

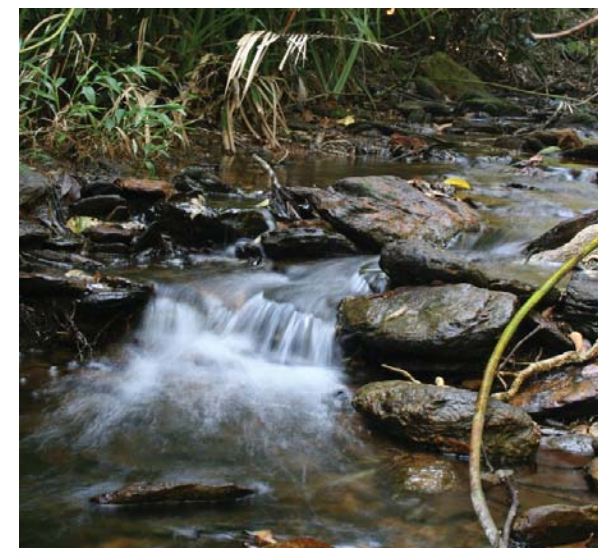


Ella Bay Integrated Resort Proposal

SEIS Submission Response

Volume Seven

Ella Bay Road Layout & Detailed Drawings



LONG PRESENTATION DRAWINGS

DRAWING NUMBER	DRAWING TITLE
EBR1CE-PD01	ELLA BAY ROAD ALIGNMENT AERIAL PHOTO
EBR1CE-PD02	OVERALL LAYOUT
EBR1CE-PD03	ROAD DESIGN STAGE 1
EBR1CE-PD04	ROAD DESIGN STAGE 2
EBR1CE-PD05	LONGITUDINAL PLAN
EBR1CE-PD06	STORMWATER MANAGEMENT PLAN
EBR1CE-PD07	STORMWATER MANAGEMENT LONGITUDINAL PLAN
EBR1CE-PD08	FAUNA FENCING MANAGEMENT
EBR1CE-PD09	CLEARING VEGETATION MANAGEMENT
EBR1CE-PD10	ELLA BAY ROAD DESIGN (GENERAL OVERVIEW)

ROAD LAYOUT DRAWINGS

DRAWING NUMBER	DRAWING TITLE
EBR1CE-DD00	ELLA BAY ROAD COVER SHEET
EBR1CE-DD01 - 22	STAGE 1 - ROAD LAYOUT
EBR2CE-DD01	STAGE 2 - BAY ROAD LAYOUT
EBR2CE-DD02 - 08	STAGE 2 - ALICE STREET

ROAD DETAIL DRAWINGS

DRAWING NUMBER	DRAWING TITLE
EBR1CE-DD30	FAUNA CULVERT 3 DESIGN
EBR1CE-DD31	FAUNA CULVERT 15 DESIGN
EBR1CE-DD32	FAUNA CULVERT 16 DESIGN
EBR1CE-DD33	FAUNA CULVERT 20 DESIGN
EBR1CE-DD35	DRAIN AND BIORETENTION SWALE DETAIL
EBR1CE-DD36	TYPICAL R.C.B.C. & HEADWALL CROSSING
EBR1CE-DD40	CASSOWARY FENCE EXIT DESIGN 1 AND 2
EBR1CE-DD41	CASSOWARY FENCE EXIT DESIGN 3 AND 4
EBR1CE-DD42	CASSOWARY FENCE EXIT DETAILS
EBR1CE-DD55	ELLA BAY MCA ROAD OPTIONS
EBR1CE-DD56	TRAFFIC MANAGEMENT PLAN
EBR1CE-DD60	REVEGETATION DESIGN BRIDGE 1
EBR1CE-DD61	REVEGETATION DESIGN BRIDGE 2
EBR1CE-DD62	REVEGETATION DESIGN BRIDGE 3
EBR1CE-DD70	ELLA BAY ROAD PROPERTY TENURE



ELLA BAY
Far North Queensland



DRAWINGS

8 DECEMBER 2011

CONTENTS



LOCALITY PLAN
NOT TO SCALE



ELLA BAY
Far North Queensland

ELLA BAY ELLA BAY ROAD

DRAWING LIST

EBR1CE-DD00

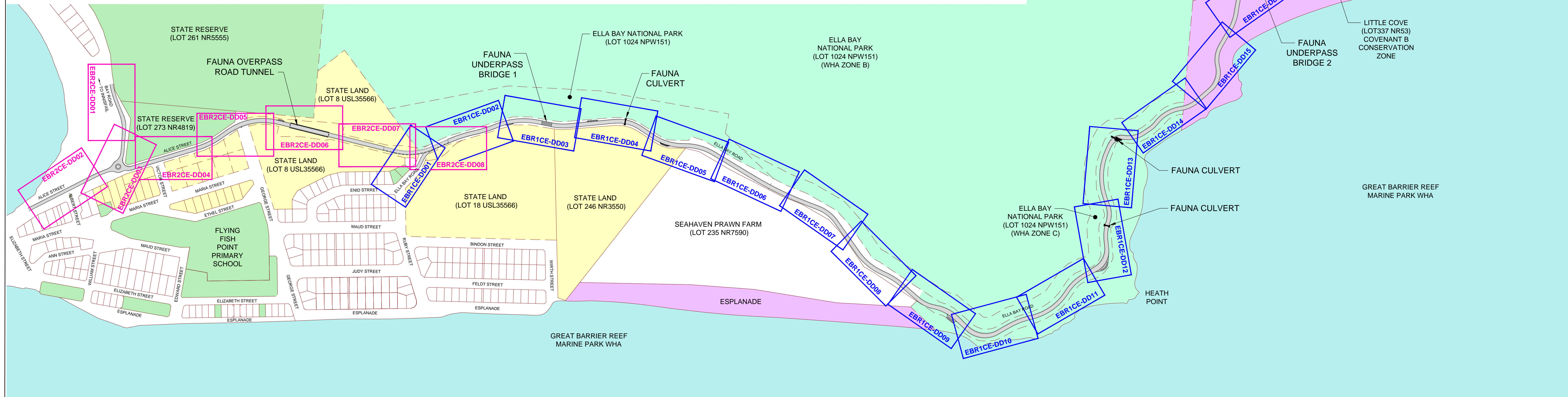
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EBR2CE-DD(01 to 08)

COVER SHEET & LOCALITY PLAN

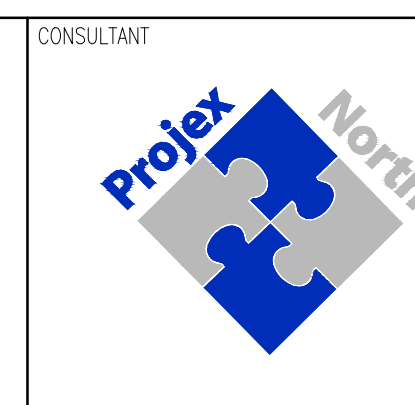
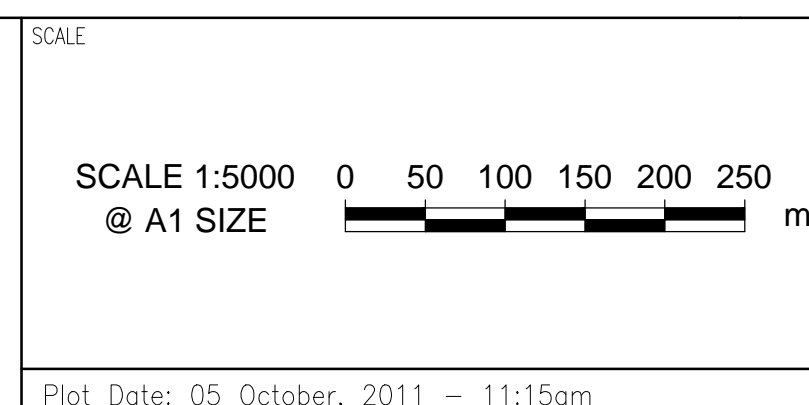
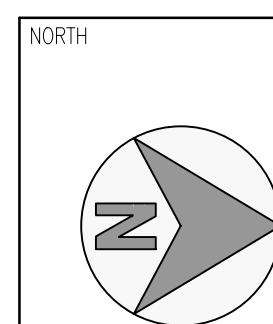
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ROAD LAYOUT - STAGE 2 

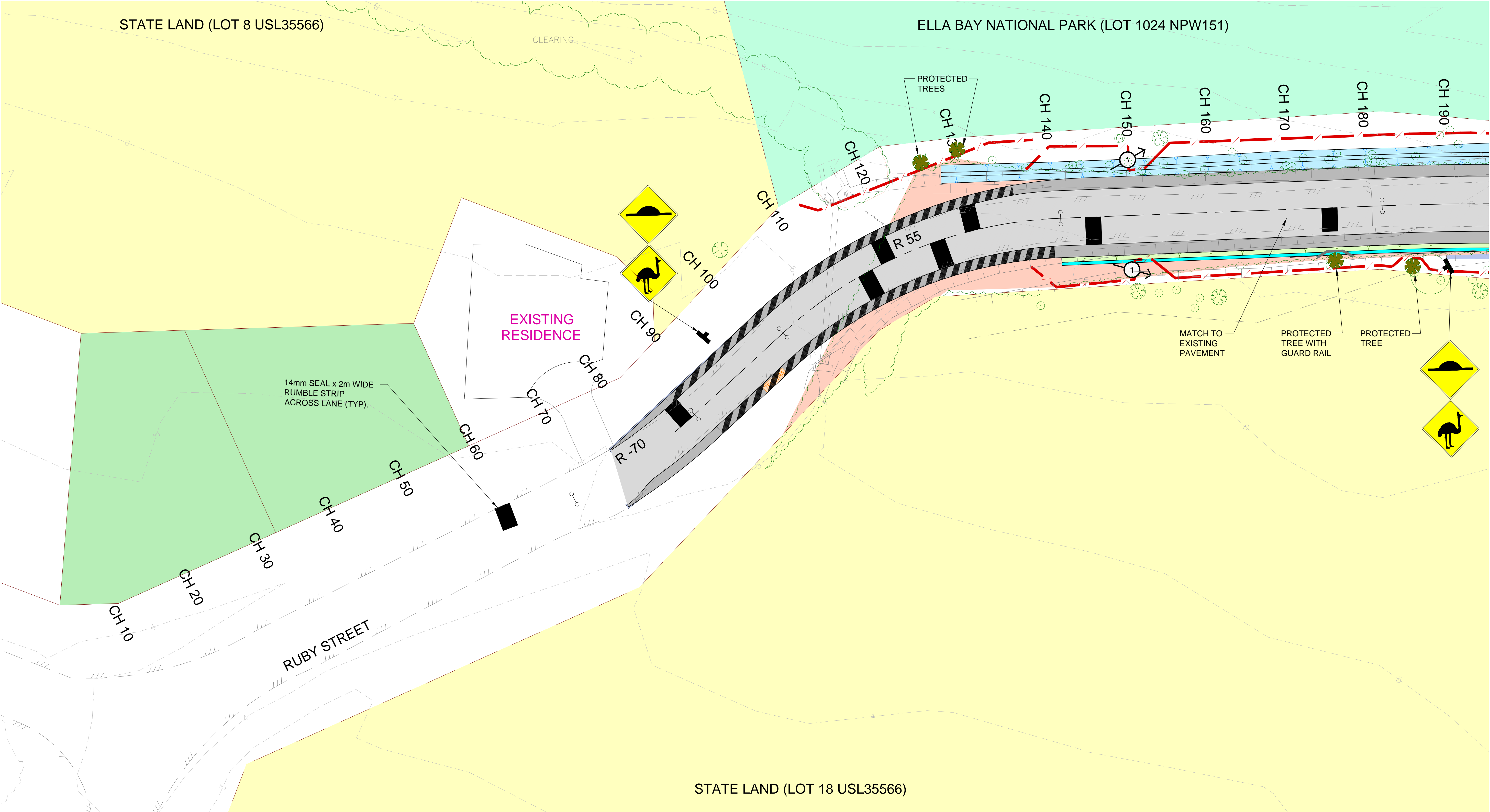


OVERALL PLAN
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NOT FOR CONSTRUCTION



ELLA BAY ROAD				
COVER SHEET & LOCALITY PLAN				
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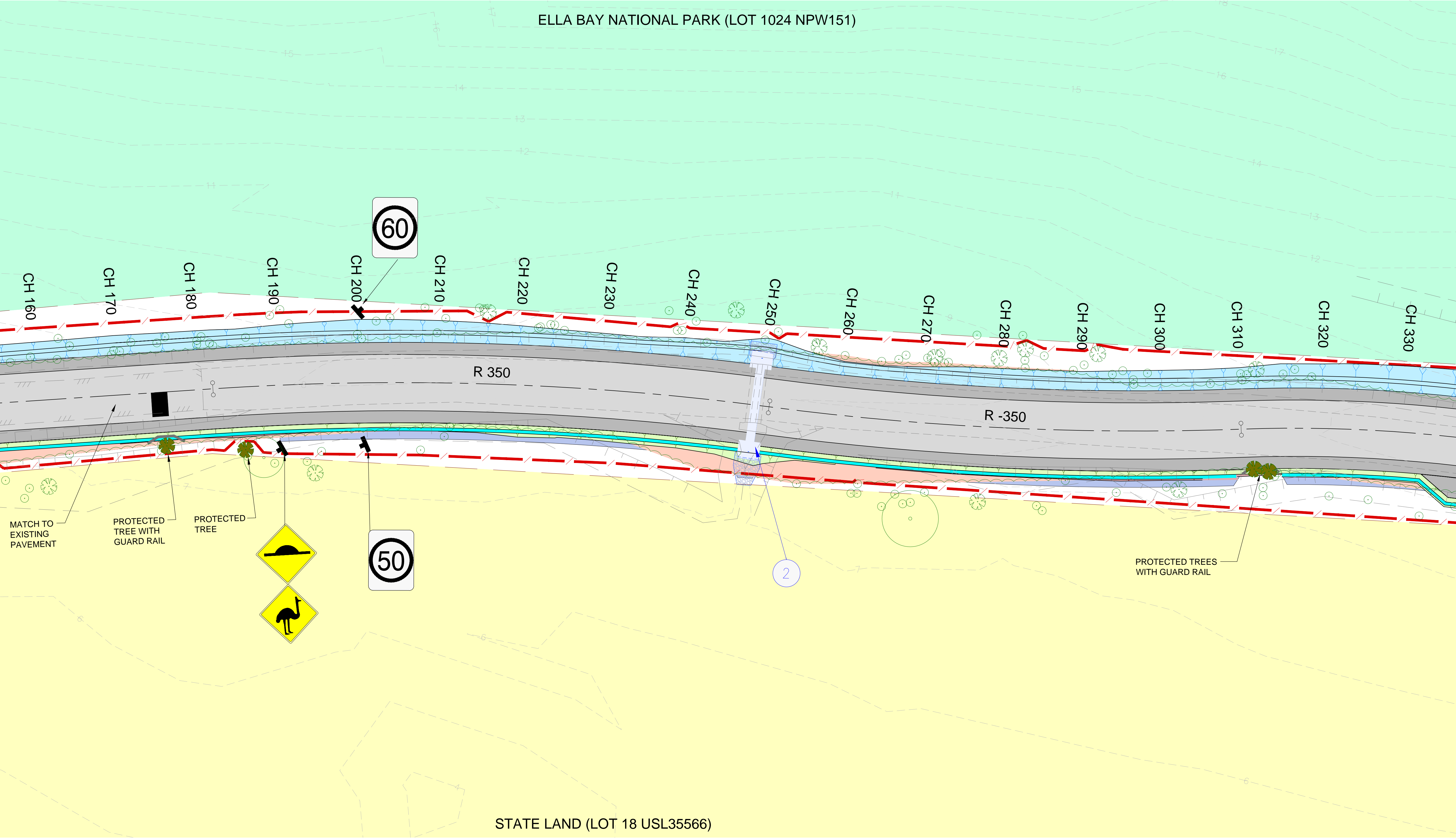


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| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | VEGETATION BOUNDARY |
| | STATE LAND | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | PROPOSED CLEARING |
| | TABLE DRAIN | | CLEARED AREA |
| | VEGETATED SWALE | | |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION

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Plot Date: 24 May, 2011 - 11:22am		ELLA BAY ROAD			
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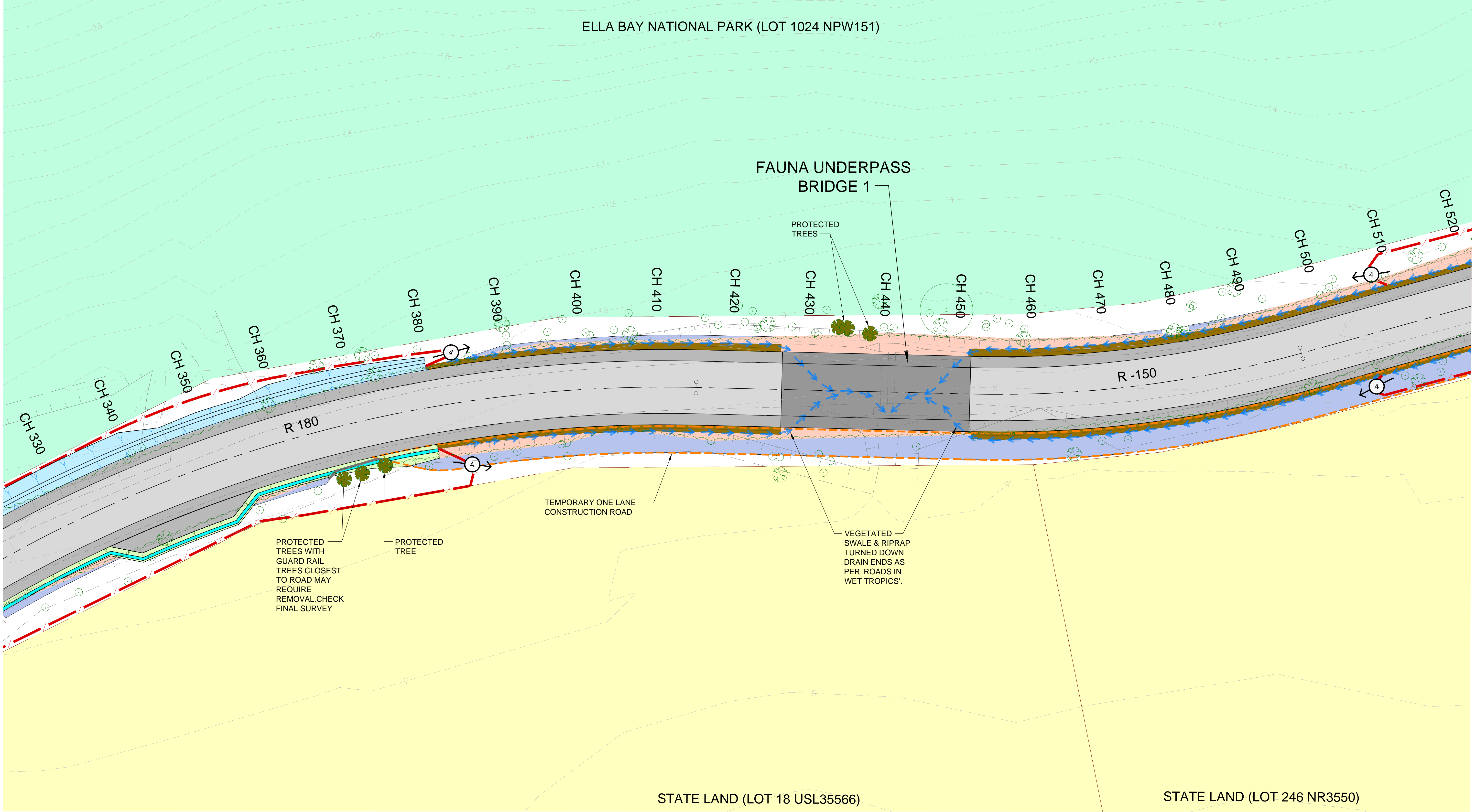


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| | STATE LAND | | TREE |
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| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | PROPOSED CLEARING |
| | TABLE DRAIN | | CLEARED AREA |
| | VEGETATED SWALE | | |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION

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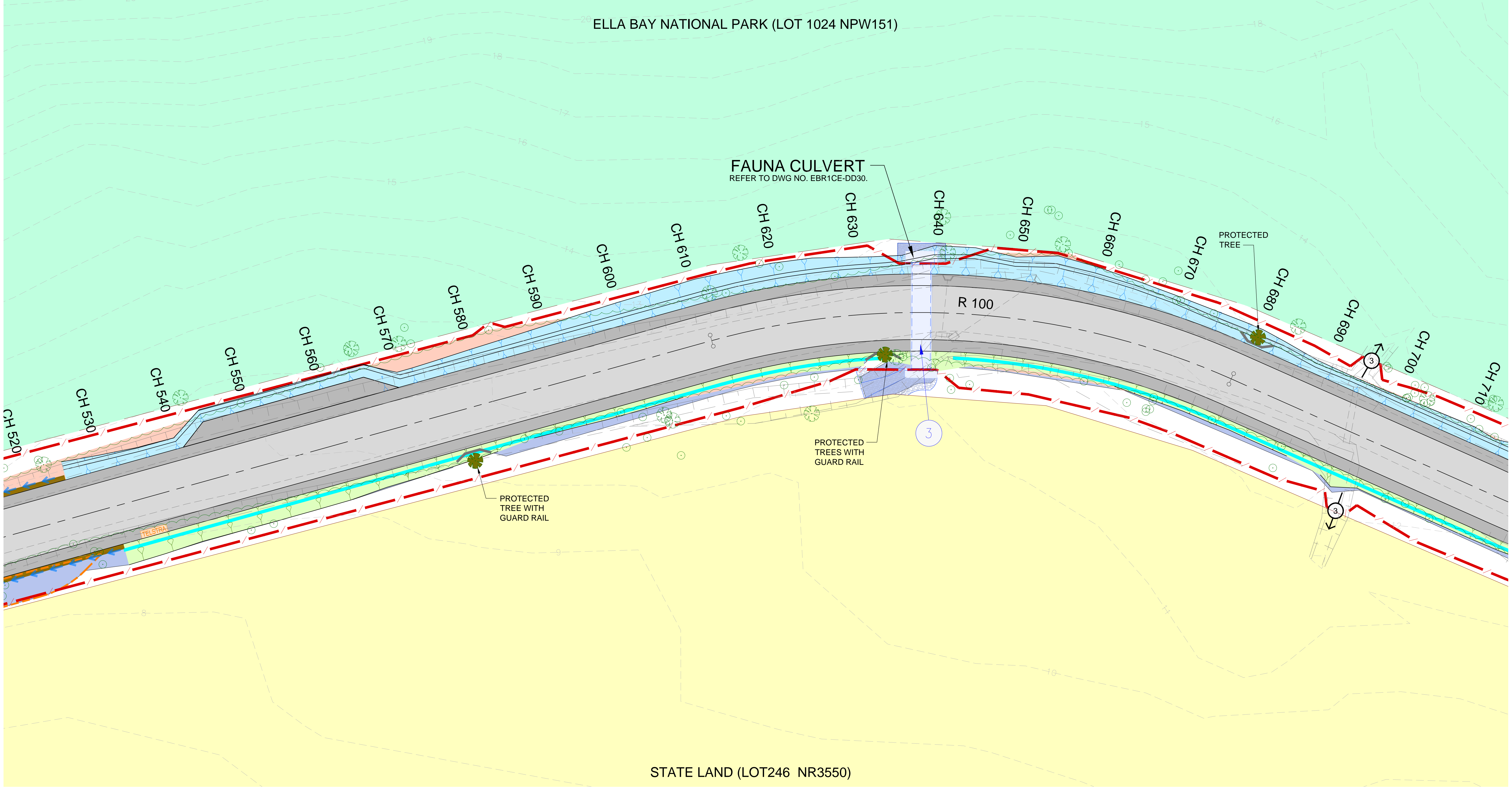


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| STATE LAND | HOT MIX KERB | TREE |
| LOCAL GOVERNMENT ESPLANADE | RETAINING WALL | PROTECTED TREE |
| ROAD CARRIAGEWAY | CUT / FILL BATTER | GUARD RAIL FOR PROTECTED TREE/S |
| ROAD SHOULDERS AND WIDENINGS | EXISTING CONTOURS | PROPOSED CLEARING |
| | TELSTRA PIT, "8" TYPE | CLEARED AREA |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | |

NOT FOR CONSTRUCTION

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SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD03	REVISION C		

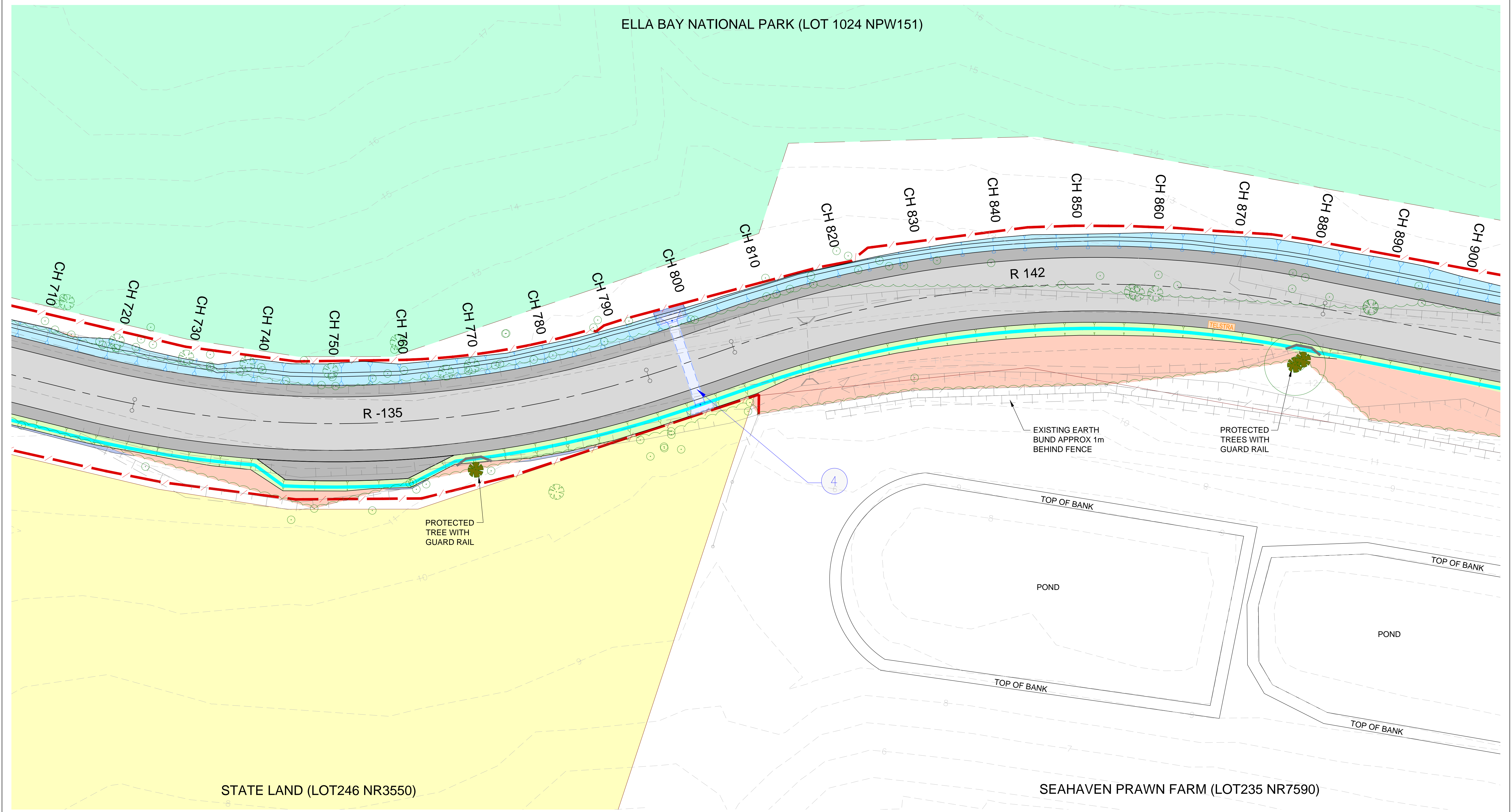


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| | STATE LAND | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | PROPOSED CLEARING |
| | TABLE DRAIN | | CLEARED AREA |
| | VEGETATED SWALE | | |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
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NOT FOR CONSTRUCTION

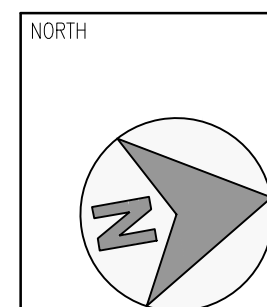
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| | STATE LAND | | HOT MIX KERB | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | PROPOSED CLEARING |
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| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

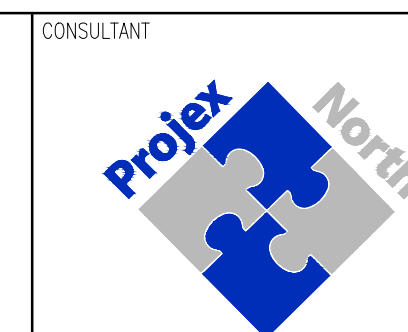
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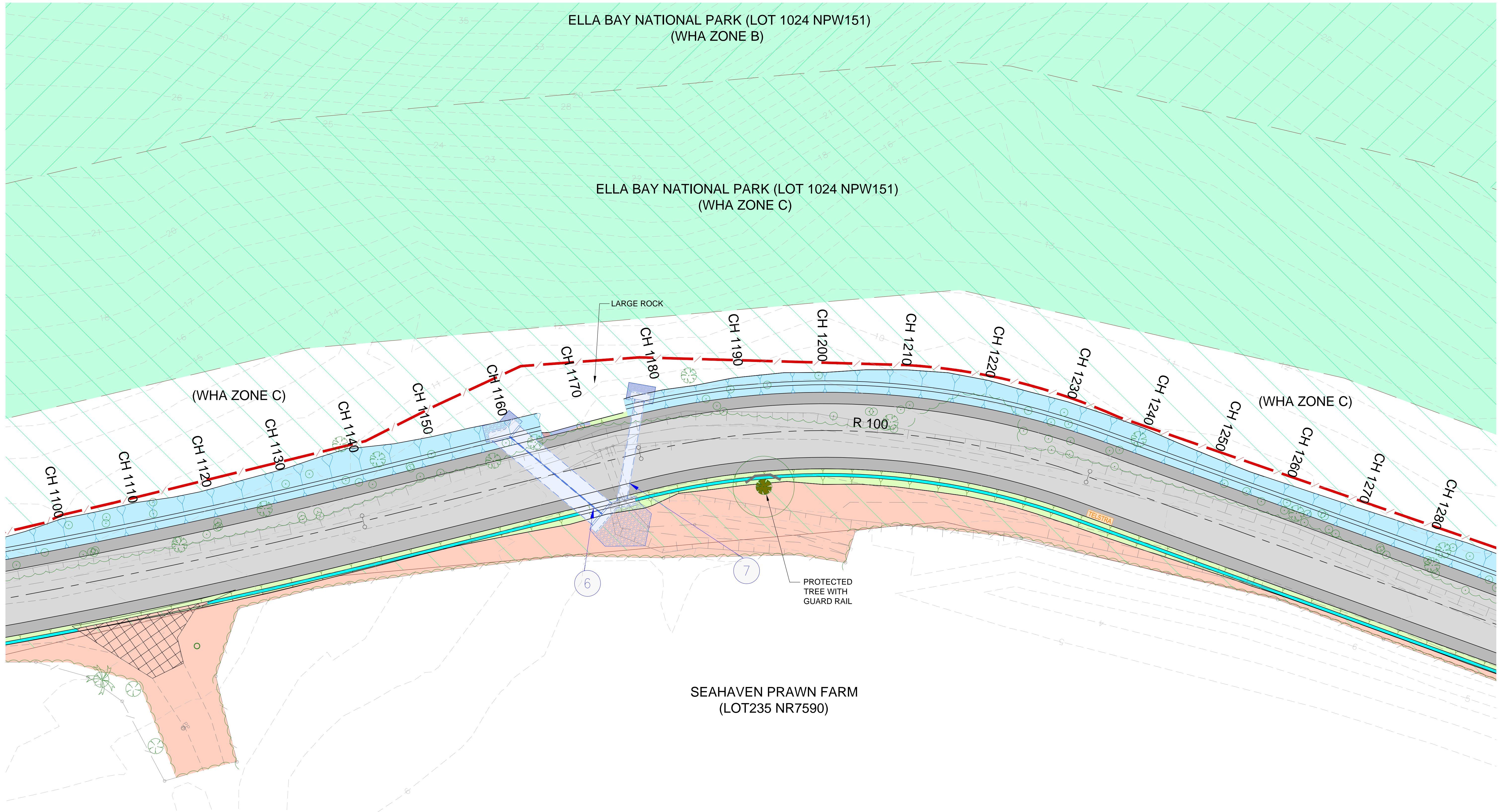
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DEVELOPER







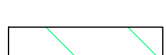


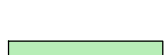


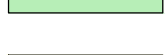


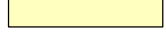











ELLA BAY
Far North Queensland



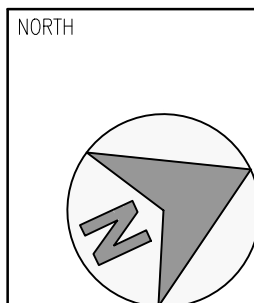
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SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD05	REVISION C	



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|  STATE LAND |  HOT MIX KERB |  TREE |
|  LOCAL GOVERNMENT ESPLANADE |  RETAINING WALL |  PROTECTED TREE |
|  ROAD CARRIAGEWAY |  CUT / FILL BATTER |  GUARD RAIL FOR PROTECTED TREE/S |
|  ROAD SHOULDERS AND WIDENINGS |  EXISTING CONTOURS |  PROPOSED CLEARING |
| |  TELSTRA PIT, "8" TYPE |  CLEARED AREA |
| |  TEMPORARY ONE LANE CONSTRUCTION ROAD | |

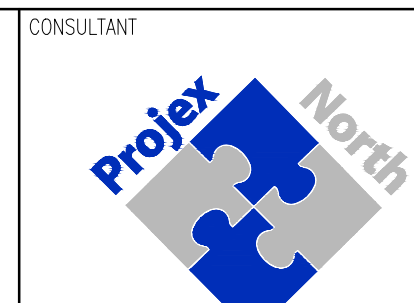
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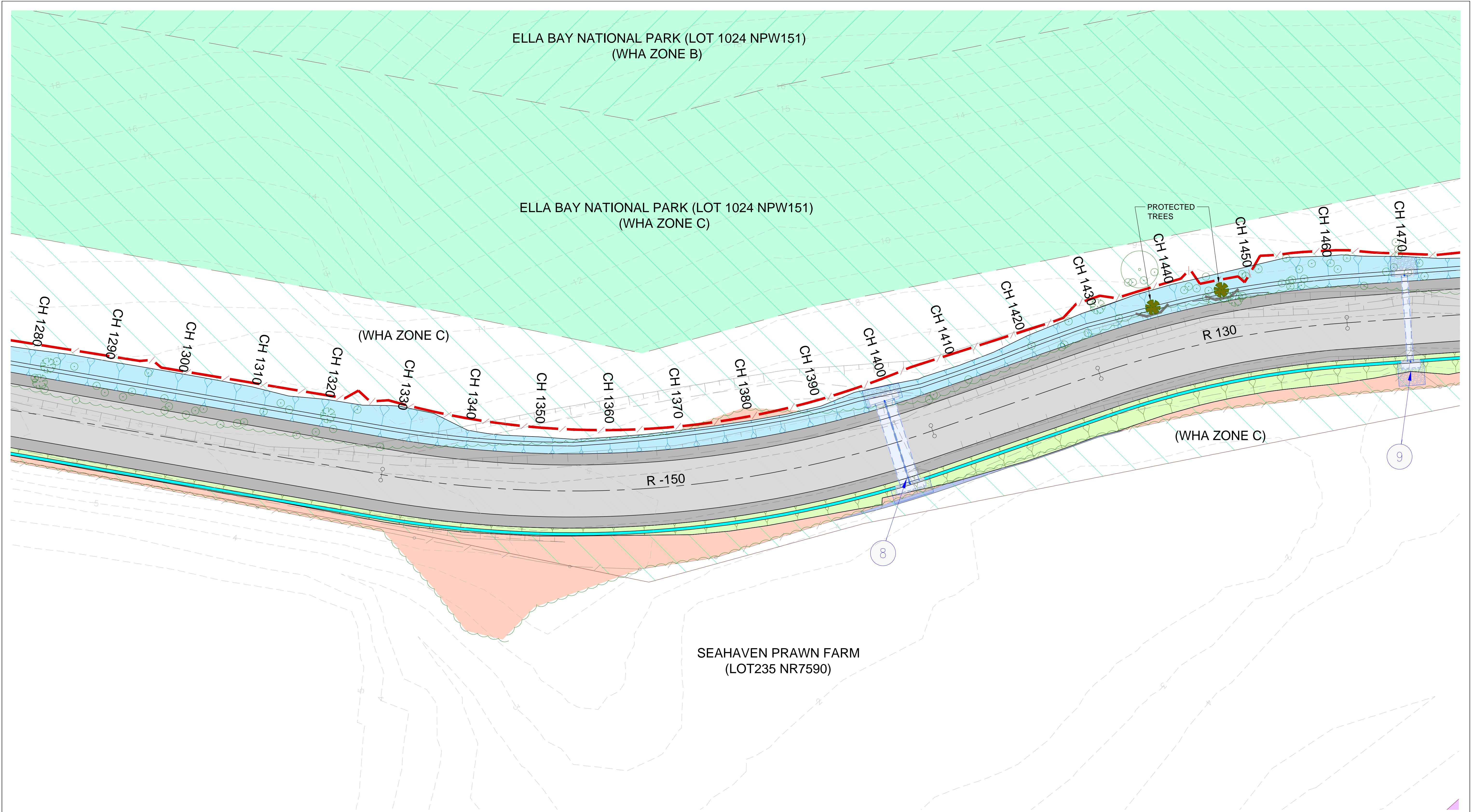
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Plot Date: 24 May, 2011 - 11:23am

DEVELOPER

ELLA BAY
Far North Queensland



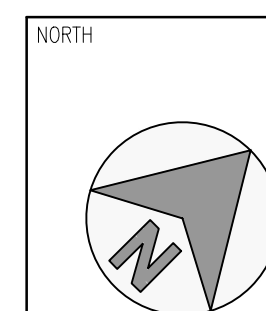
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SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD07	REVISION C



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| | STATE LAND | | HOT MIX KERB | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | PROPOSED CLEARING |
| | | | TELSTRA PIT, "8" TYPE | | CLEARED AREA |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION



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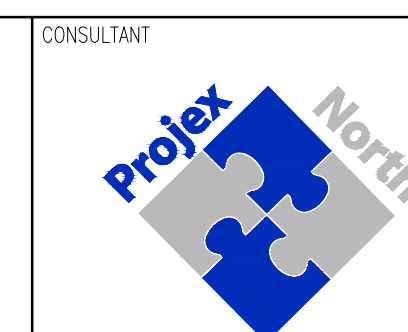
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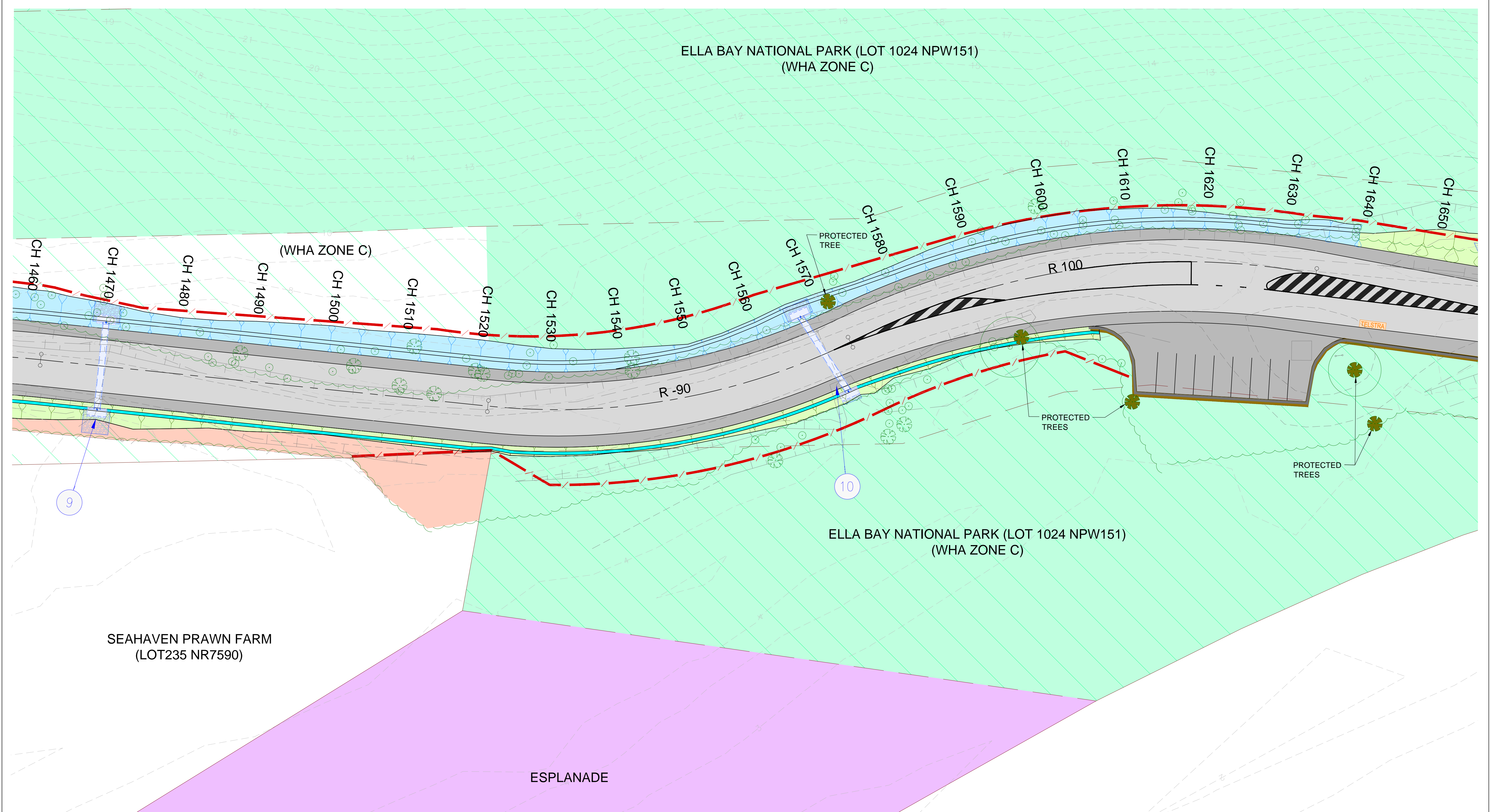
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DEVELOPER

ELLA BAY
Far North Queensland



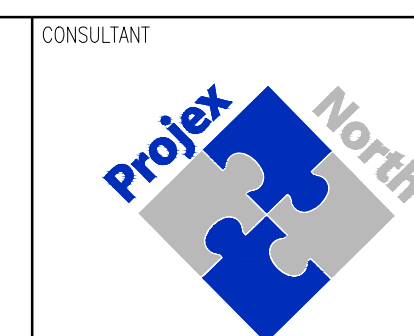
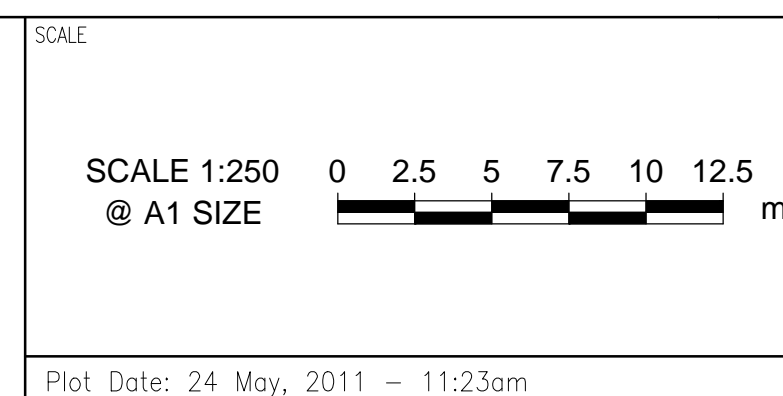
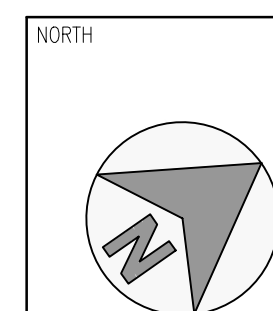
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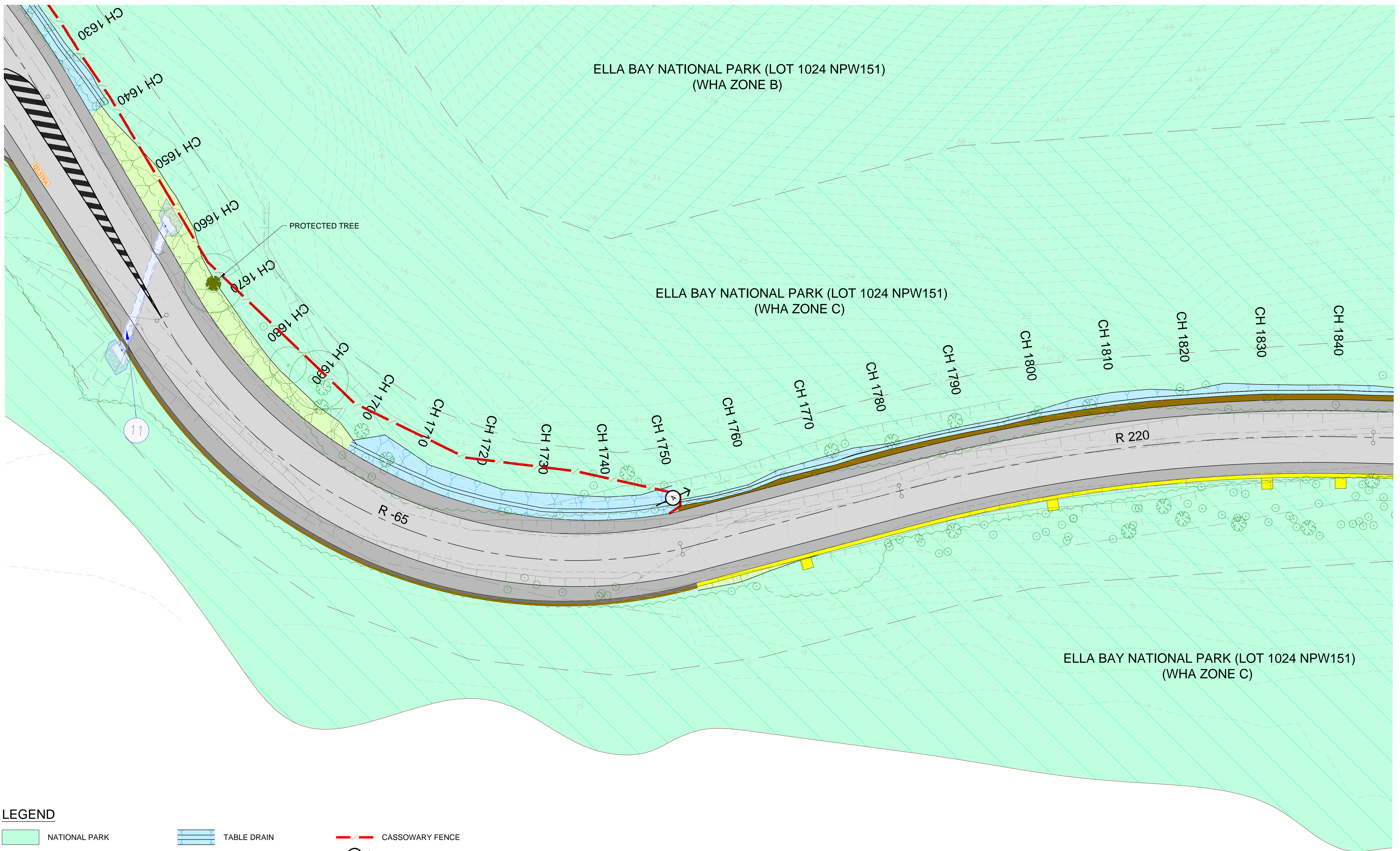
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| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | PROPOSED CLEARING |
| | | | TELSTRA PIT, "8" TYPE | | CLEARED AREA |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION



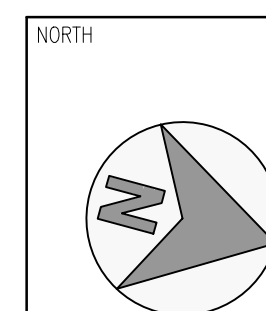
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LEGEND

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| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
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| | RETAINING WALL | | |
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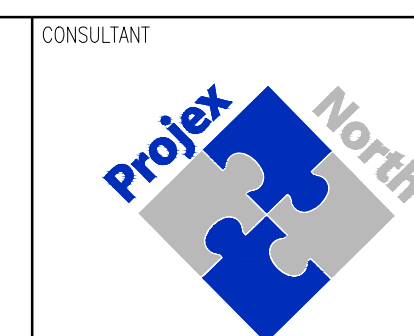
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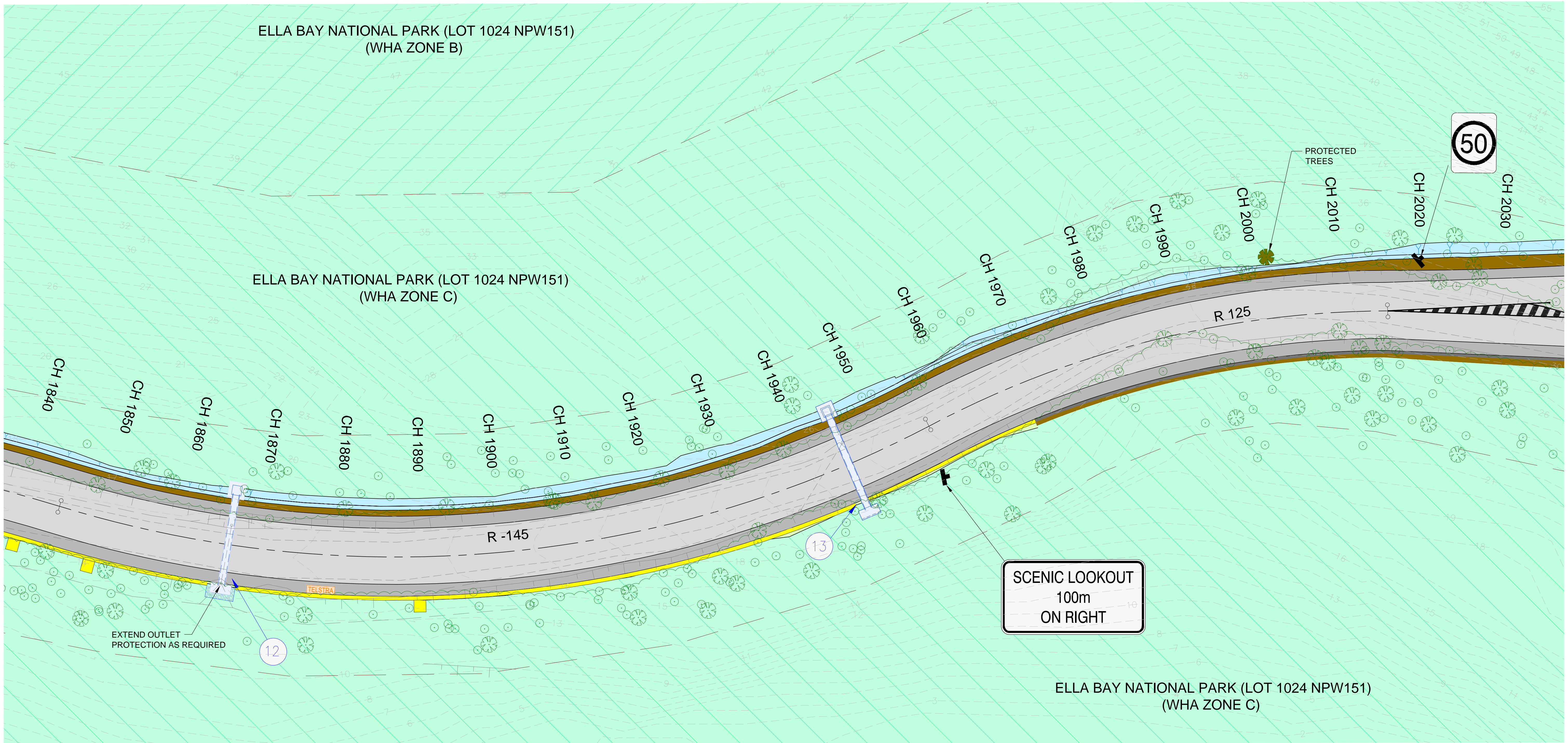
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Plot Date: 24 May, 2011 - 11:24am

DEVELOPER

ELLA BAY
Far North Queensland



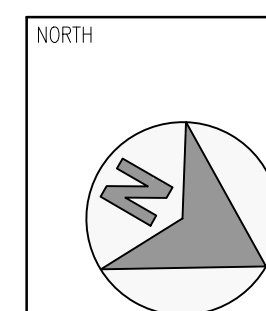
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SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD10	REVISION C	



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| | STATE LAND | | HOT MIX KERB | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | PROPOSED CLEARING |
| | | | TELSTRA PIT, "8" TYPE | | CLEARED AREA |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

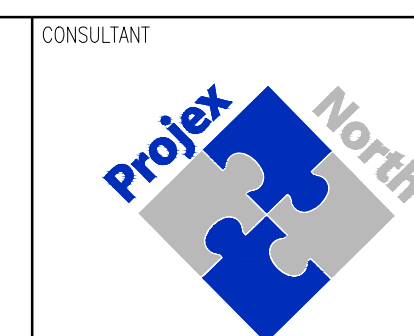
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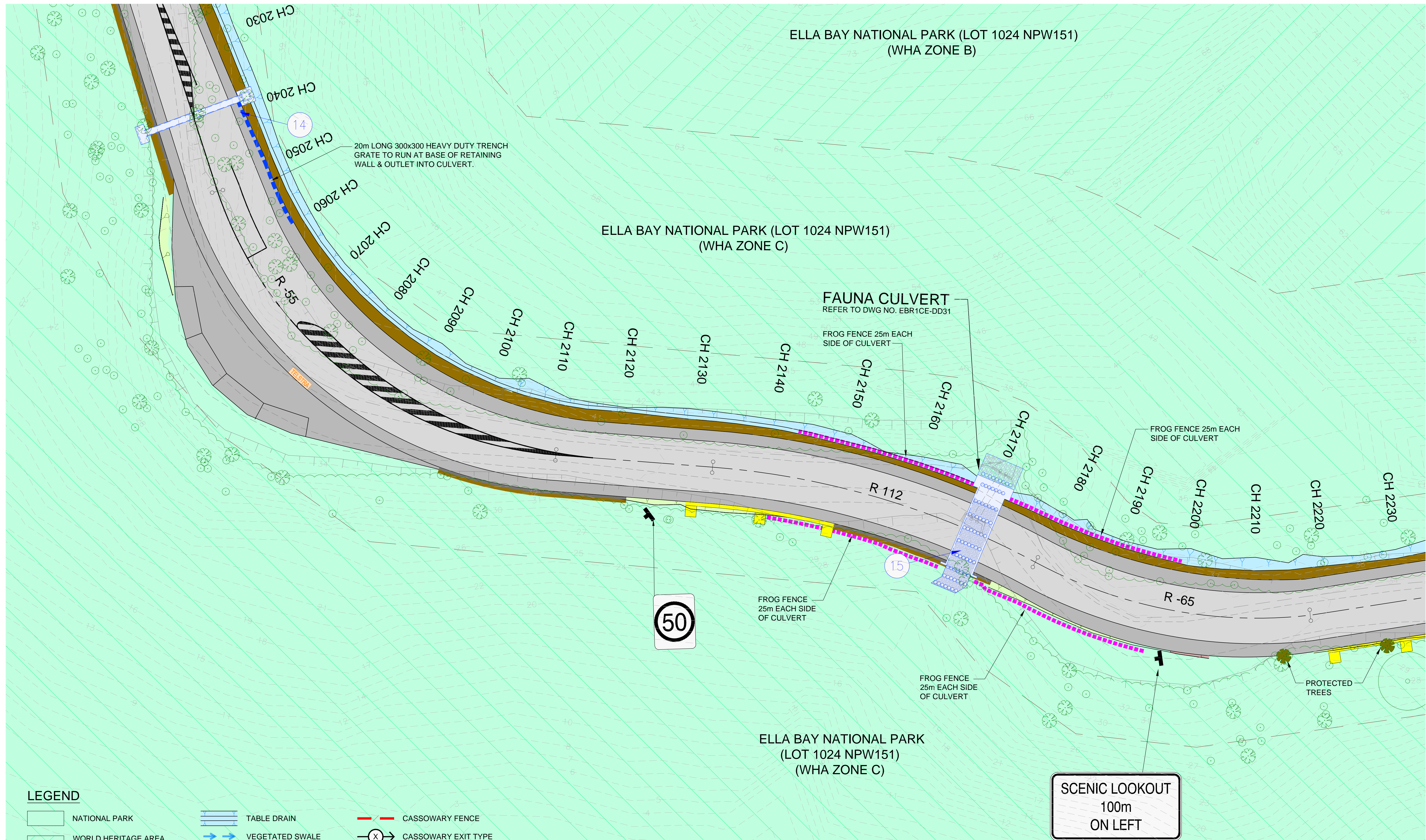
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DEVELOPER

ELLA BAY
Far North Queensland



ELLA BAY ROAD				
ROAD LAYOUT (SHEET 11 OF 22)				
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD11	REVISION C	

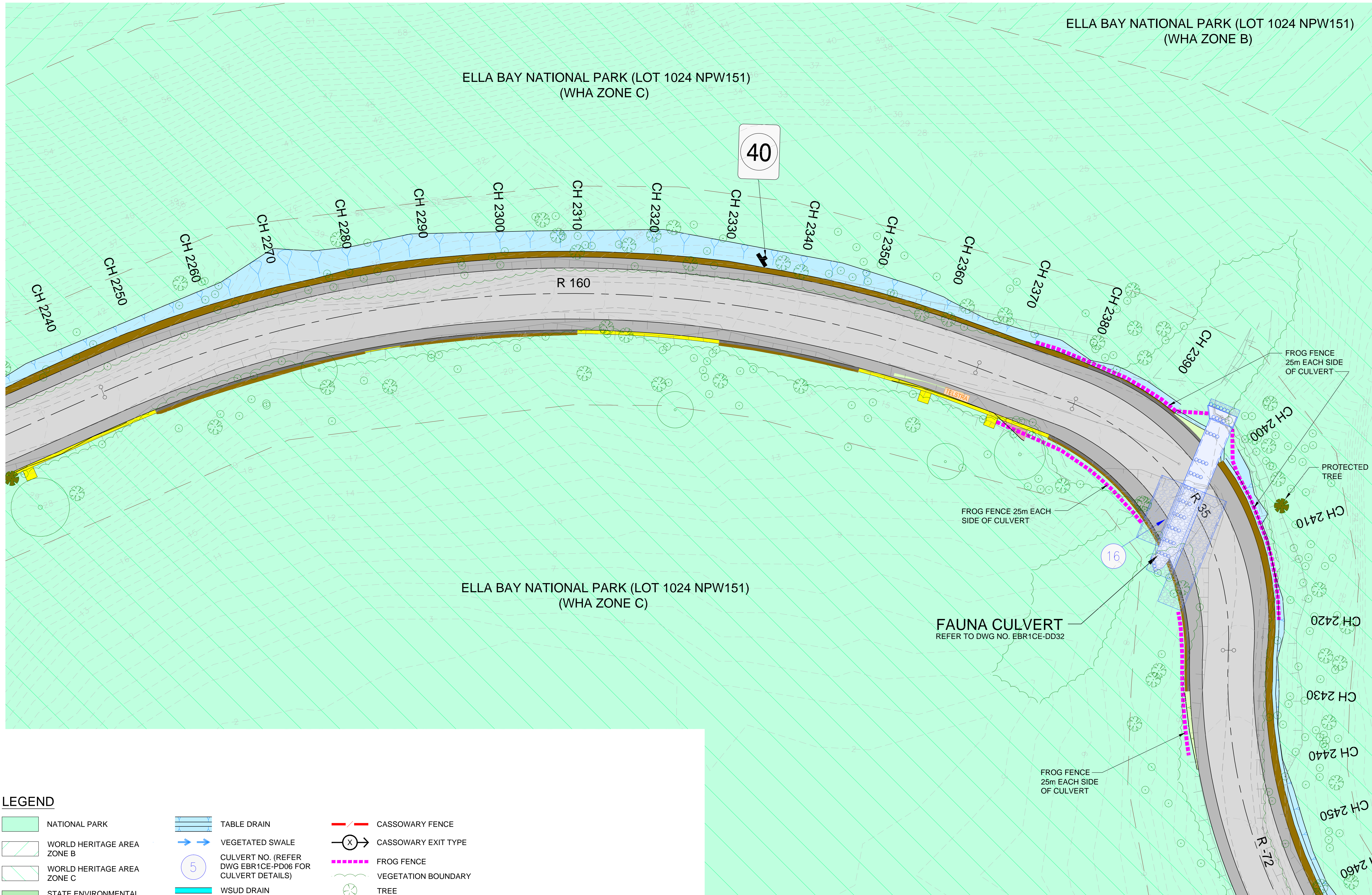


LEGEND

- | | | |
|------------------------------|---|---------------------------------|
| NATIONAL PARK | TABLE DRAIN | CASSOWARY FENCE |
| WORLD HERITAGE AREA ZONE B | VEGETATED SWALE | CASSOWARY EXIT TYPE |
| WORLD HERITAGE AREA ZONE C | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | FROG FENCE |
| STATE ENVIRONMENTAL LAND | WSUD DRAIN | VEGETATION BOUNDARY |
| STATE LAND | HOT MIX KERB | TREE |
| LOCAL GOVERNMENT ESPLANADE | RETAINING WALL | PROTECTED TREE |
| ROAD CARRIAGEWAY | CUT / FILL BATTER | GUARD RAIL FOR PROTECTED TREE/S |
| ROAD SHOULDERS AND WIDENINGS | EXISTING CONTOURS | PROPOSED CLEARING |
| | TELSTRA PIT, "8" TYPE | CLEARED AREA |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | |

NOT FOR CONSTRUCTION

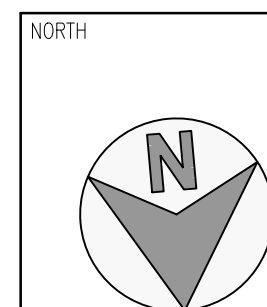
 N	SCALE SCALE 1:250 @ A1 SIZE 0 2.5 5 7.5 10 12.5 m Plot Date: 24 May, 2011 - 11:24am	 ELLA BAY Far North Queensland	 Projex North	ELLA BAY ROAD		
				ROAD LAYOUT (SHEET 12 OF 22)		
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD12	REVISION C			



LEGEND

- | | | | |
|--|---|--|---------------------------------|
| | NATIONAL PARK | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | VEGETATION BOUNDARY |
| | STATE LAND | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | PROPOSED CLEARING |
| | TABLE DRAIN | | CLEARED AREA |
| | VEGETATED SWALE | | |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

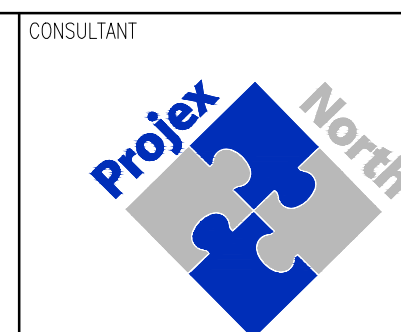
NOT FOR CONSTRUCTION



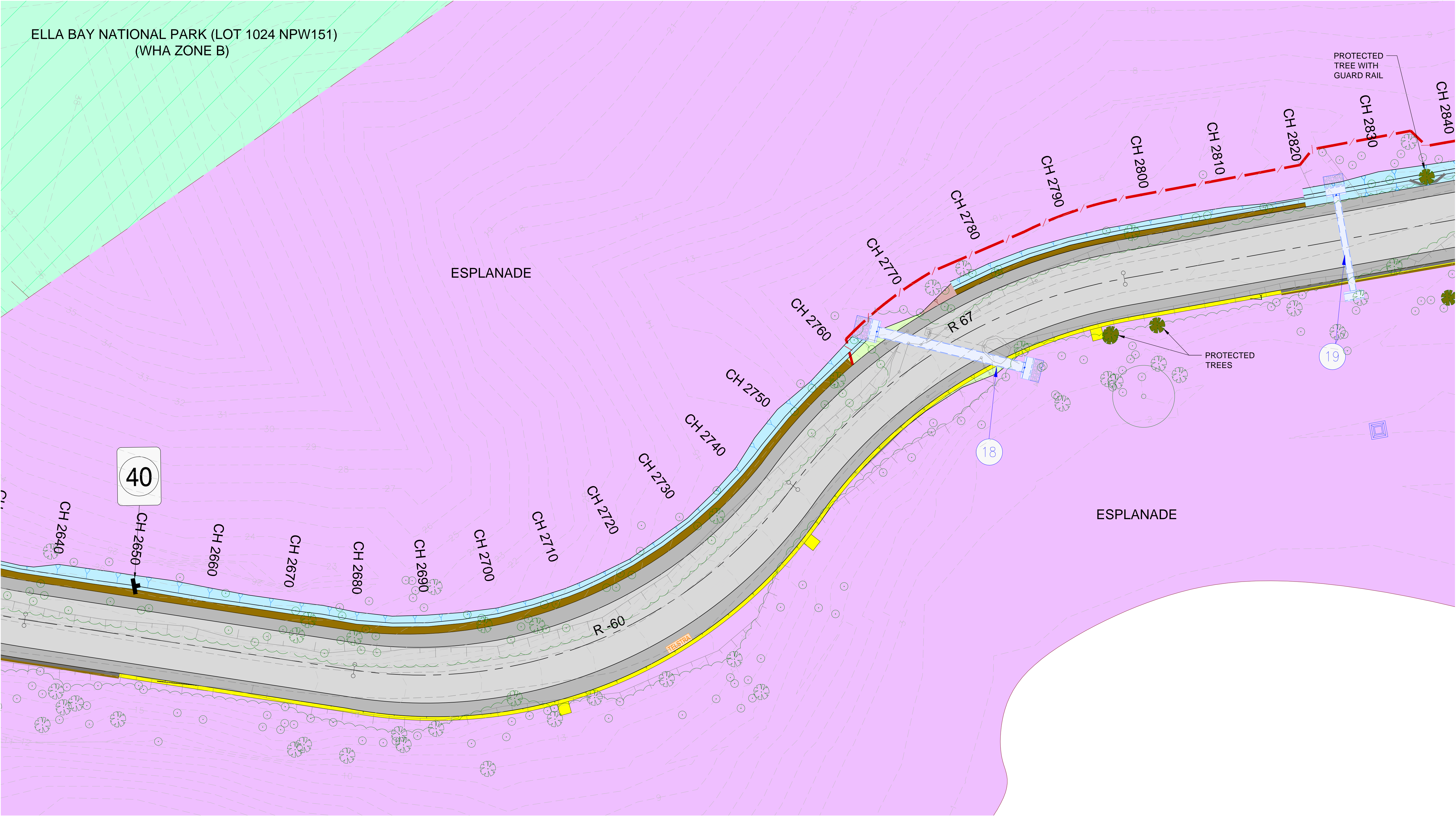
SCALE
SCALE 1:250
@ A1 SIZE
0 2.5 5 7.5 10 12.5 m
Plot Date: 24 May, 2011 - 11:24am

DEVELOPER

ELLA BAY
Far North Queensland



ELLA BAY ROAD				
ROAD LAYOUT (SHEET 13 OF 22)				
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD13	REVISION C	

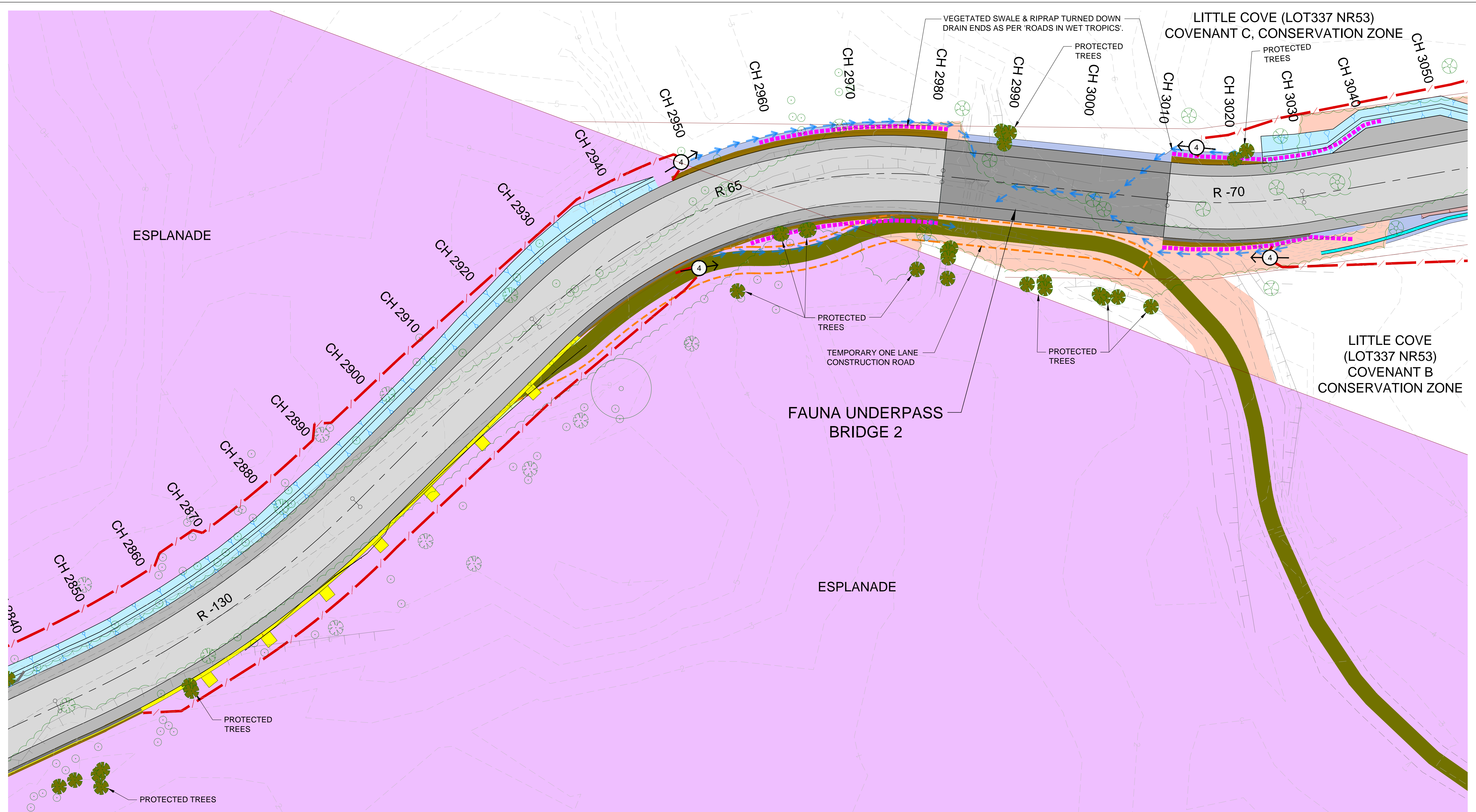


LEGEND

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|--|------------------------------|--|---|--|---------------------------------|
| | NATIONAL PARK | | TABLE DRAIN | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | VEGETATED SWALE | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | WSUD DRAIN | | VEGETATION BOUNDARY |
| | STATE LAND | | HOT MIX KERB | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | PROPOSED CLEARING |
| | | | TELSTRA PIT, "8" TYPE | | CLEARED AREA |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION

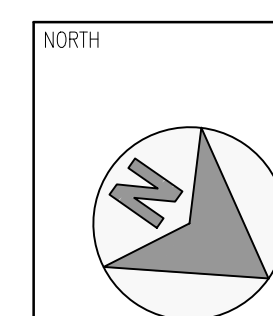
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	SCALE 1:250 @ A1 SIZE	 ELLA BAY Far North Queensland		ELLA BAY ROAD		
	0 2.5 5 7.5 10 12.5 m	Plot Date: 24 May, 2011 - 11:25am		ROAD LAYOUT (SHEET 15 OF 22)		
			SIZE	DATE	DRAWING NO.	REVISION
			A1	10/05/11	EBR1CE-DD15	C



LEGEND

- | | | | |
|--|---|--|---------------------------------|
| | NATIONAL PARK | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | VEGETATION BOUNDARY |
| | STATE LAND | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | PROPOSED CLEARING |
| | TABLE DRAIN | | CLEARED AREA |
| | VEGETATED SWALE | | |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

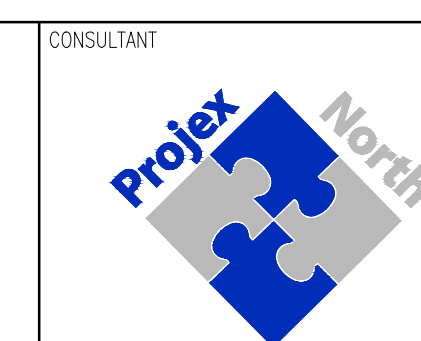
NOT FOR CONSTRUCTION



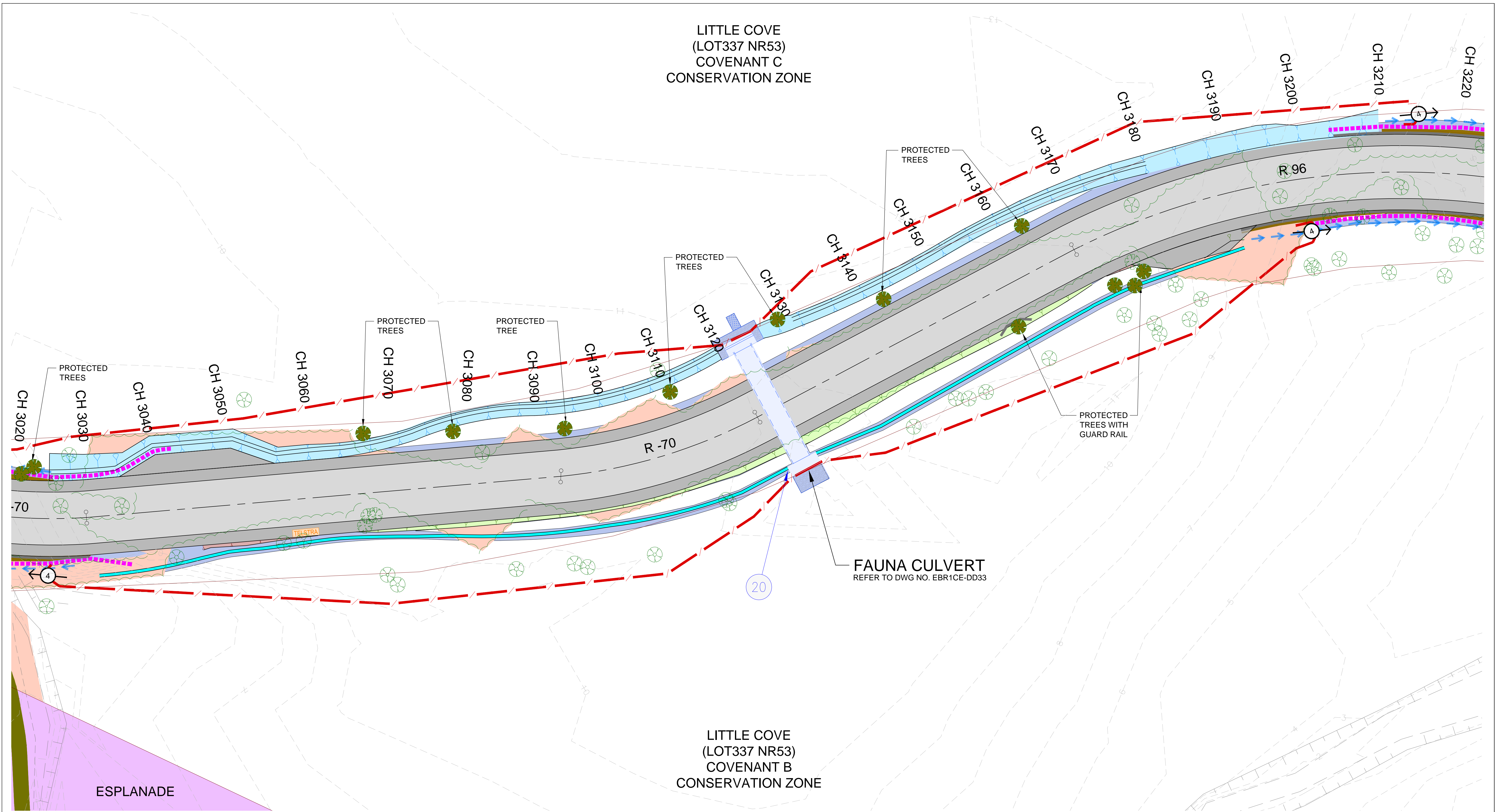
SCALE
SCALE 1:250
@ A1 SIZE
0 2.5 5 7.5 10 12.5 m
Plot Date: 24 May, 2011 - 11:25am

DEVELOPER

ELLA BAY
Far North Queensland



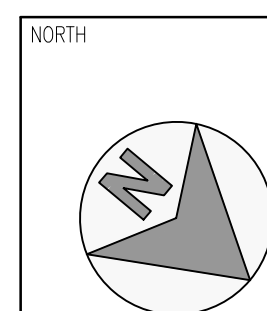
ELLA BAY ROAD			
ROAD LAYOUT (SHEET 16 OF 22)			
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD16	REVISION C



LEGEND

- | | | | |
|--|---|--|---------------------------------|
| | NATIONAL PARK | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | VEGETATION BOUNDARY |
| | STATE LAND | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | PROPOSED CLEARING |
| | TABLE DRAIN | | CLEARED AREA |
| | VEGETATED SWALE | | |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

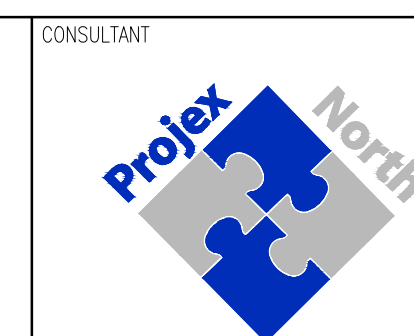
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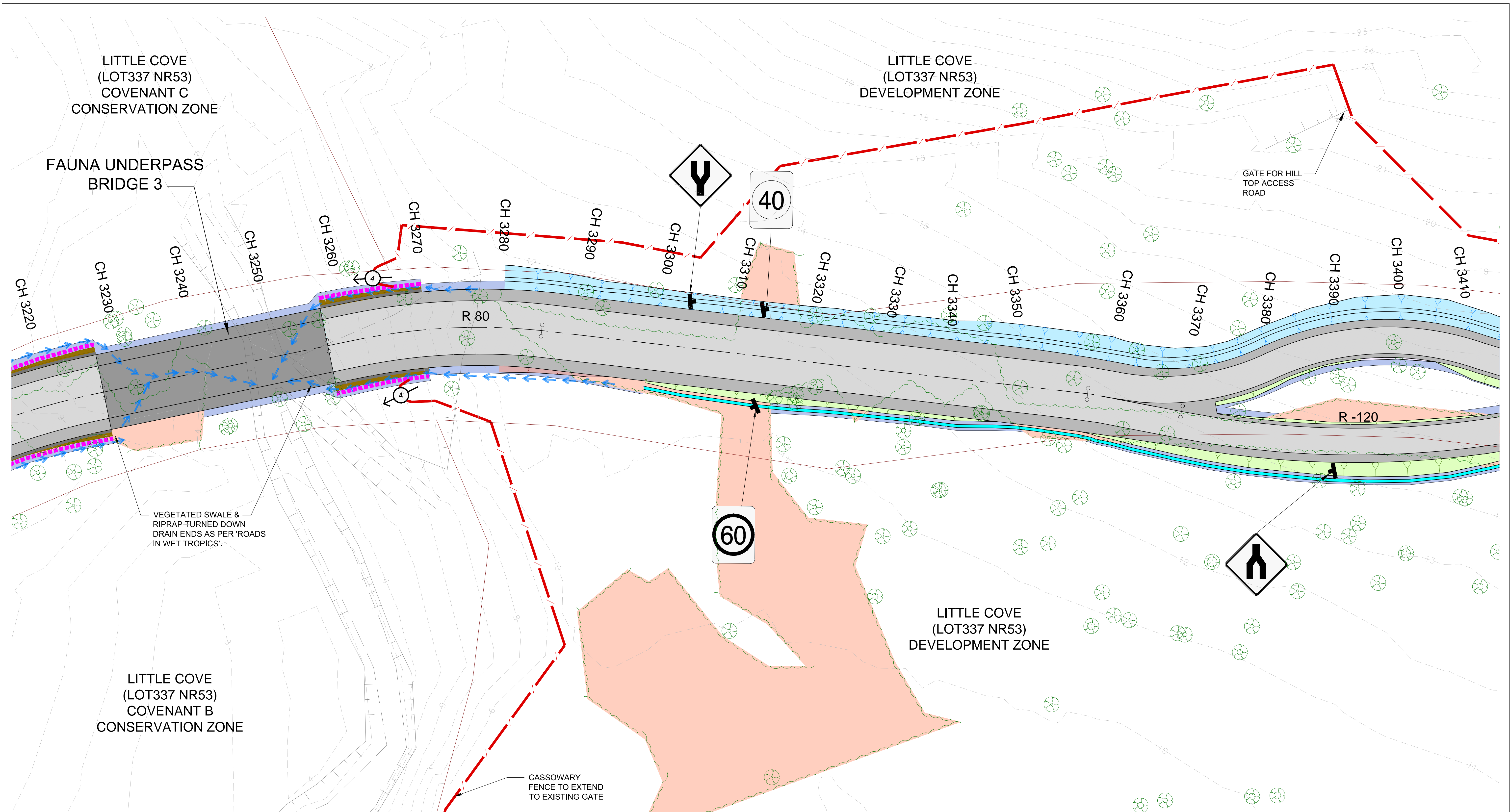
SCALE
SCALE 1:250
@ A1 SIZE
0 2.5 5 7.5 10 12.5 m
Plot Date: 24 May, 2011 - 11:25am

DEVELOPER

ELLA BAY
Far North Queensland



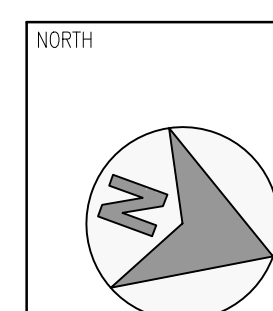
ELLA BAY ROAD			
ROAD LAYOUT (SHEET 17 OF 22)			
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD17	REVISION C



LEGEND

	NATIONAL PARK		TABLE DRAIN		CASSOWARY FENCE
	WORLD HERITAGE AREA ZONE B		VEGETATED SWALE		CASSOWARY EXIT TYPE
	WORLD HERITAGE AREA ZONE C		CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS)		FROG FENCE
	STATE ENVIRONMENTAL LAND		WSUD DRAIN		VEGETATION BOUNDARY
	STATE LAND		HOT MIX KERB		TREE
	LOCAL GOVERNMENT ESPLANADE		RETAINING WALL		PROTECTED TREE
	ROAD CARRIAGEWAY		CUT / FILL BATTER		GUARD RAIL FOR PROTECTED TREE/S
	ROAD SHOULDERS AND WIDENINGS		EXISTING CONTOURS		PROPOSED CLEARING
			TELSTRA PIT, "8" TYPE		CLEARED AREA
			TEMPORARY ONE LANE CONSTRUCTION ROAD		

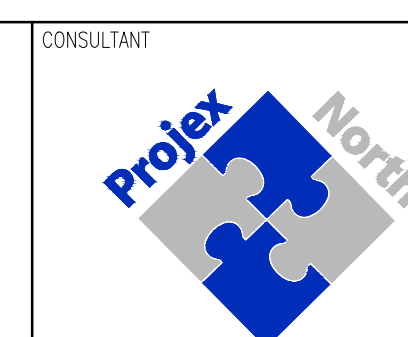
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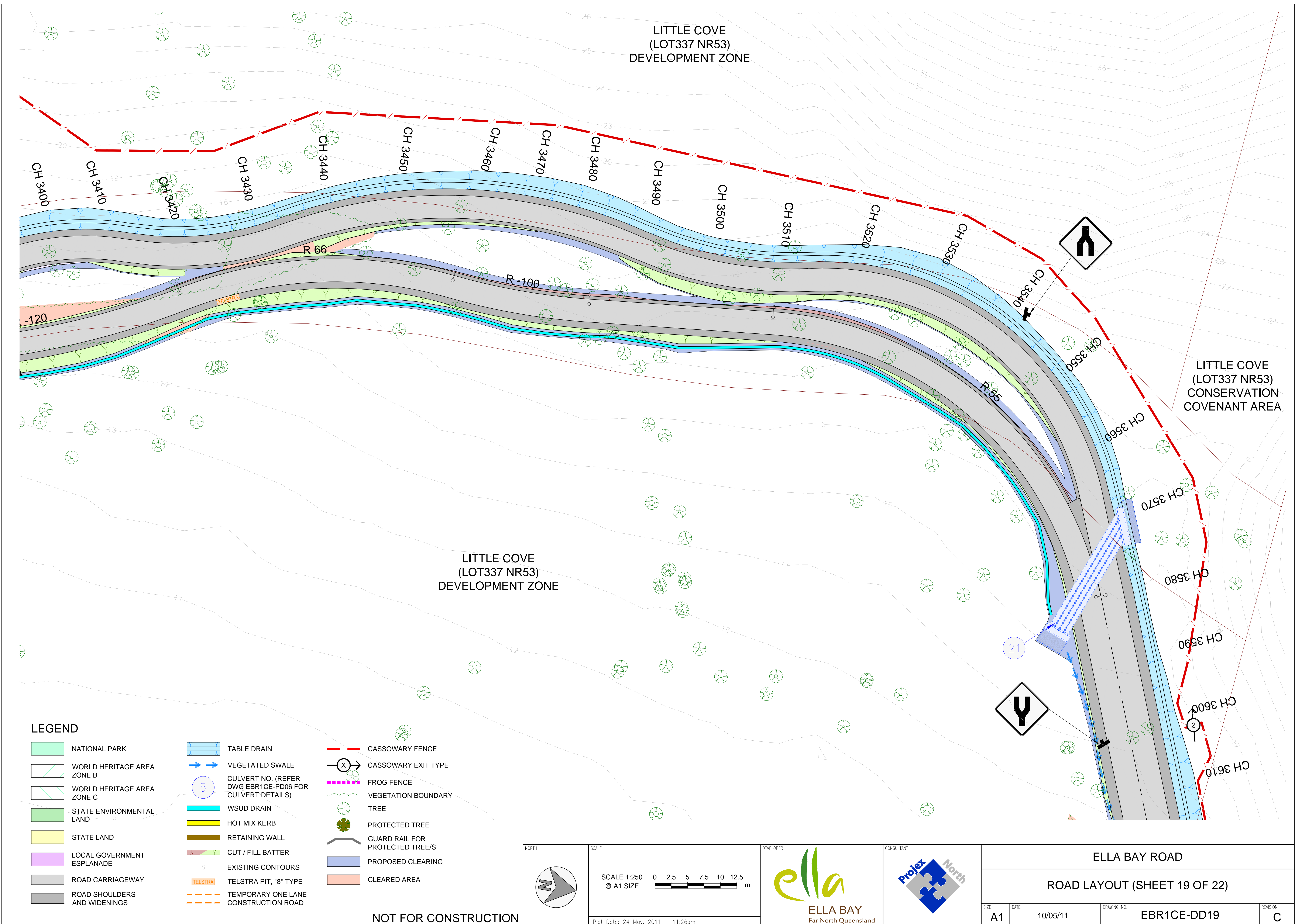
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SCALE 1:250 @ A1 SIZE	
Plot Date: 24 May, 2011 - 11:25am	

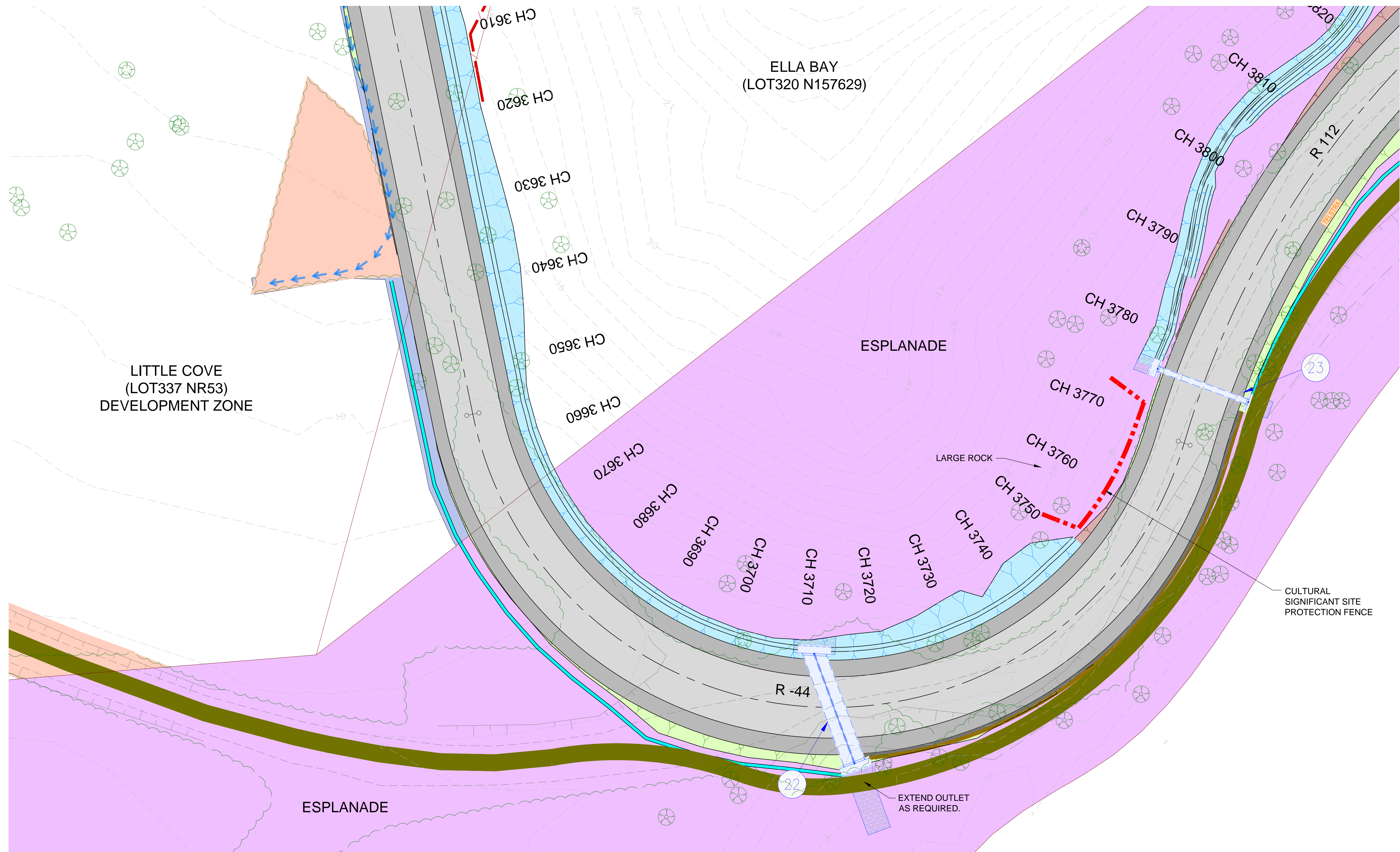
DEVELOPER

ELLA BAY
Far North Queensland



ELLA BAY ROAD			
ROAD LAYOUT (SHEET 18 OF 22)			
SIZE	DATE	DRAWING NO.	REVISION
A1	10/05/11	EBR1CE-DD18	C

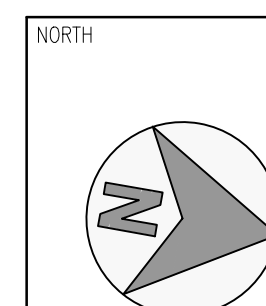




LEGEND

	NATIONAL PARK		TABLE DRAIN		CASSOWARY FENCE
	WORLD HERITAGE AREA ZONE B		VEGETATED SWALE		CASSOWARY EXIT TYPE
	WORLD HERITAGE AREA ZONE C		CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS)		FROG FENCE
	STATE ENVIRONMENTAL LAND		WSUD DRAIN		VEGETATION BOUNDARY
	STATE LAND		HOT MIX KERB		TREE
	LOCAL GOVERNMENT ESPLANADE		RETAINING WALL		PROTECTED TREE
	ROAD CARRIAGEWAY		CUT / FILL BATTER		GUARD RAIL FOR PROTECTED TREE/S
	ROAD SHOULDERS AND WIDENINGS		EXISTING CONTOURS		PROPOSED CLEARING
			TELSTRA PIT, "8" TYPE		CLEARED AREA
			TEMPORARY ONE LANE CONSTRUCTION ROAD		

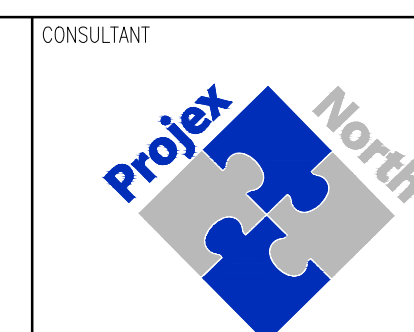
NOT FOR CONSTRUCTION



SCALE	0 2.5 5 7.5 10 12.5 m
SCALE 1:250 @ A1 SIZE	
Plot Date: 24 May, 2011 - 11:26am	

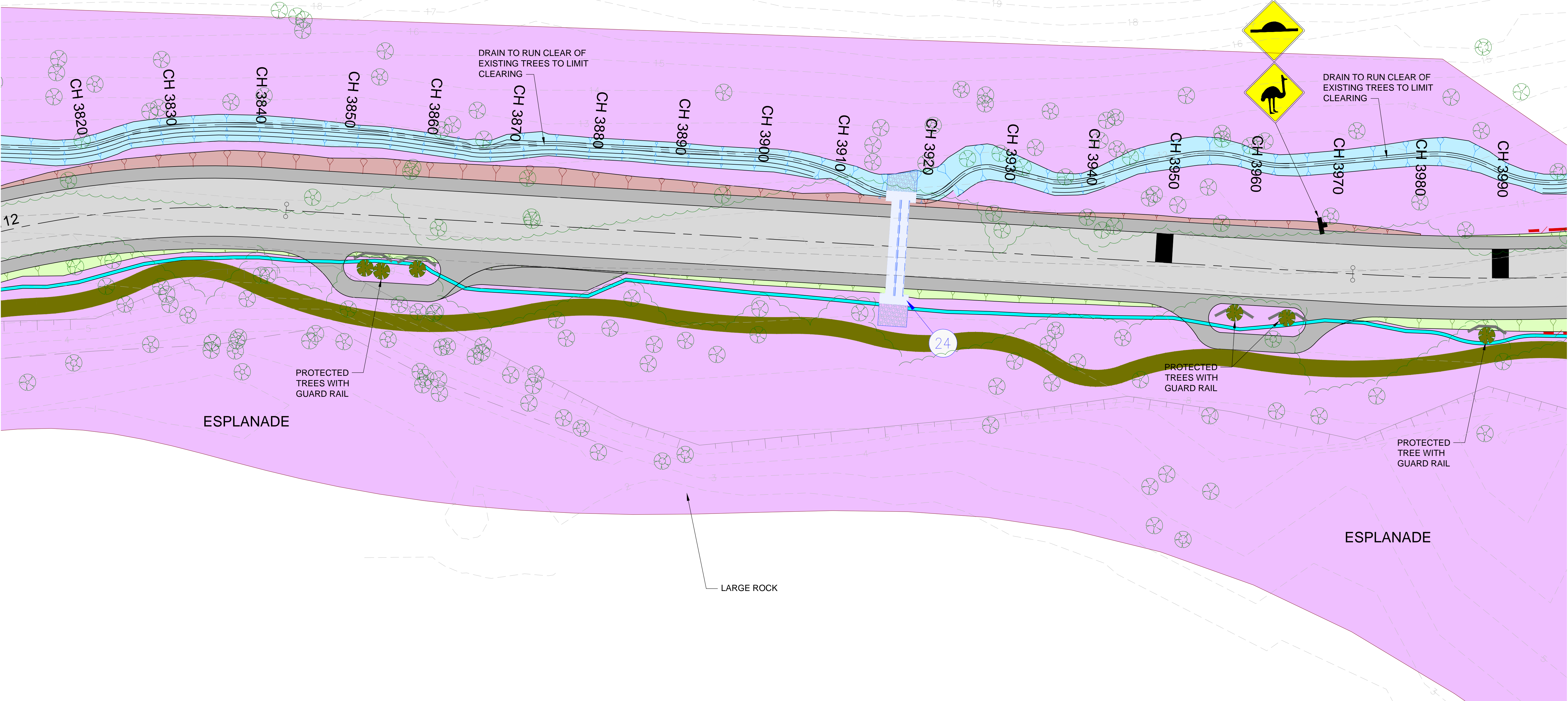
DEVELOPER

ELLA BAY
Far North Queensland



ELLA BAY ROAD				
ROAD LAYOUT (SHEET 20 OF 22)				
SIZE	DATE	DRAWING NO.	REVISION	
A1	10/05/11	EBR1CE-DD20	C	

ELLA BAY
(LOT320 N157629)



NATIONAL PARK

WORLD HERITAGE AREA ZONE B

WORLD HERITAGE AREA ZONE C

STATE ENVIRONMENTAL LAND

STATE LAND

LOCAL GOVERNMENT ESPLANADE

ROAD CARRIAGEWAY

ROAD SHOULDERS AND WIDENINGS

TABLE DRAIN

VEGETATED SWALE

5

CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS)

WSUD DRAIN

HOT MIX KERB

RETAINING WALL

CUT / FILL BATTER

EXISTING CONTOURS

TELSTRA

TELSTRA PIT, "8" TYPE

TEMPORARY ONE LANE CONSTRUCTION ROAD

CASSOWARY FENCE

CASSOWARY EXIT TYPE

FROG FENCE

VEGETATION BOUNDARY

TREE

PROTECTED TREE

GUARD RAIL FOR PROTECTED TREE/S

PROPOSED CLEARING

CLEARED AREA

NORTH

SCALE

SCALE 1:250 @ A1 SIZE

0 2.5 5 7.5 10 12.5 m

DEVELOPER

ella

ELLA BAY

Far North Queensland

CONSULTANT

Projex North

ELLA BAY ROAD

ROAD LAYOUT (SHEET 21 OF 22)

SIZE

A1

DATE

10/05/11

DRAWING NO.

EBR1CE-DD21

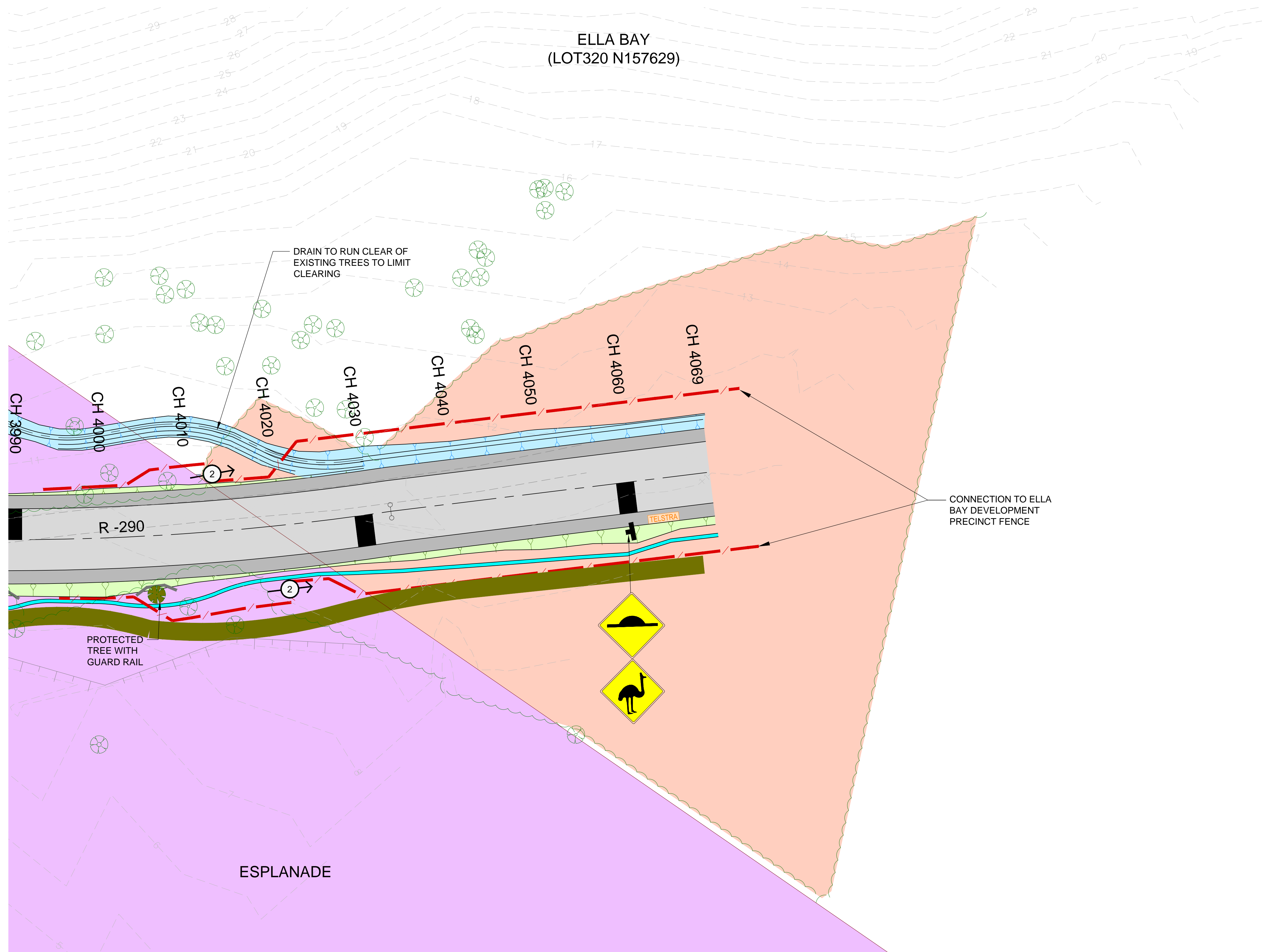
REVISION

C

NOT FOR CONSTRUCTION

Plot Date: 24 May, 2011 - 11:26am

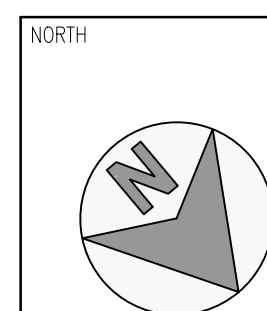
ELLA BAY
(LOT320 N157629)



LEGEND

- | | | | | | |
|--|------------------------------|--|---|--|---------------------------------|
| | NATIONAL PARK | | TABLE DRAIN | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | VEGETATED SWALE | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | WSUD DRAIN | | VEGETATION BOUNDARY |
| | STATE LAND | | HOT MIX KERB | | TREE |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | PROTECTED TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | GUARD RAIL FOR PROTECTED TREE/S |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | PROPOSED CLEARING |
| | | | TELSTRA PIT, "8" TYPE | | CLEARED AREA |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

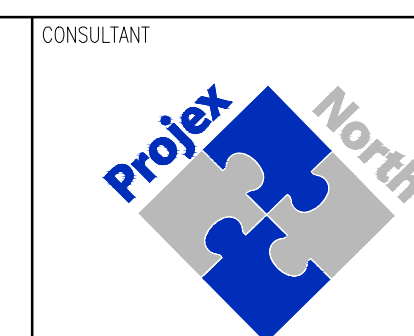
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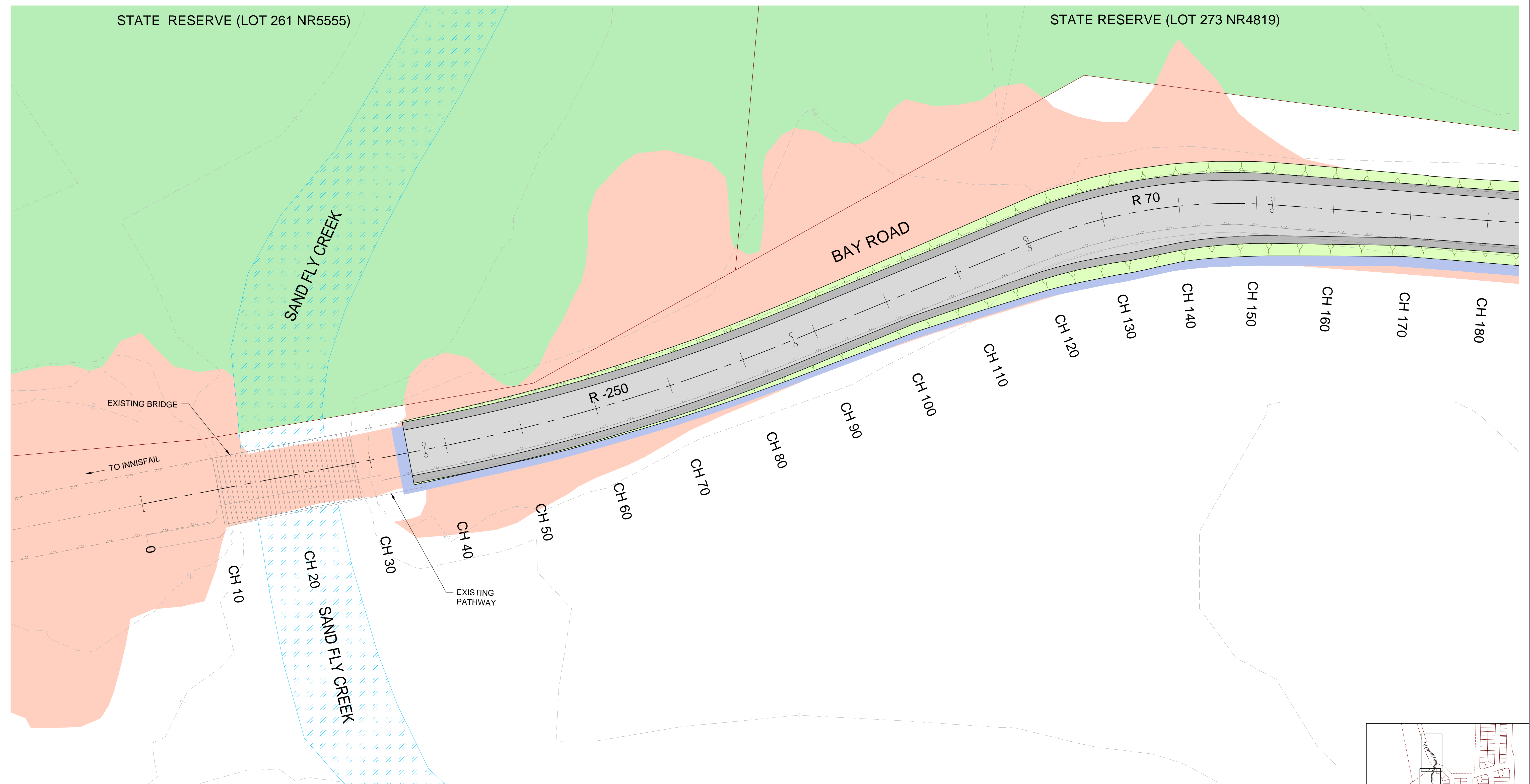
SCALE
SCALE 1:250
@ A1 SIZE
0 2.5 5 7.5 10 12.5 m
Plot Date: 24 May, 2011 - 11:26am

DEVELOPER

ELLA BAY
Far North Queensland



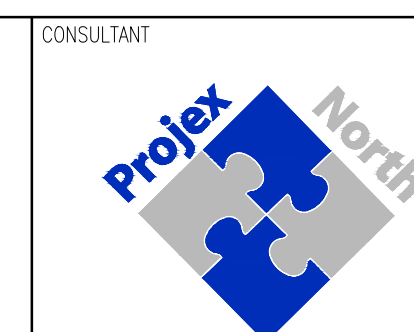
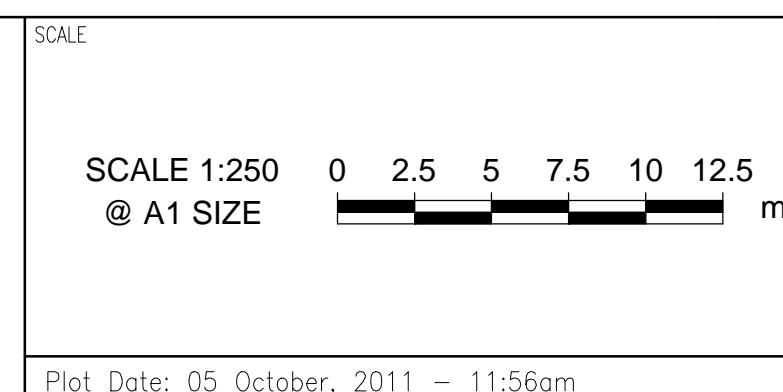
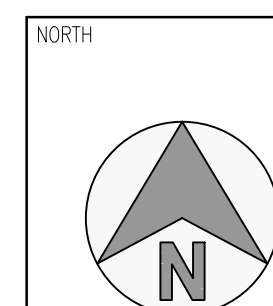
ELLA BAY ROAD			
ROAD LAYOUT (SHEET 22 OF 22)			
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD22	REVISION C



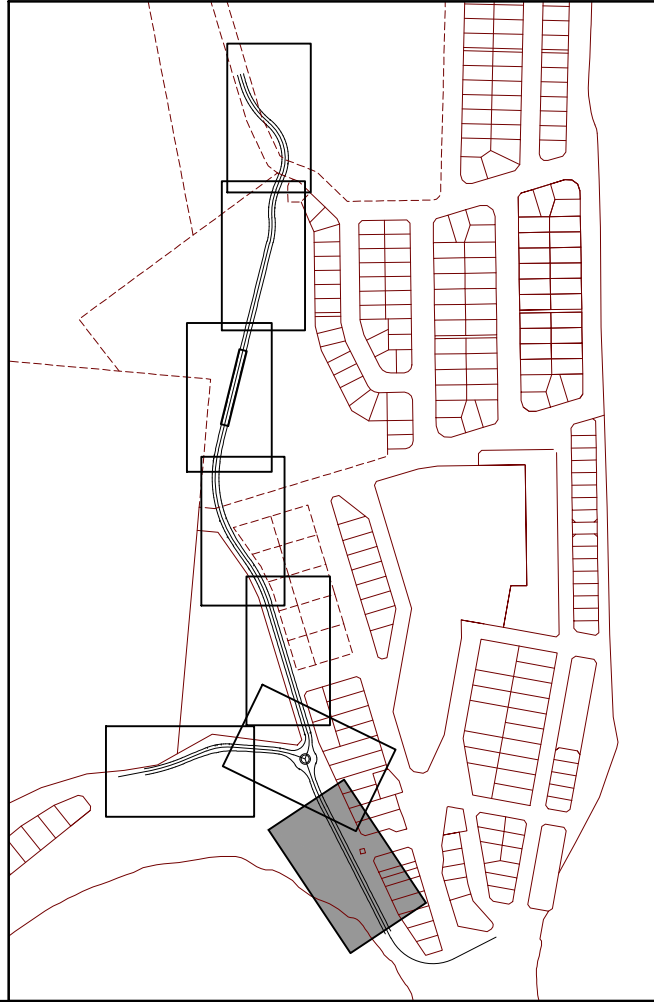
LEGEND

- | | | | |
|--|---|--|---------------------------------|
| | NATIONAL PARK | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | NOISE ATTENUATION FENCE |
| | STATE LAND | | VEGETATION BOUNDARY |
| | LOCAL GOVERNMENT ESPLANADE | | TREE |
| | ROAD CARRIAGEWAY | | PROTECTED TREE |
| | ROAD SHOULDERS AND WIDENINGS | | GUARD RAIL FOR PROTECTED TREE/S |
| | TABLE DRAIN | | PROPOSED CLEARING |
| | VEGETATED SWALE | | CLEARED AREA |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION



ELLA BAY ROAD			
STAGE 2 - BAY ROAD LAYOUT (SHEET 1 OF 8)			
SIZE	DATE	DRAWING NO.	REVISION
A1	05/10/11	EBR2CE-DD01	D

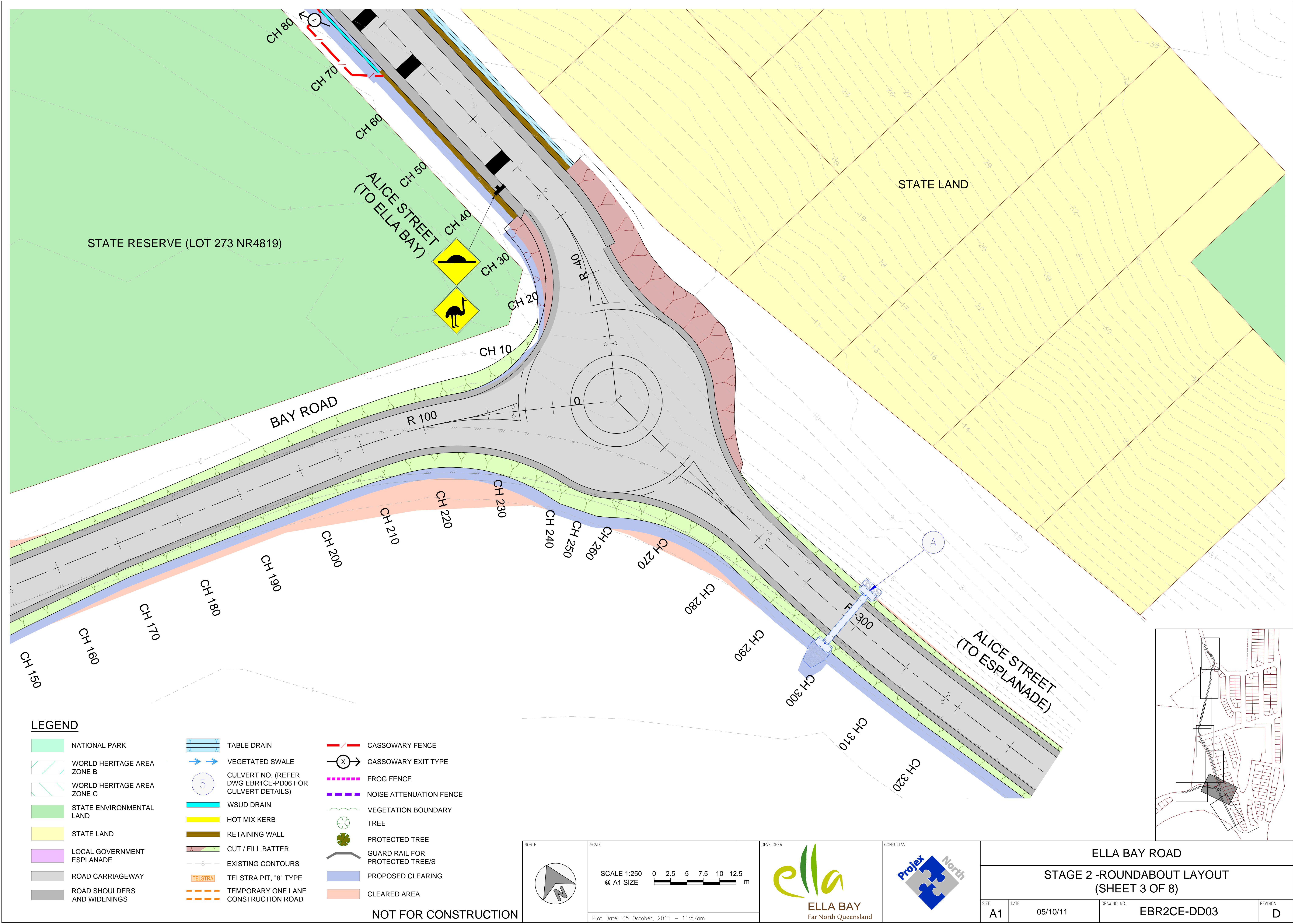


LEGEND

- NATIONAL PARK
- WORLD HERITAGE AREA ZONE B
- WORLD HERITAGE AREA ZONE C
- STATE ENVIRONMENTAL LAND
- STATE LAND
- LOCAL GOVERNMENT ESPLANADE
- ROAD CARRIAGEWAY
- ROAD SHOULDERS AND WIDENINGS
- TABLE DRAIN
- VEGETATED SWALE
- CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS)
- WSUD DRAIN
- HOT MIX KERB
- RETAINING WALL
- CUT / FILL BATTER
- EXISTING CONTOURS
- TELSTRA PIT, "8" TYPE
- TEMPORARY ONE LANE CONSTRUCTION ROAD
- CASSOWARY FENCE
- CASSOWARY EXIT TYPE
- FROG FENCE
- NOISE ATTENUATION FENCE
- VEGETATION BOUNDARY
- TREE
- PROTECTED TREE
- GUARD RAIL FOR PROTECTED TREE/S
- PROPOSED CLEARING
- CLEARED AREA

NOT FOR CONSTRUCTION

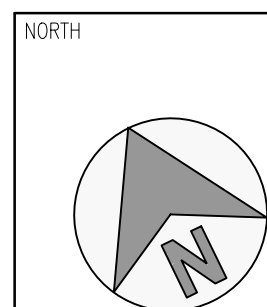
	SCALE	DEVELOPER	CONSULTANT	
	SCALE 1:250 @ A1 SIZE 0 2.5 5 7.5 10 12.5 m	 ELLA BAY Far North Queensland		
	Plot Date: 05 October, 2011 - 11:57am			
ELLA BAY ROAD				
STAGE 2 - ALICE STREET LAYOUT (SHEET 2 OF 8)				
SIZE A1	DATE 05/10/11	DRAWING NO. EBR2CE-DD02	REVISION D	



LEGEND

- | | | | |
|--|---|--|---------------------------------|
| | NATIONAL PARK | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | NOISE ATTENUATION FENCE |
| | STATE LAND | | VEGETATION BOUNDARY |
| | LOCAL GOVERNMENT ESPLANADE | | TREE |
| | ROAD CARRIAGEWAY | | PROTECTED TREE |
| | ROAD SHOULDERS AND WIDENINGS | | GUARD RAIL FOR PROTECTED TREE/S |
| | TABLE DRAIN | | PROPOSED CLEARING |
| | VEGETATED SWALE | | CLEARED AREA |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

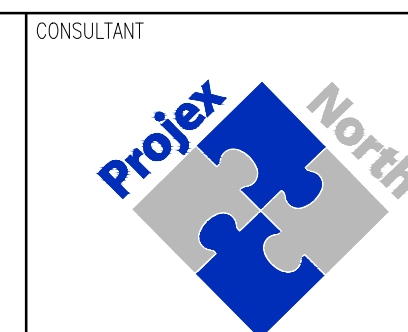
NOT FOR CONSTRUCTION



SCALE
SCALE 1:250
@ A1 SIZE
0 2.5 5 7.5 10 12.5 m
Plot Date: 05 October, 2011 - 11:57am

DEVELOPER

ELLA BAY
Far North Queensland



ELLA BAY ROAD			
STAGE 2 - ROUNDABOUT LAYOUT (SHEET 3 OF 8)			
SIZE A1	DATE 05/10/11	DRAWING NO. EBR2CE-DD03	REVISION D

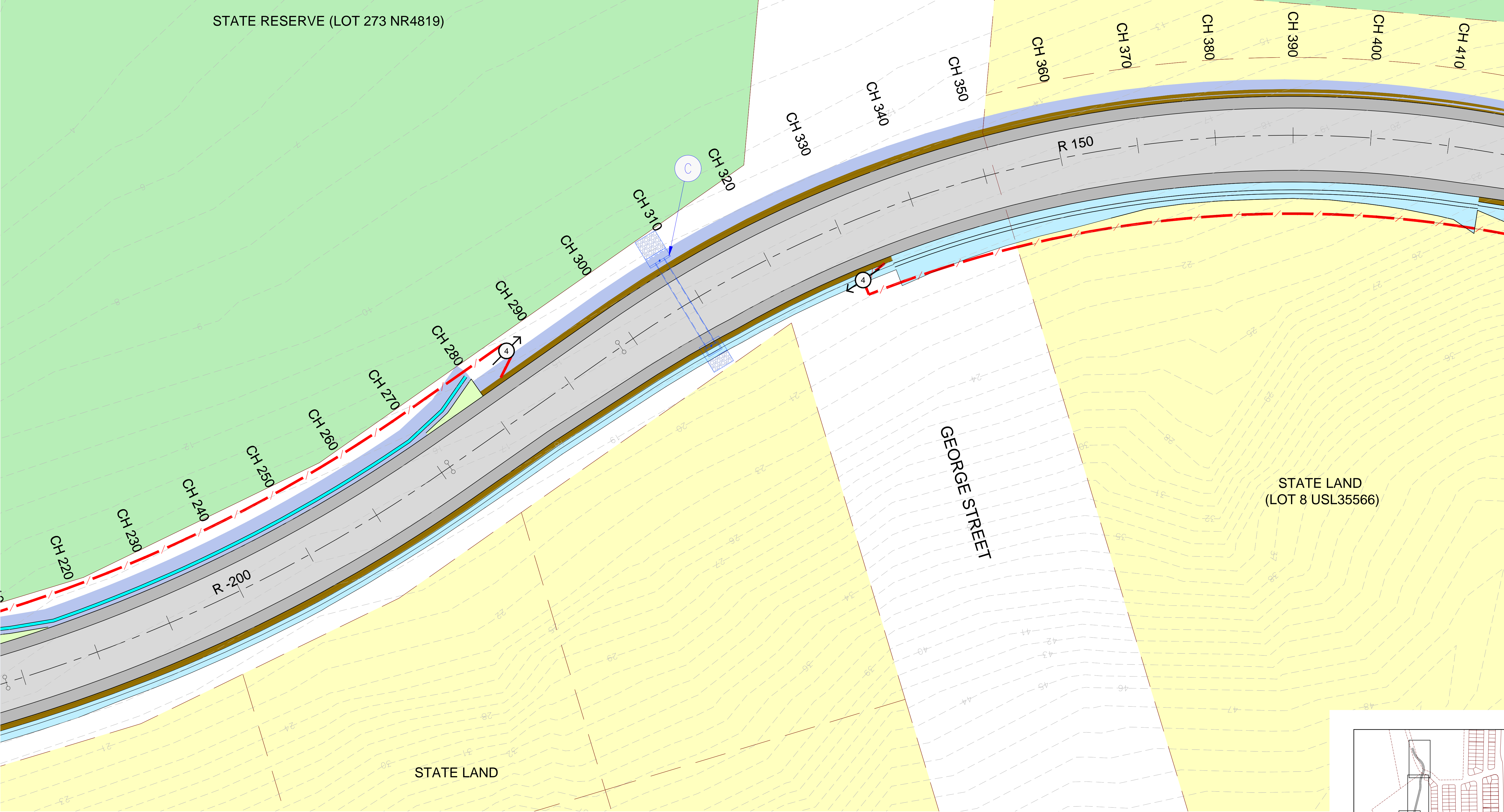


LEGEND

- | | | | |
|--|---|--|---------------------------------|
| | NATIONAL PARK | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | NOISE ATTENUATION FENCE |
| | STATE LAND | | VEGETATION BOUNDARY |
| | LOCAL GOVERNMENT ESPLANADE | | TREE |
| | ROAD CARRIAGEWAY | | PROTECTED TREE |
| | ROAD SHOULDERS AND WIDENINGS | | GUARD RAIL FOR PROTECTED TREE/S |
| | TABLE DRAIN | | PROPOSED CLEARING |
| | VEGETATED SWALE | | CLEARED AREA |
| | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | |
| | WSUD DRAIN | | |
| | HOT MIX KERB | | |
| | RETAINING WALL | | |
| | CUT / FILL BATTER | | |
| | EXISTING CONTOURS | | |
| | TELSTRA PIT, "8" TYPE | | |
| | TEMPORARY ONE LANE CONSTRUCTION ROAD | | |

NOT FOR CONSTRUCTION

	<p>SCALE</p> <p>SCALE 1:250 @ A1 SIZE</p> <p>0 2.5 5 7.5 10 12.5 m</p> <p>Plot Date: 05 October, 2011 - 11:57am</p>	<p>DEVELOPER</p> <p>ELLA BAY Far North Queensland</p>	<p>CONSULTANT</p>	<p>ELLA BAY ROAD</p> <p>STAGE 2 - ROAD LAYOUT (SHEET 4 OF 8)</p> <table><tbody><tr><td>SIZE</td><td>DATE</td><td>DRAWING NO.</td><td>REVISION</td></tr><tr><td>A1</td><td>05/10/11</td><td>EBR2CE-DD04</td><td>D</td></tr></tbody></table>	SIZE	DATE	DRAWING NO.	REVISION	A1	05/10/11	EBR2CE-DD04	D
SIZE	DATE	DRAWING NO.	REVISION									
A1	05/10/11	EBR2CE-DD04	D									

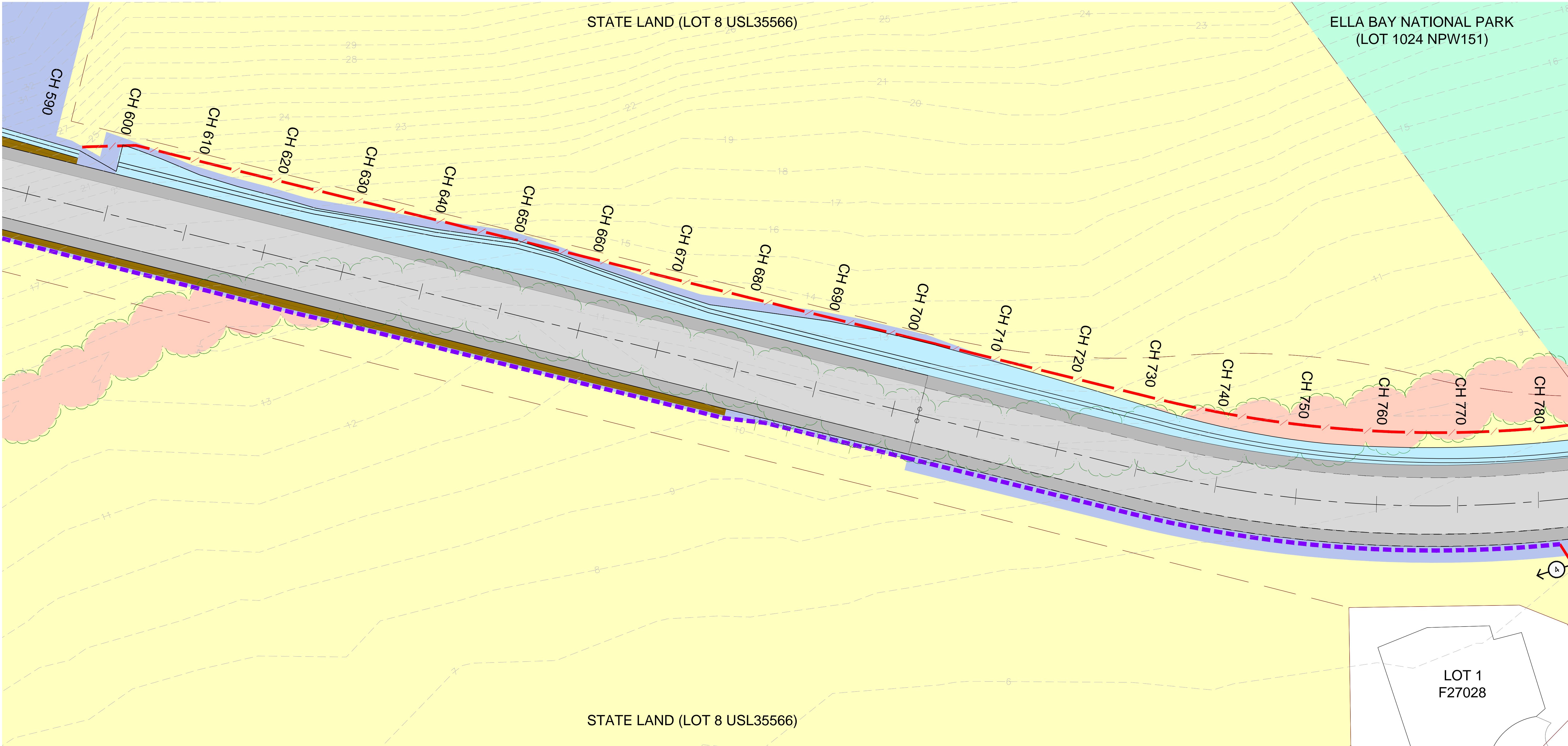


LEGEND

- | | | | | | |
|--|------------------------------|--|---|--|---------------------------------|
| | NATIONAL PARK | | TABLE DRAIN | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | VEGETATED SWALE | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | WSUD DRAIN | | NOISE ATTENUATION FENCE |
| | STATE LAND | | HOT MIX KERB | | VEGETATION BOUNDARY |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | PROTECTED TREE |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | GUARD RAIL FOR PROTECTED TREE/S |
| | | | TELSTRA PIT, "8" TYPE | | PROPOSED CLEARING |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | CLEARED AREA |

NOT FOR CONSTRUCTION

	SCALE				ELLA BAY ROAD			
	SCALE 1:250 @ A1 SIZE				STAGE 2 - ROAD LAYOUT (SHEET 5 OF 8)			
Plot Date: 05 October, 2011 - 11:57am		ELLER BAY Far North Queensland		CONSULTANT	SIZE A1	DATE 05/10/11	DRAWING NO. EBR2CE-DD05	REVISION D



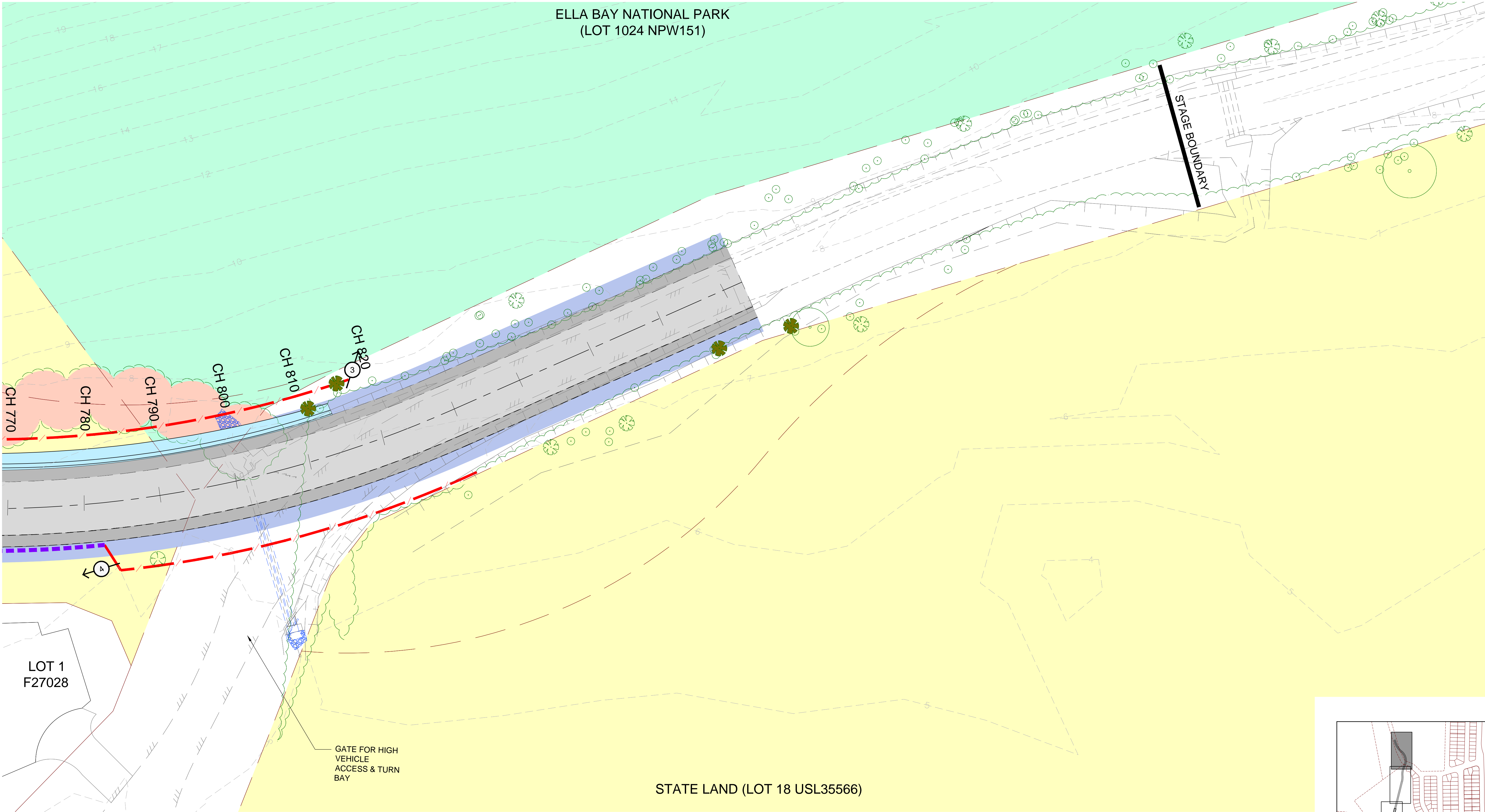
LEGEND

- | | | | | | |
|--|------------------------------|--|---|--|---------------------------------|
| | NATIONAL PARK | | TABLE DRAIN | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | VEGETATED SWALE | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | WSUD DRAIN | | NOISE ATTENUATION FENCE |
| | STATE LAND | | HOT MIX KERB | | VEGETATION BOUNDARY |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | PROTECTED TREE |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | GUARD RAIL FOR PROTECTED TREE/S |
| | | | TELSTRA PIT, "8" TYPE | | PROPOSED CLEARING |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | CLEARED AREA |

NOT FOR CONSTRUCTION

	SCALE SCALE 1:250 @ A1 SIZE 0 2.5 5 7.5 10 12.5 m Plot Date: 05 October, 2011 - 11:58am	 ELLA BAY Far North Queensland		ELLA BAY ROAD			
				STAGE 2 - ROAD LAYOUT (SHEET 7 OF 8)			
SIZE A1	DATE 05/10/11	DRAWING NO. EBR2CE-DD07	REVISION D				

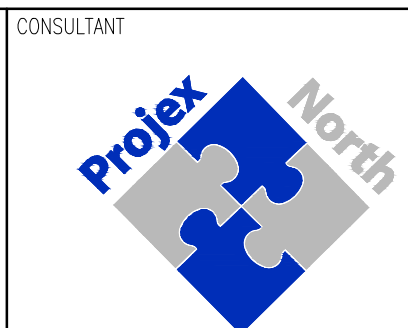
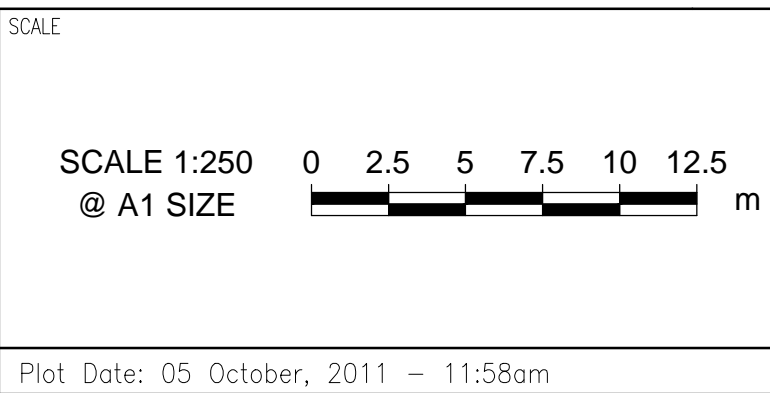
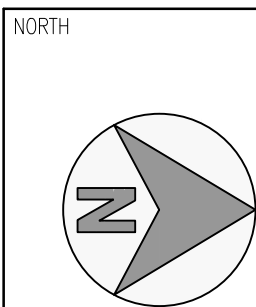
ELLA BAY NATIONAL PARK
(LOT 1024 NPW151)



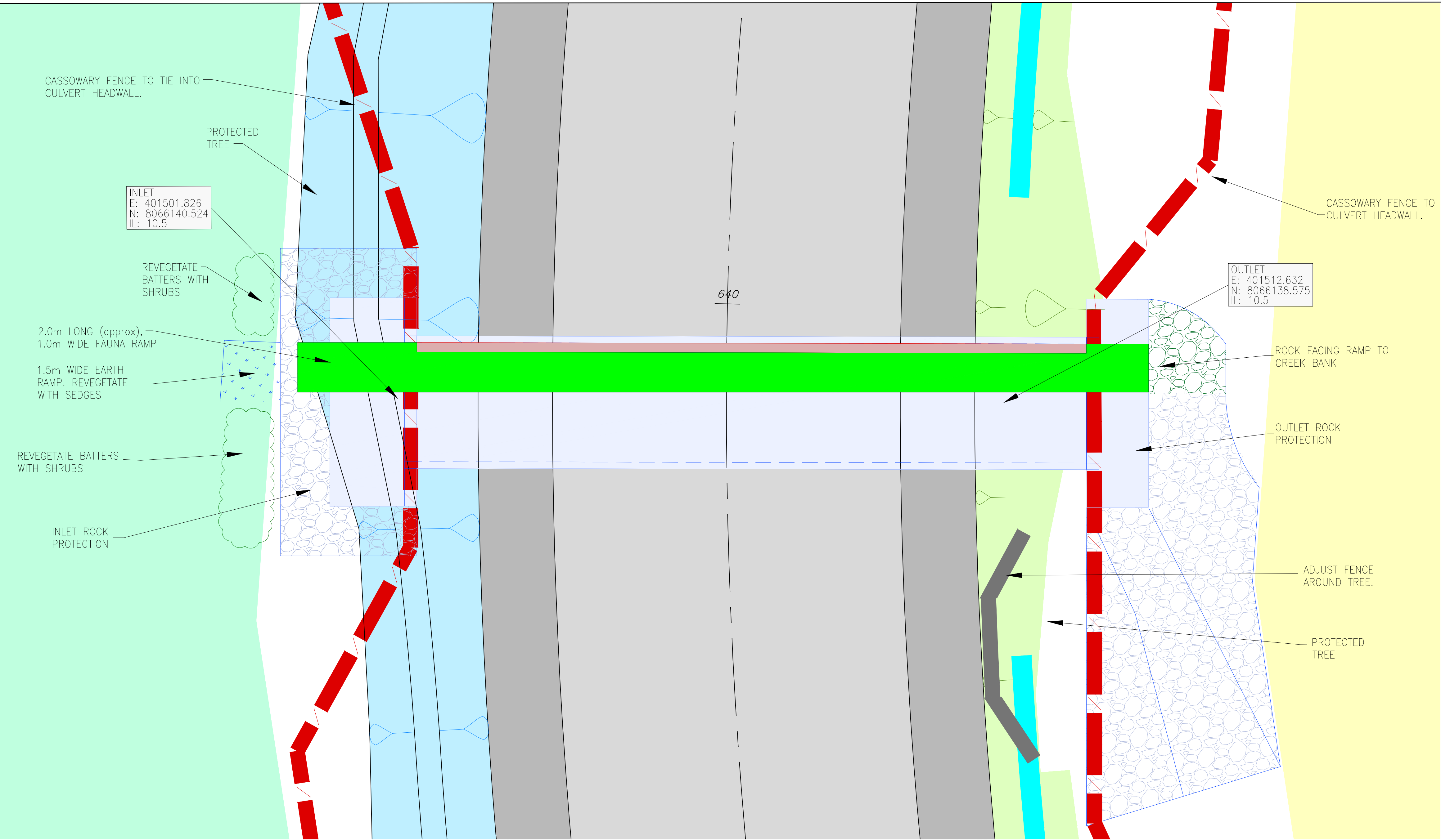
LEGEND

- | | | | | | |
|--|------------------------------|--|---|--|---------------------------------|
| | NATIONAL PARK | | TABLE DRAIN | | CASSOWARY FENCE |
| | WORLD HERITAGE AREA ZONE B | | VEGETATED SWALE | | CASSOWARY EXIT TYPE |
| | WORLD HERITAGE AREA ZONE C | | CULVERT NO. (REFER DWG EBR1CE-PD06 FOR CULVERT DETAILS) | | FROG FENCE |
| | STATE ENVIRONMENTAL LAND | | WSUD DRAIN | | NOISE ATTENUATION FENCE |
| | STATE LAND | | HOT MIX KERB | | VEGETATION BOUNDARY |
| | LOCAL GOVERNMENT ESPLANADE | | RETAINING WALL | | TREE |
| | ROAD CARRIAGEWAY | | CUT / FILL BATTER | | PROTECTED TREE |
| | ROAD SHOULDERS AND WIDENINGS | | EXISTING CONTOURS | | GUARD RAIL FOR PROTECTED TREE/S |
| | | | TELSTRA PIT, "8" TYPE | | PROPOSED CLEARING |
| | | | TEMPORARY ONE LANE CONSTRUCTION ROAD | | CLEARED AREA |

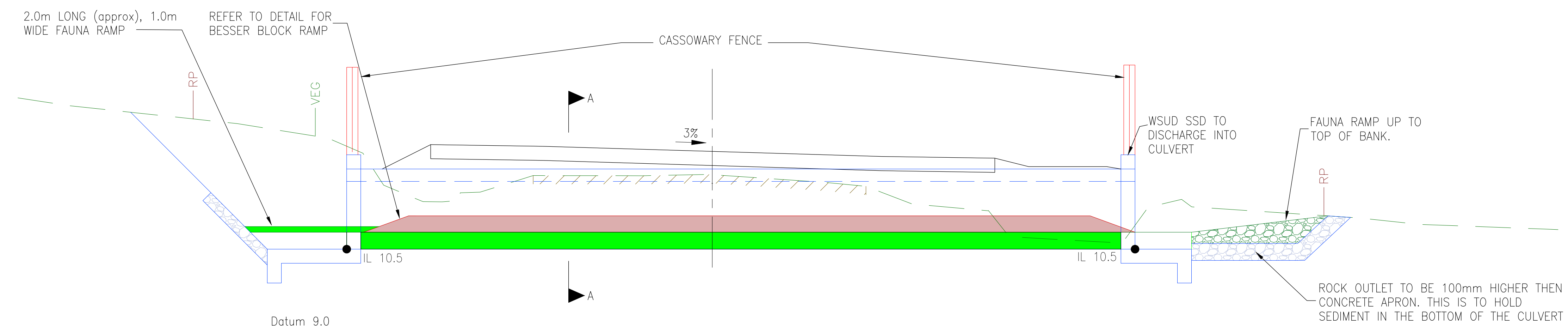
NOT FOR CONSTRUCTION



ELLA BAY ROAD				
STAGE 2 - ROAD LAYOUT (SHEET 8 OF 8)				
SIZE	DATE	DRAWING NO.	REVISION	
A1	05/10/11	EBR2CE-DD08	D	



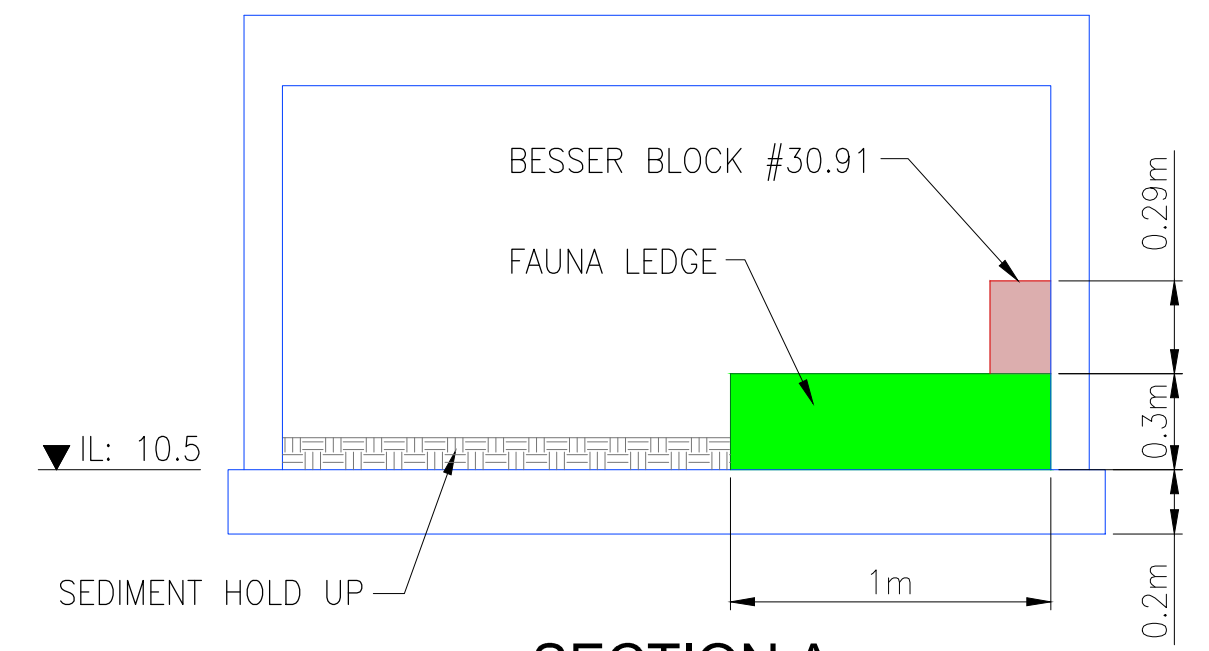
PLAN VIEW
SCALE 1:50



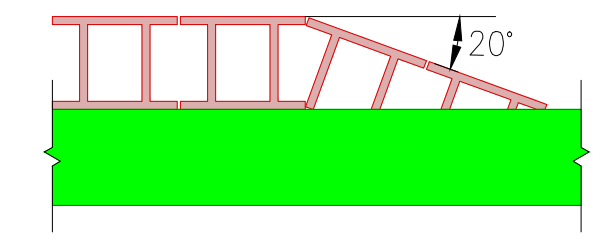
CULVERT 3 - CH 638
SCALE 1:50
1/2400 X 1200 RBC
LENGTH: 10.98m
GRADE: 0%

LEGEND

- RP PROPERTY BOUNDARY
- VEGETATION LINE
- CASSOWARY FENCE
- FROG FENCE
- FAUNA LEDGE
- BESSER BLOCK RAMP
- WSUD



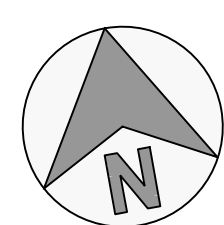


SECTION A
SCALE 1:25

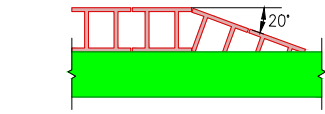
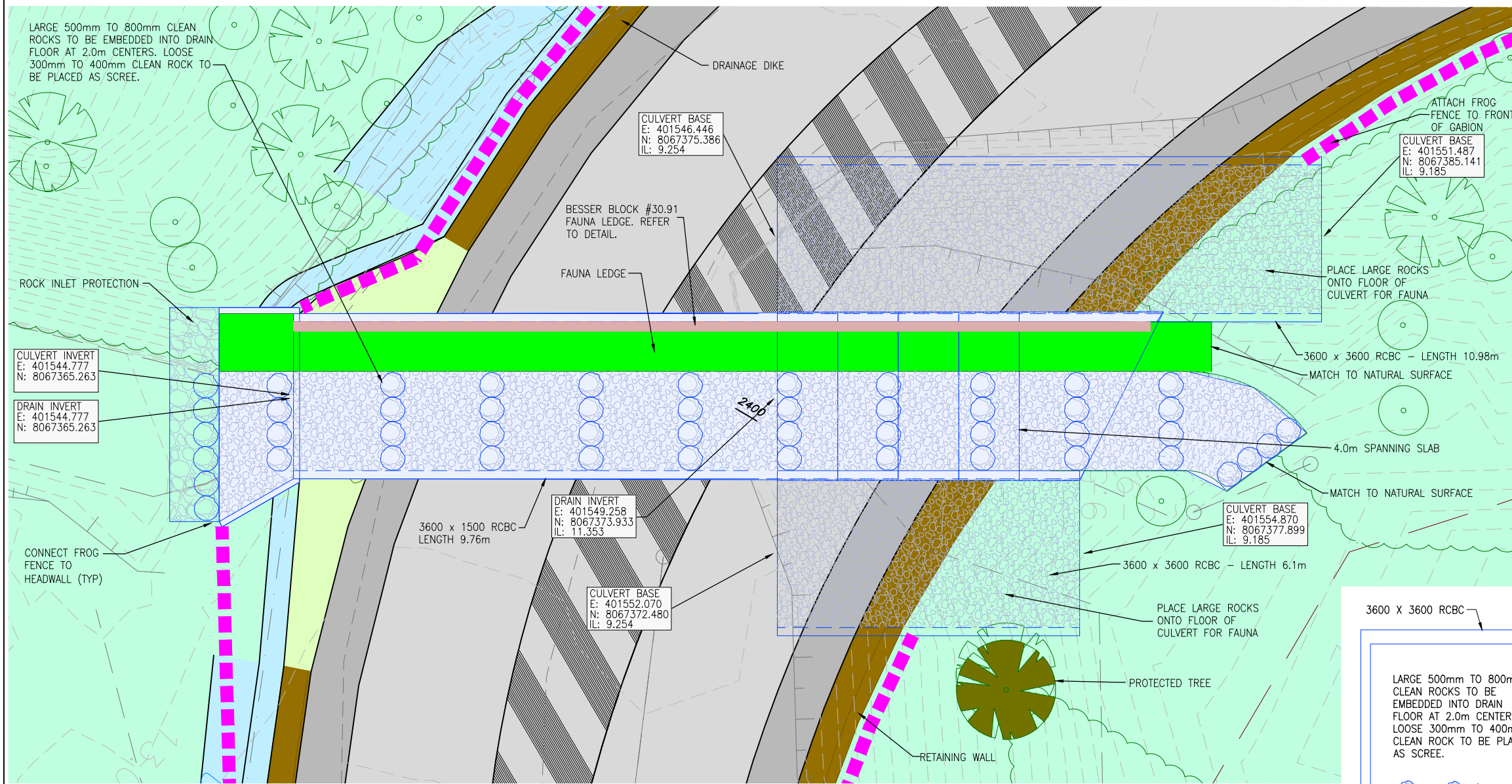


#30.91 BESSER BLOCK RAMP
SCALE 1:25

NOTE: BESSER BLOCKS #30.91 TO BE PLACED WITH FLAT DOWN AND GROUTED IN POSITION, RAMP TO BE MADE FROM CUT BLOCKS.

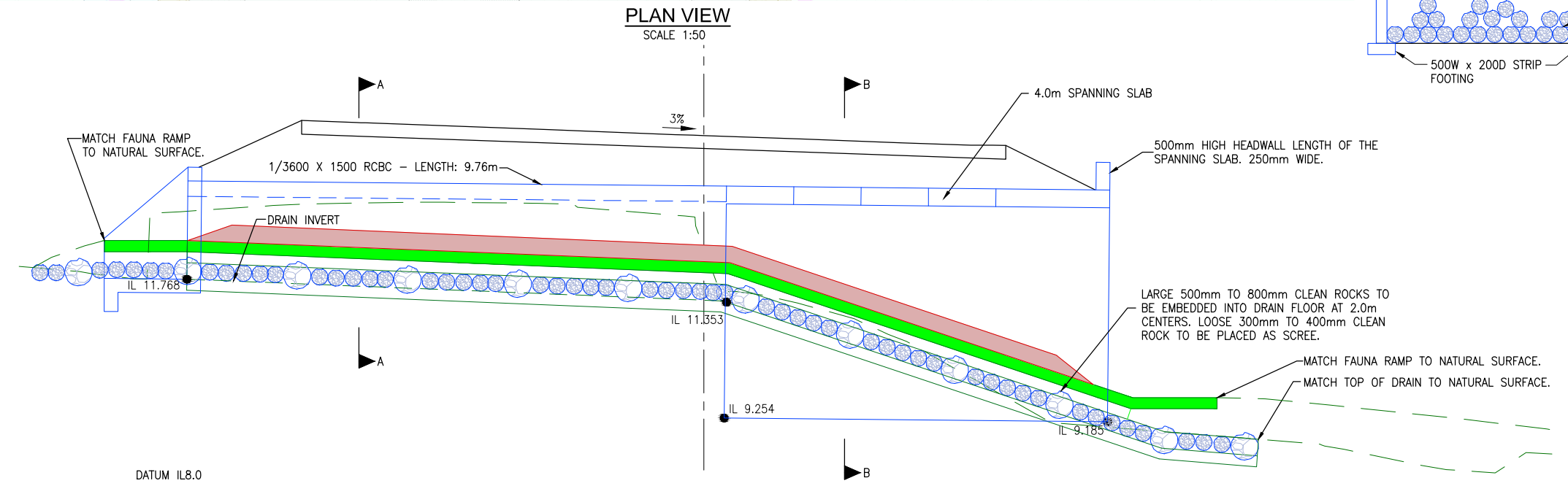
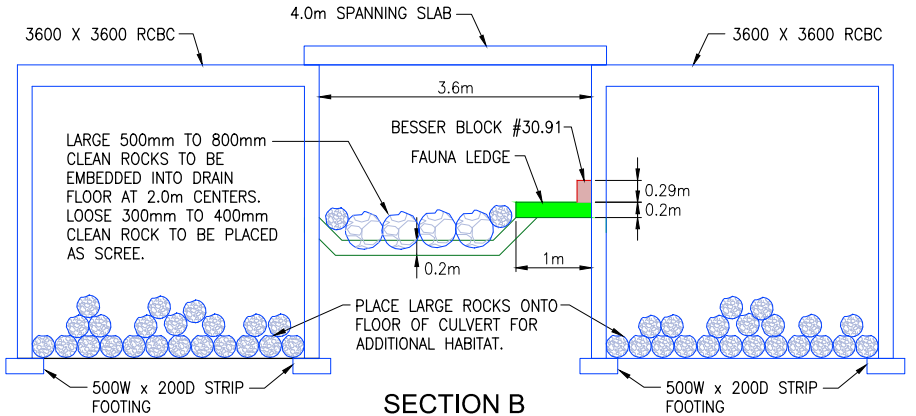
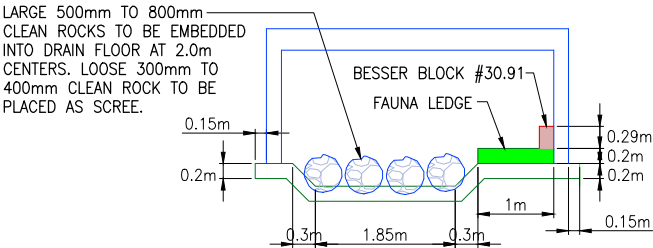
NOT FOR CONSTRUCTION

	SCALE SCALE 1:50 @ A1 SIZE 0 .5 1.0 1.5 2.0 2.5 m Plot Date: 24 May, 2011 - 12:40pm	 ELLA BAY Far North Queensland		ELLA BAY ROAD			
				FAUNA CULVERT 3 DESIGN			
SIZE A1		DATE 10/05/11		DRAWING NO. EBR1CE-DD30		REVISION C	



#30.91 BESSER BLOCK RAMP
SCALE 1:25

NOTE: BESSER BLOCKS #30.91 TO BE PLACED WITH FLAT DOWN AND GROUTED IN POSITION, RAMP TO BE MADE FROM CUT BLOCKS.

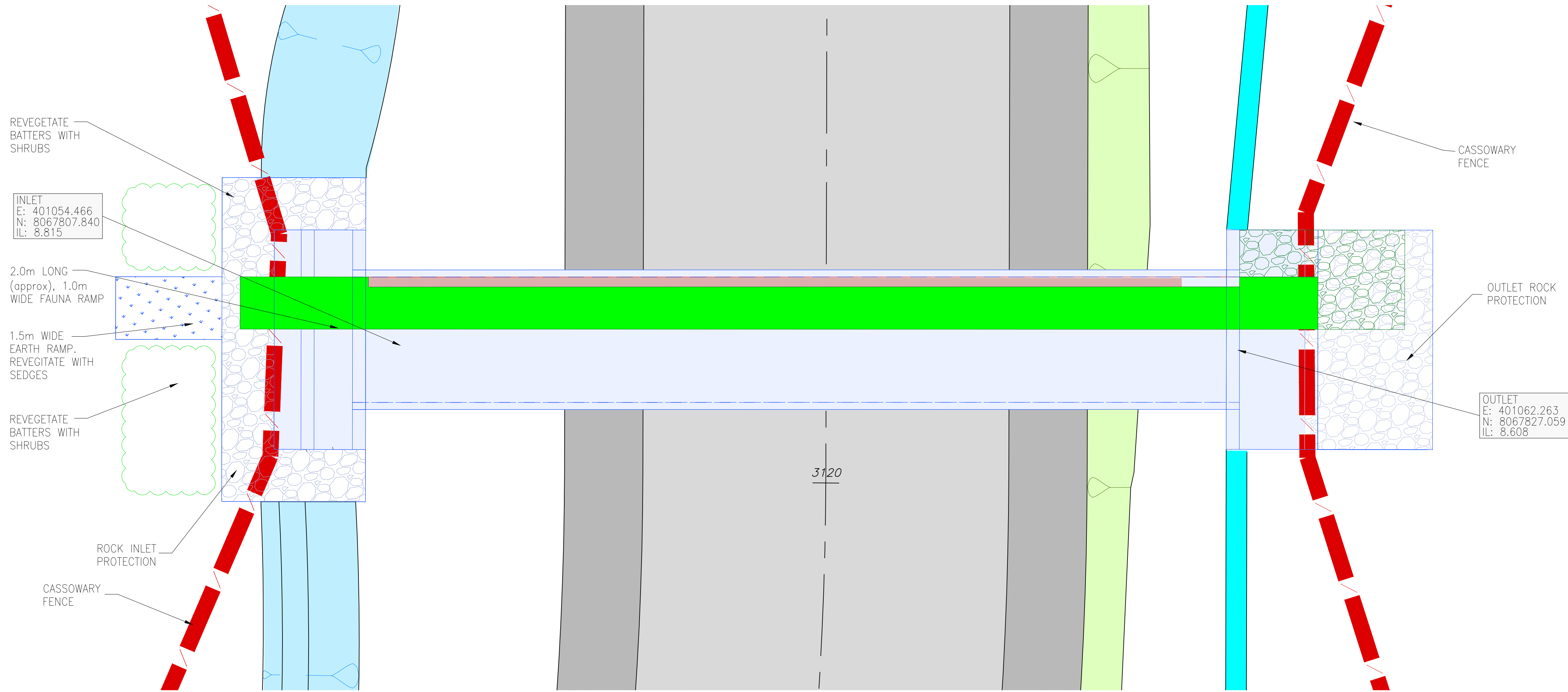


CULVERT 16 - CH 2400
SCALE 1:50

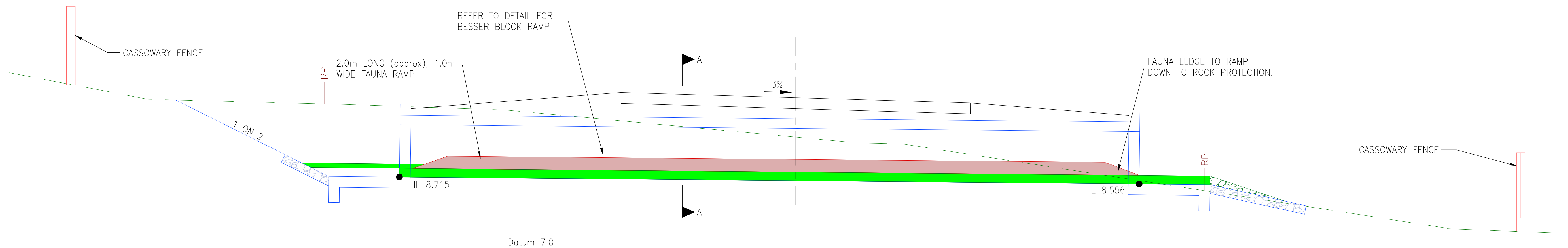
- LEGEND
- RP PROPERTY BOUNDARY
 - VEGETATION LINE
 - CASSOWARY FENCE
 - FROG FENCE
 - FAUNA LEDGE
 - BESSER BLOCK RAMP
 - WSUD

NOT FOR CONSTRUCTION

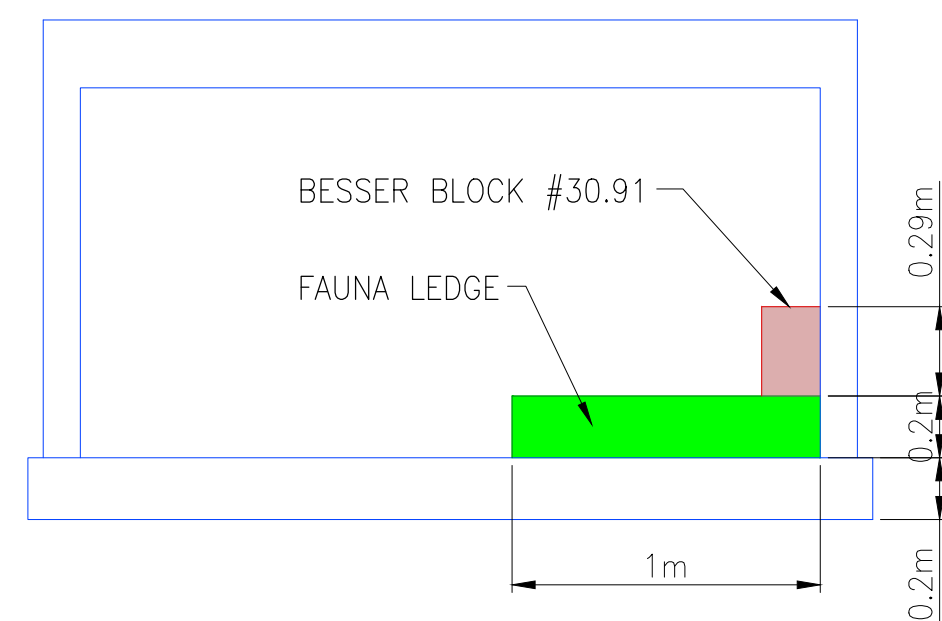
NORTH 	SCALE SCALE 1:50 @ A1 SIZE 0 .5 1.0 1.5 2.0 2.5 m Plot Date: 30 April, 2010 - 4:21pm	DEVELOPER ELLA BAY Far North Queensland	CONSULTANT 	ELLA BAY ROAD			
				FAUNA CULVERT 16 DESIGN			
SIZE A1	DATE 31/03/10	DRAWING NO. EBR1CE-DD32	REVISION A				



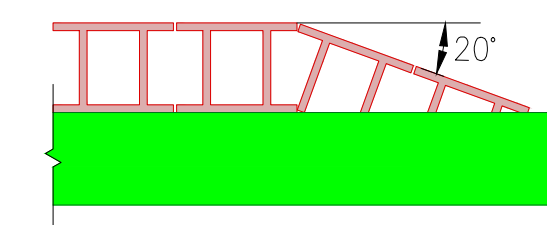
PLAN VIEW
SCALE 1:50



CULVERT 20 - CH 3127
SCALE 1:50
1/2400 X 1200 RCBC
LENGTH: 10.98m
GRADE: 1%



SECTION A
SCALE 1:25



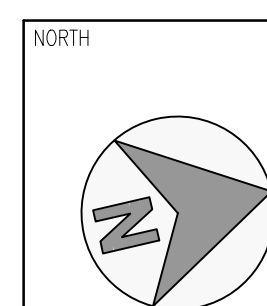
#30.91 BESSER BLOCK RAMP
SCALE 1:25

NOTE: BESSER BLOCKS #30.91 TO BE PLACED WITH FLAT DOWN AND GROUTED IN POSITION, RAMP TO BE MADE FROM CUT BLOCKS.

LEGEND

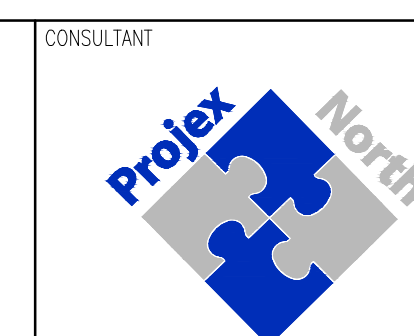
- RP PROPERTY BOUNDARY
- VEGETATION LINE
- CASSOWARY FENCE
- FROG FENCE
- FAUNA LEDGE
- BESSER BLOCK RAMP
- WSUD

NOT FOR CONSTRUCTION

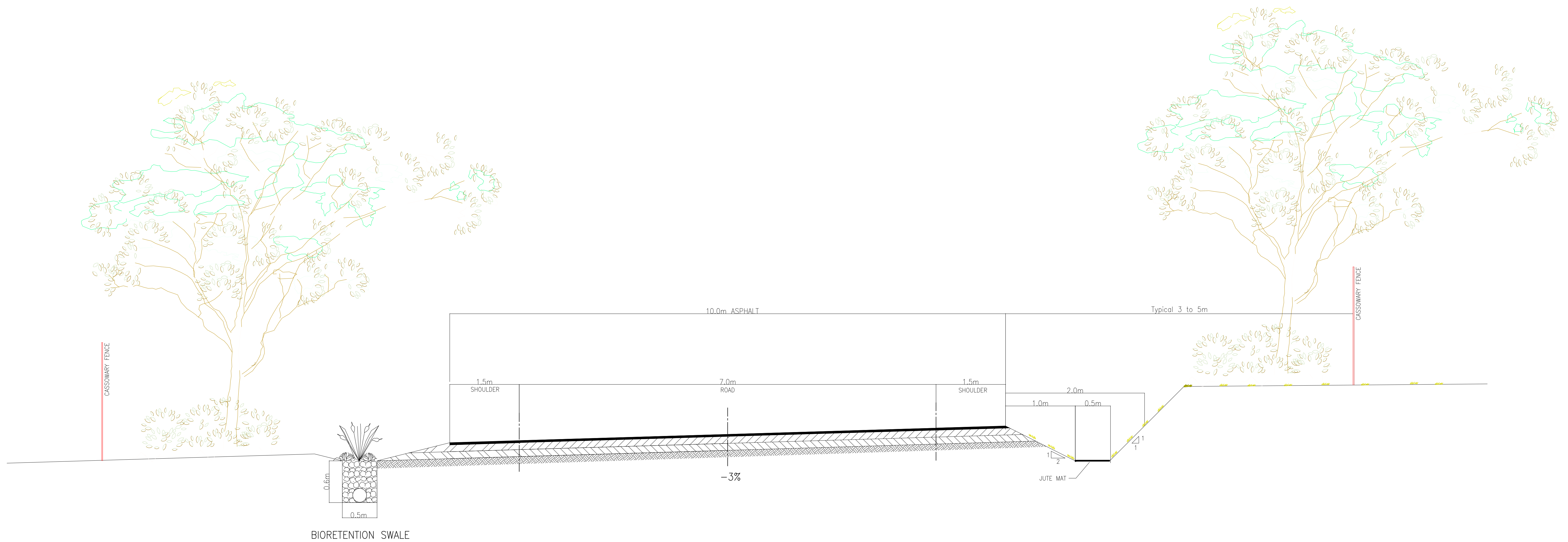


SCALE
SCALE 1:50
@ A1 SIZE
0 .5 1.0 1.5 2.0 2.5 m
Plot Date: 24 May, 2011 - 12:41pm

DEVELOPER
ella
ELLA BAY
Far North Queensland



ELLA BAY ROAD				
FAUNA CULVERT 20 DESIGN				
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD33	REVISION C	





TYPICAL CROSS SECTION
HEATH POINT TO FLYING FISH POINT

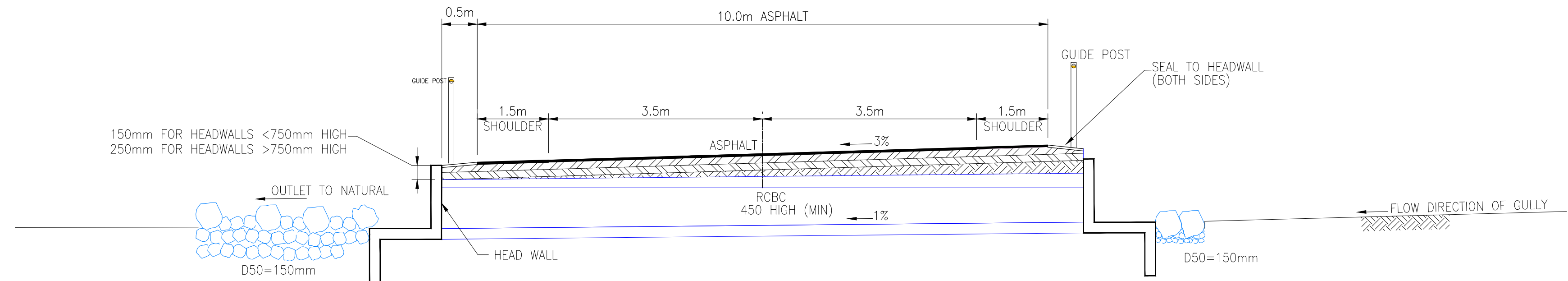
NOTES

- 0.5–2.5% GRADIENT. WILL BE GEOTEXTILE WITH VEGETATION, WITH ROCK CHECK STRUCTURES TO SLOW FLOWS ON LONG GRADIENTS >50m.
- 2.5–5.0% GRADIENT, WILL BE GEOTEXTILE WITH VEGETATION SLOPES AND A CONCRETE INVERT CHANNEL, WITH ROCK CHECK STRUCTURES TO SLOW FLOWS ON LONG GRADIENTS >50m.
- >5.0% GRADIENT, AND FOR RUNS >200m. ROCK LINED DRAIN WALLS AND INVERTS.

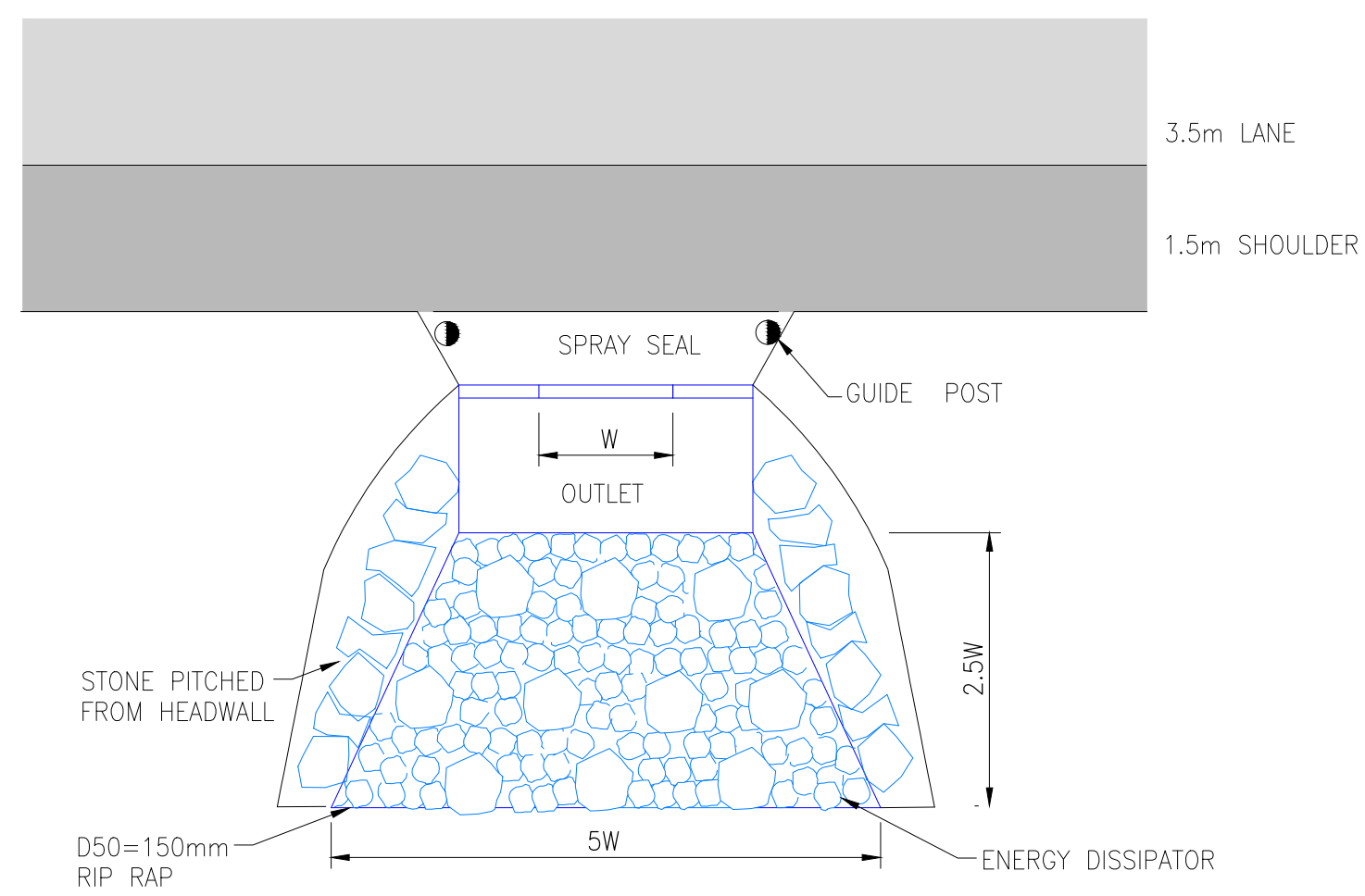
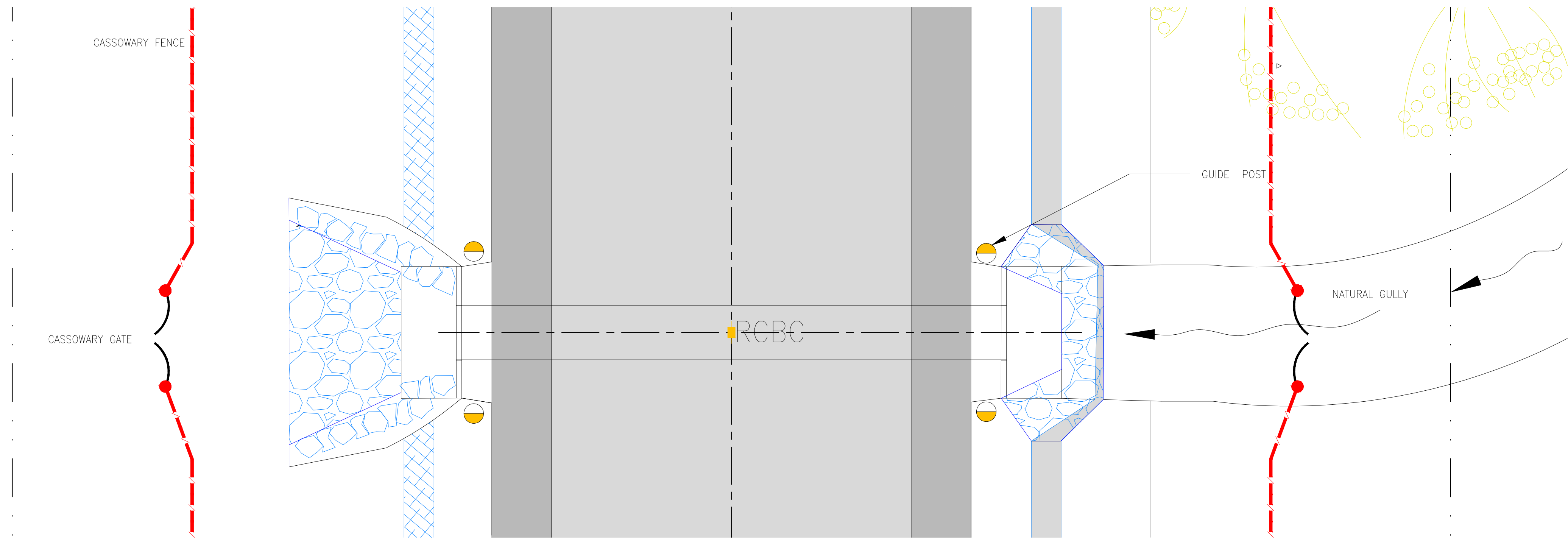
NOT FOR CONSTRUCTION

NORTH N/A	SCALE	DEVELOPER	CONSULTANT	ELLA BAY ROAD			
	N/A	 ELLA BAY Far North Queensland		DRAIN AND BIORETENTION SWALE			
	Plot Date: 24 May, 2011 – 1:39pm			SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD35	REVISION A

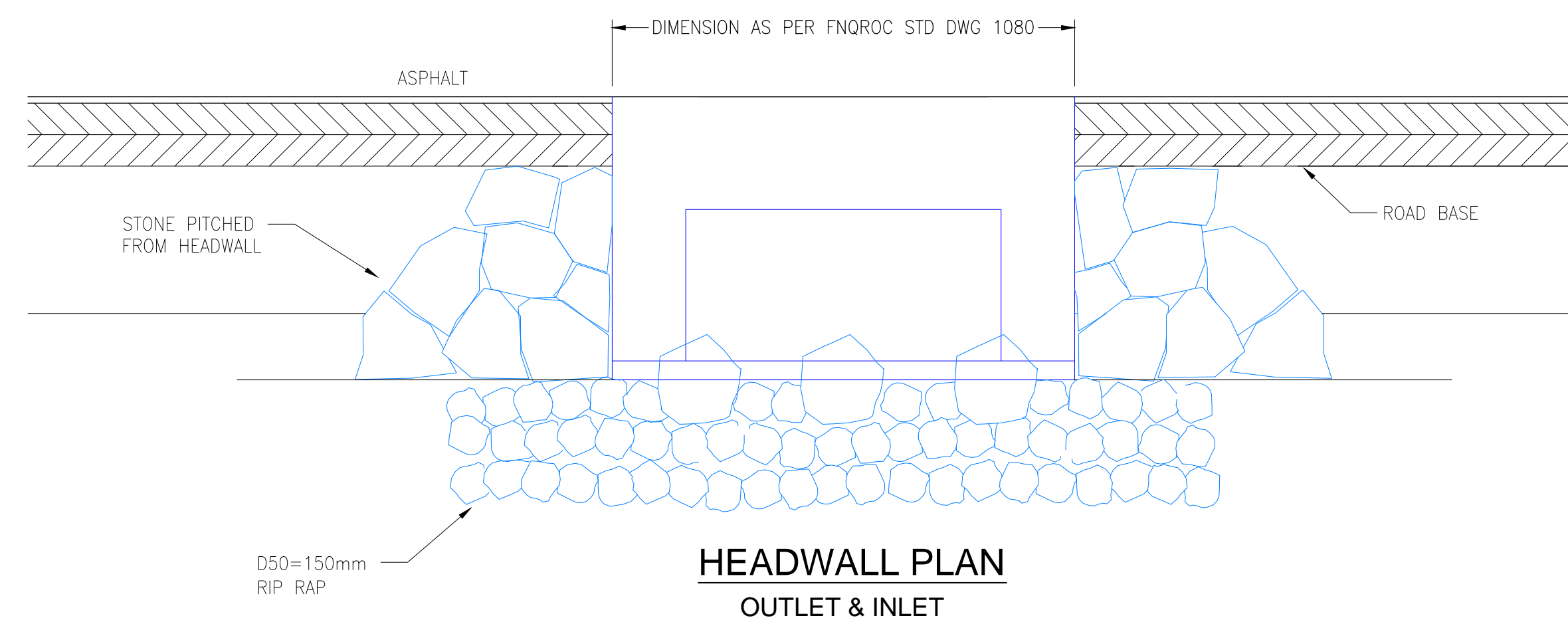
Plot Date: 24 May, 2011 – 1:39pm



TYPICAL RCBC CROSSING





OUTLET HEADWALL PLAN
W DENOTES PIPE WIDTH

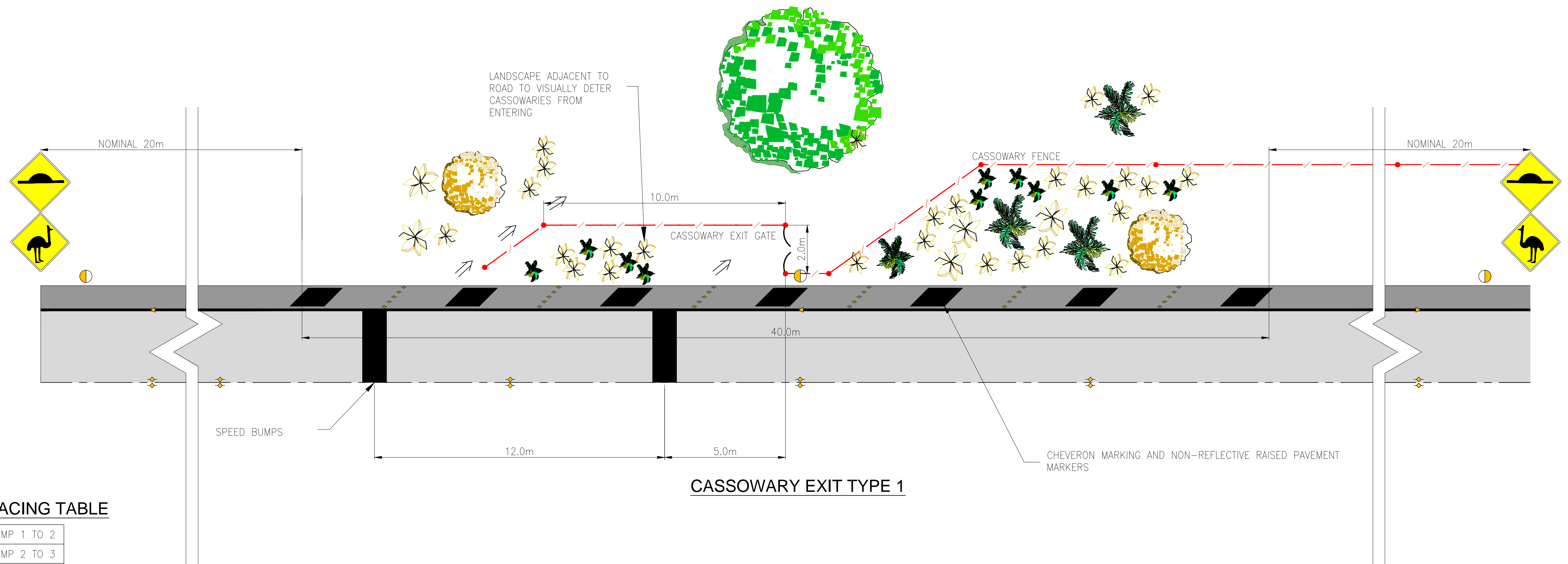


HEADWALL PLAN
OUTLET & INLET

NOT FOR CONSTRUCTION

NORTH	SCALE	DEVELOPER	CONSULTANT	ELLA BAY ROAD			
				TYPICAL RCBC AND HEADWALL CROSSING			
N/A	N/A	 ELLA BAY Far North Queensland		SIZE	DATE	DRAWING NO.	REVISION
				A1	10/05/11	EBR1CE-DD36	A

Plot Date: 24 May, 2011 - 1:45pm



CASSOWARY EXIT TYPE 1

SPEED BUMP SPACING TABLE

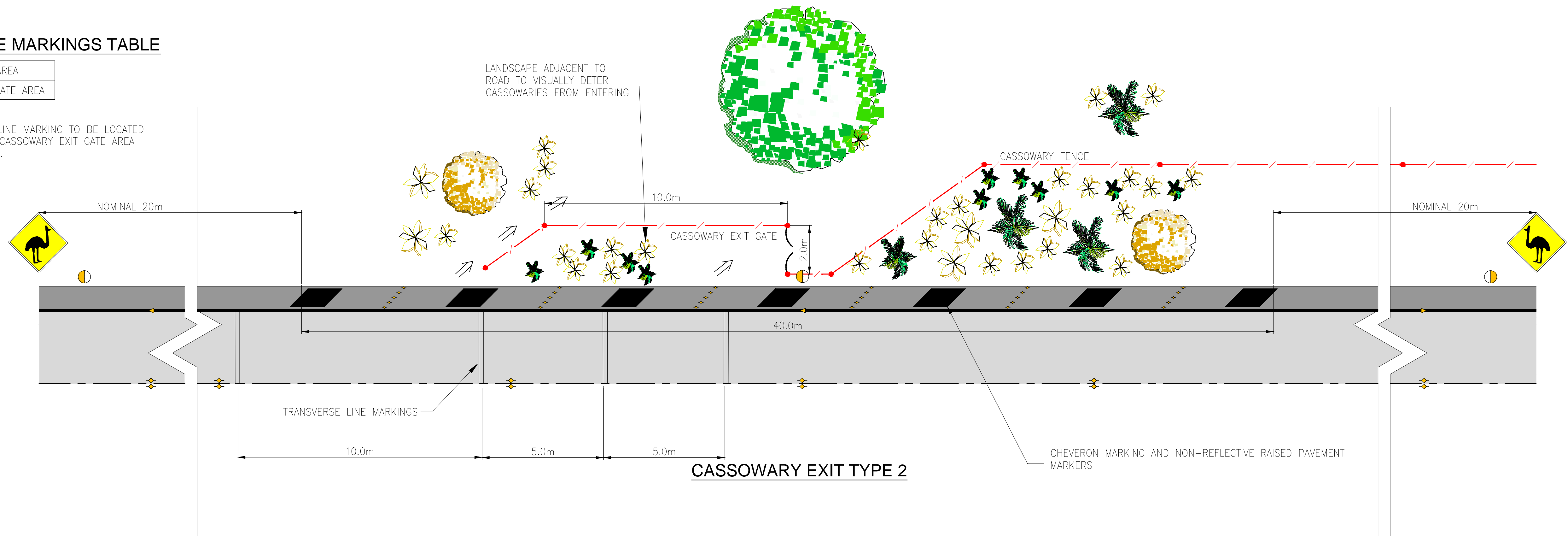
12.0m	SPEED BUMP 1 TO 2
33.0m	SPEED BUMP 2 TO 3
28.0m	SPEED BUMP 3 TO 4

NOTE: FIRST SPEED BUMP IS TO BE LOCATED 5.0m BACK FROM CASSOWARY CROSSING IN BOTH DIRECTIONS.

TRANSVERSE LINE MARKINGS TABLE

5.0m	EXIT GATE AREA
10.0m	PRIOR TO GATE AREA

NOTE: FIRST TRANSVERSE LINE MARKING TO BE LOCATED 10.0m BACK FROM CASSOWARY EXIT GATE AREA IN BOTH DIRECTIONS.



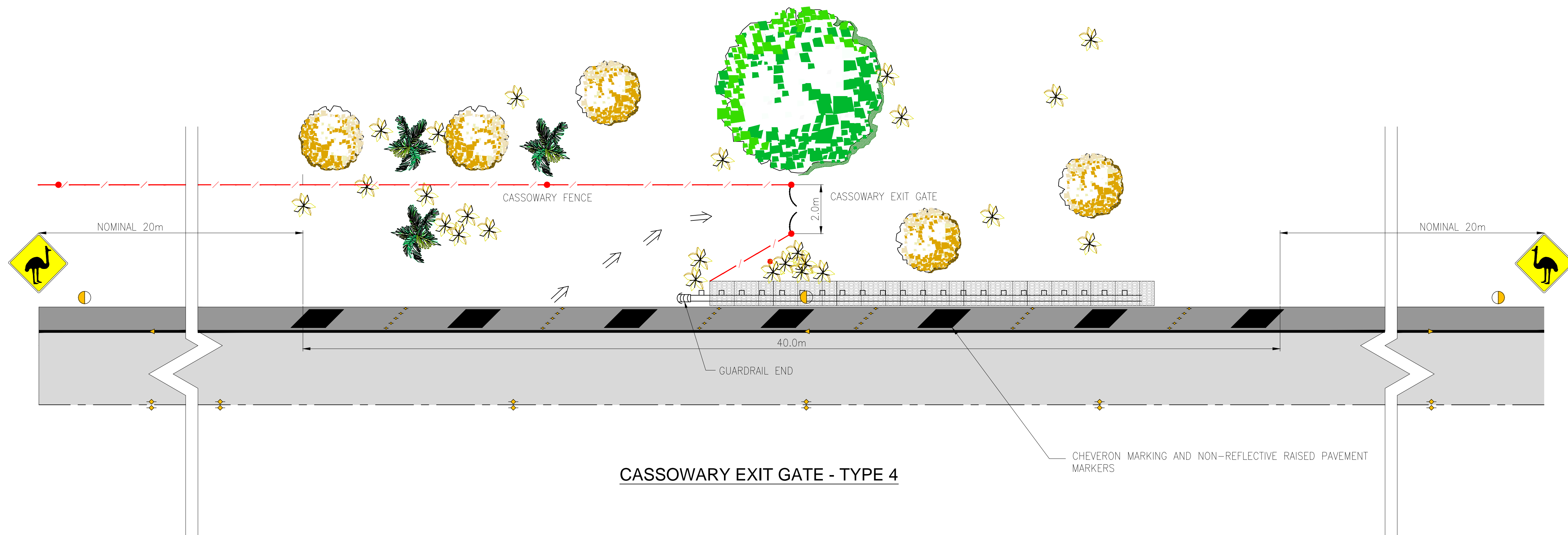
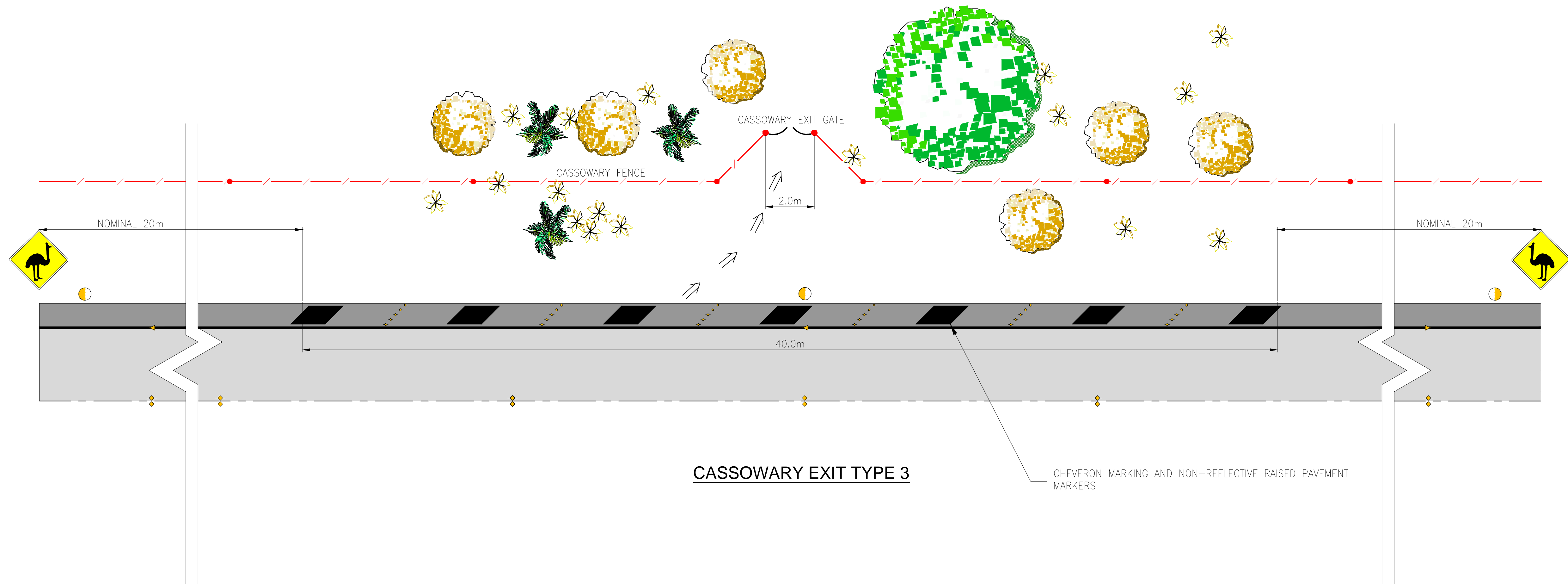
CASSOWARY EXIT TYPE 2

LEGEND






- CASSOWARY EXIT GATE
- GUIDE POST
- REFLECTIVE RAISED PAVEMENT MARKER UNIDIRECTIONAL - RED
- REFLECTIVE RAISED PAVEMENT MARKER UNIDIRECTIONAL - YELLOW
- CASSOWARY FENCE

NOT FOR CONSTRUCTION



NORTH N/A	SCALE SCALE 1:100 @ A1 SIZE 0 1 2 3 4 5 m Plot Date: 24 May, 2011 - 1:50pm	DEVELOPER ELLA BAY Far North Queensland	CONSULTANT 	ELLA BAY ROAD	
				CASSOWARY FENCE EXIT DESIGN	
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD40	REVISION C		

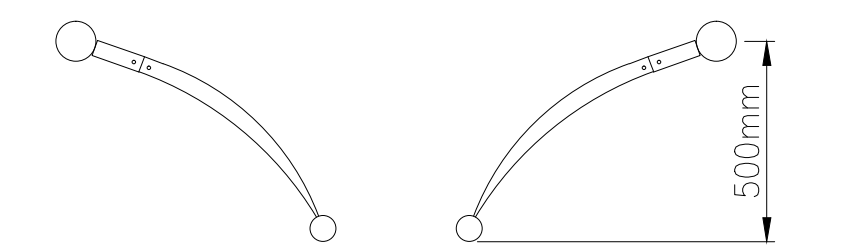
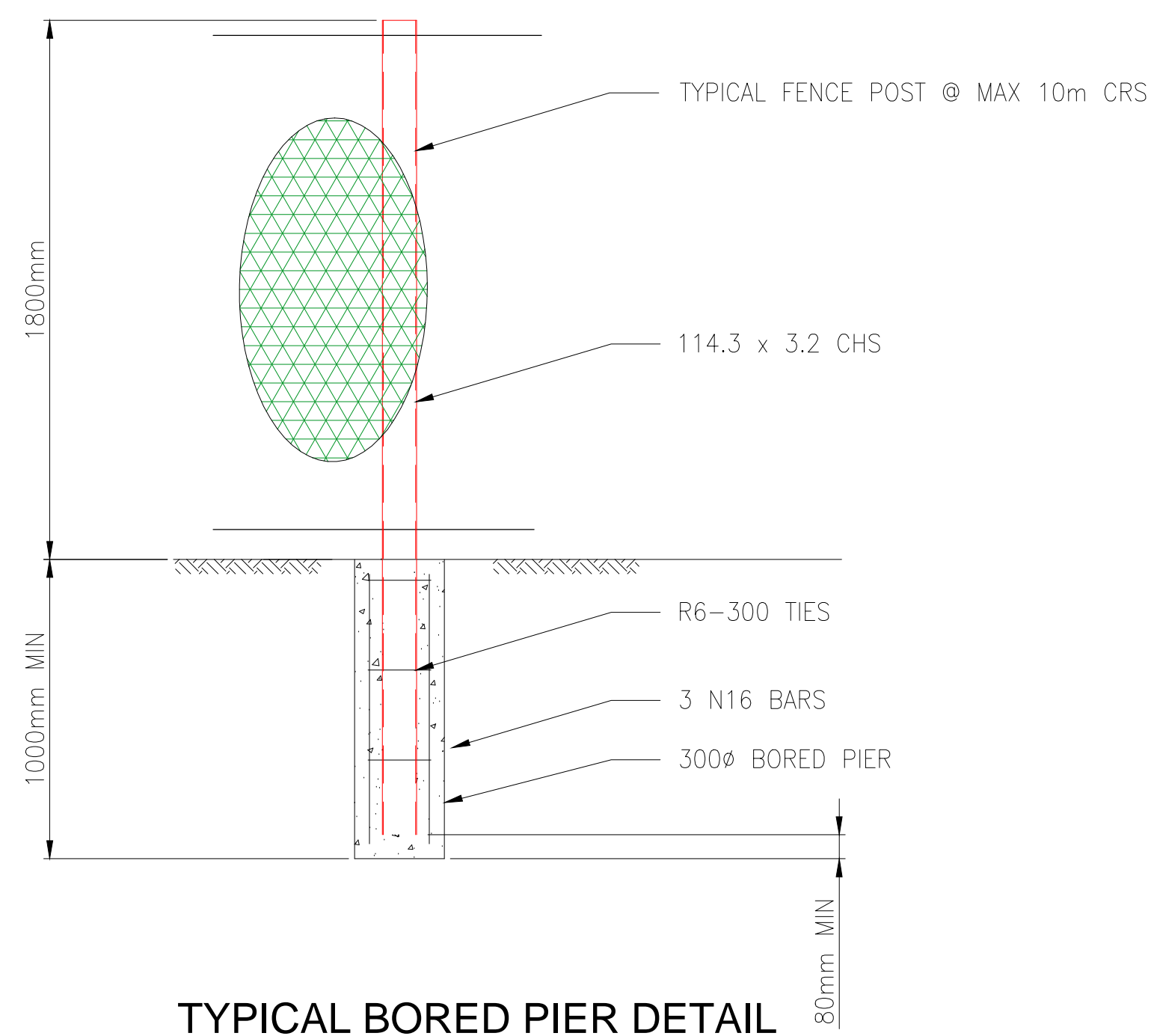
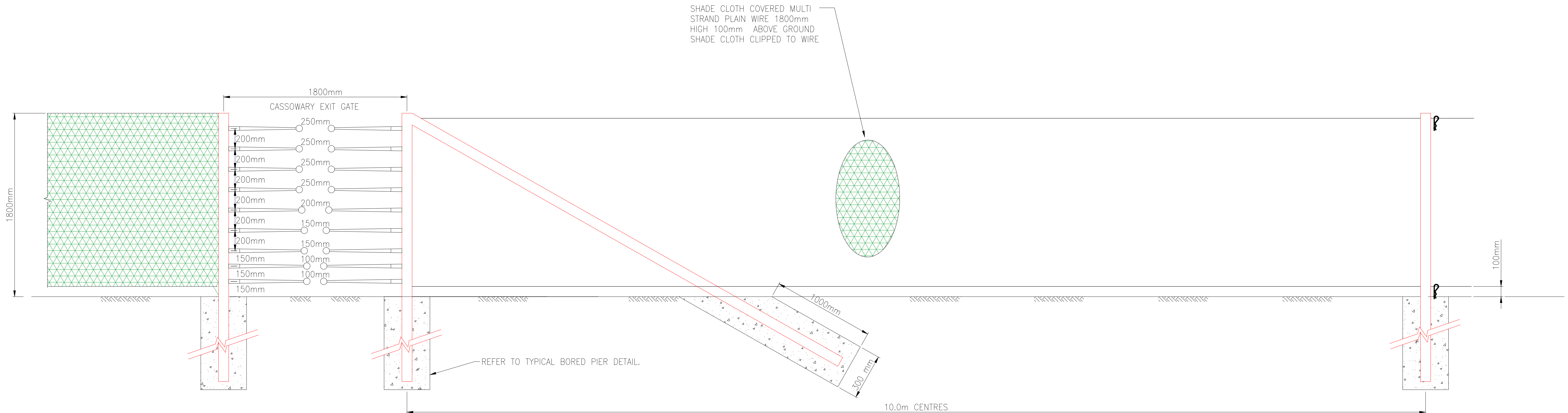


LEGEND

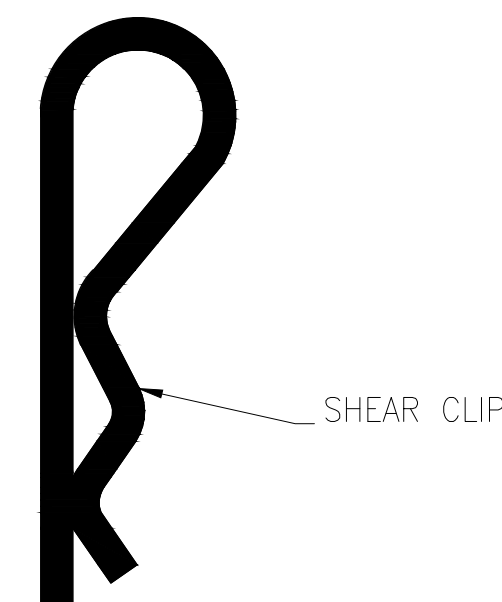
-  CASSOWARY EXIT GATE
-  GUIDE POST
-  REFLECTIVE RAISED PAVEMENT MARKER UNIDIRECTIONAL - RED
-  REFLECTIVE RAISED PAVEMENT MARKER UNIDIRECTIONAL - YELLOW
-  CASSOWARY FENCE

NOT FOR CONSTRUCTION

NORTH N/A	SCALE SCALE 1:100 @ A1 SIZE 0 1 2 3 4 5 m Plot Date: 24 May, 2011 - 1:50pm	DEVELOPER  ELLA BAY Far North Queensland	CONSULTANT 	ELLA BAY ROAD CASSOWARY FENCE EXIT DESIGN SIZE A1 DATE 10/05/11 DRAWING NO. EBR1CE-DD41 REVISION C		
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PLAN CASSOWARY EXIT GATE



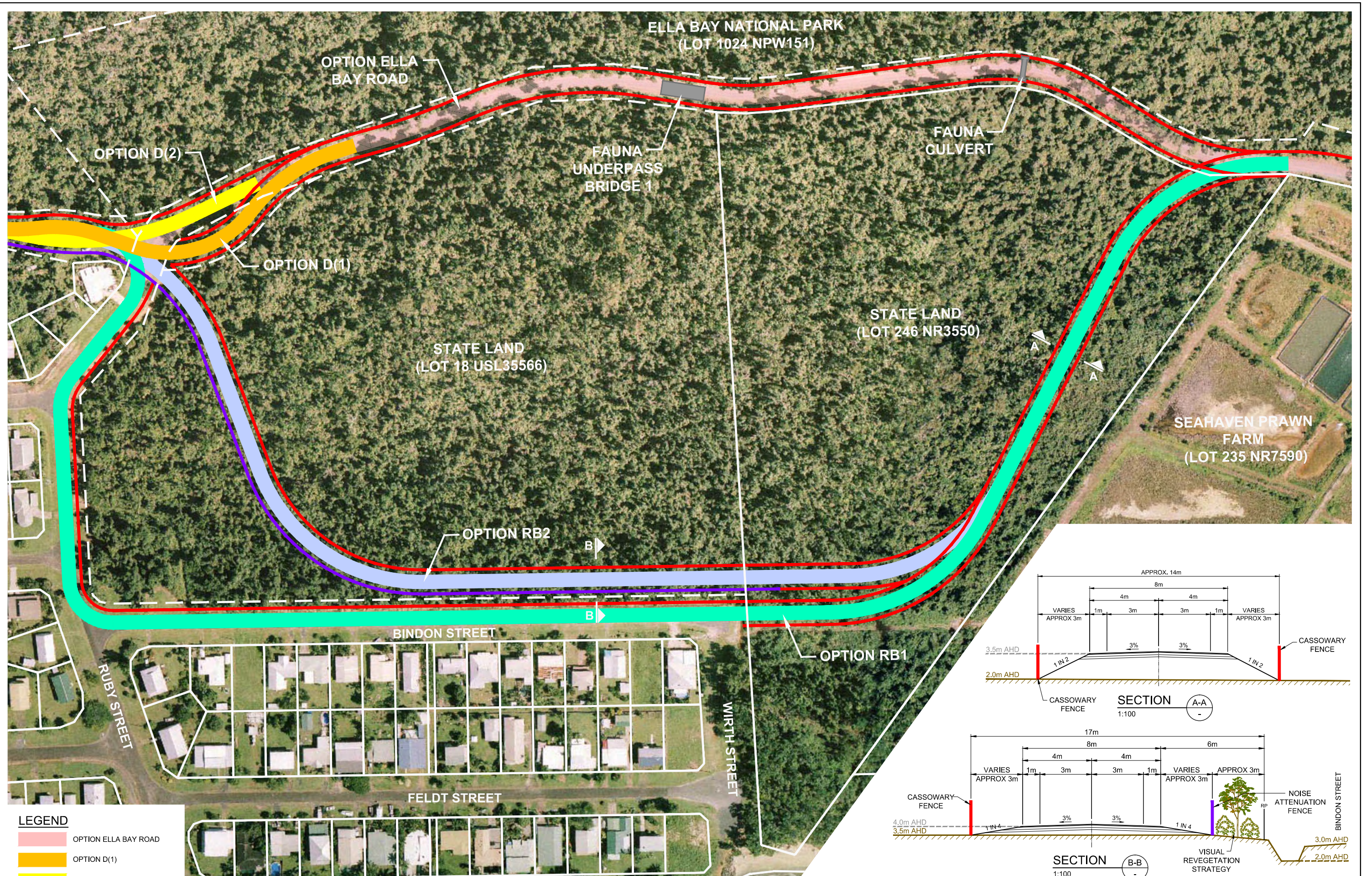
TYPICAL SHEAR CONNECTION TO POST

NOTES

1. CASSOWARY FENCE IS NOT CYCLONE RATED TO WINDS GREATER THAN 30m/s. REFER TO ELLA BAY CYCLONE PROCEDURE. IN THE EVENT OF A CYCLONE WARNING WITH WINDS EXCEEDING 30m/s REMOVE TOP STRAND OF FENCE FROM SHEAR CLIP AND CABLE TIE TO LOWER STRAND AT 2M CENTRES. INSTALL SPEED REDUCTION WARNING SIGNS THAT THE FENCE HAS BEEN REMOVED FOR CYCLONE PREPARATION.

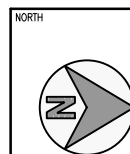
NOT FOR CONSTRUCTION

NORTH N/A	SCALE SCALE 1:100 @ A1 SIZE 0 1 2 3 4 5 m Plot Date: 24 May, 2011 - 1:54pm	DEVELOPER ella ELLA BAY Far North Queensland	CONSULTANT Prolex North	ELLA BAY ROAD		
				CASSOWARY FENCE EXIT SPECIFICATIONS		
SIZE A1	DATE 10/05/11	DRAWING NO. EBR1CE-DD42	REVISION C			

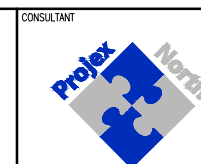


- LEGEND**
- OPTION ELLA BAY ROAD
 - OPTION D(1)
 - OPTION D(2)
 - OPTION RB1
 - OPTION RB2
 - CASSOWARY FENCE
 - NOISE ATTENUATION FENCE

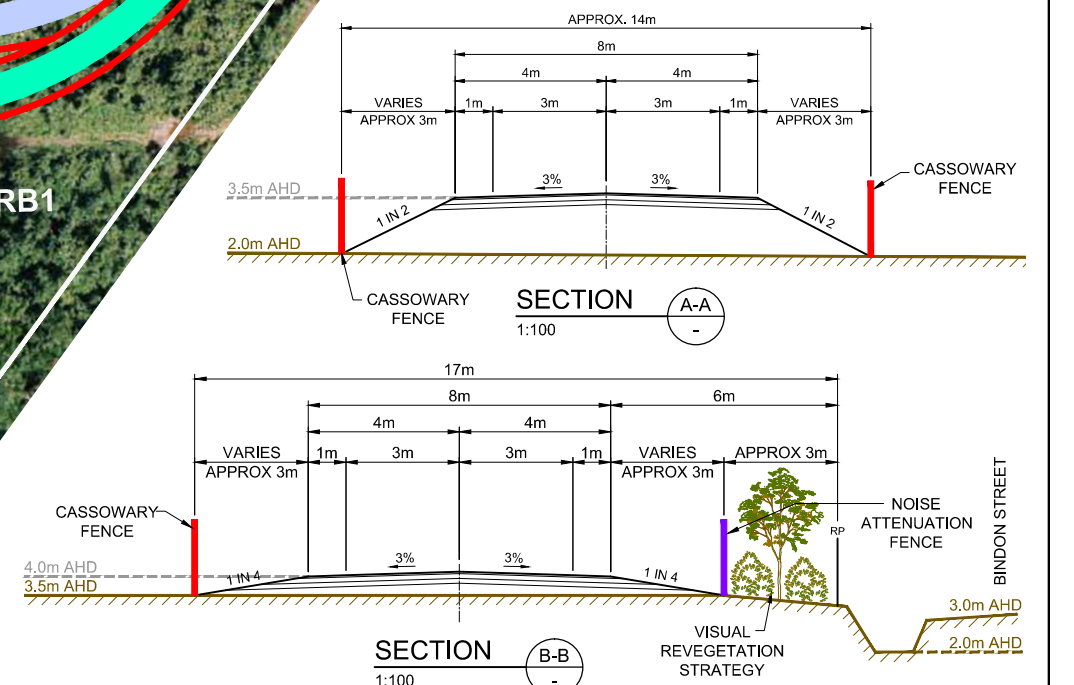
NOT FOR CONSTRUCTION



SCALE
SCALE 1:1000
@ A1 SIZE
0 10 20 30 40 50 m
Plot Date: 02 September, 2010 — 2:54pm



ELLA BAY ROAD			
ELLA BAY MCA ROAD OPTIONS			
SIZE A1	DATE 01/09/10	DRAWING NO. EBR1CE-DD55	REVISION A

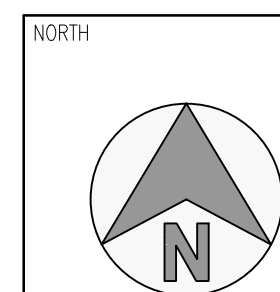




LEGEND

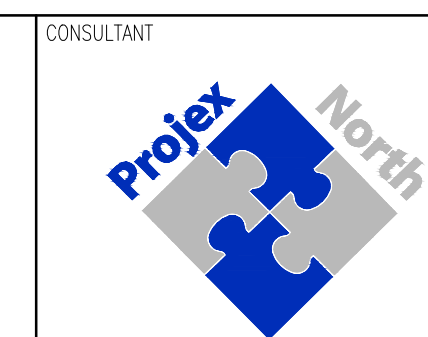
- ALL VEHICLES
- TRUCKS AND HEAVY VEHICLES
- LIGHT VEHICLES (NORTH BOUND)
- LIGHT VEHICLES (SOUTH BOUND)

NOT FOR CONSTRUCTION



SCALE
N/A
Plot Date: 24 May, 2011 - 2:11pm

DEVELOPER
ella
ELLA BAY
Far North Queensland



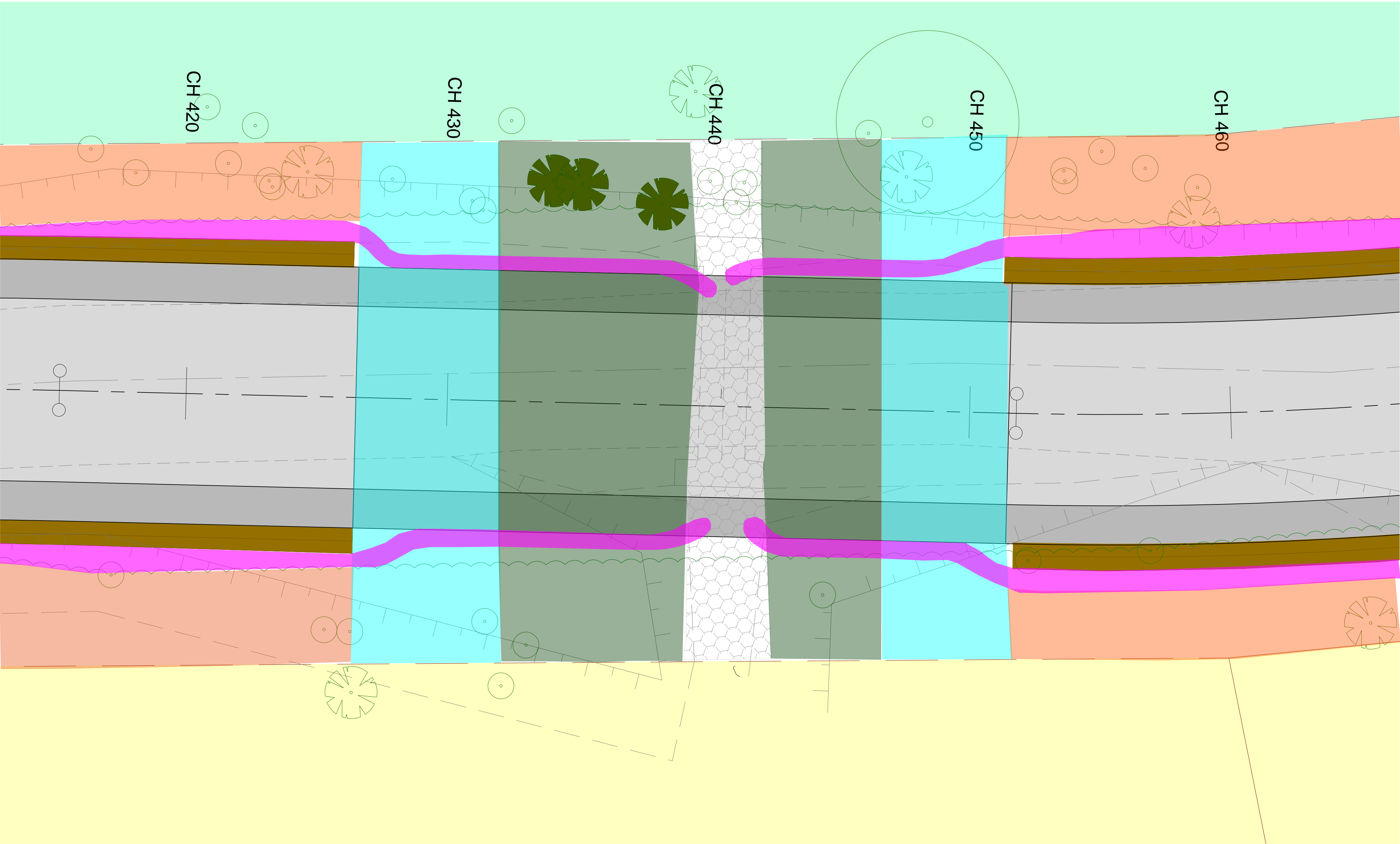
ELLA BAY ROAD - FLYING FISH POINT

LOCAL AREA TRAFFIC MANAGEMENT ROUTES

SIZE	DATE	DRAWING NO.	REVISION
A1	10/05/11	EBR1CE-DD56	A

LEGEND

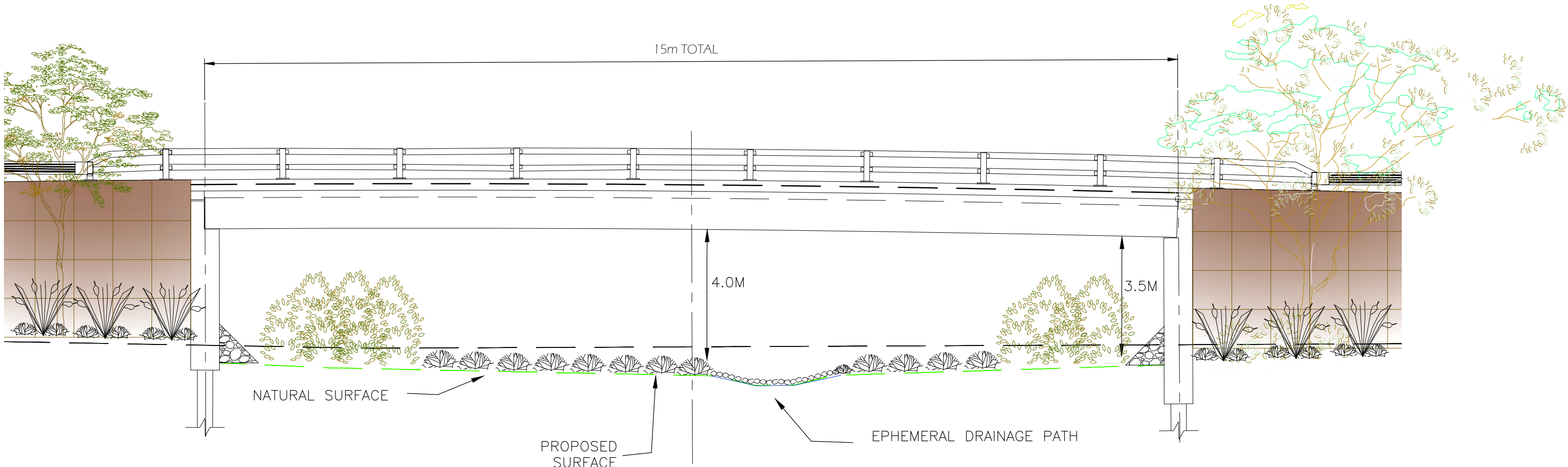
- NATIONAL PARK
- WORLD HERITAGE AREA
ZONE B
- WORLD HERITAGE AREA
ZONE C
- STATE LAND
- LOCAL GOVERNMENT
ESPLANADE
- RETAINING WALL
- ROAD CARRIAGE WAY
- ROAD SHOULDERS
AND WIDENINGS
- SWALES
- GRASSES
- SHRUBS
- TREES / PALMS
- CASSOWARY FENCE
- FROG FENCE
- VEGETATION BOUNDARY
- TREE
- TREE TO BE PROTECTED
- EXISTING CONTOURS
- VEGETATED SWALE FLOW
- GUARD FENCE FOR
PROTECTED TREES
- CASSOWARY EXIT TYPE
- EXISTING DIRT TRACK
- WATERCOURSE



NOTES

VEGETATION SHADING	
LOCATION	DESCRIPTION
FAUNA CULVERTS (EXIT) AND CASSOWARY ESCAPE GATES.	GRASSES LOW LYING FERNS, FORBS AND HERBS <0.5M. MAINTAIN A FAUNA LINE OF SIGHT. GROUND COVERS WHICH PROVIDE HIGH WEAR AND EROSION PROTECTION. CASSOWARY FRUITING SPECIES WILL ONLY BE USED EXTERNAL TO THE FENCE.
UNDERNEATH BRIDGES FOR VISUAL CORRIDOR.	FERNS, FORBS, CYCADS, VINES AND SMALL SHRUBS <4M. SHADE TOLERANT. MAINTAIN A LINE OF SIGHT FOR CASSOWARIES. CAN BE CASSOWARY FRUITING.
ADJACENT TO BRIDGES AND ALONG RIPARIAN AREAS.	PALMS AND TREES CAN BE UP TO 20M. ALL CASSOWARY FOOD SOURCES FOR ATTRACTION TO THE UNDERPASS. RANGE OF FRUITING CYCLES.
SWALES, ADJACENT AND BELOW THE BRIDGES.	SEDGES. FERNS, HERBS, GRASSES AND VINES <1M. LOW WATER VELOCITY, CAN BE GROUNDCOVERS. MAINTAIN A LINE OF SIGHT FOR CASSOWARIES WHILST ADDING FOOD SOURCES AS AN ATTRACTANT. SHRUBS SUITABLE FOR EXTERNAL OF CASSOWARY ESCAPE GATES.

FAUNA UNDERPASS VEGETATION PLAN



BRIDGE 1 ELEVATION

NOT FOR CONSTRUCTION

NORTH

SCALE

SCALE 1:100 @ A1 SIZE

0

1

2

3

4

5

m

DEVELOPER

ELLA BAY
Far North Queensland

CONSULTANT

ELLA BAY ROAD

BRIDGE 1 REVEGETATION DESIGN

SIZE

DATE

23/05/2011

DRAWING NO.

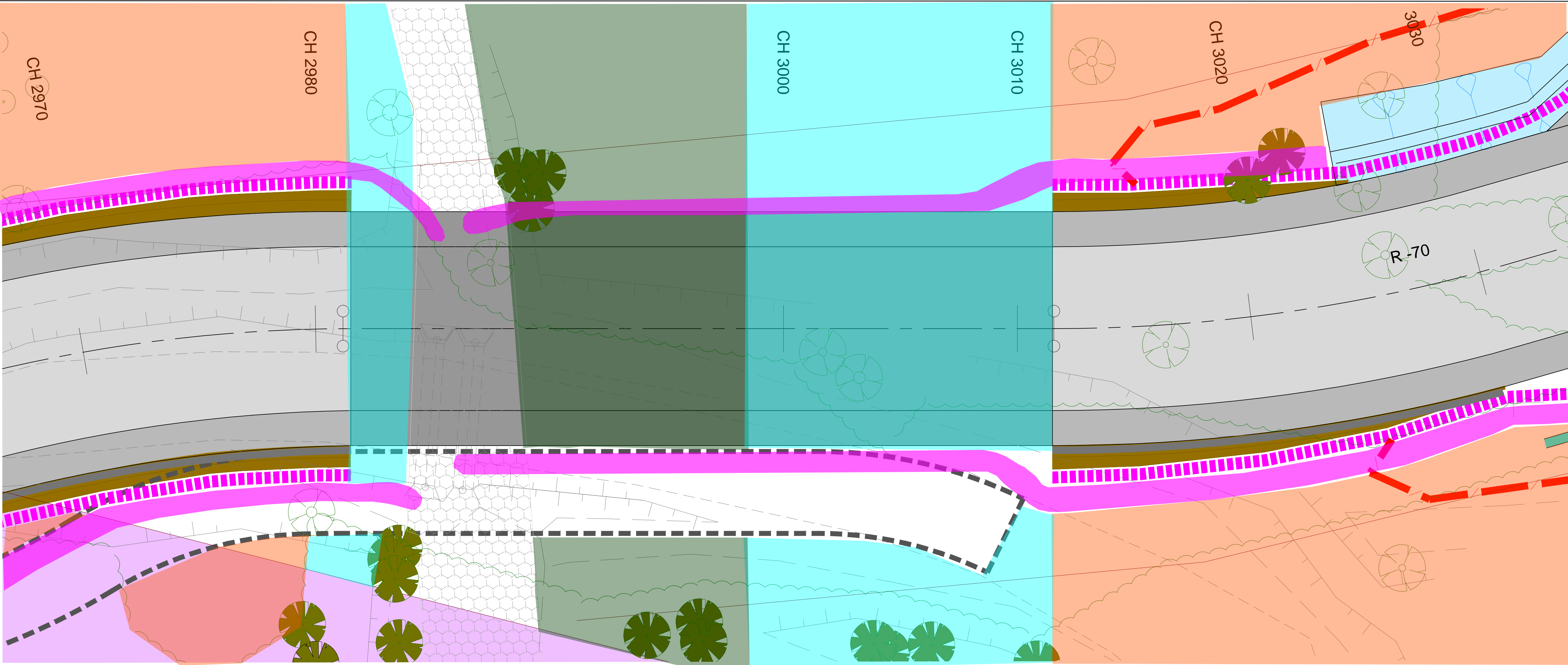
EBRCE-DD60

REVISION

A

LEGEND

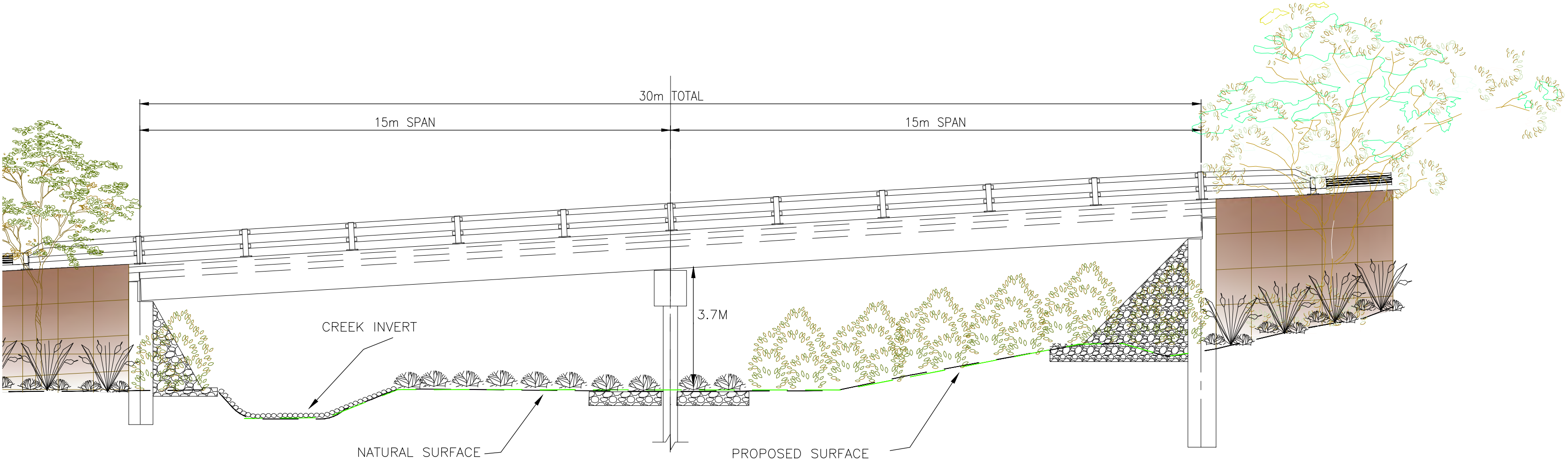
- NATIONAL PARK
- WORLD HERITAGE AREA
ZONE B
- WORLD HERITAGE AREA
ZONE C
- STATE LAND
- LOCAL GOVERNMENT
ESPLANADE
- RETAINING WALL
- ROAD CARRIAGE WAY
- ROAD SHOULDERS
AND WIDENINGS
- SWALES
- GRASSES
- SHRUBS
- TREES / PALMS
- CASSOWARY FENCE
- FROG FENCE
- VEGETATION BOUNDARY
- TREE
- TREE TO BE PROTECTED
- EXISTING CONTOURS
- VEGETATED SWALE FLOW
- GUARD FENCE FOR
PROTECTED TREES
- CASSOWARY EXIT TYPE
- EXISTING DIRT TRACK
- WATERCOURSE



FAUNA UNDERPASS VEGETATION PLAN

NOTES

VEGETATION SHADING	
LOCATION	DESCRIPTION
FAUNA CULVERTS (EXIT) AND CASSOWARY ESCAPE GATES.	GRASSES LOW LYING FERNS, FORBS AND HERBS <0.5M. MAINTAIN A FAUNA LINE OF SIGHT. GROUND COVERS WHICH PROVIDE HIGH WEAR AND EROSION PROTECTION. CASSOWARY FRUITING SPECIES WILL ONLY BE USED EXTERNAL TO THE FENCE.
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BRIDGE 2 ELEVATION

NOT FOR CONSTRUCTION

NORTH

SCALE

SCALE 1:100
@ A1 SIZE

0 1 2 3 4 5 m

Plot Date: 23 May, 2011 - 3:52pm

DEVELOPER

ELLA BAY
Far North Queensland

CONSULTANT

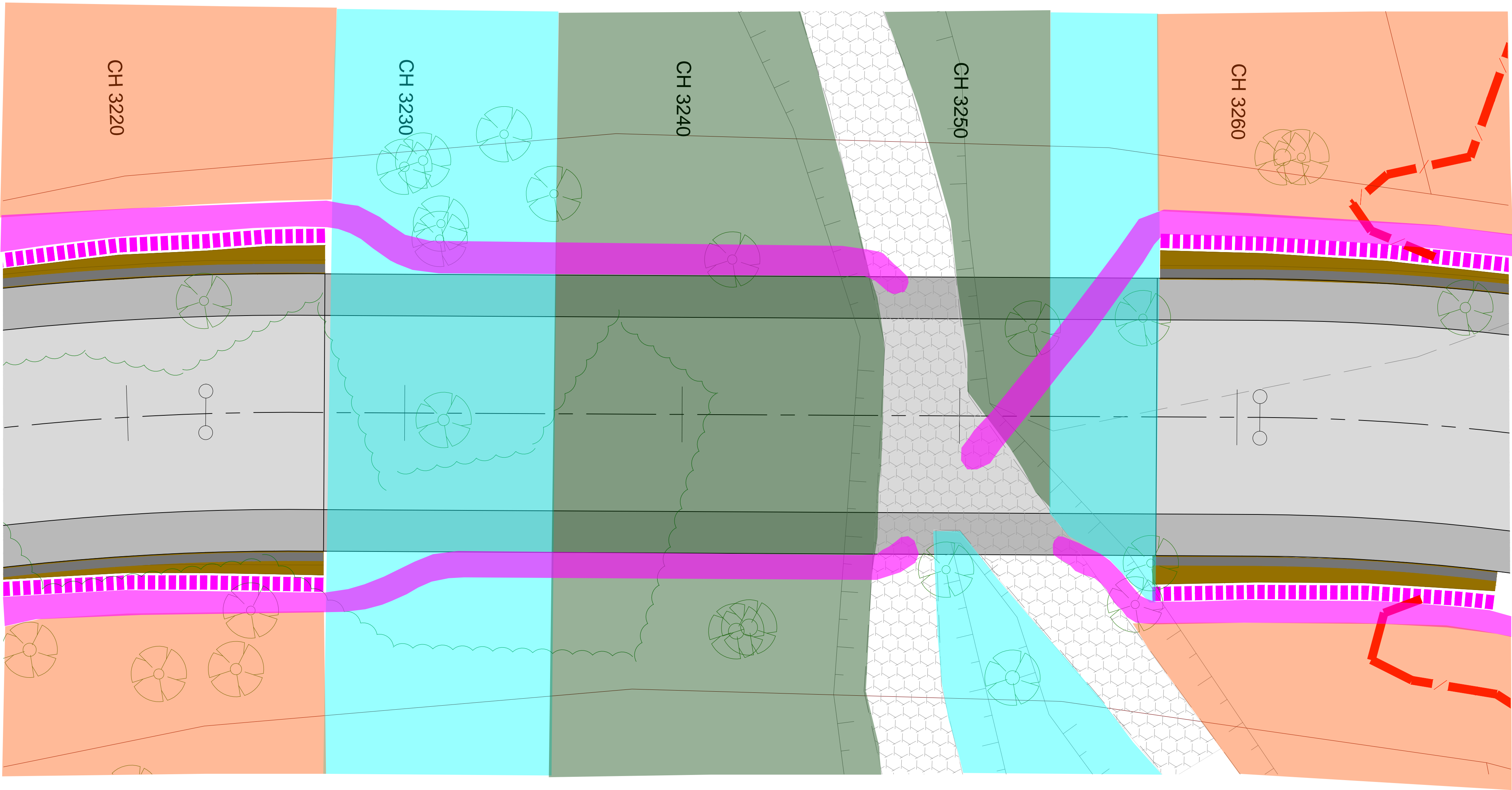
ELLA BAY ROAD

BRIDGE 2 REVEGETATION DESIGN

SIZE	DATE	DRAWING NO.	REVISION
A1	23/05/2011	EBR1CE-DD61	A

LEGEND

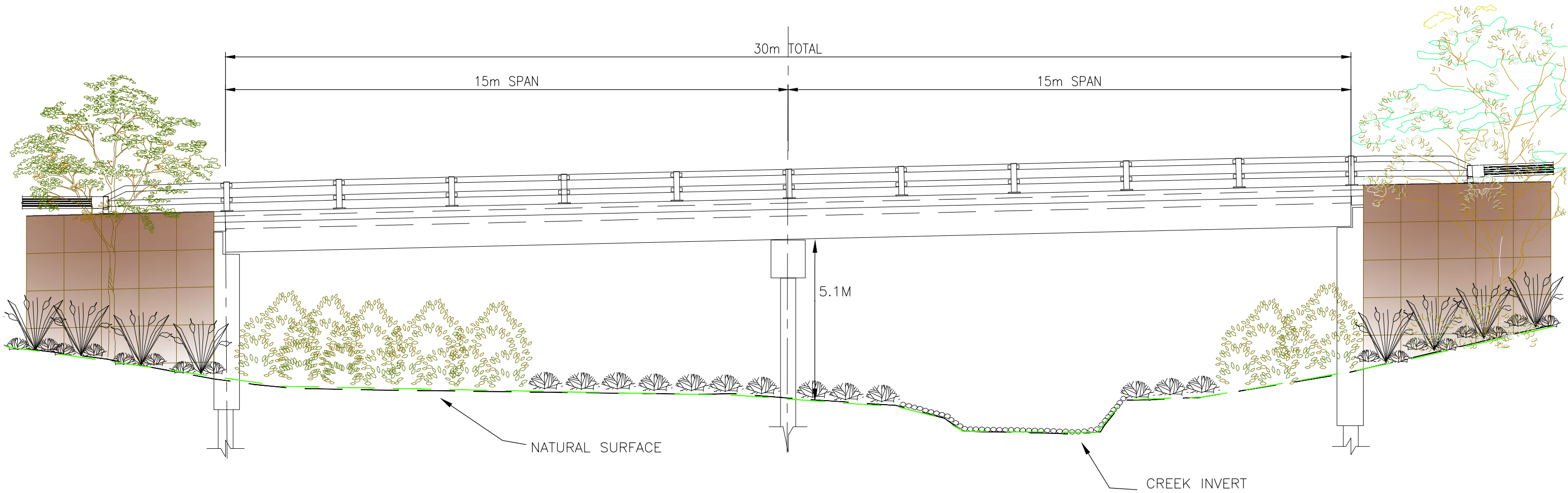
- NATIONAL PARK
- WORLD HERITAGE AREA
ZONE B
- WORLD HERITAGE AREA
ZONE C
- STATE LAND
- LOCAL GOVERNMENT
ESPLANADE
- RETAINING WALL
- ROAD CARRIAGE WAY
- ROAD SHOULDERS
AND WIDENINGS
- SWALES
- GRASSES
- SHRUBS
- TREES / PALMS
- CASSOWARY FENCE
- FROG FENCE
- VEGETATION BOUNDARY
- TREE
- TREE TO BE PROTECTED
- EXISTING CONTOURS
- VEGETATED SWALE FLOW
- GUARD FENCE FOR
PROTECTED TREES
- CASSOWARY EXIT TYPE
- EXISTING DIRT TRACK
- WATERCOURSE



FAUNA UNDERPASS VEGETATION PLAN

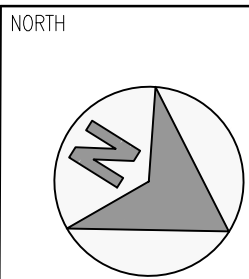
NOTES

VEGETATION SHADING	
LOCATION	DESCRIPTION
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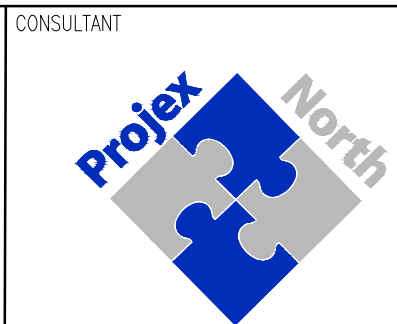
BRIDGE 3 ELEVATION

NOT FOR CONSTRUCTION



SCALE
SCALE 1:100
@ A1 SIZE
0 1 2 3 4 5 m
Plot Date: 23 May, 2011 - 3:50pm

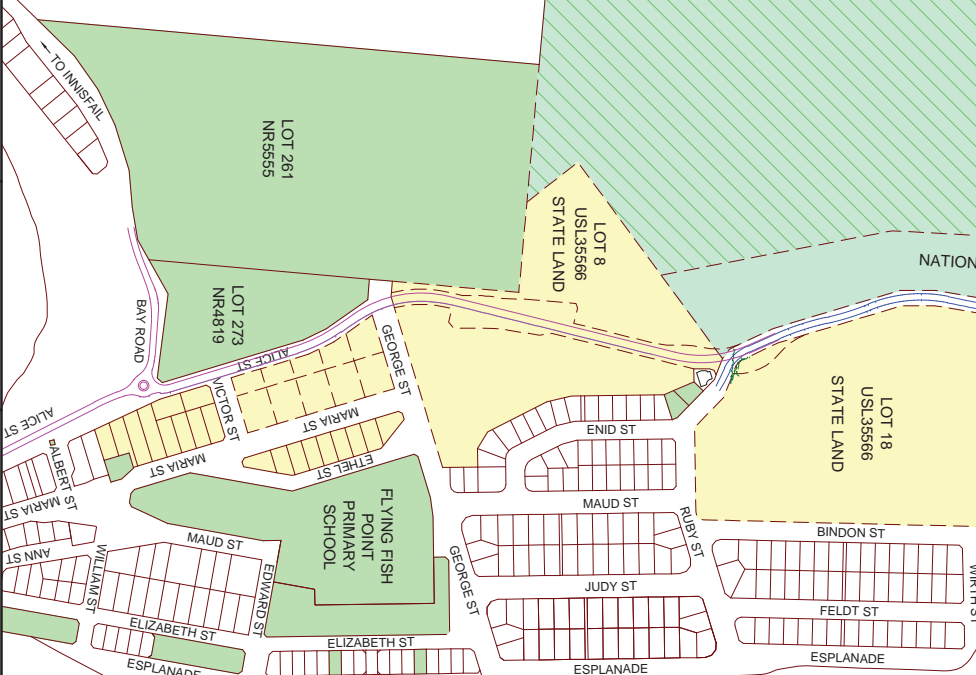
DEVELOPER
ella
ELLA BAY
Far North Queensland



ELLA BAY ROAD				
BRIDGE 3 REVEGETATION DESIGN				
SIZE A1	DATE 23/05/2011	DRAWING NO. EBR1CE-DD62	REVISION A	



LOT 1024
NPW151
NATIONAL PARK /
WORLD HERITAGE
ZONE B



SCALE

N/A

Plot Date: 05 October, 2011 - 2:20pm



ELLA BAY ROAD PROPERTY TENURE

SIZE
A3

DATE 05/10/11

DRAWING NO.

EBR1CE-DD70

REVISION
E