

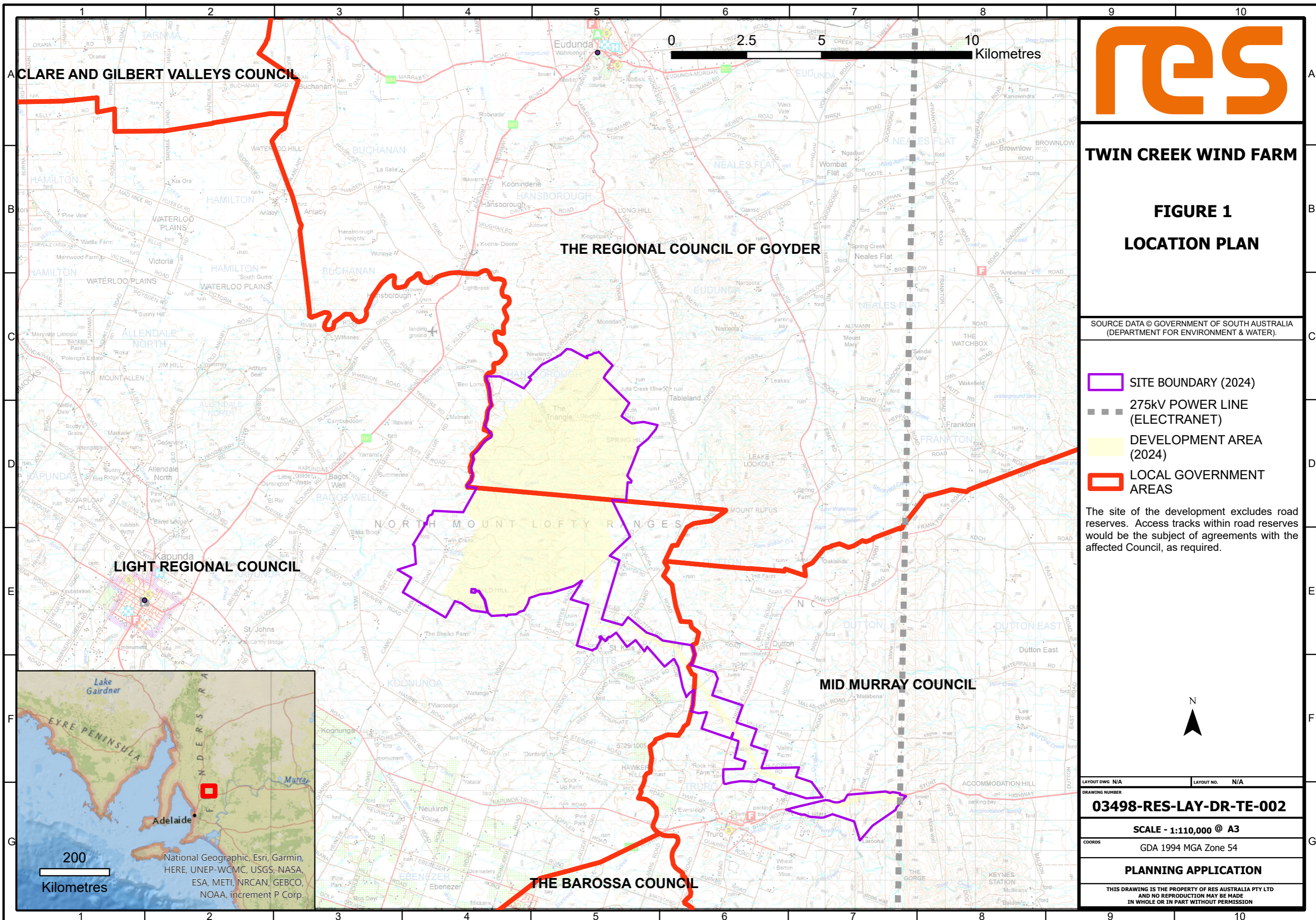


POWER  
FOR GOOD

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**Volume Three –  
Drawings, Maps & Figures**





**TWIN CREEK WIND FARM**

**FIGURE 1  
LOCATION PLAN**

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA  
(DEPARTMENT FOR ENVIRONMENT & WATER).

- SITE BOUNDARY (2024)
- 275kV POWER LINE (ELECTRANET)
- DEVELOPMENT AREA (2024)
- LOCAL GOVERNMENT AREAS

The site of the development excludes road reserves. Access tracks within road reserves would be the subject of agreements with the affected Council, as required.



LAYOUT DWG N/A	LAYOUT NO. N/A
<b>03498-RES-LAY-DR-TE-002</b>	
SCALE - 1:110,000 @ A3	
COORDS GDA 1994 MGA Zone 54	
<b>PLANNING APPLICATION</b>	
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# TWIN CREEK WIND FARM

## FIGURE 2 INFRASTRUCTURE LAYOUT WIND FARM

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA  
(DEPARTMENT FOR ENVIRONMENT & WATER).

- TURBINE LOCATIONS
- ACCESS TRACK
- HARDSTAND
- BATTERY ENERGY STORAGE AREA (BESS)
- TEMPORARY MOBILE CONCRETE BATCHING PLANT
- TEMPORARY WIND FARM CONSTRUCTION COMPOUND
- TEMPORARY WIND FARM LAYDOWN AREA
- OPERATION AND MAINTENANCE
- SUBSTATION
- PRINCIPAL SITE ENTRANCE
- PLANNING CORRIDOR
- DISTURBANCE FOOTPRINT
- GRID ROUTE
- GRID ROUTE EASEMENT 50m
- SITE BOUNDARY (2024)
- DEVELOPMENT AREA (2024)

Refer to Figures 11A and 11B for infrastructure details.  
Refer to Volume 1 Project Summary for description of Project Elements.

LAYOUT DWG 03498-RES-LAY-DR-TE-003 | LAYOUT NO. PAUSTwc064

DRAWING NUMBER

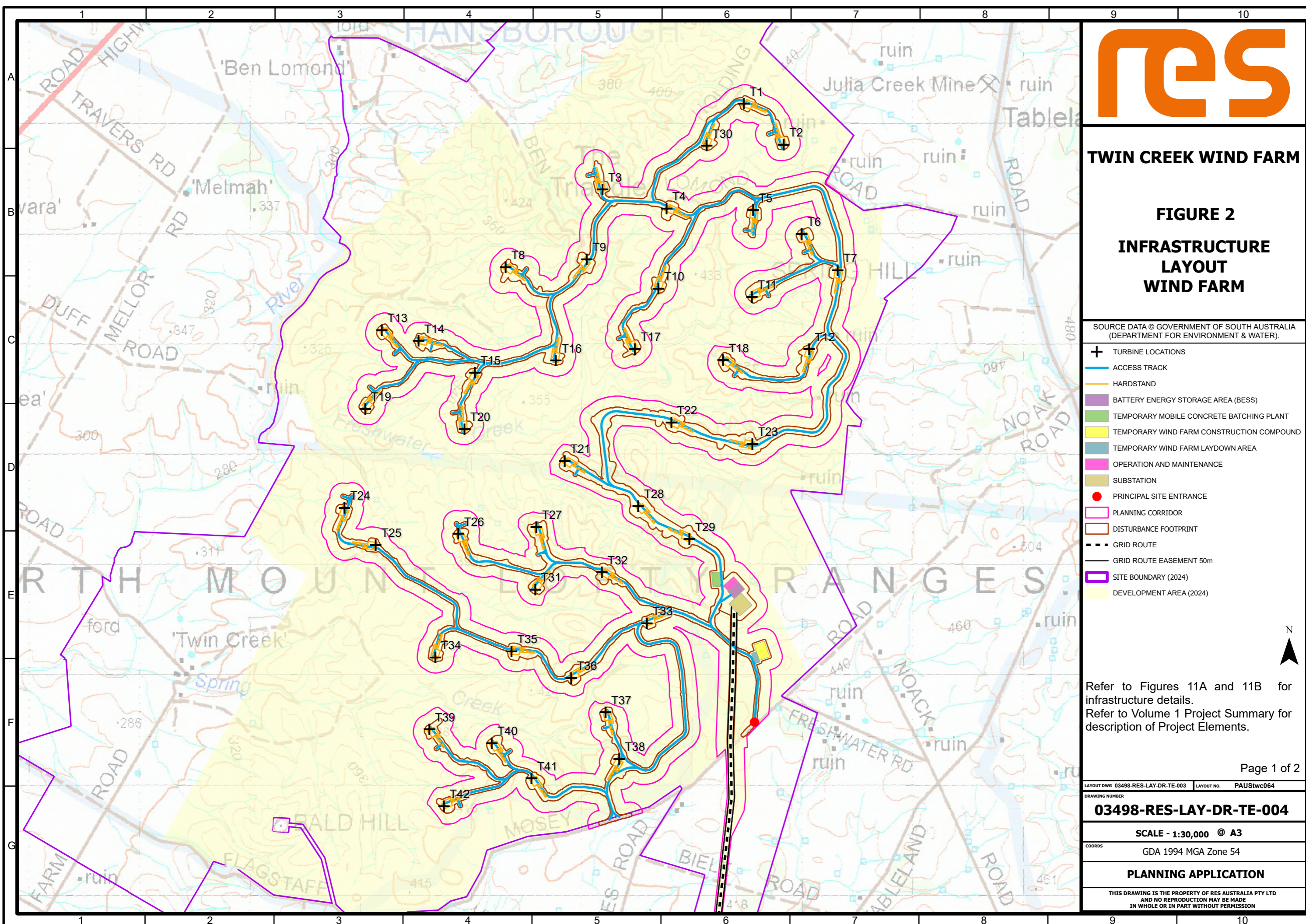
**03498-RES-LAY-DR-TE-004**

SCALE - 1:30,000 @ A3

COORDS  
GDA 1994 MGA Zone 54

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# TWIN CREEK WIND FARM

## FIGURE 2 INFRASTRUCTURE LAYOUT GRID ROUTE

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA  
(DEPARTMENT FOR ENVIRONMENT & WATER).

- TURBINE LOCATIONS
- ACCESS TRACK
- HARDSTAND
- BATTERY ENERGY STORAGE AREA (BESS)
- TEMPORARY MOBILE CONCRETE BATCHING PLANT
- TEMPORARY WIND FARM CONSTRUCTION COMPOUND
- TEMPORARY WIND FARM LAYDOWN AREA
- OPERATION AND MAINTENANCE
- SUBSTATION
- PRINCIPAL SITE ENTRANCE
- PLANNING CORRIDOR
- DISTURBANCE FOOTPRINT
- GRID ROUTE
- GRID ROUTE EASEMENT 50m
- 275KV INTERFACE WORKS ZONE
- TEMPORARY CONSTRUCTION COMPOUND AND WORKS ZONE
- TERMINAL SUB-STATION
- SITE BOUNDARY (2024)
- DEVELOPMENT AREA (2024)

Refer to Figures 11A and 11B for infrastructure details.  
Refer to Volume 1 Project Summary for description of Project Elements.

LAYOUT DWG 03498-RES-LAY-DR-TE-003 LAYOUT NO. PAUSTwc064

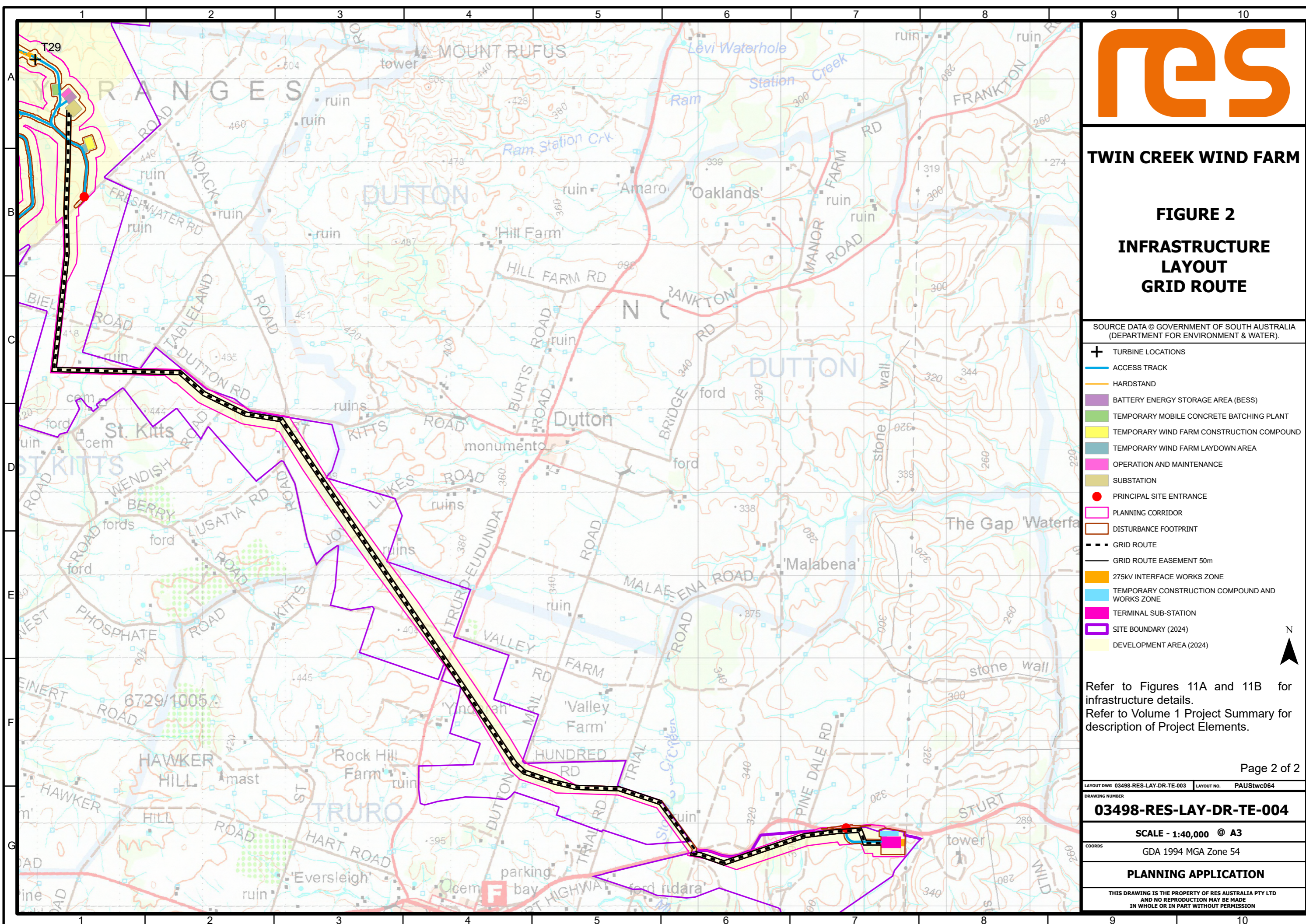
**03498-RES-LAY-DR-TE-004**

SCALE - 1:40,000 @ A3

COORDS GDA 1994 MGA Zone 54

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# TWIN CREEK WIND FARM

## FIGURE 3 LANDOWNERSHIP WIND FARM

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA  
(DEPARTMENT FOR ENVIRONMENT & WATER).

- DEVELOPMENT AREA (2024)
- SITE BOUNDARY (2024)

### LANDOWNER

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



The site of the development excludes road reserves. Access tracks within road reserves would be the subject of agreements with the affected Council, as required.

LAYOUT DWG: N/A      LAYOUT NO.: N/A

DRAWING NUMBER

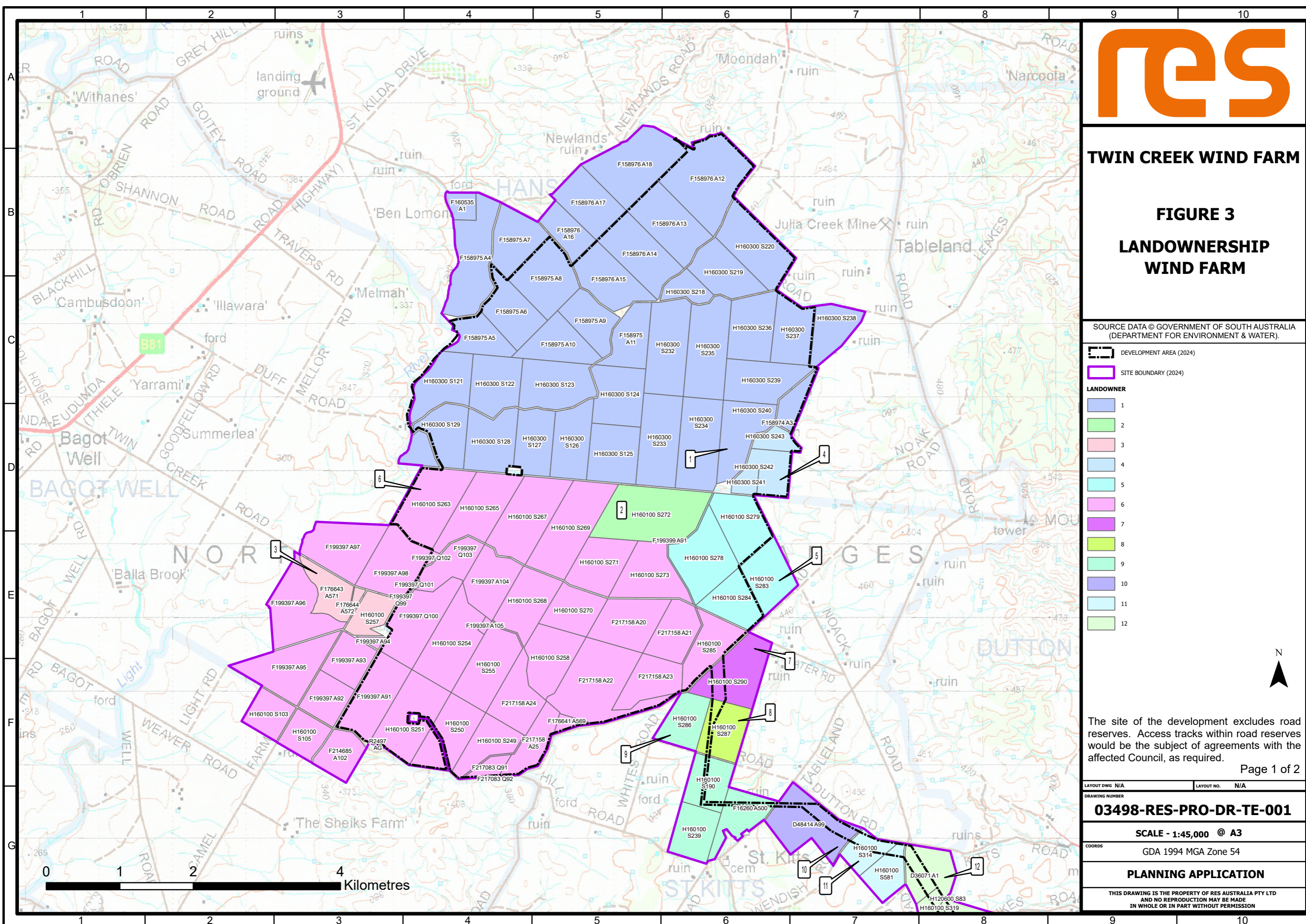
**03498-RES-PRO-DR-TE-001**

SCALE - 1:45,000 @ A3

COORDS: GDA 1994 MGA Zone 54

**PLANNING APPLICATION**

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# TWIN CREEK WIND FARM

## FIGURE 3 LANDOWNERSHIP GRID ROUTE

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA  
(DEPARTMENT FOR ENVIRONMENT & WATER).

	DEVELOPMENT AREA (2024)		12
	SITE BOUNDARY (2024)		13
	275KV POWERLINE		14
<b>LANDOWNER</b>			15
	5		16
	6		17
	7		18
	8		19
	9		20
	10		21
	11		

The site of the development excludes road reserves. Access tracks within road reserves would be the subject of agreements with the affected Council, as required.

LAYOUT DWG: N/A      LAYOUT NO.: N/A

DRAWING NUMBER

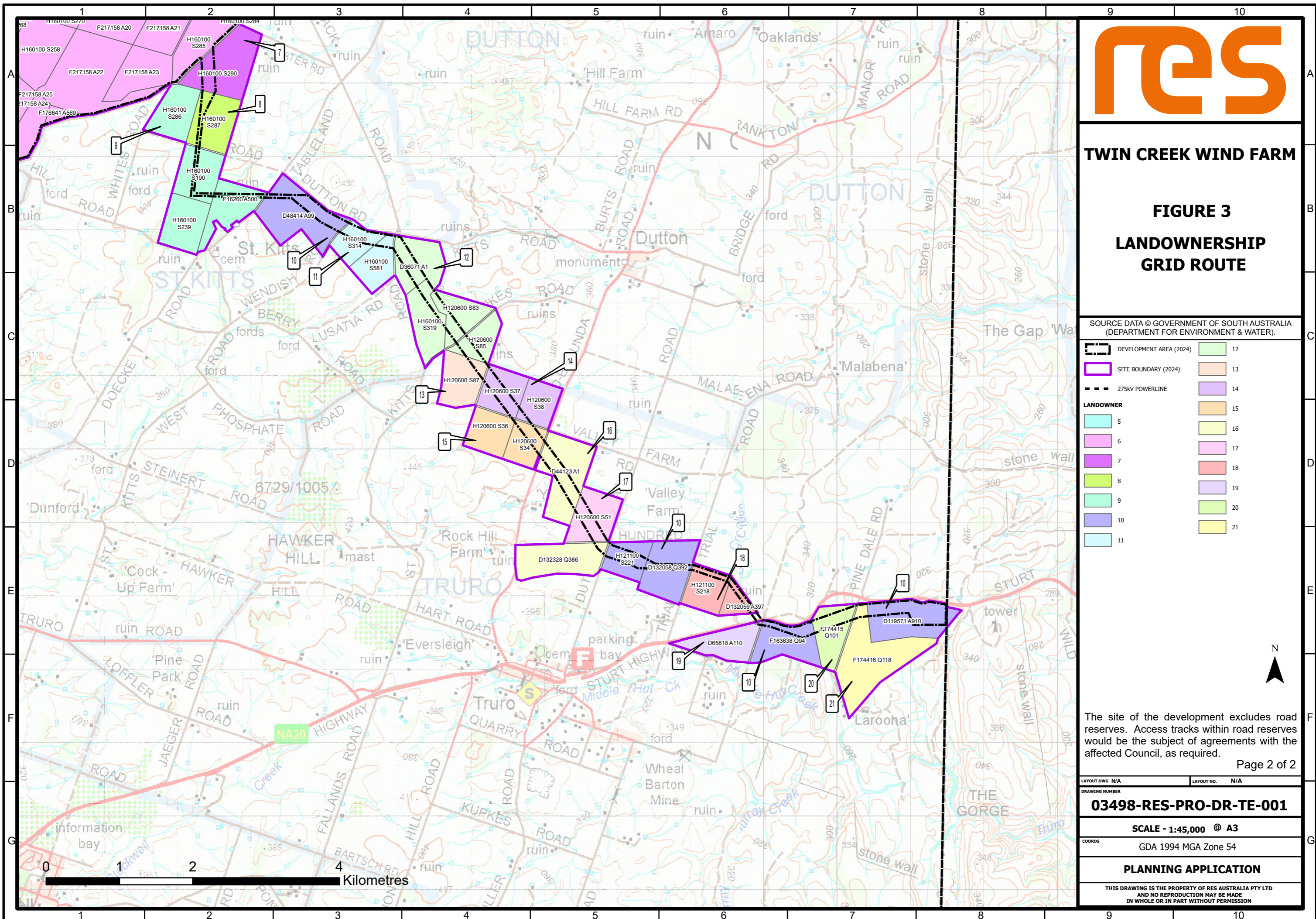
**03498-RES-PRO-DR-TE-001**

SCALE - 1:45,000 @ A3

COORDS: GDA 1994 MGA Zone 54

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# TWIN CREEK WIND FARM

## FIGURE 4 LANDOWNERSHIP AND INFRASTRUCTURE WIND FARM

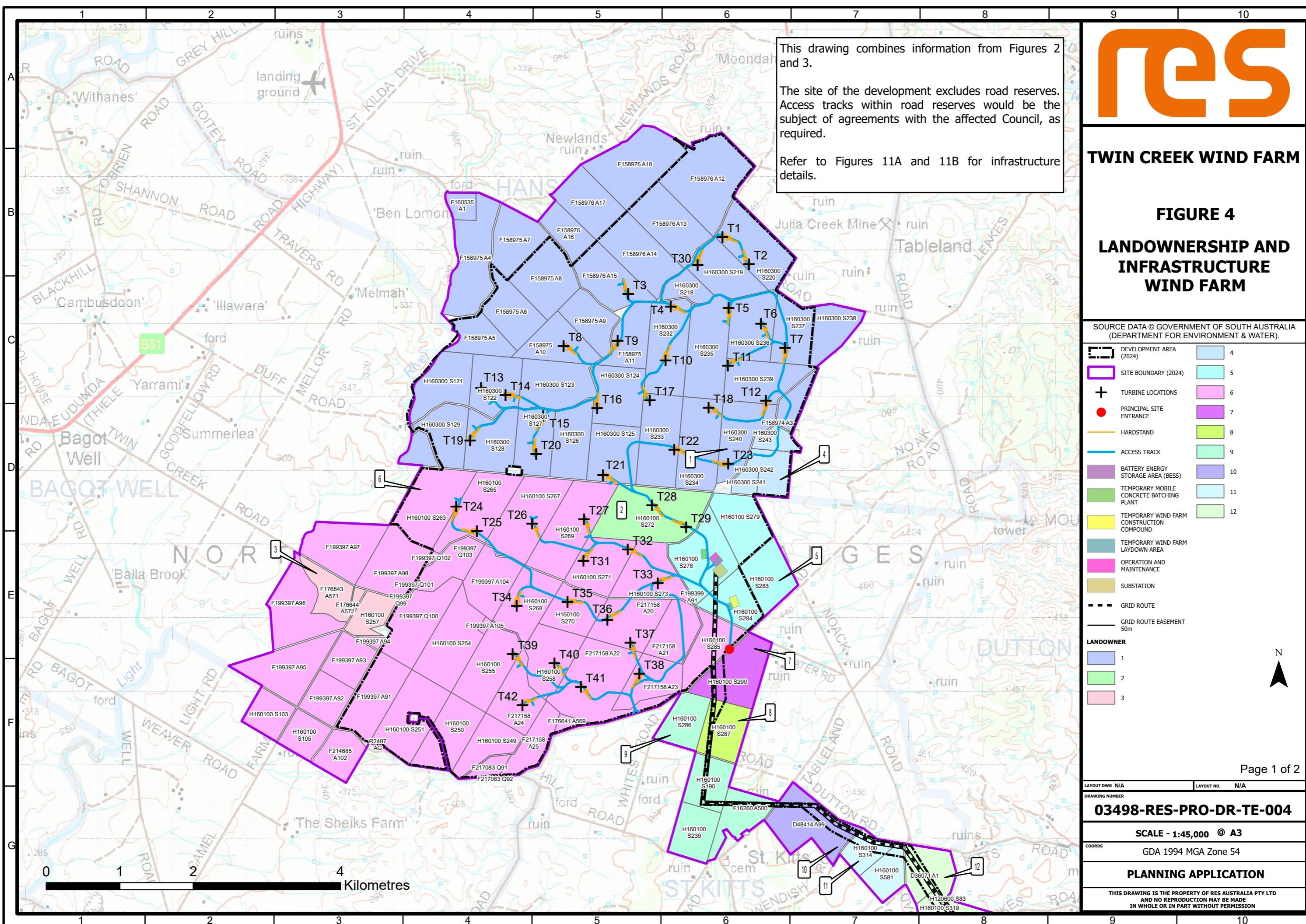
SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA  
(DEPARTMENT FOR ENVIRONMENT & WATER).

- DEVELOPMENT AREA (2024)
  - SITE BOUNDARY (2024)
  - TURBINE LOCATIONS
  - PRINCIPAL SITE ENTRANCE
  - HARDSTAND
  - ACCESS TRACK
  - BATTERY ENERGY STORAGE AREA (BESS)
  - TEMPORARY MOBILE CONCRETE BATCHING PLANT
  - TEMPORARY WIND FARM CONSTRUCTION COMPOUND
  - TEMPORARY WIND FARM LAYDOWN AREA
  - OPERATION AND MAINTENANCE
  - SUBSTATION
  - GRID ROUTE
  - GRID ROUTE EASEMENT 50m
- |    |              |
|----|--------------|
| 4  | Light blue   |
| 5  | Light cyan   |
| 6  | Pink         |
| 7  | Purple       |
| 8  | Light green  |
| 9  | Light blue   |
| 10 | Light purple |
| 11 | Light cyan   |
| 12 | Light green  |
- 
- LANDOWNER**
- |   |             |
|---|-------------|
| 1 | Light blue  |
| 2 | Light green |
| 3 | Pink        |

This drawing combines information from Figures 2 and 3.

The site of the development excludes road reserves. Access tracks within road reserves would be the subject of agreements with the affected Council, as required.

Refer to Figures 11A and 11B for infrastructure details.



LAYOUT DWG	N/A	LAYOUT NO.	N/A
DRAWING NUMBER	<b>03498-RES-PRO-DR-TE-004</b>		
SCALE - 1:45,000 @ A3			
COORDS GDA 1994 MGA Zone 54			
<b>PLANNING APPLICATION</b>			
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# TWIN CREEK WIND FARM

## FIGURE 4

### LANDOWNERSHIP AND INFRASTRUCTURE GRID ROUTE

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA (DEPARTMENT FOR ENVIRONMENT & WATER).

- DEVELOPMENT AREA (2024)
- SITE BOUNDARY (2024)
- 275KV POWERLINE
- TURBINE LOCATIONS
- PRINCIPAL SITE ENTRANCE
- HARDSTAND
- ACCESS TRACK
- GRID ROUTE
- GRID ROUTE EASEMENT 50m
- 275KV INTERFACE WORKS ZONE
- TEMPORARY CONSTRUCTION COMPOUND AND WORKS ZONE
- TERMINAL SUB-STATION

- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- 21

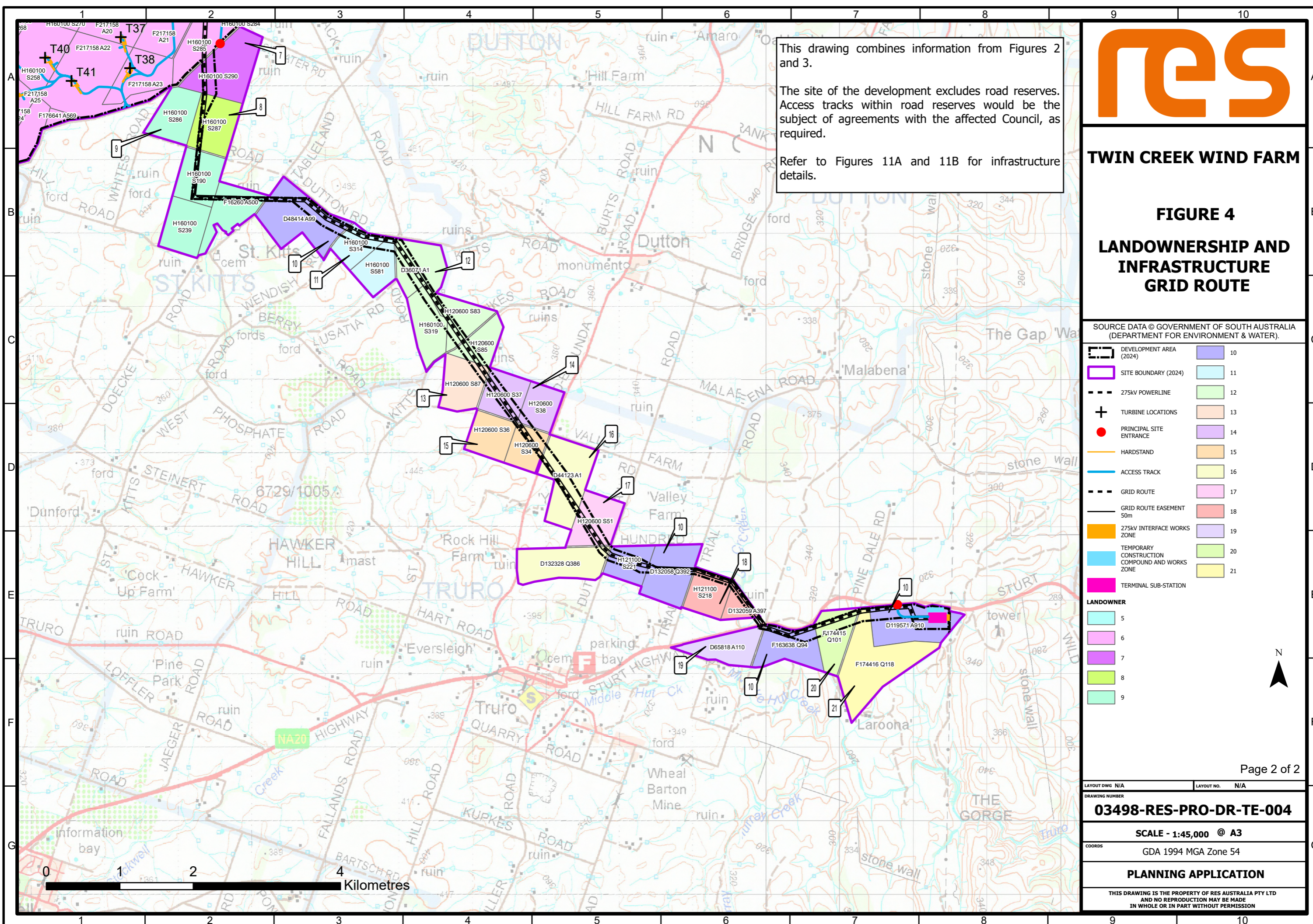
- LANDOWNER**
- 5
  - 6
  - 7
  - 8
  - 9



This drawing combines information from Figures 2 and 3.

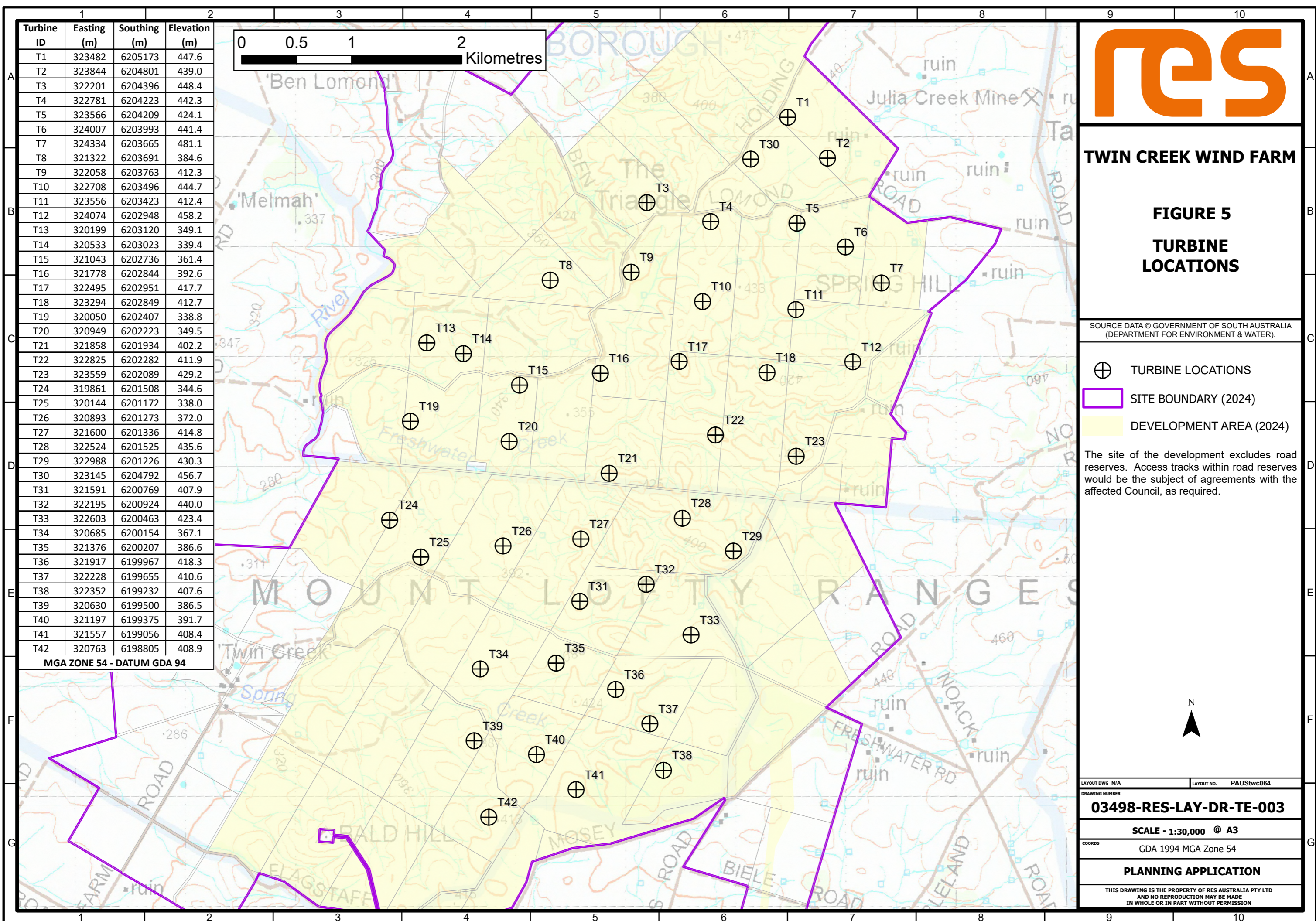
The site of the development excludes road reserves. Access tracks within road reserves would be the subject of agreements with the affected Council, as required.

Refer to Figures 11A and 11B for infrastructure details.



LAYOUT DWG: N/A	LAYOUT NO.: N/A
DRAWING NUMBER: <b>03498-RES-PRO-DR-TE-004</b>	
SCALE: 1:45,000 @ A3	
COORDS: GDA 1994 MGA Zone 54	
PLANNING APPLICATION	
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Turbine ID	Easting (m)	Southing (m)	Elevation (m)
T1	323482	6205173	447.6
T2	323844	6204801	439.0
T3	322201	6204396	448.4
T4	322781	6204223	442.3
T5	323566	6204209	424.1
T6	324007	6203993	441.4
T7	324334	6203665	481.1
T8	321322	6203691	384.6
T9	322058	6203763	412.3
T10	322708	6203496	444.7
T11	323556	6203423	412.4
T12	324074	6202948	458.2
T13	320199	6203120	349.1
T14	320533	6203023	339.4
T15	321043	6202736	361.4
T16	321778	6202844	392.6
T17	322495	6202951	417.7
T18	323294	6202849	412.7
T19	320050	6202407	338.8
T20	320949	6202223	349.5
T21	321858	6201934	402.2
T22	322825	6202282	411.9
T23	323559	6202089	429.2
T24	319861	6201508	344.6
T25	320144	6201172	338.0
T26	320893	6201273	372.0
T27	321600	6201336	414.8
T28	322524	6201525	435.6
T29	322988	6201226	430.3
T30	323145	6204792	456.7
T31	321591	6200769	407.9
T32	322195	6200924	440.0
T33	322603	6200463	423.4
T34	320685	6200154	367.1
T35	321376	6200207	386.6
T36	321917	6199967	418.3
T37	322228	6199655	410.6
T38	322352	6199232	407.6
T39	320630	6199500	386.5
T40	321197	6199375	391.7
T41	321557	6199056	408.4
T42	320763	6198805	408.9

MGA ZONE 54 - DATUM GDA 94



**TWIN CREEK WIND FARM**

**FIGURE 5  
TURBINE  
LOCATIONS**

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA (DEPARTMENT FOR ENVIRONMENT & WATER).

- ⊕ TURBINE LOCATIONS
- ▭ SITE BOUNDARY (2024)
- ▭ DEVELOPMENT AREA (2024)

The site of the development excludes road reserves. Access tracks within road reserves would be the subject of agreements with the affected Council, as required.



LAYOUT DWG: N/A      LAYOUT NO.: PAUSTwc064

DRAWING NUMBER

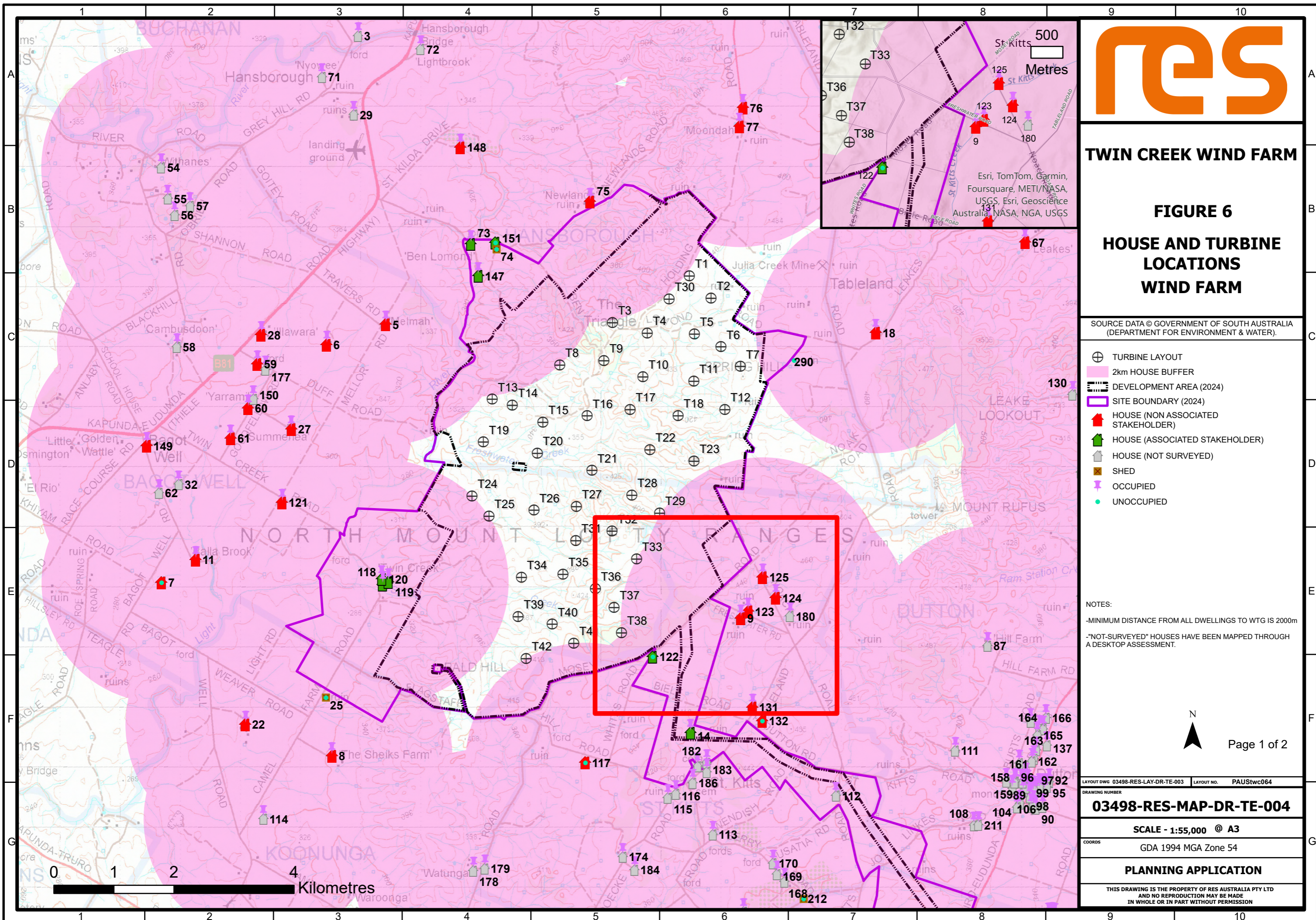
**03498-RES-LAY-DR-TE-003**

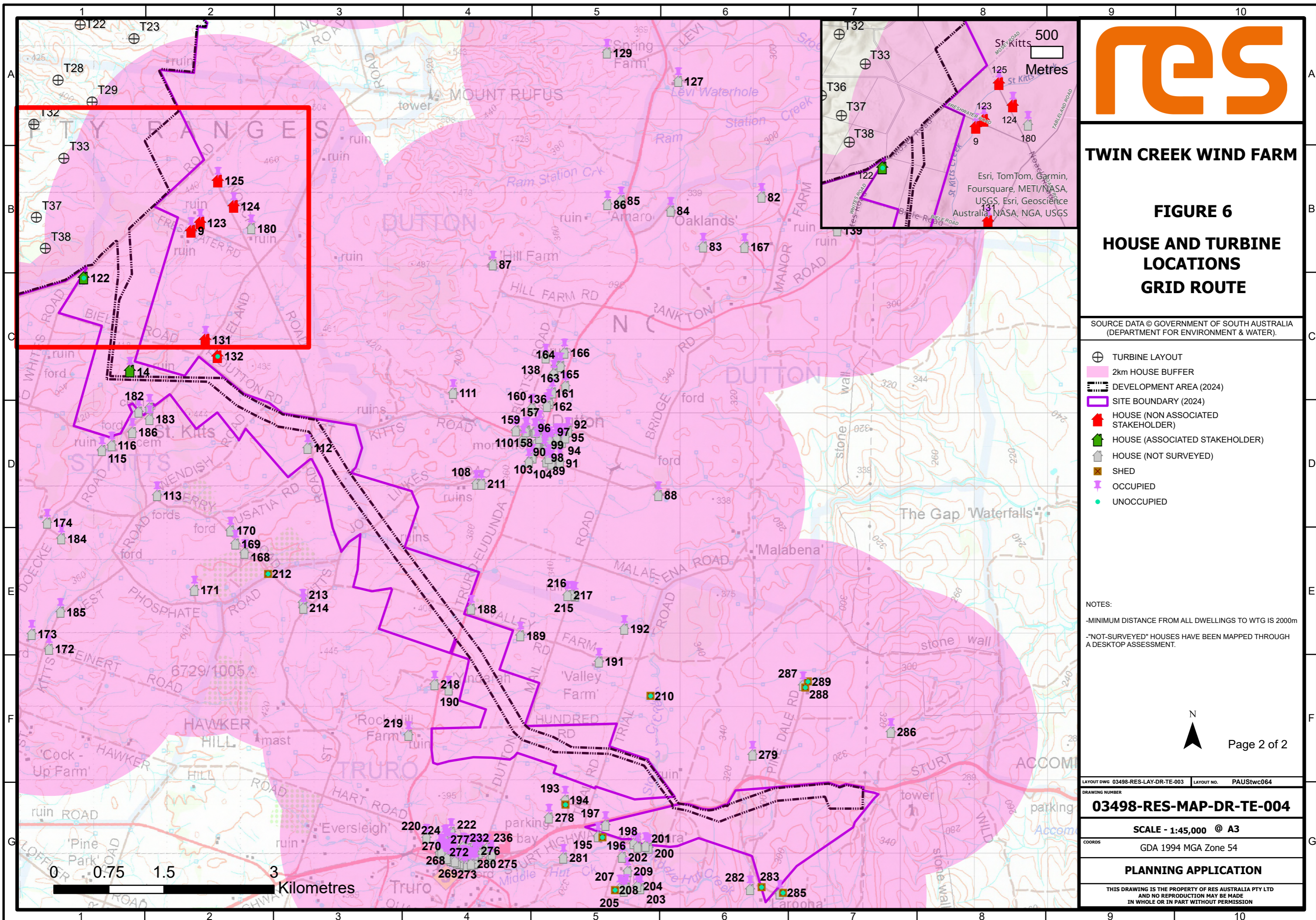
SCALE - 1:30,000 @ A3

COORDS: GDA 1994 MGA Zone 54

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**TWIN CREEK WIND FARM**

**FIGURE 6**

**HOUSE AND TURBINE LOCATIONS  
GRID ROUTE**

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA (DEPARTMENT FOR ENVIRONMENT & WATER).

- ⊕ TURBINE LAYOUT
- 2km HOUSE BUFFER
- DEVELOPMENT AREA (2024)
- SITE BOUNDARY (2024)
- HOUSE (NON ASSOCIATED STAKEHOLDER)
- HOUSE (ASSOCIATED STAKEHOLDER)
- HOUSE (NOT SURVEYED)
- SHED
- OCCUPIED
- UNOCCUPIED

NOTES:  
 -MINIMUM DISTANCE FROM ALL DWELLINGS TO WTG IS 2000m  
 -"NOT-SURVEYED" HOUSES HAVE BEEN MAPPED THROUGH A DESKTOP ASSESSMENT.



LAYOUT DWG: 03498-RES-LAY-DR-TE-003 | LAYOUT NO.: PAUStwc064

DRAWING NUMBER

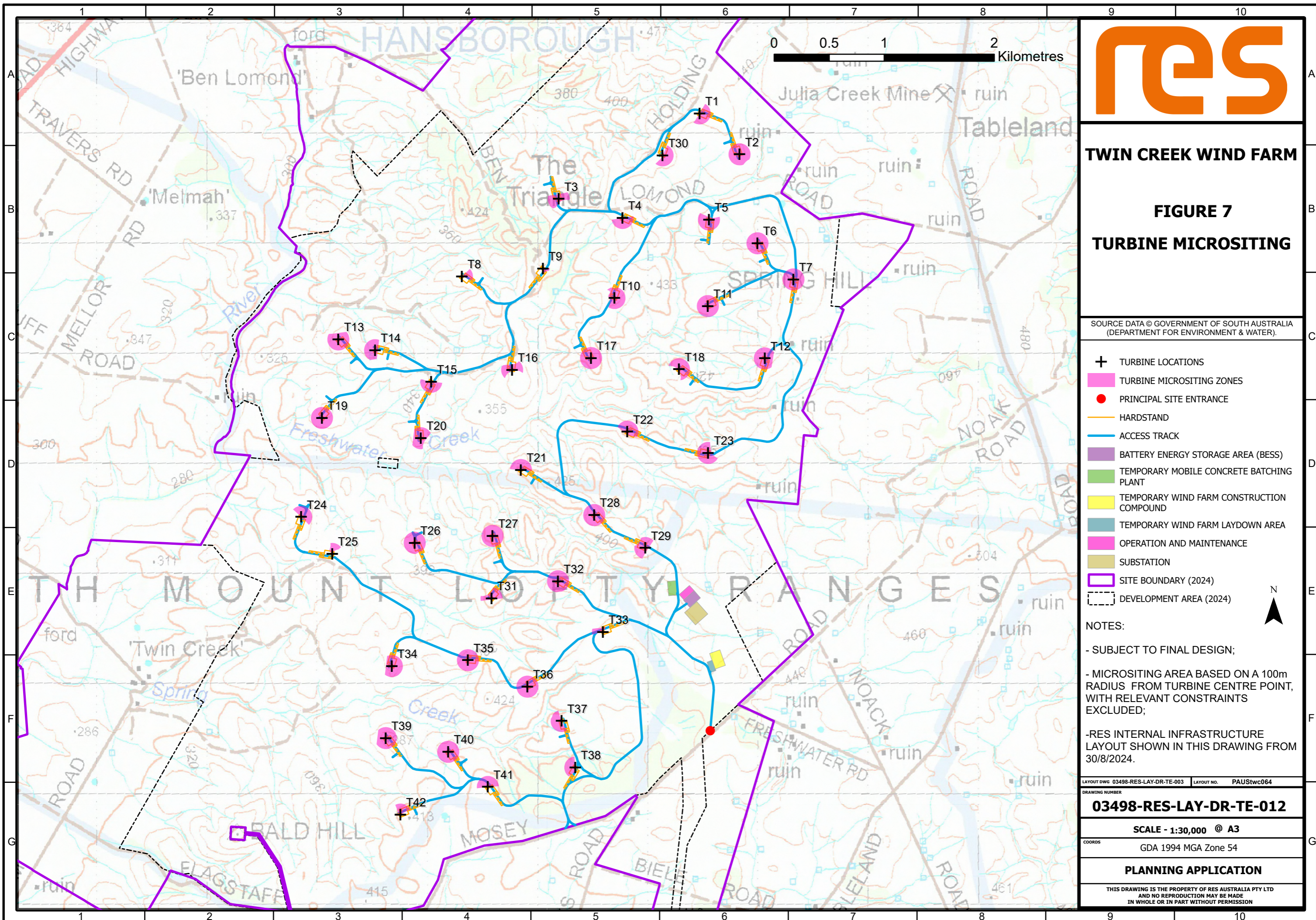
**03498-RES-MAP-DR-TE-004**

SCALE - 1:45,000 @ A3

COORDS: GDA 1994 MGA Zone 54

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**TWIN CREEK WIND FARM**

**FIGURE 7**

**TURBINE MICROSITING**

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA (DEPARTMENT FOR ENVIRONMENT & WATER).

- + TURBINE LOCATIONS
- TURBINE MICROSITING ZONES
- PRINCIPAL SITE ENTRANCE
- HARDSTAND
- ACCESS TRACK
- BATTERY ENERGY STORAGE AREA (BESS)
- TEMPORARY MOBILE CONCRETE BATCHING PLANT
- TEMPORARY WIND FARM CONSTRUCTION COMPOUND
- TEMPORARY WIND FARM LAYDOWN AREA
- OPERATION AND MAINTENANCE
- SUBSTATION
- SITE BOUNDARY (2024)
- DEVELOPMENT AREA (2024)

**NOTES:**

- SUBJECT TO FINAL DESIGN;
- MICROSITING AREA BASED ON A 100m RADIUS FROM TURBINE CENTRE POINT, WITH RELEVANT CONSTRAINTS EXCLUDED;
- RES INTERNAL INFRASTRUCTURE LAYOUT SHOWN IN THIS DRAWING FROM 30/8/2024.

LAYOUT DWG 03498-RES-LAY-DR-TE-003 | LAYOUT NO. PAUSTwc064  
DRAWING NUMBER

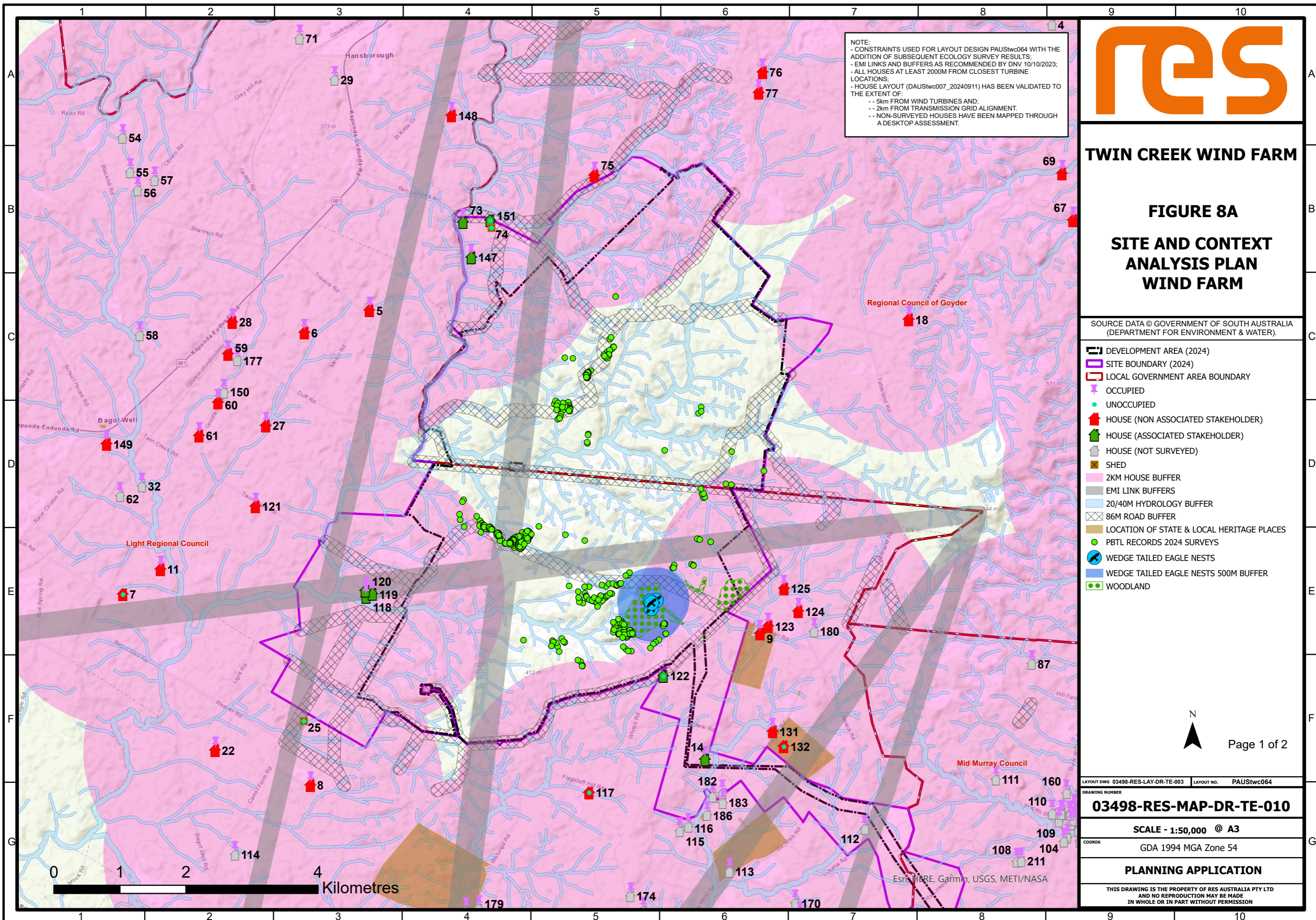
**03498-RES-LAY-DR-TE-012**

SCALE - 1:30,000 @ A3

COORDS GDA 1994 MGA Zone 54

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NOTE:  
 - CONSTRAINTS USED FOR LAYOUT DESIGN PAUStwc064 WITH THE ADDITION OF SUBSEQUENT ECOLOGY SURVEY RESULTS;  
 - EMI LINKS AND BUFFERS AS RECOMMENDED BY DNV 10/10/2023;  
 - ALL HOUSES AT LEAST 2000M FROM CLOSEST TURBINE LOCATIONS;  
 - HOUSE LAYOUT (DAUStwc007\_20240911) HAS BEEN VALIDATED TO THE EXTENT OF:  
 - 5km FROM WIND TURBINES AND;  
 - 2km FROM TRANSMISSION GRID ALIGNMENT.  
 - NON-SURVEYED HOUSES HAVE BEEN MAPPED THROUGH A DESKTOP ASSESSMENT.



**TWIN CREEK WIND FARM**

**FIGURE 8A**

**SITE AND CONTEXT ANALYSIS PLAN**

**WIND FARM**

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA (DEPARTMENT FOR ENVIRONMENT & WATER).

- DEVELOPMENT AREA (2024)
- SITE BOUNDARY (2024)
- LOCAL GOVERNMENT AREA BOUNDARY
- OCCUPIED
- UNOCCUPIED
- HOUSE (NON ASSOCIATED STAKEHOLDER)
- HOUSE (ASSOCIATED STAKEHOLDER)
- HOUSE (NOT SURVEYED)
- SHED
- 2KM HOUSE BUFFER
- EMI LINK BUFFERS
- 20/40M HYDROLOGY BUFFER
- 86M ROAD BUFFER
- LOCATION OF STATE & LOCAL HERITAGE PLACES
- PBT RECORDS 2024 SURVEYS
- WEDGE TAILED EAGLE NESTS
- WEDGE TAILED EAGLE NESTS 500M BUFFER
- WOODLAND



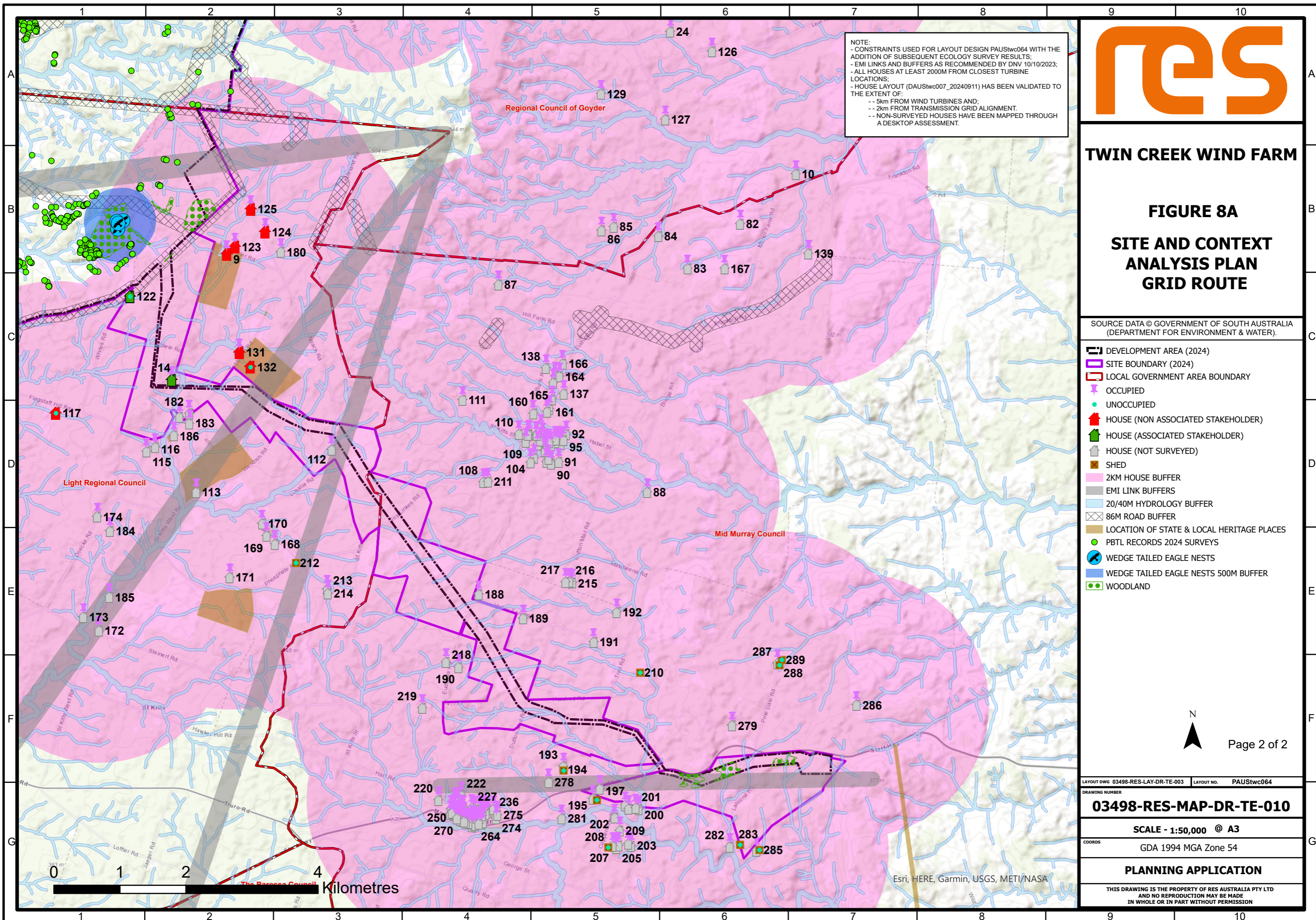
LAYOUT DWG 03498-RES-LAY-DR-TE-003 | LAYOUT NO. PAUStwc064

DRAWING NUMBER  
**03498-RES-MAP-DR-TE-010**

SCALE - 1:50,000 @ A3  
 COORDS  
 GDA 1994 MGA Zone 54

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NOTE:  
 - CONSTRAINTS USED FOR LAYOUT DESIGN PAUSTwc064 WITH THE ADDITION OF SUBSEQUENT ECOLOGY SURVEY RESULTS;  
 - EMI LINKS AND BUFFERS AS RECOMMENDED BY DNV 10/10/2023;  
 - ALL HOUSES AT LEAST 2000M FROM CLOSEST TURBINE LOCATIONS;  
 - HOUSE LAYOUT (DAUSTwc007\_20240911) HAS BEEN VALIDATED TO THE EXTENT OF:  
 -- 5km FROM WIND TURBINES AND;  
 -- 2km FROM TRANSMISSION GRID ALIGNMENT.  
 - NON-SURVEYED HOUSES HAVE BEEN MAPPED THROUGH A DESKTOP ASSESSMENT.



**TWIN CREEK WIND FARM**

**FIGURE 8A  
 SITE AND CONTEXT  
 ANALYSIS PLAN  
 GRID ROUTE**

SOURCE DATA © GOVERNMENT OF SOUTH AUSTRALIA (DEPARTMENT FOR ENVIRONMENT & WATER).

- DEVELOPMENT AREA (2024)
- SITE BOUNDARY (2024)
- LOCAL GOVERNMENT AREA BOUNDARY
- OCCUPIED
- UNOCCUPIED
- HOUSE (NON ASSOCIATED STAKEHOLDER)
- HOUSE (ASSOCIATED STAKEHOLDER)
- HOUSE (NOT SURVEYED)
- SHED
- 2KM HOUSE BUFFER
- EMI LINK BUFFERS
- 20/40M HYDROLOGY BUFFER
- 86M ROAD BUFFER
- LOCATION OF STATE & LOCAL HERITAGE PLACES
- PBT RECORDS 2024 SURVEYS
- WEDGE TAILED EAGLE NESTS
- WEDGE TAILED EAGLE NESTS 500M BUFFER
- WOODLAND

N  
 Page 2 of 2

LAYOUT DWG 03498-RES-LAY-DR-TE-003 | LAYOUT NO. PAUSTwc064

DRAWING NUMBER

**03498-RES-MAP-DR-TE-010**

SCALE - 1:50,000 @ A3

COORDS GDA 1994 MGA Zone 54

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