

# APPENDIX A

## SITE PLANS

*Appendix A1: Locality Maps*

*Appendix A2: Layout/Zoning Maps*

*Appendix A3: Sensitivity Map*

*Appendix A4: Positions of Photographs*

*Appendix A5: Site Plan*

# APPENDIX A1

## LOCALITY MAPS





# Landside Infrastructure Development at Berth 203 to 205

## Locality Map



### Legend

#### Landside Infrastructure

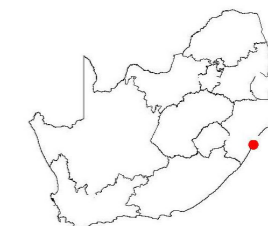
- New Sewer
- New Water
- New Electrical
- New HML and Subs
- New Fences
- Selective Upgrades to Roads
- New Straddle Road
- New Service Tunnels

#### Layout Alternative 1

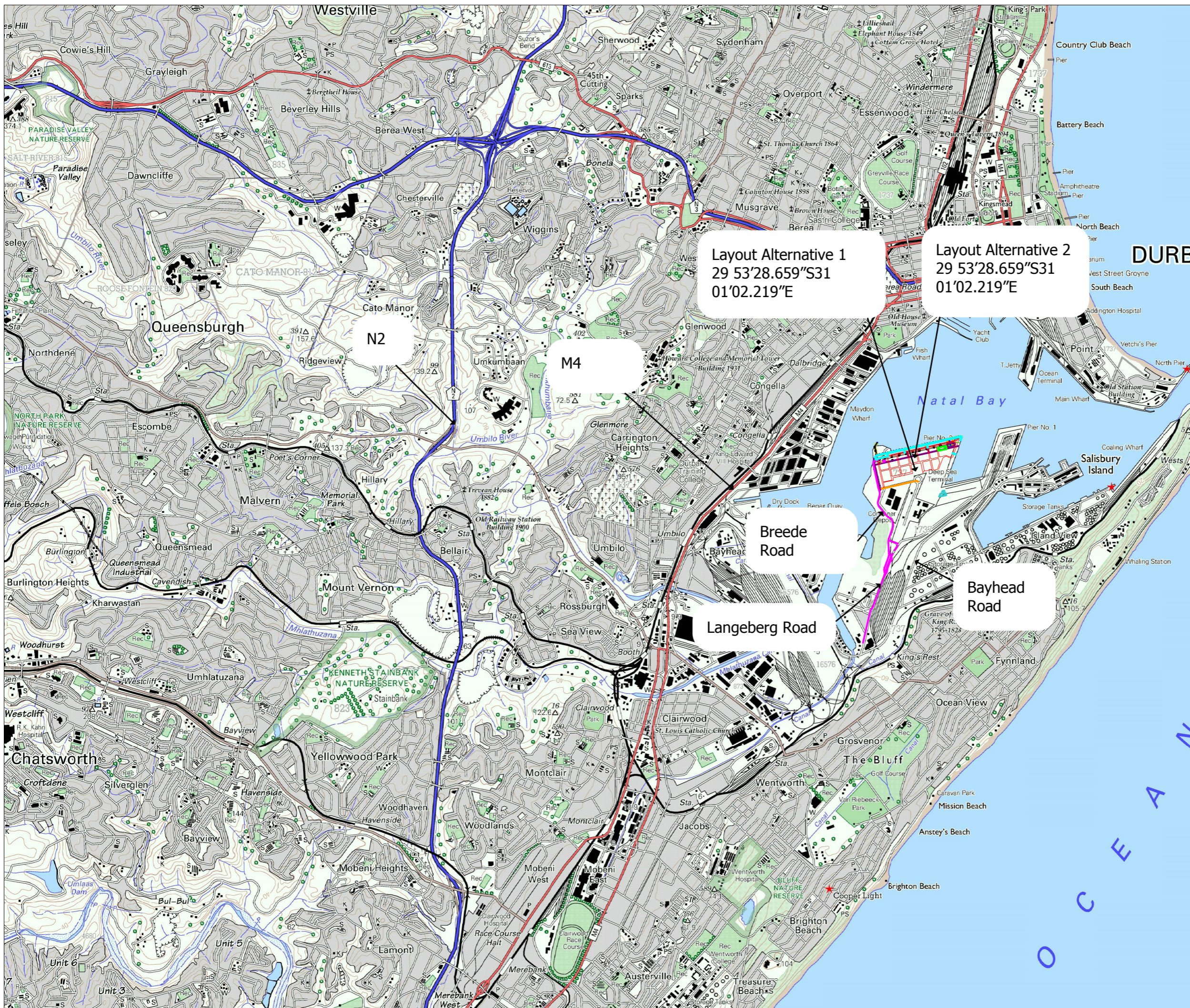
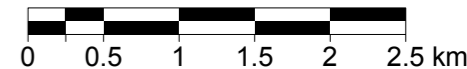
- Proposed North Substation - Layout 1
- Proposed Satellite Staff Facility - Layout 1
- Proposed M&A - Layout 1
- Proposed East Substation - Layout 1

#### Alternative Layout 2

- Proposed North Substation - Layout 2
- Proposed Mess and Ablution Facility - Layout 2
- Proposed East Substation - Layout 2
- Proposed Satellite Staff Facility - Layout 2



Scale 1:50000



Layout Alternative 1  
29 53'28.659"S31  
01'02.219"E

Layout Alternative 2  
29 53'28.659"S31  
01'02.219"E

Breede Road

Langeberg Road

Bayhead Road

N2

M4



# APPENDIX A2

## LAYOUT AND ZONING MAPS



# APPENDIX A2-1

## PROPERTY BOUNDARIES



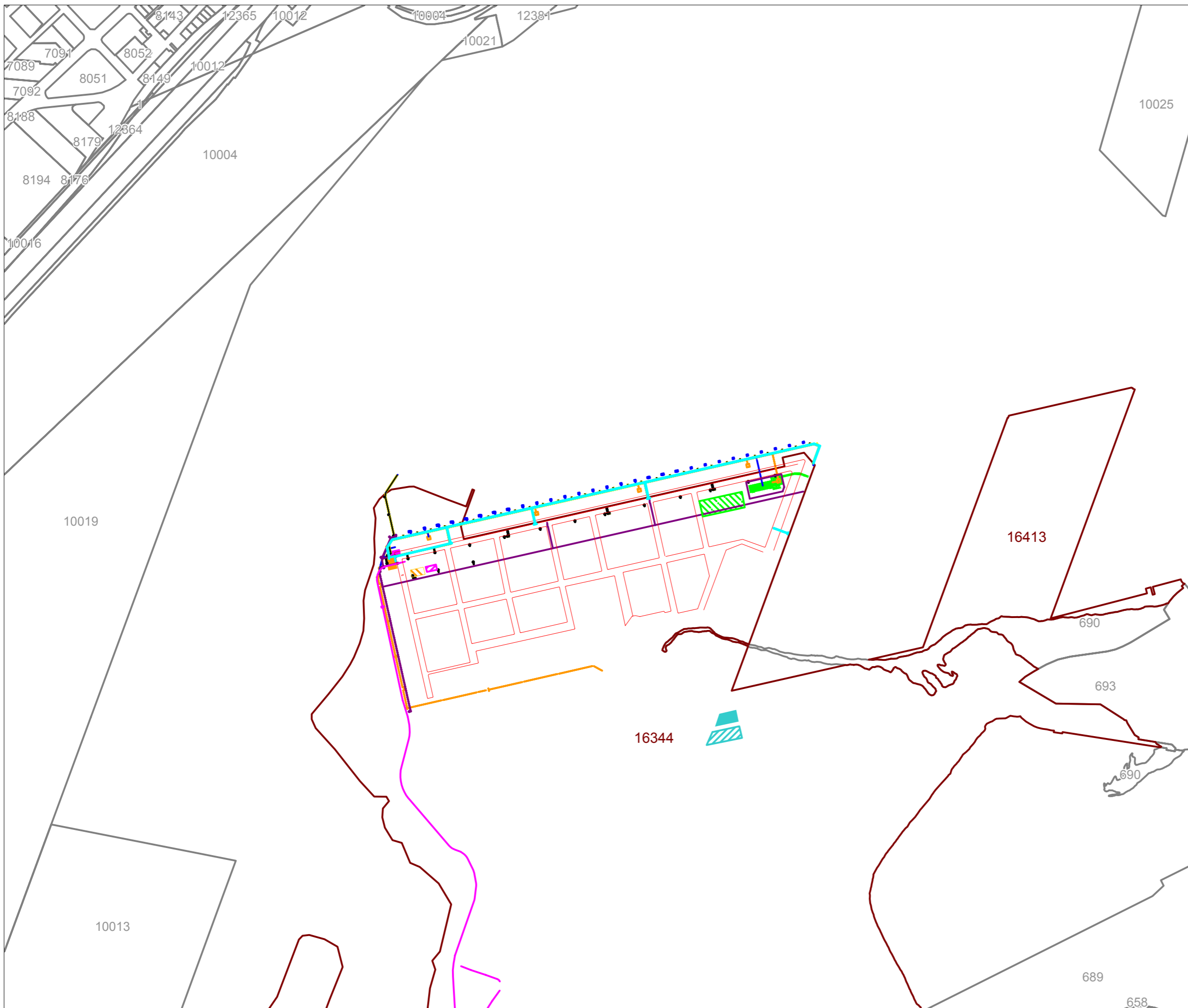
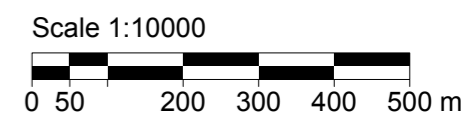
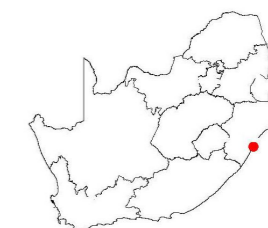
# Landside Infrastructure Development at Berth 203 to 205

## Properties



### Legend

- Erf
- Farm Portion
- Landside Infrastructure**
- New Sewer
- New Water
- New Electrical
- New HML and Subs
- New Fences
- Selective Upgrades to Roads
- New Straddle Road
- New Service Tunnels
- Layout Alternative 1**
- Proposed North Substation - Layout 1
- Proposed Satellite Staff Facility - Layout 1
- Proposed M&A - Layout 1
- Proposed East Substation - Layout 1
- Alternative Layout 2**
- Proposed North Substation - Layout 2
- Proposed Mess and Ablution Facility - Layout 2
- Proposed East Substation - Layout 2
- Proposed Satellite Staff Facility - Layout 2

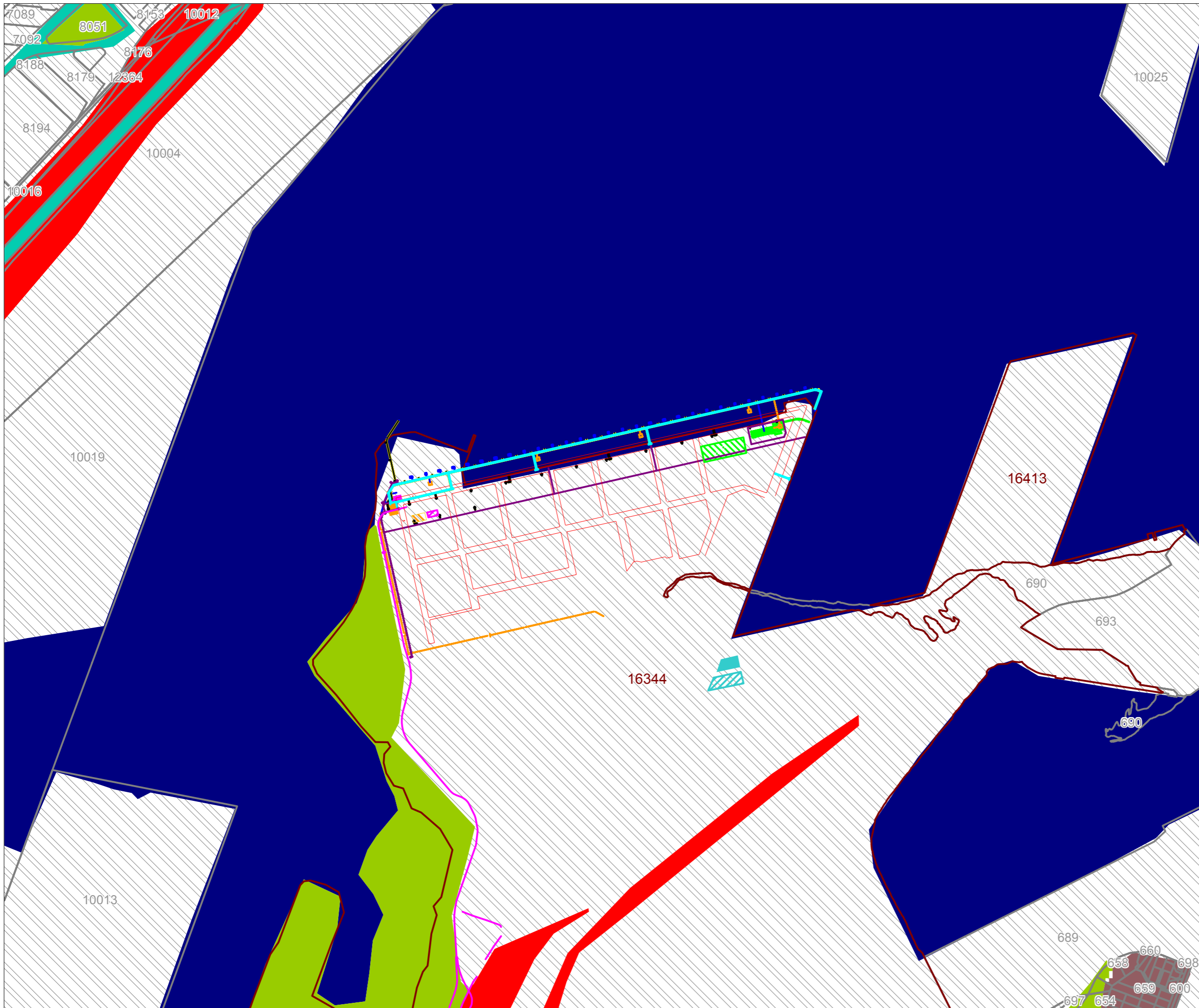




# APPENDIX A2-2

## LAND USE





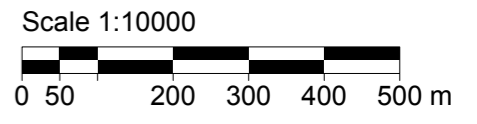
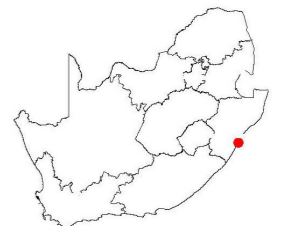
# Landside Infrastructure Development at Berth 203 to 205

## Land Cover



Legend

- land cover
- Beach
- Commercial / Retail
- Industrial areas
- Major Recreation Facilities
- Rail
- Roads
- The Harbour
- Undeveloped Land
- Urban Settlement Formal
- Urban Settlement Informal
- Water Bodies & Rivers & RiverBeds
- Erf
- Farm Portion
- Landside Infrastructure
- New Sewer
- New Water
- New Electrical
- New HML and Subs
- New Fences
- Selective Upgrades to Roads
- New Straddle Road
- New Service Tunnels
- Layout Alternative 1
- Proposed North Substation - Layout 1
- Proposed Satellite Staff Facility - Layout 1
- Proposed M&A - Layout 1
- Proposed East Substation- Layout 1
- Alternative Layout 2
- Proposed North Substation - Layout 2
- Proposed Mess and Ablution Facility - Layout 2
- Proposed East Substation - Layout 2
- Proposed Satellite Staff Facility - Layout 2



# APPENDIX A2.3

## ZONING MAPS



# Landside Infrastructure Development at Berth 203 to 205

## Zoning



### Legend

#### Zoning

Harbour

Erf

Farm Portion

#### Landside Infrastructure

New Sewer

New Water

New Electrical

New HML and Subs

New Fences

Selective Upgrades to Roads

New Straddle Road

New Service Tunnels

#### Layout Alternative 1

Proposed North Substation - Layout 1

Proposed Satellite Staff Facility - Layout 1

Proposed M&A - Layout 1

Proposed East Substation- Layout 1

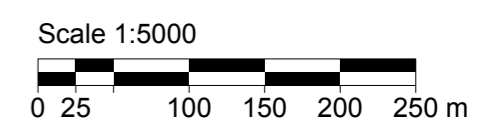
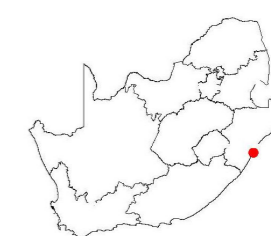
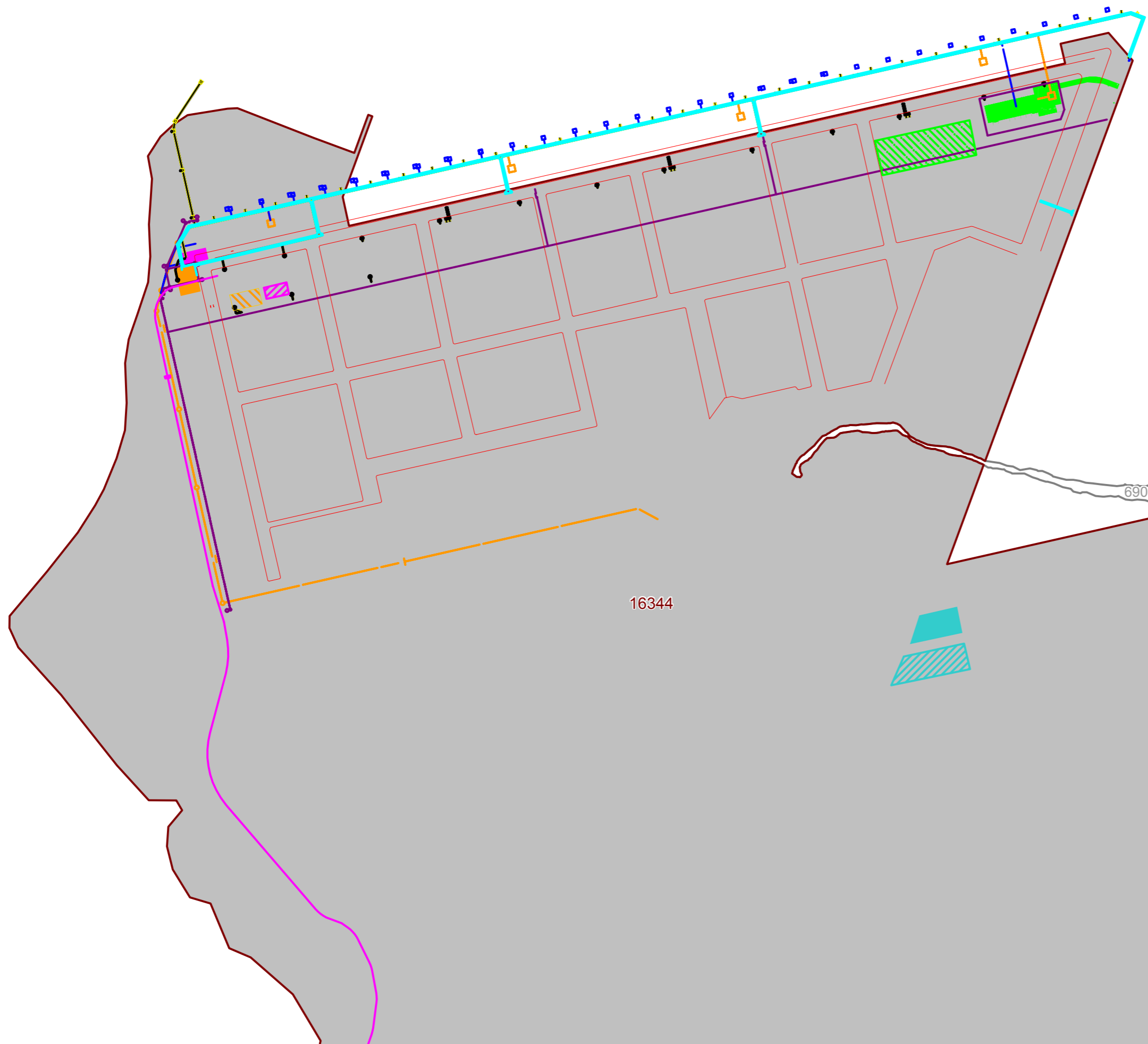
#### Alternative Layout 2

Proposed North Substation - Layout 2

Proposed Mess and Ablution Facility - Layout 2

Proposed East Substation - Layout 2

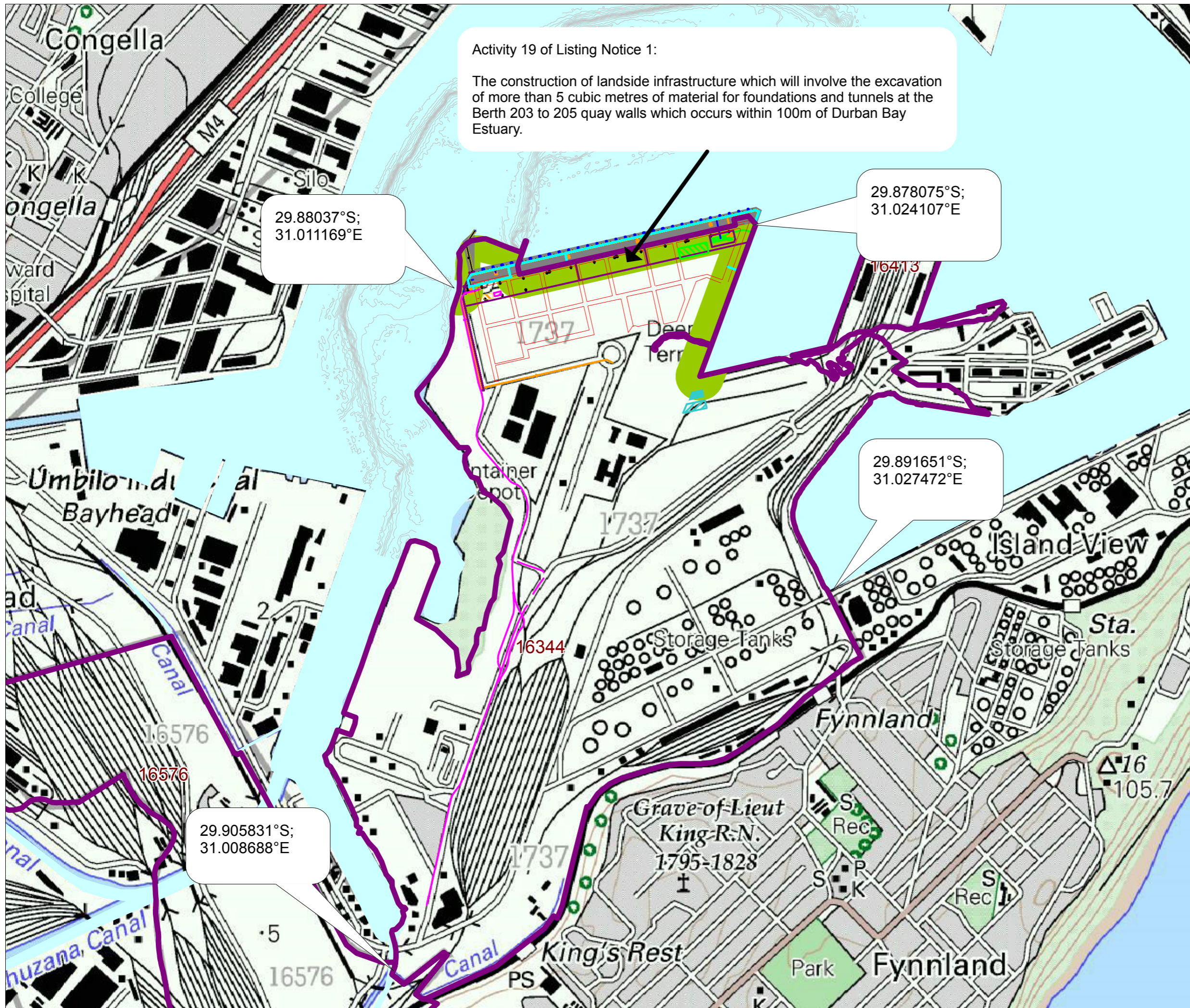
Proposed Satellite Staff Facility - Layout 2



# APPENDIX A2.4

## ACTIVITY POSITION MAP





Activity 19 of Listing Notice 1:  
 The construction of landside infrastructure which will involve the excavation of more than 5 cubic metres of material for foundations and tunnels at the Berth 203 to 205 quay walls which occurs within 100m of Durban Bay Estuary.

29.88037°S;  
 31.011169°E

29.878075°S;  
 31.024107°E

29.891651°S;  
 31.027472°E

29.905831°S;  
 31.008688°E

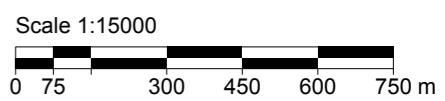
**TRANSNEF**  
 delivering freight reliability

## Landside Infrastructure Development at Berth 203 to 205

### Listed Activities and Coordinates



- Legend**
- Sensitivity**
    - 100m buffer
    - DMOSS Estuary
    - Sandbank
  - Landside Infrastructure**
    - New Sewer
    - New Water
    - New Electrical
    - New HML and Subs
    - New Fences
    - Selective Upgrades to Roads
    - New Straddle Road
    - New Service Tunnels
  - Layout Alternative 1**
    - Proposed North Substation - Layout 1
    - Proposed Satellite Staff Facility - Layout 1
    - Proposed M&A - Layout 1
    - Proposed East Substation- Layout 1
  - Alternative Layout 2**
    - Proposed North Substation - Layout 2
    - Proposed Mess and Ablution Facility - Layout 2
    - Proposed East Substation - Layout 2
    - Proposed Satellite Staff Facility - Layout 2
  - Farm Portion
  - Approved Berth 203 to 205 Expansion





# APPENDIX A2-5

## SERVITUDES MAPS



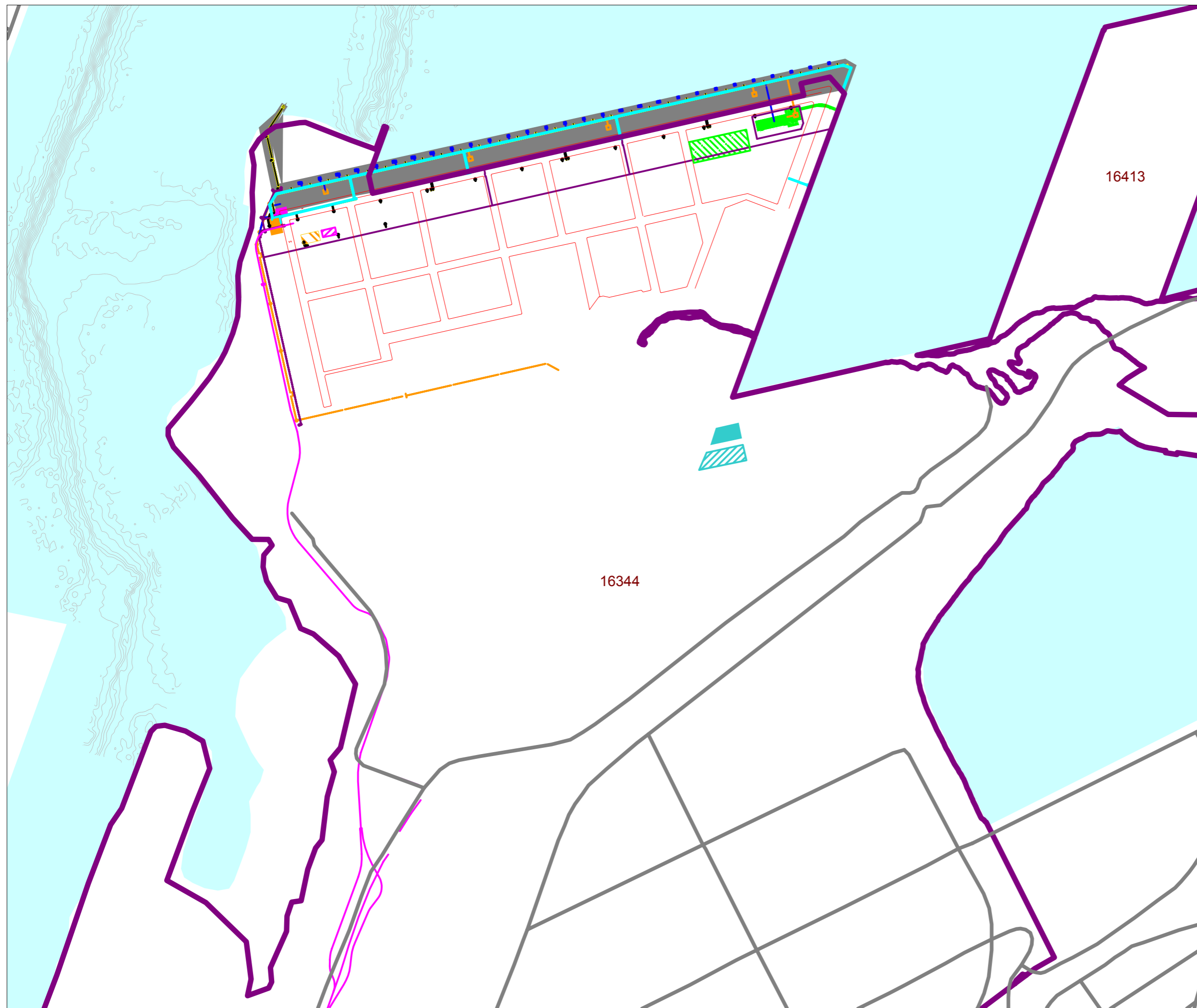
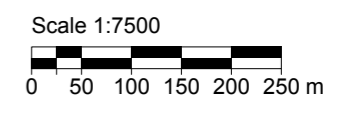
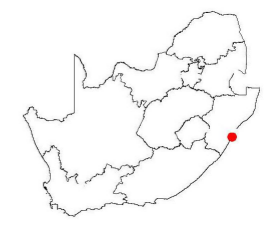
# Landside Infrastructure Development at Berth 203 to 205

## Servitudes



### Legend

- Sensitivity**
- DMOSS Estuary
  - Sandbank
- Landside Infrastructure**
- Approved Berth 203 to 205 Expansion
  - New Sewer
  - New Water
  - New Electrical
  - New HML and Subs
  - New Fences
  - Selective Upgrades to Roads
  - New Straddle Road
  - New Service Tunnels
- Layout Alternative 1**
- Proposed North Substation - Layout 1
  - Proposed Satellite Staff Facility - Layout 1
  - Proposed M&A - Layout 1
  - Proposed East Substation- Layout 1
- Alternative Layout 2**
- Proposed North Substation - Layout 2
  - Proposed Mess and Ablution Facility - Layout 2
  - Proposed East Substation - Layout 2
  - Proposed Satellite Staff Facility - Layout 2
- Farm Portion
- Servitude Line



# APPENDIX A3

## SENSITIVITY MAP



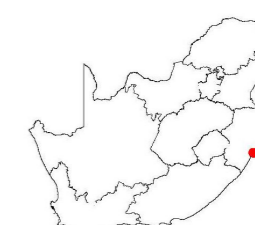
# Landside Infrastructure Development at Berth 203 to 205

## Sensitivity Map

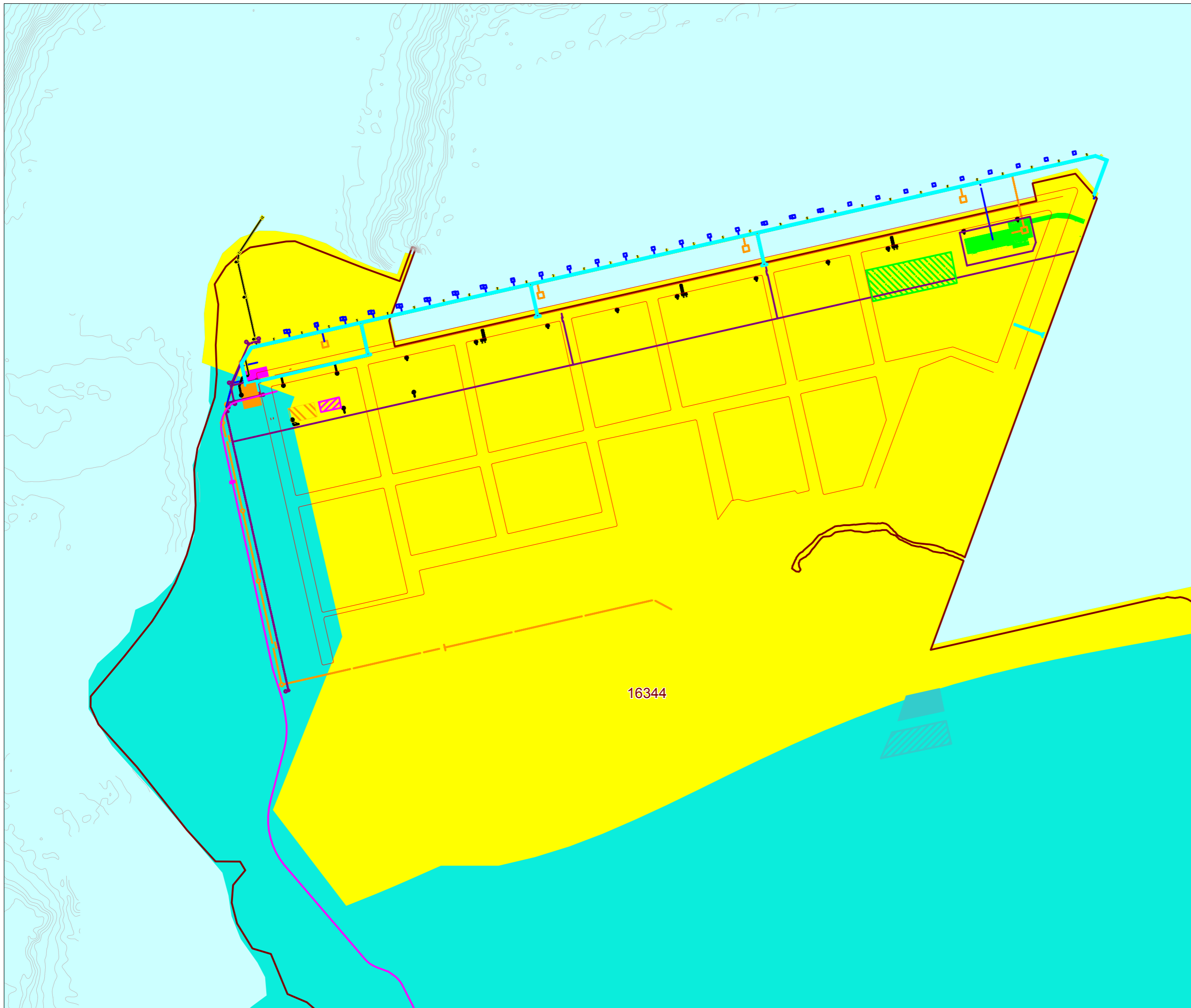


**Legend**

- Farm Portion
- Sensitivity
- KZN C Plan
- 0Co
- Ign
- DMOSS Estuary
- Sandbank
- Landside Infrastructure
- New Sewer
- New Water
- New Electrical
- New HML and Subs
- New Fences
- Selective Upgrades to Roads
- New Straddle Road
- New Service Tunnels
- Layout Alternative 1
- Proposed North Substation - Layout 1
- Proposed Satellite Staff Facility - Layout 1
- Proposed M&A - Layout 1
- Proposed East Substation- Layout 1
- Alternative Layout 2
- Proposed North Substation - Layout 2
- Proposed Mess and Ablution Facility - Layout 2
- Proposed East Substation - Layout 2
- Proposed Satellite Staff Facility - Layout 2



Scale 1:5000  
  
 0 25 100 150 200 250 m



# APPENDIX A4

## POSITION OF PHOTOGRAPHS









# Landside Infrastructure Development at Berth 203 to 205

Location of Photographs







### Legend





#### Landside Infrastructure


-  New Sewer
-  New Water
-  New Electrical
-  New HML and Subs
-  New Fences
-  Selective Upgrades to Roads
-  New Straddle Road
-  New Service Tunnels

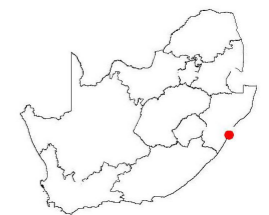
#### Layout Alternative 1

-  Proposed North Substation - Layout 1
-  Proposed Satellite Staff Facility - Layout 1
-  Proposed M&A - Layout 1
-  Proposed East Substation - Layout 1

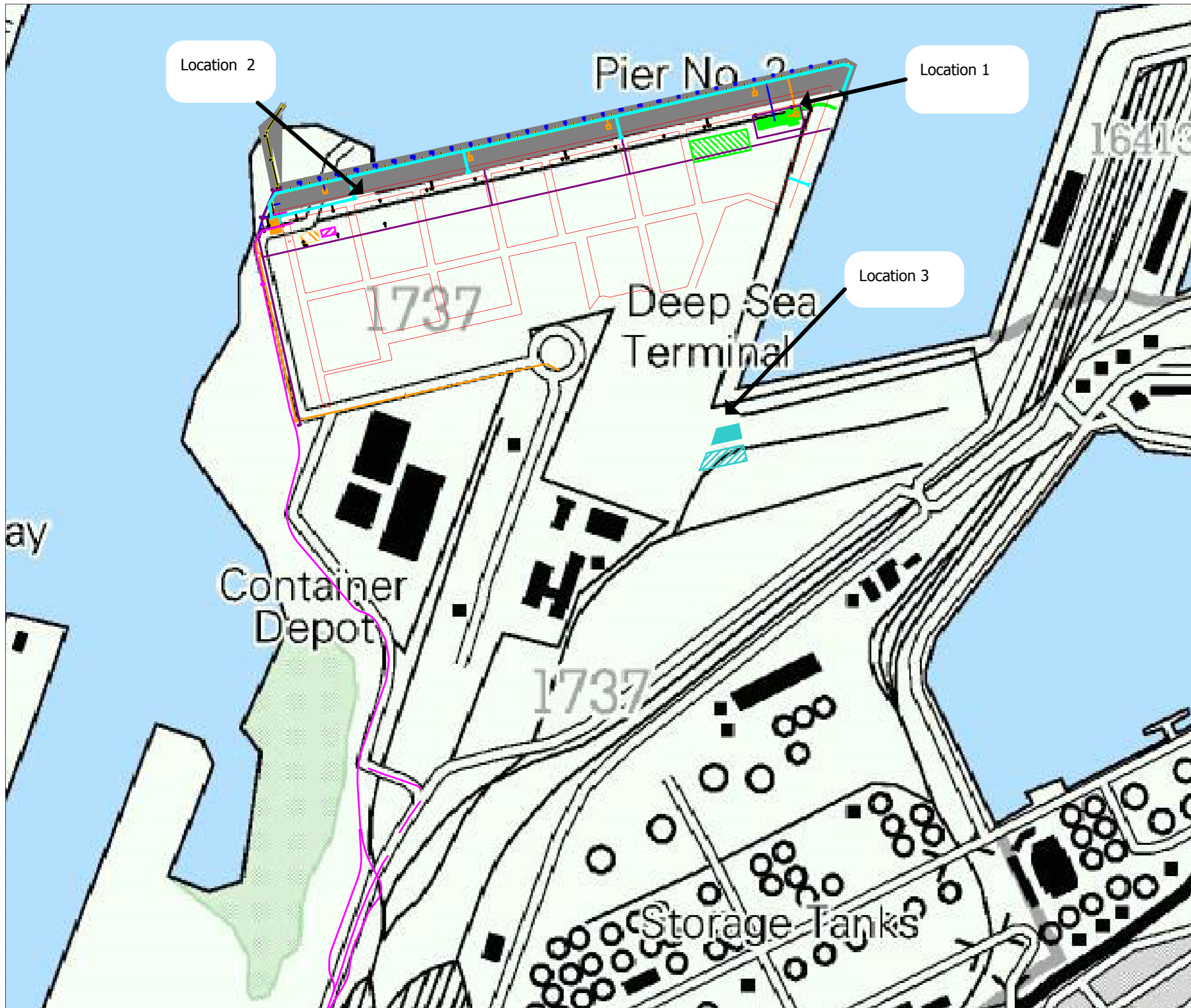
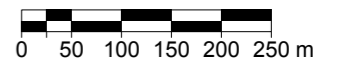
#### Alternative Layout 2

-  Proposed North Substation - Layout 2
-  Proposed Mess and Ablution Facility - Layout 2
-  Proposed East Substation - Layout 2
-  Proposed Satellite Staff Facility - Layout 2

-  Approved Berth 203 to 205 Expansion



Scale 1:7500





# APPENDIX A5

## SITE PLAN MAP

# Landside Infrastructure Development at Berth 203 to 205 to 205

## Site Plan



### Legend

- Zoning**
- land cover**
- Agriculture Market gardening
- Beach
- Commercial / Retail
- Forestry
- Industrial areas
- Major Recreation Facilities
- Other farming
- Peri-urban Settlement
- Rail
- Roads
- State/Institutional
- Sugar Cane
- The Harbour
- Under Construction
- Undeveloped Land
- Urban Settlement Formal
- Urban Settlement Informal
- Water Bodies & Rivers & RiverBeds
- Sensitivity**
- DMOSS Estuary
- Sandbank
- Landside Infrastructure**
- New Sewer
- New Water
- New Electrical
- New HML and Subs
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- Selective Upgrades to Roads
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- Proposed Satellite Staff Facility - Layout 1
- Proposed M&A - Layout 1
- Proposed East Substation - Layout 1
- Alternative Layout 2**
- Proposed North Substation - Layout 2
- Proposed Mess and Ablution Facility - Layout 2
- Proposed East Substation - Layout 2
- Proposed Satellite Staff Facility - Layout 2
- Farm Portion
- Erf
- Servitude Line
- Approved Berth 203 to 205 Expansion

### Activity 19 of Listing Notice 1:

The construction of landside infrastructure which will involve the excavation of more than 5 cubic metres of material for foundations and tunnels at the Berth 203 to 205 quay walls which occurs within 100m of Durban Bay Estuary.

Layout Alternative 1  
29 53'28.659"S31  
01'02.219"E

Layout Alternative 2  
29 53'28.659"S31  
01'02.219"E

Location 2

Location 1

Location 3

M4

Breede Road

16344

16413

16576

Langeberg Road

Bayhead Road

Scale 1:20000

