

# OLD BEROWRA ROAD, HORNSBY PROPOSED PEDESTRIAN REFUGE ISLAND

## LEGEND

	EXISTING KERB & GUTTER.
	EXISTING FENCE.
	EXISTING CONCRETE PATH EDGE.
	EXISTING POWER POLE.
	EXISTING /PROPOSED SIGN.
	EXISTING TREE.
	STN 1 RL 100.000 SURVEY TRAVERSE STATION.
	SSM12345 RL 123.456 STATE SURVEY MARK.
	SURVEY REFERENCE MARKS - DRILL HOLE & WING/GALVANISED IRON PIPE.
	HYD EXISTING FIRE HYDRANT.
	SV EXISTING WATER STOP VALVE.
	EXISTING TELSTRA PIT.
	UE EXISTING U/G UECOMM CABLES.
	T EXISTING U/G TELSTRA CABLES.
	E EXISTING U/G ELECTRICAL CABLES.
	EXISTING OVERHEAD ELECTRICAL CABLES.
	W EXISTING WATER MAIN.
	G EXISTING GAS MAIN.
	PROPOSED MEDIAN ISLAND KERB.
	PROPOSED BROOM FINISHED N25 CONCRETE MEDIAN / ISLAND INFILL (COLOUR: TERRACOTTA) OXIDE FINISH.
	EXTENT OF NEW FOOTPATH CONSTRUCTION. ALL PATHS N25 100mm THICK CONCRETE (COLOUR: PLAIN CONCRETE).

DRAWING SCHEDULE		
SHEET No.	TITLE	ISSUE
1	DRAWING SCHEDULE, LOCALITY PLAN, LEGEND & GENERAL NOTES.	1
2	GENERAL WORKS & SERVICES PLAN.	1
3	SETOUT DETAILS.	1
4	SIGNS & LINE MARKING PLAN.	1

## GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS & SPECIFICATIONS OF HORNSBY SHIRE COUNCIL.
- LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCH MARKS & NOT FROM SURVEY PEGS.
- PROVIDE TRAFFIC MANAGEMENT, LINEMARKING & SIGNAGE IN ACCORDANCE WITH "THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" / AS1742 REQUIREMENTS.
- SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLIED FROM THE RELEVANT AUTHORITIES VIA A "DIAL BEFORE YOU DIG" ENQUIRY. THE LOCATION OF SERVICES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES & FIELD INVESTIGATIONS & ARE TO BE VERIFIED PRIOR TO CONSTRUCTION.
- EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE LANDCOM PUBLICATION:- "MANAGING URBAN STORMWATER, SOILS & CONSTRUCTION" Vol. 1, 4th EDITION.
- ALL DISTURBED AREAS OF THE SITE ARE TO BE REINSTATED WITH EXISTING OR MATCHING MATERIALS UNLESS NOTED OTHERWISE AT THE COMPLETION OF THE WORKS.
- ARRANGE SET-OUT BY HORNSBY SHIRE COUNCIL DESIGN & CONSTRUCTION BRANCH SURVEYORS. NOTIFY ENGINEERING SURVEYOR A MINIMUM OF 24 HOURS IN ADVANCE.
- WHERE PAVEMENT RESURFACING IS UNDERTAKEN ENSURE ALL BLUE HYDRANT MARKER RRPMS ARE REINSTATED AT THE COMPLETION OF WORKS.



LOCALITY PLAN  
NOT TO SCALE

SITE OF WORKS

**Hornsby Shire Council  
Design & Construction  
Branch**

TELEPHONE: (02) 9847 6666  
FACSIMILE: (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

Designer S. COMISH	Design Checked-Design Team Leader		
Drawn S. COMISH	Signed:		
Surveyor T. PELL	NA	NA	AHD
	Field Book	Level Book	Datum
Project Identifier\CAD File Name H:\Old Berowra Rd_TR_100105\Design\ACAD\Old Berowra Rd.dwg			
TRIM Document Number XXX			

Issue	Description	Name	Initial	Date
1	ISSUED FOR CONSTRUCTION	M. NOBILO		

Design not to be amended without authorisation by Manager Design & Construction

Bar Scales  
NOT TO SCALE

**DRAFT**  
not for construction

**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630  
DX 9655 HORNSBY

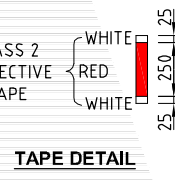
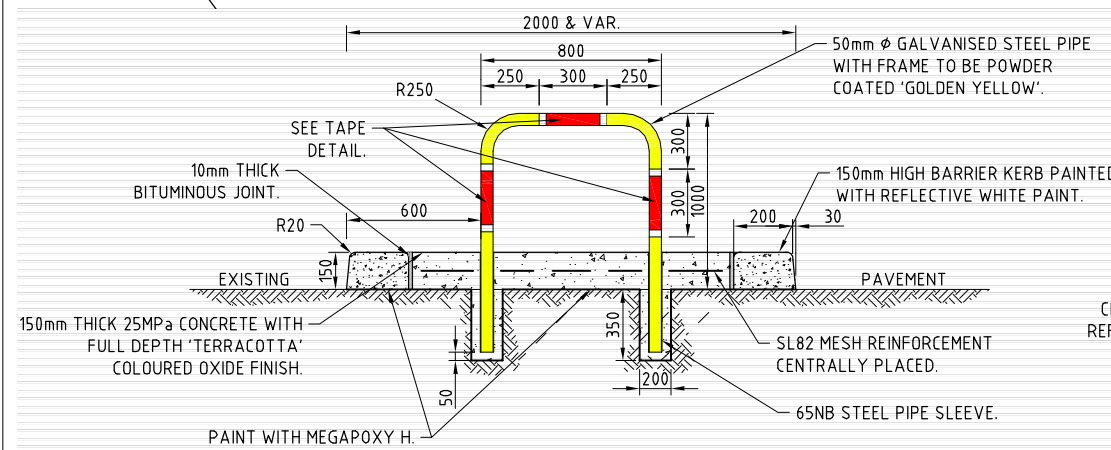
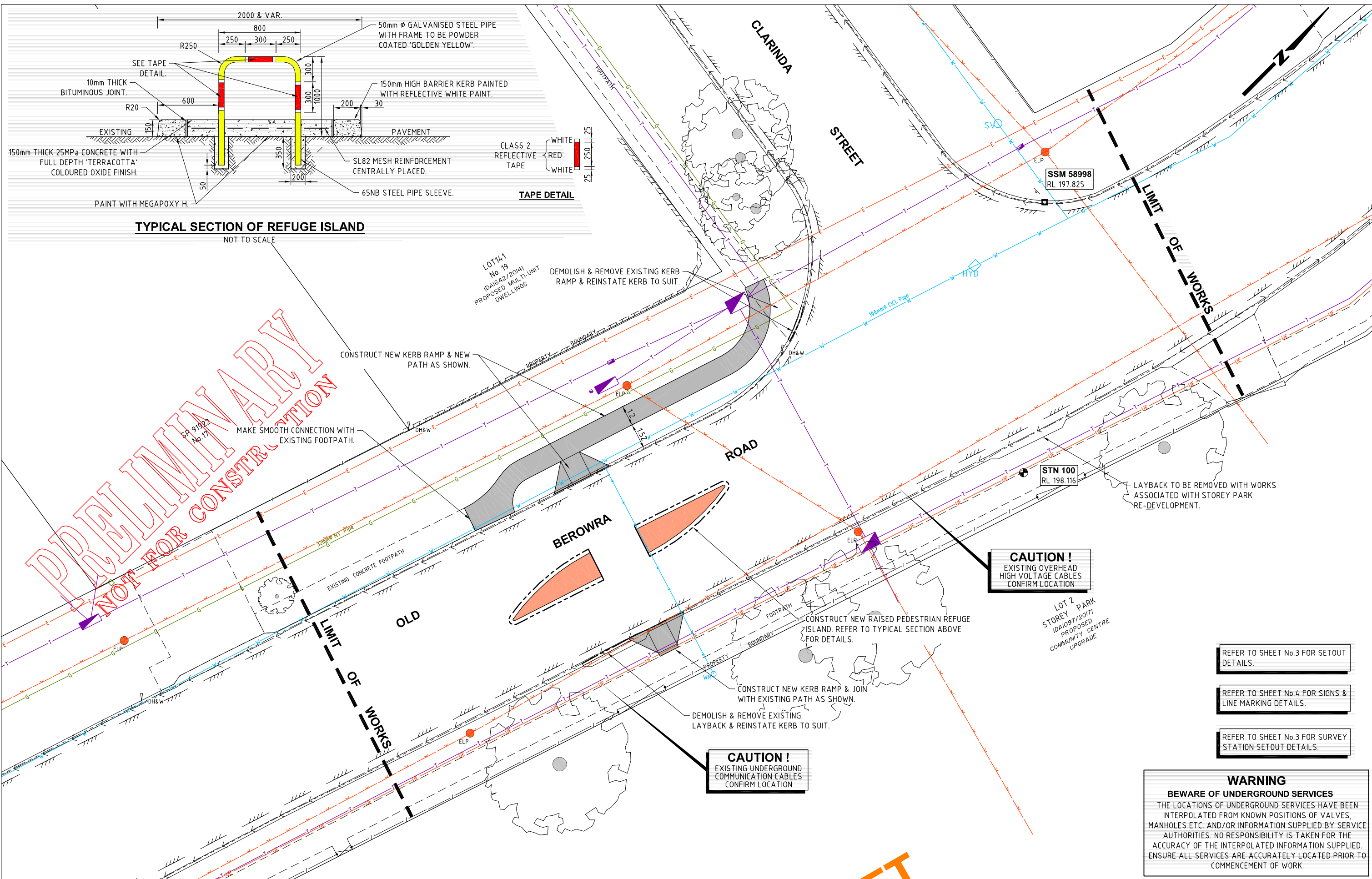
**OLD BEROWRA ROAD, HORNSBY  
PROPOSED PEDESTRIAN REFUGE ISLAND**

DRAWING SCHEDULE, LOCALITY PLAN,  
& GENERAL NOTES

**TRAFFIC & ROAD SAFETY  
BRANCH**

Senior Traffic Engineer  
Name: R. ZARZYCKI Telephone: 9847 6666  
Accepted as complying with the general intent of the design brief

Signed: _____ Date: _____	
Project Number <b>100105</b>	
Sheet <b>1</b>	of <b>4</b>
Issue <b>1</b>	
HSC Drawing Number <b>281.8</b>	



**TYPICAL SECTION OF REFUGE ISLAND**  
NOT TO SCALE

**PRELIMINARY**  
**NOT FOR CONSTRUCTION**

**CAUTION!**  
EXISTING OVERHEAD  
HIGH VOLTAGE CABLES  
CONFIRM LOCATION

**CAUTION!**  
EXISTING UNDERGROUND  
COMMUNICATION CABLES  
CONFIRM LOCATION

**WARNING**  
**BWARE OF UNDERGROUND SERVICES**  
THE LOCATIONS OF UNDERGROUND SERVICES HAVE BEEN INTERPOLATED FROM KNOWN POSITIONS OF VALVES, MANHOLES ETC. AND/OR INFORMATION SUPPLIED BY SERVICE AUTHORITIES. NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OF THE INTERPOLATED INFORMATION SUPPLIED. ENSURE ALL SERVICES ARE ACCURATELY LOCATED PRIOR TO COMMENCEMENT OF WORK.

REFER TO SHEET No.3 FOR SETOUT DETAILS.

REFER TO SHEET No.4 FOR SIGNS & LINE MARKING DETAILS.

REFER TO SHEET No.3 FOR SURVEY STATION SETOUT DETAILS.

**Hornsby Shire Council**  
**Design & Construction**  
**Branch**  
TELEPHONE: (02) 9847 6666  
FACSIMILE: (02) 9847 6999  
Authorised for release - Manager Design & Construction  
Name: R. RAJCA Signed: Date:

Designer S. COMISH Signed:	Design Checked-Design Team Leader Signed:				
Drawn S. COMISH Signed:	Drawing Checked Signed:				
Surveyor T. PELL	NA Field Book	NA Level Book	AHD Datum		
Project Identifier\ACAD File Name H:\Old Berowra Rd_TR_100105\Design\ACAD\Old Berowra Rd.dwg					
TRIM Document Number XXX					
1	ISSUED FOR CONSTRUCTION		M. NOBILO		
Issue	Description		Name	Initial	Date
Design not to be amended without authorisation by Manager Design & Construction					

Bar Scales  
0 1 2 3 4 5m  
SCALE 1:100 @ A1  
**DRAFT**  
not for construction  
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630  
DX 9655 HORNSBY

**OLD BEROWRA ROAD, HORNSBY**  
**PROPOSED PEDESTRIAN REFUGE ISLAND**  
**GENERAL WORKS & SERVICES PLAN**

Project Number <b>100105</b>	Sheet of <b>2 4</b>	Issue <b>1</b>
HSC Drawing Number <b>281.8</b>		

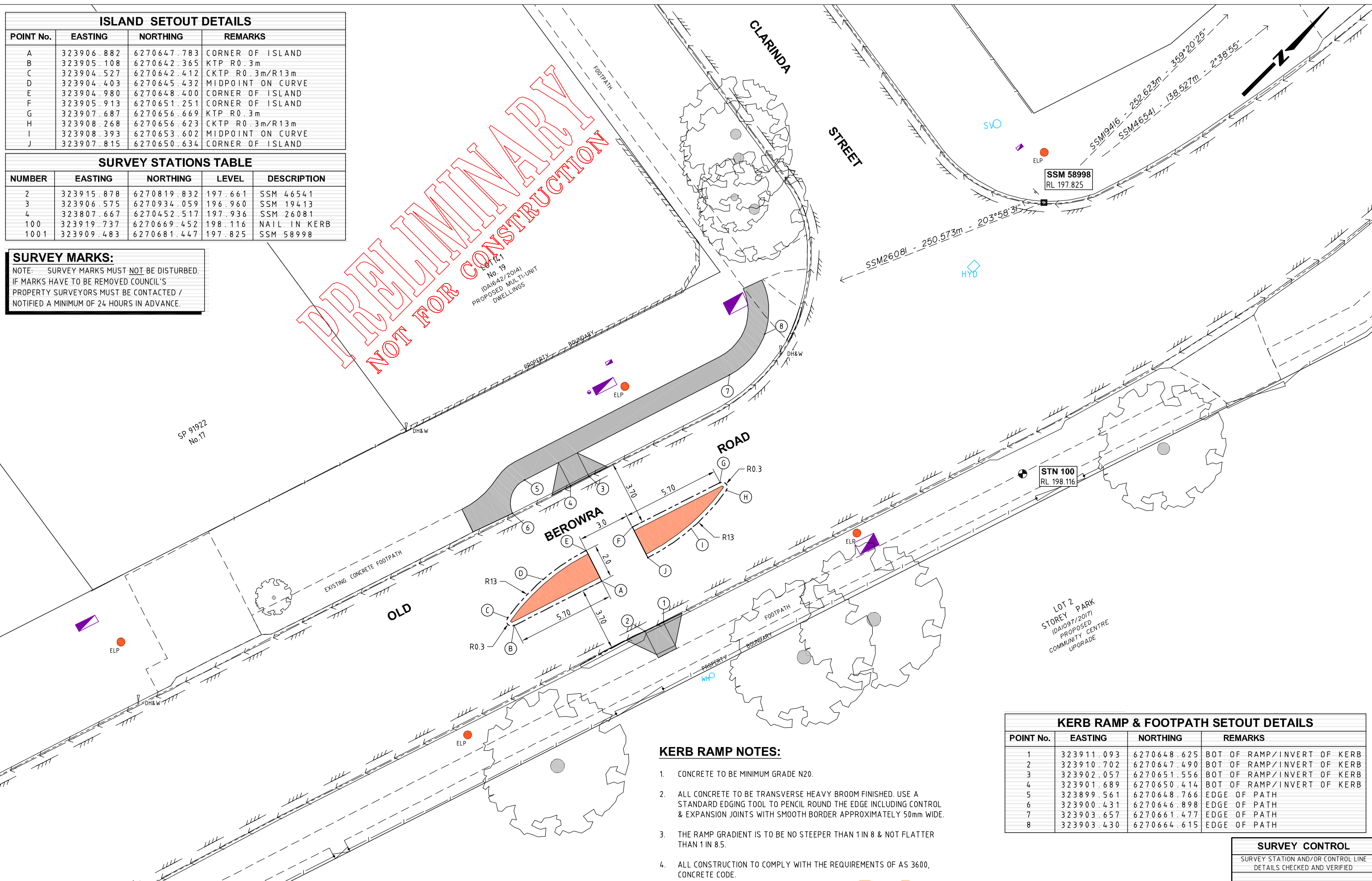


ISLAND SETOUT DETAILS			
POINT No.	EASTING	NORTHING	REMARKS
A	323906.882	6270647.783	CORNER OF ISLAND
B	323905.108	6270642.365	KTP R0.3m
C	323904.527	6270642.412	CKTP R0.3m/R13m
D	323904.403	6270645.432	MIDPOINT ON CURVE
E	323904.980	6270648.400	CORNER OF ISLAND
F	323905.913	6270651.251	CORNER OF ISLAND
G	323907.687	6270656.669	KTP R0.3m
H	323908.268	6270656.623	CKTP R0.3m/R13m
I	323908.393	6270653.602	MIDPOINT ON CURVE
J	323907.815	6270650.634	CORNER OF ISLAND

SURVEY STATIONS TABLE				
NUMBER	EASTING	NORTHING	LEVEL	DESCRIPTION
2	323915.878	6270819.832	197.661	SSM 46541
3	323906.575	6270934.059	196.960	SSM 19413
4	323807.667	6270452.517	197.936	SSM 26081
100	323919.737	6270669.452	198.116	NAIL IN KERB
1001	323909.483	6270681.447	197.825	SSM 58998

**SURVEY MARKS:**  
 NOTE: SURVEY MARKS MUST NOT BE DISTURBED.  
 IF MARKS HAVE TO BE REMOVED COUNCIL'S  
 PROPERTY SURVEYORS MUST BE CONTACTED /  
 NOTIFIED A MINIMUM OF 24 HOURS IN ADVANCE.

PRELIMINARY  
 NOT FOR CONSTRUCTION



**KERB RAMP NOTES:**

1. CONCRETE TO BE MINIMUM GRADE N20.
2. ALL CONCRETE TO BE TRANSVERSE HEAVY BROOM FINISHED. USE A STANDARD EDGING TOOL TO PENCIL ROUND THE EDGE INCLUDING CONTROL & EXPANSION JOINTS WITH SMOOTH BORDER APPROXIMATELY 50mm WIDE.
3. THE RAMP GRADIENT IS TO BE NO STEEPER THAN 1 IN 8 & NOT FLATTER THAN 1 IN 8.5.
4. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.

KERB RAMP & FOOTPATH SETOUT DETAILS			
POINT No.	EASTING	NORTHING	REMARKS
1	323911.093	6270648.625	BOT OF RAMP/INVERT OF KERB
2	323910.702	6270647.490	BOT OF RAMP/INVERT OF KERB
3	323902.057	6270651.556	BOT OF RAMP/INVERT OF KERB
4	323901.689	6270650.414	BOT OF RAMP/INVERT OF KERB
5	323899.561	6270648.766	EDGE OF PATH
6	323900.431	6270646.898	EDGE OF PATH
7	323903.657	6270661.477	EDGE OF PATH
8	323903.430	6270664.615	EDGE OF PATH

SURVEY CONTROL		
SURVEY STATION AND/OR CONTROL LINE DETAILS CHECKED AND VERIFIED		
Signed:	Date:	
Project Number	100105	
Sheet	of	Issue
3	4	1
HSC Drawing Number		
281.8		

**Hornsby Shire Council  
 Design & Construction  
 Branch**  
 TELEPHONE: (02) 9847 6666  
 FACSIMILE: (02) 9847 6999

Designer S. COMISH	Design Checked-Design Team Leader Signed:				
Drawn S. COMISH	Drawing Checked Signed:				
Surveyor T. PELL	NA Field Book	NA Level Book	AHD Datum		
Project Identifier\CAD File Name H:\Old Berowra Rd_TR_100105\Design\ACAD\Old Berowra Rd.dwg	1	ISSUED FOR CONSTRUCTION	M. NOBILO		
TRIM Document Number XXX	Issue	Description	Name	Initial	Date
Name: R. RAJCA	Signed:	Date:	Design not to be amended without authorisation by Manager Design & Construction		

Bar Scale  
 0 1 2 3 4 5m  
 SCALE 1:100  
 @ A1

**DRAFT**  
 not for construction

**HORNSBY SHIRE COUNCIL**  
 PO BOX 37, HORNSBY NSW 1630  
 DX 9855 HORNSBY

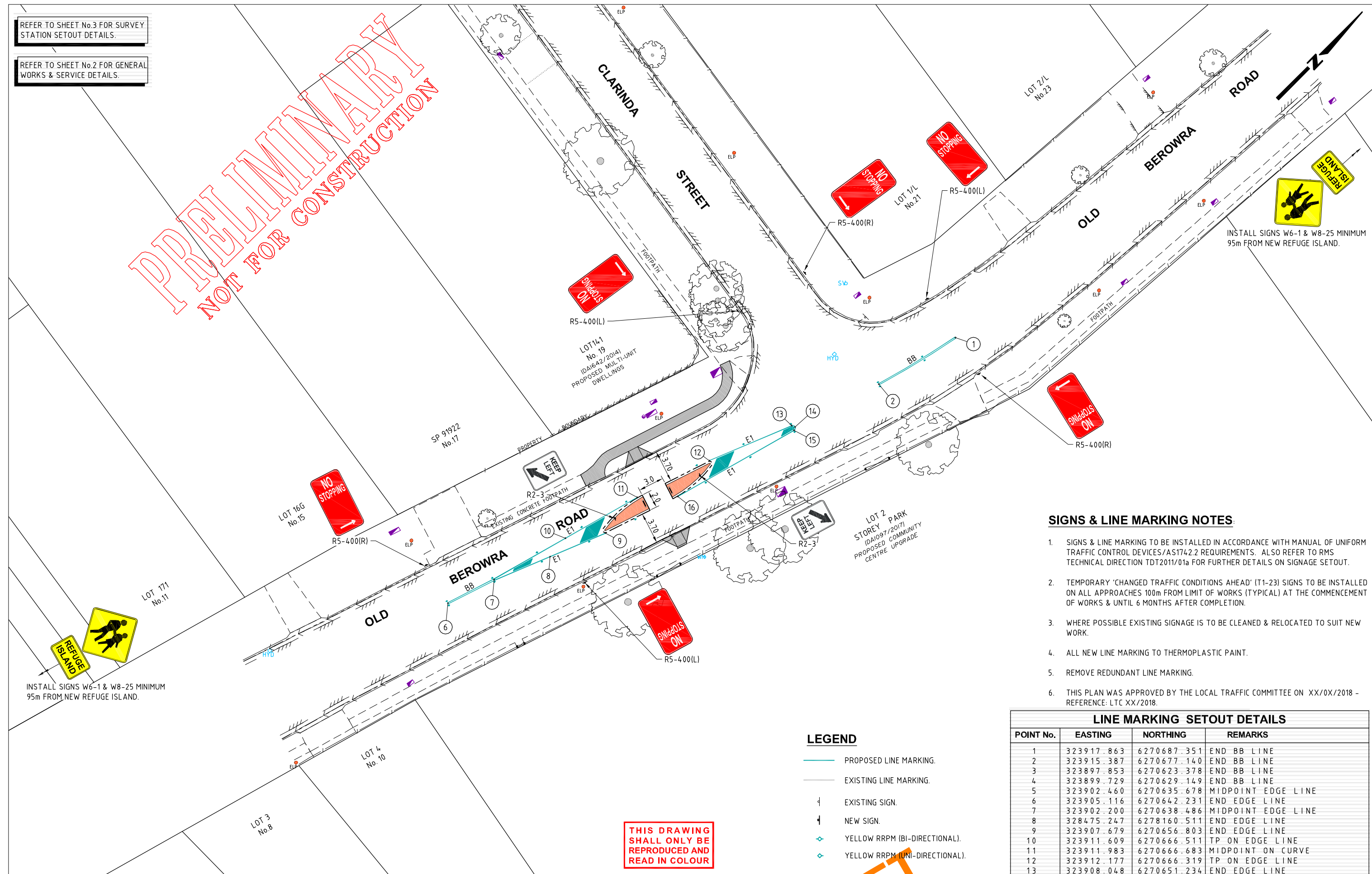
**OLD BEROWRA ROAD, HORNSBY  
 PROPOSED PEDESTRIAN REFUGE ISLAND**

SETOUT DETAILS

REFER TO SHEET No.3 FOR SURVEY STATION SETOUT DETAILS.

REFER TO SHEET No.2 FOR GENERAL WORKS & SERVICE DETAILS.

**PRELIMINARY  
NOT FOR CONSTRUCTION**



INSTALL SIGNS W6-1 & W8-25 MINIMUM 95m FROM NEW REFUGE ISLAND.

INSTALL SIGNS W6-1 & W8-25 MINIMUM 95m FROM NEW REFUGE ISLAND.

**SIGNS & LINE MARKING NOTES:**

- SIGNS & LINE MARKING TO BE INSTALLED IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES/AS1742.2 REQUIREMENTS. ALSO REFER TO RMS TECHNICAL DIRECTION TDT2011/01a FOR FURTHER DETAILS ON SIGNAGE SETOUT.
- TEMPORARY 'CHANGED TRAFFIC CONDITIONS AHEAD' (T1-23) SIGNS TO BE INSTALLED ON ALL APPROACHES 100m FROM LIMIT OF WORKS (TYPICAL) AT THE COMMENCEMENT OF WORKS & UNTIL 6 MONTHS AFTER COMPLETION.
- WHERE POSSIBLE EXISTING SIGNAGE IS TO BE CLEANED & RELOCATED TO SUIT NEW WORK.
- ALL NEW LINE MARKING TO THERMOPLASTIC PAINT.
- REMOVE REDUNDANT LINE MARKING.
- THIS PLAN WAS APPROVED BY THE LOCAL TRAFFIC COMMITTEE ON XX/OX/2018 - REFERENCE: LTC XX/2018.

**LINE MARKING SETOUT DETAILS**

POINT No.	EASTING	NORTHING	REMARKS
1	323917.863	6270687.351	END BB LINE
2	323915.387	6270677.140	END BB LINE
3	323897.853	6270623.378	END BB LINE
4	323899.729	6270629.149	END BB LINE
5	323902.460	6270635.678	MIDPOINT EDGE LINE
6	323905.116	6270642.231	END EDGE LINE
7	323902.200	6270638.486	MIDPOINT EDGE LINE
8	328475.247	6278160.511	END EDGE LINE
9	323907.679	6270656.803	END EDGE LINE
10	323911.609	6270666.511	TP ON EDGE LINE
11	323911.983	6270666.683	MIDPOINT ON CURVE
12	323912.177	6270666.319	TP ON EDGE LINE
13	323908.048	6270651.234	END EDGE LINE

**LEGEND**

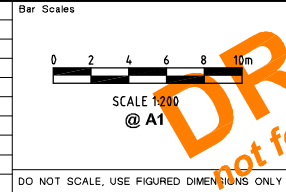
- PROPOSED LINE MARKING.
- EXISTING LINE MARKING.
- EXISTING SIGN.
- NEW SIGN.
- YELLOW RRPM (BI-DIRECTIONAL).
- YELLOW RRPM (UNI-DIRECTIONAL).

**THIS DRAWING SHALL ONLY BE REPRODUCED AND READ IN COLOUR**

**Hornsby Shire Council  
Design & Construction  
Branch**

Designer S. COMISH	Design Checked-Design Team Leader		
Drawn S. COMISH	Signed:		
Surveyor T. PELL	NA Field Book	NA Level Book	AHD Datum
Project Identifier\ACAD File Name H:\Old Berowra Rd_TR_100105\Design\ACAD\Old Berowra Rd.dwg			
TRIM Document Number XXX	Design not to be amended without authorisation by Manager Design & Construction		

1	ISSUED FOR CONSTRUCTION	M. NOBILO		
Issue	Description	Name	Initial	Date



**DRAFT**  
not for construction  
**HORNSBY SHIRE COUNCIL**  
PO BOX 37, HORNSBY NSW 1630  
DX 9855 HORNSBY

**OLD BEROWRA ROAD, HORNSBY  
PROPOSED PEDESTRIAN REFUGE ISLAND**

**SIGN & LINE MARKING PLAN**

Project Number <b>100105</b>	Sheet of <b>4 4</b>		Issue <b>1</b>
HSC Drawing Number <b>281.8</b>			