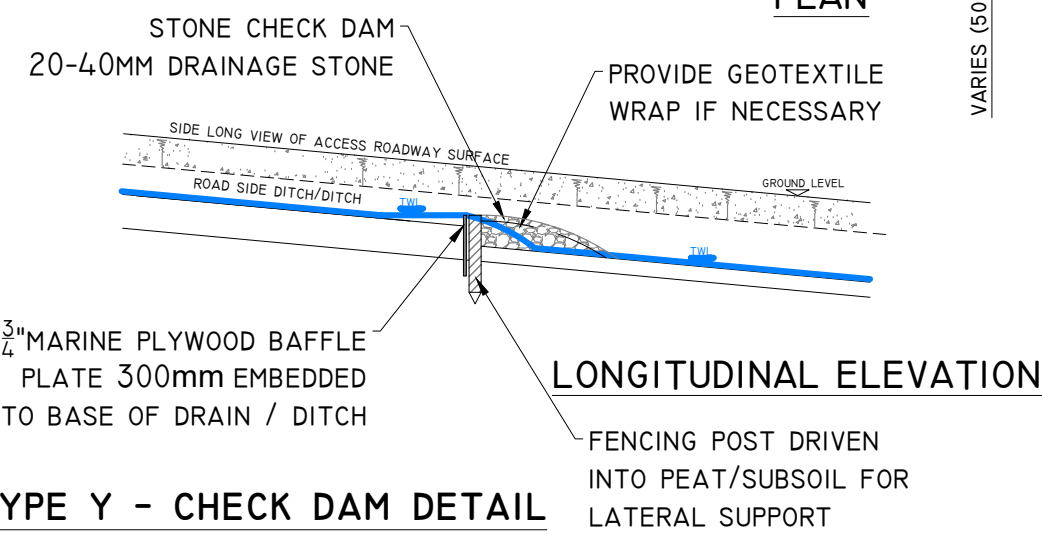
TYPE X - CHECK DAM DETAIL

SCALE 1:50

DETAIL D



PLAN

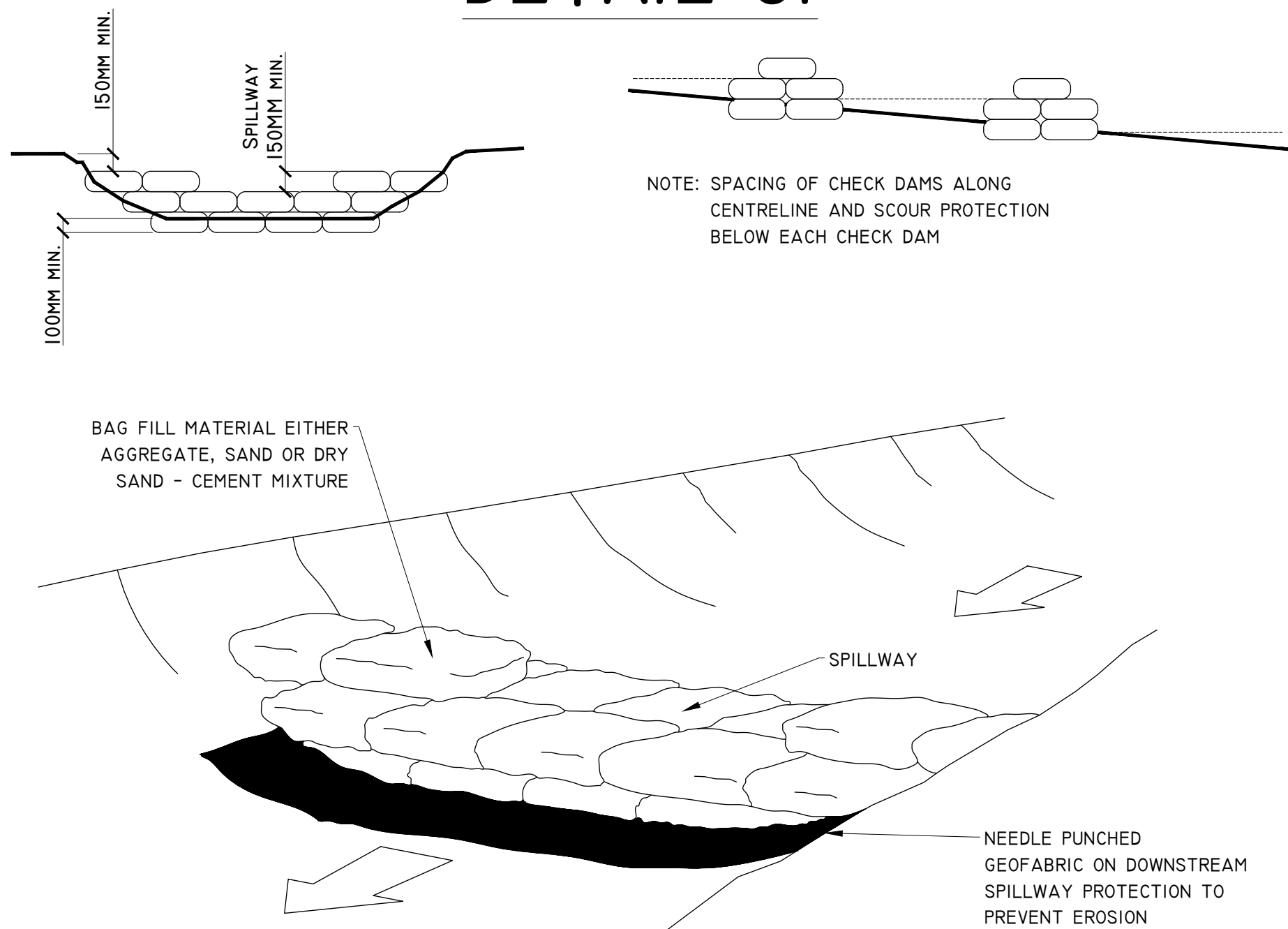


LONGITUDINAL ELEVATION

TYPE Y - CHECK DAM DETAIL

SCALE 1:100

DETAIL C1



TEMPORARY CHECK DAM / SETTLEMENT POND OVERFLOW
SAND FILLED BAG CONSTRUCTION

SCHEMATIC - NOT TO SCALE

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Date	Description	Chkd	Signed
Revisions			

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Client:
CUNLAGHFADDA GREEN ENERGY LTD

Job:
CUNLAGHFADDA, Co. MAYO

Title:
DRAINAGE DETAILS I

Figure No: D501

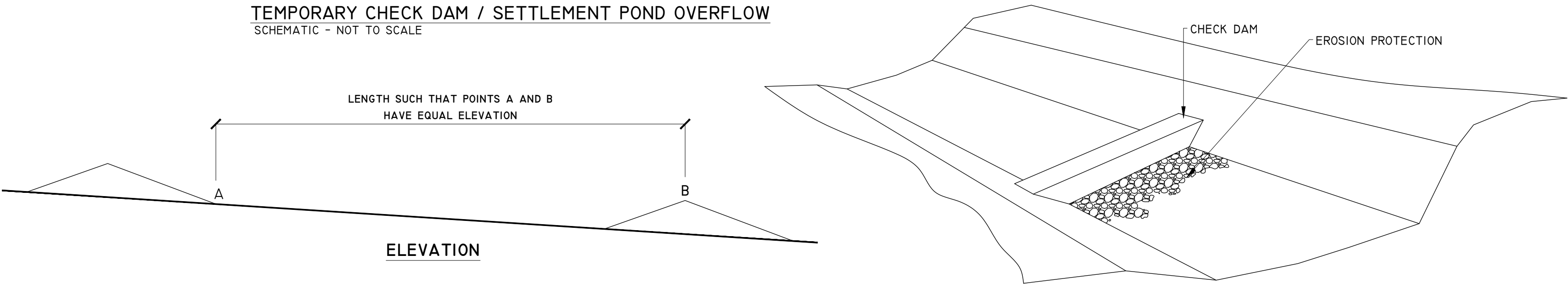
Drawing No: P1646-0-0426-A1-D501-00A

Sheet Size: A1 Project No.: P1646-0

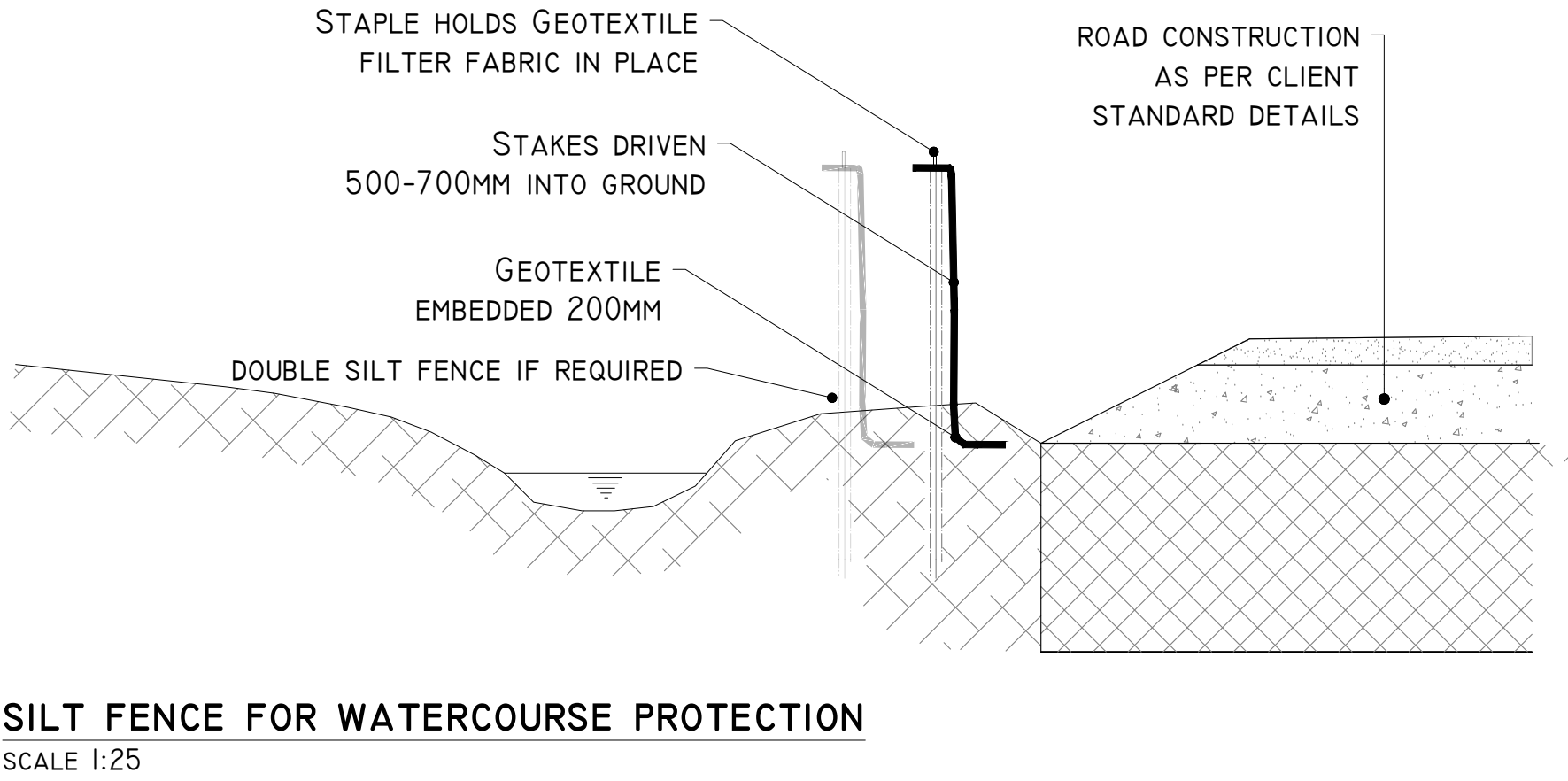
Scale: as shown (A1) Drawn By: GA

Date: 30/04/2026 Checked By: MG

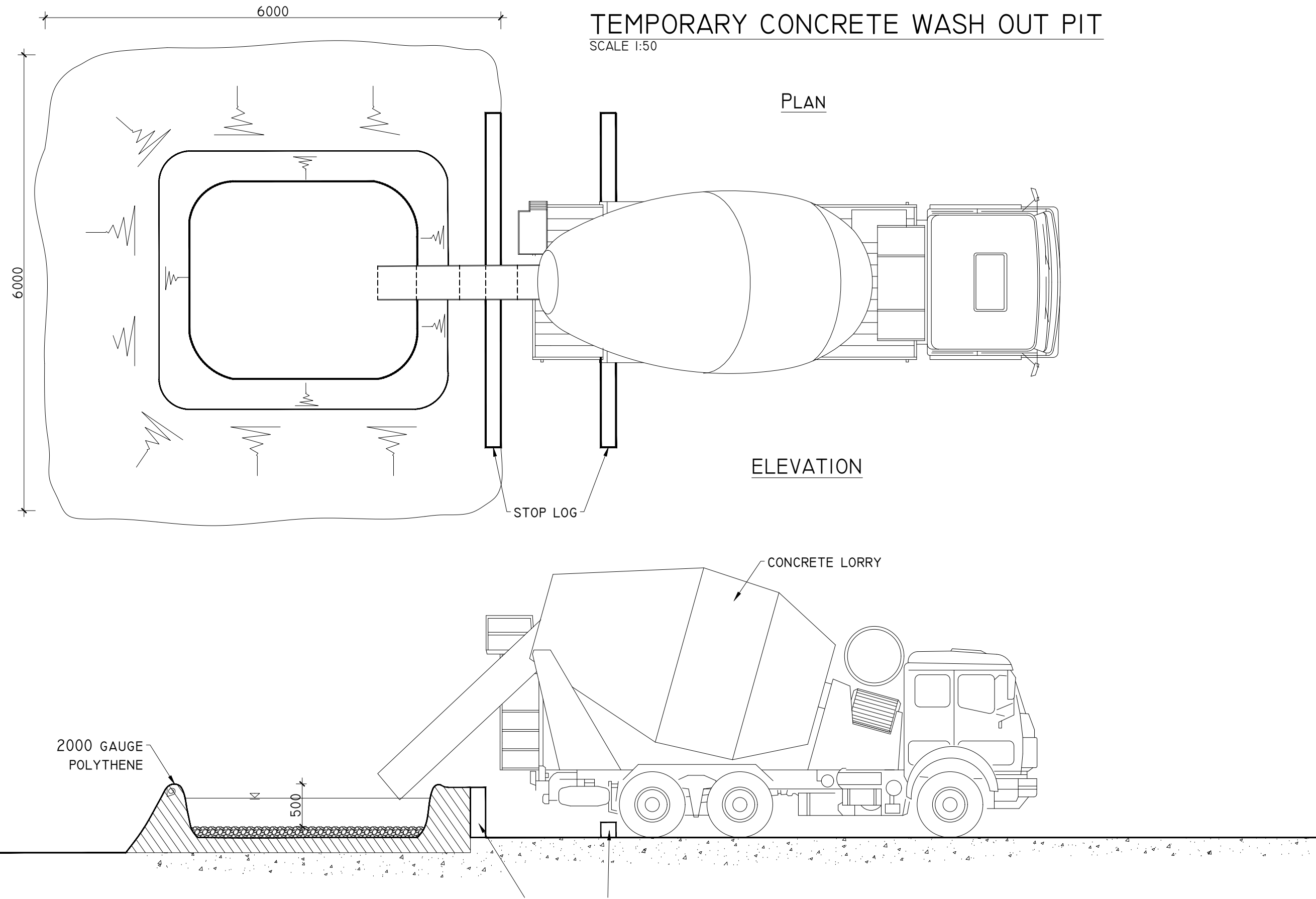
DETAIL C2



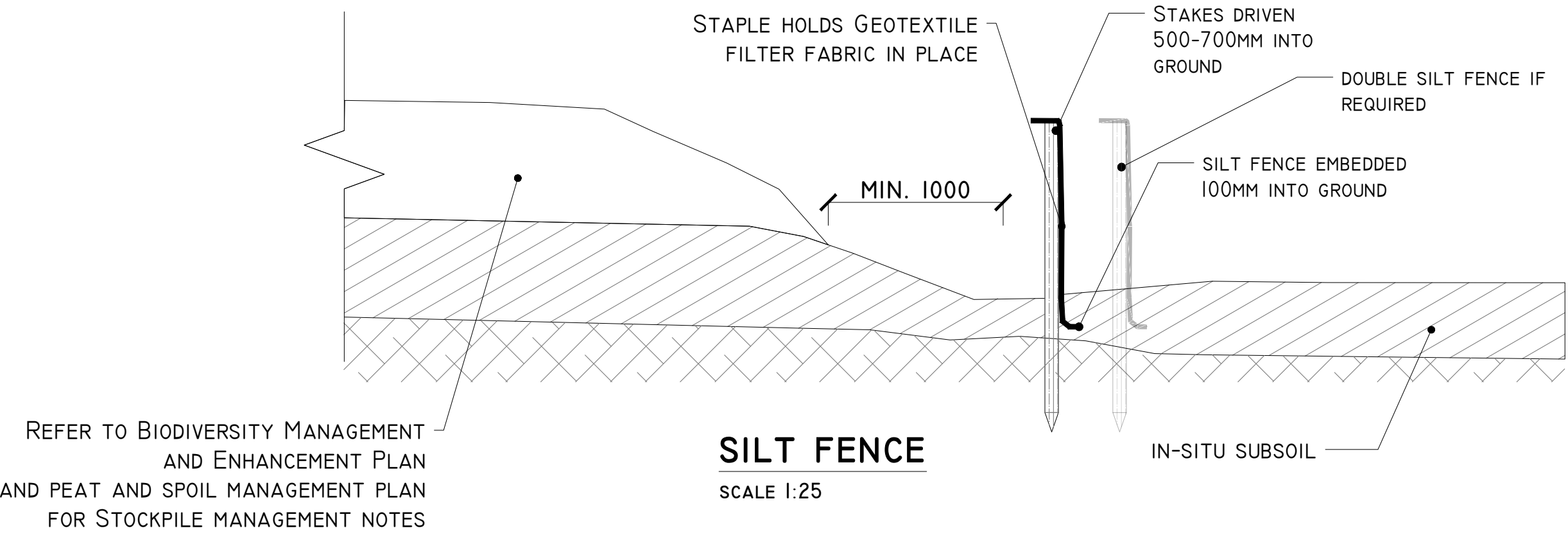
DETAIL E-II



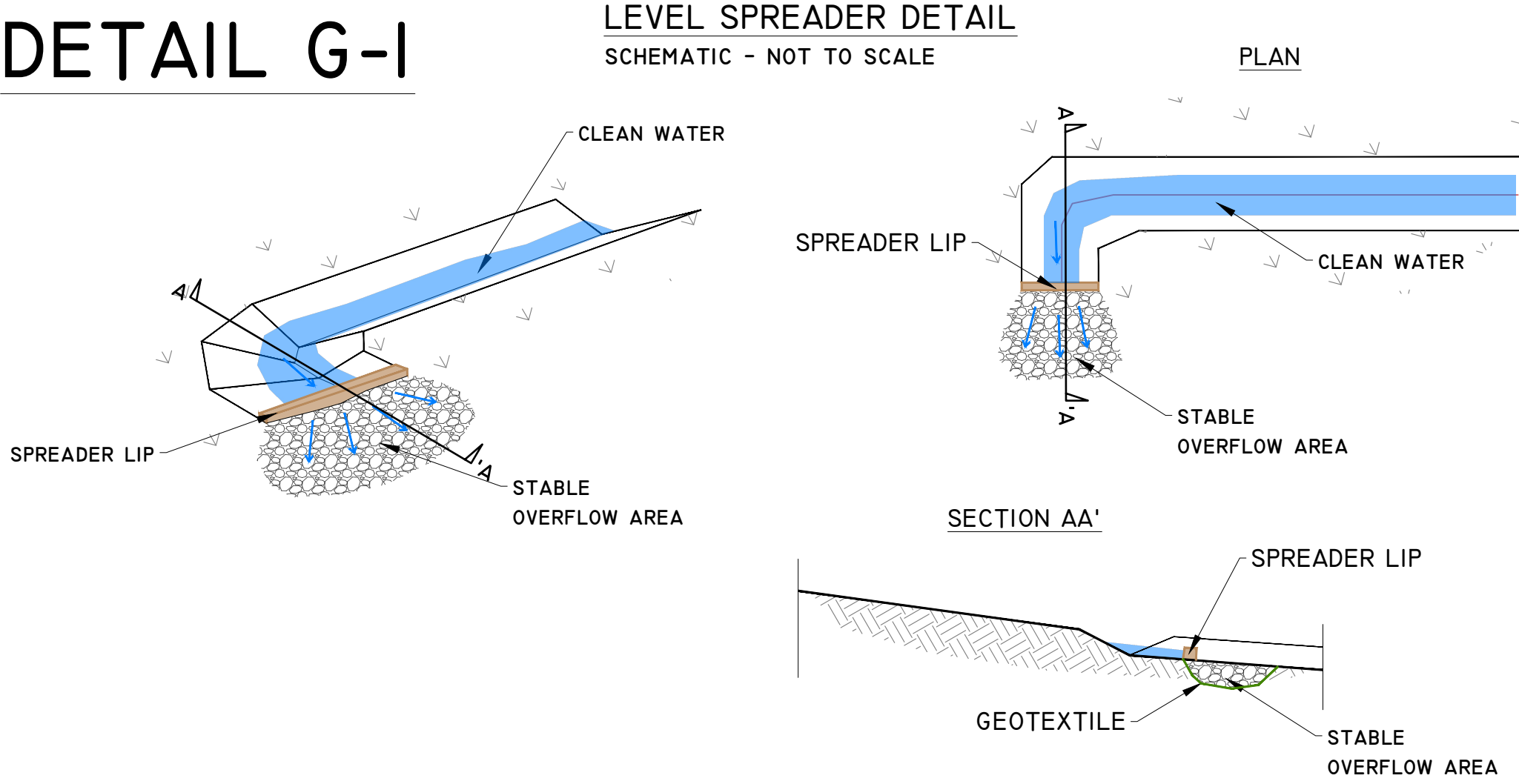
DETAIL F



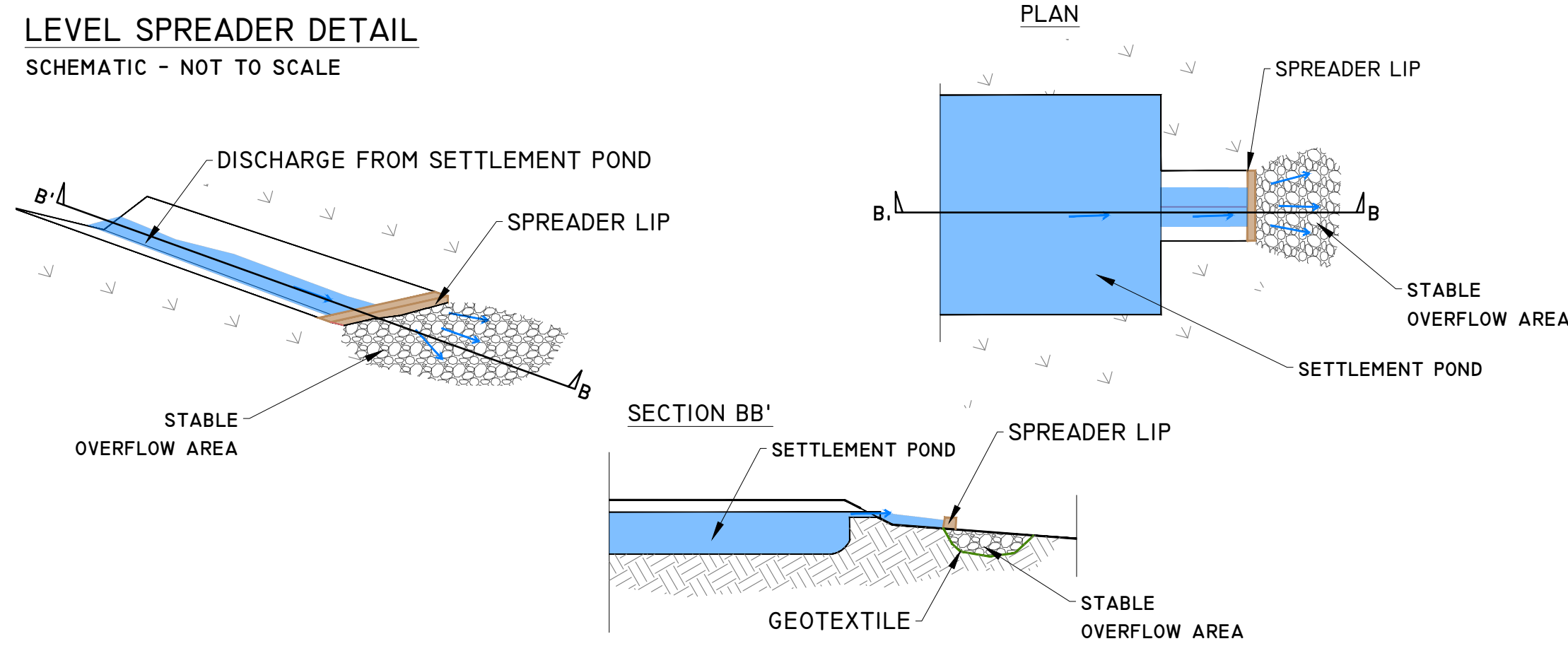
DETAIL E-I



DETAIL G-I



DETAIL G-2

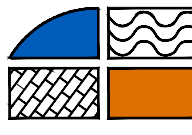


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Date	Description	Chkd	Signed
Revisions			
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Client: CUNLAGHFADDA GREEN ENERGY LTD			
Job: CUNLAGHFADDA, Co. MAYO			
Title: DRAINAGE DETAILS 2			
Figure No: D502			
Drawing No: P1646-0-0426-A1-D502-00A			
Sheet Size: A1		Project No.: P1646-0	
Scale: as shown (A1)		Drawn By: GA	
Date: 30/04/2026		Checked By: MG	