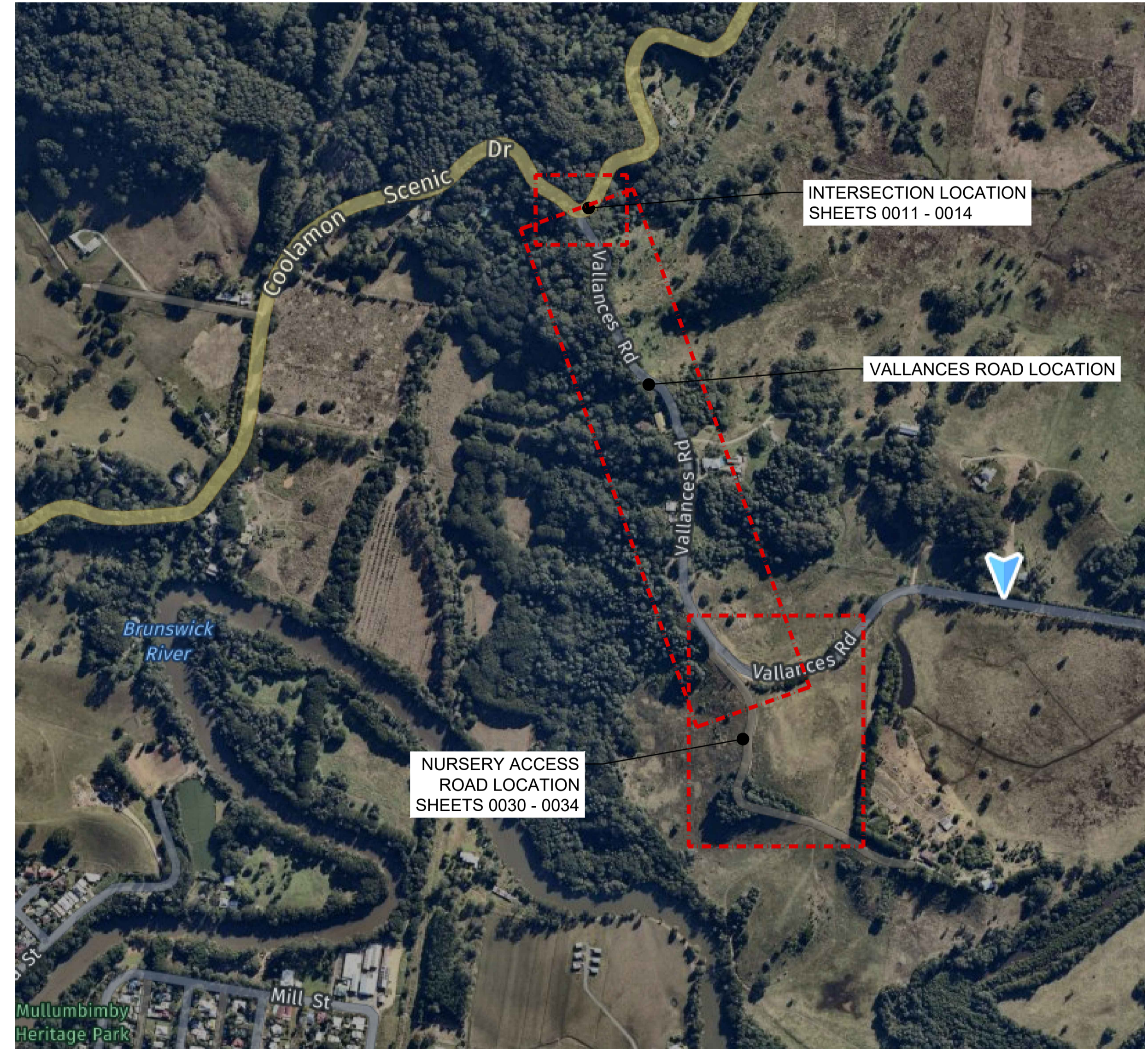


VALLANCES ROAD MULLUMBIMBY NSW CONCEPT PLAN - ROADWORK OPTIONS

DRAWING NO.	TITLE	REVISION
J7574-0001	COVER, LOCALITY PLAN & DRAWING INDEX	A
J7574-0011	INTERSECTION OPTION 1	A
J7574-0012	INTERSECTION OPTION 2A	A
J7574-0013	INTERSECTION OPTION 2B	A
J7574-0014	INTERSECTION OPTION 3	A
J7574-0015	INTERSECTION OPTION 4	A
J7574-0016	INTERSECTION OPTION 5	A
J7574-0020	VALLANCES ROAD OPTIONS - CROSS SECTIONS	A
J7574-0021	VALLANCES ROAD EXISTING CONDITION	A
J7574-0022	VALLANCES ROAD OPTION 1A	A
J7574-0023	VALLANCES ROAD OPTION 1B	A
J7574-0024	VALLANCES ROAD OPTION 2	A
J7574-0025	VALLANCES ROAD OPTION 3	A
J7574-0030	NURSERY ACCESS ROAD OPTIONS - CROSS SECTIONS	A
J7574-0031	NURSERY ACCESS ROAD OPTION 1A & 1C	A
J7574-0032	NURSERY ACCESS ROAD OPTION 1B & 1D	A
J7574-0033	NURSERY ACCESS ROAD OPTION 2A, 2C, 3A & 3C	A
J7574-0034	NURSERY ACCESS ROAD OPTION 2B & 3B	A



LOCALITY PLAN (SOURCE: NEARMAPS, 2022)
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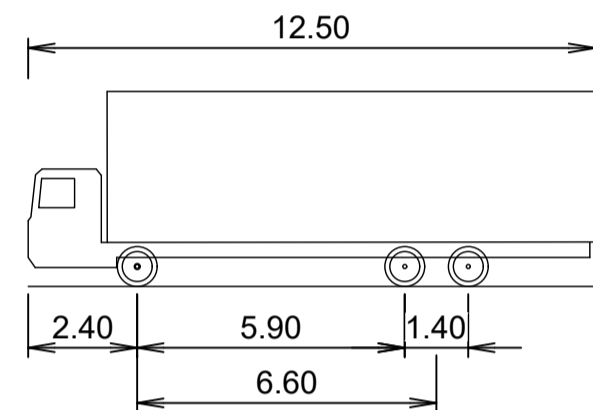


CLIENT:
BYRON SHIRE COUNCIL
LOCAL GOVERNMENT AUTHORITY:
BYRON SHIRE COUNCIL

PROJECT:
VALLANCES ROAD MULLUMBIMBY
DRAWING TITLE:
COVER, LOCALITY PLAN & DRAWING INDEX
ORIGINAL SIZE: A1
PLANIT JOB No.: J7574
DRAWING No.: 0001
REV: A

INTERSECTION OPTION 1 NOTES

1. SIGHT DISTANCE ISSUES WHEN TURNING RIGHT INTO VALLANCES ROAD. EXISTING SIGHT DISTANCE OF THE INNER (EASTBOUND) COOLAMON SCENIC DRIVE LANE = 25m. MINIMUM SIGHT DISTANCE REQUIRED FOR TRUCKS IS 38m FOR AN OPERATING SPEED OF 40km/h (AUSTRoadS GUIDE TO ROAD DESIGN PART 3 - TABLE 5.6)
2. EXISTING MAXIMUM SUPERELEVATION = 11%
3. EXISTING HORIZONTAL CURVE RADIUS OF THE INNER (EASTBOUND) COOLAMON SCENIC DRIVE LANE IS 19m. THE RECOMMENDED ABSOLUTE MINIMUM CURVE RADIUS IS 28m FOR AN OPERATING SPEED OF 40 km/h (AUSTRoadS GUIDE TO ROAD DESIGN PART 3 - TABLE 7.6)

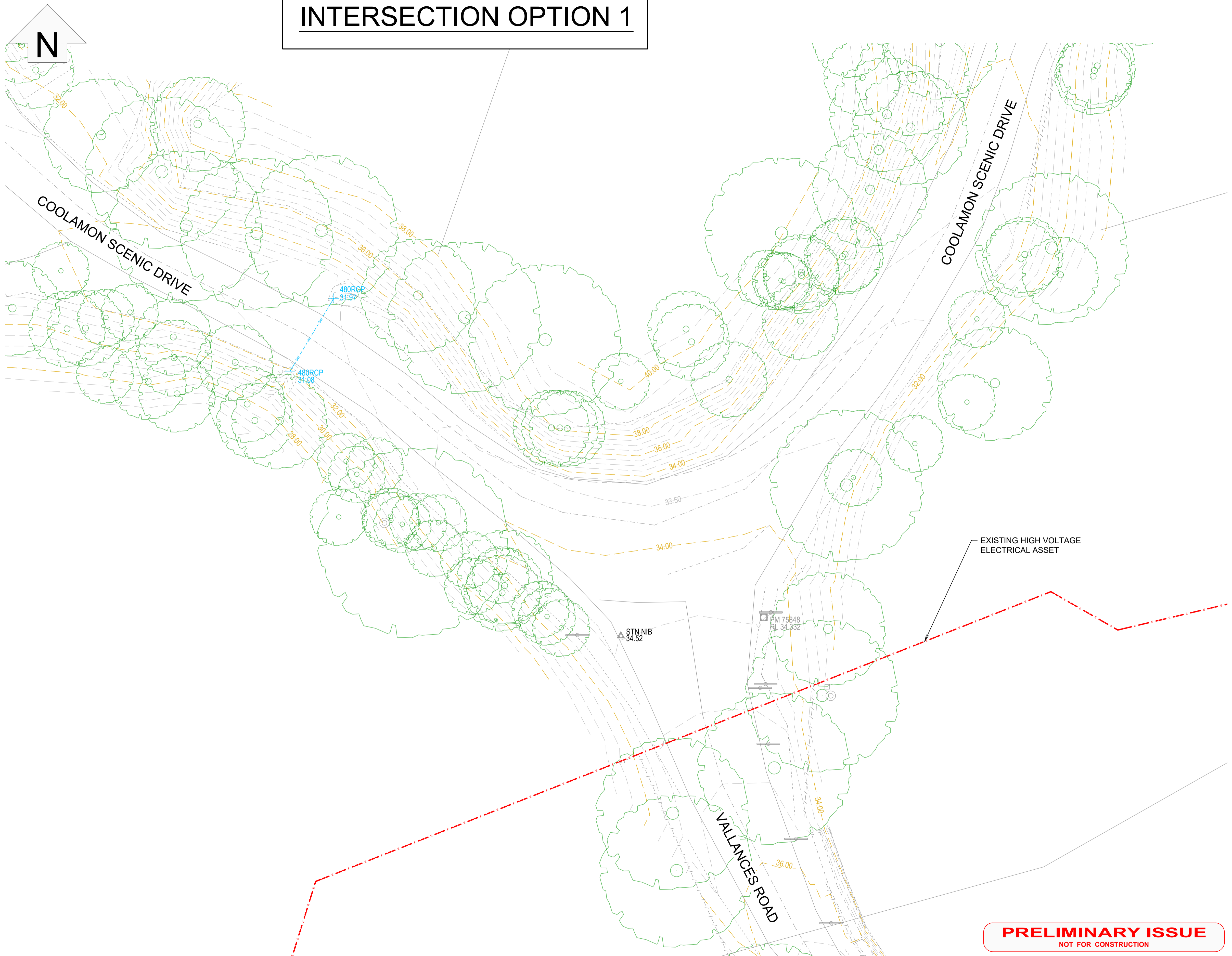


HRV - Heavy Rigid Vehicle
 Overall Length 12.500m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.417m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m

LEGEND

- EXISTING HV UNDERGROUND ELEC --- E ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- -36.00- ---
- EXISTING MINOR CONTOURS ---
- PROPOSED CONTOURS --- 36.00 ---
- PROPOSED EDGE OF EARTHWORKS ---
- PROPOSED NEW ASPHALT PAVEMENT
- PROPOSED TREE REMOVAL X
- PROPOSED ROAD CENTRELINE LINEMARKING
- PROPOSED LANE CENTRELINE

INTERSECTION OPTION 1



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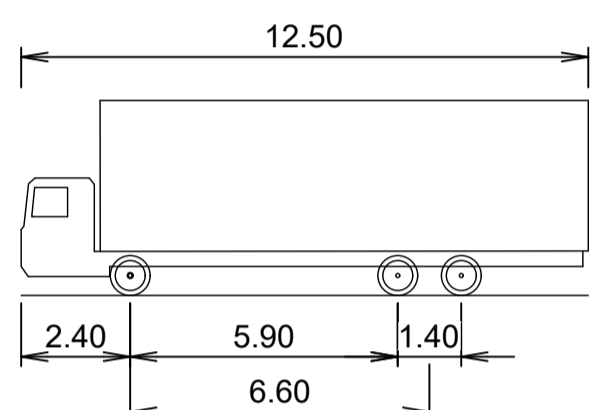
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 LOCAL GOVERNMENT AUTHORITY:
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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: COOLAMON SCENIC DRIVE & VALLANCES ROAD INTERSECTION OPTION 1 INTERSECTION TO REMAIN AS EXISTING			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0011	REV: A

INTERSECTION OPTION 2A

INTERSECTION OPTION 2A NOTES

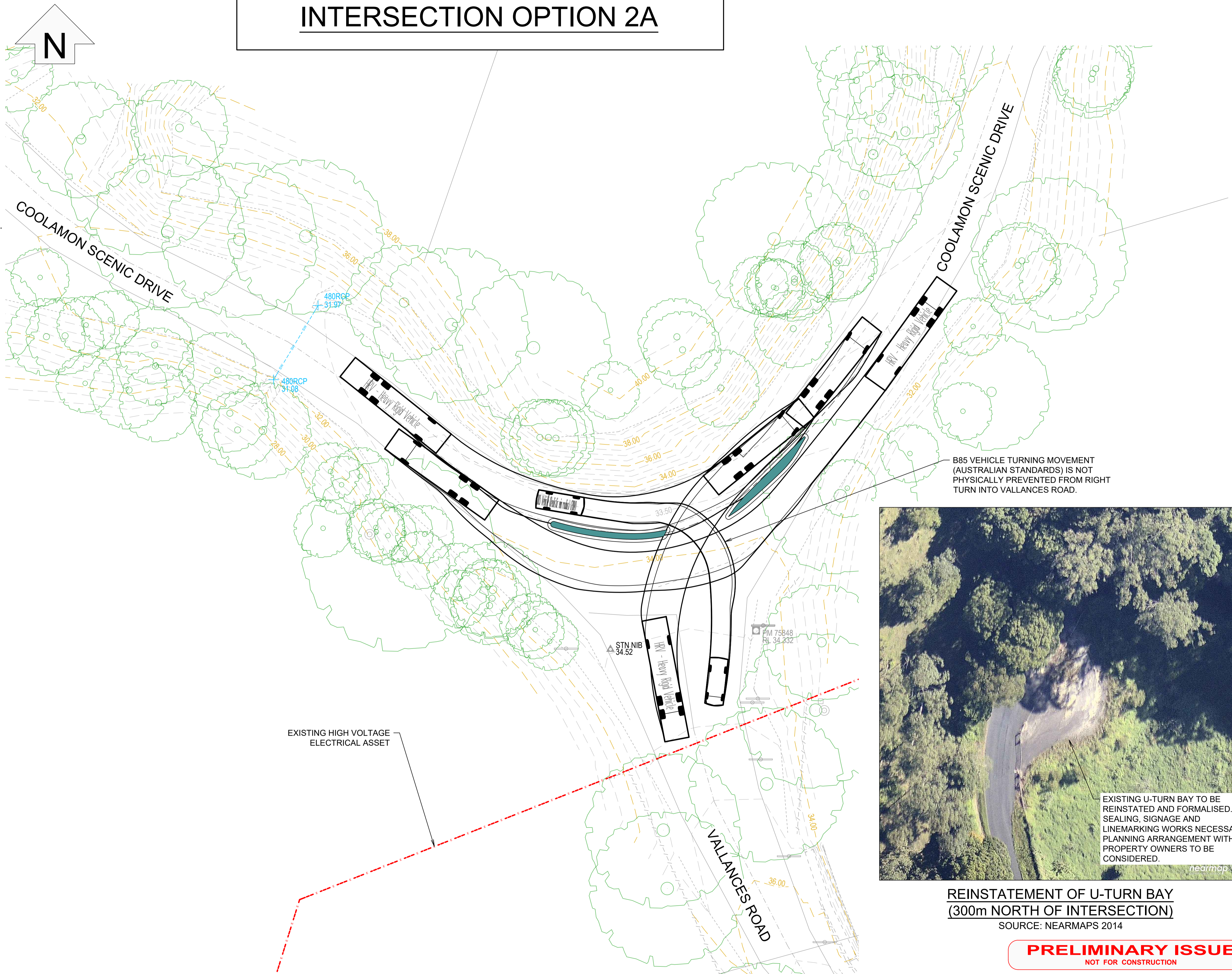
- MEDIAN STRIP TO BE INSTALLED TO PREVENT A RIGHT TURN INTO VALLANCES ROAD, PREVENTING ISSUES ASSOCIATED WITH A LACK OF SIGHT DISTANCE.
- A BREAK IN THE MEDIAN STRIP WILL BE PROVIDED TO ALLOW A HRV RIGHT-HAND TURN FROM VALLANCES ROAD. THIS BREAK CAN BE REDUCED IN SIZE IF IT ONLY ALLOWS FOR AN MRV TURNING MOVEMENT.
- THE BREAK IN THE MEDIAN STRIP WILL NOT PHYSICALLY PREVENT A B85 VEHICLE RIGHT TURN MOVEMENT INTO VALLANCES ROAD.
- U-TURN BAY TO BE REINSTATED 300m NORTH OF INTERSECTION TO ALLOW ENTRANCE FROM WEST TO VALLANCES ROAD (REFER INSET FOR SATELLITE IMAGE).



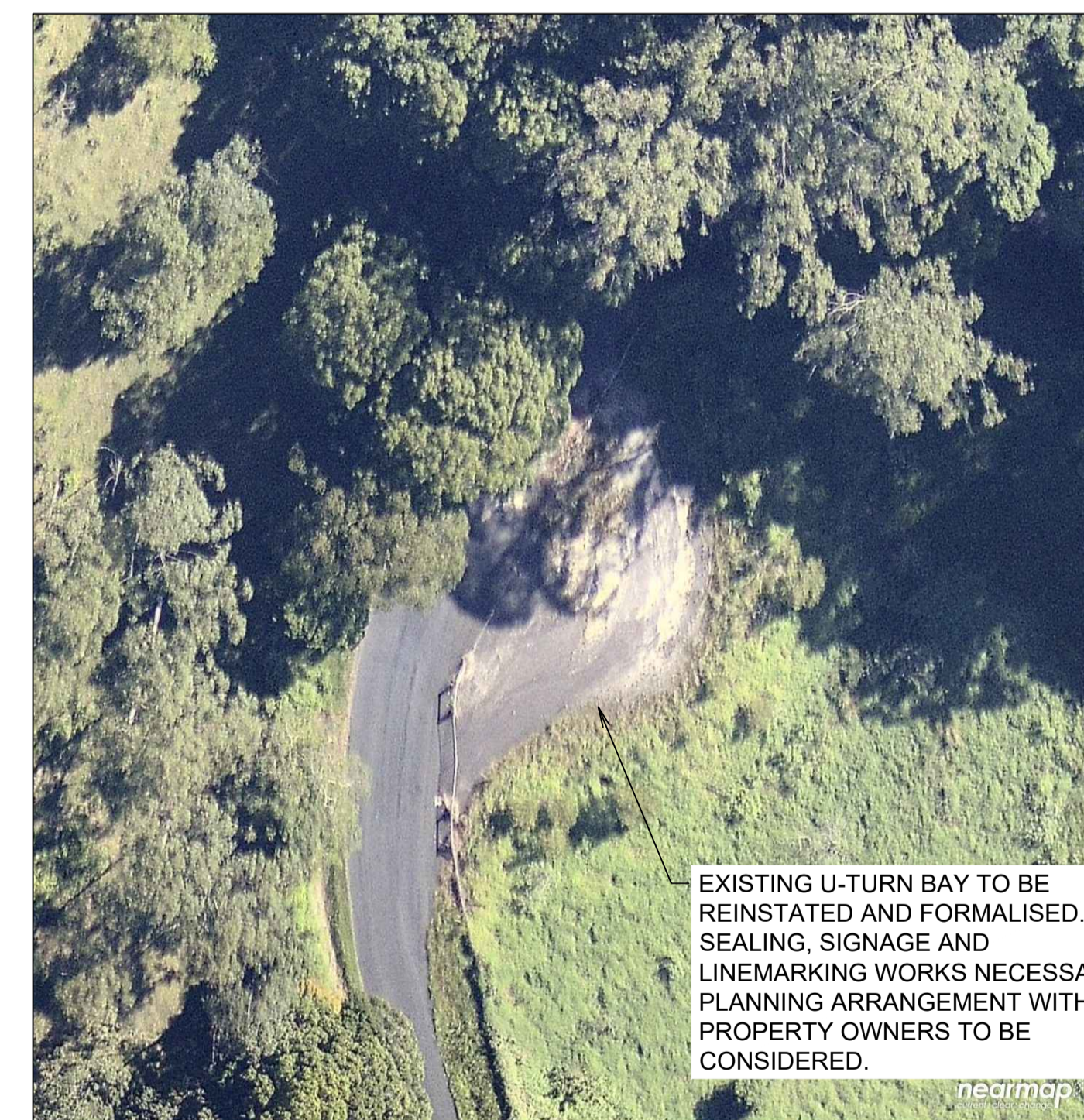
HRV - Heavy Rigid Vehicle	
Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

LEGEND

EXISTING HV UNDERGROUND ELEC	---	E
EXISTING MAJOR CONTOUR (2m INTERVALS)	- - - -	-36.00-
EXISTING MINOR CONTOURS	- - - -	
PROPOSED CONTOURS	---	36.00
PROPOSED EDGE OF EARTHWORKS	- - - -	
PROPOSED NEW ASPHALT PAVEMENT	█	
PROPOSED TREE REMOVAL	✗	
PROPOSED ROAD CENTRELINE LINEMARKING	==	
PROPOSED LANE CENTRELINE	- - - -	



B85 VEHICLE TURNING MOVEMENT (AUSTRALIAN STANDARDS) IS NOT PHYSICALLY PREVENTED FROM RIGHT TURN INTO VALLANCES ROAD.



REINSTATEMENT OF U-TURN BAY
(300m NORTH OF INTERSECTION)

SOURCE: NEARMAPS 2014

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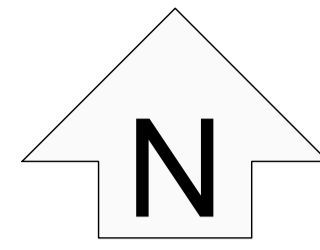
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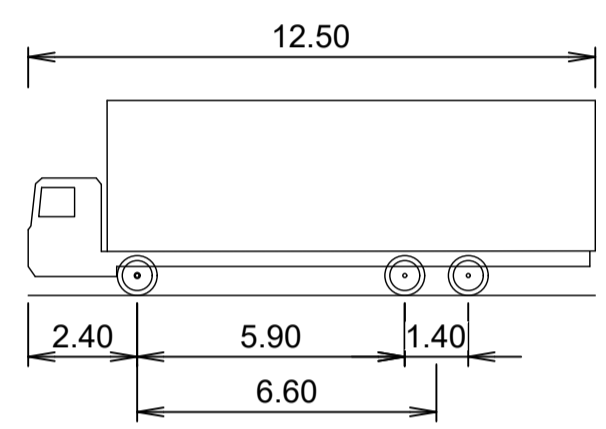
PROJECT:	VALLANCES ROAD MULLUMBIMBY
DRAWING TITLE:	COOLAMON SCENIC DRIVE & VALLANCES ROAD INTERSECTION OPTION 2A INSTALLATION OF A MEDIAN STRIP
ORIGINAL SIZE:	A1
PLANIT JOB No.:	J7574
DRAWING No.:	0012
REV:	A

INTERSECTION OPTION 2B NOTES

- CENTRELINE LINEMARKING AND SIGNAGE TO BE INSTALLED TO PREVENT RIGHT TURN INTO VALLANCES ROAD.
- U-TURN BAY TO BE REINSTATED 300m NORTH OF INTERSECTION TO ALLOW ENTRANCE FROM WEST TO VALLANCES ROAD.



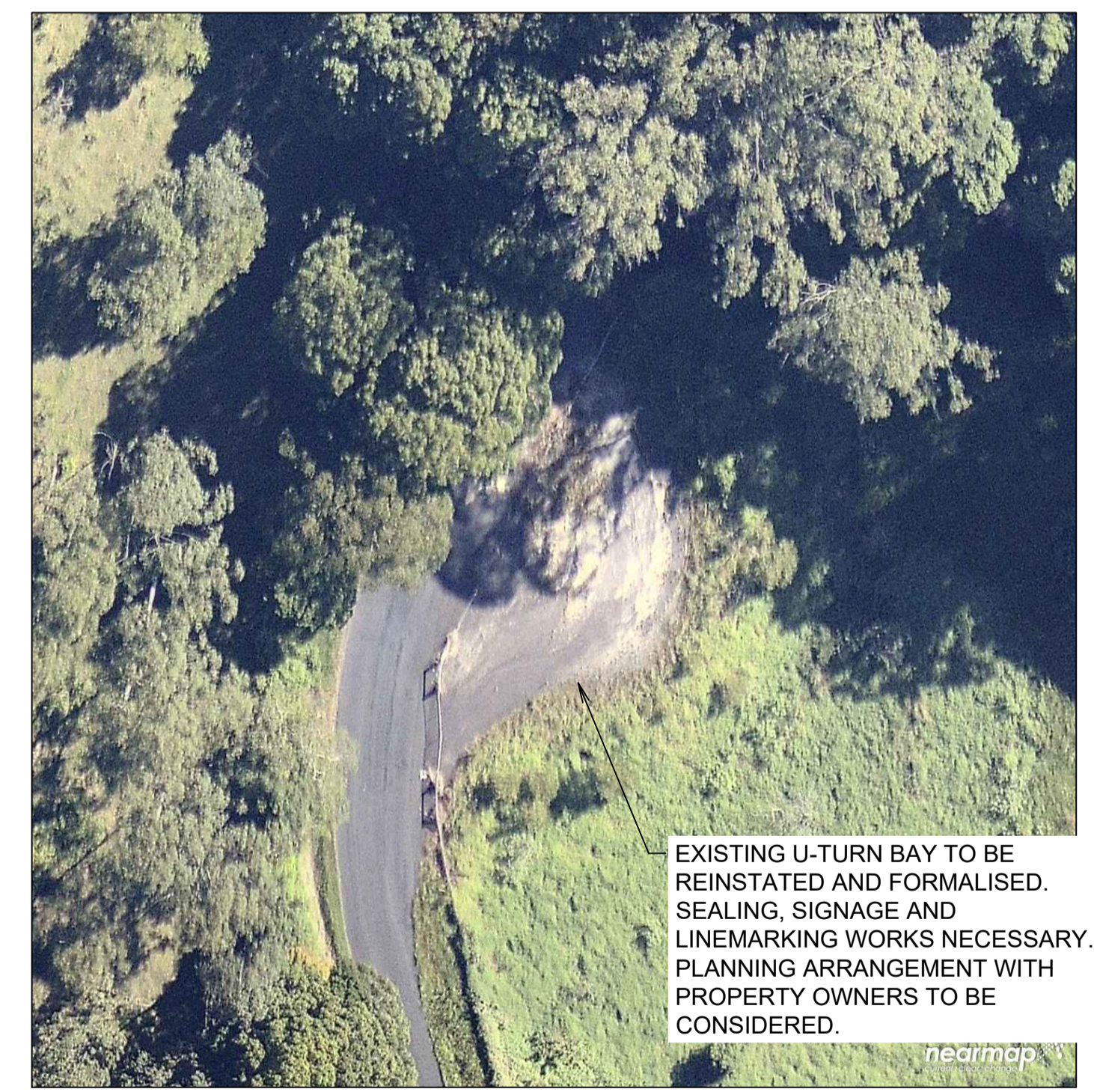
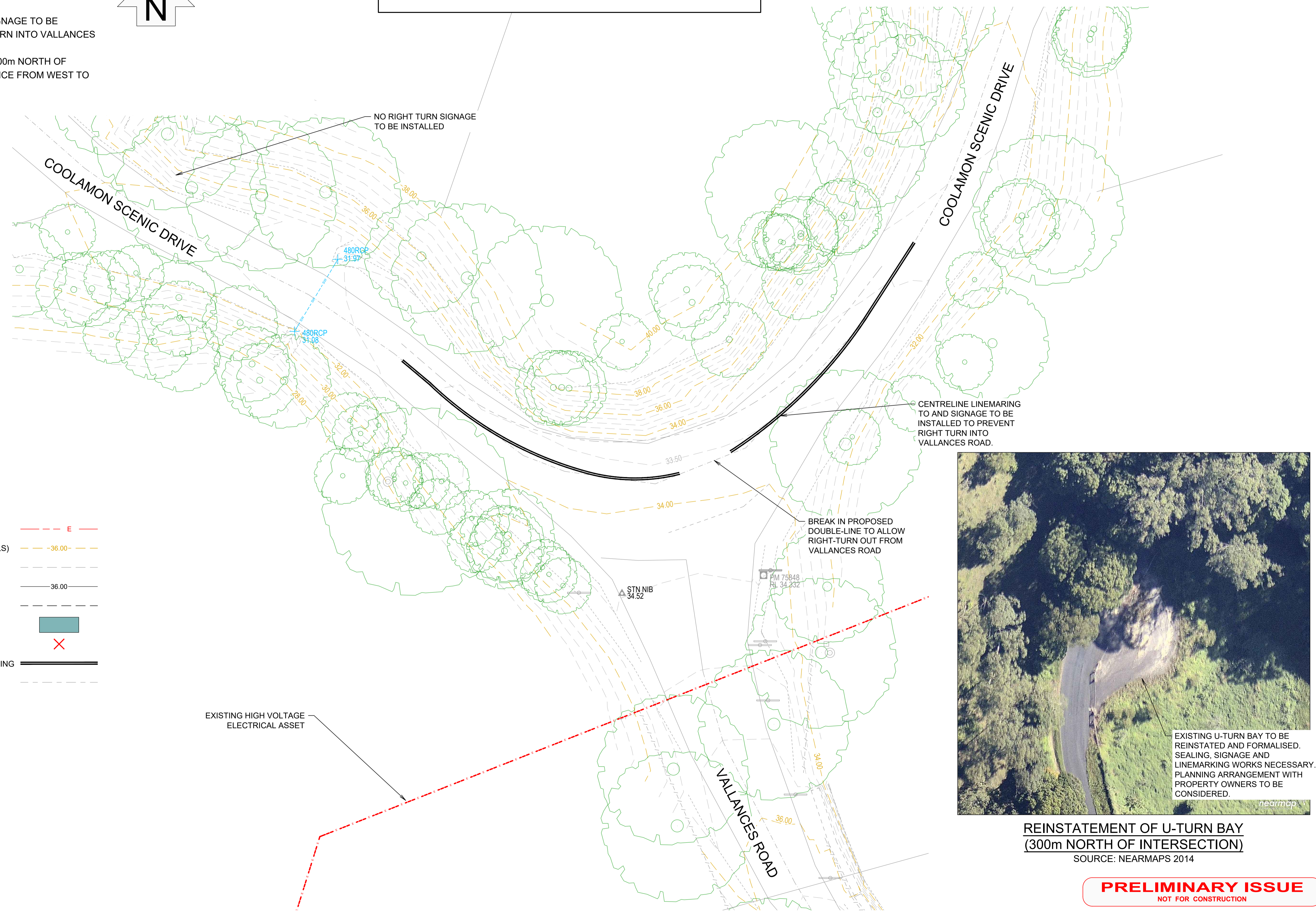
INTERSECTION OPTION 2B



HRV - Heavy Rigid Vehicle
 Overall Length 12.500m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.417m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m

LEGEND

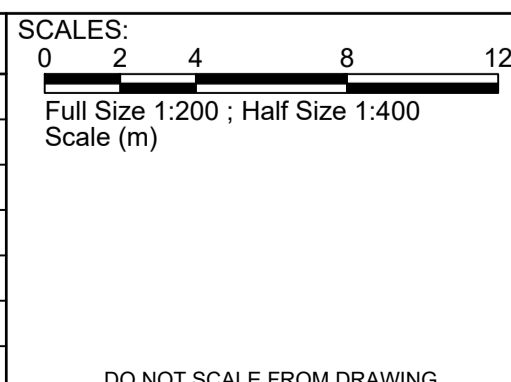
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- EXISTING MAJOR CONTOUR (2m INTERVALS) --- -36.00- ---
- EXISTING MINOR CONTOURS ---
- PROPOSED CONTOURS --- 36.00 ---
- PROPOSED EDGE OF EARTHWORKS ---
- PROPOSED NEW ASPHALT PAVEMENT
- PROPOSED TREE REMOVAL X
- PROPOSED ROAD CENTRELINE LINEMARKING
- PROPOSED LANE CENTRELINE



**REINSTATEMENT OF U-TURN BAY
 (300m NORTH OF INTERSECTION)**
 SOURCE: NEARMAPS 2014

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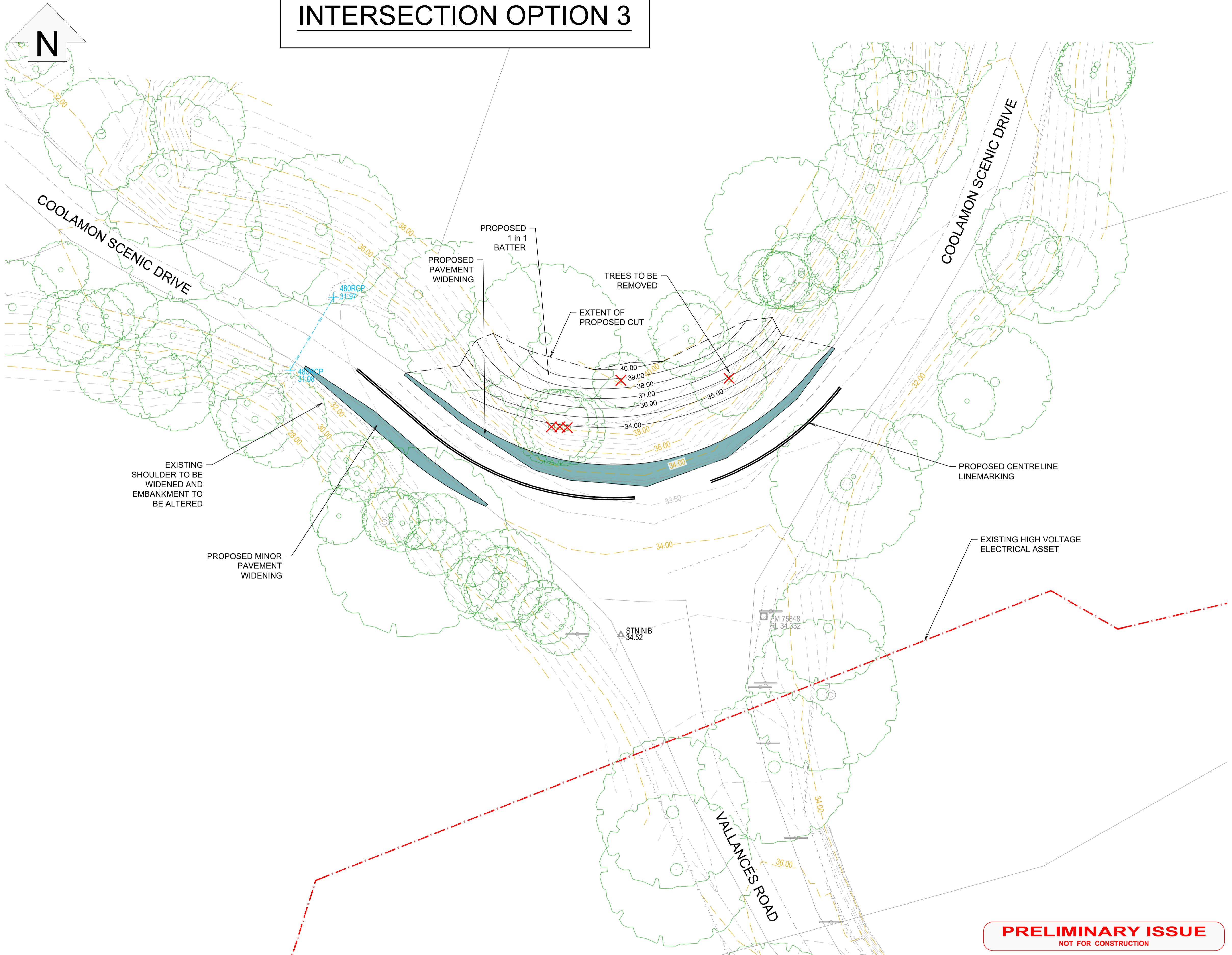
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LOCAL GOVERNMENT AUTHORITY:
BYRON SHIRE COUNCIL

PROJECT: VALLANCES ROAD MULLUMBIMBY	DRAWING TITLE: COOLAMON SCENIC DRIVE & VALLANCES ROAD INTERSECTION OPTION 2B LINEMARKING AND SIGNAGE TO PREVENT RIGHT TURN	ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0013	REV: A
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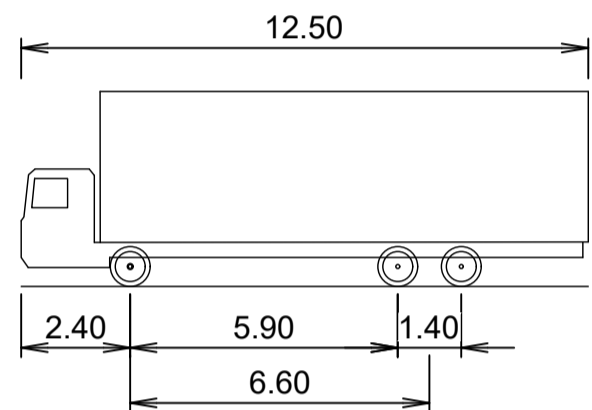
100mm AT ORIGINAL SIZE

INTERSECTION OPTION 3



INTERSECTION OPTION 3 NOTES

1. WIDENING NORTH OF COOLAMON SCENIC DRIVE TO IMPROVE CURVE RADIUS TO THE RECOMMENDED ABSOLUTE MINIMUM CURVE RADIUS IS 28m FOR AN OPERATING SPEED OF 40 km/h (AUSTRROADS GUIDE TO ROAD DESIGN PART 3 - TABLE 7.6)
2. VEGETATION TO BE CLEARED AND EMBANKMENT TO BE ALTERED NORTH OF COOLAMON SCENIC DRIVE TO ENSURE MINIMUM 38m SIGHT DISTANCE WHICH IS REQUIRED FOR TRUCKS AT AN OPERATING SPEED OF 40km/h (AUSTRROADS GUIDE TO ROAD DESIGN PART 3 - TABLE 5.6)
3. PROPOSED CENTRELINE LINEMARKING
4. MINOR PAVEMENT WIDENING SOUTH OF COOLAMON SCENIC DRIVE TO ALLOW WEST-BOUND THROUGH LANE. EMBANKMENT ALTERATION AND TREE REMOVAL NOT NEEDED.



HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

LEGEND

EXISTING HV UNDERGROUND ELEC	---	E
EXISTING MAJOR CONTOUR (2m INTERVALS)	- - - -	-36.00-
EXISTING MINOR CONTOURS	- - - -	
PROPOSED CONTOURS	—	36.00
PROPOSED EDGE OF EARTHWORKS	- - - -	
PROPOSED NEW ASPHALT PAVEMENT	█	
PROPOSED TREE REMOVAL	✗	
PROPOSED ROAD CENTRELINE LINEMARKING	==	
PROPOSED LANE CENTRELINE	- - - -	

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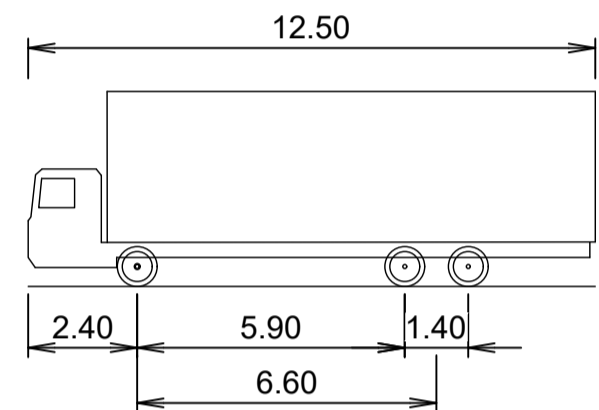
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LOCAL GOVERNMENT AUTHORITY:
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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: COOLAMON SCENIC DRIVE & VALLANCES ROAD INTERSECTION OPTION 3 WIDENING OF COOLAMON SCENIC DRIVE			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0014	REV: A

INTERSECTION OPTION 4 NOTES

1. WIDENING OF COOLAMON SCENIC DRIVE TO IMPROVE CURVE RADIUS TO THE RECOMMENDED ABSOLUTE MINIMUM CURVE RADIUS IS 28m FOR AN OPERATING SPEED OF 40 km/h (AUSTRoadS GUIDE TO ROAD DESIGN PART 3 - TABLE 7.6)
2. VEGETATION TO BE CLEARED AND NORTHERN EMBANKMENT TO BE ALTERED TO ENSURE MINIMUM 38m SIGHT DISTANCE IN INTERNAL LANE WHICH IS REQUIRED FOR TRUCKS AT AN OPERATING SPEED OF 40km/h (AUSTRoadS GUIDE TO ROAD DESIGN PART 3 - TABLE 5.6)
3. WIDENING SOUTH OF COOLAMON SCENIC DRIVE TO ALLOW WEST-BOUND THROUGH LANE. EMBANKMENT TO BE ALTERED AND SOME TREES WILL REQUIRE REMOVAL.

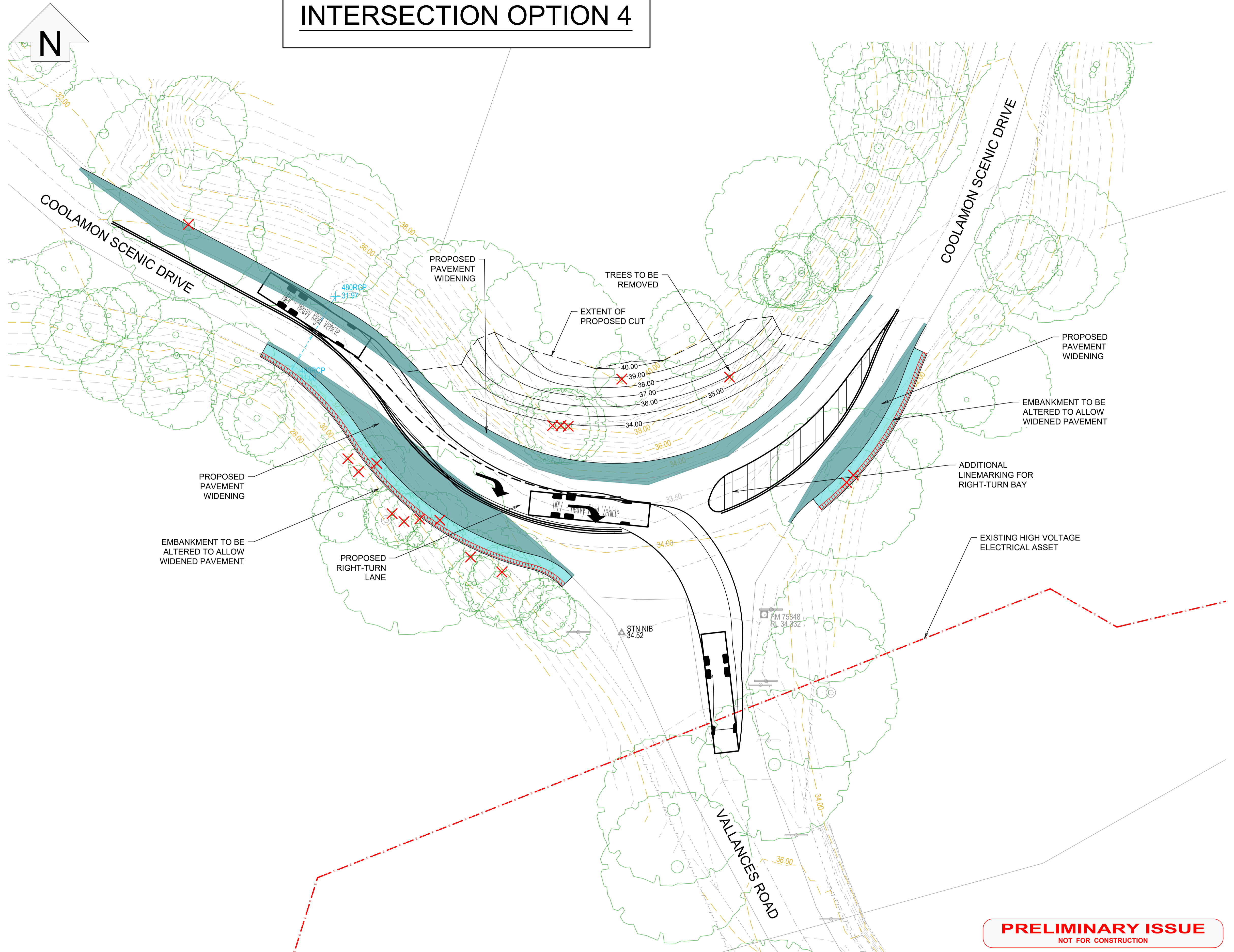


HRV - Heavy Rigid Vehicle
 Overall Length 12.500m
 Overall Width 2.500m
 Overall Body Height 4.300m
 Min Body Ground Clearance 0.417m
 Track Width 2.500m
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 12.500m

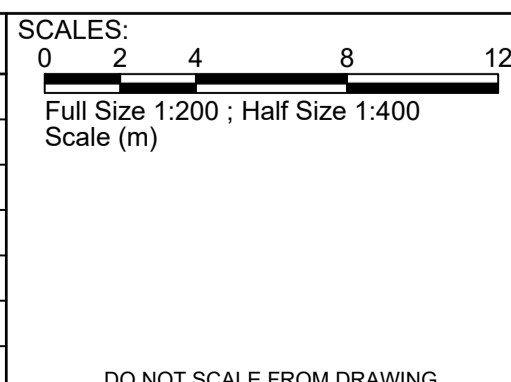
LEGEND

- EXISTING HV UNDERGROUND ELEC --- E ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- -36.00- ---
- EXISTING MINOR CONTOURS ---
- PROPOSED CONTOURS --- 36.00 ---
- PROPOSED EDGE OF EARTHWORKS --- - - - ---
- PROPOSED NEW ASPHALT PAVEMENT
- PROPOSED SHOULDER
- PROPOSED SAFETY BARRIER
- PROPOSED TREE REMOVAL X
- PROPOSED ROAD CENTRELINE LINEMARKING
- PROPOSED LANE CENTRELINE

INTERSECTION OPTION 4



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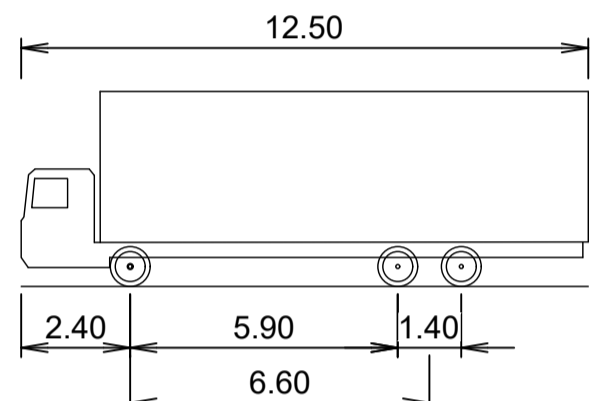
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LOCAL GOVERNMENT AUTHORITY:
BYRON SHIRE COUNCIL

PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: COOLAMON SCENIC DRIVE & VALLANCES ROAD INTERSECTION OPTION 4 ROAD WIDENING WITH TURNING LANES			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0015	REV: A

INTERSECTION OPTION 5 NOTES

1. WIDENING NORTH OF COOLAMON SCENIC DRIVE TO IMPROVE CURVE RADIUS TO THE RECOMMENDED ABSOLUTE MINIMUM CURVE RADIUS IS 28m FOR AN OPERATING SPEED OF 40 km/h (AUSTRoadS GUIDE TO ROAD DESIGN PART 3 - TABLE 7.6).
2. VEGETATION TO BE CLEARED AND EMBANKMENT TO BE ALTERED NORTH OF COOLAMON SCENIC DRIVE TO ENSURE MINIMUM 38m SIGHT DISTANCE WHICH IS REQUIRED FOR TRUCKS AT AN OPERATING SPEED OF 40km/h (AUSTRoadS GUIDE TO ROAD DESIGN PART 3 - TABLE 5.6)
4. MINOR PAVEMENT WIDENING SOUTH OF COOLAMON SCENIC DRIVE TO ALLOW WEST-BOUND THROUGH LANE. EMBANKMENT ALTERATION AND TREE REMOVAL NOT NEEDED.
5. SOUTH-EAST & SOUTH-WEST EMBANKMENT TO REMAIN AS EXISTING.
6. CONSIDERATION WILL BE NEEDED REGARDING SIGNAGE APPROACHING THE ROUNDABOUT, GIVEN THIS IS AN UNEXPECTED LOCATION FOR A ROUNDABOUT. ADDITIONAL APPROACH WARNING SIGNS WILL BE REQUIRED ON EACH SIDE OF THE INTERSECTION ALONG COOLAMON SCENIC DRIVE.



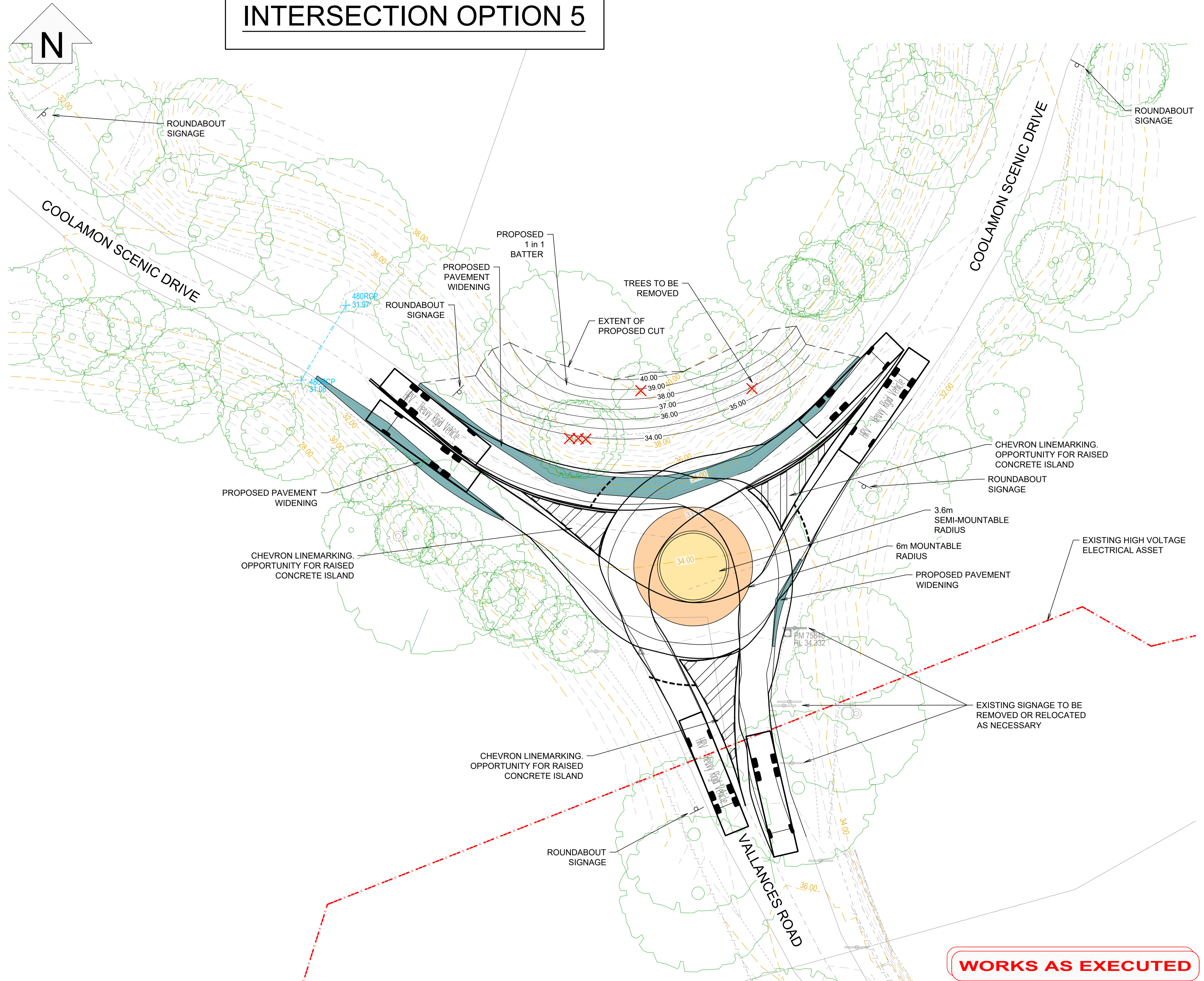
HRV - Heavy Rigid Vehicle

Overall Length	12.500m
Overall Width	2.500m
Overall Body Height	4.300m
Min Body Ground Clearance	0.417m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

LEGEND

EXISTING HV UNDERGROUND ELEC	---
EXISTING MAJOR CONTOUR (2m INTERVALS)	-36.00-
EXISTING MINOR CONTOURS	---
PROPOSED CONTOURS	-36.00-
PROPOSED EDGE OF EARTHWORKS	---
PROPOSED NEW ASPHALT PAVEMENT	[Blue Box]
PROPOSED SHOULDER	[Light Blue Box]
PROPOSED INNER CONCRETE ROUNDABOUT	[Yellow Box]
PROPOSED OUTER TRAFFICABLE ROUNDABOUT	[Orange Box]
PROPOSED SAFETY BARRIER	[Red Hatched Box]
PROPOSED TREE REMOVAL	[Red X]
PROPOSED ROAD CENTRELINE LINEMARKING	[Double Line]
PROPOSED LANE CENTRELINE	[Dashed Line]

INTERSECTION OPTION 5



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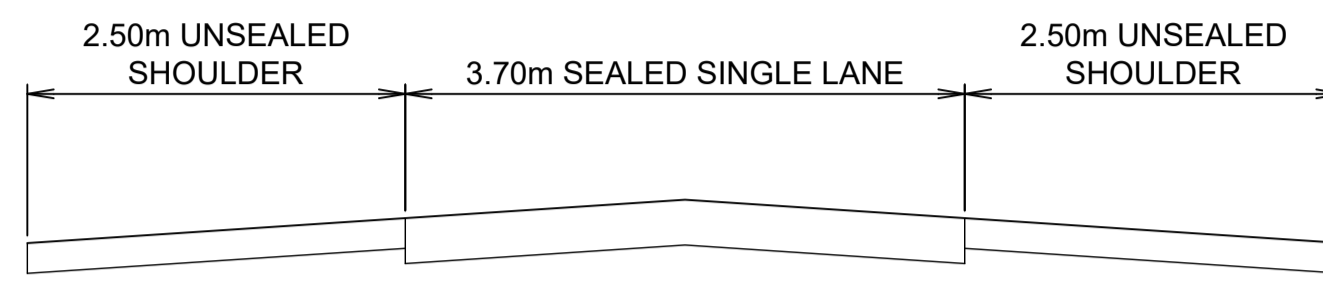
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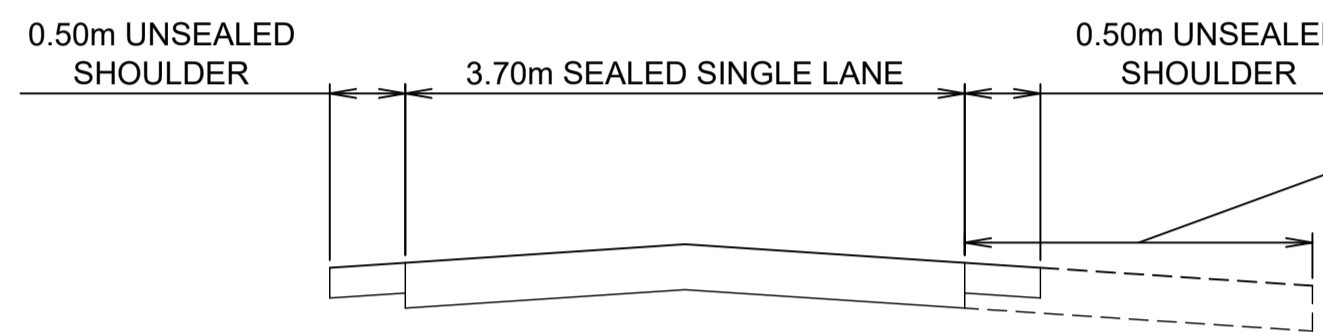
LOCAL GOVERNMENT AUTHORITY:
BYRON SHIRE COUNCIL

PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: COOLAMON SCENIC DRIVE & VALLANCES ROAD INTERSECTION OPTION 5 MOUNTABLE ROUNDABOUT			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0016	REV: A

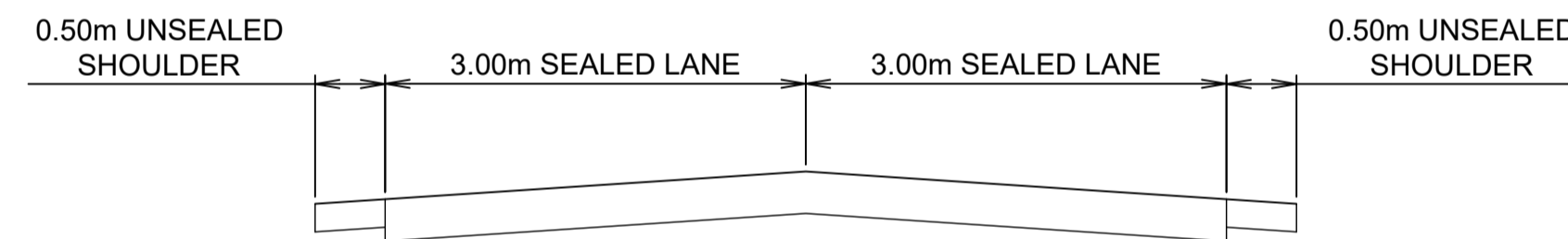
VALLANCES ROAD OPTIONS - CROSS SECTIONS



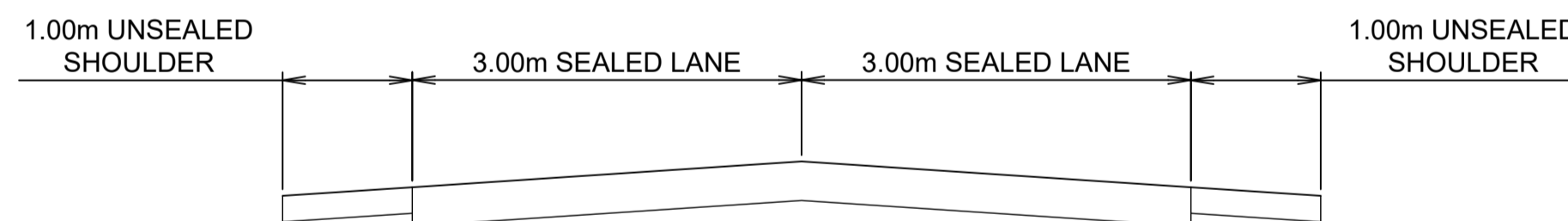
OPTION 1A
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



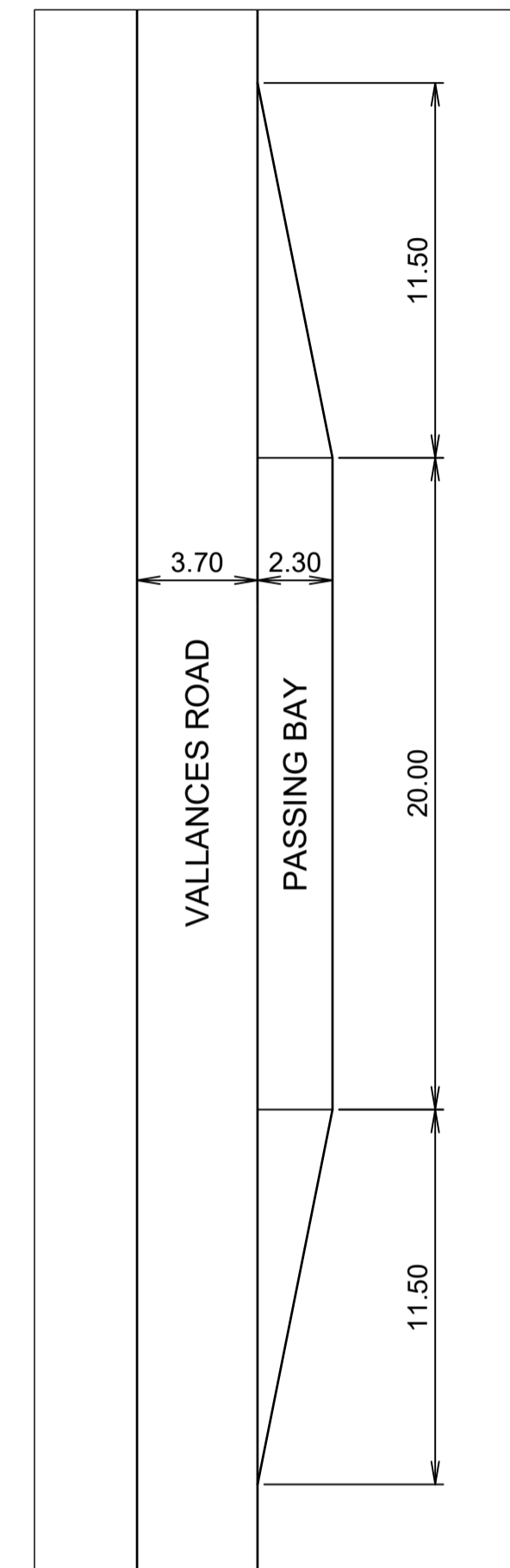
OPTION 1B
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



OPTION 2
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



OPTION 3
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



TYPICAL PASSING BAY
SCALE - 1:200

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A	PRELIMINARY ISSUE	26.07.22	JM	JM	SM	

SCALES:
0 2 4 8 12
Full Size 1:200; Half Size 1:400
Scale (m)

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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: VALLANCES ROAD OPTIONS CROSS SECTIONS			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0020	REV: A

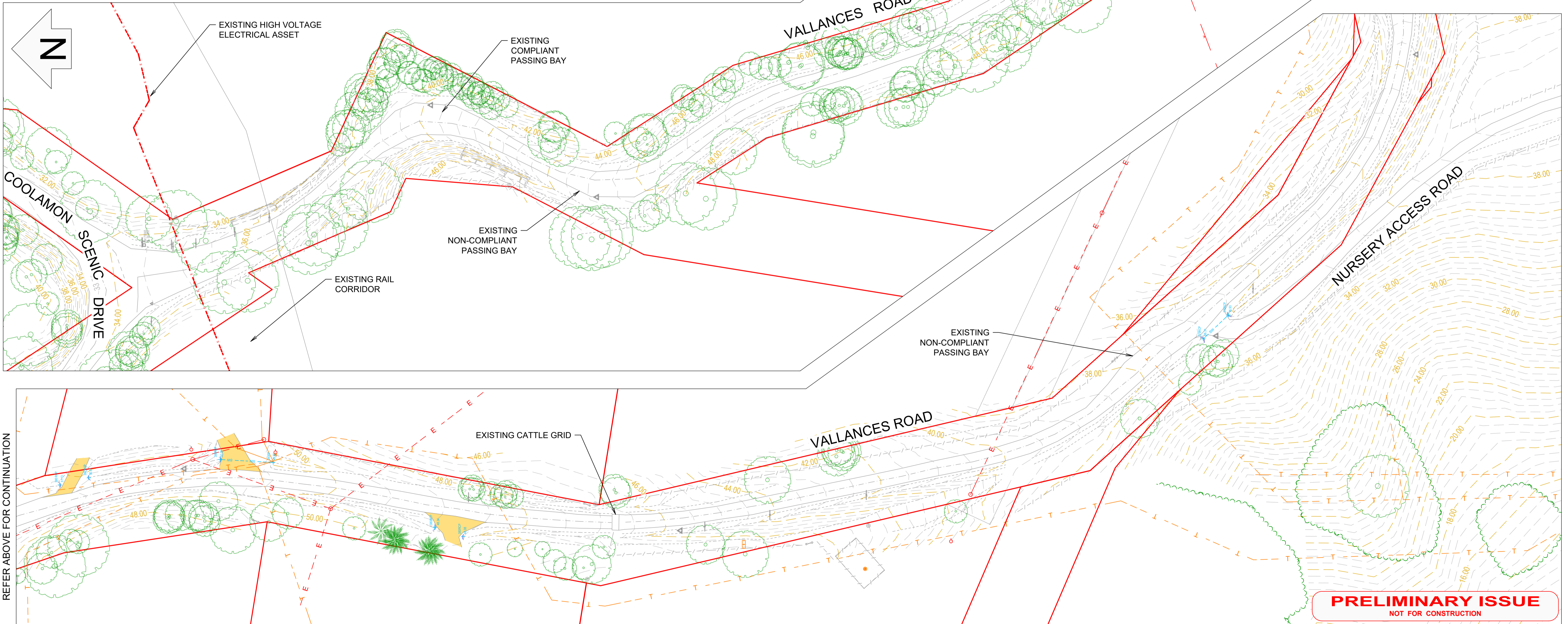
VALLANCES ROAD - EXISTING CONDITIONS NOTES

1. THE EXISTING ROAD HAS A TYPICAL MINIMUM WIDTH OF 3.7m, WHICH BECOMES WIDER IN SOME LOCATIONS.
2. THE EXISTING PASSING BAYS DO NOT MEET NSW RURAL FIRE SERVICE STANDARD REQUIREMENTS (20m IN LENGTH AT MINIMUM 200m INTERVALS).
3. OPTION 1B WILL IMPROVE EXISTING PASSING BAYS TO MEET NSW RURAL FIRE SERVICE STANDARD REQUIREMENTS

**VALLANCES ROAD
EXISTING CONDITIONS**

LEGEND

EXISTING ELECTRICITY	- - - - E - - - -
EXISTING TELECOMMUNICATIONS	- - - - T - - - -
EXISTING MAJOR CONTOUR (2m INTERVALS)	- - - - 36.00 - - - -
EXISTING MINOR CONTOURS	- - - - - - - -
EXISTING CROSSOVER	



REFER ABOVE FOR CONTINUATION

REFER BELOW FOR CONTINUATION

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A	PRELIMINARY ISSUE	26.07.22	JM	JM	SM	

SCALE: 0 5 10 20 30

Full Size 1:500; Half Size 1:1000
Scale (m)

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PROJECT:
VALLANCES ROAD MULLUMBIMBY

DRAWING TITLE:
VALLANCES ROAD ROAD TO REMAIN AS EXISTING

ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0021	REV: A
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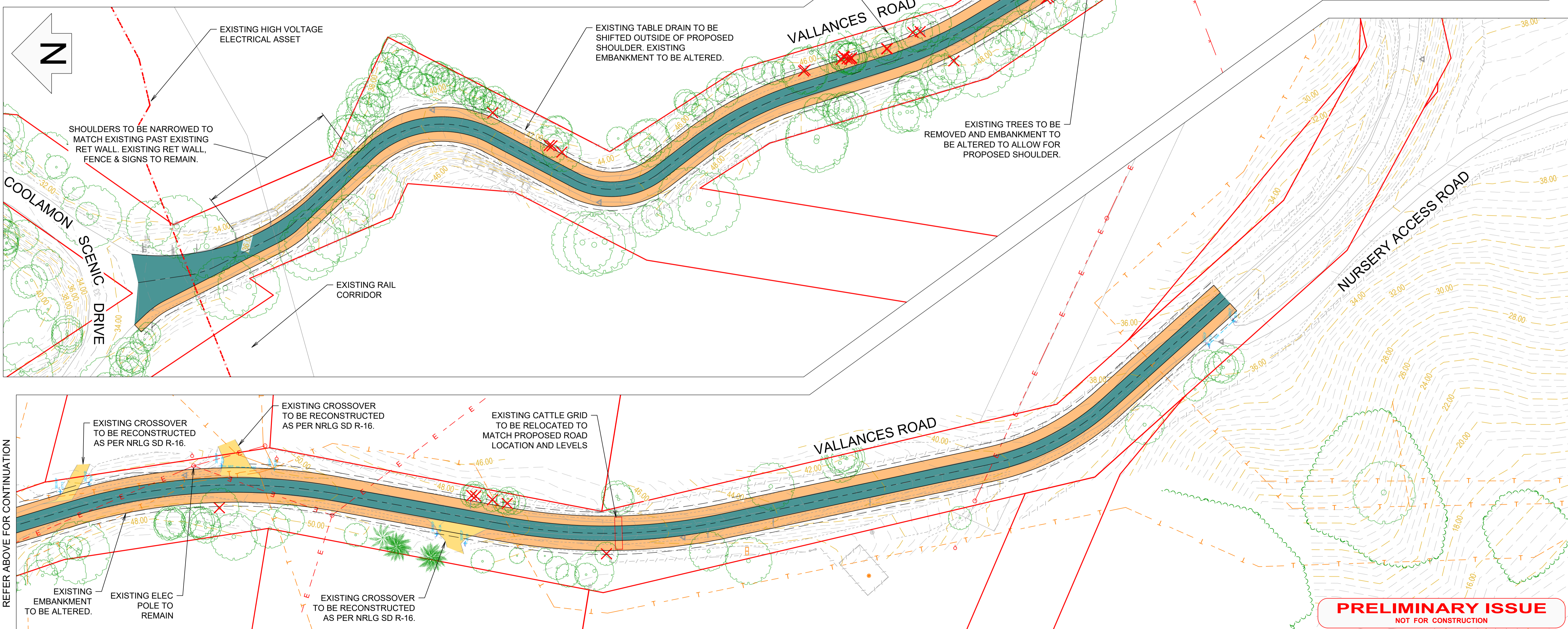
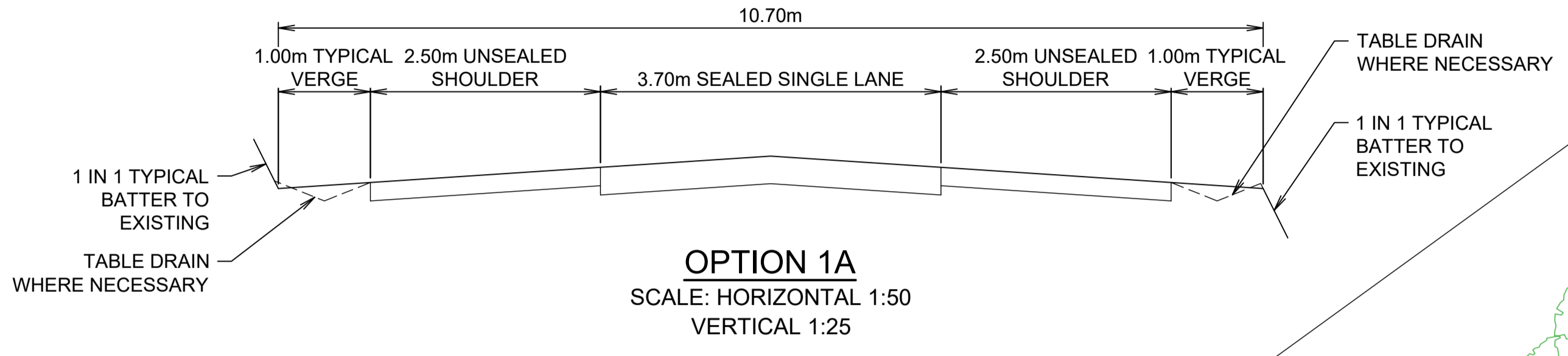
VALLANCES ROAD OPTION 1A NOTES

1. THE TOTAL WIDTH OF PROPOSED ROAD IS 10.70m INCLUSIVE OF A 1m VERGE/TABLE DRAIN. THIS IS THE WIDEST CROSS SECTIONAL OPTION, WHICH WILL REQUIRE MORE WORKS ON EXISTING EMBANKMENTS, TABLE DRAINS, CROSSEVERS AND TREE REMOVAL.
2. THE PROPOSED SINGLE SEALED LANE (3.70m SEALED) COULD PROVIDE COST SAVING AS LESS BITUMEN IS REQUIRED COMPARED TO A TWO-LANE ROAD OPTION.
3. OPPORTUNITIES TO UTILISE SECTIONS OF EXISTING SEALED PAVEMENT

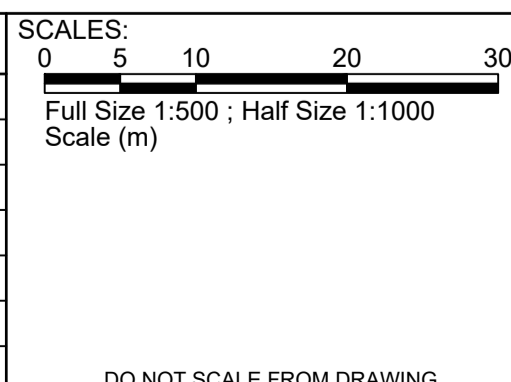
LEGEND

EXISTING ELECTRICITY	- - - - E - - - -
EXISTING TELECOMMUNICATIONS	- - - - T - - - -
EXISTING MAJOR CONTOUR (2m INTERVALS)	- - - - 36.00 - - - -
EXISTING MINOR CONTOURS	- - - - - - - -
PROPOSED SEALED ROAD PAVEMENT	
PROPOSED SEALED ROAD SHOULDER	
EXISTING CROSSOVER	
PROPOSED TREE REMOVAL	

VALLANCES ROAD OPTION 1A



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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: VALLANCES ROAD OPTION 1A SINGLE LANE WITH 2.5m WIDE SHOULDERS			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0022	REV: A

100mm AT ORIGINAL SIZE

REFER BELOW FOR CONTINUATION

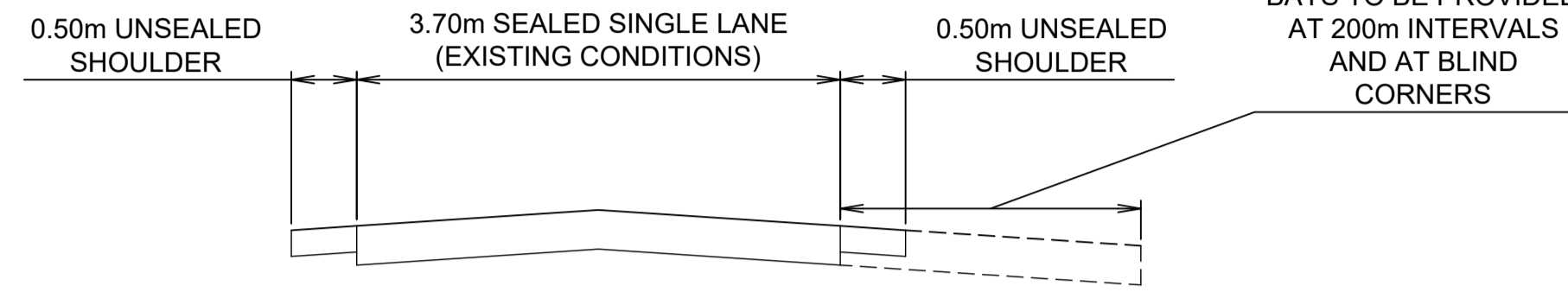
REFER ABOVE FOR CONTINUATION

VALLANCES ROAD OPTION 1B NOTES

1. THE EXISTING ROAD HAS A TYPICAL MINIMUM WIDTH OF 3.7m, WHICH BECOMES WIDER IN SOME LOCATIONS.
2. THE EXISTING PASSING BAYS DO NOT MEET NSW RURAL FIRE SERVICE STANDARD REQUIREMENTS (20m IN LENGTH AT MINIMUM 200m INTERVALS).
3. ADDITIONAL PAVEMENT REQUIRED ON 3 EXISTING PASSING BAYS TO MEET NSW RURAL FIRE SERVICE STANDARD REQUIREMENTS
4. ONE NEW PASSING BAY TO BE PROVIDED TO ACHIEVE 200m MAXIMUM SPACING AS PER NSW RURAL FIRE SERVICE STANDARD REQUIREMENTS

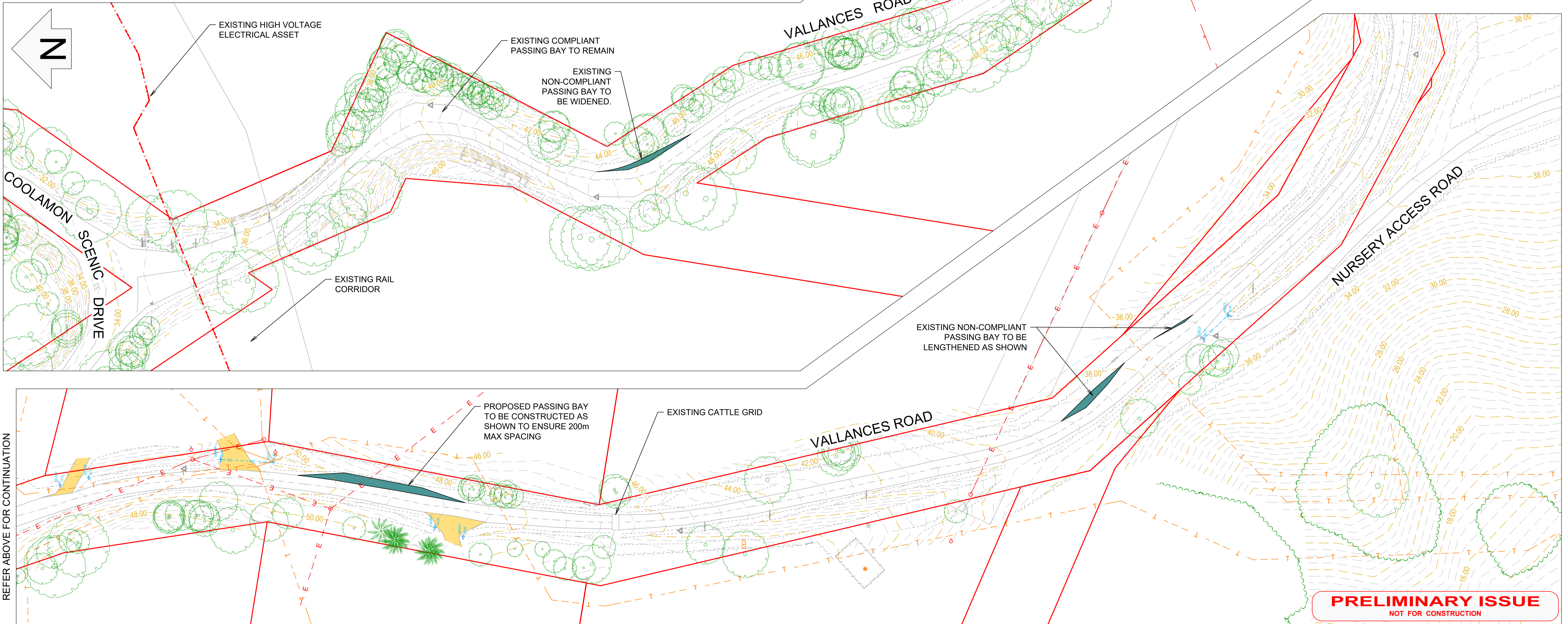
LEGEND

- EXISTING ELECTRICITY --- E ---
- EXISTING TELECOMMUNICATIONS --- T ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- -36.00 ---
- EXISTING MINOR CONTOURS --- -
- PROPOSED SEALED ROAD PAVEMENT
- PROPOSED SEALED ROAD SHOULDER
- EXISTING CROSSOVER X
- PROPOSED TREE REMOVAL X



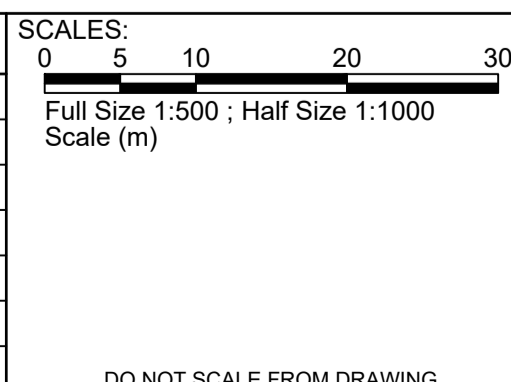
OPTION 1B
SCALE: HORIZONTAL 1:50
VERTICAL 1:25

VALLANCES ROAD - OPTION 1B



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PROJECT:
VALLANCES ROAD MULLUMBIMBY
DRAWING TITLE:
**VALLANCES ROAD
OPTION 1B
EXISTING PASSING BAYS TO BE IMPROVED**
ORIGINAL SIZE: **A1** | PLANIT JOB No.: **J7574** | DRAWING No.: **0023** | REV: **A**

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REFER ABOVE FOR CONTINUATION

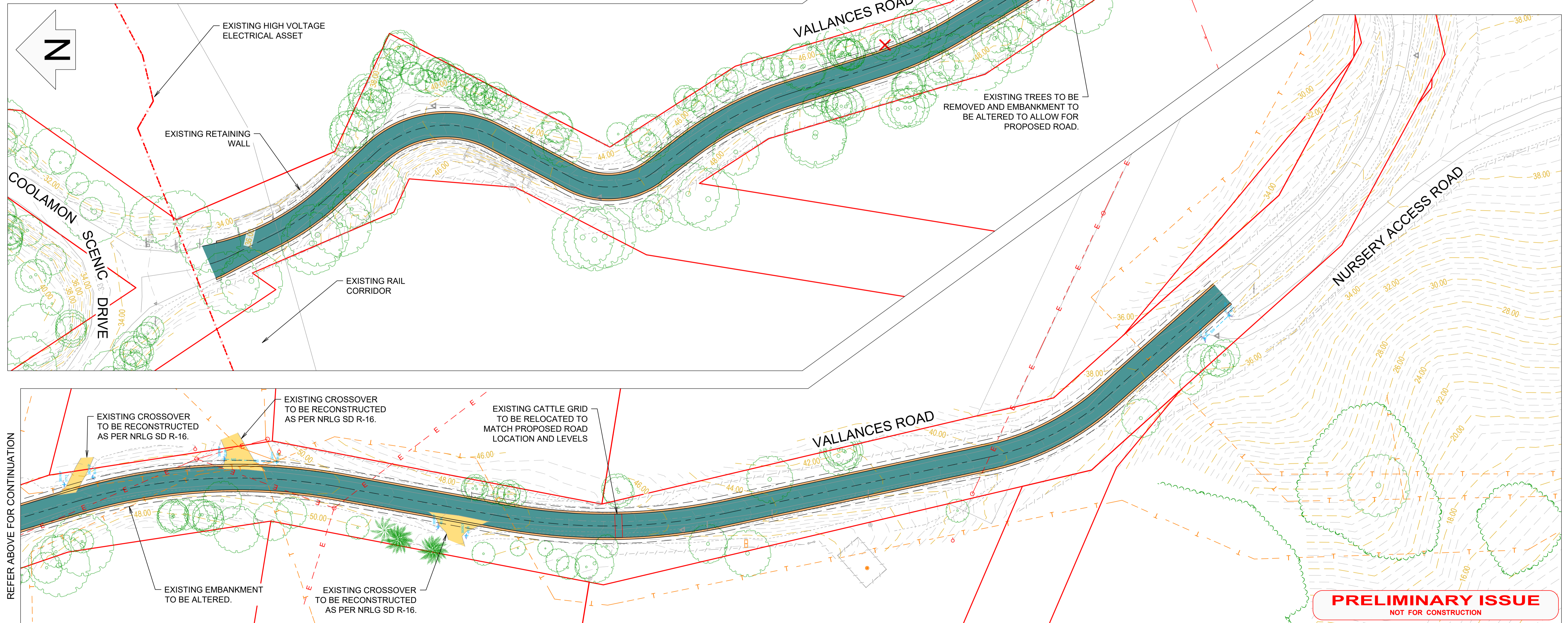
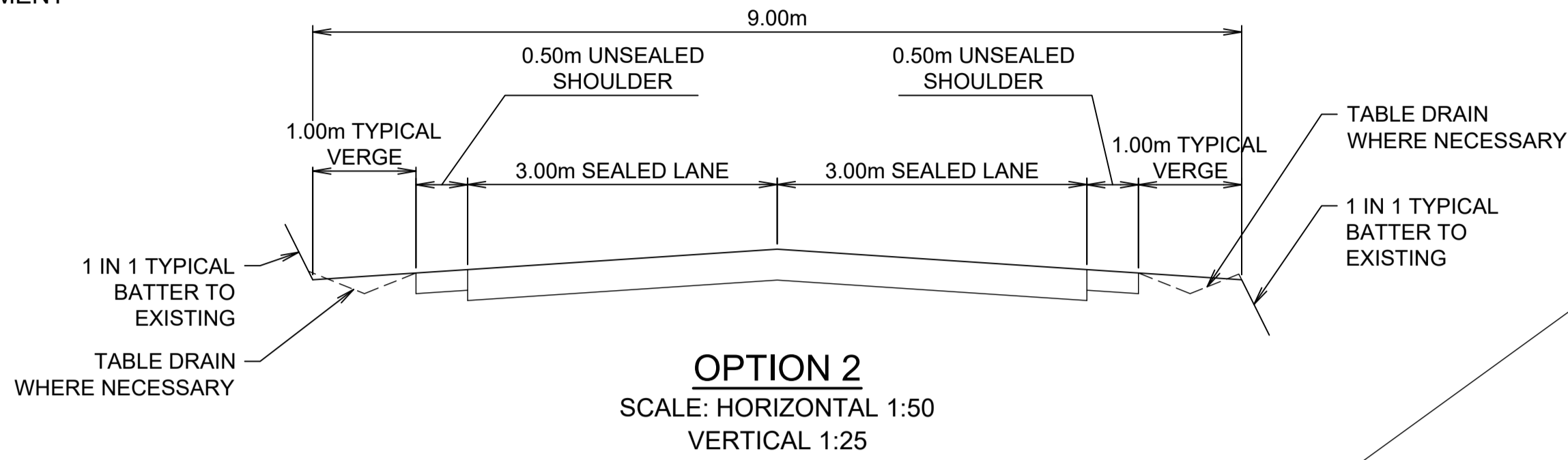
VALLANCES ROAD OPTION 2 NOTES

1. THE TOTAL WIDTH OF PROPOSED ROAD IS 9.00m INCLUSIVE OF A 1m VERGE/TABLE DRAIN. THIS IS A NARROWER CROSS-SECTION THAN OPTION 1A, MEANING LESS WORKS ARE REQUIRED ON EXISTING EMBANKMENTS, TABLE DRAINS, CROSSOVERS AND TREE REMOVAL.
2. THE PROPOSED DOUBLE SEALED LANE (6.00m SEALED WIDTH) ROAD REQUIRES MORE ASPHALT THAN THE ONE-LANE ROAD OPTIONS.
3. OPPORTUNITIES TO UTILISE SECTIONS OF EXISTING SEALED PAVEMENT

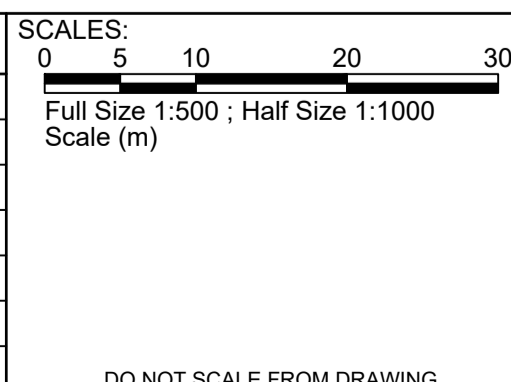
VALLANCES ROAD OPTION 2

LEGEND

EXISTING ELECTRICITY	- - - - E - - - -
EXISTING TELECOMMUNICATIONS	- - - - T - - - -
EXISTING MAJOR CONTOUR (2m INTERVALS)	- - - - 36.00 - - - -
EXISTING MINOR CONTOURS	- - - - - - - -
PROPOSED SEALED ROAD PAVEMENT	
PROPOSED SEALED ROAD SHOULDER	
EXISTING CROSSOVER	
PROPOSED TREE REMOVAL	



REV	DESCRIPTION	DATE	DRAWN	DESIGN	CHECK	APPROVED
A	PRELIMINARY ISSUE	26.07.22	JM	JM	SM	



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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: VALLANCES ROAD OPTION 2 TWO LANE ROAD, 0.5m WIDE SHOULDERS			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0024	REV: A

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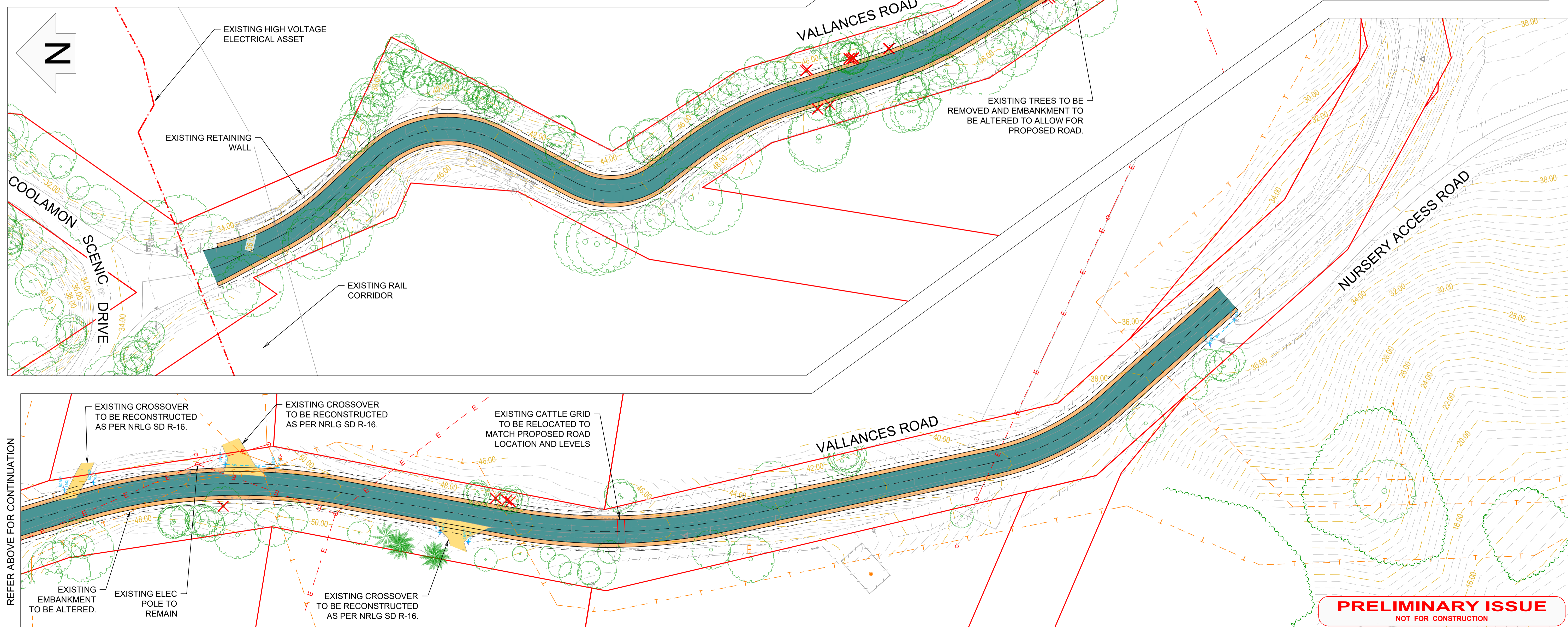
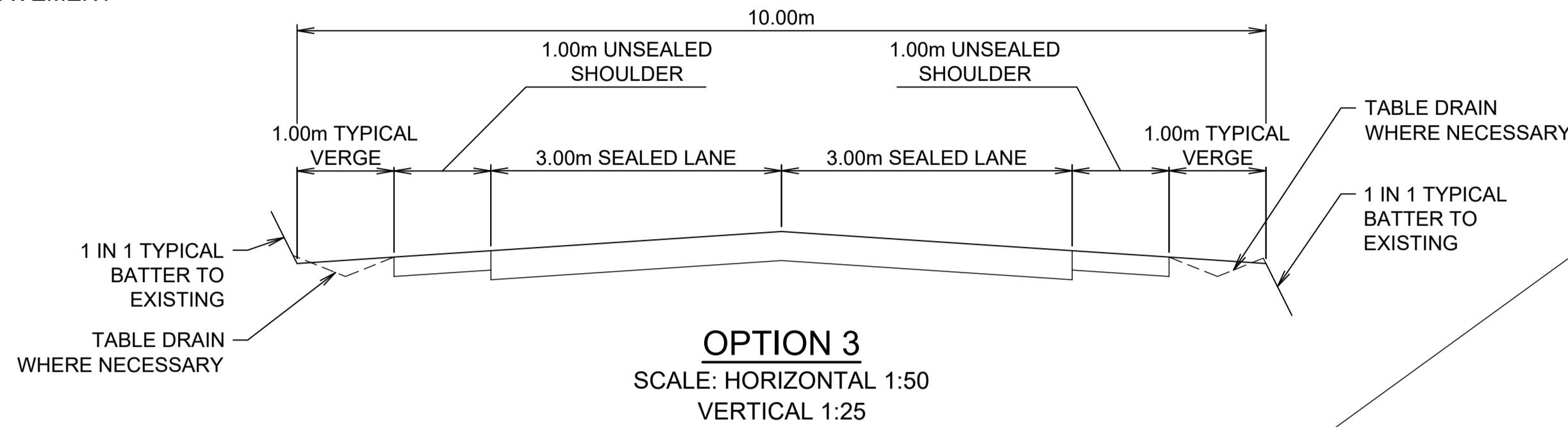
VALLANCES ROAD OPTION 3 NOTES

1. THE TOTAL WIDTH OF PROPOSED ROAD IS 10.00m INCLUSIVE OF A 1m VERGE/TABLE DRAIN. THIS IS A NARROWER CROSS-SECTION THAN OPTION 1A, MEANING LESS WORKS ARE REQUIRED ON EXISTING EMBANKMENTS, TABLE DRAINS, CROSSOVERS AND TREE REMOVAL.
2. THE PROPOSED DOUBLE SEALED LANE (6.00m SEALED WIDTH) ROAD REQUIRES MORE ASPHALT THAN THE ONE-LANE ROAD OPTIONS.
3. OPPORTUNITIES TO UTILISE SECTIONS OF EXISTING SEALED PAVEMENT

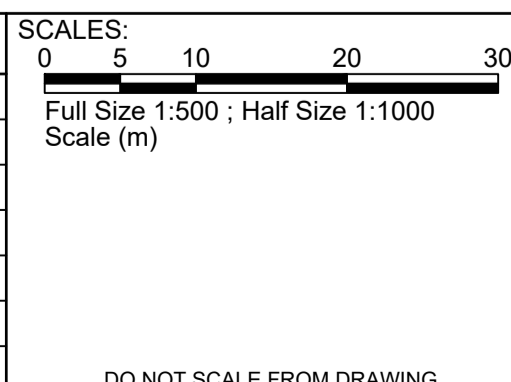
VALLANCES ROAD OPTION 3

LEGEND

EXISTING ELECTRICITY	- - - - E - - - -
EXISTING TELECOMMUNICATIONS	- - - - T - - - -
EXISTING MAJOR CONTOUR (2m INTERVALS)	- - - - 36.00 - - - -
EXISTING MINOR CONTOURS	- - - - - - - -
PROPOSED SEALED ROAD PAVEMENT	
PROPOSED SEALED ROAD SHOULDER	
EXISTING CROSSOVER	
PROPOSED TREE REMOVAL	X



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PROJECT:
VALLANCES ROAD MULLUMBIMBY

DRAWING TITLE:
**VALLANCES ROAD
OPTION 3
TWO LANE ROAD, 1.0m WIDE SHOULDERS**

ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0025	REV: A
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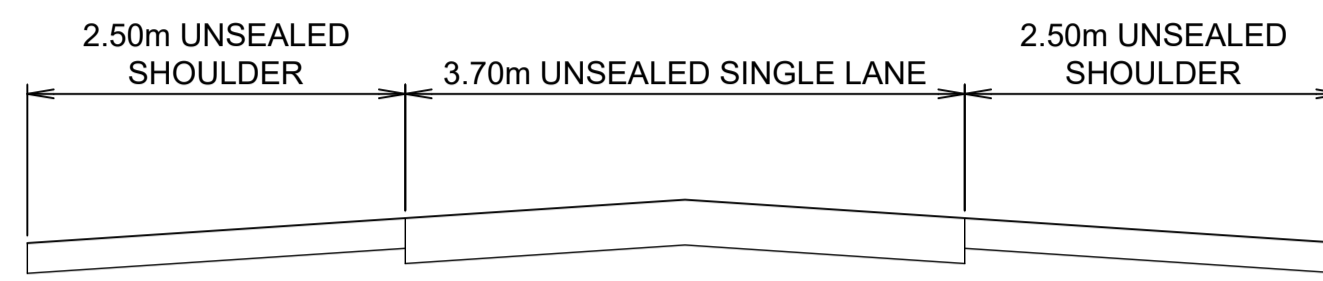
100mm AT ORIGINAL SIZE

REFER BELOW FOR CONTINUATION

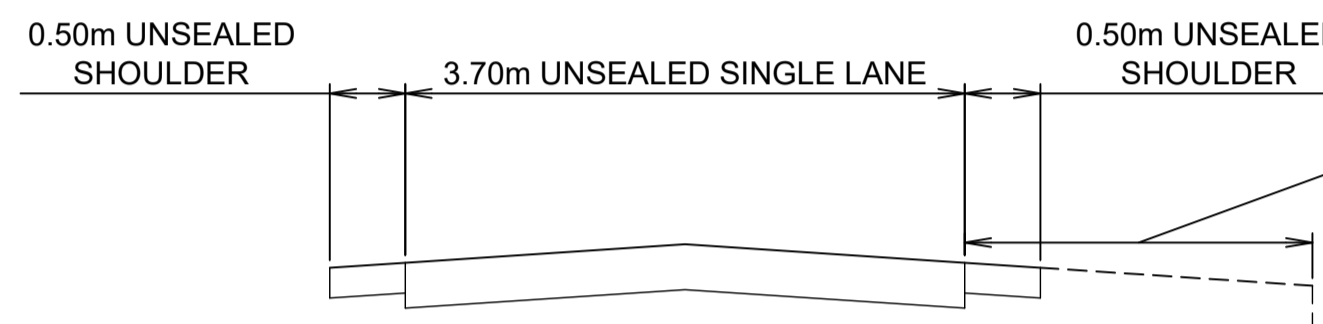
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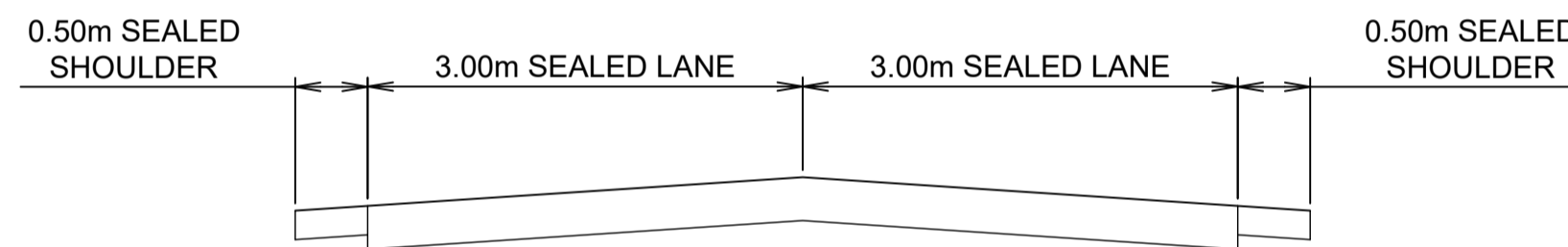
NURSERY ACCESS ROAD OPTIONS - CROSS SECTIONS



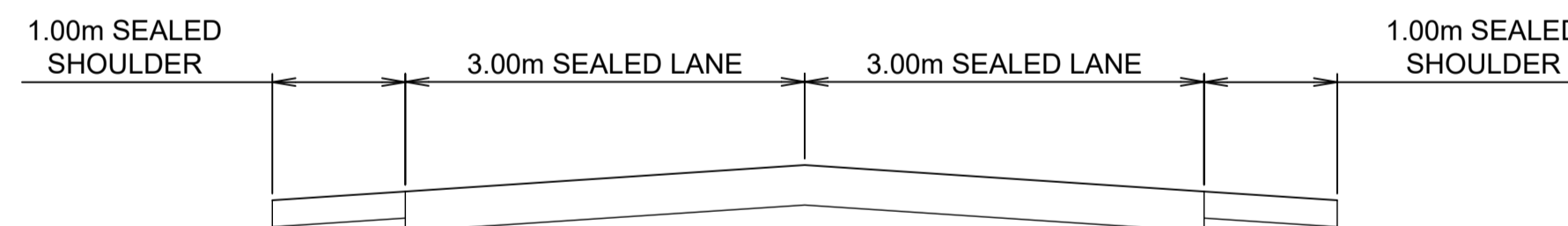
OPTION 1A & 1C
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



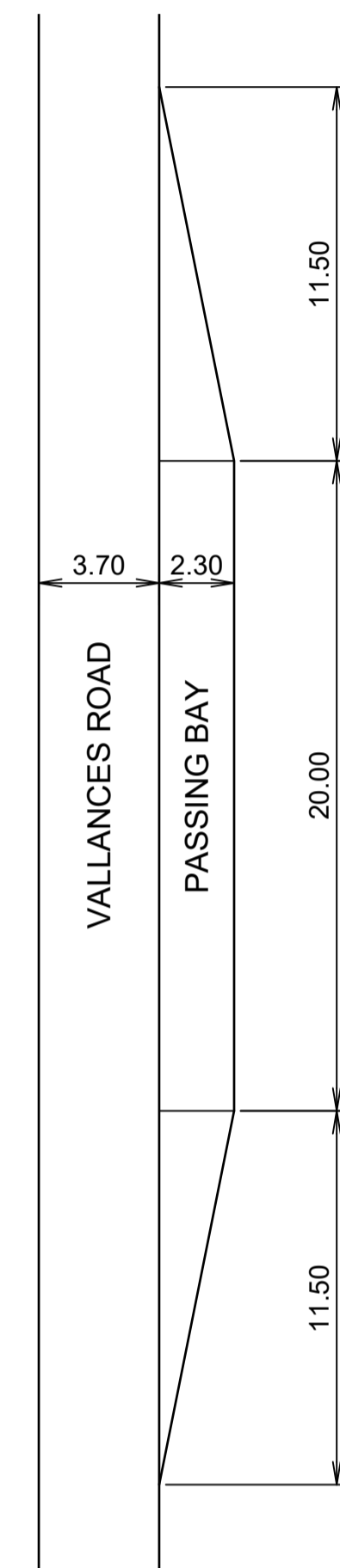
OPTION 1B & 1D
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



OPTION 2
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



OPTION 3
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



TYPICAL PASSING BAY
SCALE - 1:200

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<p>SCALES:</p> <p>0 2 4 8 12</p> <p>Full Size 1:200 ; Half Size 1:400 Scale (m)</p> <p>0 0.5 1 2 3</p> <p>Full Size 1:50 ; Half Size 1:100 Scale (m)</p> <p>0 0.25 0.5 1.0 1.5</p> <p>Full Size 1:25 ; Half Size 1:50 Scale (m)</p> <p style="font-size: small;">DO NOT SCALE FROM DRAWING</p>

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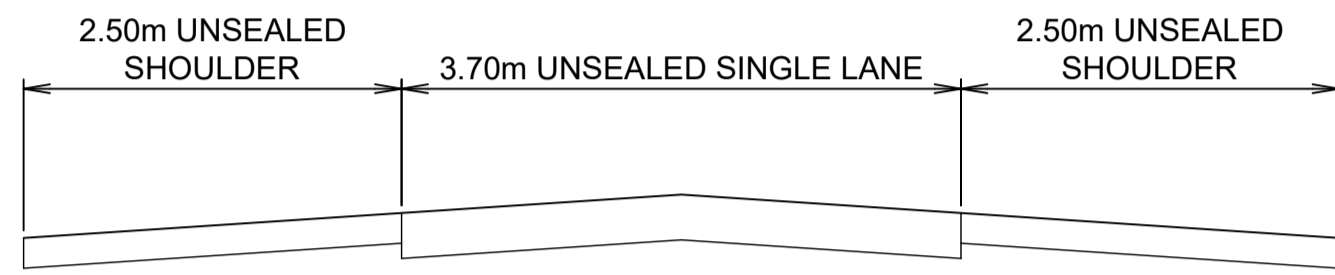
LOCAL GOVERNMENT AUTHORITY:
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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: NUSERY ACCESS ROAD OPTIONS			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0030	REV: A

NURSERY ACCESS ROAD OPTION 1A & 1C NOTES

- CONSTRAINTS OF OPTION 1a INCLUDE EXISTING TREES ALONG THE EXISTING ACCESS ROAD WHICH MAY REQUIRE REMOVAL

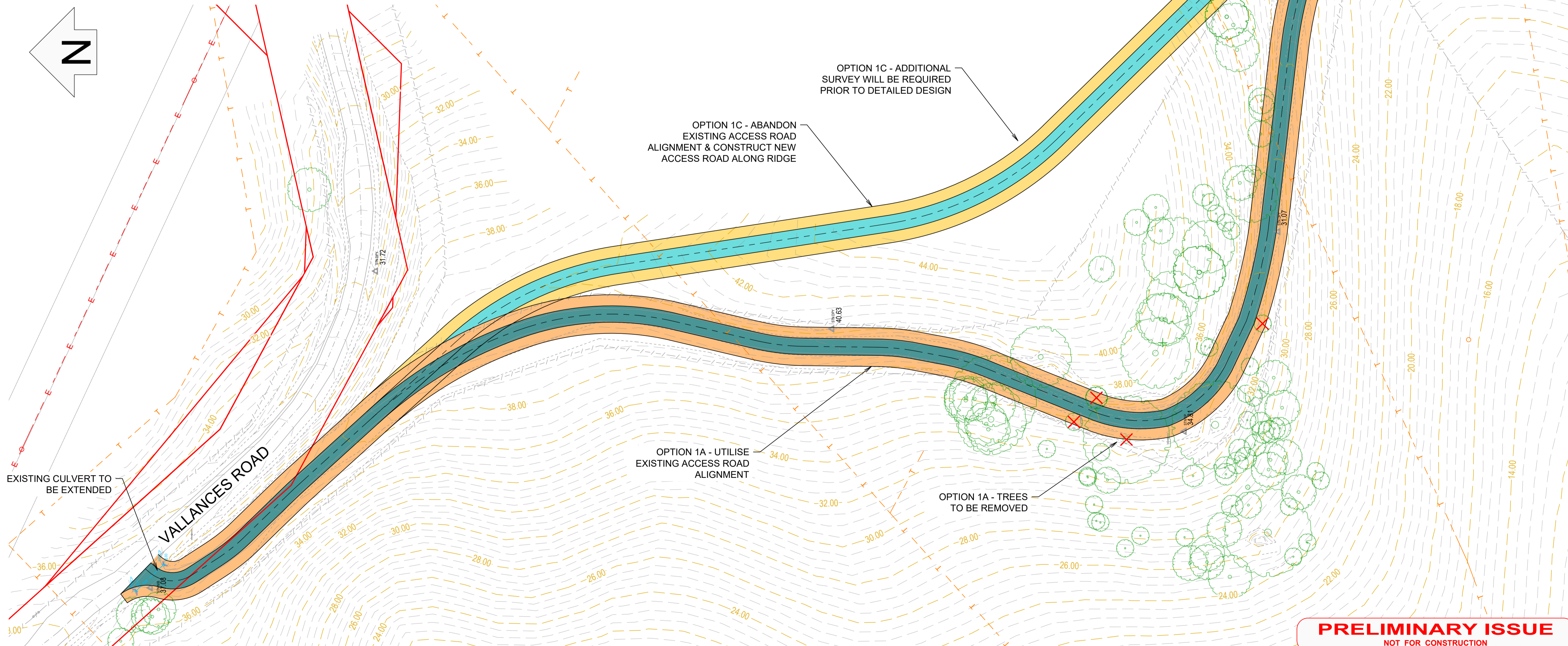
NURSERY ACCESS ROAD OPTION 1A & 1C



OPTION 1A & 1C
SCALE: HORIZONTAL 1:50
VERTICAL 1:25

LEGEND

- EXISTING ELECTRICITY --- E ---
- EXISTING TELECOMMUNICATIONS --- T ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- -36.00- ---
- EXISTING MINOR CONTOURS ---
- PROPOSED UNSEALED ROAD PAVEMENT (OPTION 1a)
- PROPOSED UNSEALED ROAD SHOULDER (OPTION 1a)
- PROPOSED UNSEALED ROAD PAVEMENT (OPTION 1c)
- PROPOSED UNSEALED ROAD SHOULDER (OPTION 1c)
- PROPOSED TREE REMOVAL X



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SCALE: 0 5 10 20 30
Full Size 1:500; Half Size 1:1000
Scale (m)

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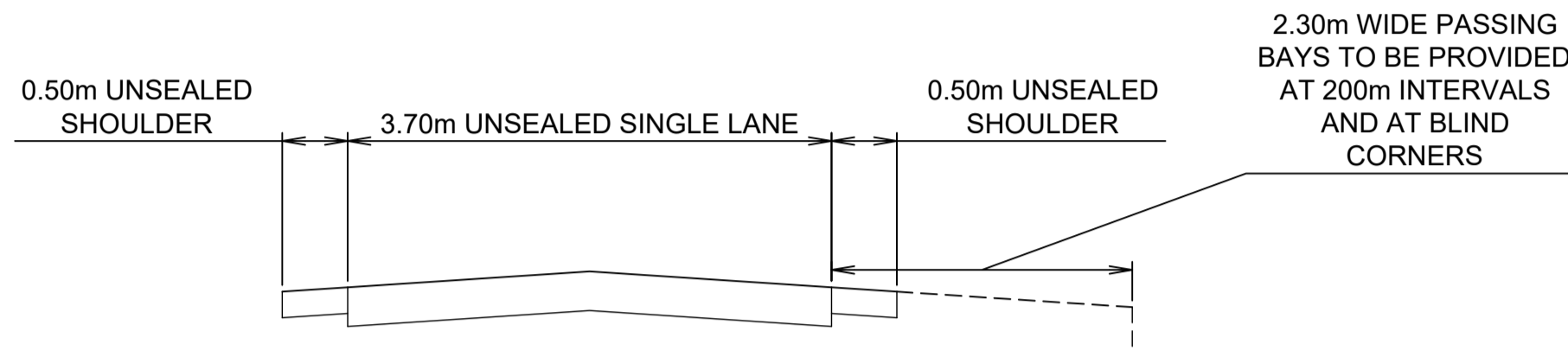
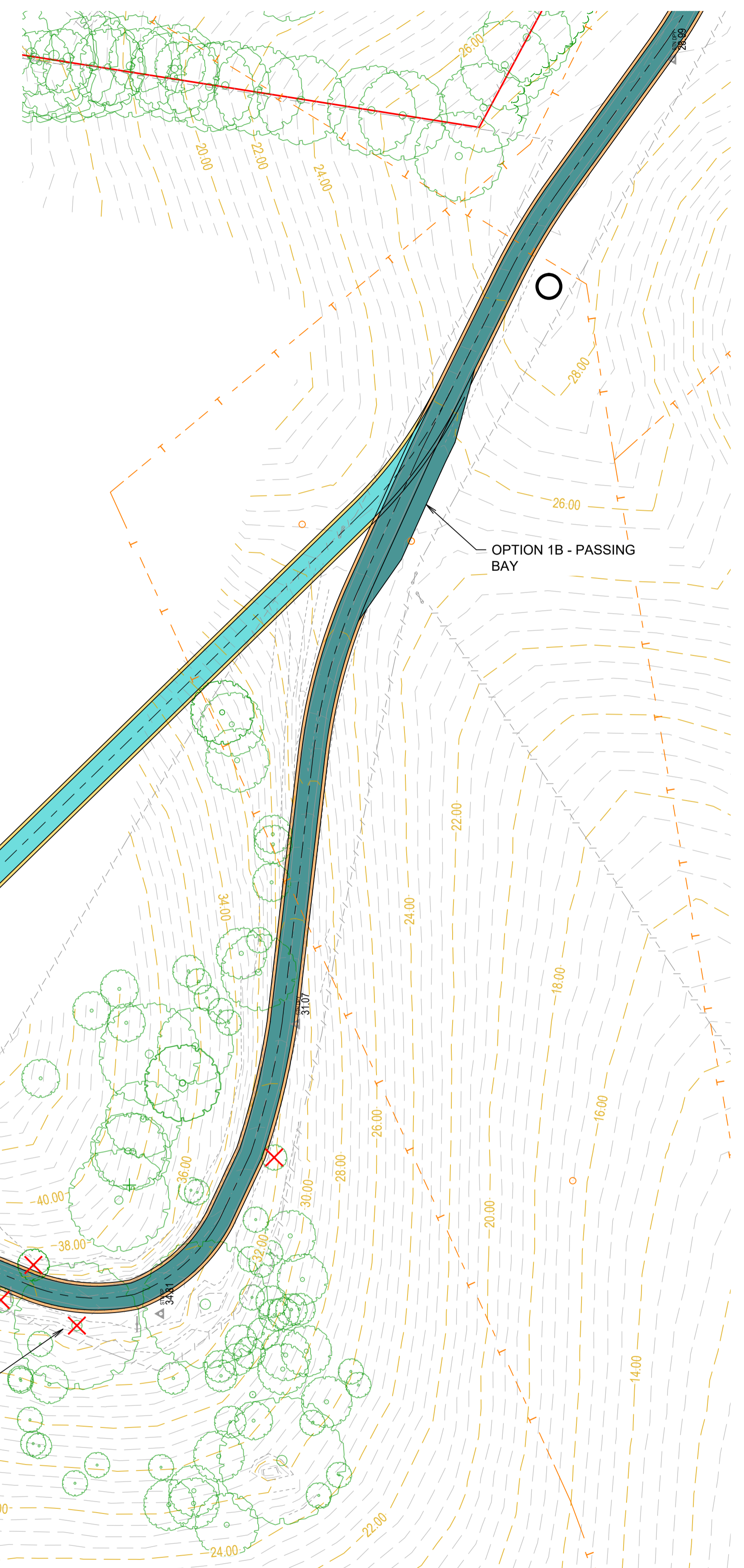
LOCAL GOVERNMENT AUTHORITY:
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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: NURSERY ACCESS ROAD OPTIONS 1A & 1C			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0031	REV: A

NURSERY ACCESS ROAD OPTION 1B & 1D NOTES

- CONSTRAINTS OF OPTION 1b INCLUDE EXISTING TREES ALONG THE EXISTING ACCESS ROAD WHICH MAY REQUIRE REMOVAL

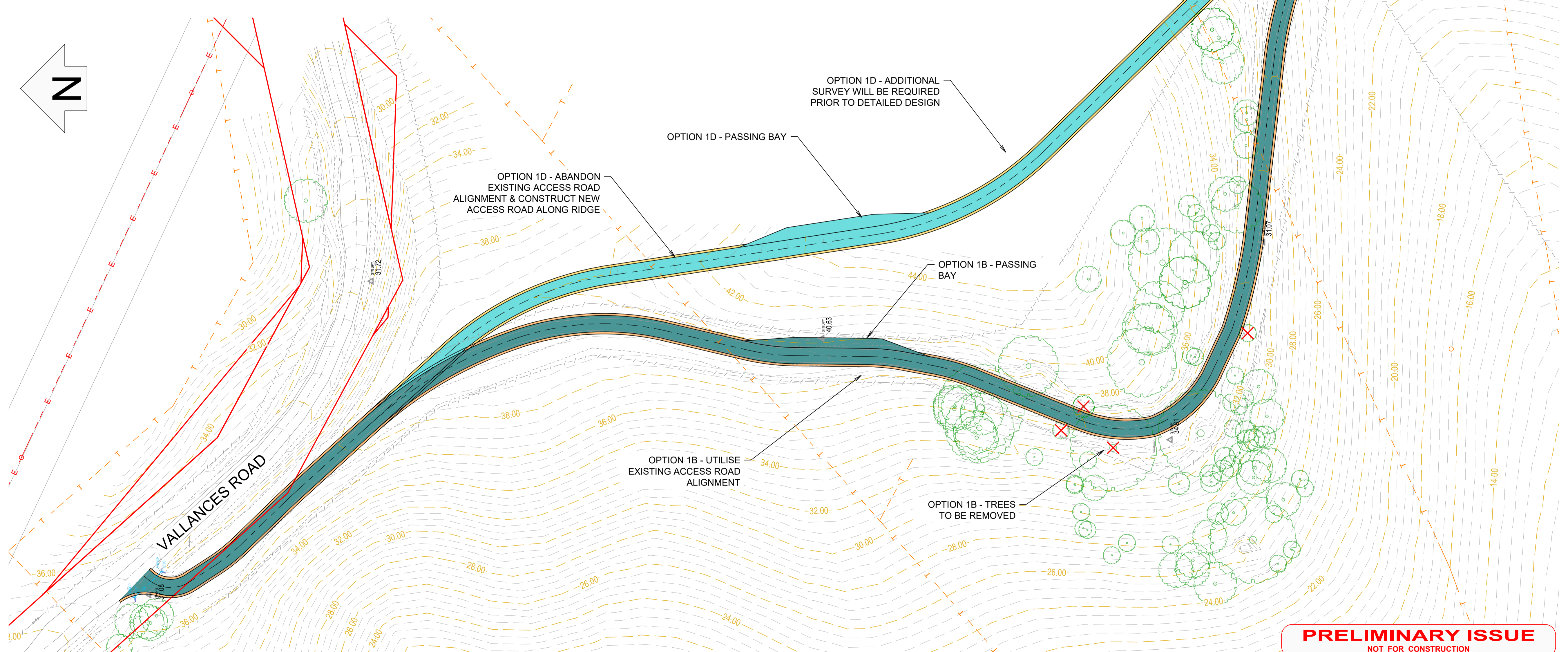
NURSERY ACCESS ROAD OPTION 1B & 1D



OPTION 1B & 1D
SCALE: HORIZONTAL 1:50
VERTICAL 1:25

LEGEND

- EXISTING ELECTRICITY --- E ---
- EXISTING TELECOMMUNICATIONS --- T ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- 36.00 ---
- EXISTING MINOR CONTOURS ---
- PROPOSED UNSEALED ROAD PAVEMENT (OPTION 1b)
- PROPOSED UNSEALED ROAD SHOULDER (OPTION 1b)
- PROPOSED UNSEALED ROAD PAVEMENT (OPTION 1d)
- PROPOSED UNSEALED ROAD SHOULDER (OPTION 1d)
- PROPOSED TREE REMOVAL X



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A	PRELIMINARY ISSUE	26.07.22	JM	JM	SM	

SCALES:
0 5 10 20 30
Full Size 1:500; Half Size 1:1000
Scale (m)

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DESIGN BY: J MCDONAGH
APPROVED BY:
DATE:
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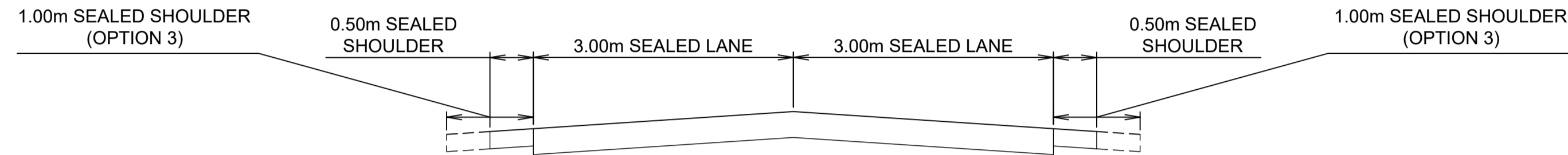
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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: NURSERY ACCESS ROAD OPTIONS 1B & 1D			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0032	REV: A

NURSERY ACCESS ROAD OPTION 2A, 2C, 3A, 3C NOTES

- OPTION 2A - OPTION 2 ROAD PROFILE (6m WIDE SEALED ROAD & 0.5m WIDE SEALED SHOULDERS) ON EXISTING ACCESS ROAD ALIGNMENT. SOME TREES WILL REQUIRE REMOVAL AND EMBANKMENTS ALTERED.
- OPTION 2C - OPTION 2 ROAD PROFILE (6m WIDE SEALED ROAD & 0.5m WIDE SEALED SHOULDERS) ON NEW ALIGNMENT ALONG RIDGE. EXISTING ROAD NEAR TREES TO BE ABANDONED.
- OPTION 3A - OPTION 3 ROAD PROFILE (6m WIDE SEALED ROAD & 1m WIDE SEALED SHOULDERS) ON EXISTING ACCESS ROAD ALIGNMENT. SOME TREES WILL REQUIRE REMOVAL AND EMBANKMENTS ALTERED.
- OPTION 3C - OPTION 3 ROAD PROFILE (6m WIDE SEALED ROAD & 1m WIDE SEALED SHOULDERS) ON NEW ALIGNMENT ALONG RIDGE. EXISTING ROAD NEAR TREES TO BE ABANDONED.

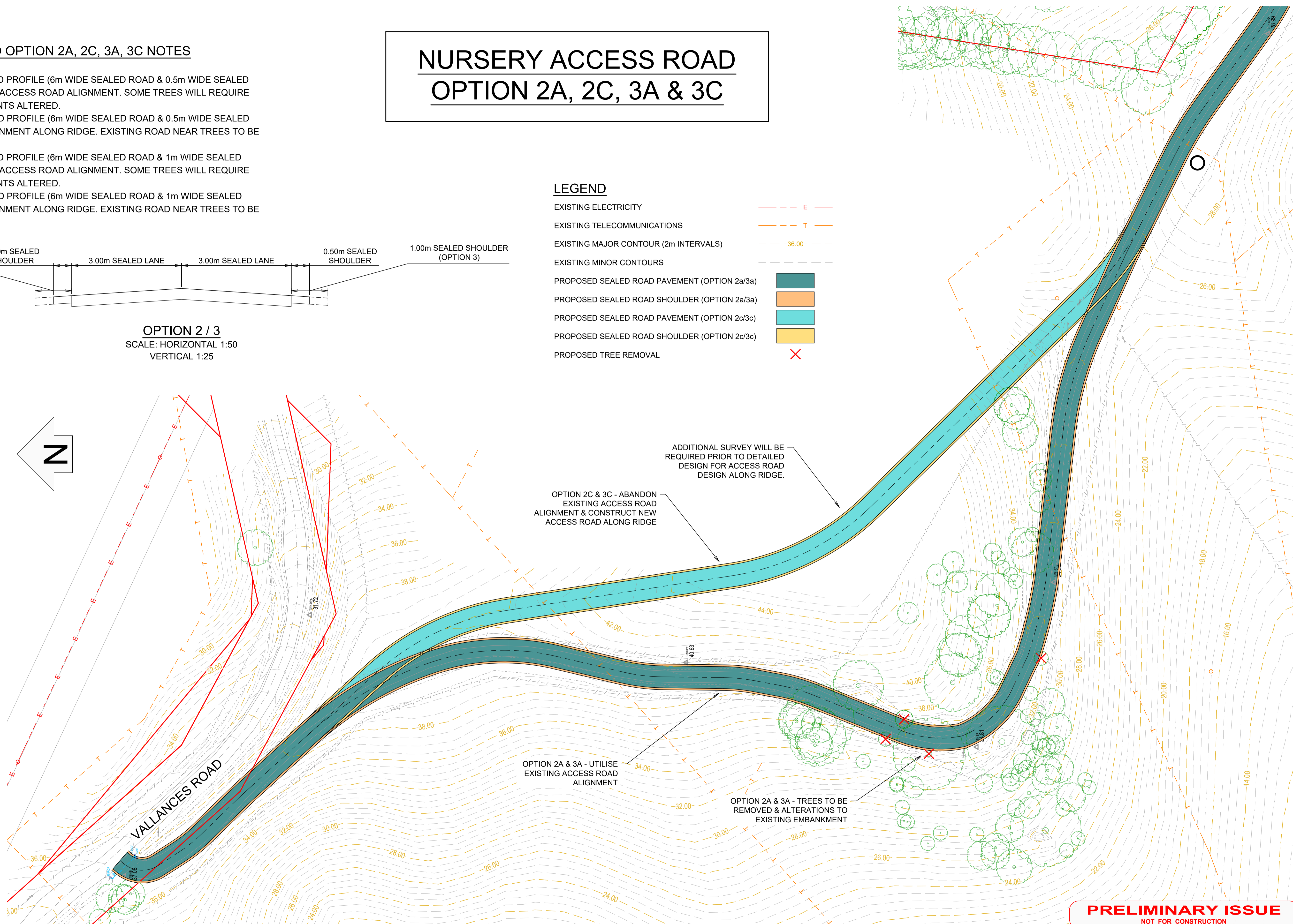
NURSERY ACCESS ROAD OPTION 2A, 2C, 3A & 3C



OPTION 2 / 3
SCALE: HORIZONTAL 1:50
VERTICAL 1:25

LEGEND

- EXISTING ELECTRICITY --- E ---
- EXISTING TELECOMMUNICATIONS --- T ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- 36.00 ---
- EXISTING MINOR CONTOURS ---
- PROPOSED SEALED ROAD PAVEMENT (OPTION 2a/3a)
- PROPOSED SEALED ROAD SHOULDER (OPTION 2a/3a)
- PROPOSED SEALED ROAD PAVEMENT (OPTION 2c/3c)
- PROPOSED SEALED ROAD SHOULDER (OPTION 2c/3c)
- PROPOSED TREE REMOVAL X



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Scale (m)

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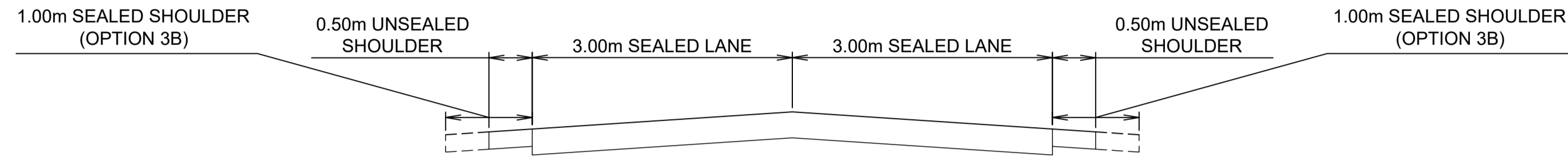
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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: NURSERY ACCESS ROAD OPTIONS 2A, 2C, 3A & 3C			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0033	REV: A

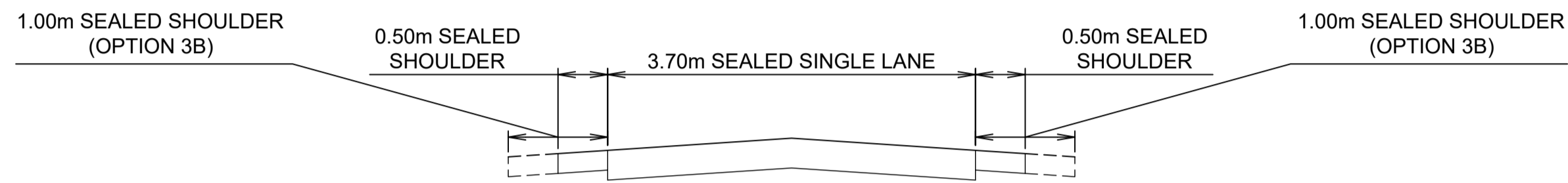
NUSERY ACCESS ROAD OPTION 2B & 3B NOTES

- OPTION 2B IS SHOWN ON LAYOUT PLAN. SHOULDERS CAN BE WIDENED FROM 0.5m TO 1.0m FOR OPTION 3B.
- EXISTING ACCESS ROAD ALIGNMENT IS MAINTAINED, AND A NEW SINGLE LANE ACCESS ROAD IS CONSTRUCTED ALONG THE RIDGE LINE TO PREVENT EXCESSIVE ROAD WIDENING NEAR THE EXISTING TREES.
- OUTCOME IS TWO-WAY NEAR VALLANCES ROAD AND EAST PAST THE EXISTING TREES, AND A ONE-WAY LOOP IN BETWEEN.

NURSERY ACCESS ROAD OPTION 2B/3B



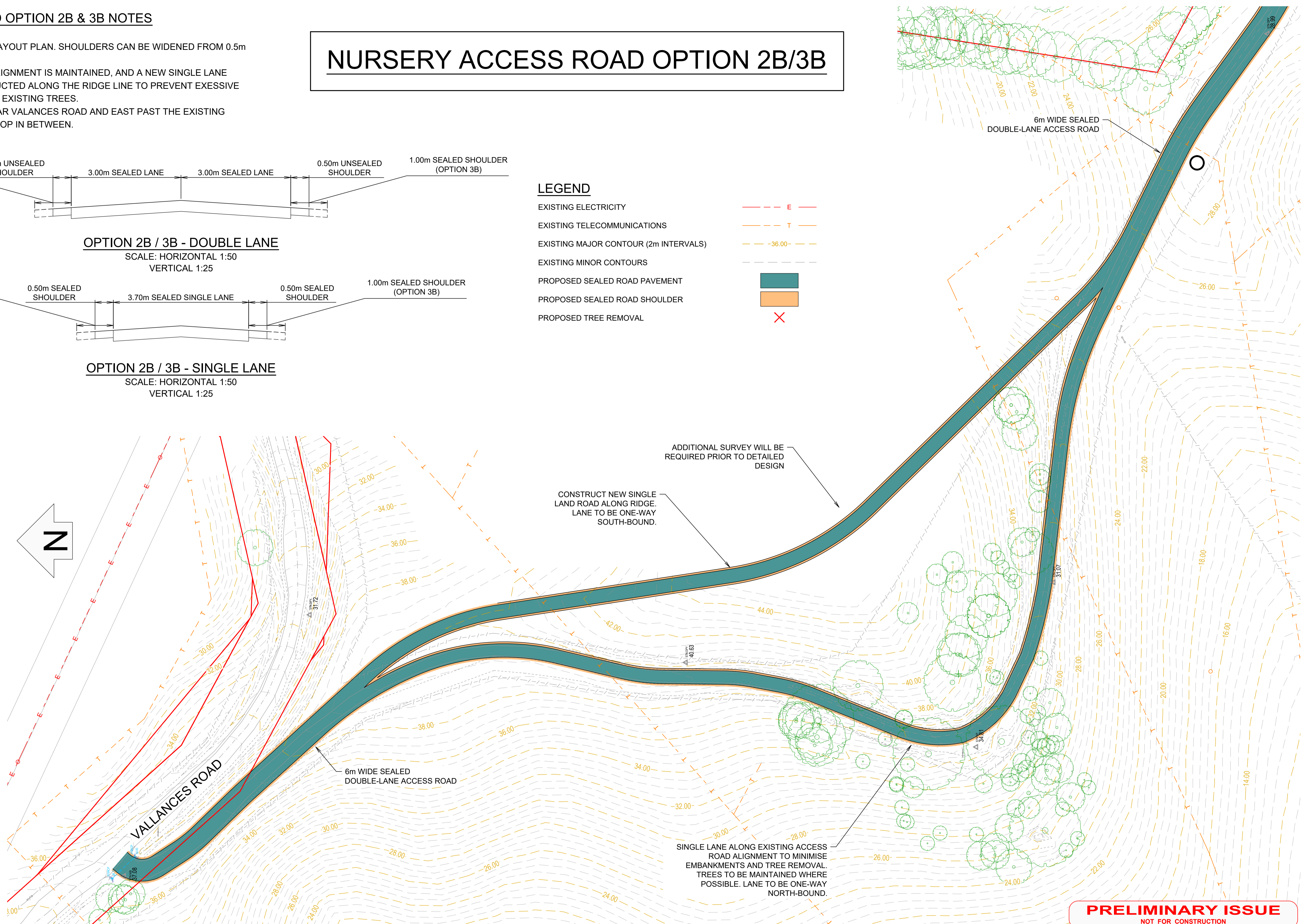
OPTION 2B / 3B - DOUBLE LANE
SCALE: HORIZONTAL 1:50
VERTICAL 1:25



OPTION 2B / 3B - SINGLE LANE
SCALE: HORIZONTAL 1:50
VERTICAL 1:25

LEGEND

- EXISTING ELECTRICITY --- E ---
- EXISTING TELECOMMUNICATIONS --- T ---
- EXISTING MAJOR CONTOUR (2m INTERVALS) --- 36.00 ---
- EXISTING MINOR CONTOURS --- --- ---
- PROPOSED SEALED ROAD PAVEMENT
- PROPOSED SEALED ROAD SHOULDER
- PROPOSED TREE REMOVAL X



ADDITIONAL SURVEY WILL BE REQUIRED PRIOR TO DETAILED DESIGN

CONSTRUCT NEW SINGLE LAND ROAD ALONG RIDGE. LANE TO BE ONE-WAY SOUTH-BOUND.

SINGLE LANE ALONG EXISTING ACCESS ROAD ALIGNMENT TO MINIMISE EMBANKMENTS AND TREE REMOVAL. TREES TO BE MAINTAINED WHERE POSSIBLE. LANE TO BE ONE-WAY NORTH-BOUND.

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PROJECT: VALLANCES ROAD MULLUMBIMBY			
DRAWING TITLE: NURSERY ACCESS ROAD OPTION 2B & 3B ONE-WAY LOOP PROPOSAL			
ORIGINAL SIZE: A1	PLANIT JOB No.: J7574	DRAWING No.: 0034	REV: A