



Assessment of Landscape Effects

GRAPHIC SUPPLEMENT

Foxton Solar Farm

Wall Road & Motuiti Road

**FAST TRACK APPROVALS ACT
APPLICATION**

December 2025

Information and Quality Control

Prepared for Genesis Energy Limited (Genesis)



Document Name Assessment of Landscape Effects - Graphic Supplement

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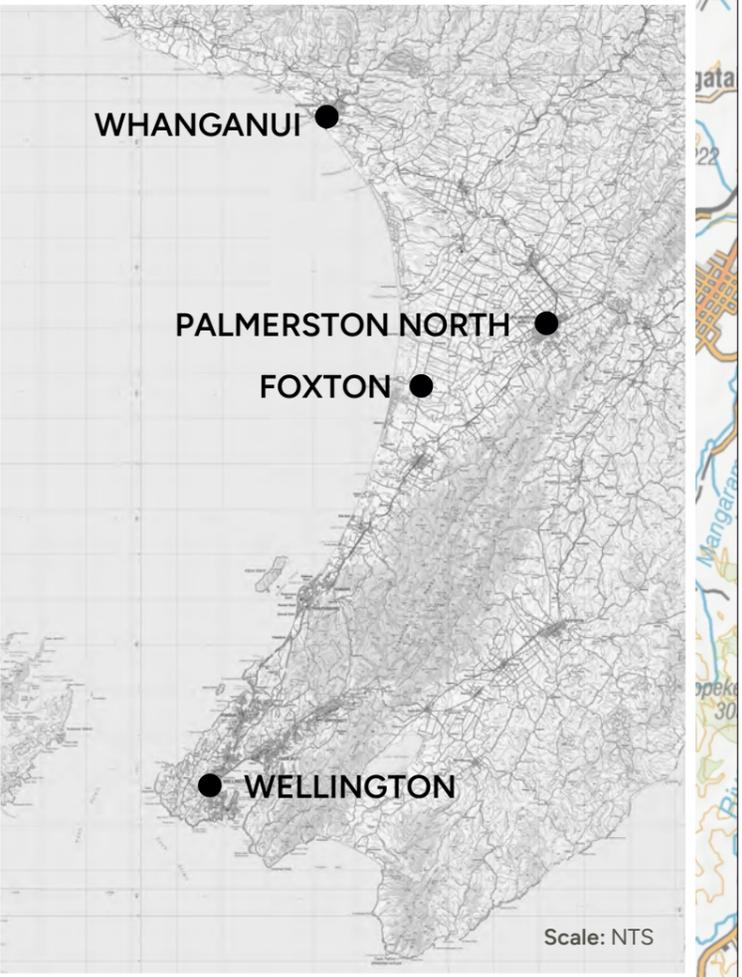
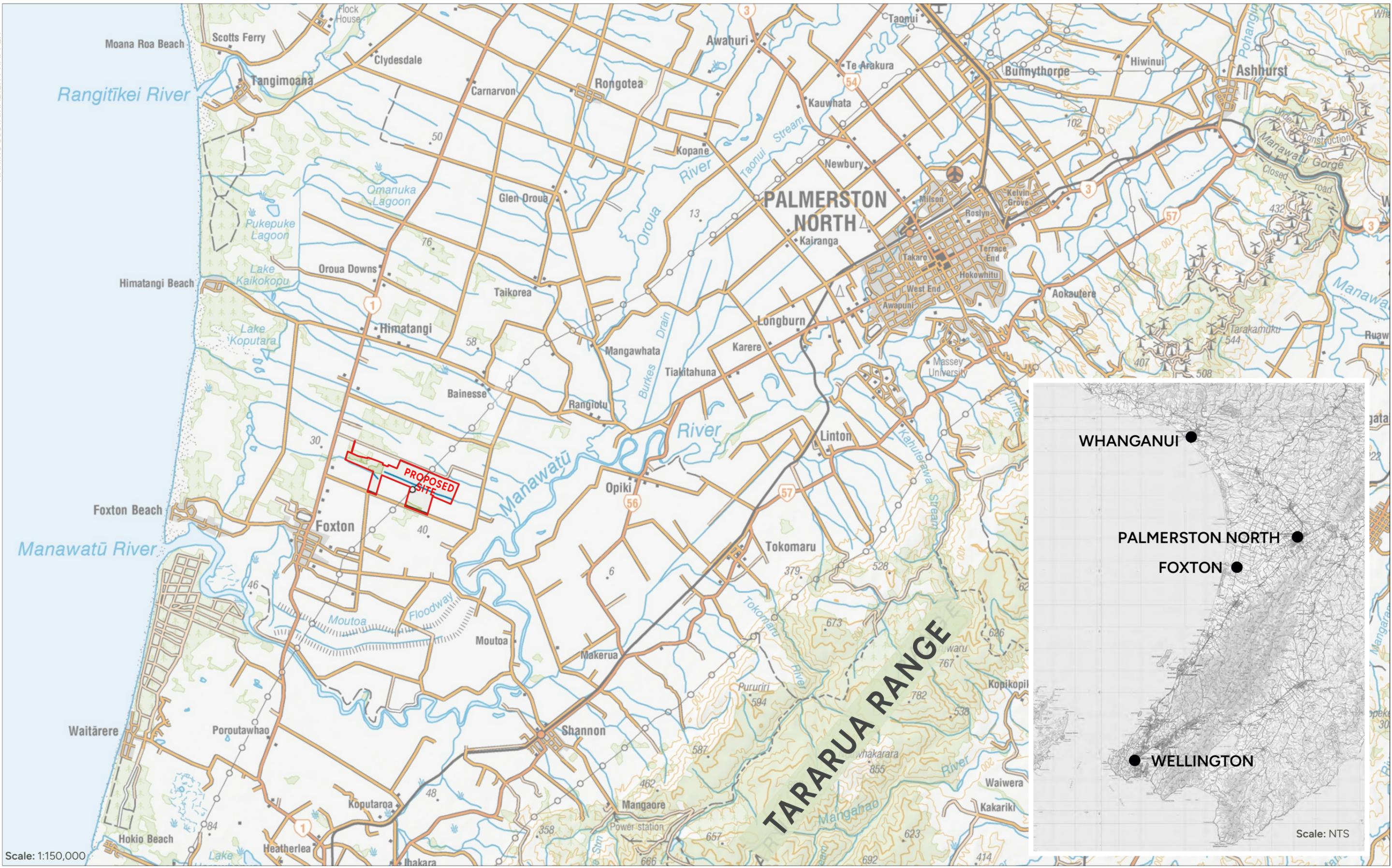
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Scale: 1:150,000

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FOXTON SOLAR FARM

SITE LOCATION PLAN

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

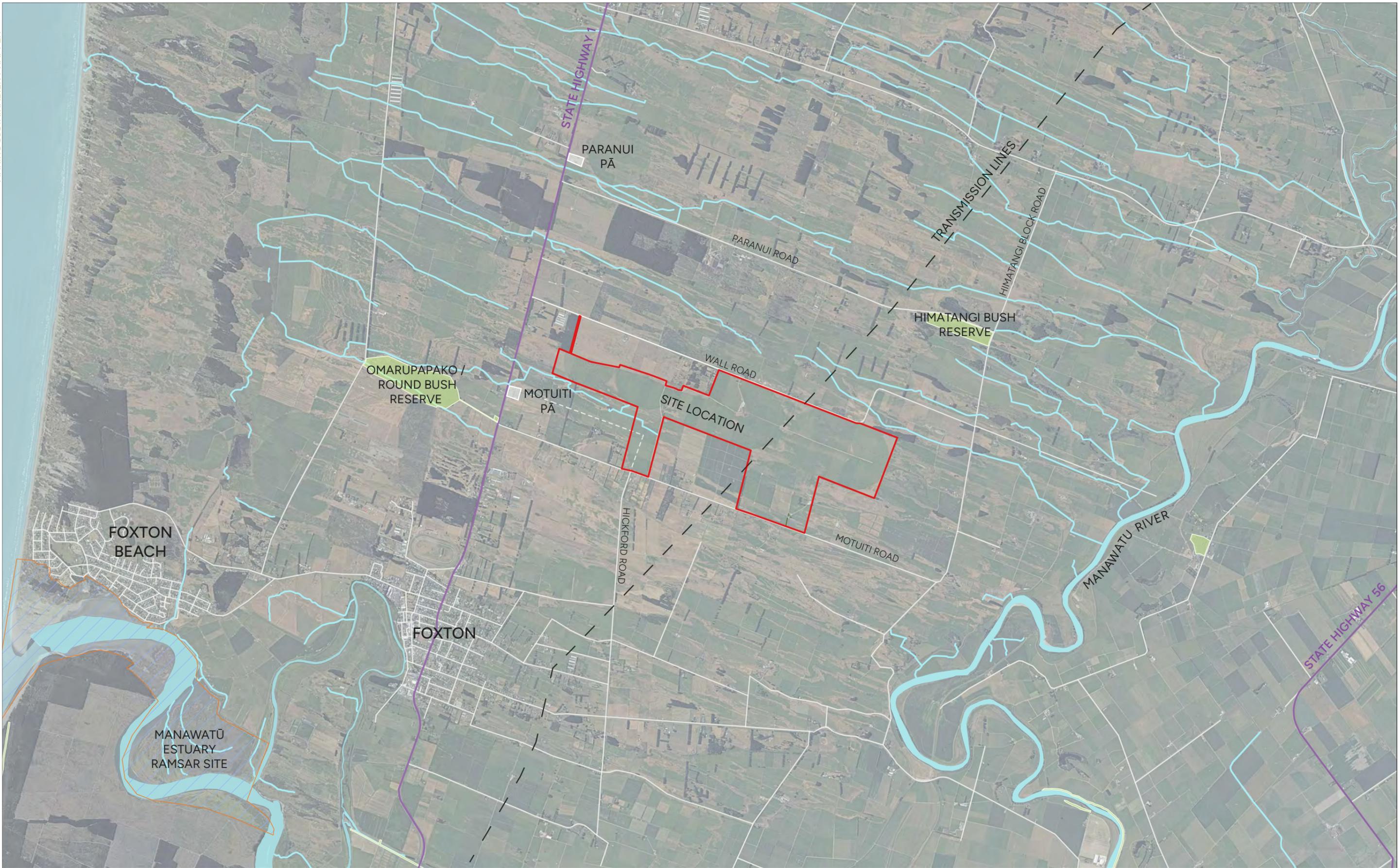
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A3 Scale: AS SHOWN



LA01



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FOXTON SOLAR FARM
LANDSCAPE CONTEXT PLAN

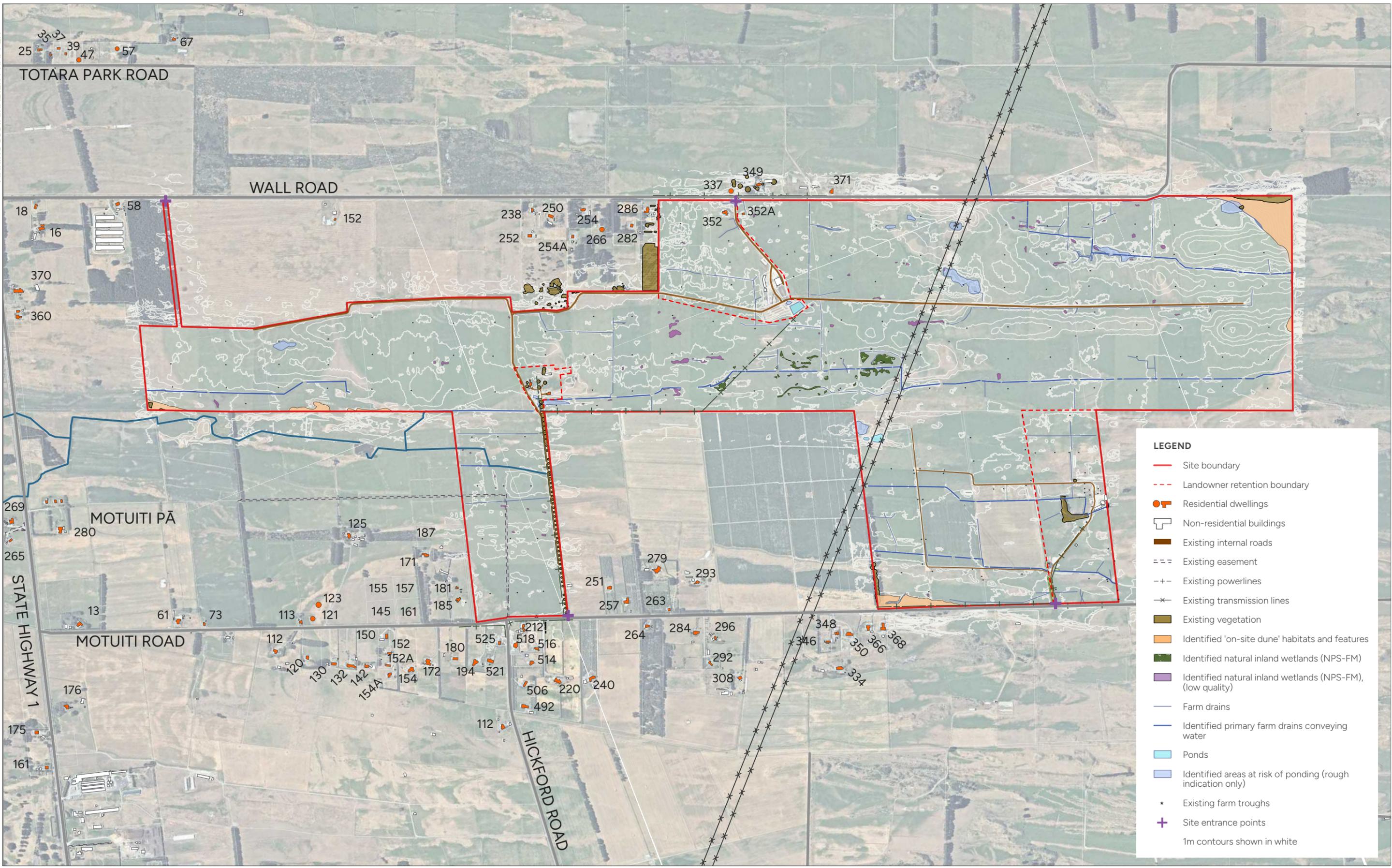
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Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
A3 Scale: 1:50,000



LA02



LEGEND

- Site boundary
- - - Landowner retention boundary
- Residential dwellings
- Non-residential buildings
- Existing internal roads
- - - Existing easement
- + - Existing powerlines
- x Existing transmission lines
- Existing vegetation
- Identified 'on-site dune' habitats and features
- Identified natural inland wetlands (NPS-FM)
- Identified natural inland wetlands (NPS-FM), (low quality)
- Farm drains
- Identified primary farm drains conveying water
- Ponds
- Identified areas at risk of ponding (rough indication only)
- * Existing farm troughs
- + Site entrance points
- 1m contours shown in white

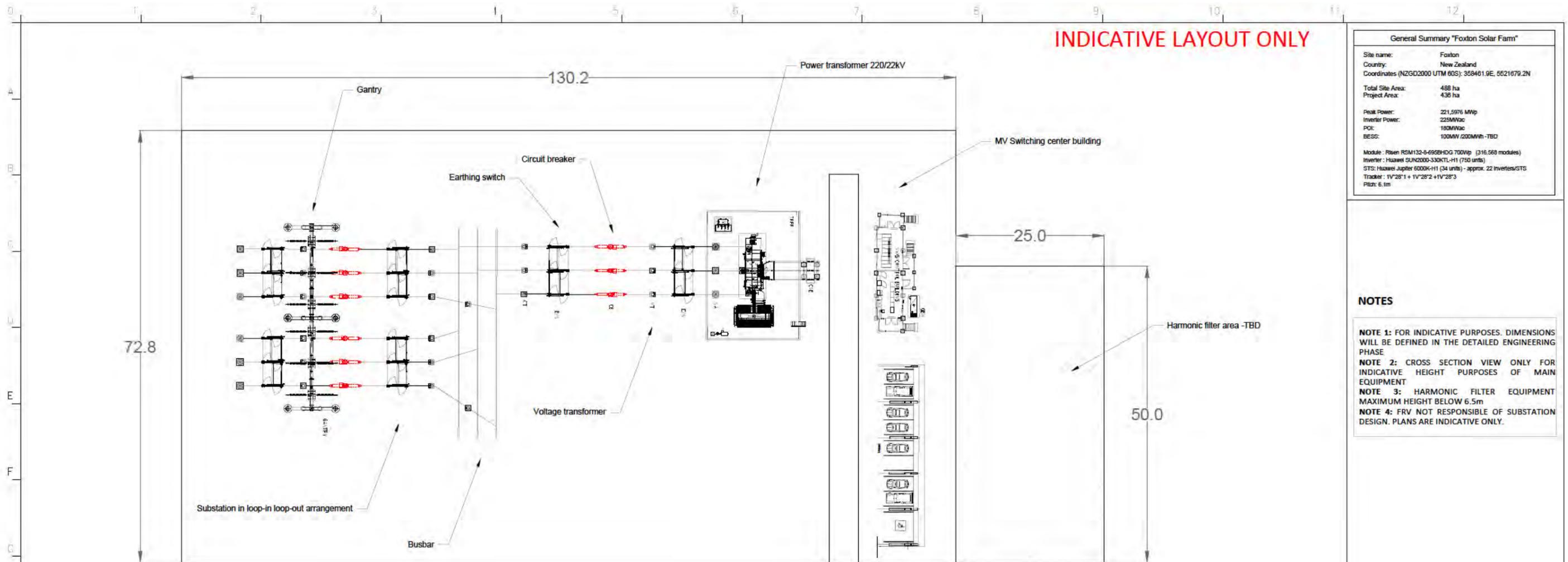
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FOXTON SOLAR FARM
SITE CONTEXT PLAN
 SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

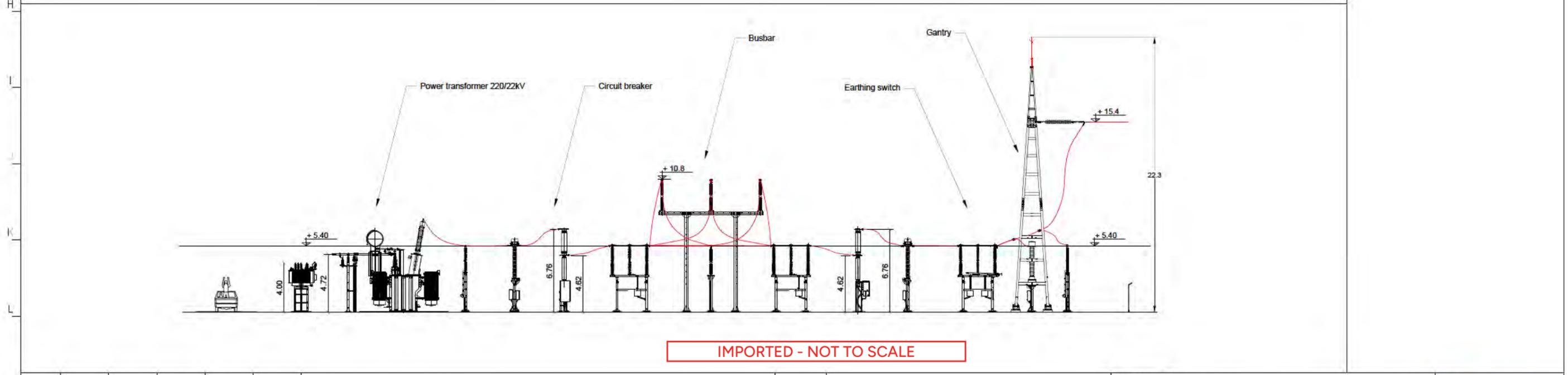
Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
 A3 Scale: 1:15,000
 0 150 300 450 m



General Summary "Foxton Solar Farm"	
Site name:	Foxton
Country:	New Zealand
Coordinates (NZGD2000 UTM 60S):	358481.9E, 5621079.2N
Total Site Area:	488 ha
Project Area:	438 ha
Peak Power:	221,5976 MWp
Inverter Power:	225MWac
POI:	180MWac
BESS:	100MW / 200MWh - TBD
Module:	Risen RSM132-6-695BHDG 700Wp (316,568 modules)
Inverter:	Huawei SUN2000-330KTL-H1 (750 units)
STS:	Huawei Jupiter 6000K-H1 (34 units) - approx. 22 inverters/STS
Tracker:	1V'28"1 + 1V'28"2 + 1V'28"3
Pitch:	6.1m

- NOTES**
- NOTE 1: FOR INDICATIVE PURPOSES. DIMENSIONS WILL BE DEFINED IN THE DETAILED ENGINEERING PHASE
 - NOTE 2: CROSS SECTION VIEW ONLY FOR INDICATIVE HEIGHT PURPOSES OF MAIN EQUIPMENT
 - NOTE 3: HARMONIC FILTER EQUIPMENT MAXIMUM HEIGHT BELOW 6.5m
 - NOTE 4: FRV NOT RESPONSIBLE OF SUBSTATION DESIGN. PLANS ARE INDICATIVE ONLY.



Source: 'Substation Details' provided by client (dated November 2024).

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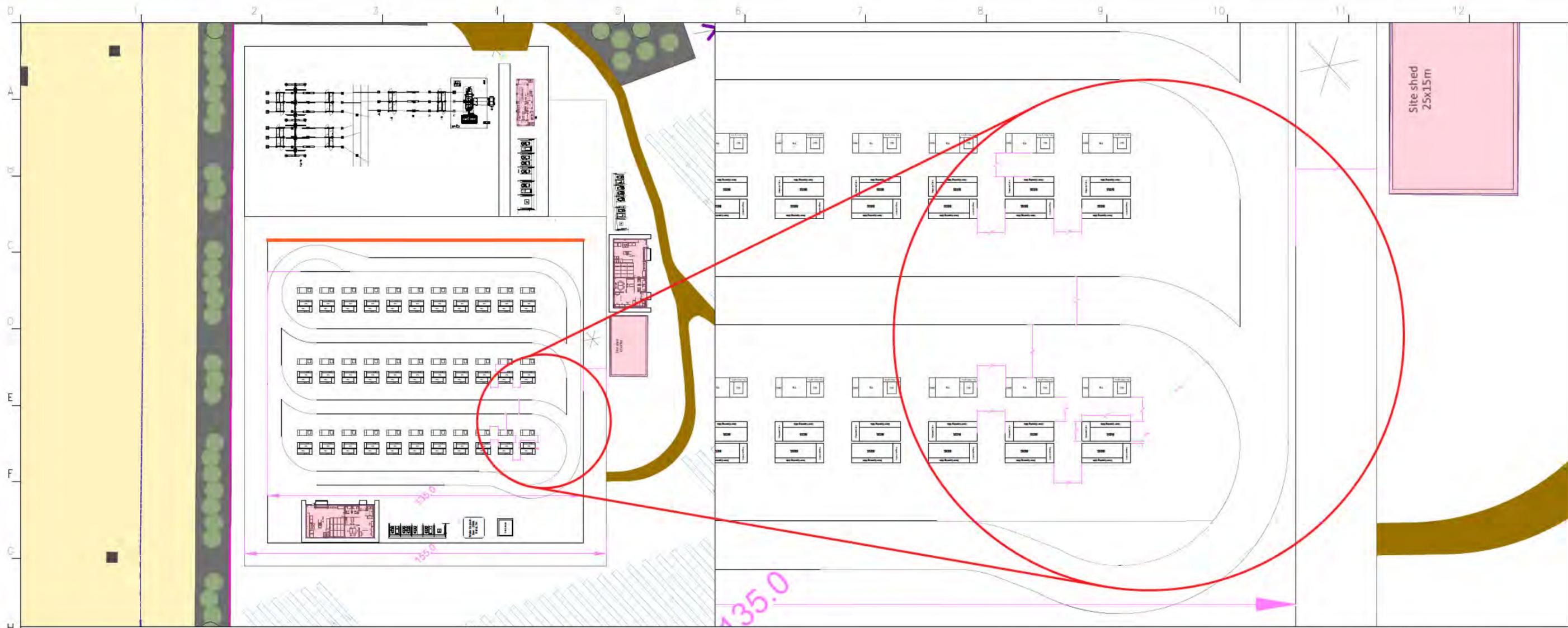


FOXTON SOLAR FARM
SUBSTATION LAYOUT
 SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

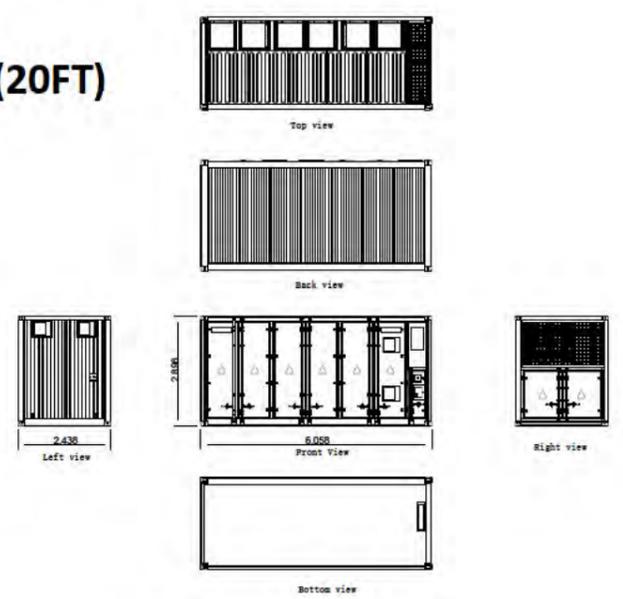
Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
 A3 Scale: N/A

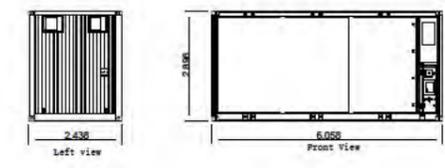
LA05



BESS CONTAINER (20FT)



BESS POWER CONVERTER STATION - PCS



Setback distances between BESS units will be in accordance with manufacturer's instructions, once we have selected technology

IMPORTED - NOT TO SCALE

INDICATIVE LAYOUT ONLY

Source: 'BESS' provided by client (dated November 2024).

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FOXTON SOLAR FARM

BESS LAYOUT

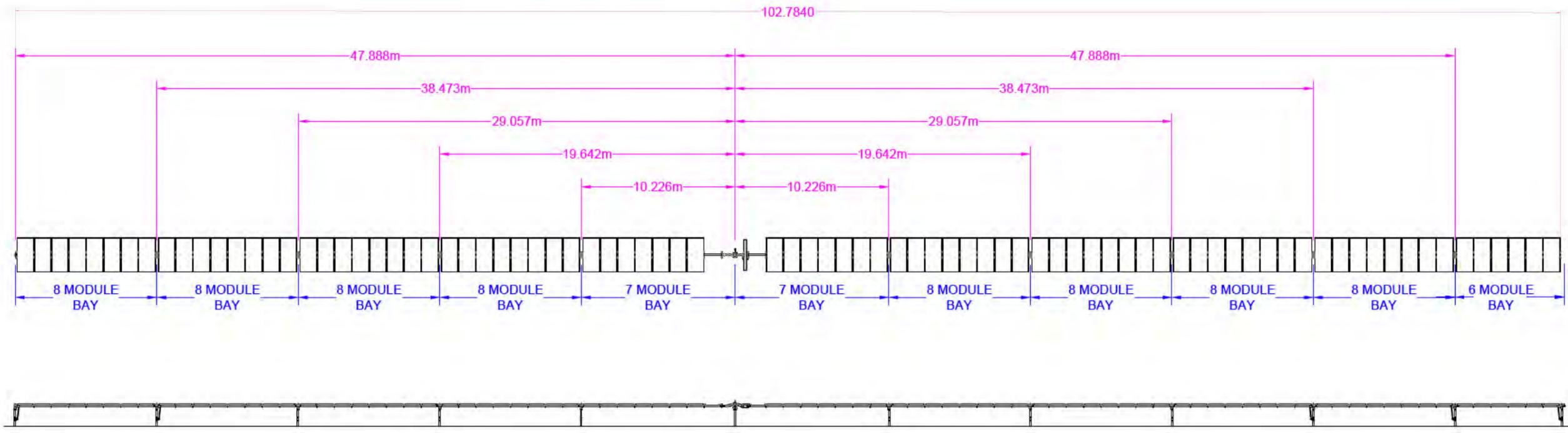
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

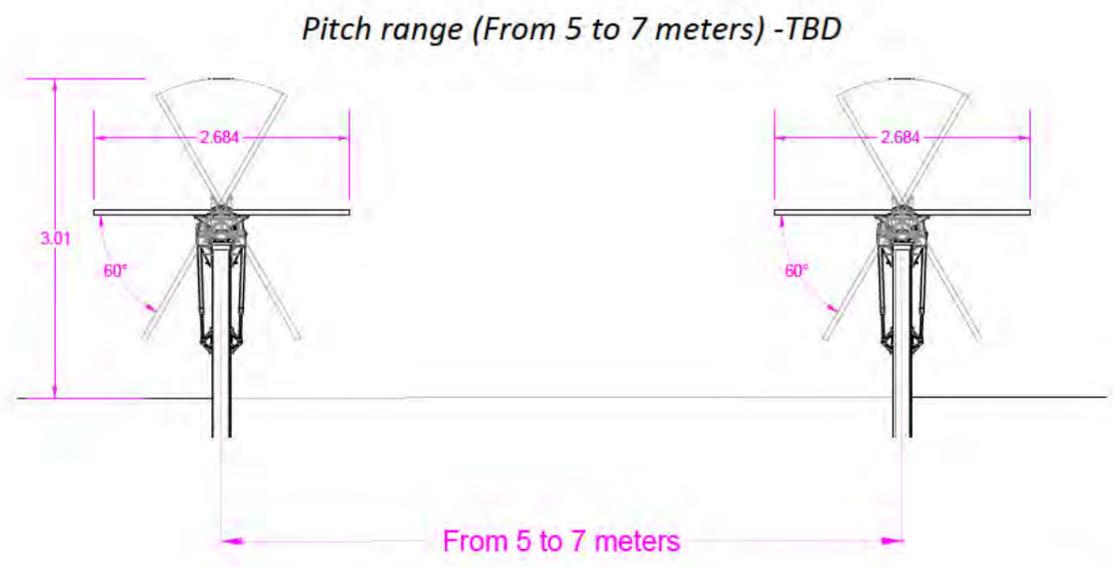
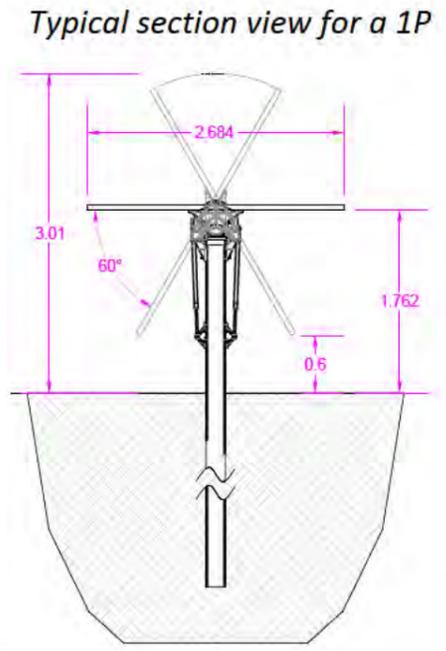
Date: 15/12/2025
A3 Scale: N/A

LA06

TRACKER - 84 PV MODULES (1Px28modules/stringx3strings)



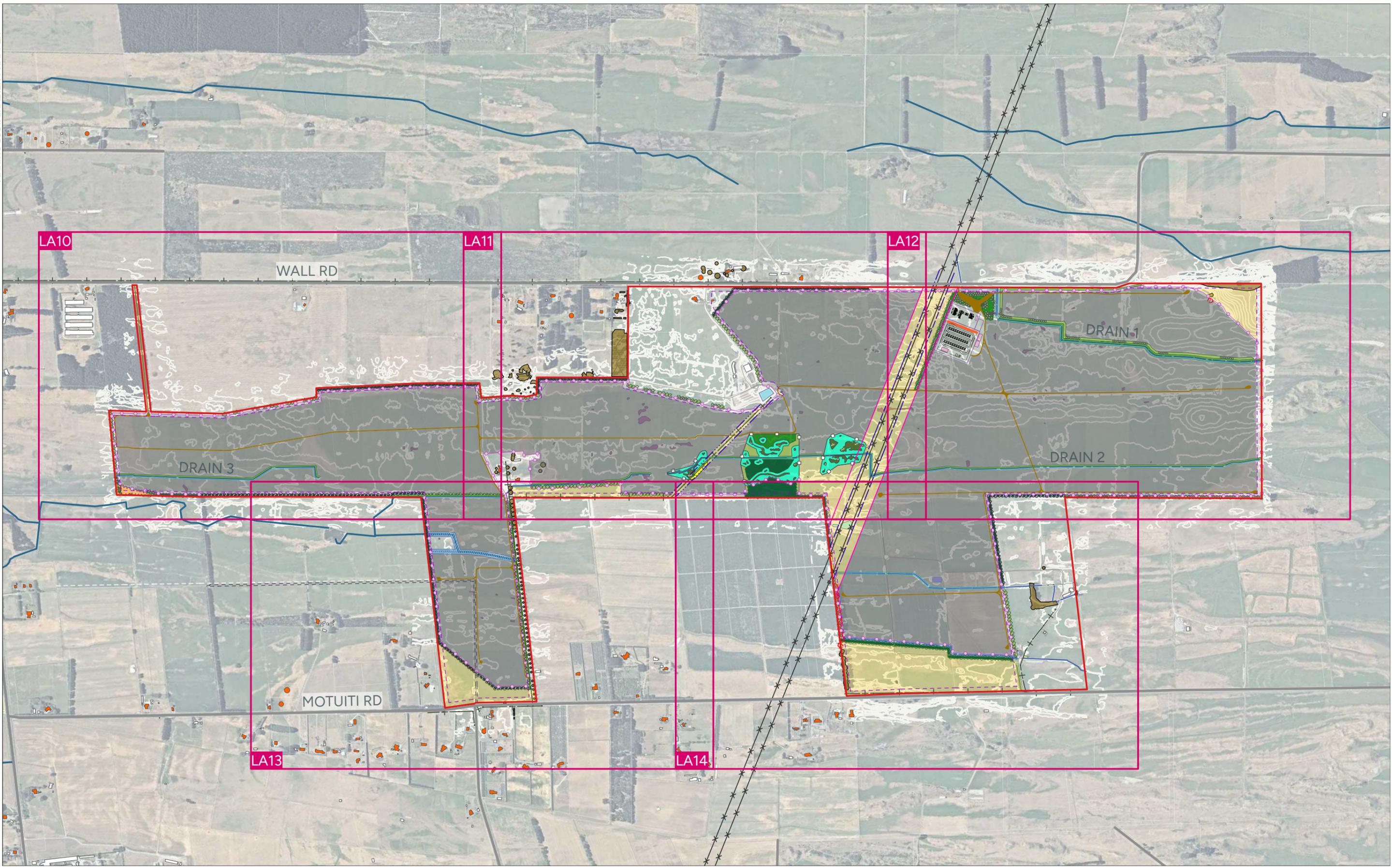
TYPICAL SECTION VIEW OF 1P



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INDICATIVE LAYOUT ONLY

Source: 'PV Tracker Detail' provided by client (dated November 2024).



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FOXTON SOLAR FARM
PROPOSED MITIGATION & ENHANCEMENT PLAN (WHOLE SITE)

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
 A3 Scale: 1:15,000



LA08

EXISTING SITE FEATURES

-  Propoerty boundary (Site)
-  Project area
-  Site security fencing
-  Existing power lines
-  Existing transmisson lines
-  Watercourses / drains
-  Existing ponds
-  Residential dwellings
-  New dwellings
-  Non-residential buildings
-  Existing trees
-  Existing low quality wetlands
-  Existing culverts
-  Existing farm pond
-  1m contours displayed in white

PROPOSED SITE FEATURES

-  Proposed non-development areas
-  Proposed solar development areas
-  Proposed solar panels
-  Proposed internal roads
-  Proposed acoustic wall
-  Proposed stock fencing
-  20m offset from boundary
-  50m transmission line offset (provided by client)
-  12m planting offset from transmission lines
-  12m powerline offset (provided by client)
-  Existing trees / hedgerows to be removed
-  10m drain offset

PROPOSED ECOLOGICAL ENHANCEMENT

-  Proposed wetland planting
-  Proposed riparian planting (2-3m height, generally located north of farm drains)
-  Proposed riparian planting (1.5m height)

PROPOSED MITIGATION

-  Proposed specimen trees (Anticipated mature height range 12m-15m)
-  Proposed hedgerow (Maintained at minimum 6m height)
-  Proposed hedgerow (Anticipated mature height range 8m-10m)
-  Proposed native revegetation (Full height) (Anticipated mature height range 12m-15m)
-  Proposed native revegetation planting (Anticipated mature height 8m)
-  Proposed native revegetation planting (Anticipated mature height 6m)
-  Proposed native shrub planting (Anticipated mature height 2m)
-  Proposed sand country scrubland

NOTES: Proposed solar development areas include vehicular and shade tolerance setbacks.
Residential dwellings locations have not been ground truthed.
Plant heights are indicative and will include plant species ranging up to the desired height.

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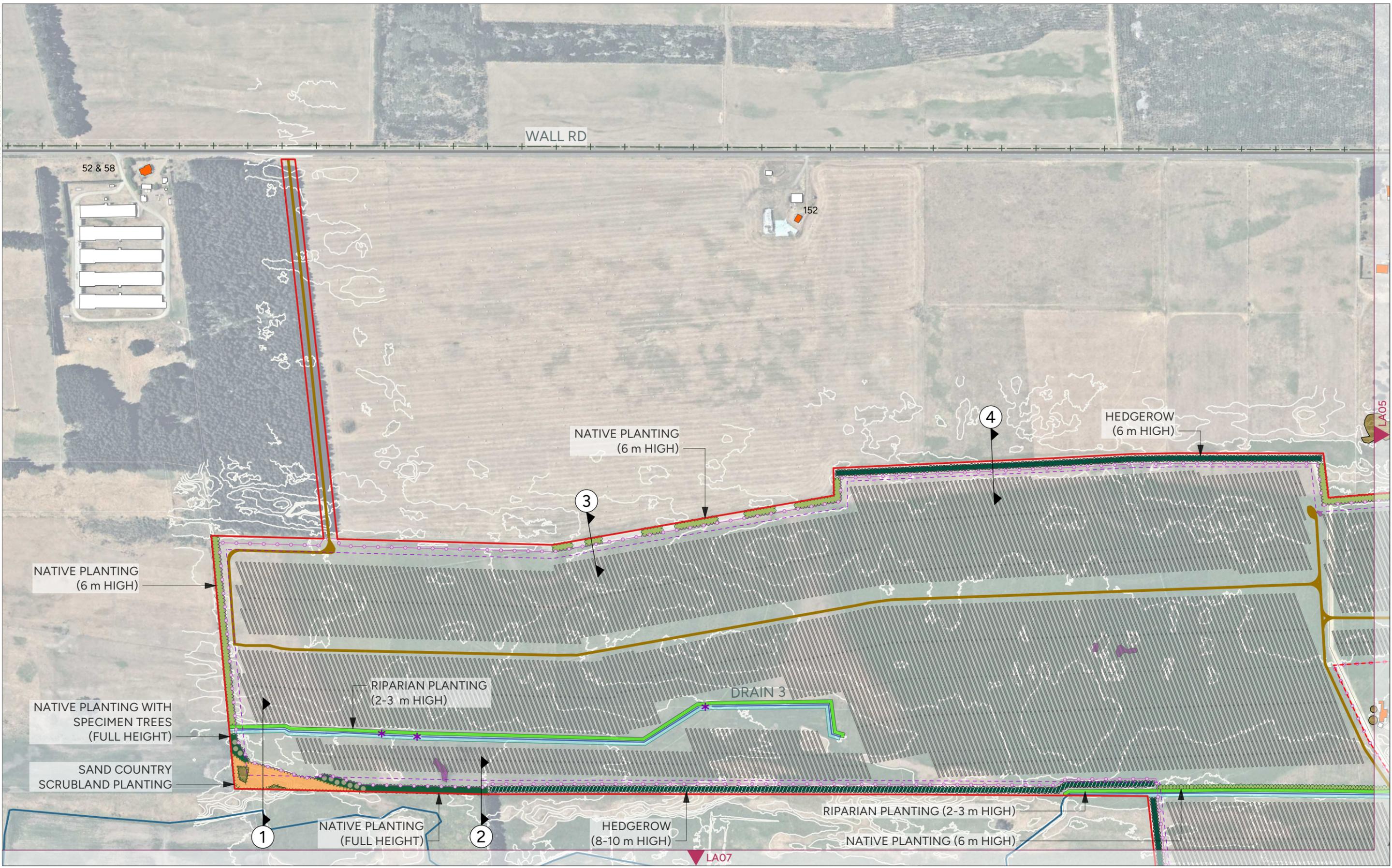
FOXTON SOLAR FARM

LEGEND

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Date: 15/12/2025

Client: Genesis Energy Limited (Genesis)



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FOXTON SOLAR FARM
PROPOSED MITIGATION & ENHANCEMENT PLAN (PLAN 1 OF 5)

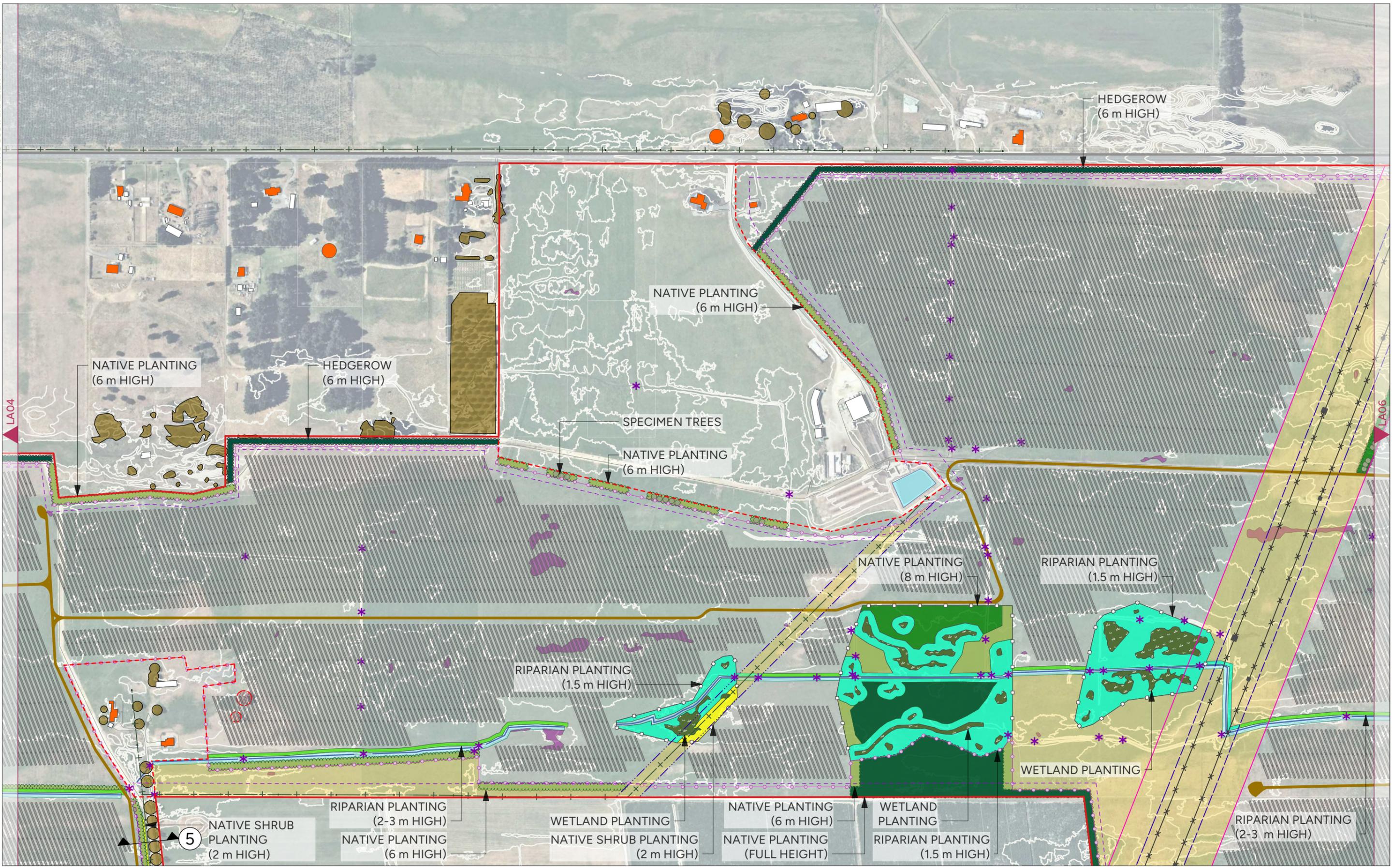
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
 A3 Scale: 1:5,000



LA10



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FOXTON SOLAR FARM
PROPOSED MITIGATION & ENHANCEMENT PLAN (PLAN 2 OF 5)

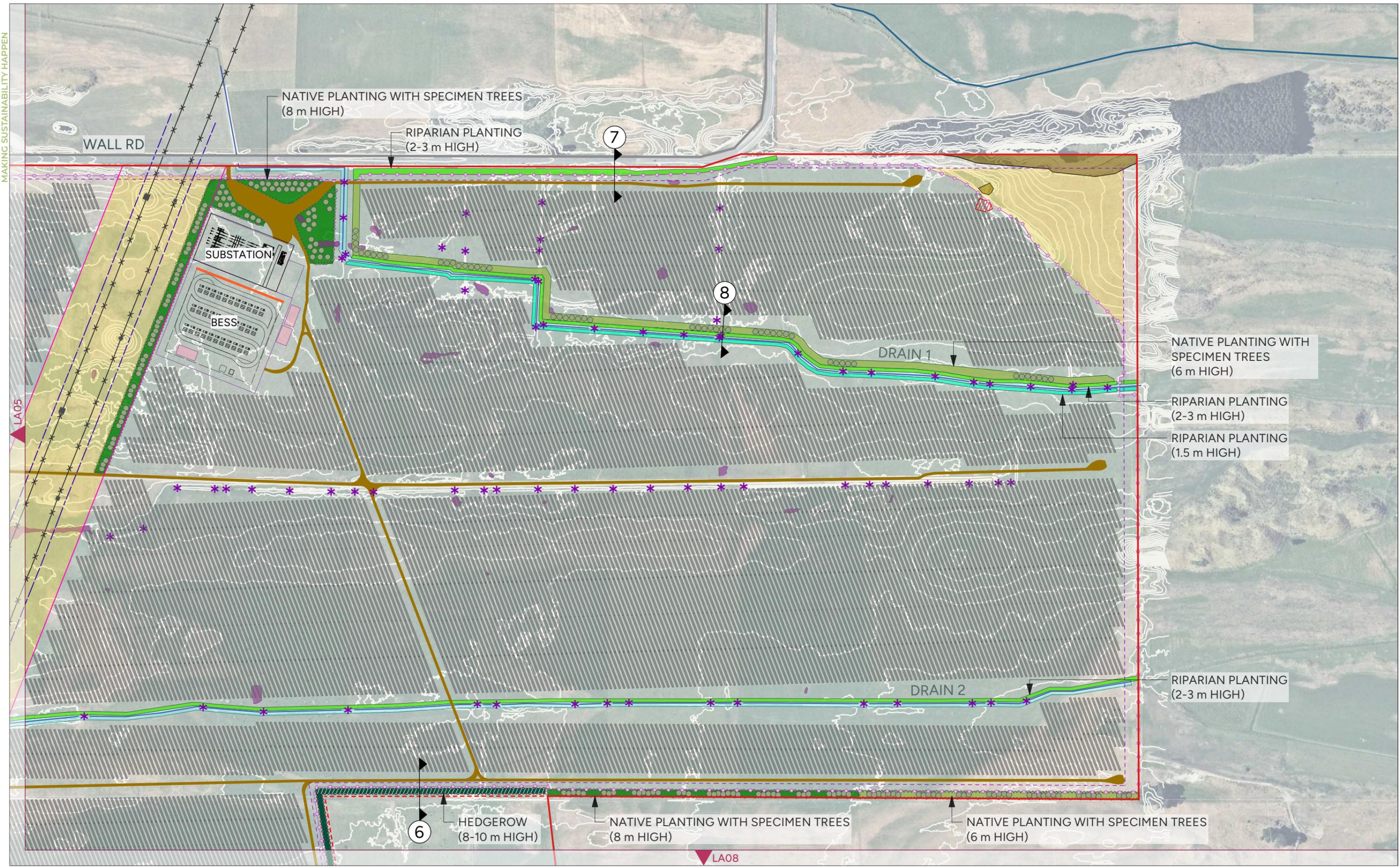
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

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LA11



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FOXTON SOLAR FARM
PROPOSED MITIGATION & ENHANCEMENT PLAN (PLAN 3 OF 5)

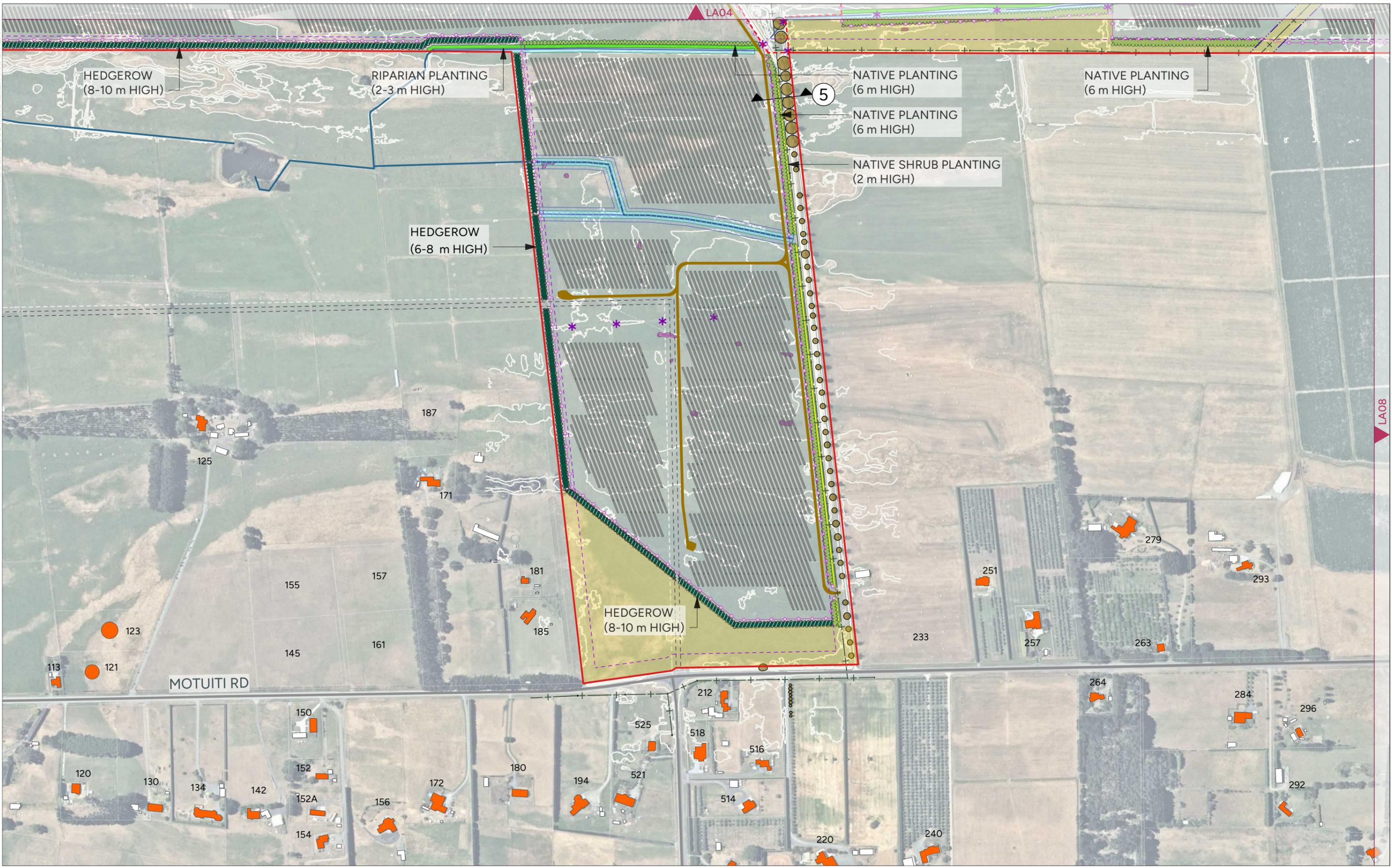
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

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LA12



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FOXTON SOLAR FARM
PROPOSED MITIGATION & ENHANCEMENT PLAN (PLAN 4 OF 5)

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

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LA13



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FOXTON SOLAR FARM

PROPOSED MITIGATION & ENHANCEMENT PLAN (PLAN 5 OF 5)

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

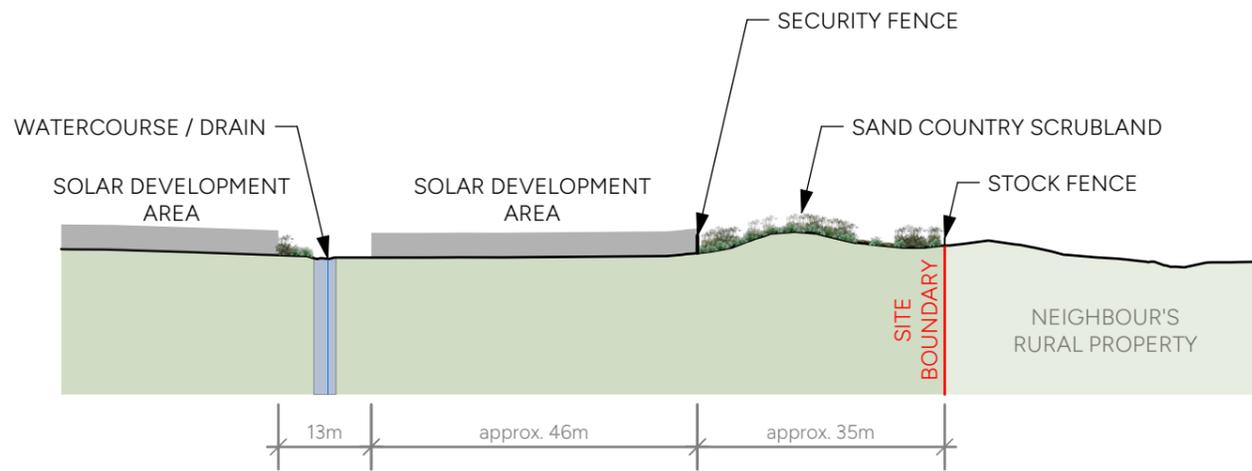
Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025

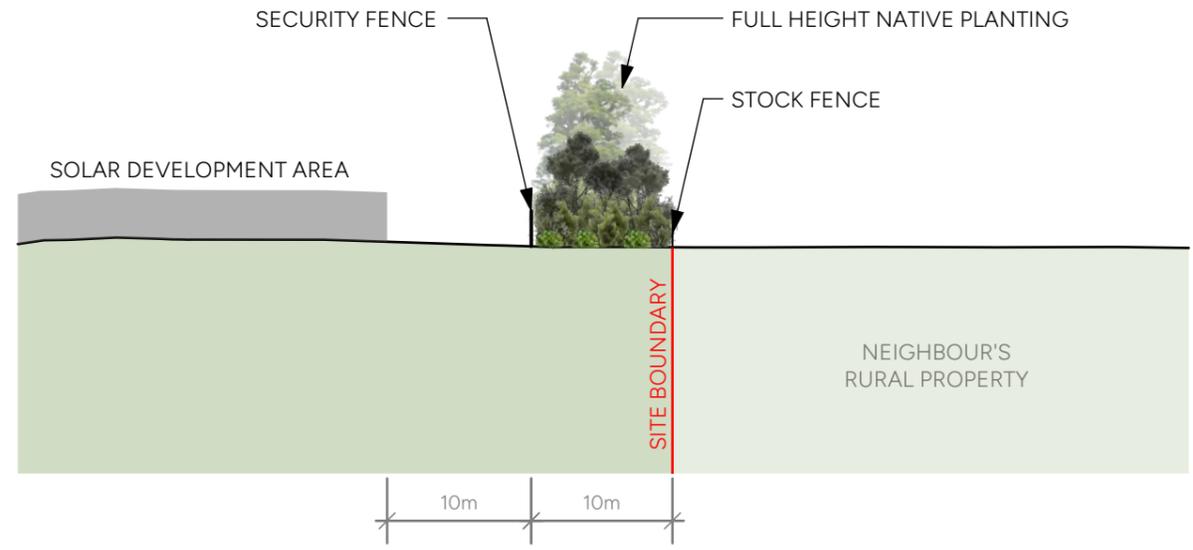
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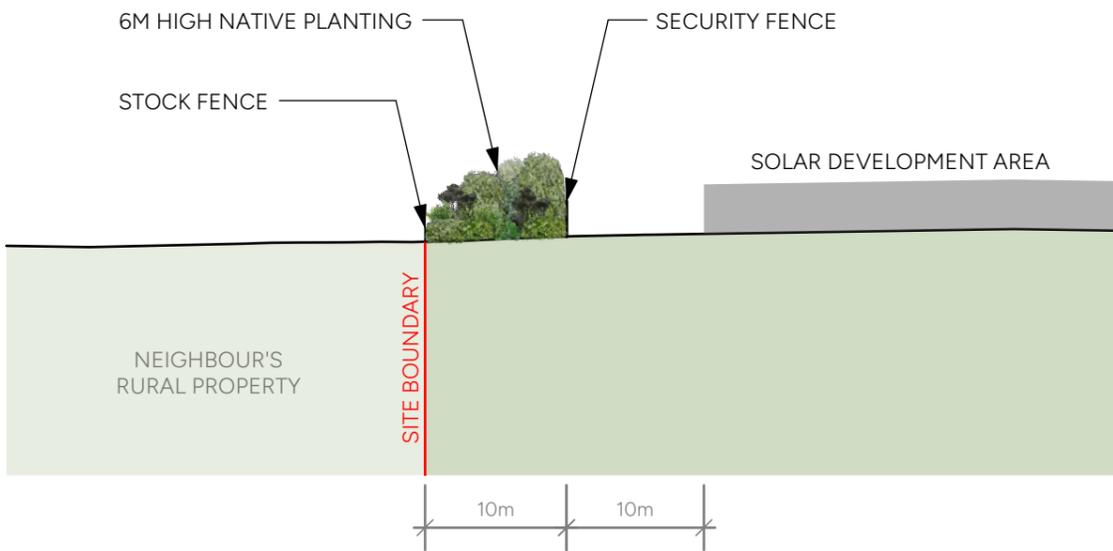
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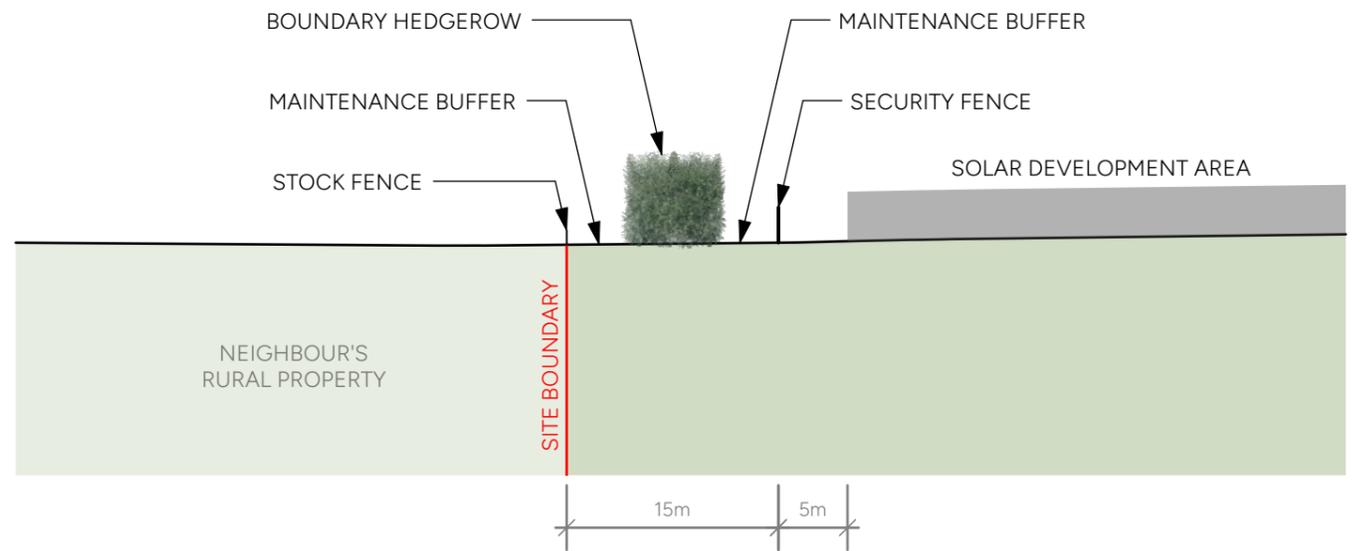
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2 CROSS-SECTION
1:500 @ A3



3 CROSS-SECTION
1:500 @ A3



4 CROSS-SECTION
1:500 @ A3

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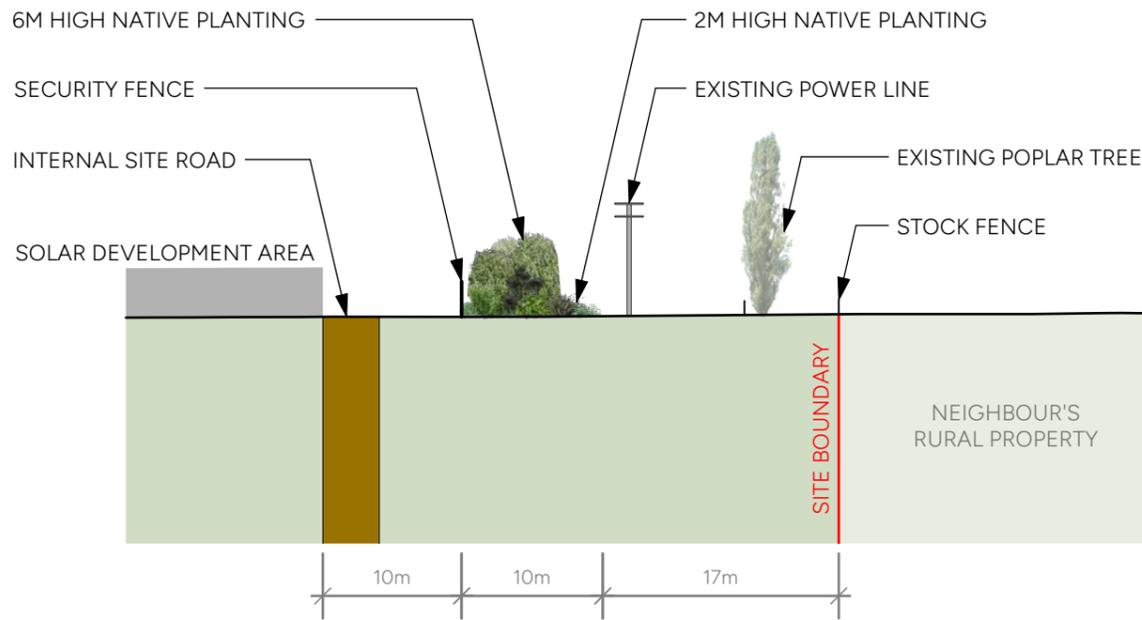
FOXTON SOLAR FARM

INDICATIVE BOUNDARY TREATMENT CROSS SECTIONS

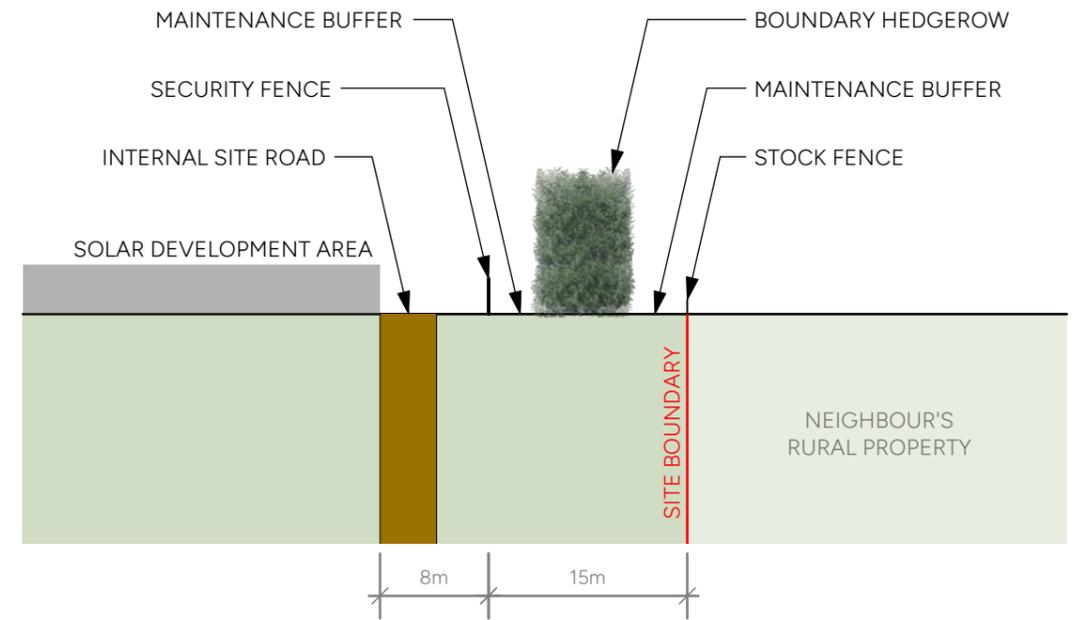
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

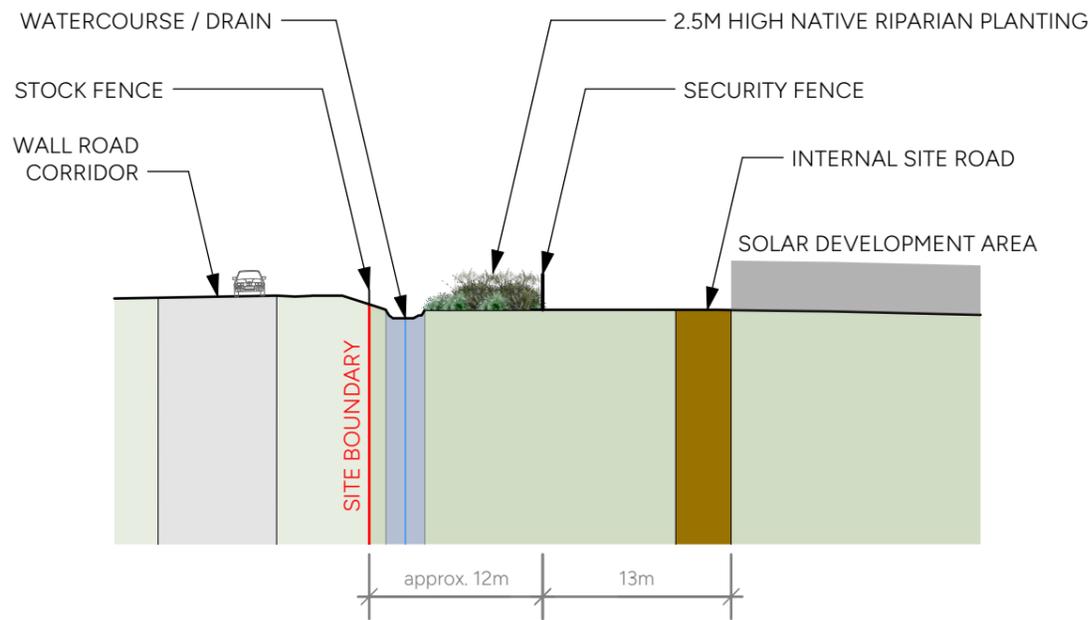
Date: 15/12/2025
A3 Scale: AS SHOWN



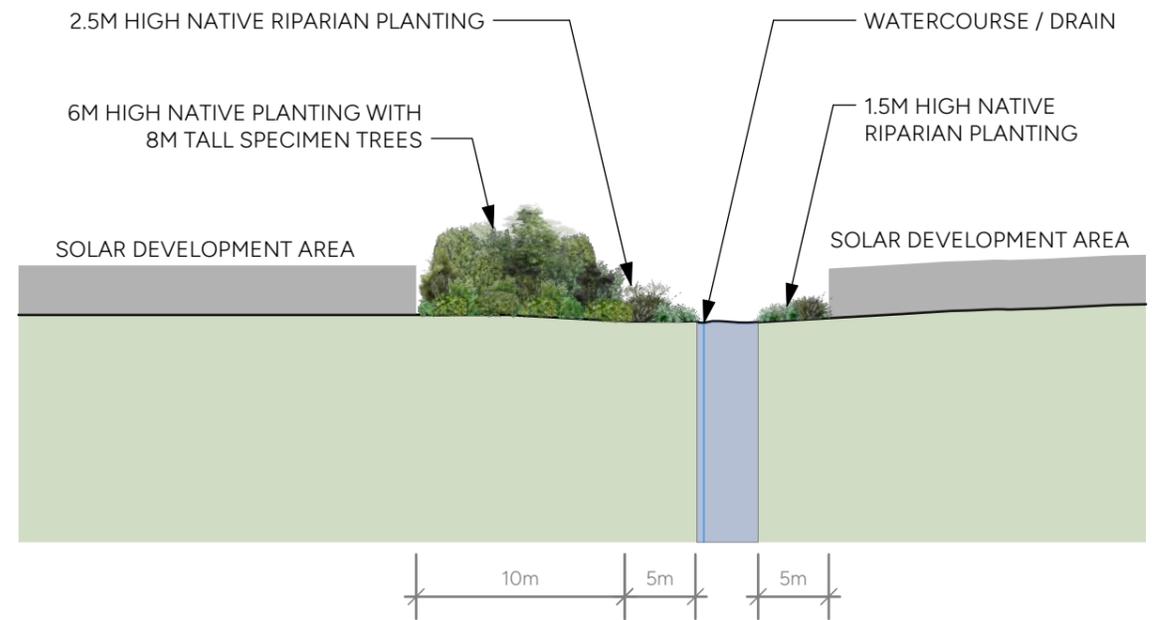
5 CROSS-SECTION
1:500 @ A3



6 CROSS-SECTION
1:500 @ A3



7 CROSS-SECTION
1:500 @ A3



8 CROSS-SECTION
1:500 @ A3

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FOXTON SOLAR FARM

INDICATIVE BOUNDARY TREATMENT CROSS SECTIONS

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
A3 Scale: AS SHOWN

PROPOSED SPECIMEN TREE GROUPS



Cordyline australis
Cabbage Tree



Kunzea ericoides
kanuka



Melicytus ramiflorus
mahoe



Pittosporum eugenoides
Lemonwood, tarata



Plagianthus regius subsp. regius
Ribbonwood

PROPOSED HEDGEROW - OPTIONS



Podocarpus totara
Totara



Pittosporum crassifolium
Karo



Cupressus 'Ovensii'
Ovens Cypress



Cryptomeria japonica
Japanese Cedar

PROPOSED NATIVE REVEGETATION (Full Height)



Alectryon exelsus
Titoki



Austroderia fulvida
toetoe



Carmichaelia asutralis
Native Broom



Coprosma areolata
Thin-leaved coprosma



Coprosma propinqua
mingimingi



Coprosma repens
taupata



Coprosma rhamnoides
Twiggy Coprosma



Coprosma rigida
Stiff karamu



Coprosma robusta
karamu



Cordyline australis
Cabbage tree



Dodonaea viscosa
Akeake



Hebe stricta
koromiko



Hoheria sexstylosa
houhere



Kunzea ericoides
kanuka



Leptospermum scoparium var. scoparium
Manuka



Melicope simplex
Poataniwha



Melicytus ramiflorus
mahoe



Muehlenbeckia complexa
Small-leaved pohuehue



Olearia solandri
Coastal tree daisy



Phormium cookianum
wharariki



Phormium tenax
harakeke



Pittosporum eugenoides
Lemonwood, Tarata



Pittosporum tenuifolium
Kohuhu



Pseudopanax crassifolius
Lancewood



Sophora microphylla
Kowhai

PROPOSED NATIVE REVEGETATION (8m Height)



Austroderia fulvida
toetoe



Carmichaelia asutralis
Native Broom



Coprosma areolata
Thin-leaved coprosma



Coprosma propinqua
mingimingi



Coprosma repens
taupata



Coprosma rhamnoides
Twiggy Coprosma



Coprosma rigida
Stiff karamu



Coprosma robusta
karamu



Cordyline australis
Cabbage tree



Hebe stricta
koromiko



Hoheria sexstylosa
houhere



Kunzea ericoides
kanuka

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FOXTON SOLAR FARM
PLANT SPECIES PALETTE (PLAN 1 OF 3)
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025

PROPOSED NATIVE REVEGETATION (8m Height) - continued



Leptospermum scoparium var. *scoparium*
Manuka



Melicope simplex
Poataniwha



Muehlenbeckia complexa
Small-leaved pohuehue



Olearia solandri
Coastal tree daisy



Phormium cookianum
wharariki



Phormium tenax
harakeke



Pittosporum tenuifolium
Kohuhu

PROPOSED NATIVE SHRUB PLANTING (2m Height)



Coprosma rhamnoides
Twiggy Coprosma



Hebe stricta
koromiko



Phormium tenax
harakeke

PROPOSED NATIVE REVEGETATION (6m Height)



Austroderia fulvida
toetoe



Carmichaelia asutralis
Native Broom



Coprosma areolata
Thin-leaved coprosma



Coprosma propinqua
mingimingi



Coprosma repens
taupata

PROPOSED SAND COUNTRY SCRUBLAND



Austroderia fulvida
toetoe



Carmichaelia asutralis
Native Broom



Coprosma areolata
Thin-leaved coprosma



Coprosma propinqua
mingimingi



Coprosma rhamnoides
Twiggy Coprosma



Coprosma rhamnoides
Twiggy Coprosma



Coprosma rigida
Stiff karamu



Coprosma robusta
karamu



Hebe stricta
koromiko



Hoheria sexstylosa
houhere



Coprosma rigida
Stiff karamu



Muehlenbeckia complexa
Small-leaved pohuehue



Olearia solandri
Coastal tree daisy



Phormium tenax
harakeke



Leptospermum scoparium var. *scoparium*
Manuka



Olearia solandri
Coastal tree daisy



Phormium cookianum
wharariki



Phormium tenax
harakeke



Pittosporum tenuifolium
Kohuhu

PROPOSED RIPARIAN EDGE (2-3m Height)



Austroderia fulvida
toetoe



Carex secta
pukio



Carex virgata
pukio/swamp sedge



Carmichaelia asutralis
Native Broom



Coprosma tenuicaulis
taupata



Hebe stricta
koromiko



Phormium cookianum
wharariki



Phormium tenax
harakeke

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FOXTON SOLAR FARM

PLANT SPECIES PALETTE (PLAN 2 OF 3)

SLR Project No:

Site Address:

810.V14848.00006 Wall Road & Motuiti Road, Foxton

Client:

Genesis Energy Limited (Genesis)

Date:

15/12/2025

PROPOSED RIPARIAN EDGE (1.5m Height)



Carex secta
pukio



Carex virgata
pukio/swamp sedge



Hebe stricta
koromiko

PROPOSED WETLAND AREAS



Carex germinata
rautahi



Carex secta
pukio



Carex virgata
pukio/swamp sedge



Coprosma tenuicaulis
taupata



Cyperus ustulatus
Giant umbrella sedge



Juncus edgariae
wiwi



Machaerina rubiginosa
baumea



Parablechnum minus
Swamp kiokio



Phormium tenax
harakeke

ISSUED

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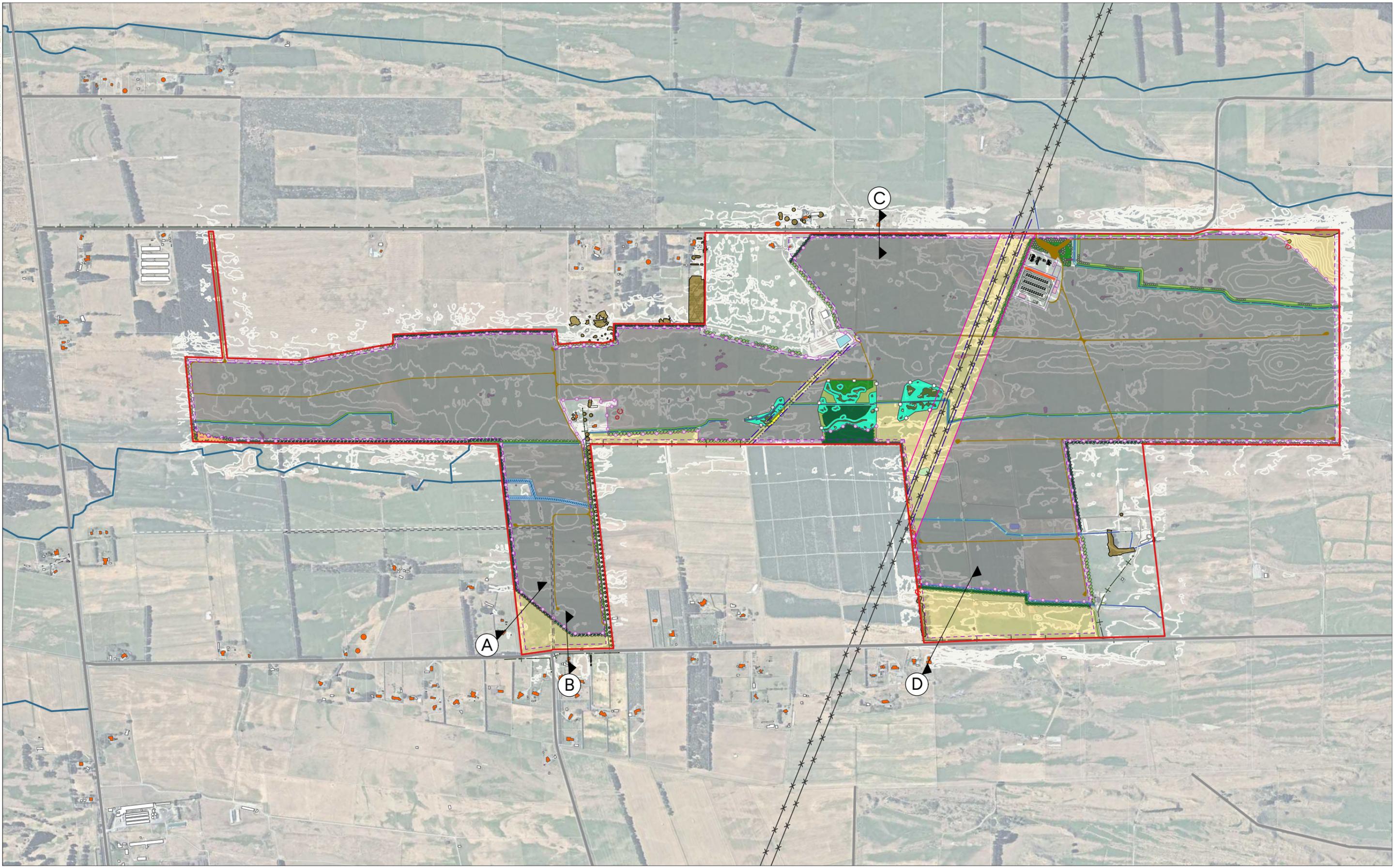
FOXTON SOLAR FARM

PLANT SPECIES PALETTE (PLAN 3 OF 3)

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025



ISSUED

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FOXTON SOLAR FARM
REPRESENTATIVE RESIDENTIAL CROSS SECTION PLAN

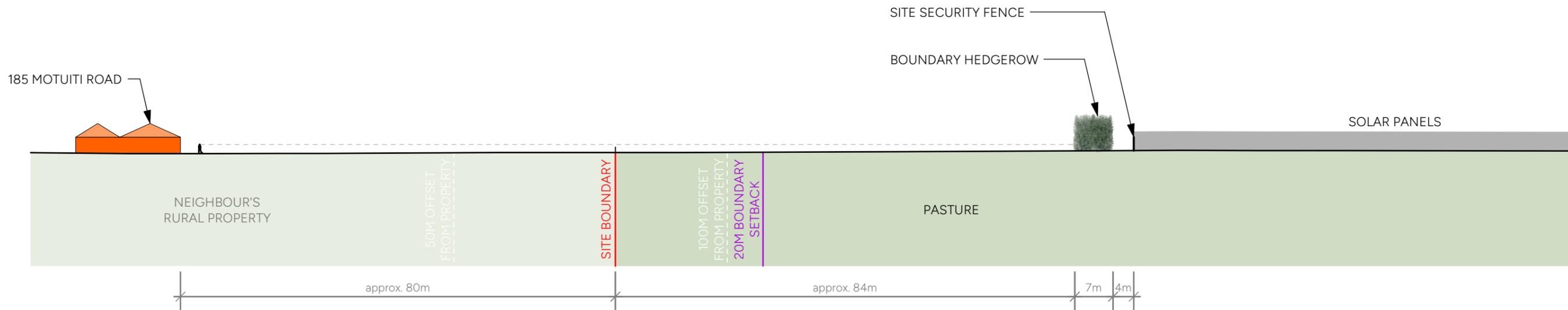
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

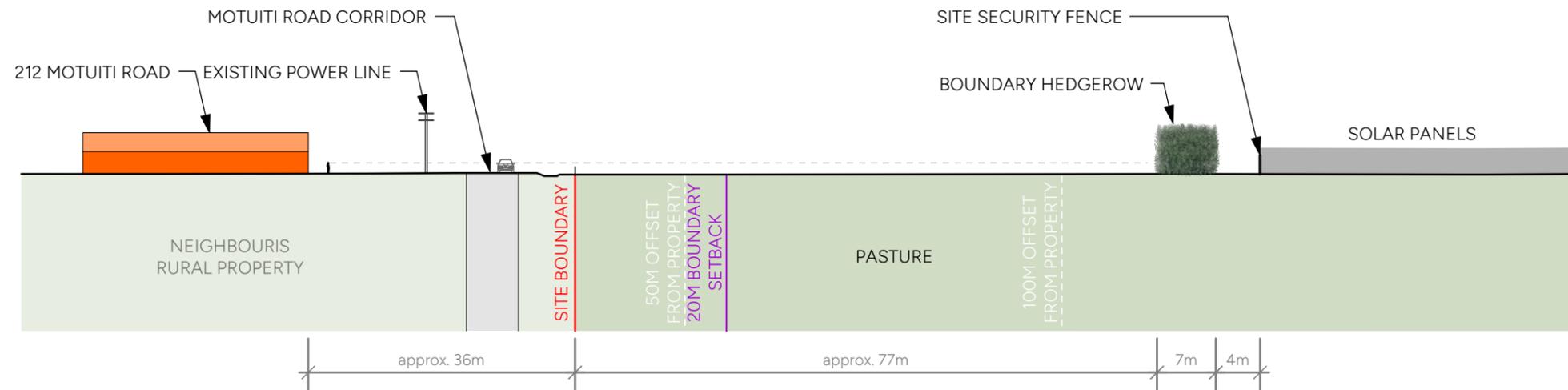
Date: 15/12/2025
A3 Scale: 1:15,000



LA20



A CROSS-SECTION A (FROM 185 MOTUITI ROAD, FOXTON)
1:750 @ A3



B CROSS-SECTION B (FROM 212 MOTUITI ROAD, FOXTON)
1:750 @ A3

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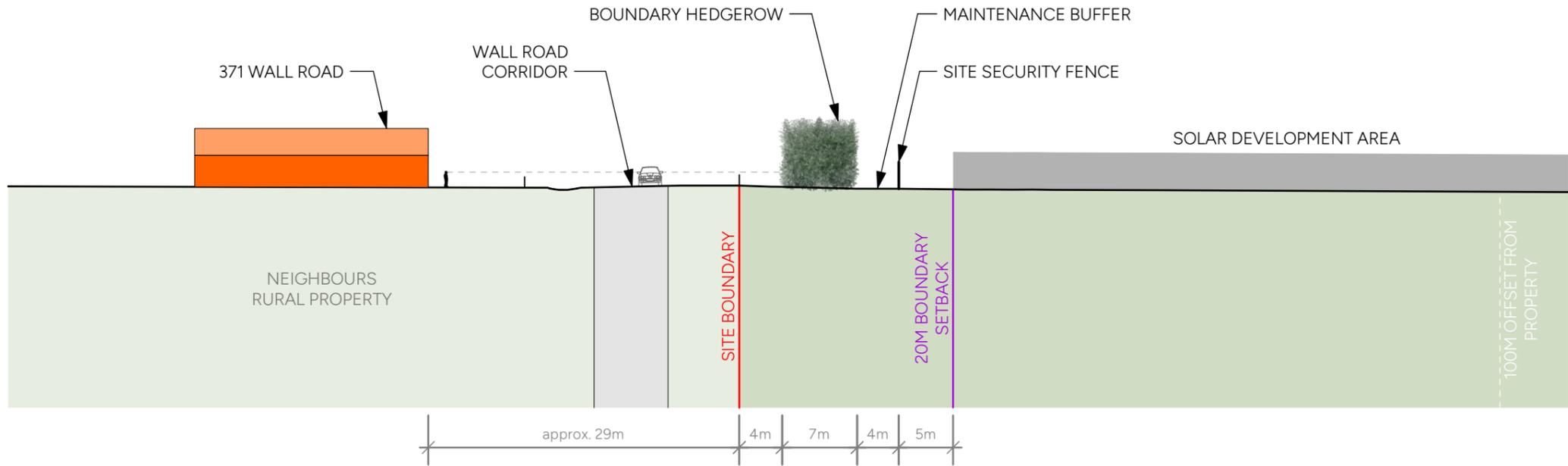
FOXTON SOLAR FARM

REPRESENTATIVE RESIDENTIAL CROSS SECTIONS

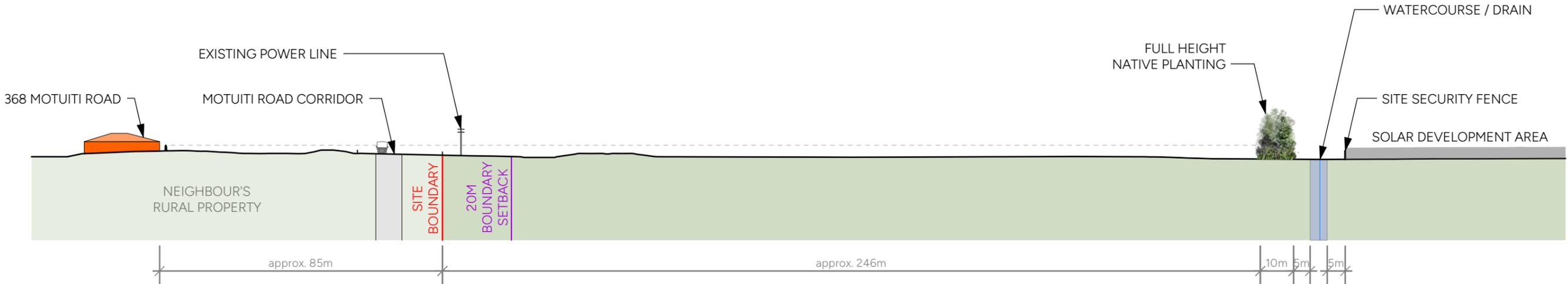
SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
A3 Scale: AS SHOWN



C CROSS-SECTION C (FROM 371 WALL ROAD, FOXTON)
1:500 @ A3



D CROSS-SECTION D (FROM 368 MOTUITI ROAD, FOXTON)
1:1250 @ A3

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FOXTON SOLAR FARM

REPRESENTATIVE RESIDENTIAL CROSS SECTIONS

SLR Project No: 810.V14848.00006 Site Address: Wall Road & Motuiti Road, Foxton

Client: Genesis Energy Limited (Genesis)

Date: 15/12/2025
A3 Scale: AS SHOWN