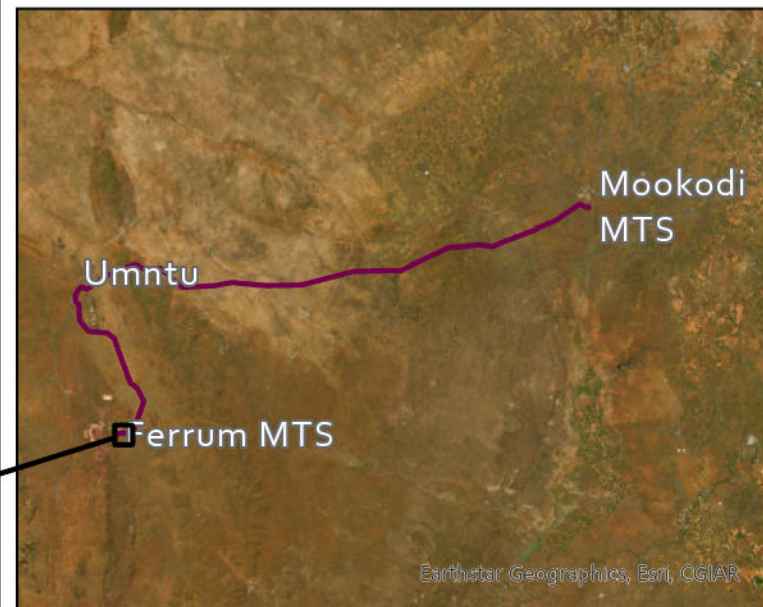
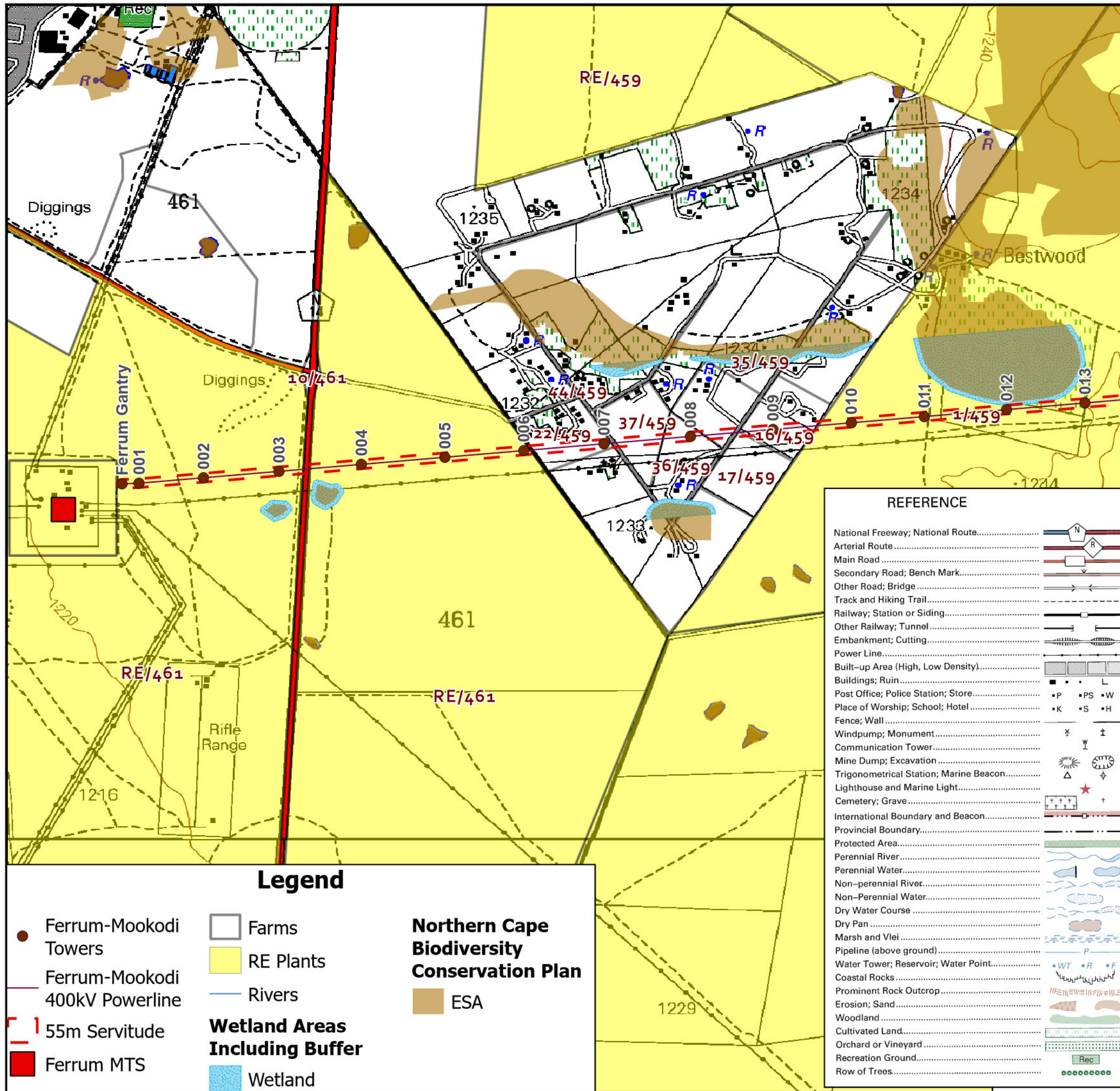




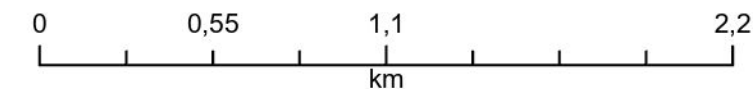
**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

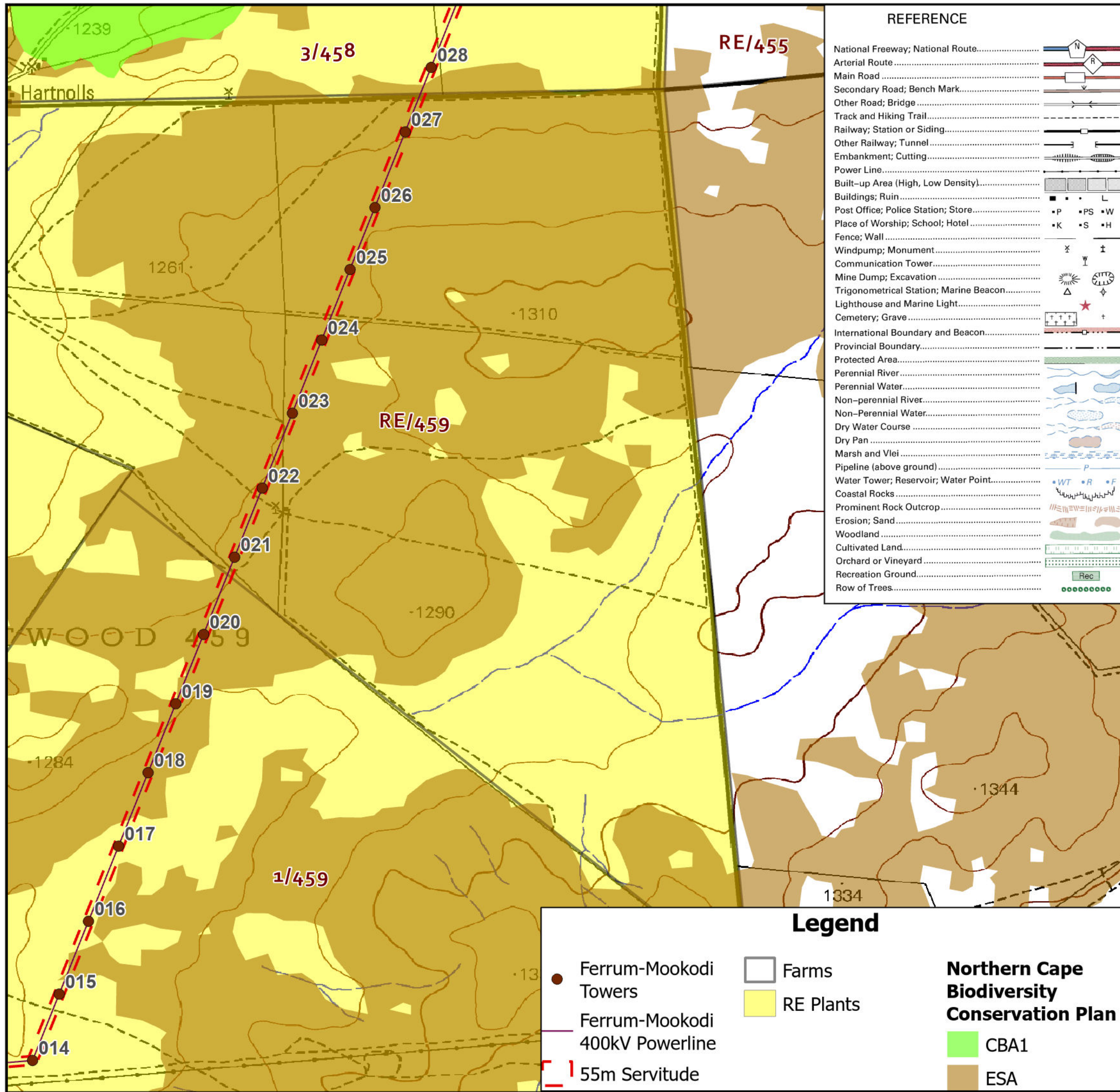
Avoid the delineated watercourse areas where feasible.

Nest proof and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 01-13	01
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

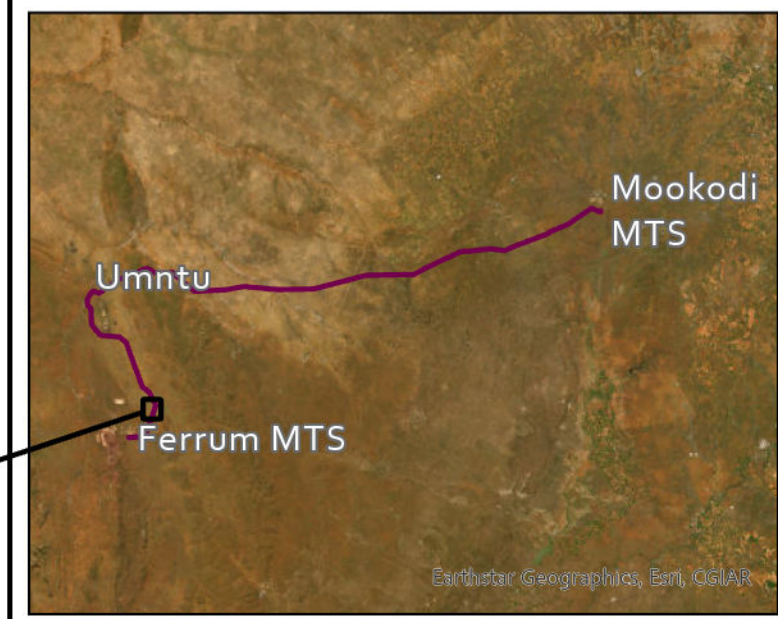
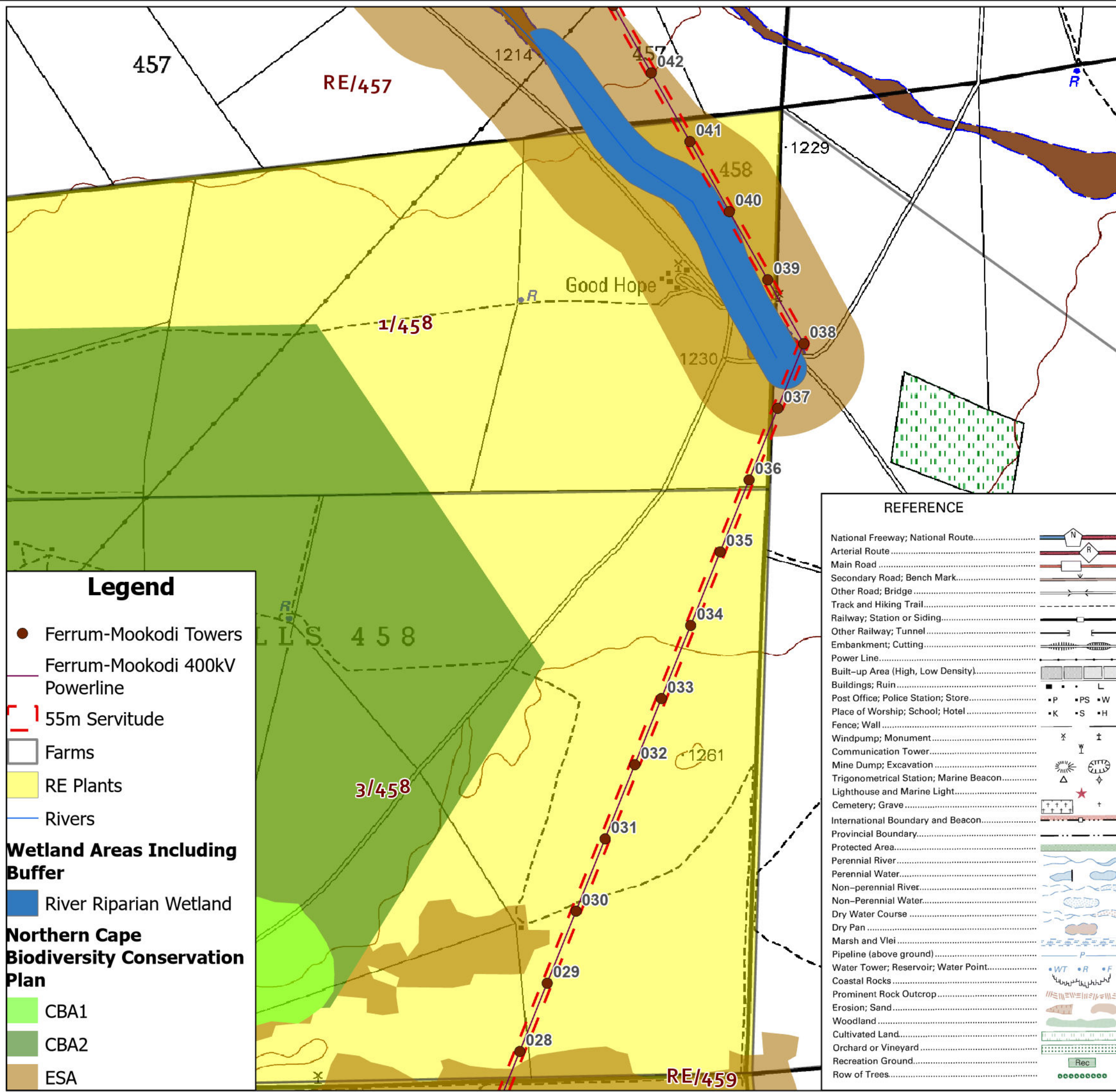
Avoid the delineated watercourse areas where feasible.

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.

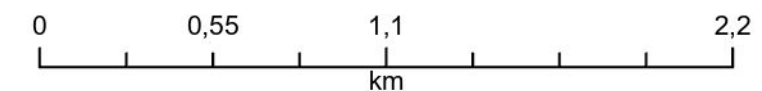
Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 14-28	Map No. 02
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	

Building 2, Constantia Park
546, 16th Road
Midrand
1685

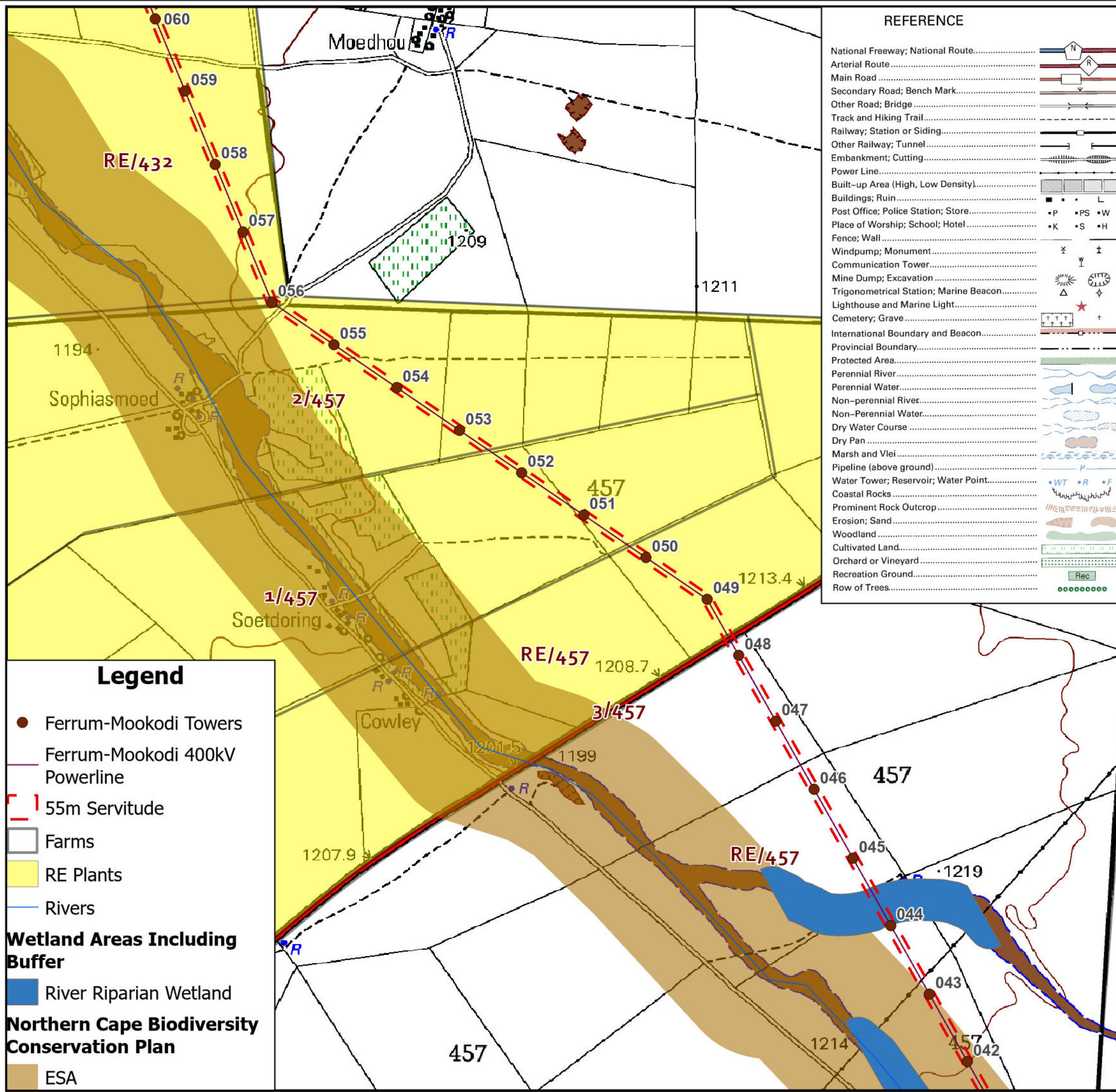


**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

- NOTES:**
- Avoid the delineated watercourse areas where feasible.
 - Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Fit the line with BFDs.
 - Avoid the delineated watercourse areas where feasible.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 28-42	03
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



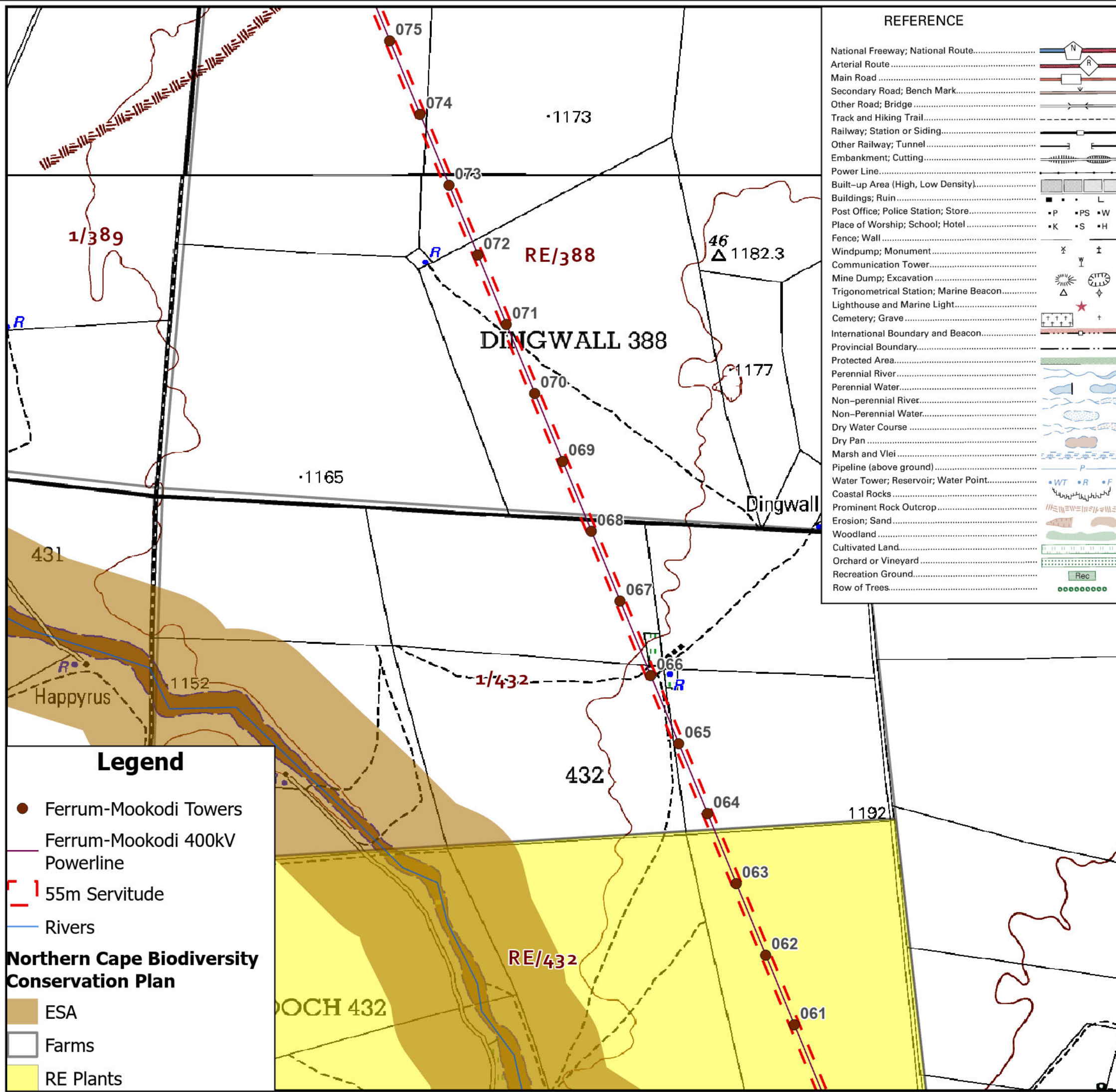
KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

- Avoid the delineated watercourse areas where feasible.
- Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
- Fit the line with BFDs.
- Avoid the delineated watercourse areas where feasible

Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 42-60	Map No. 04
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	

Building 2, Constantia Park
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KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Avoid the delineated watercourse areas where feasible.

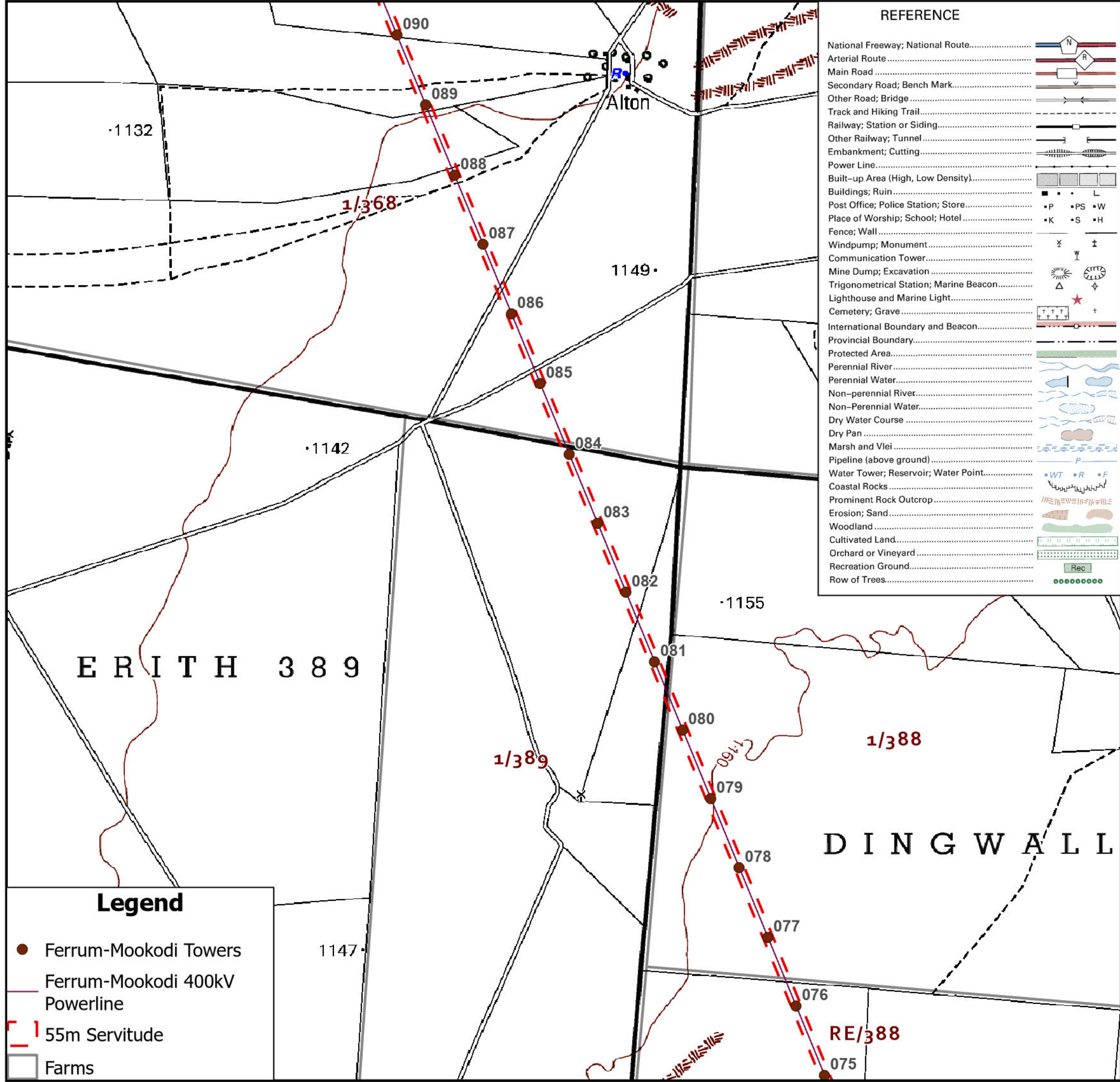
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.

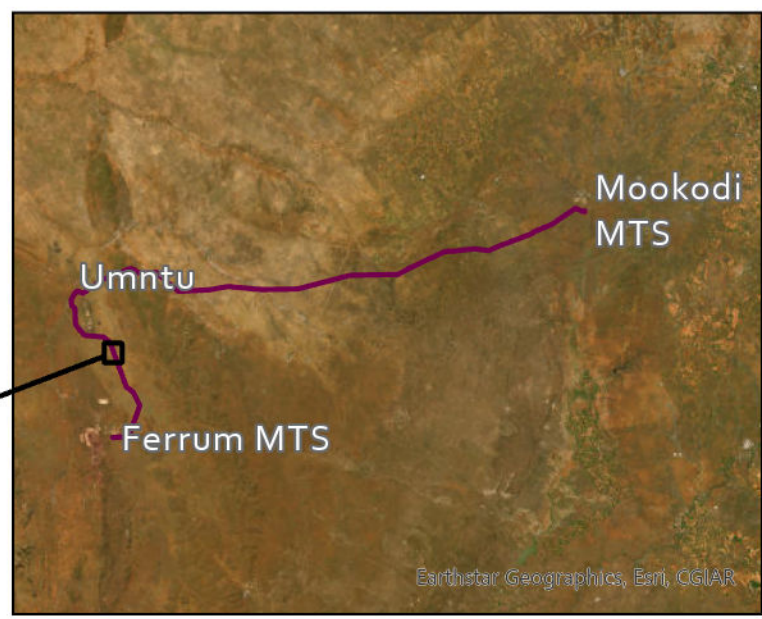
During construction, an avifauna specialist must confirm there are no nests present.

Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 60-75	Map No. 05
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	

Building 2, Constantia Park
546, 16th Road
Midrand
1685



REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	



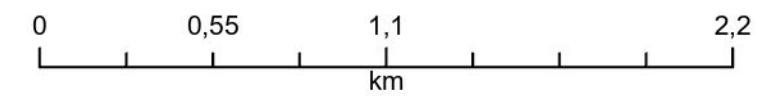
KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

NOTES:

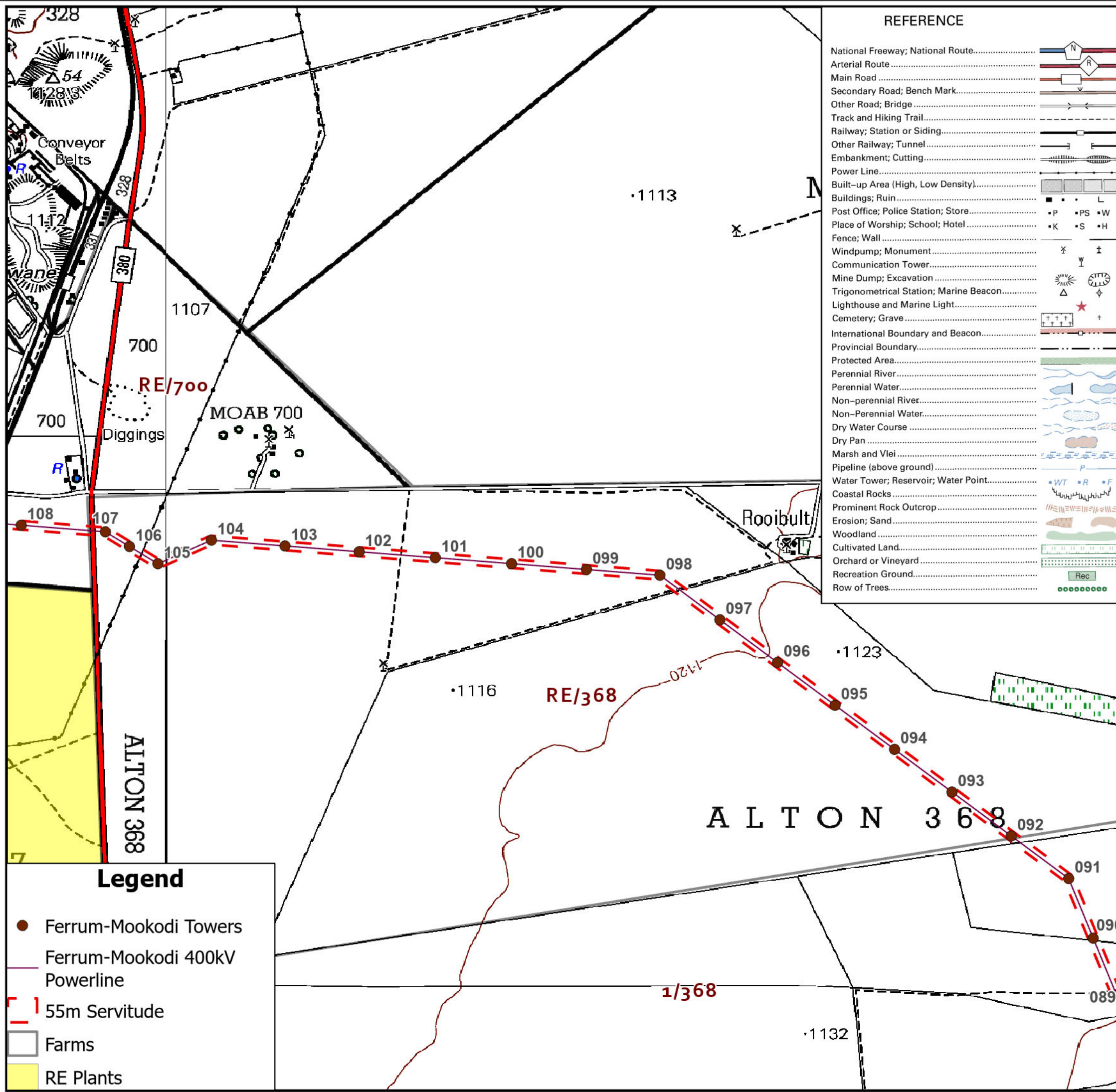
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.

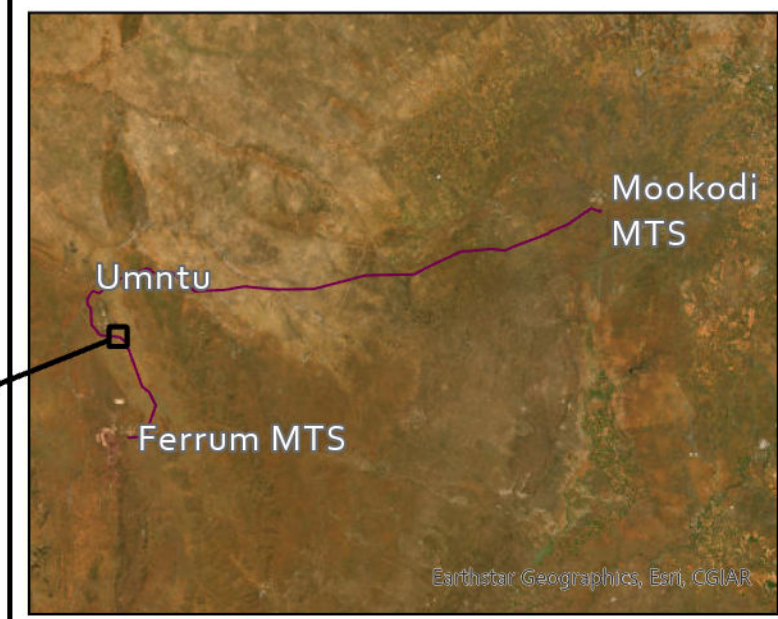
During construction, an avifauna specialist must confirm there are no nests present from towers 75-80.



Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 75-90	Map No. 06
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	



REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	

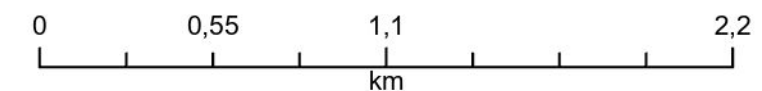


KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

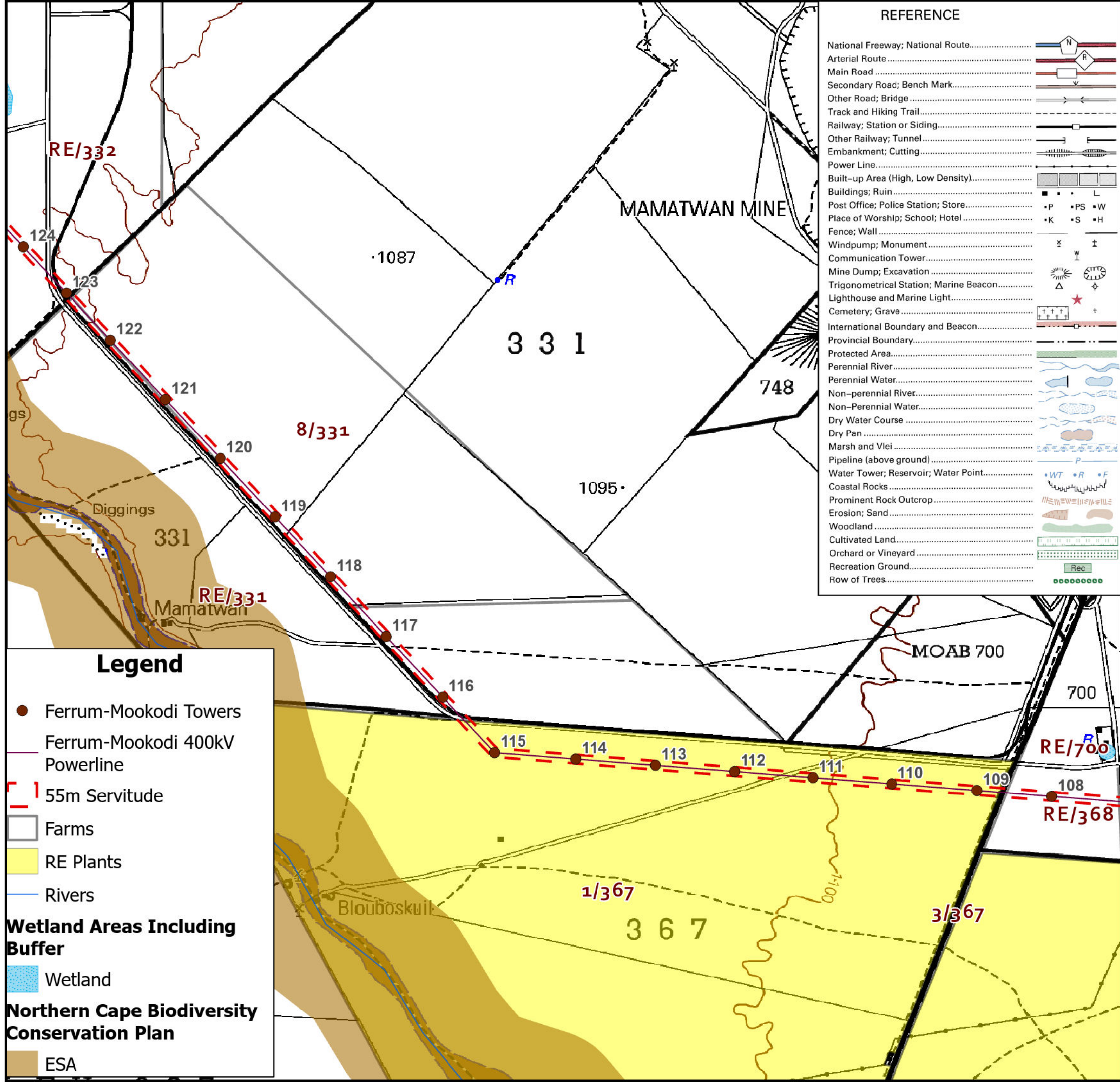
Fit the line with BFDs.



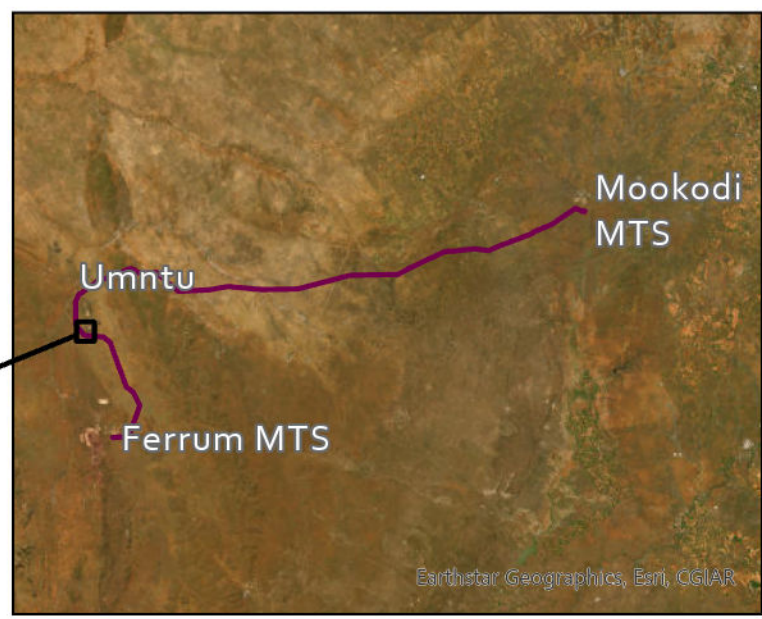
Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 90-108	Map No. 07
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	



Building 2, Constantia Park
546, 16th Road
Midrand
1685



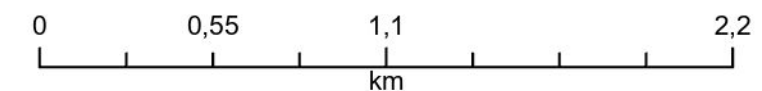
REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	



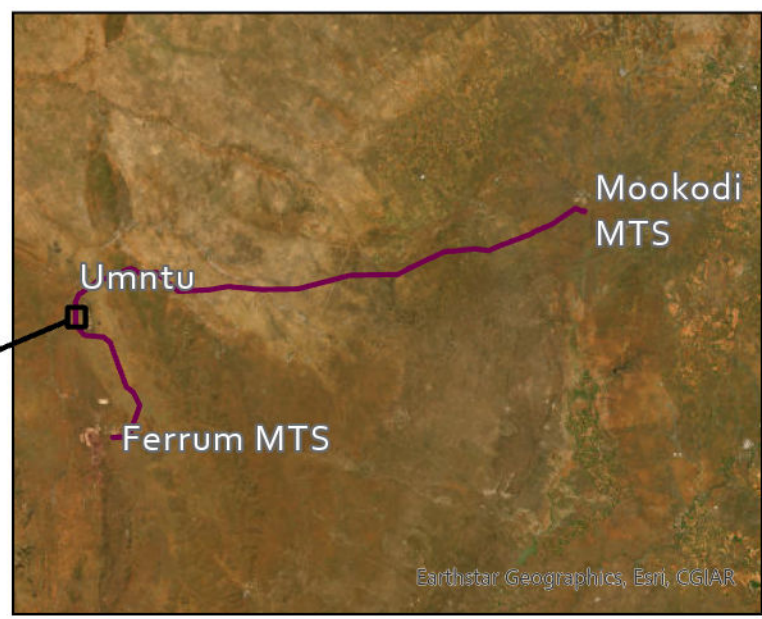
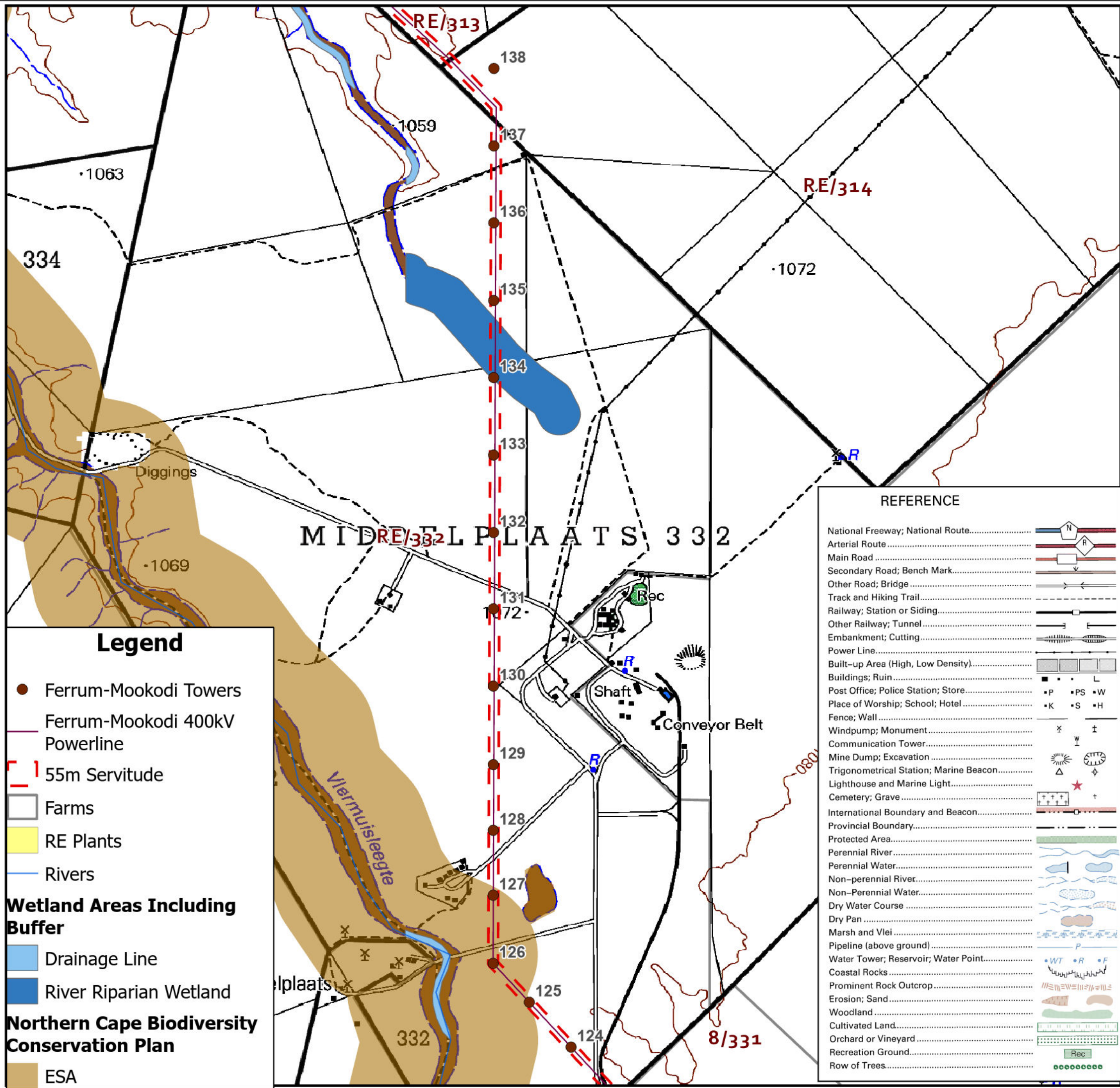
KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

NOTES:
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.

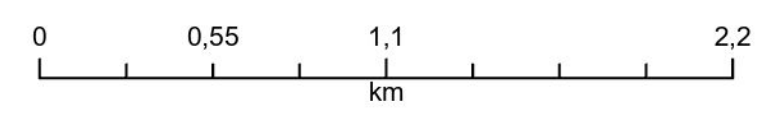


Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 108-124	Map No. 08
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	



KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

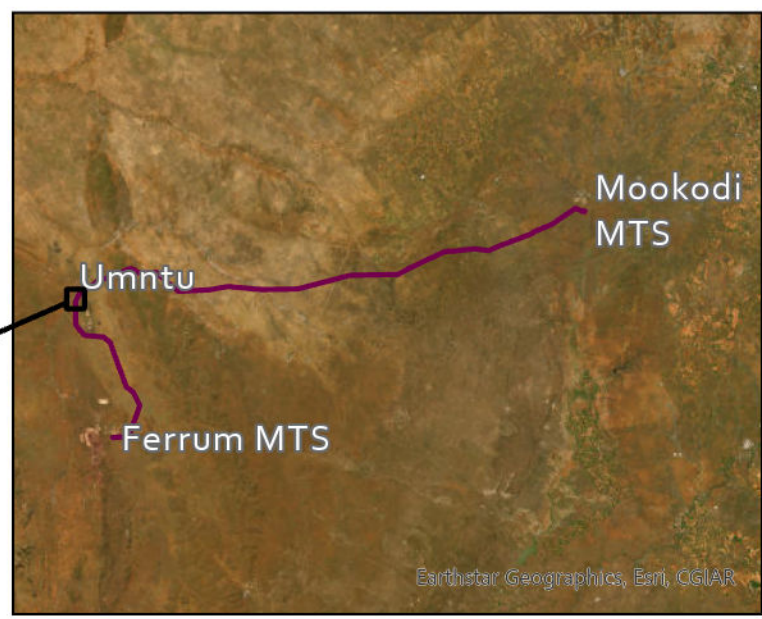
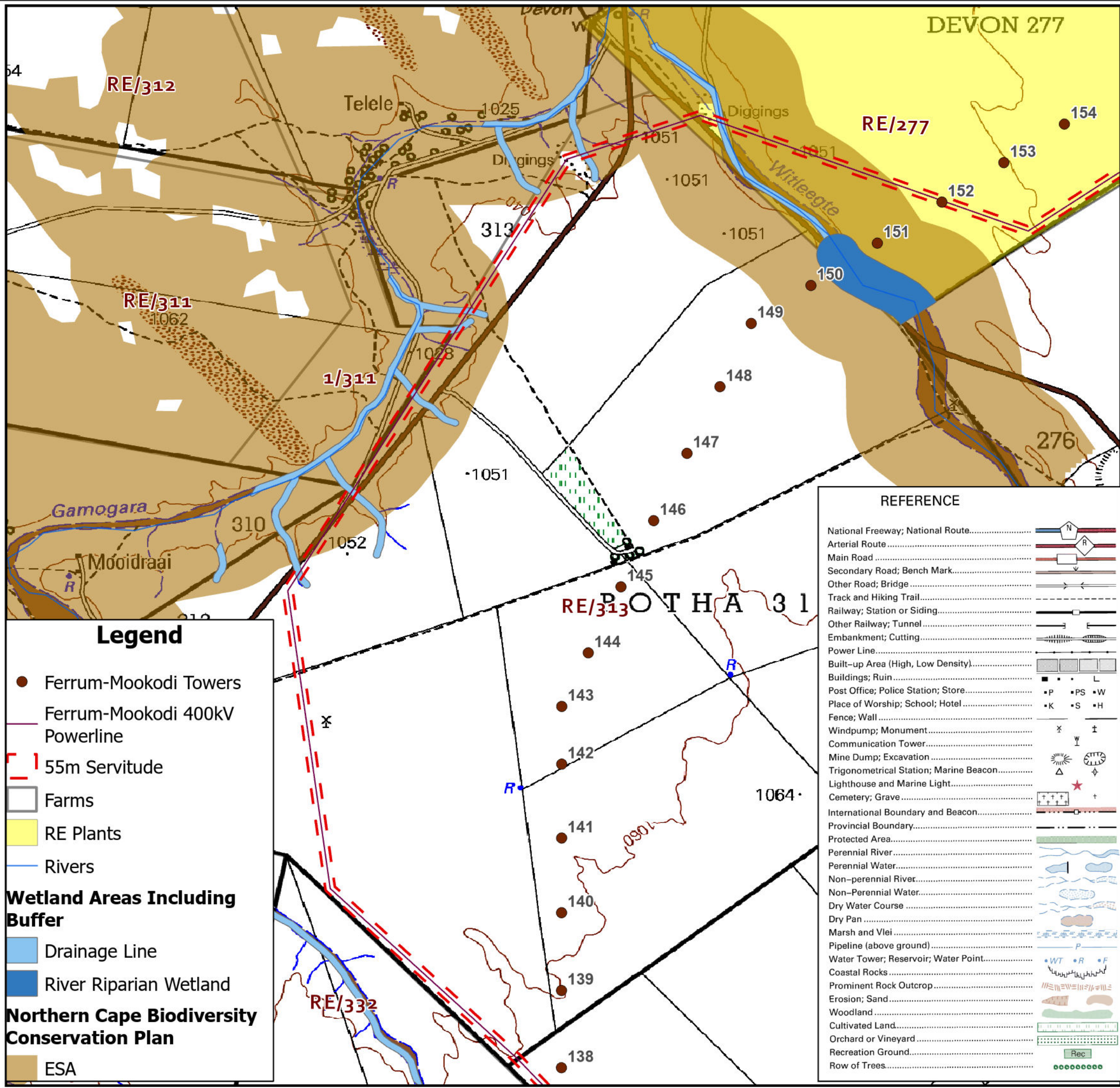
- NOTES:**
- Avoid the delineated watercourse areas where feasible.
 - Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Fit the line with BFDs.
 - During construction, an avifauna specialist must confirm there are no nests present.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 124-138	09
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		

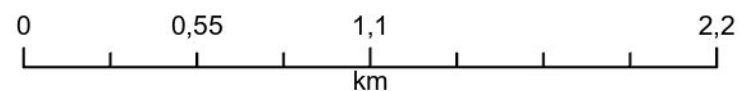
Building 2, Constantia Park
546, 16th Road
Midrand
1685

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	



**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

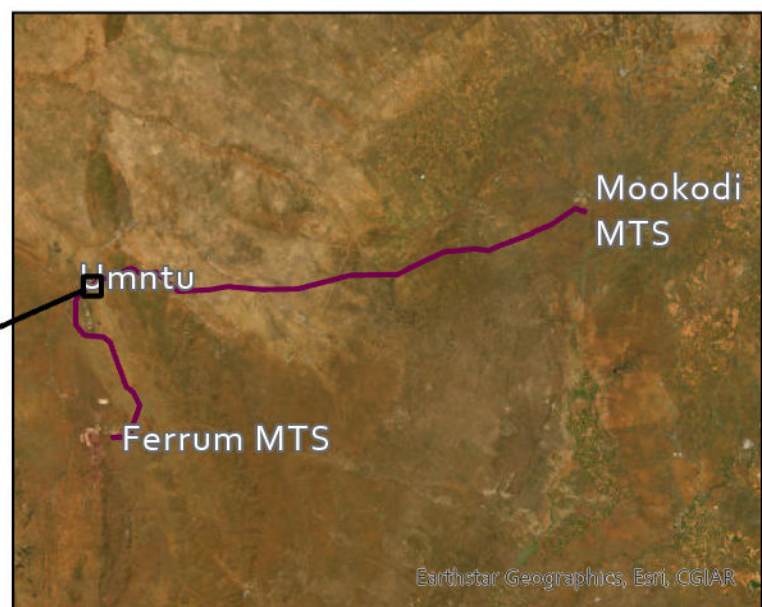
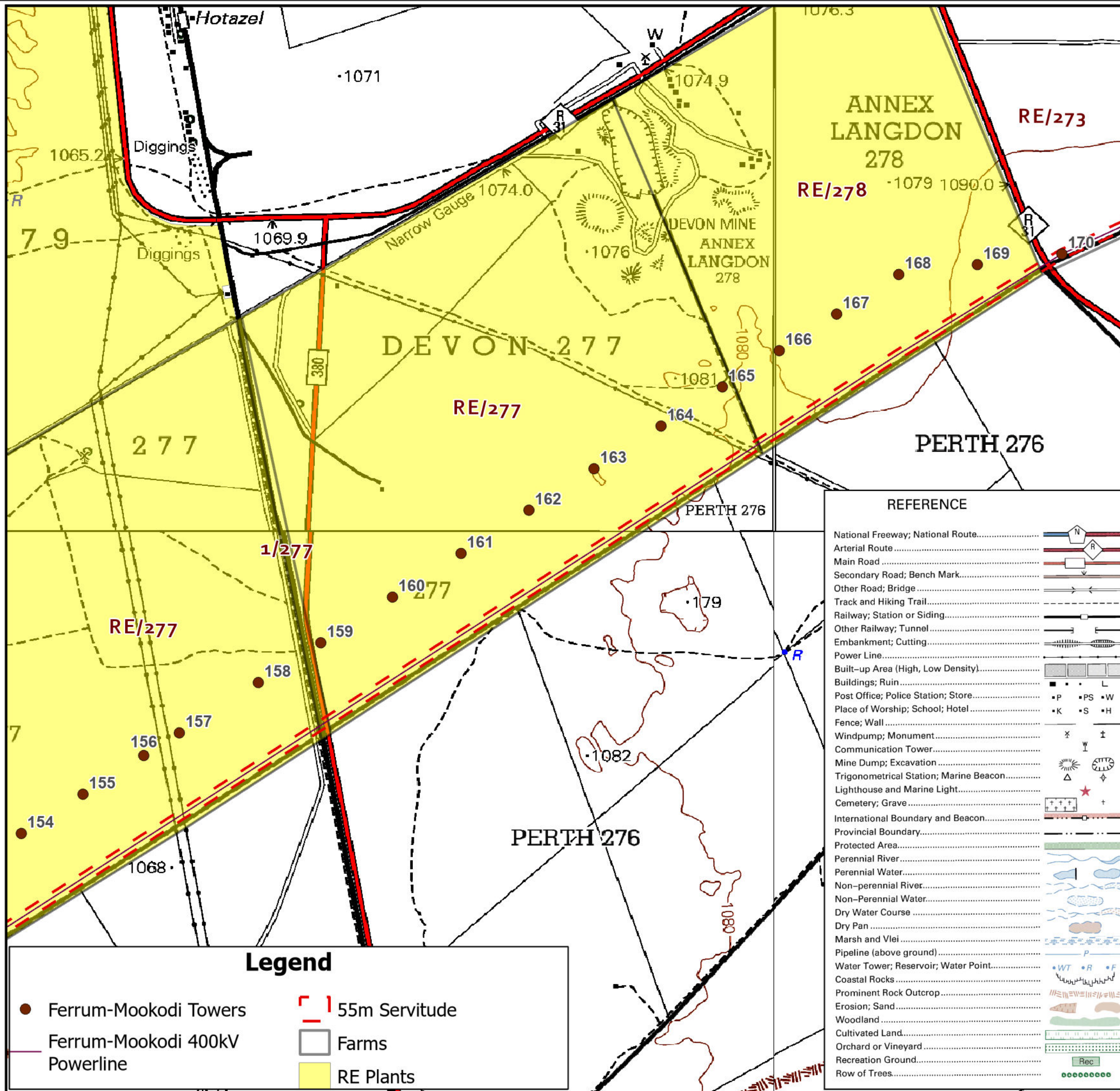
- NOTES:**
- Avoid the delineated watercourse areas where feasible.
 - Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Fit the line with BFDs.
 - During construction, an avifauna specialist must confirm there are no nests present.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 138-154	10
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		

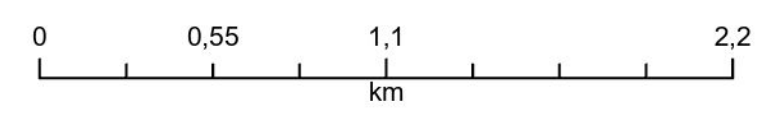
Building 2, Constantia Park
546, 16th Road
Midrand
1685

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	

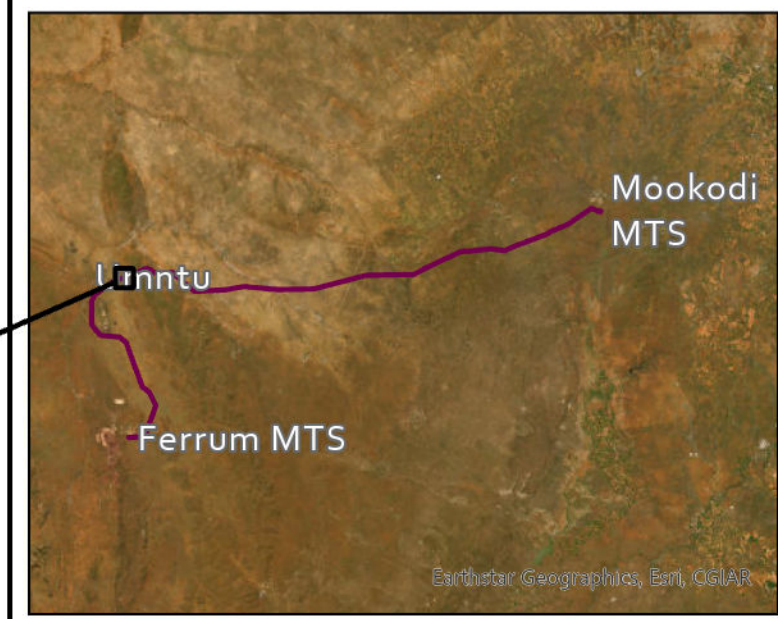
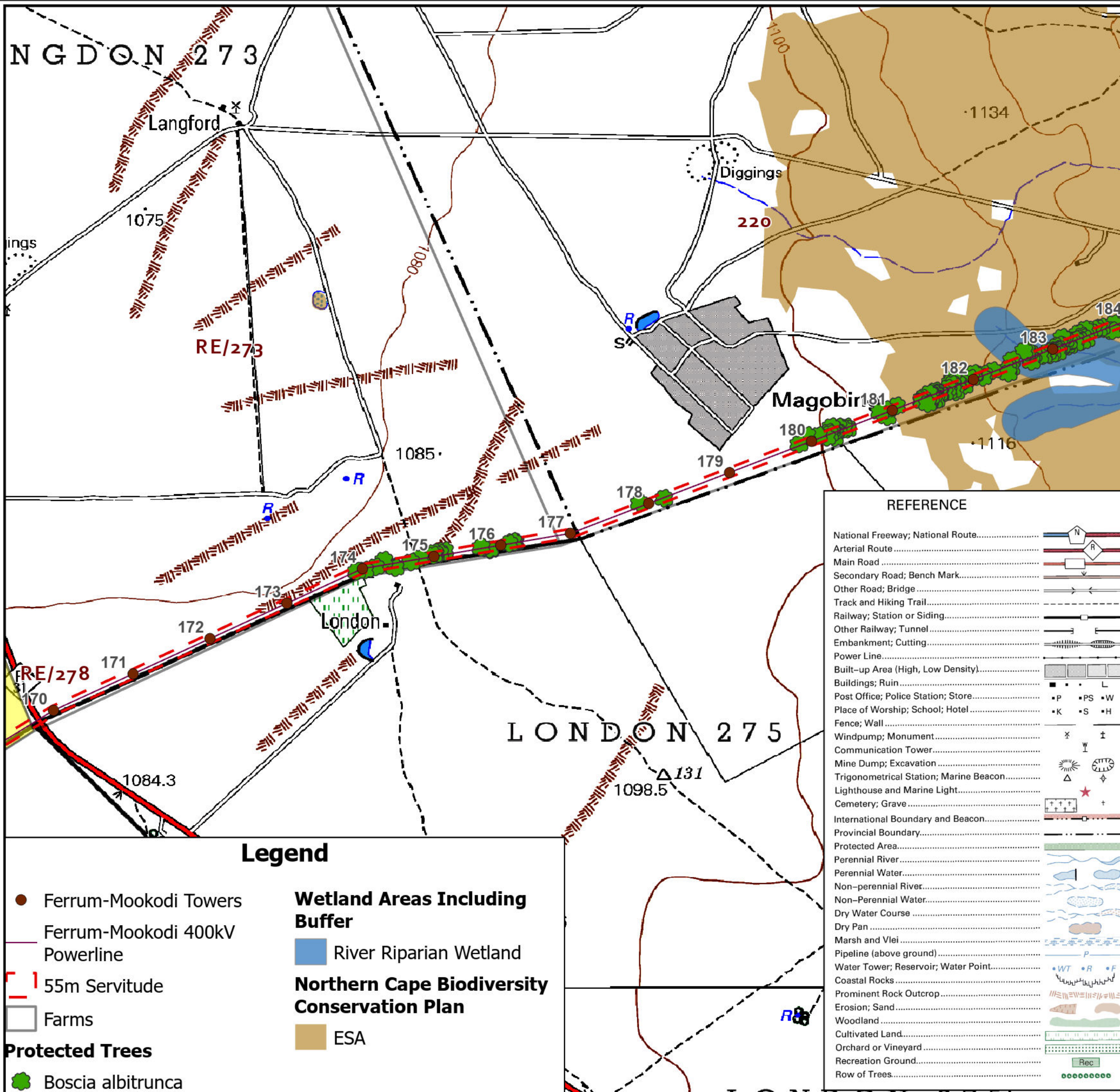


**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

- NOTES:**
- Avoid the delineated watercourse areas where feasible.
 - Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Fit the line with BFDs.
 - During construction, an avifauna specialist must confirm there are no nests present.

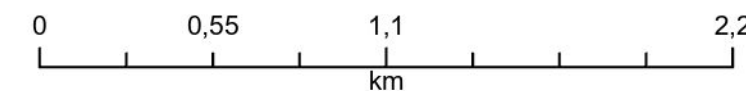


Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 154-170	11
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

- NOTES:**
- Avoid the delineated watercourse areas where feasible.
 - Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Fit the line with BFDs.
 - Apply for a tree permit and General Authorisation.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 170-184	12
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



Building 2, Constantia Park
546, 16th Road
Midrand
1685

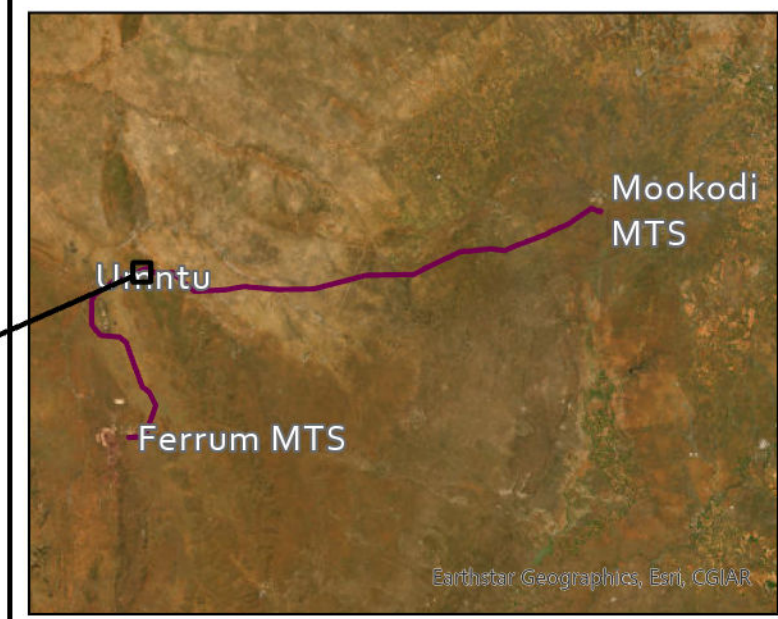
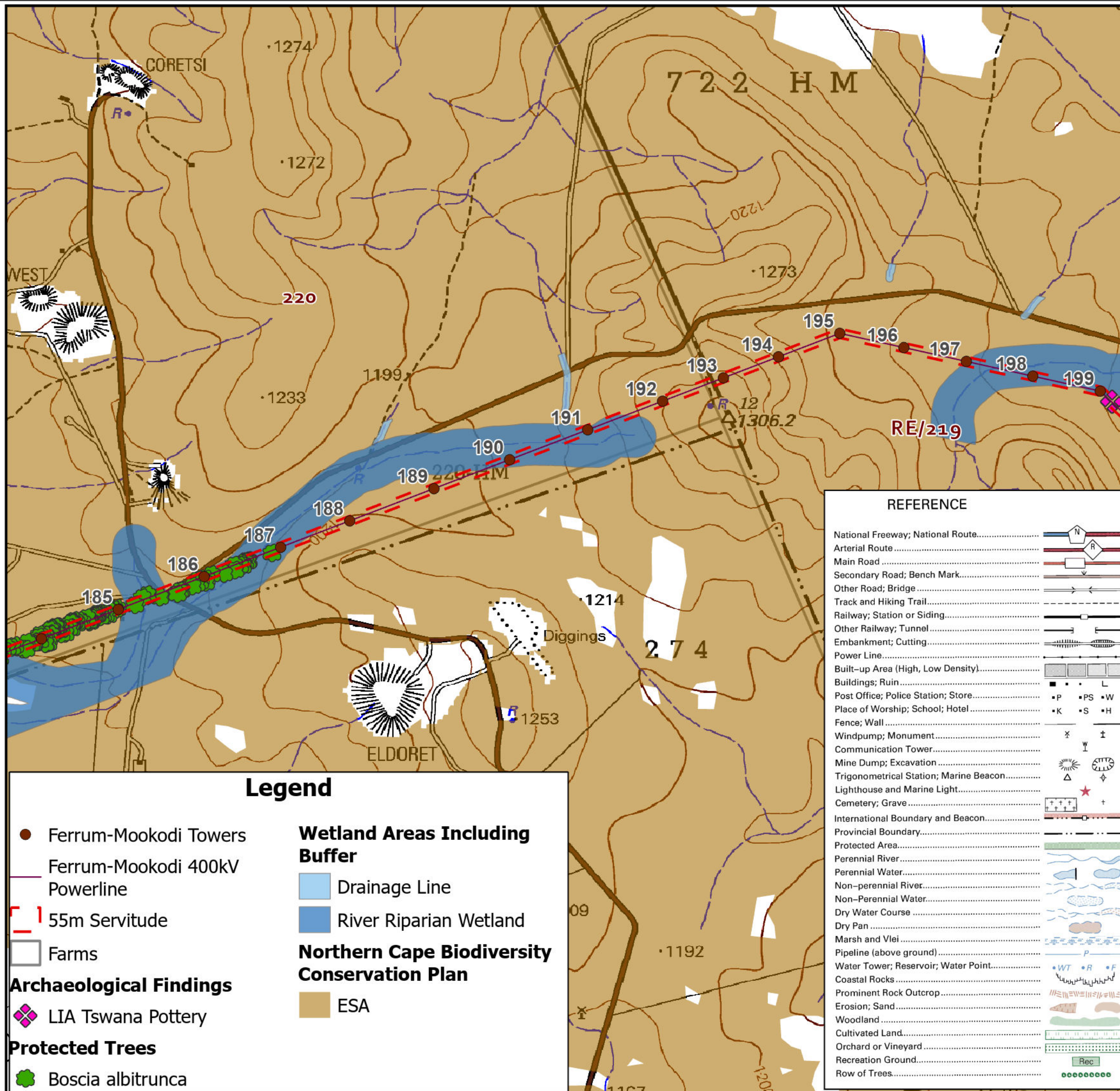
Legend

- Ferrum-Mookodi Towers
- Ferrum-Mookodi 400kV Powerline
- 55m Servitude
- Farms
- Protected Trees**
- Boscia albitrunca

Wetland Areas Including Buffer

- River Riparian Wetland
- Northern Cape Biodiversity Conservation Plan**
- ESA

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	



**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

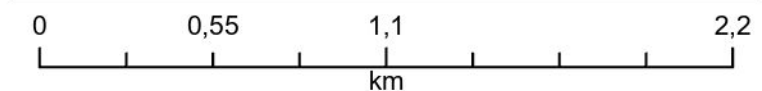
NOTES:

Avoid the delineated watercourse areas where feasible.

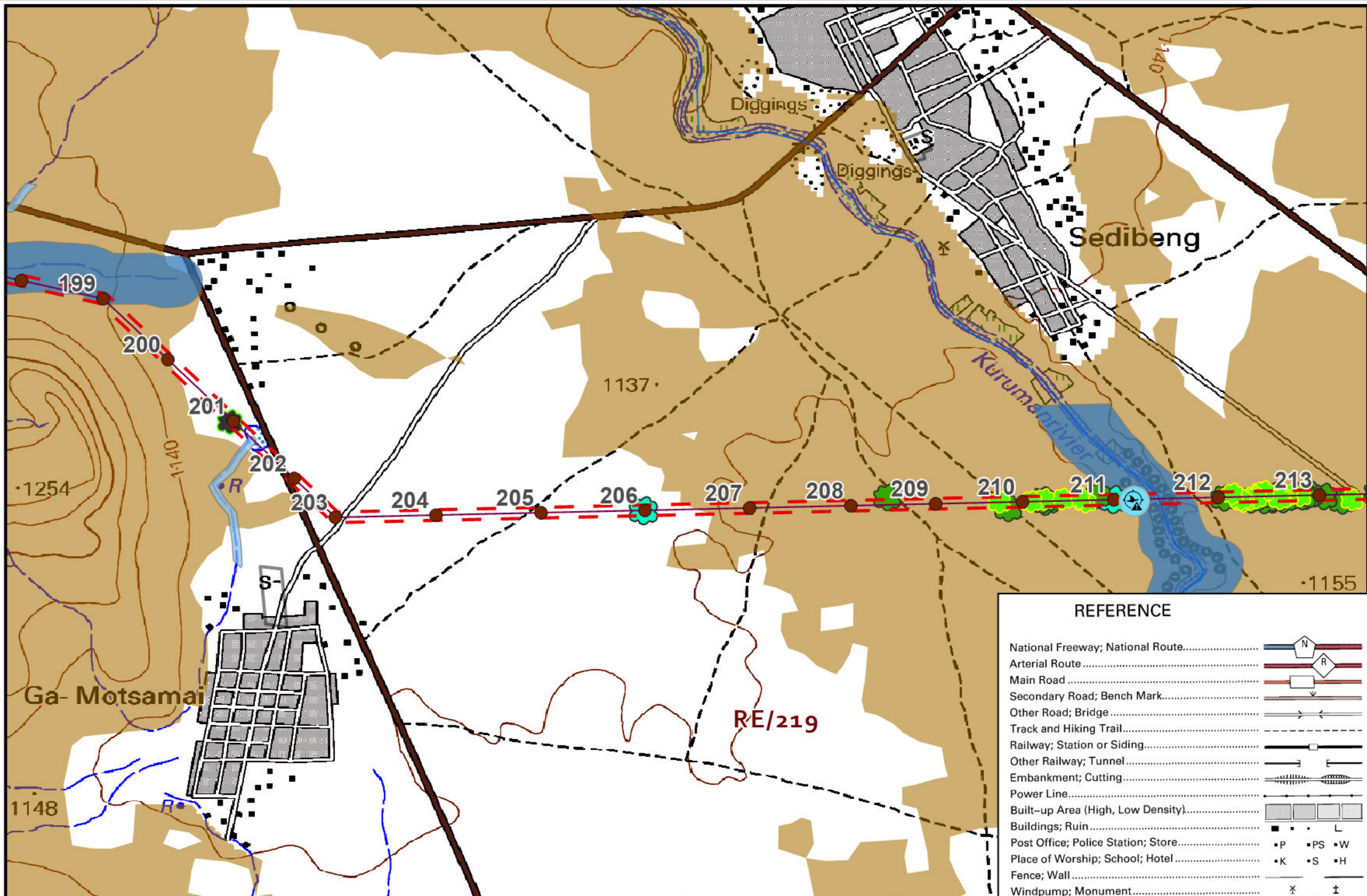
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Vultures noted on the ridges, BFDs to be fitted 5m apart from Towers 188-201.

Apply for a tree permit and General Authorisation.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 184-199	13
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



Legend

● Ferrum-Mookodi Towers

— Ferrum-Mookodi 400kV Powerline

— 55m Servitude

□ Farms

Birds

Name

🕒 Water birds

Protected Trees

🌳 Boscia albitrunca

🌿 Olea europaea

🌳 Carmel thorn tree

🌳 Stand of Carmel thorns

Wetland Areas Including Buffer

🌊 Drainage Line

🌊 River Riparian Wetland

Northern Cape Biodiversity Conservation Plan

🌱 ESA

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	

KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Avoid the delineated watercourse areas where feasible.

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

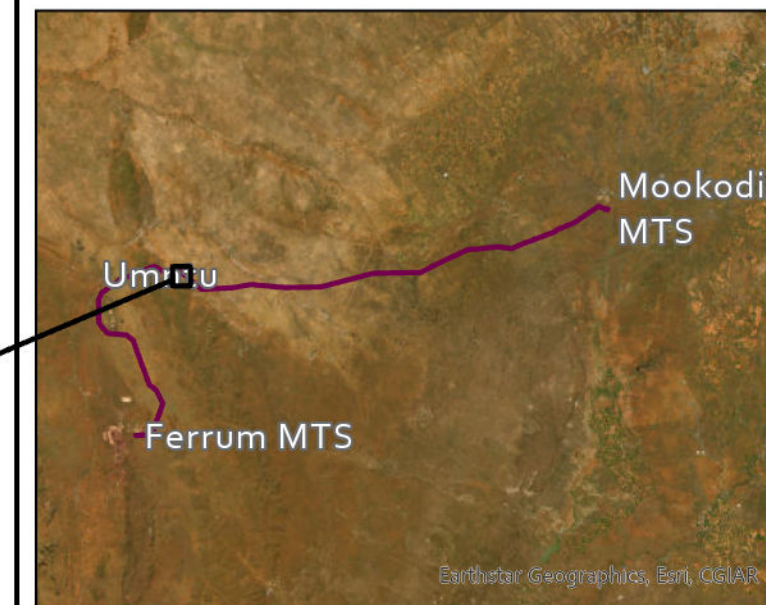
BFDs to be fitted 5m apart where the line crosses the river.

Apply for a tree permit and General Authorisation.

0 0,55 1,1 2,2 km

Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 199-213	14
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:24 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		

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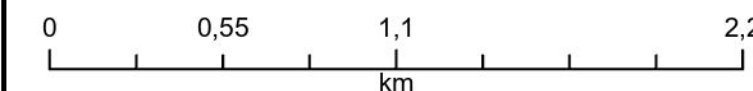
KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Nest proof towers and install anti-perch devices
in areas that can lead to electrocution.

Fit the line with BFDs.

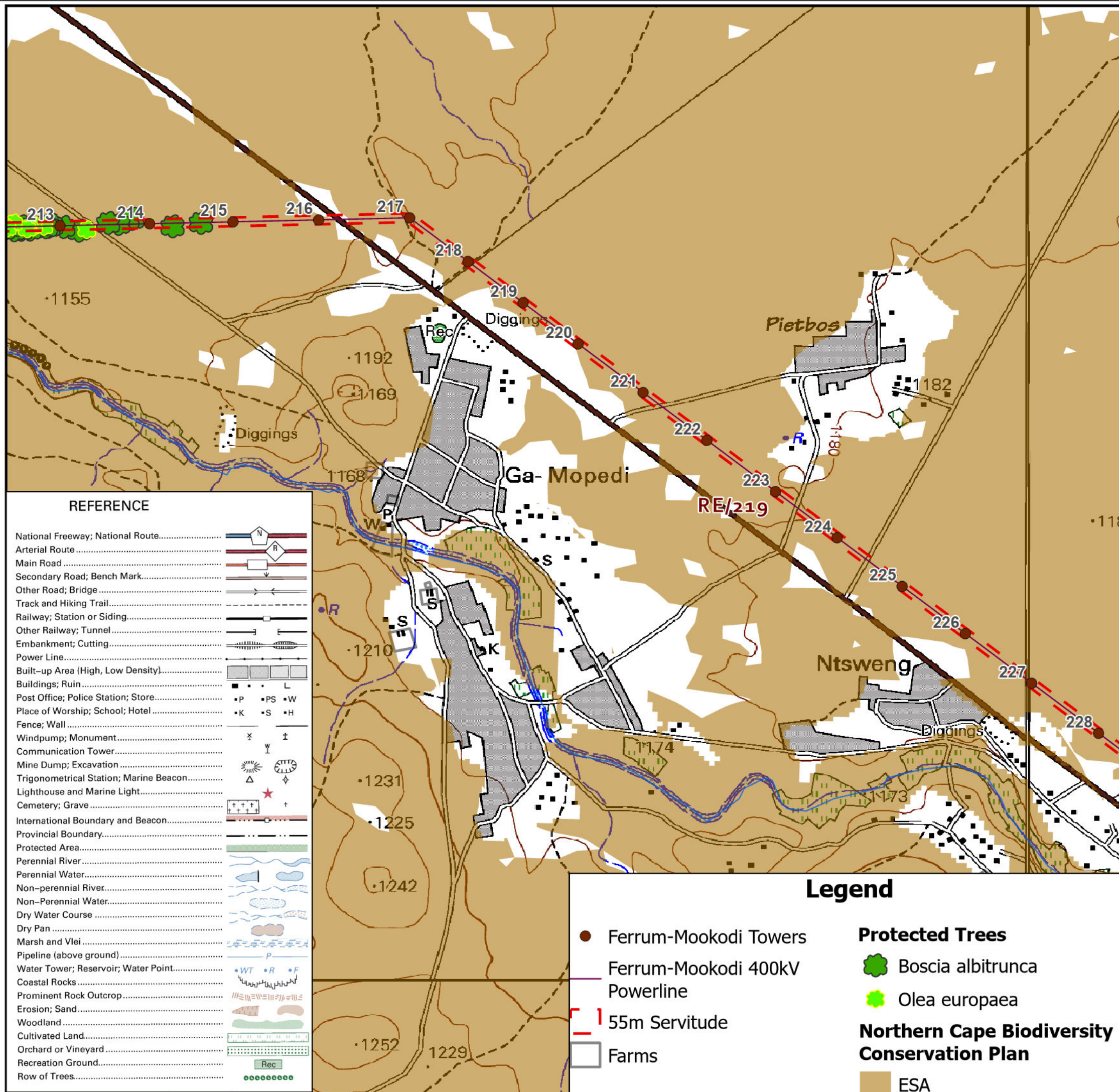
Apply for a tree permit.

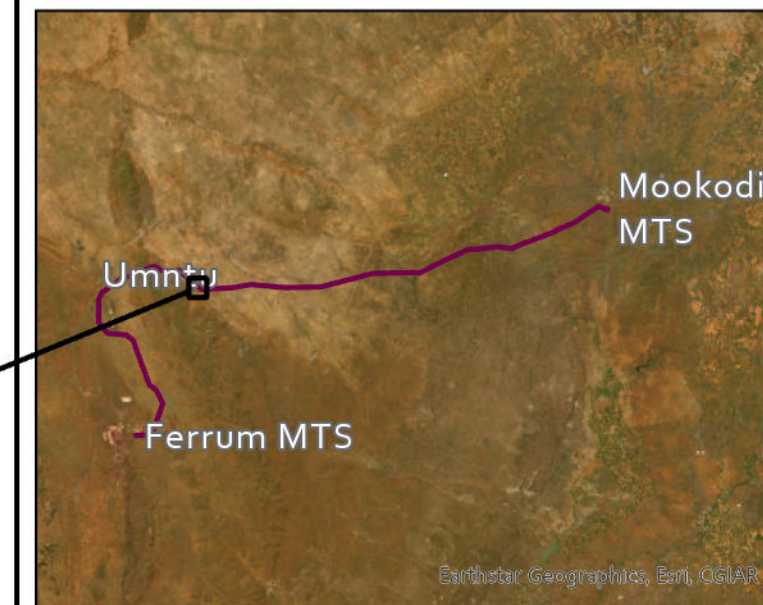


Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 213-228	Map No. 15
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	



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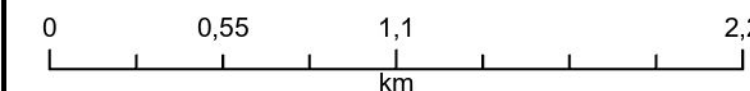


KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

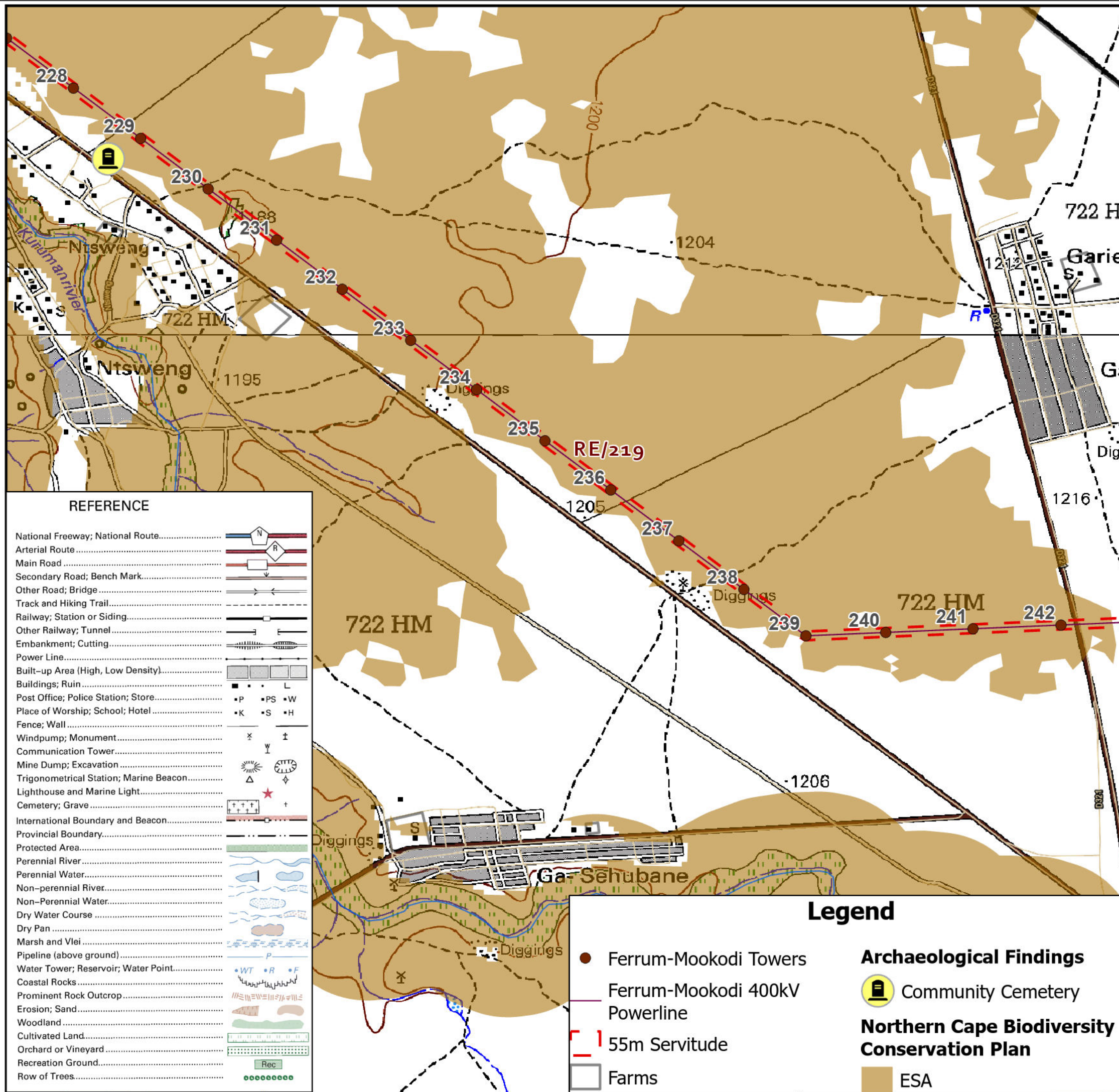
Fit the line with BFDs.

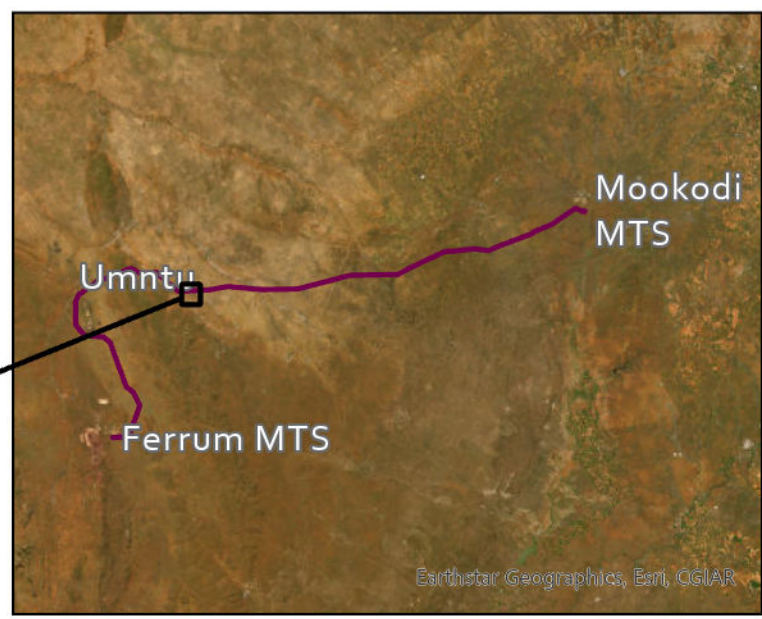
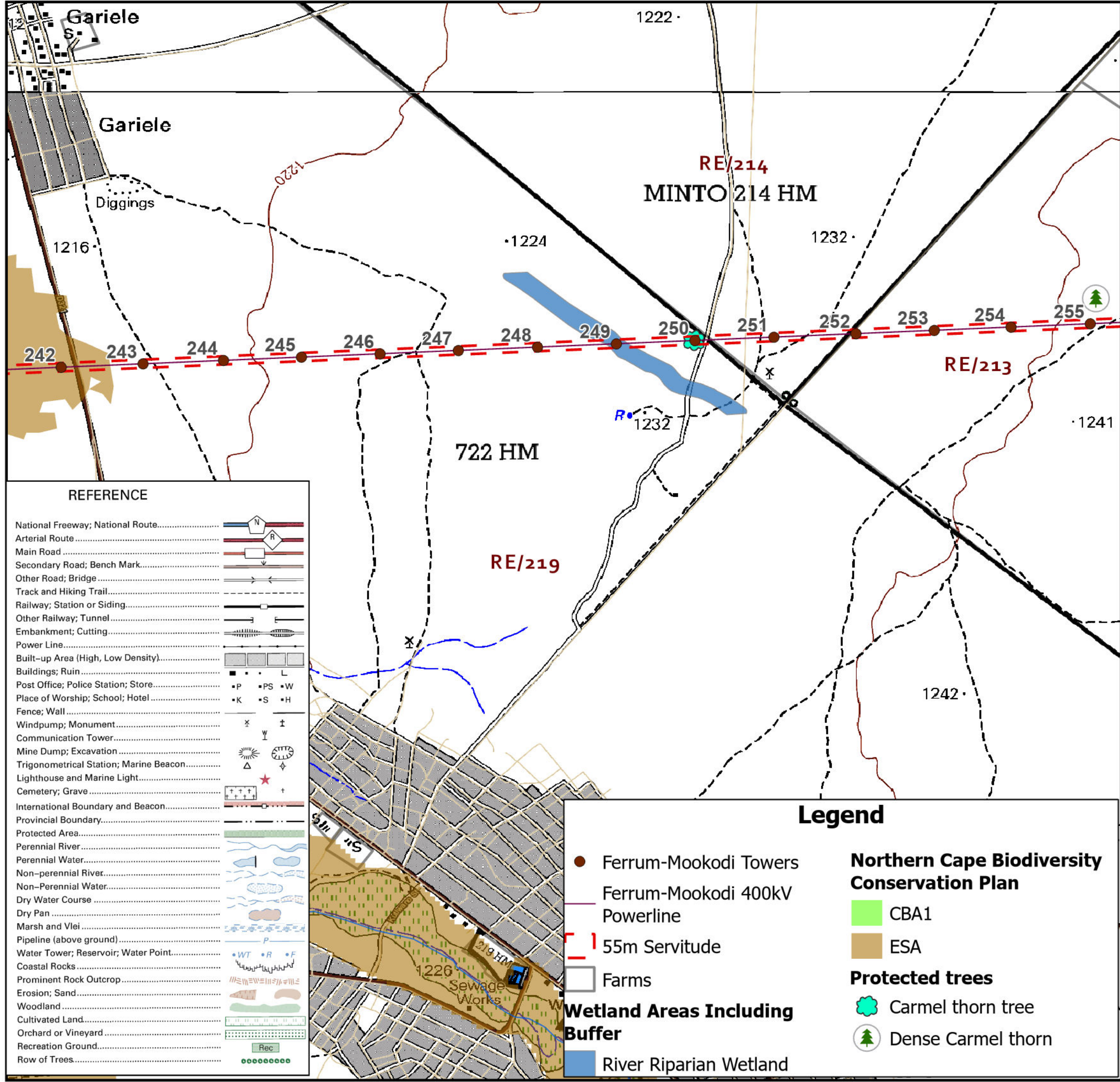


Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 228-242	Map No. 16
Drawn By: BM	Date: Oct 2024	Scale on A3 1:24 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	



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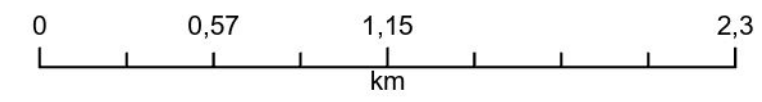


KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

NOTES:
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.

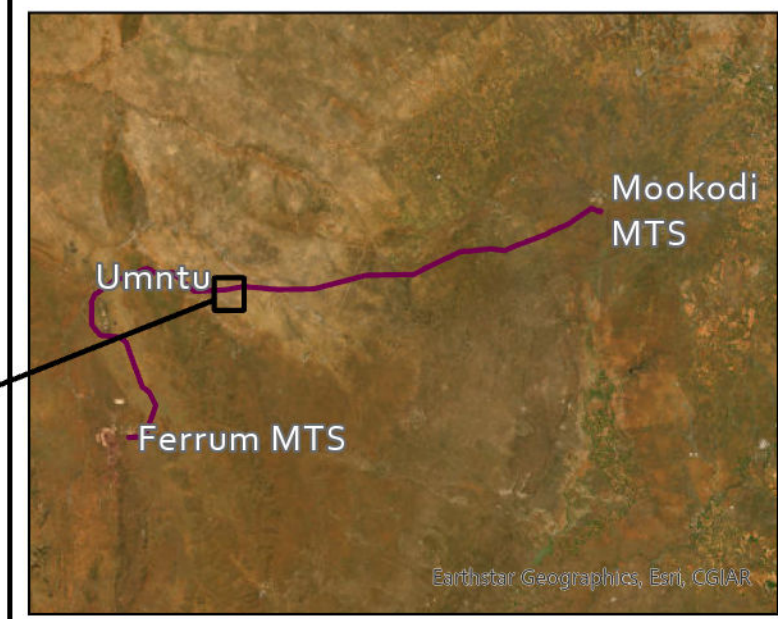
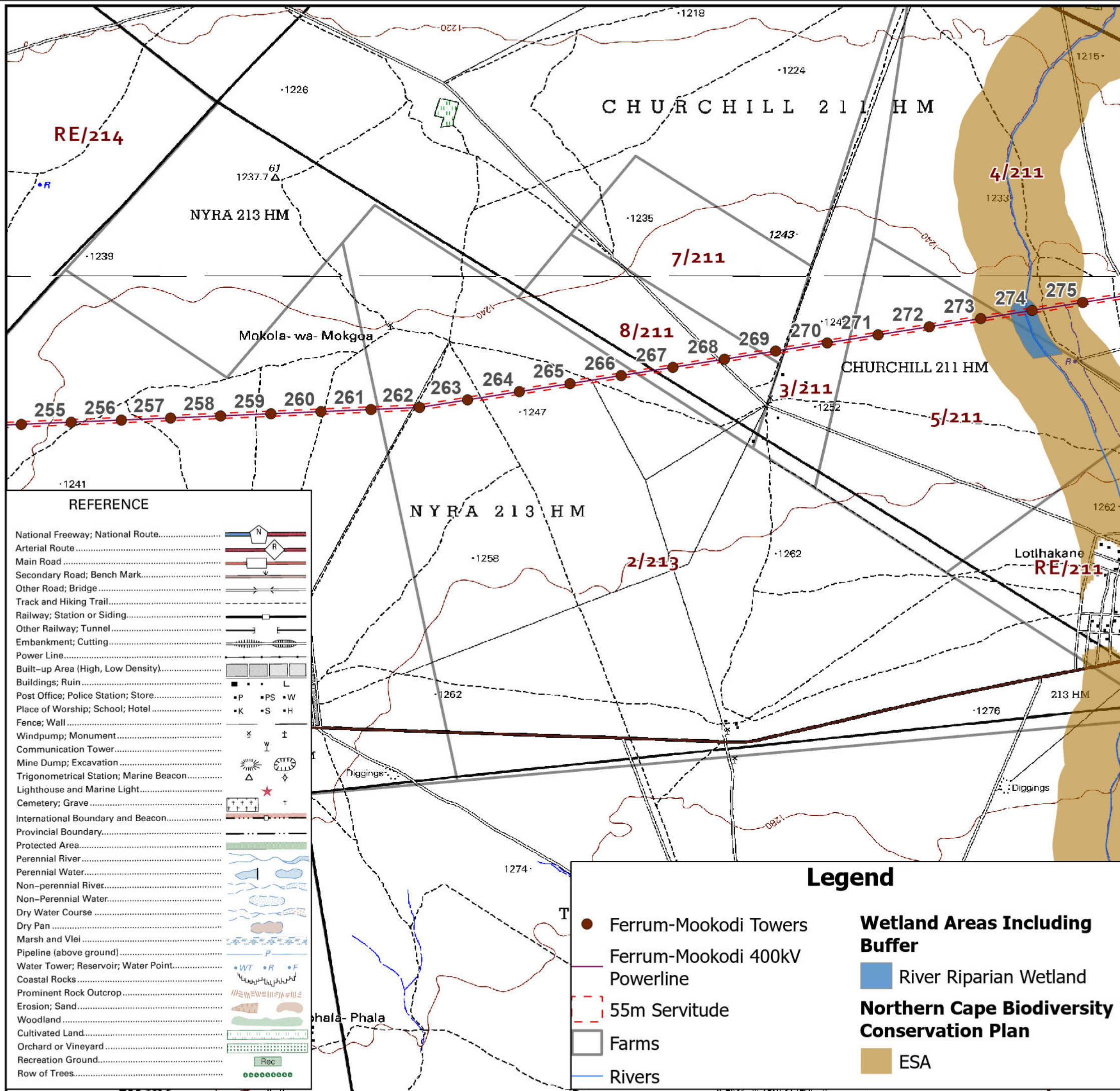
Apply for a tree cutting permit.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 242-255	17
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:25 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



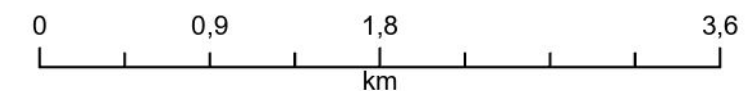
Building 2, Constantia Park
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Midrand
1685



**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 255-275	18
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



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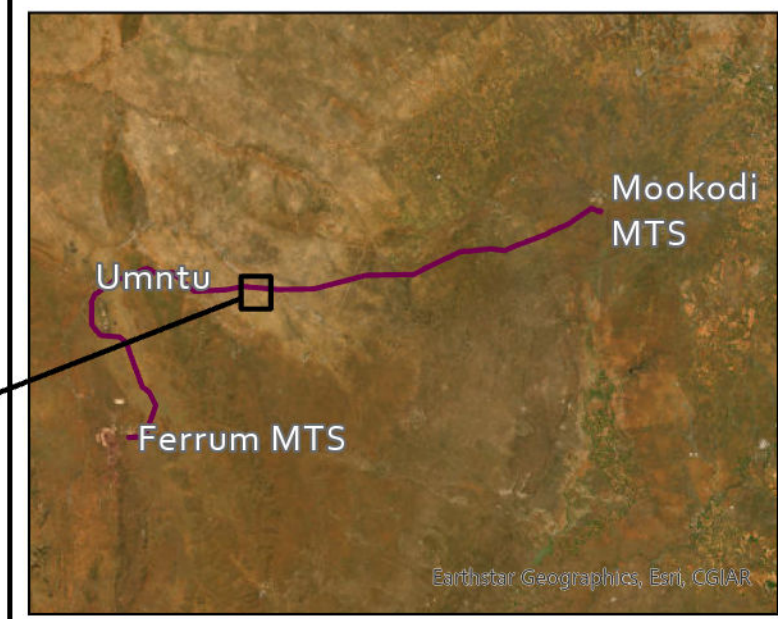
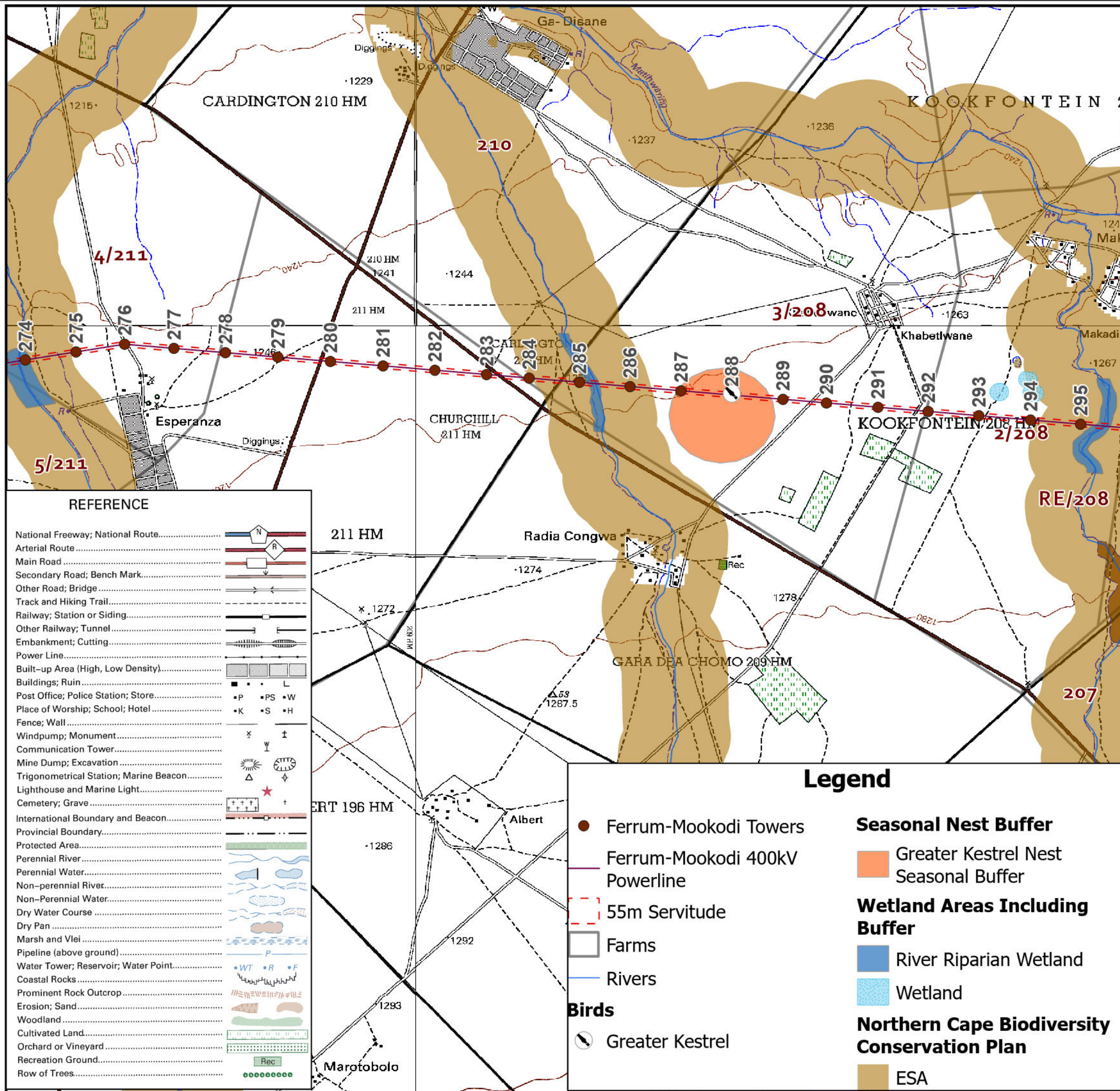
Legend

- Ferrum-Mookodi Towers
 - Ferrum-Mookodi 400kV Powerline
 - 55m Servitude
 - Farms
 - Rivers
- Wetland Areas Including Buffer**

 - River Riparian Wetland

Northern Cape Biodiversity Conservation Plan

 - ESA



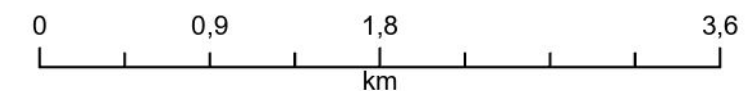
**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

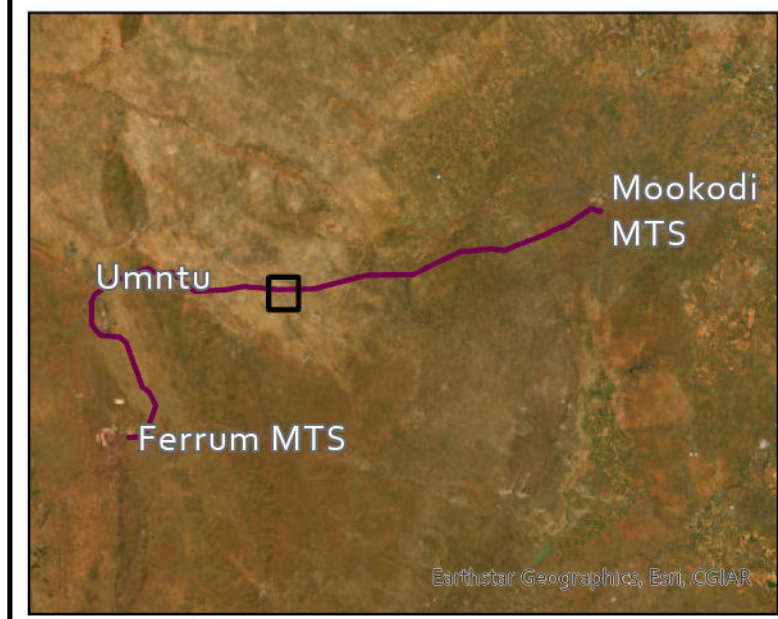
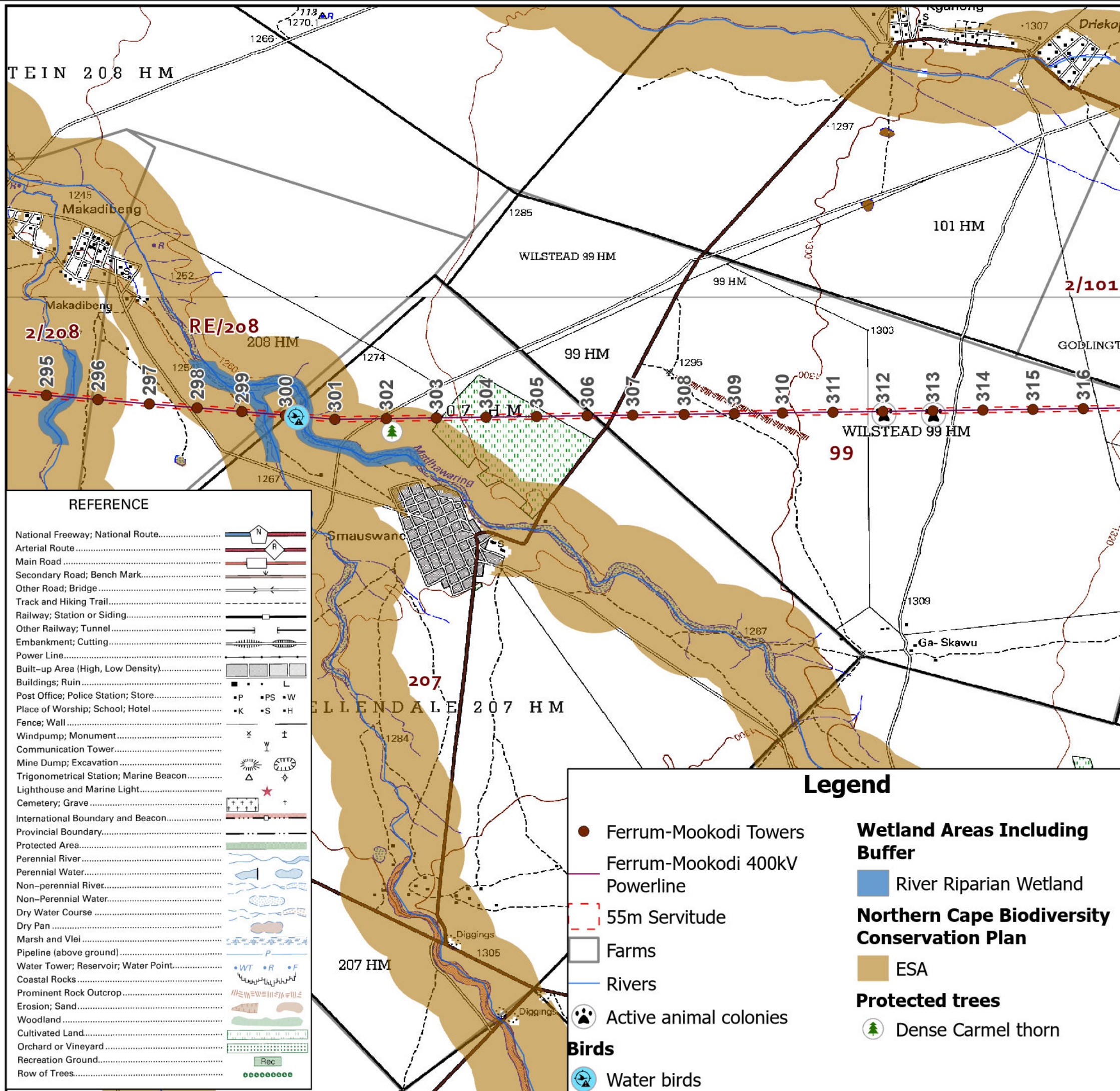
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Fit the line with BFDs.

The 500 m seasonal buffer around the Greater Kestrel must be applied between July and February, where no construction is to take place during this period.



Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 255-275	Map No. 18
Drawn By: BM	Date: Oct 2024	Scale on A3 1:40 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	



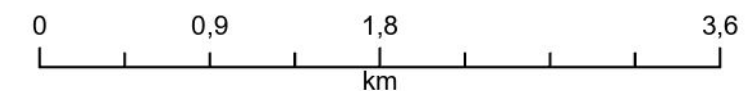
KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Bird diverters must be placed every 5 m along the line, where the line crosses the river.

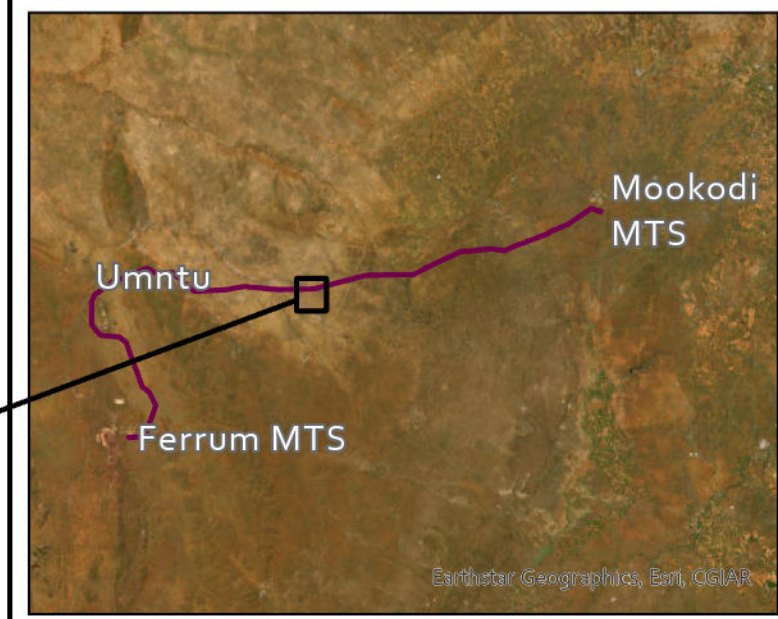
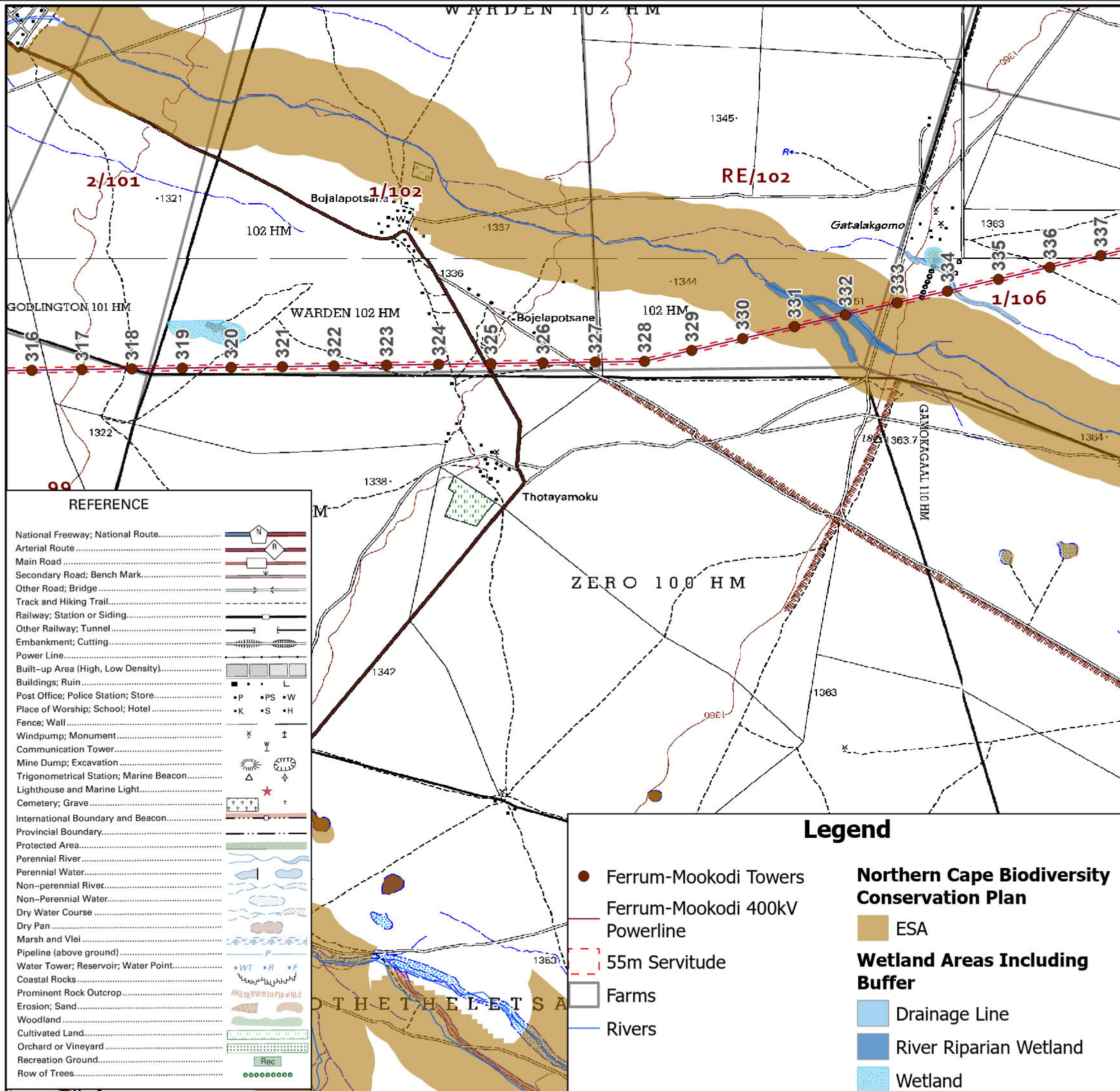
Active animal colonies noted from near towers 311 and 312.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 295-316	20
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



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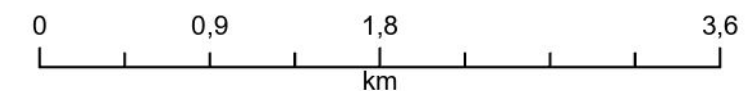
KIMBERLEY STRENGTHENING PHASE 3: FERRUM-MOOKODI 400KV POWERLINE

NOTES:

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

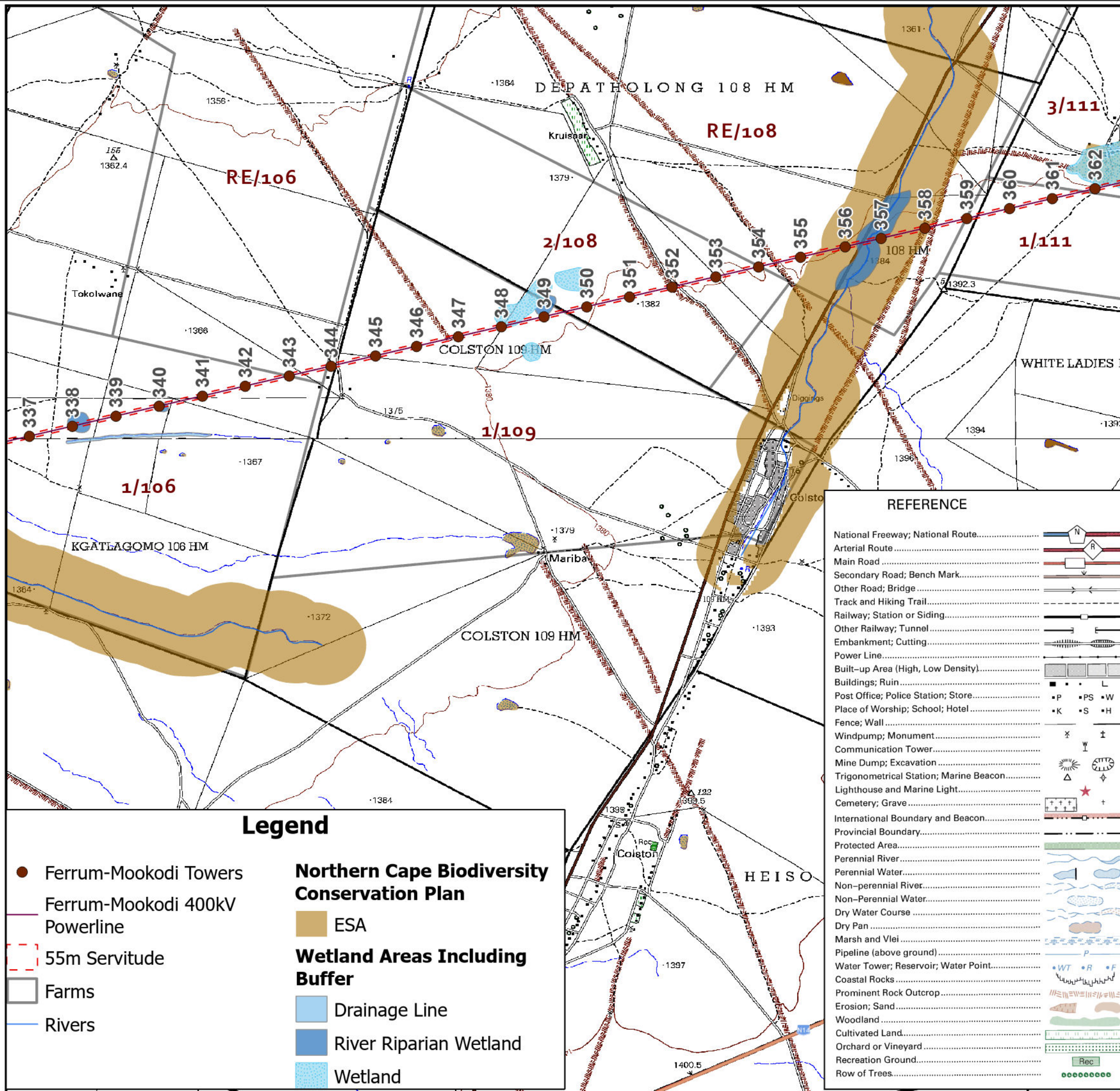
During construction, an avifauna specialist must confirm that there are no nests present.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 316-337	21
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



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● Ferrum-Mookodi Towers

— Ferrum-Mookodi 400kV Powerline

- - - 55m Servitude

□ Farms

— Rivers

Northern Cape Biodiversity Conservation Plan

■ ESA

Wetland Areas Including Buffer

— Drainage Line

— River Riparian Wetland

— Wetland

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	

Eskom
National Transmission
Company South Africa™

**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

Nest proof towers and install anti-perch devices
in areas that can lead to electrocution.

Install BFDs.

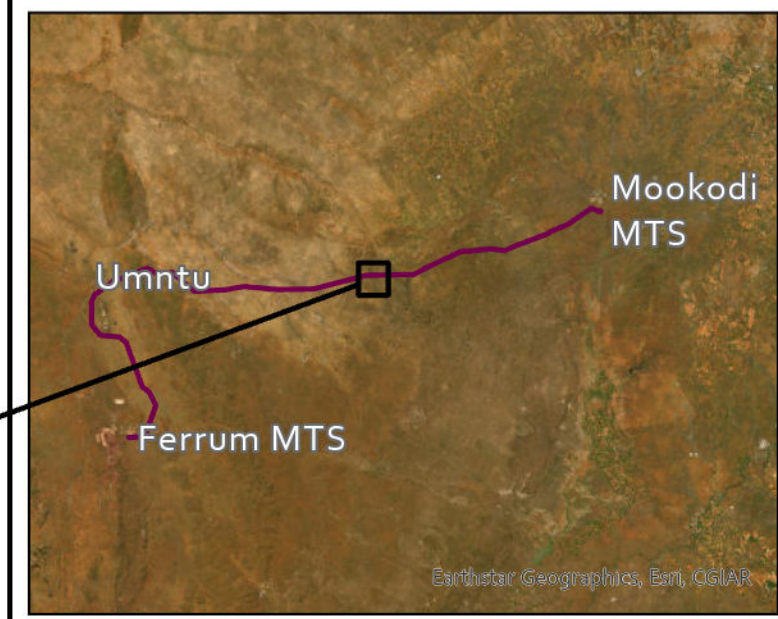
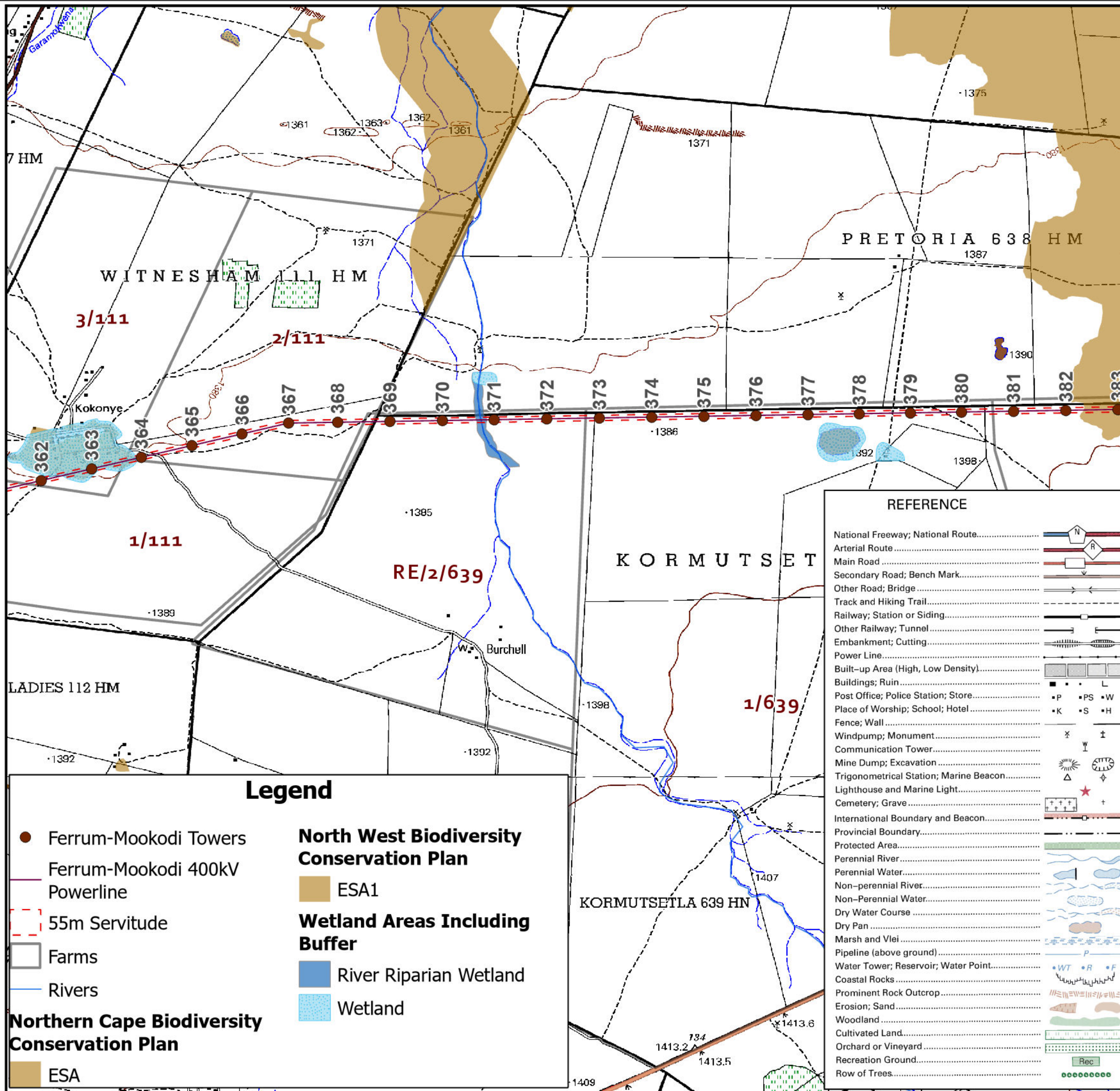
During construction, an avifauna specialist must
confirm that there are no nests present.

0 1,07 2,15 4,3
km

Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 337-362	Map No. 22
Drawn By: BM	Date: Oct 2024	Scale on A3 1:47 396
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DRDLR, Specialists, Esri	

DIGES
ROUP

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Midrand
1685



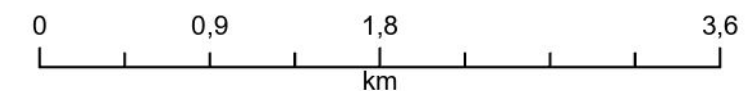
**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

During construction, an avifauna specialist must confirm that there are no nests present.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 362-383	23
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



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Legend

- Ferrum-Mookodi Towers
- Ferrum-Mookodi 400kV Powerline
- 55m Servitude
- Farms
- Rivers

Northern Cape Biodiversity Conservation Plan

- ESA

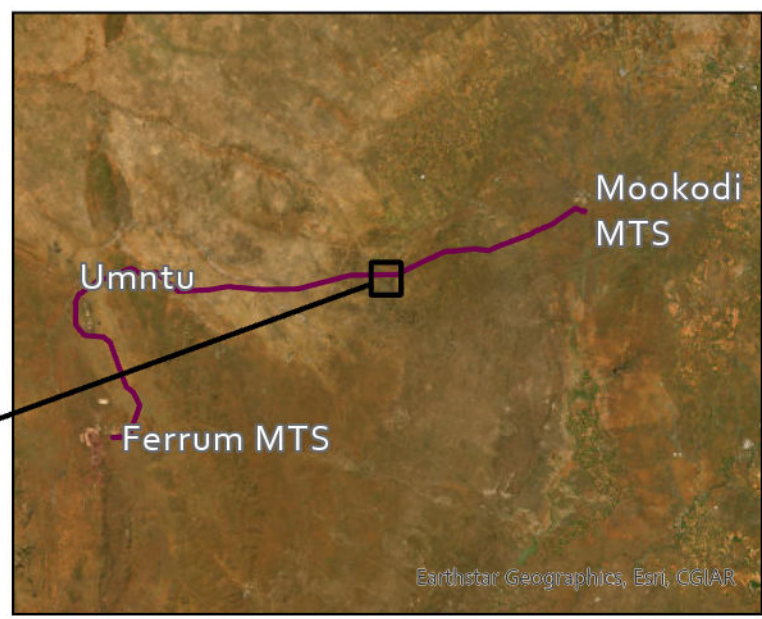
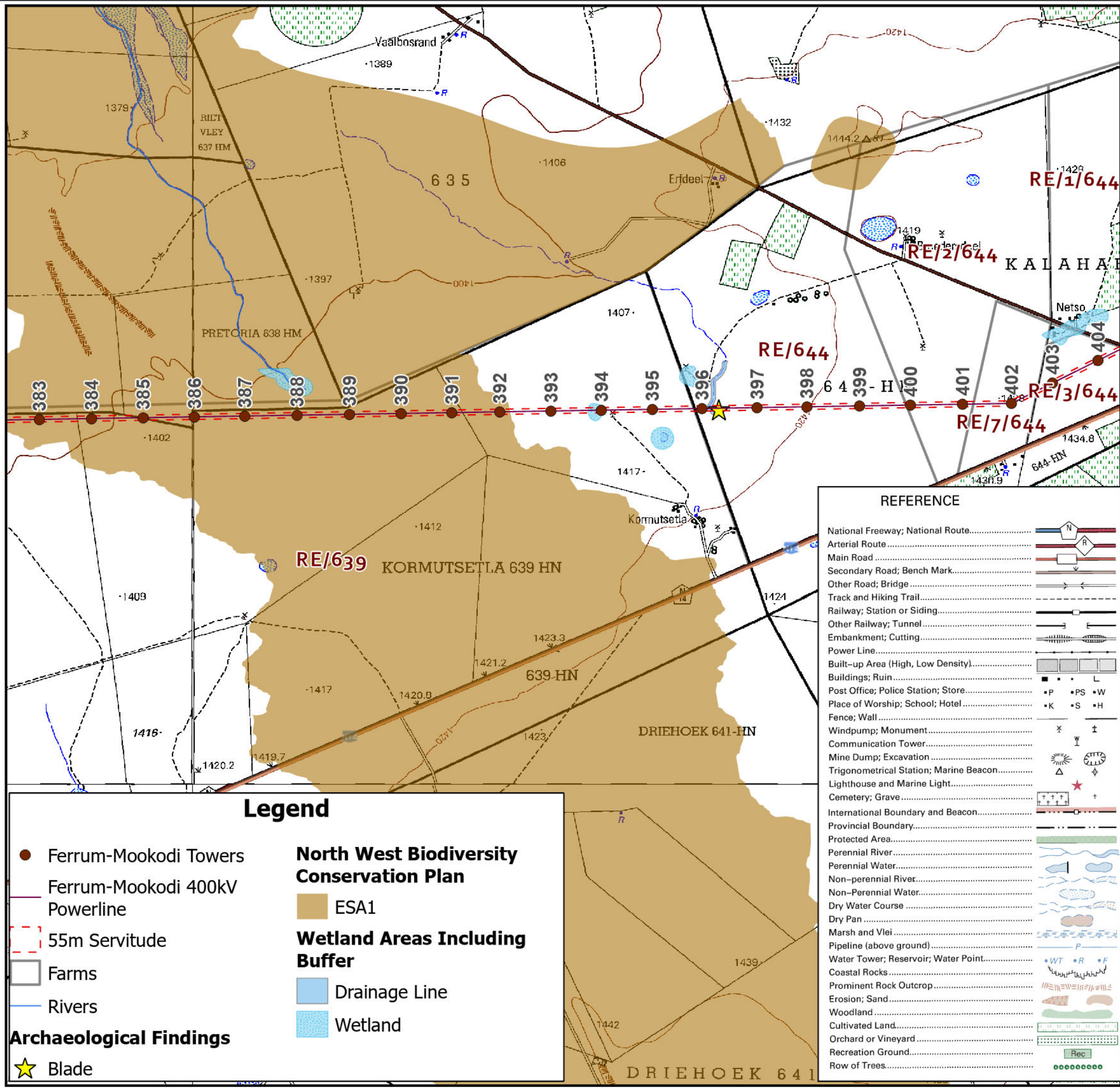
North West Biodiversity Conservation Plan

- ESA1

Wetland Areas Including Buffer

- River Riparian Wetland
- Wetland

REFERENCE	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Build-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	



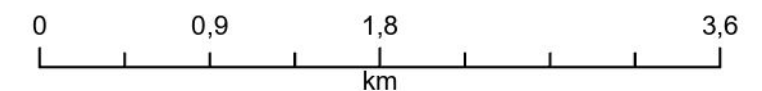
KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE

NOTES:

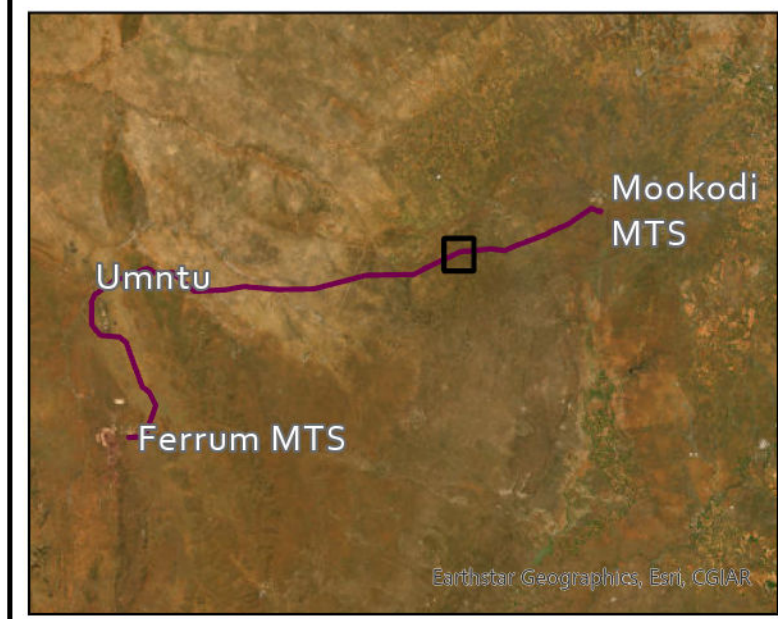
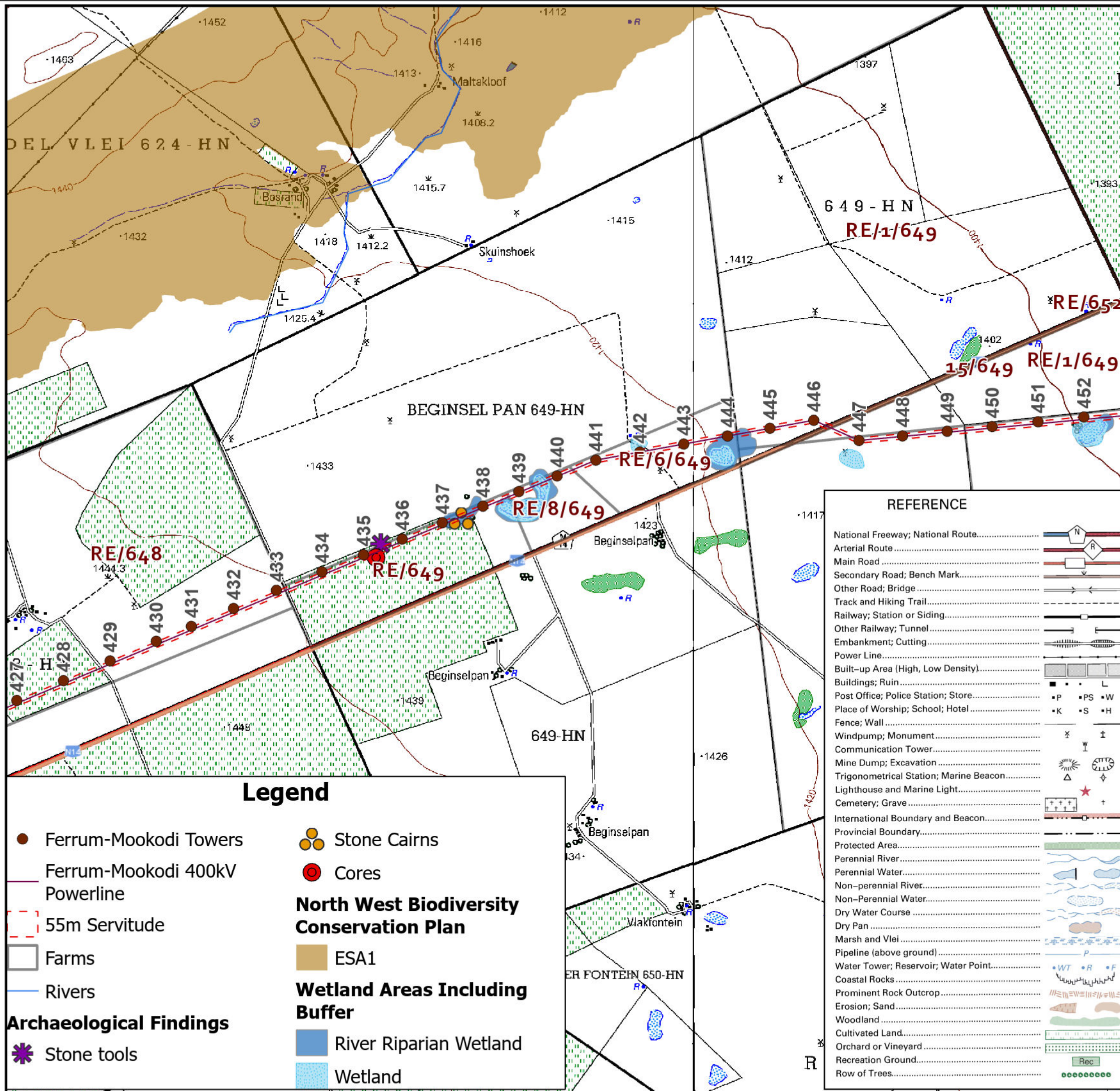
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

During construction, an avifauna specialist must confirm that there are no nests present.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 383-404	24
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



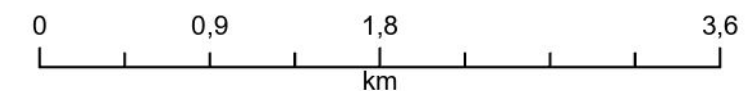
**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

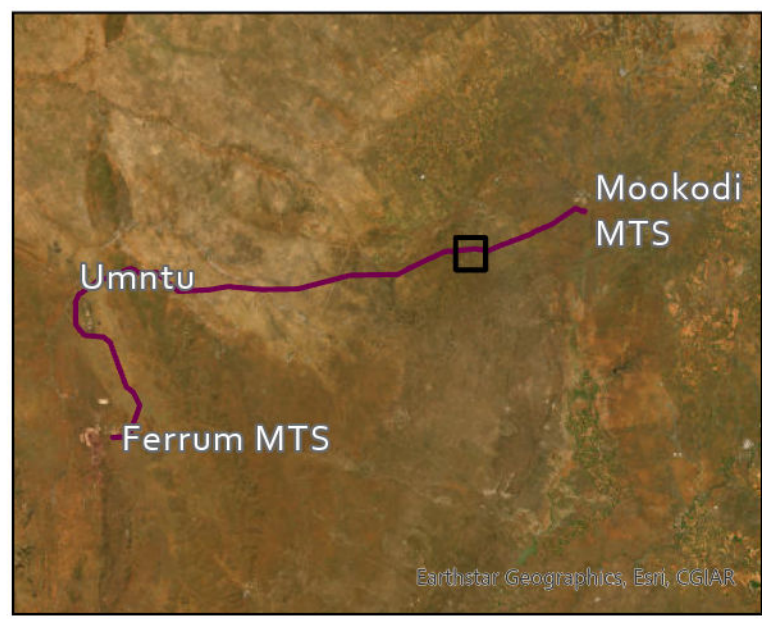
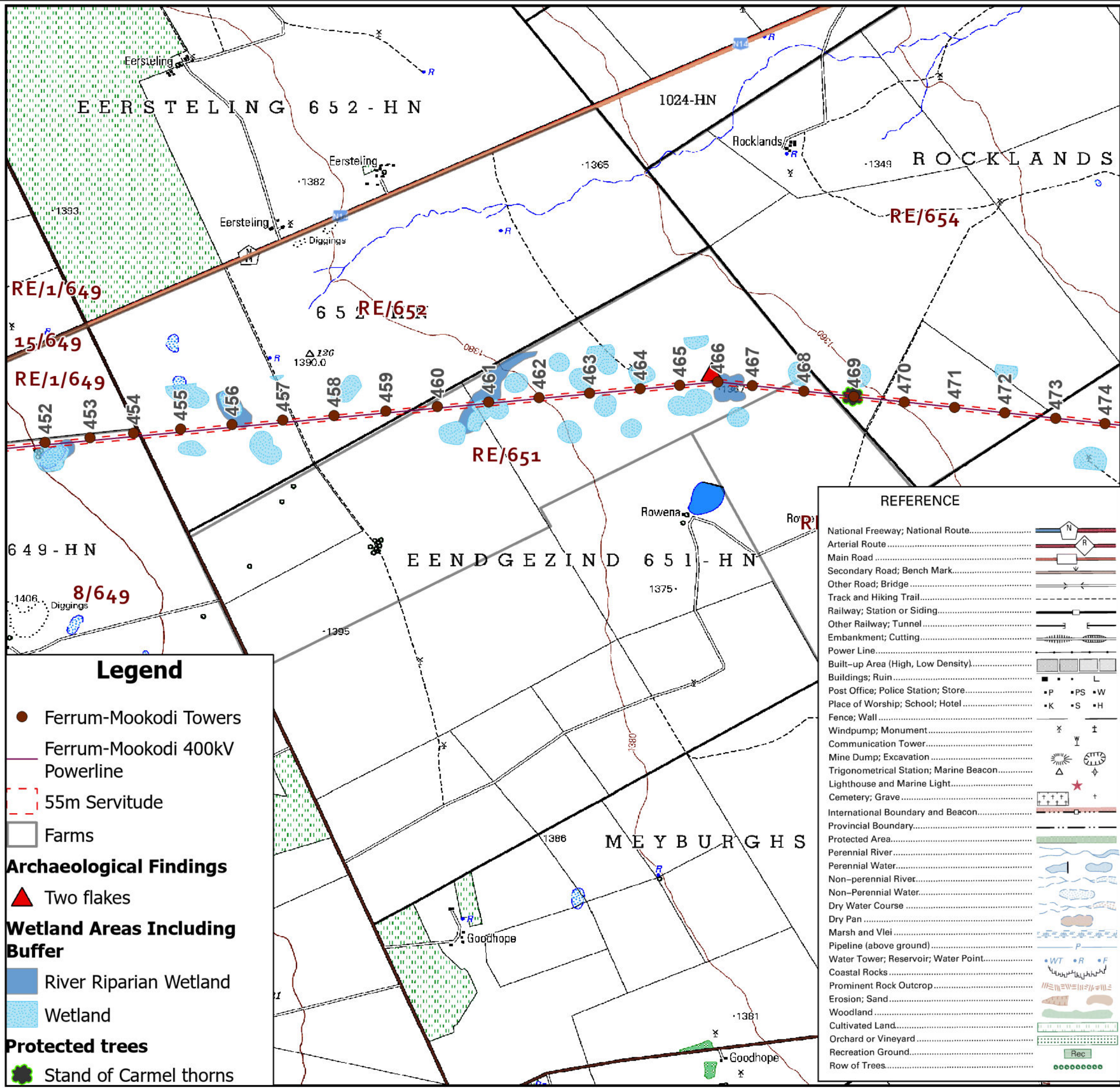
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

During construction, an avifauna specialist must confirm that there are no nests present.

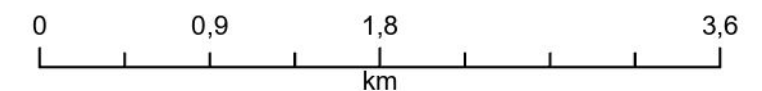


Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 427-452	26
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		

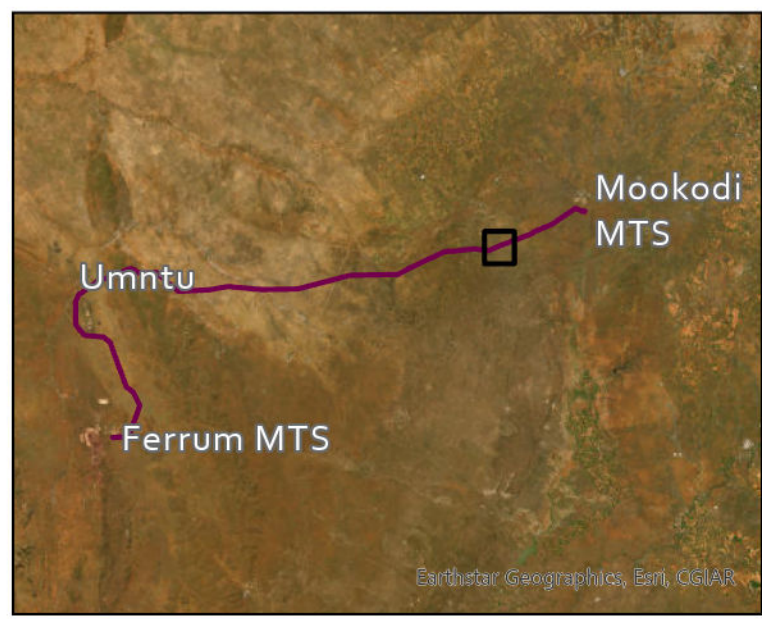
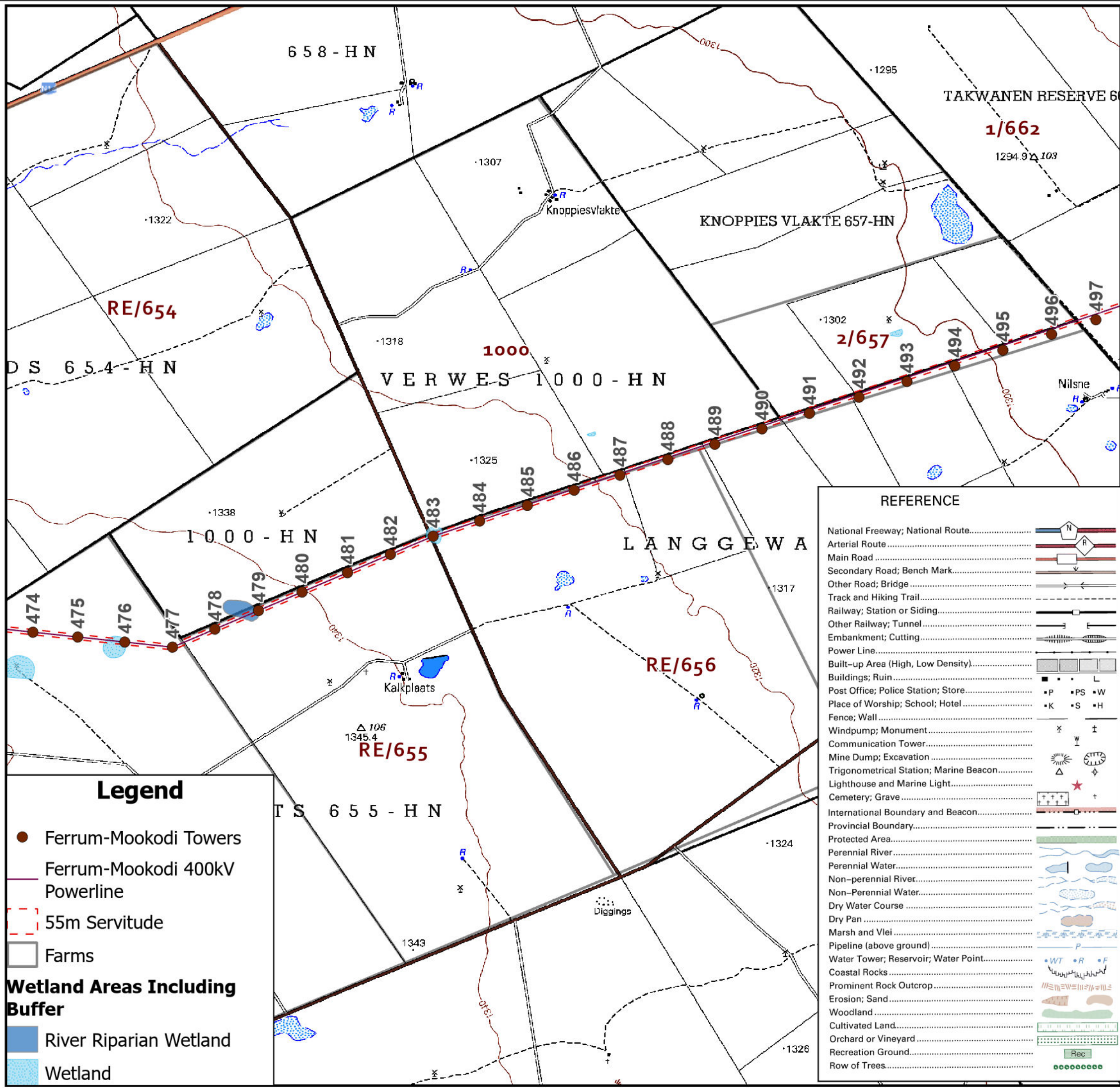


**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

- NOTES:**
- Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Install BFDs.
 - During construction, an avifauna specialist must confirm that there are no nests present.
 - Apply for a tree permit.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 452-474	27
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



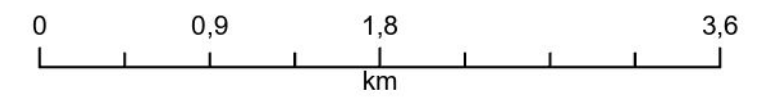
**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

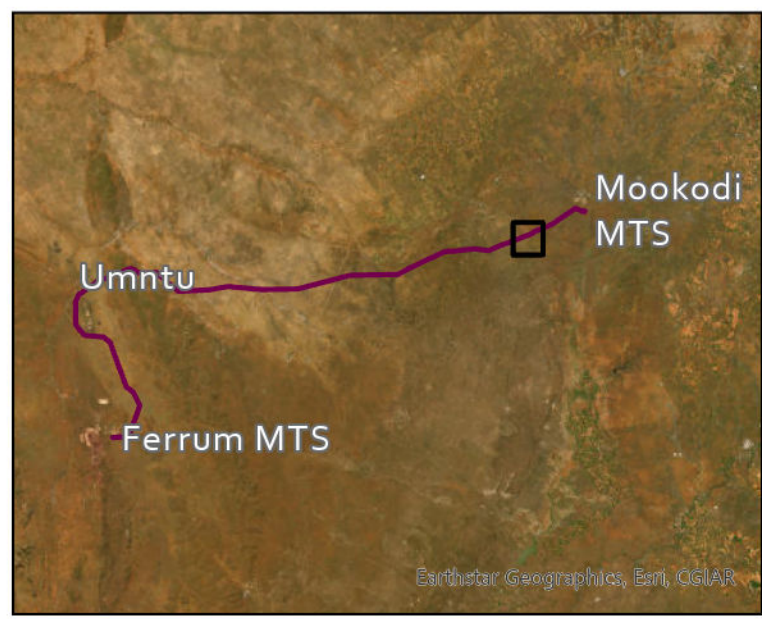
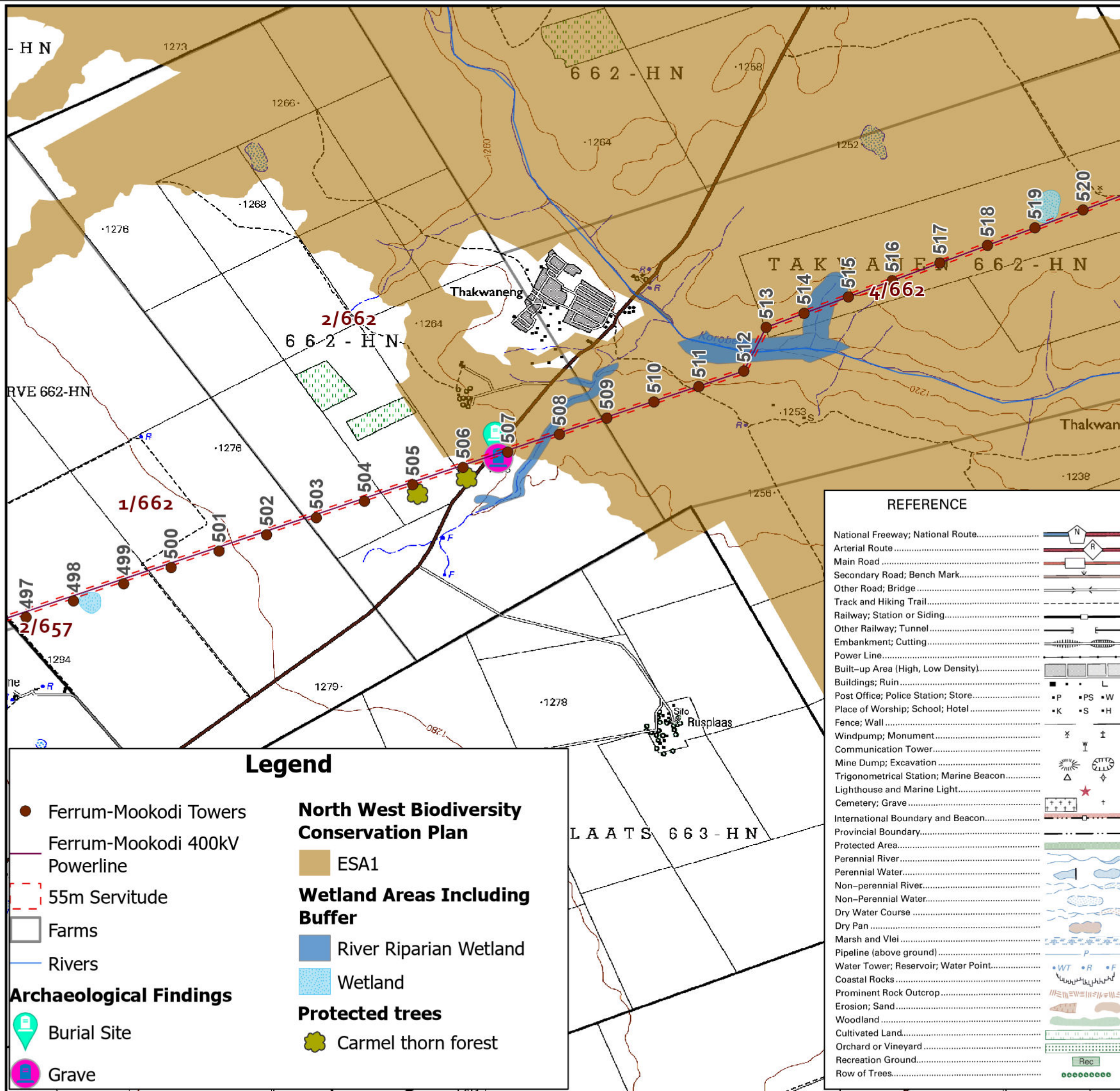
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

During construction, an avifauna specialist must confirm that there are no nests present.

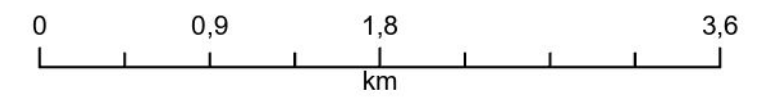


Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 474-497	28
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		

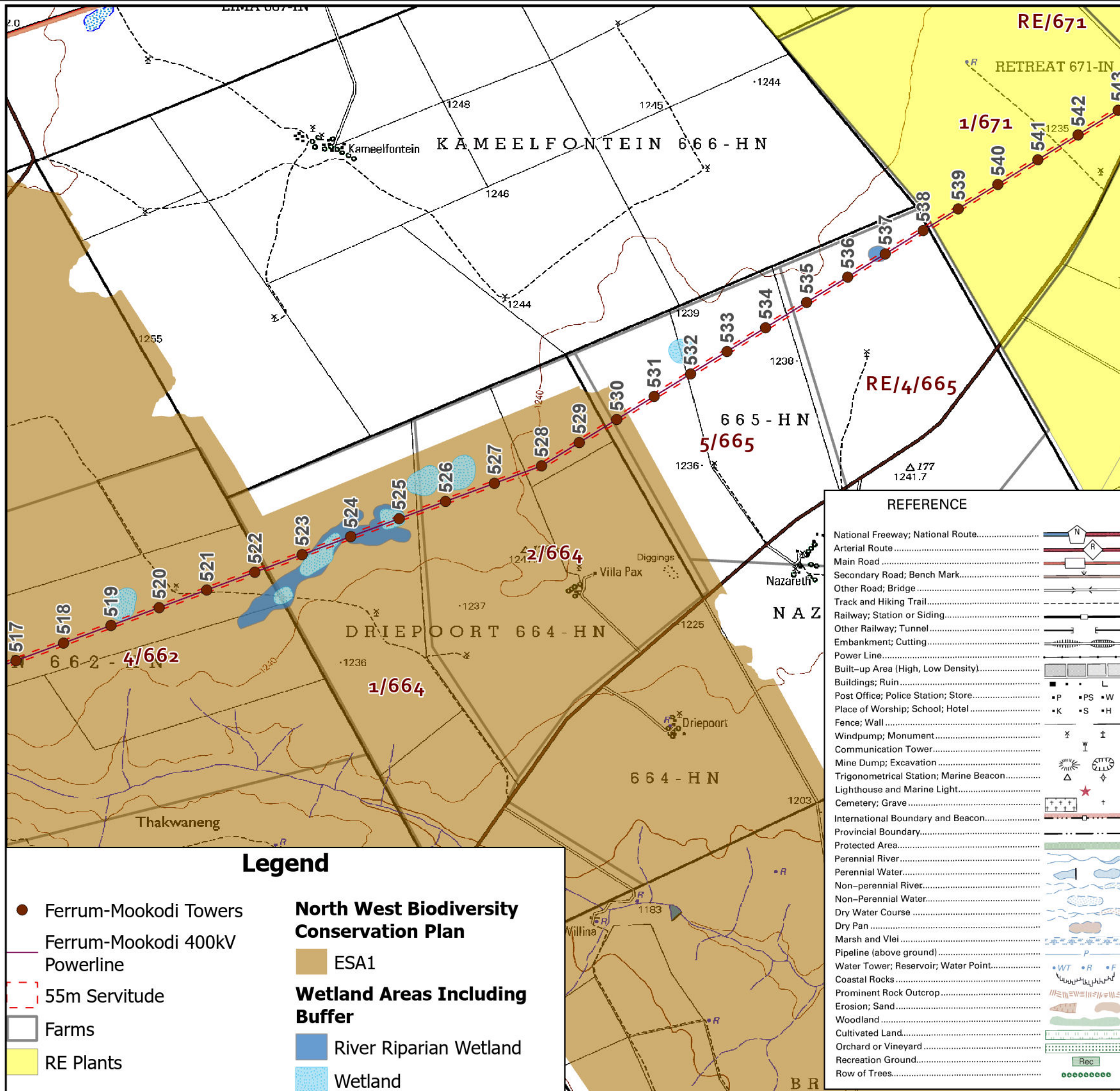


**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

- NOTES:**
- Nest proof towers and install anti-perch devices in areas that can lead to electrocution.
 - Install BFDs.
 - During construction, an avifauna specialist must confirm that there are no nests present.
 - Apply a tree permit.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 497-520	29
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DRDLR, Specialists, Esri	
Units: Degree		



Legend

- Ferrum-Mookodi Towers
- Ferrum-Mookodi 400kV Powerline
- 55m Servitude
- Farms
- RE Plants

North West Biodiversity Conservation Plan

- ESA1
- Wetland Areas Including Buffer**
- River Riparian Wetland
- Wetland

REFERENCE

National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	

**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

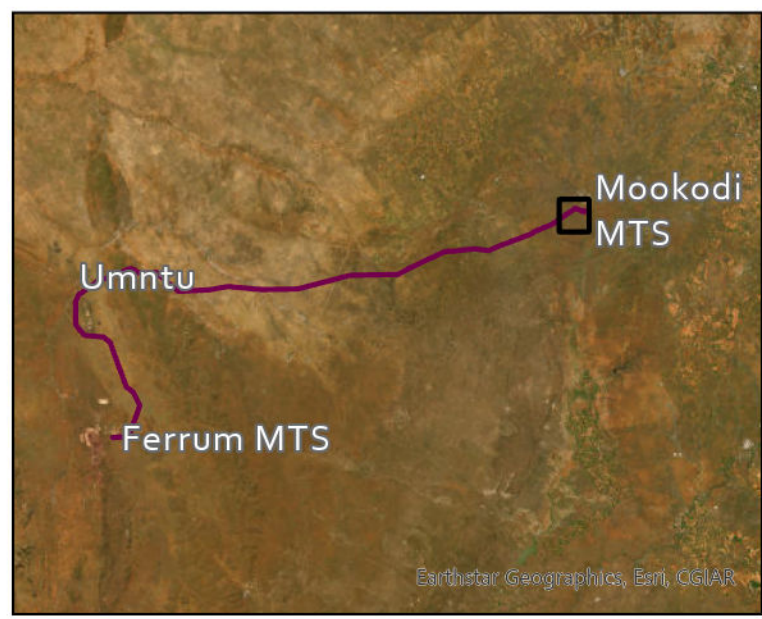
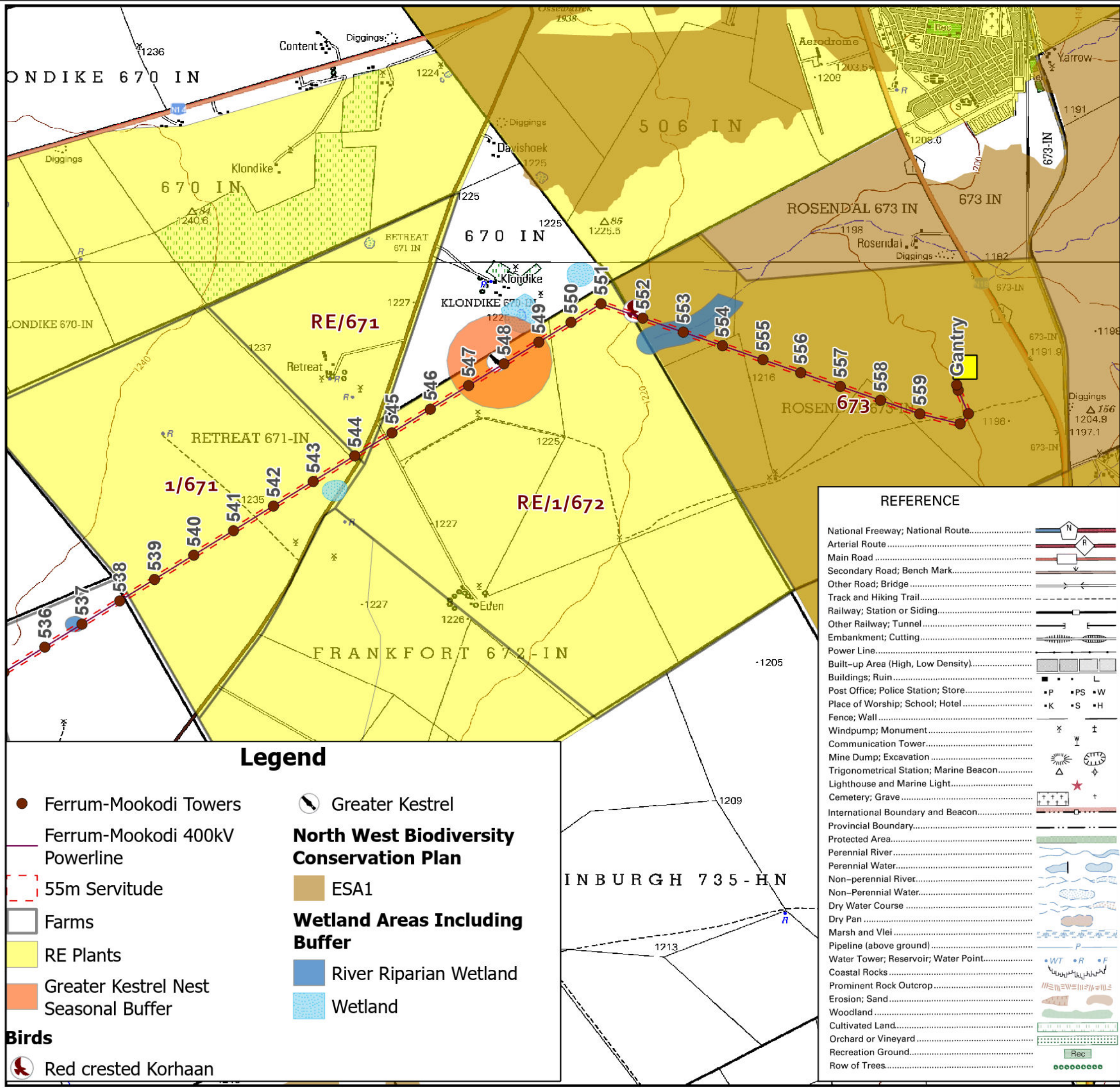
Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

During construction, an avifauna specialist must confirm that there are no nests present.

Project Ref: Ferrum-Mookodi	Tower Nos. Fer-Moo 520-539	Map No. 30
Drawn By: BM	Date: Oct 2024	Scale on A3 1:40 000
Coordinate System GCS WGS 1984 Units: Degree	Source: NTCSA, DALRRD, Specialists, Esri	

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Midrand
1685



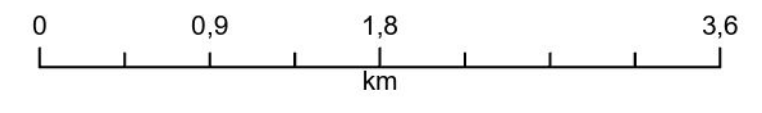
**KIMBERLEY STRENGTHENING PHASE 3:
FERRUM-MOOKODI 400KV POWERLINE**

NOTES:

Nest proof towers and install anti-perch devices in areas that can lead to electrocution.

Install BFDs.

During construction, an avifauna specialist must confirm that there are no nests present.



Project Ref:	Tower Nos.	Map No.
Ferrum-Mookodi	Fer-Moo 520-539	30
Drawn By:	Date:	Scale on A3
BM	Oct 2024	1:40 000
Coordinate System	Source:	
GCS WGS 1984	NTCSA, DALRRD, Specialists, Esri	
Units: Degree		