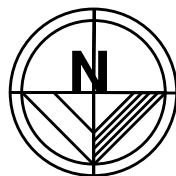


**LEGEND**

TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**

0 100 250 400 500  
 FULL SIZE 1:10,000 ; HALF REDUCTION 1:20,000  
 LENGTHS ARE IN METRES

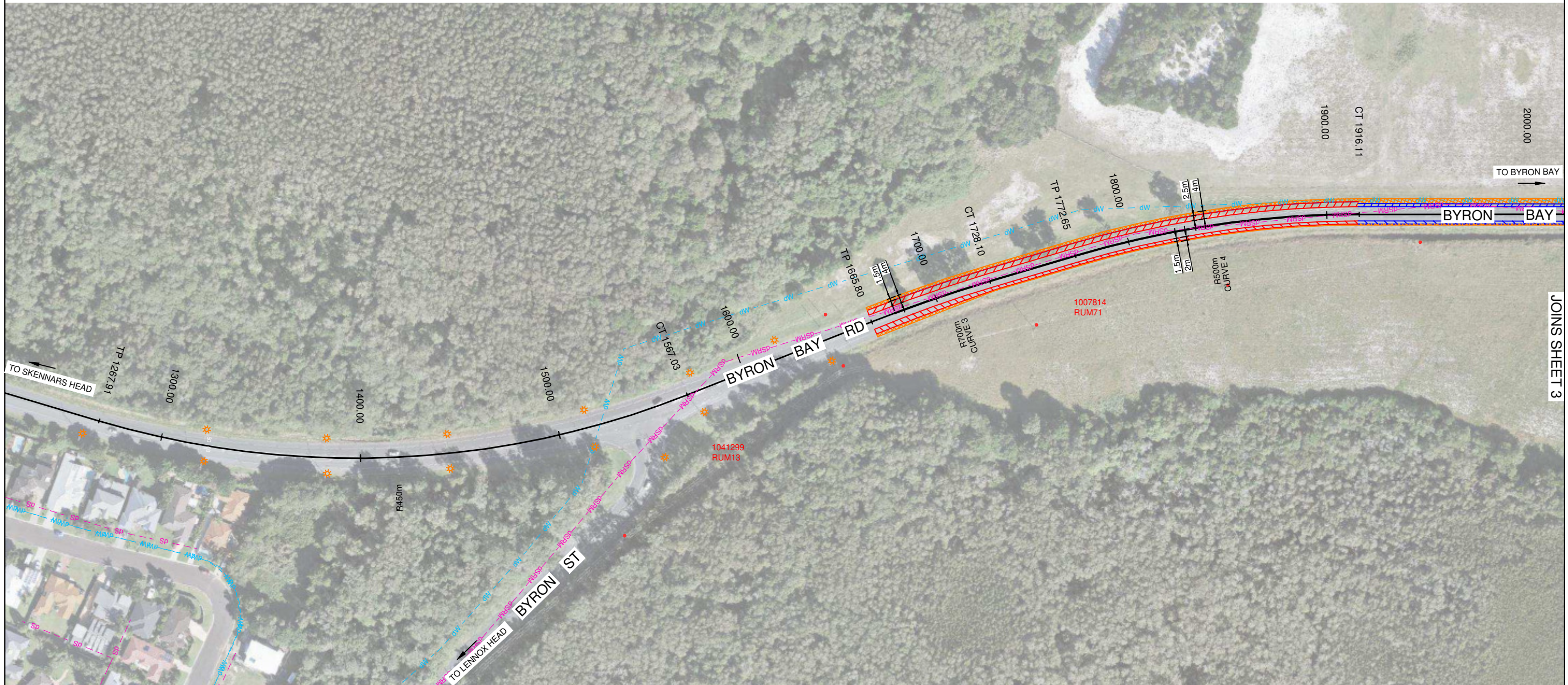
DO NOT SCALE FROM DRAWING

0	APR 19	SA	-		
NO.	DATE	BY	CHANGE	X'D	
AMENDMENTS					



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
		MNF
DATUM	AHD	APPROVED
		MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 1 OF 11		

<b>BALLINA SHIRE COUNCIL</b>		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD & CH00 TO CH5977 ROSS LN OVERALL WORKS PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

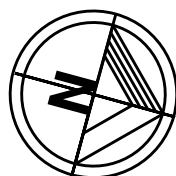


**LEGEND**

TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**

0 10 25 40 50  
 FULL SIZE 1:1,000 ; HALF REDUCTION 1:2,000  
 LENGTHS ARE IN METRES

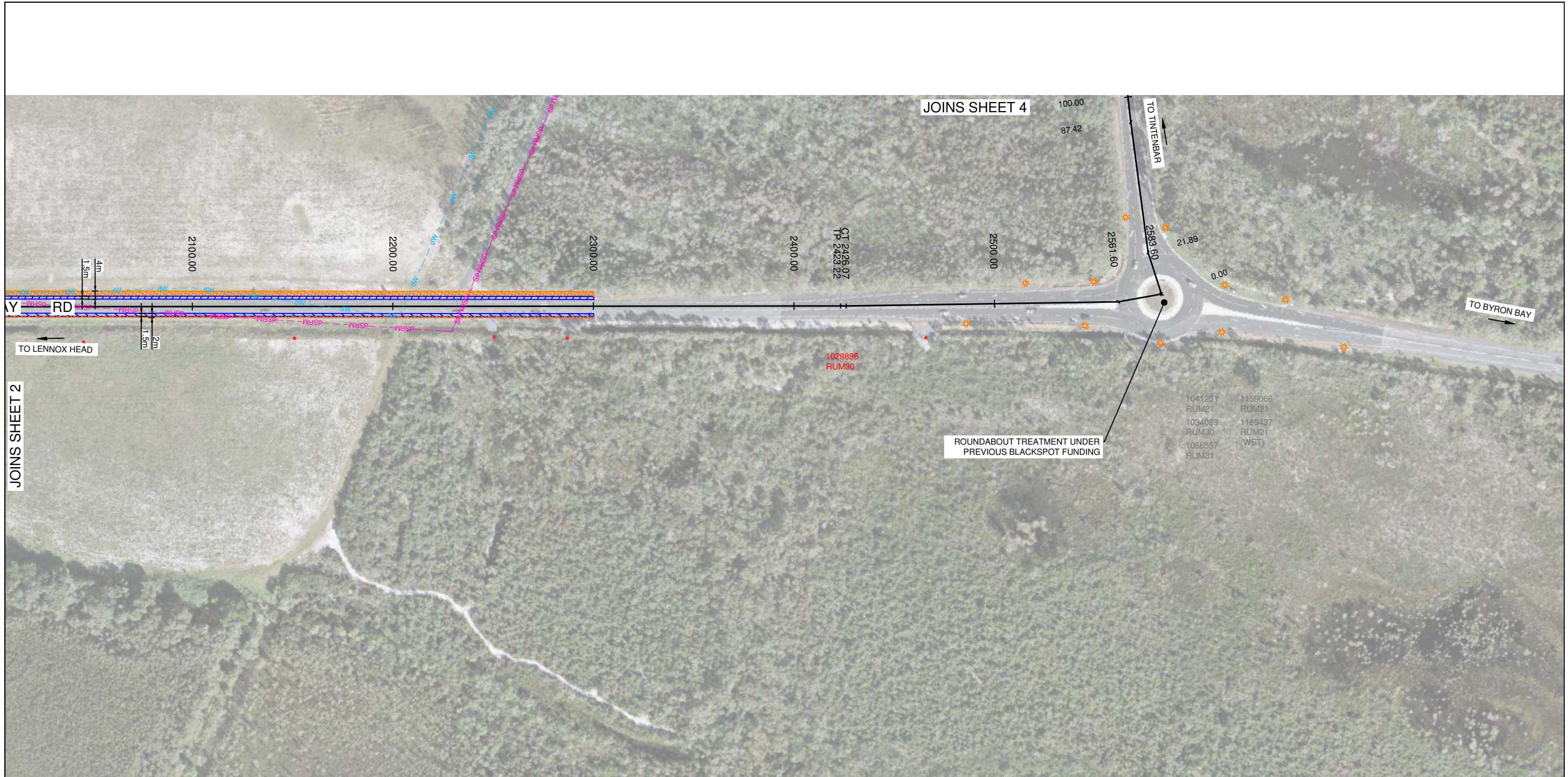
DO NOT SCALE FROM DRAWING

NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED MNF
DATUM	AHD	APPROVED MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 2 OF 11		

BALLINA SHIRE COUNCIL		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

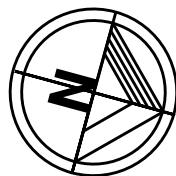


**LEGEND**

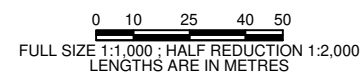
TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

ABBREVIATION	DESCRIPTION
RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**



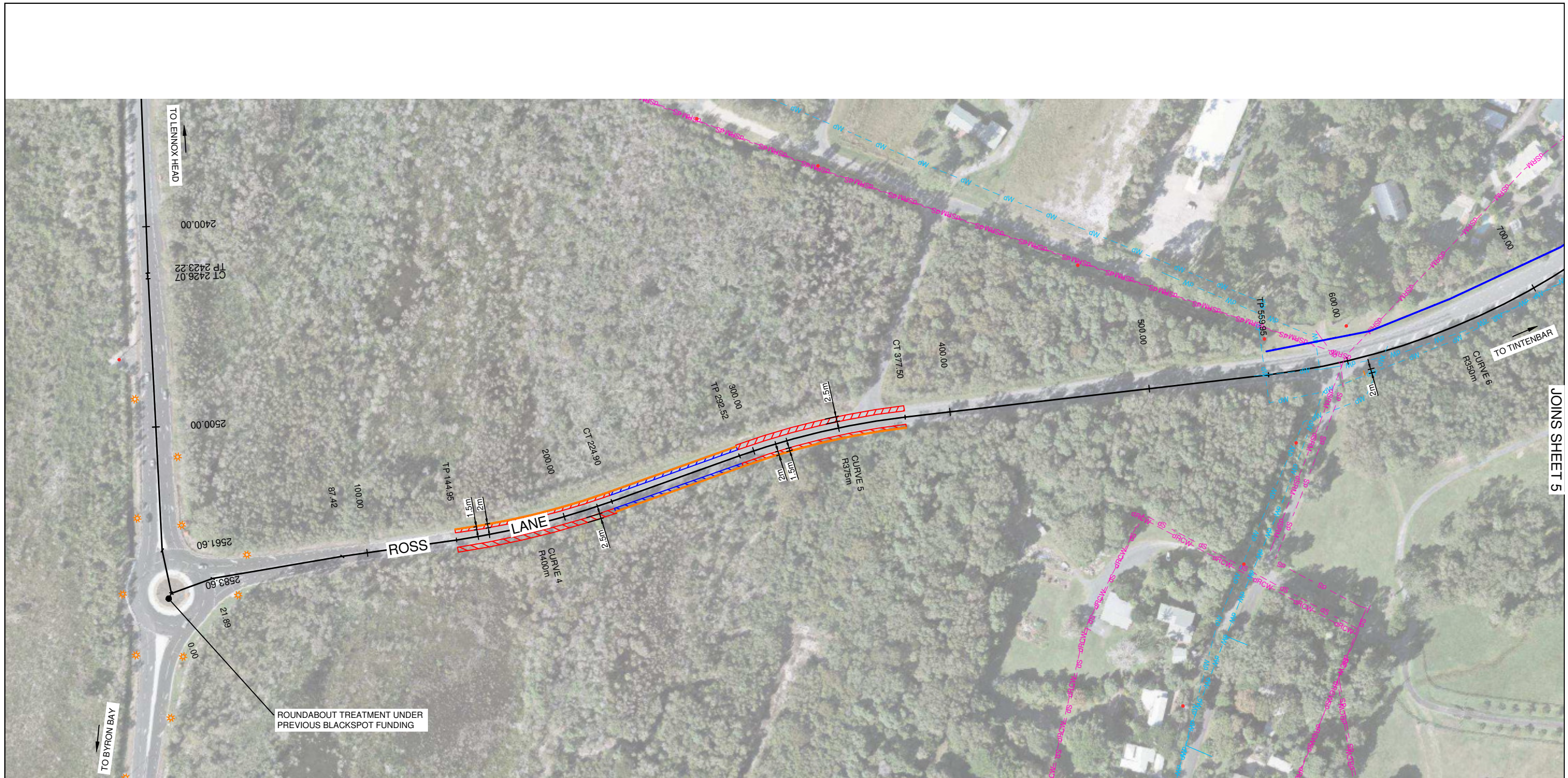
DO NOT SCALE FROM DRAWING

NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED MNF
DATUM	AHD	APPROVED MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 3 OF 11		

BALLINA SHIRE COUNCIL		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

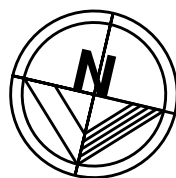


**LEGEND**

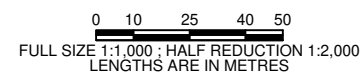
TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

ABBREVIATION	DESCRIPTION
RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**



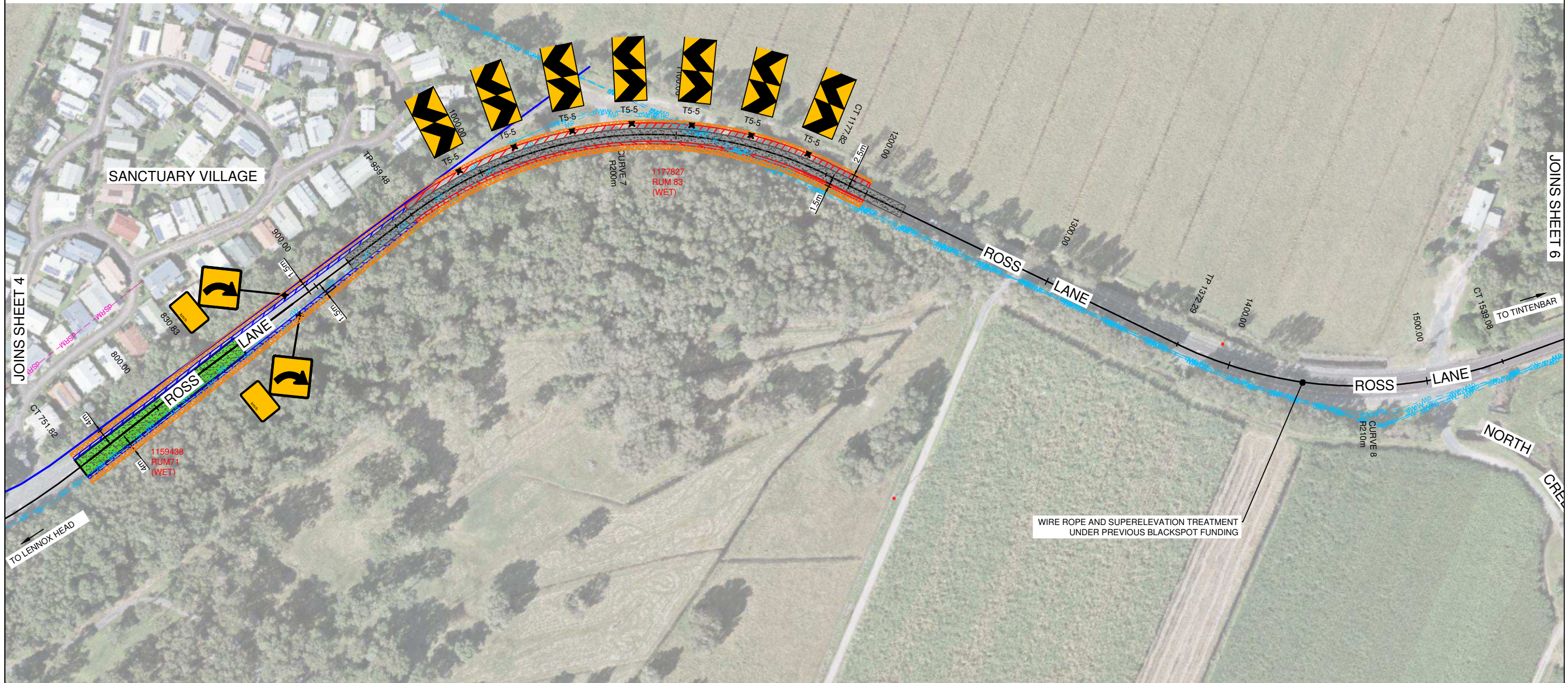
DO NOT SCALE FROM DRAWING

NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				



SURVEY	DESIGNED	SJA	
DATE	DRAWN	SJA	
F.B.	L.B.	CHECKED	MNF
DATUM	AHD	APPROVED	MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT			
SHEET 4 OF 11			

BALLINA SHIRE COUNCIL		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

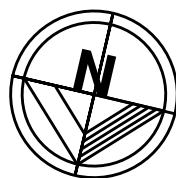


**LEGEND**

TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**

0 10 25 40 50  
 FULL SIZE 1:1,000 ; HALF REDUCTION 1:2,000  
 LENGTHS ARE IN METRES

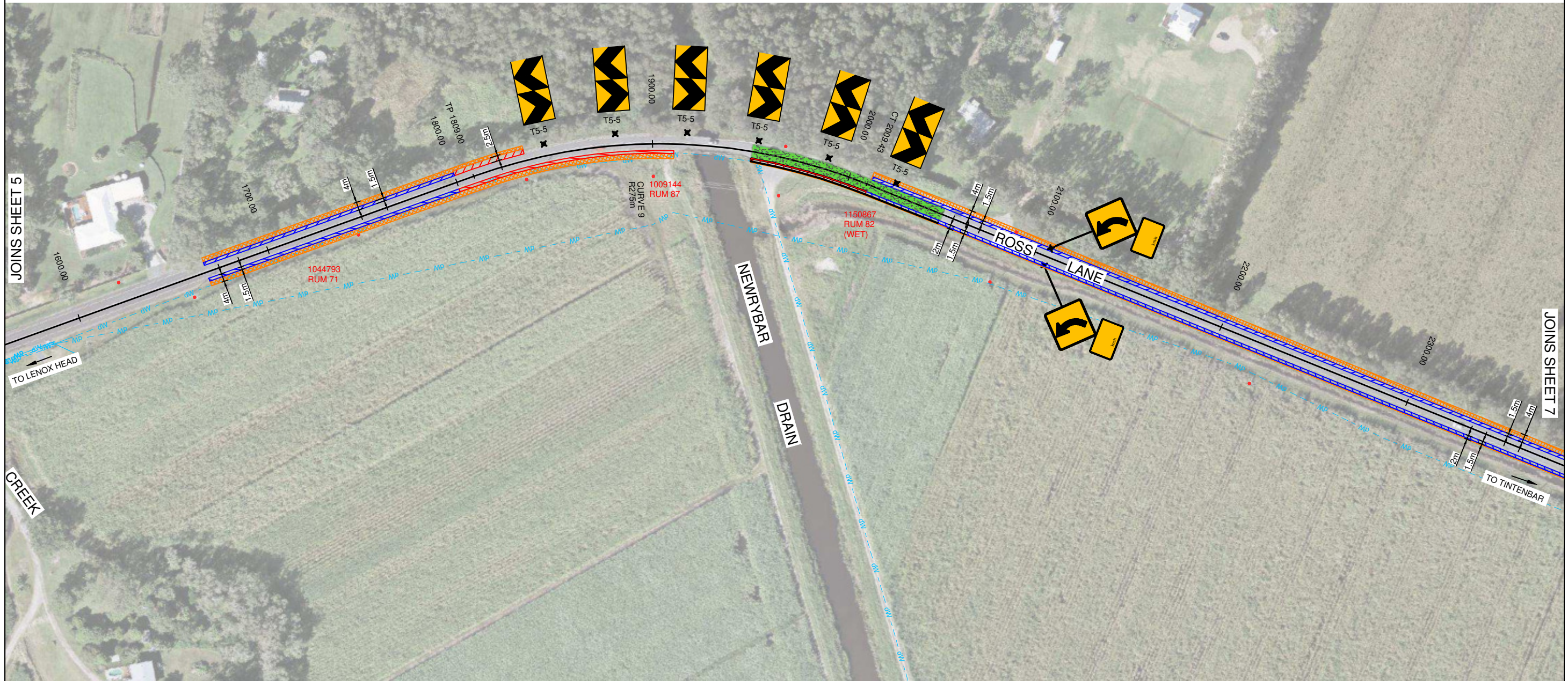
DO NOT SCALE FROM DRAWING

NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				

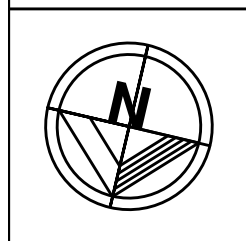


SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
		MNF
DATUM	AHD	APPROVED
		MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 5 OF 11		

<b>BALLINA SHIRE COUNCIL</b>		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1



LEGEND		ABBREVIATIONS USED	
TREATMENT #	DESCRIPTION	RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
27	SPEED LIMIT REDUCED 20km/Hr	RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
49	PAINTED MEDIAN	CH	CHAINAGE
50	RAISED MEDIAN	TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
66	CHEVRON ALIGNMENT MARKERS	CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
67	ADVISORY SPEED LIMIT SIGN	R	RADIUS
70	1.5m SHOULDERS ON STRAIGHT		
71	2.5m SHOULDERS ON BEND		
78	SUPERELEVATION (e VARIES)		
79	0-6m TRAVERSABLE CLEARZONE		
83	WIRE ROPE BARRIER		
96	NON SKID SURFACE TREATMENT		



SCALES:

0 10 25 40 50

FULL SIZE 1:1,000 ; HALF REDUCTION 1:2,000  
LENGTHS ARE IN METRES

DO NOT SCALE FROM DRAWING

0	APR 19	SA	-		
NO.	DATE	BY	CHANGE	X'D	
AMENDMENTS					



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
DATUM	AHD	APPROVED
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 6 OF 11		

<b>BALLINA SHIRE COUNCIL</b>		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1



JOINS SHEET 6

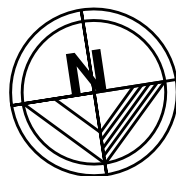
JOINS SHEET 8

**LEGEND**

TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**

0 10 25 40 50  
 FULL SIZE 1:1,000 ; HALF REDUCTION 1:2,000  
 LENGTHS ARE IN METRES

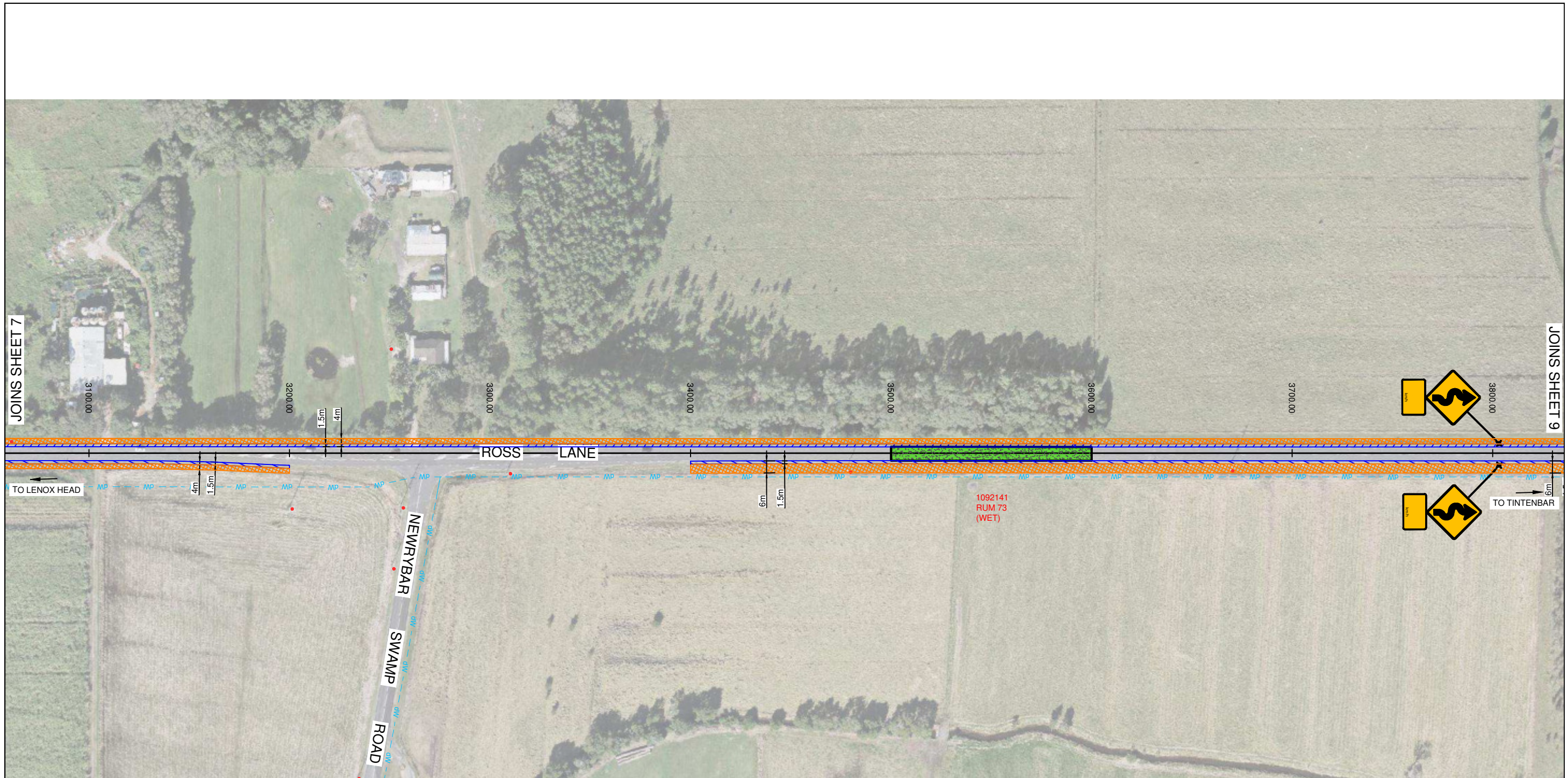
DO NOT SCALE FROM DRAWING

NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED MNF
DATUM	AHD	APPROVED MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 7 OF 11		

BALLINA SHIRE COUNCIL		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

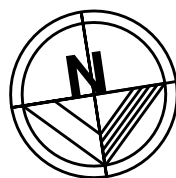


**LEGEND**

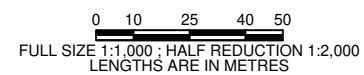
TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

ABBREVIATION	DESCRIPTION
RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**



DO NOT SCALE FROM DRAWING

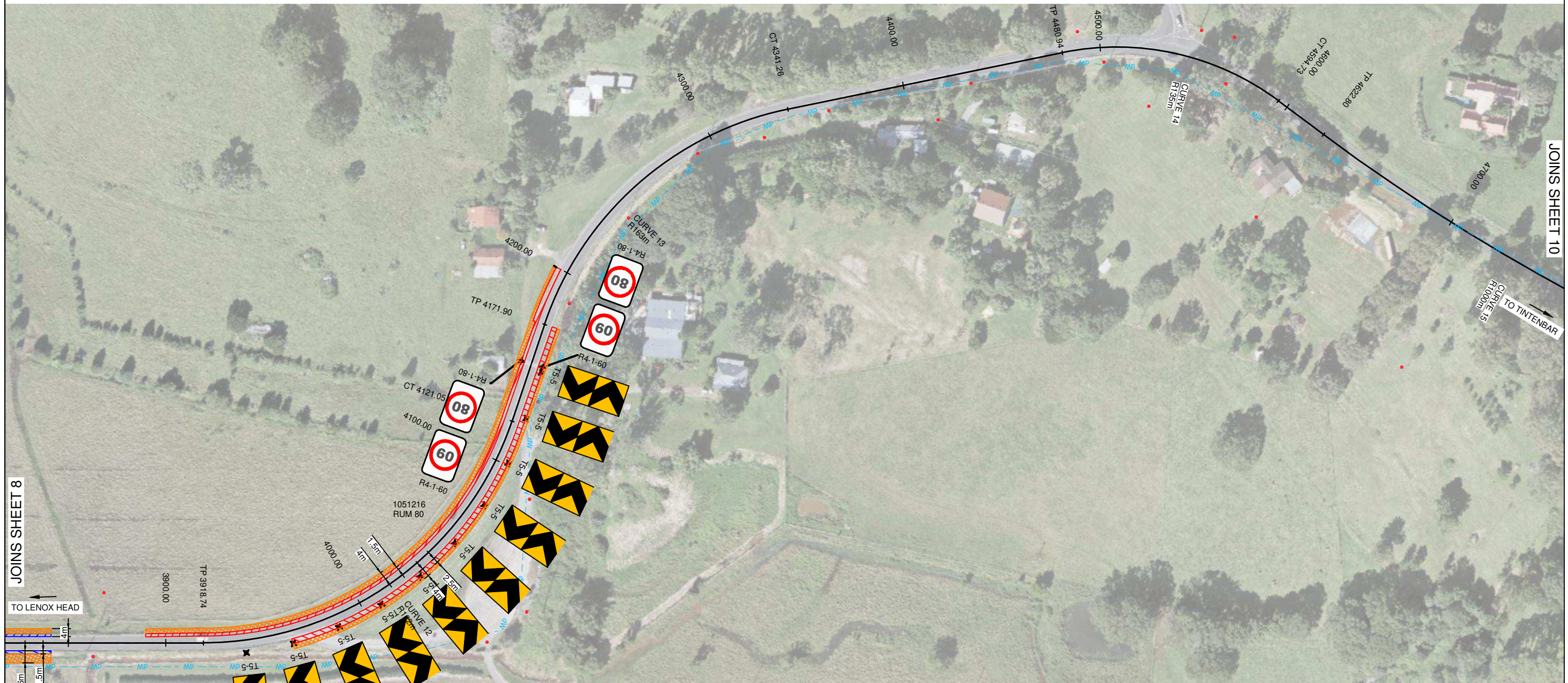
0	APR 19	SA	-	
NO.	DATE	BY	CHANGE	X'D
AMENDMENTS				



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
		MNF
DATUM	AHD	APPROVED
		MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 8 OF 11		

<b>BALLINA SHIRE COUNCIL</b>		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

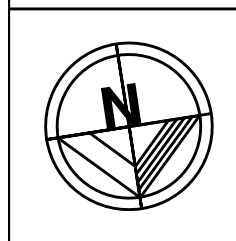




JOINS SHEET 8

JOINS SHEET 10

LEGEND		ABBREVIATIONS USED	
	27	SPEED LIMIT REDUCED 20km/Hr	
	49	PAINTED MEDIAN	
	50	RAISED MEDIAN	
	66	CHEVRON ALIGNMENT MARKERS	
	67	ADVISORY SPEED LIMIT SIGN	
	70	1.5m SHOULDERS ON STRAIGHT	
	71	2.5m SHOULDERS ON BEND	
	78	SUPERELEVATION (e VARIES)	
	79	0-6m TRAVERSABLE CLEARZONE	
	83	WIRE ROPE BARRIER	
	96	NON SKID SURFACE TREATMENT	
<b>RUM #</b>		ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)	
<b>RUM #</b>		ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)	
<b>CH</b>		CHAINAGE	
<b>TP</b>		TANGENT POINT (POINT AT WHICH CURVE BEGINS)	
<b>CT</b>		CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)	
<b>R</b>		RADIUS	



SCALES:

0 10 25 40 50

FULL SIZE 1:1,000 ; HALF REDUCTION 1:2,000  
LENGTHS ARE IN METRES

DO NOT SCALE FROM DRAWING

0	APR 19	SA	-		
NO.	DATE	BY	CHANGE	X'D	
AMENDMENTS					



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
		MNF
DATUM	AHD	APPROVED
		MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 9 OF 11		

<b>BALLINA SHIRE COUNCIL</b>		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

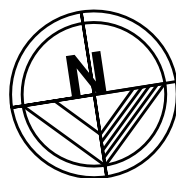


**LEGEND**

TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



**SCALES:**

0 10 25 40 50  
 FULL SIZE 1:1,000 ; HALF REDUCTION 1:2,000  
 LENGTHS ARE IN METRES

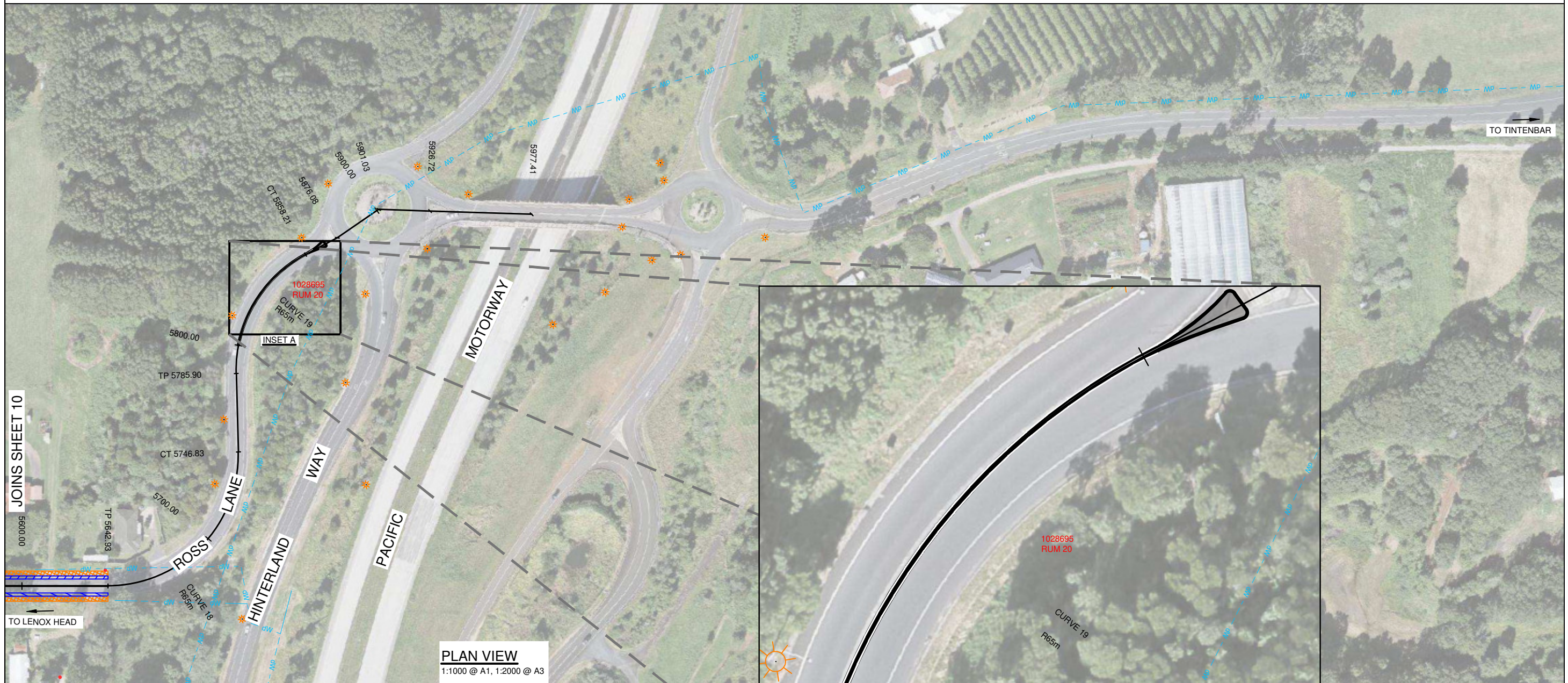
DO NOT SCALE FROM DRAWING

NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
		MNF
DATUM	AHD	APPROVED
		MNF
DRAWING BYRON BAY RD AND ROSS LN BLACK SPOT		
SHEET 10 OF 11		

BALLINA SHIRE COUNCIL		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1

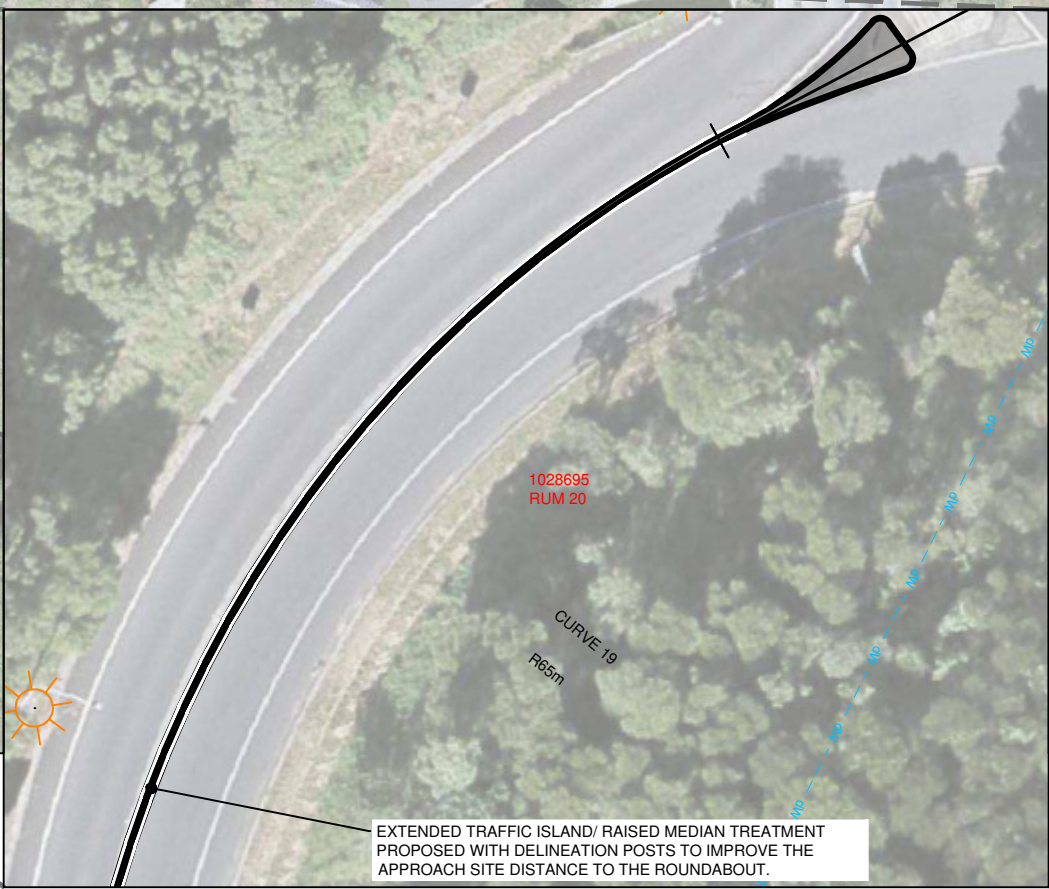


JOINS SHEET 10

TO LENOX HEAD

TO TINTENBAR

**PLAN VIEW**  
1:1000 @ A1, 1:2000 @ A3



**INSET A**  
1:200 @ A1, 1:400 @ A3

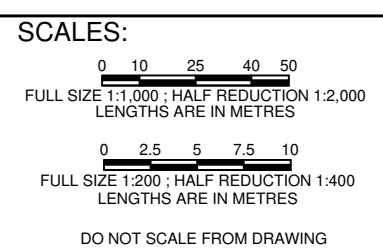
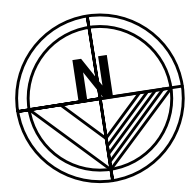
EXTENDED TRAFFIC ISLAND/ RAISED MEDIAN TREATMENT PROPOSED WITH DELINEATION POSTS TO IMPROVE THE APPROACH SITE DISTANCE TO THE ROUNDABOUT.

**LEGEND**

TREATMENT #	DESCRIPTION
27	SPEED LIMIT REDUCED 20km/Hr
49	PAINTED MEDIAN
50	RAISED MEDIAN
66	CHEVRON ALIGNMENT MARKERS
67	ADVISORY SPEED LIMIT SIGN
70	1.5m SHOULDERS ON STRAIGHT
71	2.5m SHOULDERS ON BEND
78	SUPERELEVATION (e VARIES)
79	0-6m TRAVERSABLE CLEARZONE
83	WIRE ROPE BARRIER
96	NON SKID SURFACE TREATMENT

**ABBREVIATIONS USED**

ABBREVIATION	DESCRIPTION
RUM #	ROAD USER MOVEMENT (CRASH TYPE. INCLUDED IN THIS APPLICATION)
RUM #	ROAD USER MOVEMENT (CRASH TYPE. EXCLUDED FROM THIS APPLICATION)
CH	CHAINAGE
TP	TANGENT POINT (POINT AT WHICH CURVE BEGINS)
CT	CURVATURE TANGENT (POINT AT WHICH CURVE ENDS)
R	RADIUS



NO.	DATE	BY	CHANGE	X'D
0	APR 19	SA	-	
AMENDMENTS				



SURVEY	DESIGNED	SJA
DATE	DRAWN	SJA
F.B.	L.B.	CHECKED
DATUM	AHD	APPROVED
DRAWING		BYRON BAY RD AND ROSS LN BLACK SPOT
SHEET 11 OF 11		

BALLINA SHIRE COUNCIL		
BYRON BAY ROAD & ROSS LANE BLACK SPOT CH1325 TO CH2583 BYRON BAY RD CH00 TO CH5977 ROSS LN LAYOUT PLAN		
Scale	HOR: 1:10,000	Plan No. BS2019
		A1