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FIGURE 3: AERIAL PHOTOGRAPH
LOT 1476 (32873) SOUTH COAST HIGHWAY
GAIRDNER
WESTERN AUSTRALIA

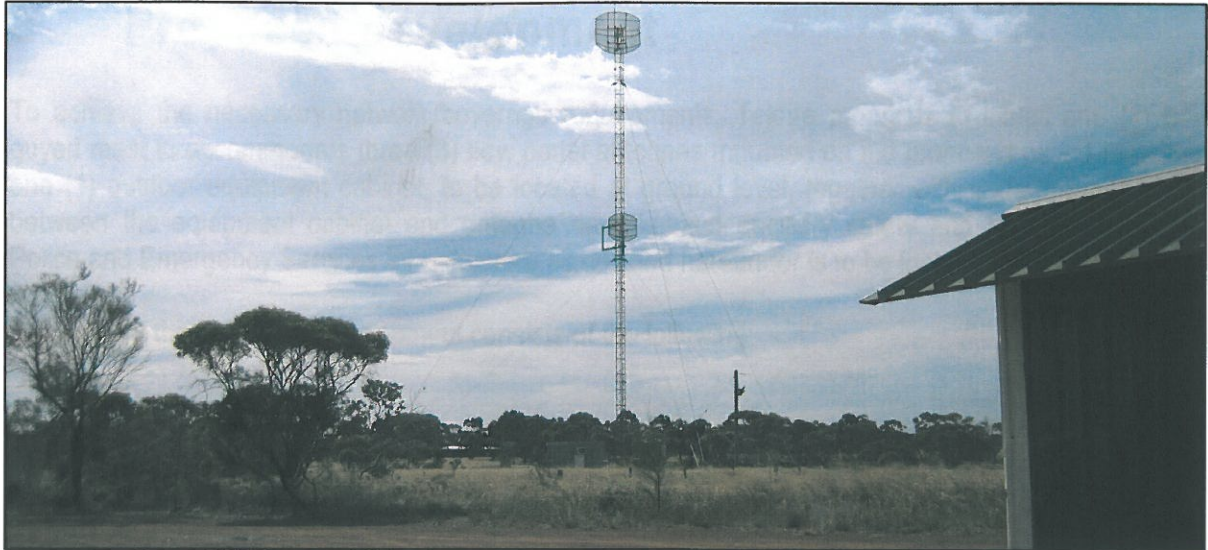
SCALE 1:30,000 @ A4
DATE 25 June 2012
FILE 120625 2832 Fig3Aer.dwg
REVISION 1/GW/First Draft/25.06.12

Scale Bar (m)

0 500



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BASEPLAN SOURCE: GOOGLE MAPS



Photograph 1 – View of existing facility north west from Devils Creek Road – mast to be removed after installation of new facility.



Photograph 2 – View of proposed site east from existing facility.



Photograph 3 – View west towards South Coast Highway from existing facility.

3 Proposed development

To achieve the necessary network coverage requirements, Telstra proposes to install one (1) new guyed mast to accommodate three (3) new panel antennas mounted on the proposed guyed mast and one (1) outdoor equipment cabinet, to be located at ground level, together with underground cabling between the equipment cabinet and antenna devices, and ancillary safety and access equipment. Police and Emergency Services infrastructure as detailed hereunder is to be installed on the facility.

In summary the proposed development consists of the following:

1. Telstra:

Guyed Mast:	1
Height:	60.45m above natural ground level
Panel Antennas:	3
Dimensions:	2350mm (h) x 480mm (w) x 80mm (d)
Elevation:	60.00m C/L above natural ground level
Equipment Cabinet	1
Dimensions:	1270mm (l) x 750mm (w) x 2125mm (h)
Elevation:	Natural ground level
Materials:	Colorbond in Stone Beige

The guyed mast structure will be of a galvanised finish which is considered to be the most unobtrusive option for the proposed infrastructure.

2. WA Police Services:

Dipole Array:	1
Dimensions:	2500mm (h) x 415mm (w)
Elevation:	52.50m c/l above natural ground level
Radiocommunications Dishes:	4
Dimension:	2 x 2400mm diameter
Elevation:	1 x 44.00m C/L above natural ground level 1 x 35.00m C/L above natural ground level
Dimension:	1 x 1800mm diameter

Elevation:	50.20m C/L above natural ground level
Dimension:	1 x 1200mm diameter
Elevation:	24.00m C/L above natural ground level
Equipment Shelter:	1
Elevation	Natural Ground Level

Detailed plans and elevations depicting the subject proposal are attached (refer **Appendix 2**).

TN
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* DIMENSIONS ARE SUBJECT TO
STRUCTURAL ANALYSIS AND
GEOTECHNICAL REPORT

PROPOSED TELSTRA 60m HIGH
750 F/W GUYED MAST

PROPOSED WAPOL EQUIPMENT
HUT

PROPOSED TELSTRA COMPOUND
SECURITY FENCE WITH DOUBLE
ACCESS GATES

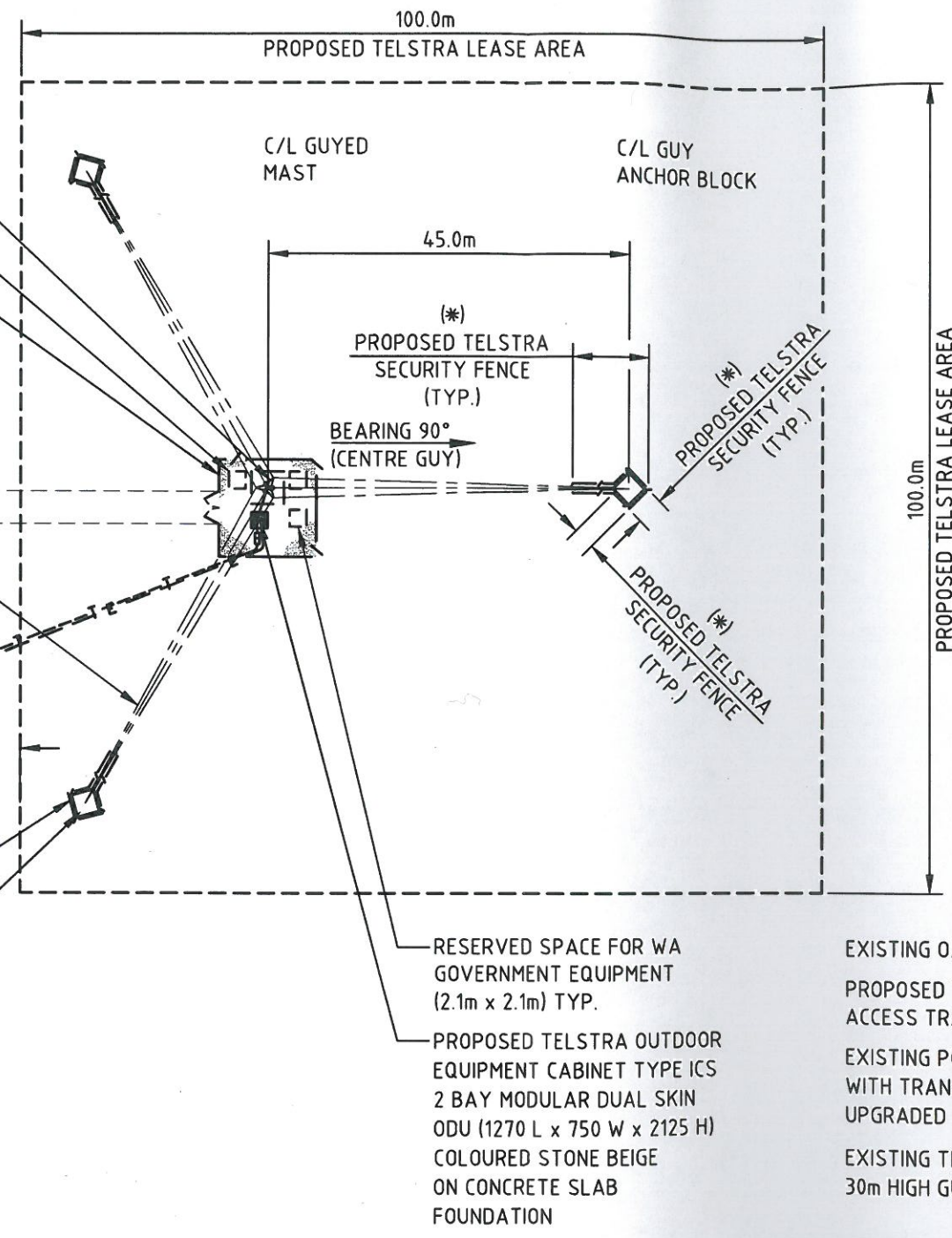
PROPOSED TELSTRA 4.0m
WIDE ACCESS TRACK
(APPROX. 160m LONG)

PROPOSED TELSTRA GUY
WIRE (TYP.)

EXISTING
TELSTRA 30m
HIGH GUY MAST

PROPOSED TELSTRA STOCK
FENCE AREA (TYP.)

PROPOSED TELSTRA GUY WIRE
ANCHOR BLOCK FOUNDATION
(TYP.) (3 OFF)



(*)
PROPOSED TELSTRA
SECURITY FENCE
(TYP.)

BEARING 90°
(CENTRE GUY)

(*)
PROPOSED TELSTRA
SECURITY FENCE
(TYP.)

(*)
PROPOSED TELSTRA
SECURITY FENCE
(TYP.)

RESERVED SPACE FOR WA
GOVERNMENT EQUIPMENT
(2.1m x 2.1m) TYP.

PROPOSED TELSTRA OUTDOOR
EQUIPMENT CABINET TYPE ICS
2 BAY MODULAR DUAL SKIN
ODU (1270 L x 750 W x 2125 H)
COLOURED STONE BEIGE
ON CONCRETE SLAB
FOUNDATION

EXISTING O/H POWER SUPPLY ROUTE
PROPOSED TELSTRA 4.0m WIDE
ACCESS TRACK (APPROX. 160m LONG)
EXISTING POWER POLE No. 685774
WITH TRANSFORMER TO BE
UPGRADED (TBC AT DD STAGE)
EXISTING TELSTRA SITE WITH
30m HIGH GUY MAST

GRASS
AREA

EXISTING TREES (TYP.)

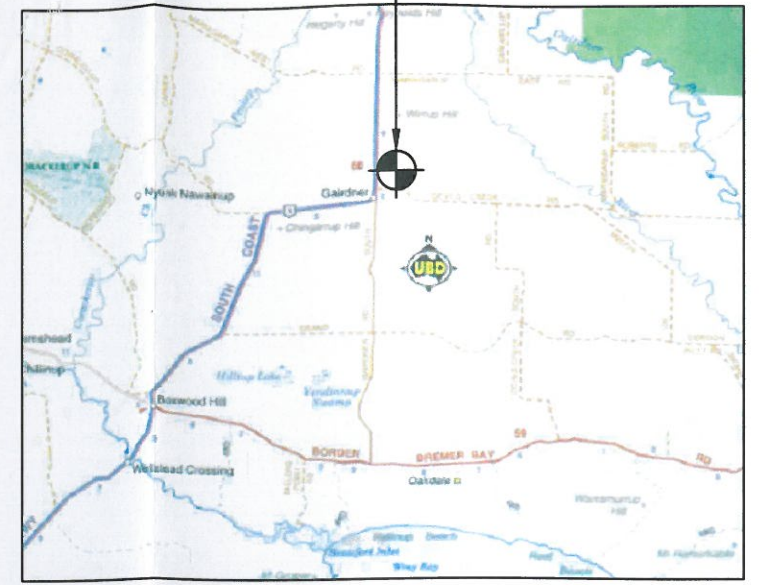
PROPOSED TELSTRA SUB-MAINS
ROUTE IN P63 CONDUIT FROM
EXISTING TELSTRA METER BOX

PROPOSED TELSTRA SITE

DEVILS CREEK ROAD

PROPOSED TELSTRA
U/G FIBRE LINK ROUTE
IN P50 CONDUIT

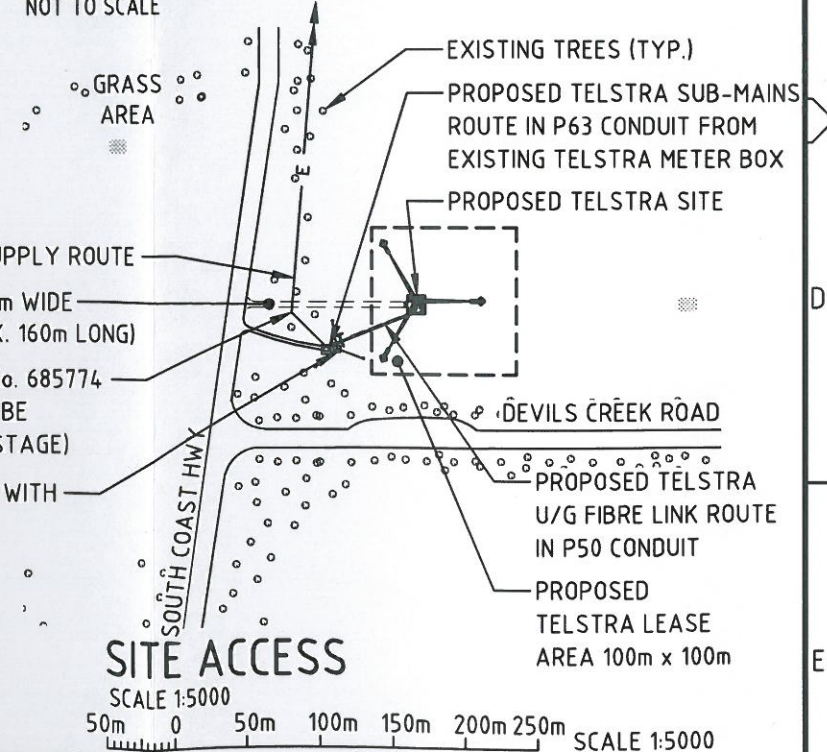
PROPOSED
TELSTRA LEASE
AREA 100m x 100m



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LOCALITY PLAN

REFERENCE MAP: UBD WESTERN AUSTRALIA
COUNTRY ROAD ATLAS, 11TH EDITION
MAP PAGE 8, GRID D 1
NOT TO SCALE



SITE ACCESS

SCALE 1:5000
50m 0 50m 100m 150m 200m 250m SCALE 1:5000

NOTES:

1. ALL EXTERNAL FEEDERS AND TAILS MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
2. THIS DRAWING SET IS A PRELIMINARY DRAWING ONLY AND IS ISSUED FOR COMMENT. IT IS NOT A DETAILED SURVEY / STRUCTURAL DRAWING AND THEREFORE COULD BE SUBJECT TO CHANGE.
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4. FOUNDATIONS ARE SHOWN INDICATIVE ONLY. FINAL DESIGN IS SUBJECT TO RESULTS OF GEOTECHNICAL INVESTIGATION.

SITE LAYOUT

SCALE 1:800
8m 0 8m 16m 24m 32m 40m SCALE 1:800

* INFORMATION TAKEN FROM
TELSTRA DRAWING WG9300
SHEET 3, ISSUE 6

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH SHEET S1-1

DO NOT
SCALE

PROPERTY DESCRIPTION

PART OF LOT 1476 ON DP 207511
VOLUME LR3083 FOLIO 26

**SITE STRUCTURE CO-ORDINATES
HAND HELD GPS READING ± 10m,
CENTRE OF MAST**

LATITUDE	GDA 94 -34.20299
LONGITUDE	GDA 94 118.93904



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
WA07057.01	SUN	GW	PRELIMINARY FOR APPROVAL - 71472103W001SSMC	DT	JB	10.07.12	1
WA07057.01	SL	JCF	NOTES REVISED - 71472103W001SSMC	DT	JB	31.07.12	2



Telstra

**MOBILE NETWORK SITE 285259
GAIRDNER RIVER**

SITE LAYOUT AND ACCESS
32873, SOUTH COASTAL HWY, GAIRDNER, WA 6337

DWG NO. **W107143** SHT NO. S1 INDEX

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TN

A

B

C

D

E

F

A

B

C

D

E

F

A3

PROPOSED TELSTRA PANEL ANTENNAS
(3 OFF A1, A2 & A3)

PROPOSED TELSTRA 75 MIN THICK
GRAVEL TOPPING ON WEED MAT
WITH TREATED PINE TIMBER EDGING

PROPOSED WAPOL EQUIPMENT HUT

BEHIND EACH
PANEL ANTENNA #2

5.0m AGL #6

SIGN TO BE FIXED TO
COMPOUND ACCESS GATE #13

PROPOSED TELSTRA 60m HIGH
750 F/W GUYED MAST

PROPOSED TELSTRA 4.0m WIDE
ACCESS TRACK (APPROX. 160m LONG)

PROPOSED TELSTRA FEEDERS
IN U/G ϕ 150 CONDUITS (3 OFF)

PROPOSED TELSTRA SUB-MAINS
ROUTE IN P63 CONDUIT FROM
EXISTING TELSTRA METER BOX

12000
PROPOSED TELSTRA COMPOUND SECURITY FENCE

6000
C/L MAST

RESERVED SPACE FOR WA GOVERNMENT
EQUIPMENT (2.1m x 2.1m) TYP.

PROPOSED TELSTRA RRU'S (3 OFF)
AND RRU INTERFACE JUNCTION BOXES
(3 OFF) ATTACHED TO MAST LEG

PROPOSED TELSTRA GUY WIRE (TYP.)

LEGEND

PROPOSED

SITE EME SIGNAGE

#2 EME TELSTRA #2 SIGN
SIGNS TO BE UV STABLE STICKERS
AND FIXED TO REAR OF ALL
TELSTRA PANEL ANTENNAS (3 OFF)

#6 EME TELSTRA #6 SIGN
SECURED 5.0m ABOVE GROUND
LEVEL TO GUYED MAST USING
STAINLESS STEEL STRAPS

#13 EME TELSTRA #13 SIGN
SECURED TO TELSTRA COMPOUND GATE
USING STAINLESS STEEL STRAPS

PROPOSED TELSTRA COMPOUND SECURITY
FENCE WITH DOUBLE ACCESS GATES

PROPOSED TELSTRA OUTDOOR EQUIPMENT CABINET TYPE ICS
2 BAY MODULAR DUAL SKIN ODU (1270 L x 750 W x 2125 H)
COLOURED STONE BEIGE ON CONCRETE SLAB FOUNDATION

PROPOSED TELSTRA P6 FIBRE PIT

PROPOSED TELSTRA U/G FIBRE LINK
ROUTE IN P50 CONDUIT

SITE LAYOUT

SCALE 1:100
1m 0 1m 2m 3m 4m 5m SCALE 1:100

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH SHEET S1

NOTES:

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3. FOR EME SIGNS NOTED THUS REFER TO 005486 FOR DETAILS.
4. WA GOVERNMENT EQUIPMENT ALLOCATION IS PRELIMINARY ONLY AND IS DEPENDANT ON FUTURE DESIGN REQUIREMENTS.
5. FOUNDATIONS ARE SHOWN INDICATIVE ONLY. FINAL DESIGN IS SUBJECT TO RESULTS OF GEOTECHNICAL INVESTIGATION.

DO NOT SCALE

F



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WA07057.01	SUN	GW	PRELIMINARY FOR APPROVAL - 714.72103W001SSMC	DT	JB	10.07.12	1
WA07057.01	SL	JCF	NOTES REVISED - 714.72103W001SSMC	DT	JB	31.07.12	2

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PRELIMINARY

MOBILE NETWORK SITE 285259
GAIRDNER RIVER
SITE LAYOUT
32873, SOUTH COASTAL HWY, GAIRDNER, WA 6337

DWG NO. **W107143** SHT NO. **S1-1** INDEX

Telstra Wireless Operations Template - 071666P02 Issued Feb 2009

TELSTRA ANTENNA CONFIGURATION TABLE

ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA STATUS	ANTENNA HEIGHT C/L A.G.L.	ANTENNA BEARING (°T)	SECTOR NO. & SYSTEM
A1	ARGUS CPX209R-L-V1 PANEL 2350 x 480 x 80	PROPOSED	60.00m	15°	S1: WCDMA850 S1: WCDMA850
A2	ARGUS CPX209R-L-V1 PANEL 2350 x 480 x 80	PROPOSED	60.00m	130°	S2: WCDMA850 S2: WCDMA850
A3	ARGUS CPX209R-L-V1 PANEL 2350 x 480 x 80	PROPOSED	60.00m	240°	S3: WCDMA850 S3: WCDMA850

NOTES:

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SITE EME SIGNAGE

- #2 EME TELSTRA #2 SIGN
SIGNS TO BE UV STABLE STICKERS AND FIXED TO REAR OF ALL TELSTRA PANEL ANTENNAS (3 OFF)
- #6 EME TELSTRA #6 SIGN
SECURED 5.0m ABOVE GROUND LEVEL TO GUYED MAST USING STAINLESS STEEL STRAPS
- #13 EME TELSTRA #13 SIGN
SECURED TO TELSTRA COMPOUND GATE USING STAINLESS STEEL STRAPS

PROPOSED TELSTRA DDLNA'S (6 OFF) ATTACHED TO STD MOUNT BEHIND ANTENNAS

E.L. 52.50m

C/L PROPOSED WAPOL DIPOLE ARRAY

E.L. 50.20m

C/L PROPOSED WAPOL Ø1800 PARABOLIC DISH FACING DERRAMUNGUP EXCHANGE

E.L. 44.00m

C/L PROPOSED WAPOL Ø2400 PARABOLIC DISH FACING TOOREBURRUP HILL

E.L. 35.00m

C/L PROPOSED WAPOL Ø2400 PARABOLIC DISH FACING MOR HILL

E.L. 24.00m

C/L PROPOSED WAPOL Ø1200 PARABOLIC DISH FACING TOOREBURRUP HILL

5.0m AGL #6

E.L. 0.00m

GROUND LEVEL (R.L. 175.00m AHD)



DO NOT SCALE DIMENSIONS IN

WEST ELEVATION

SCALE 1:200
2m 0 2m 4m 6m 8m 10m SCALE 1:200

PRELIMINARY

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WA07057.01	SUN	GW	PRELIMINARY FOR APPROVAL - 71472103W001SSMC	DT	JB	10.07.12	1
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MOBILE NETWORK SITE 285259

GAIRDNER RIVER

WEST ELEVATION

32873, SOUTH COASTAL HWY, GAIRDNER, WA 6337

DWG NO. W107143

SHT NO. INDEX

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