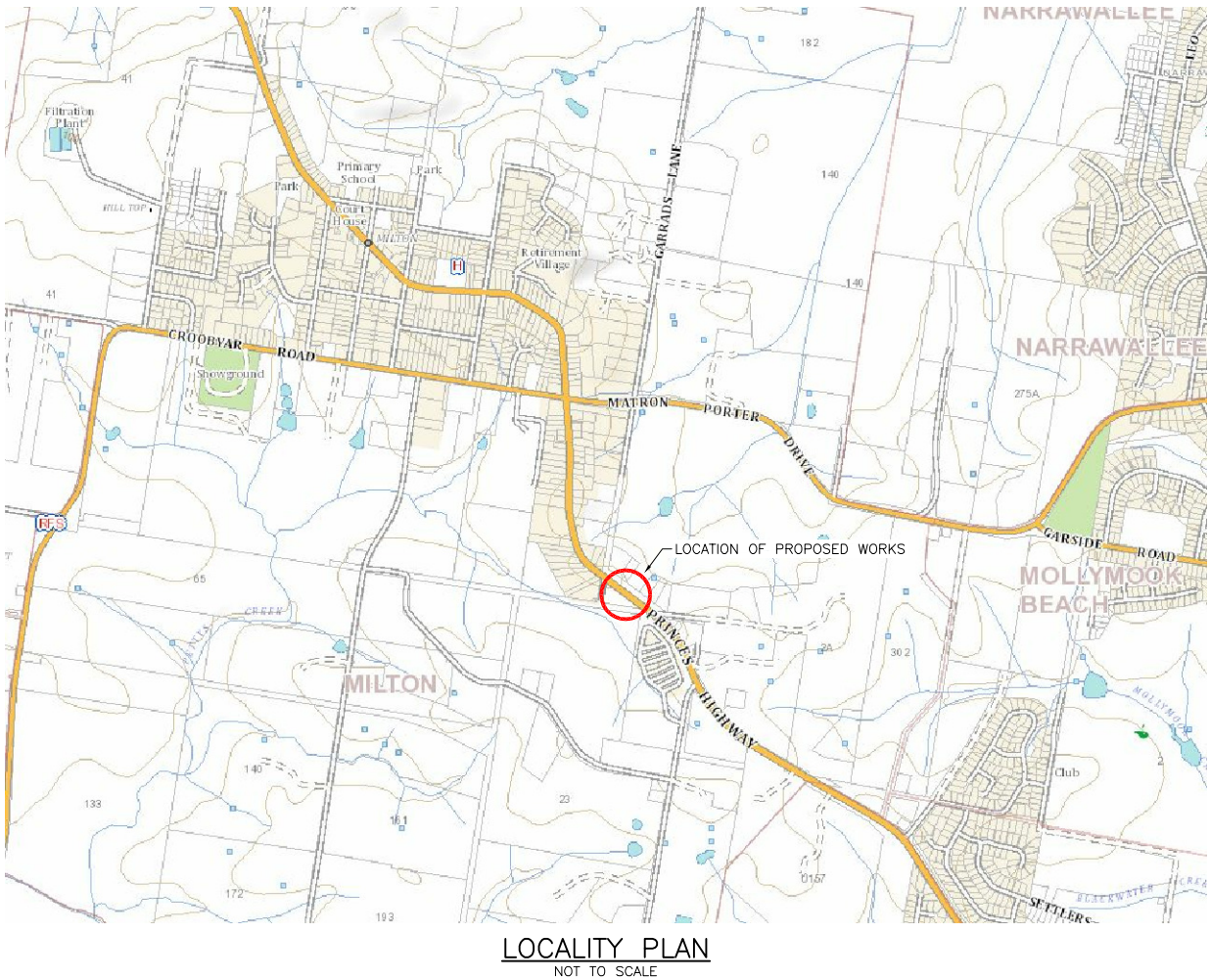


PROPOSED ROUNDABOUT FOR PROPOSED SENIORS LIVING DEVELOPMENT 267 PRINCES HIGHWAY, MILTON

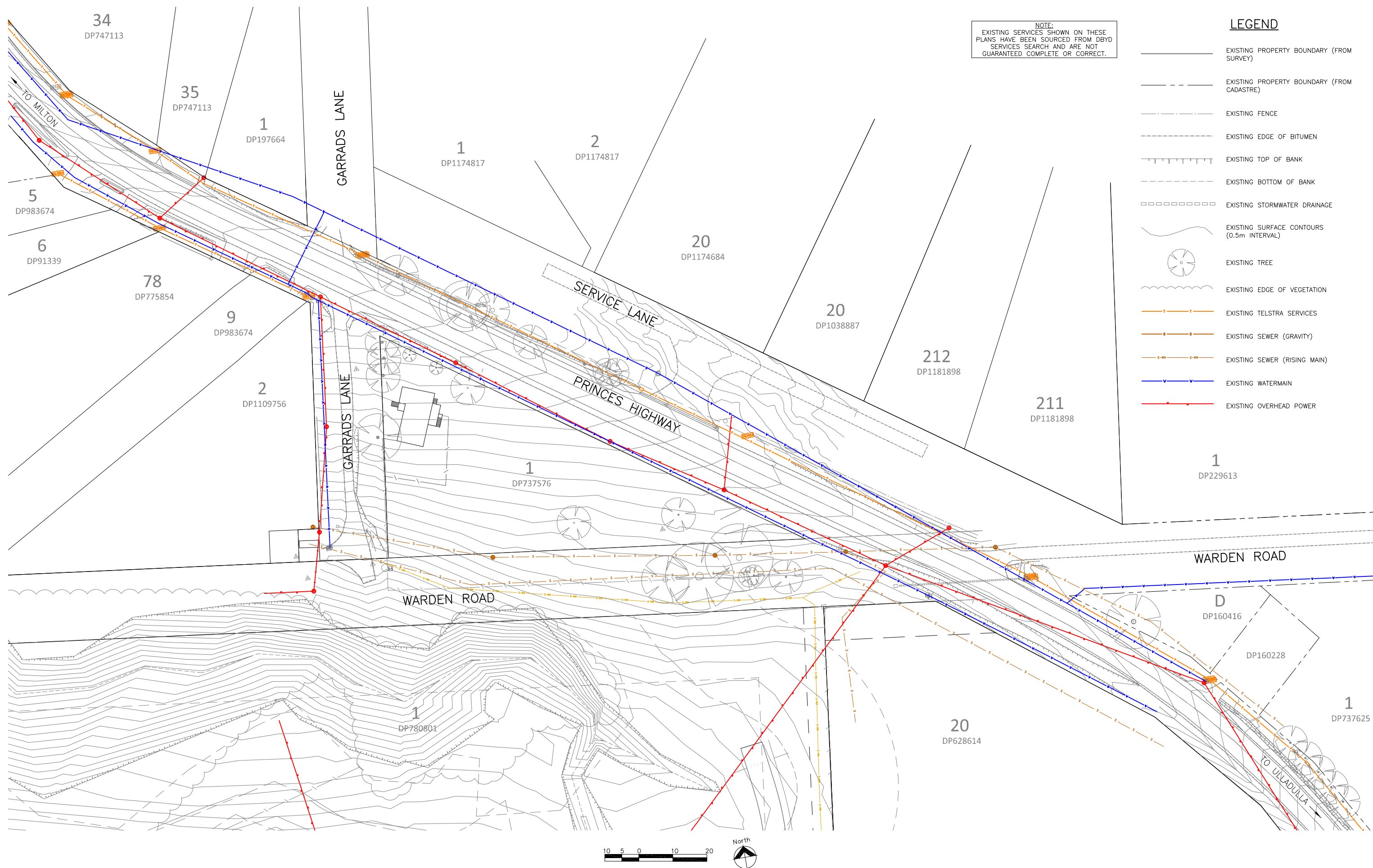
- CONCEPT DESIGN DRAWINGS -



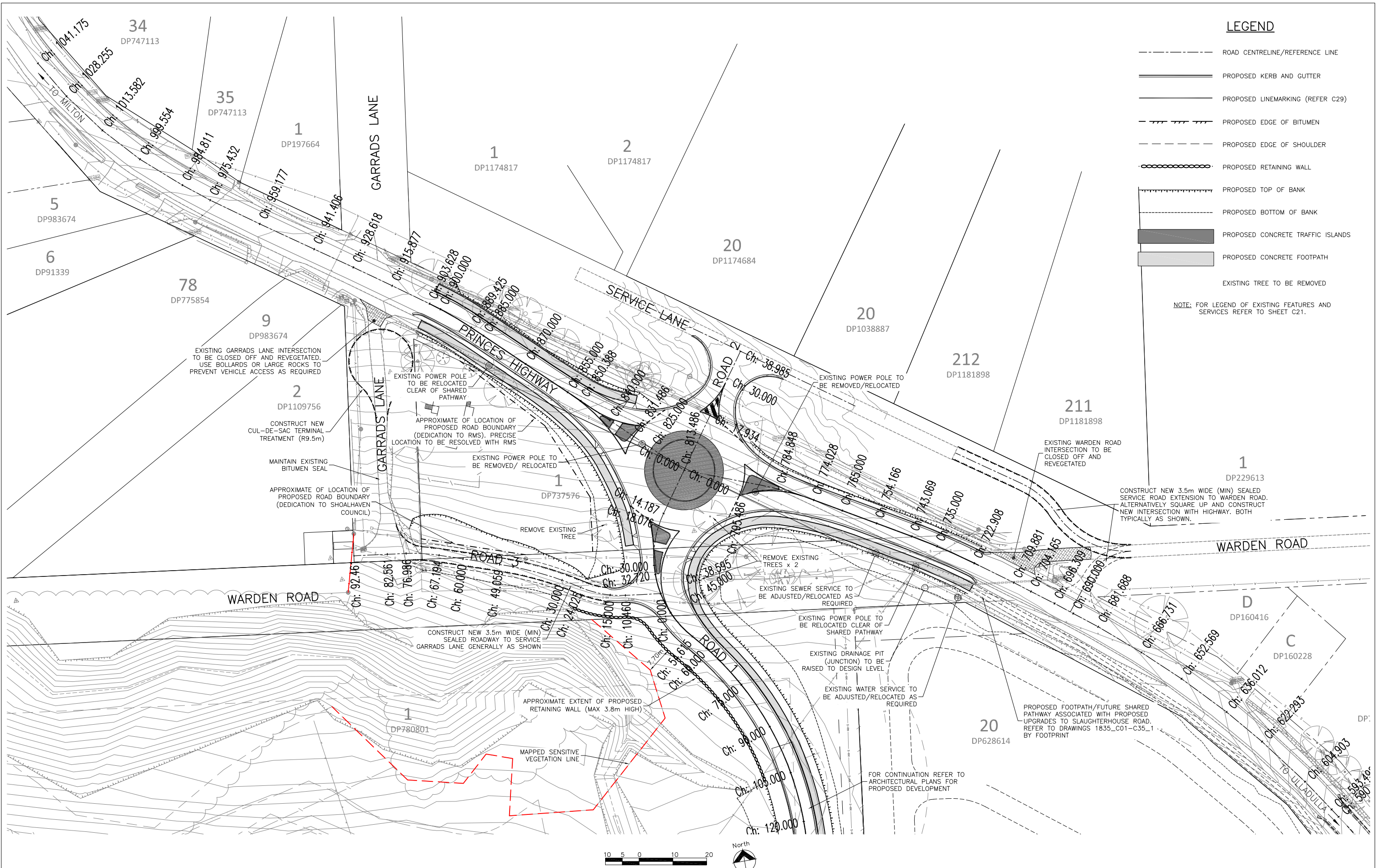
SHEET INDEX

DRAWING No.	DESCRIPTION
1806-C20	TITLE SHEET
1806-C21	SURVEY AND SERVICES PLAN
1806-C22	GENERAL ARRANGEMENT
1806-C23	ROUNDABOUT PLAN
1806-C24	ROAD LONGITUDINAL SECTIONS
1806-C25	PRINCES HIGHWAY CROSS SECTIONS – SHEET 1 OF 3
1806-C26	PRINCES HIGHWAY CROSS SECTIONS – SHEET 2 OF 3
1806-C27	PRINCES HIGHWAY CROSS SECTIONS – SHEET 3 OF 3
1806-C28	ROAD1 CROSS SECTIONS – SHEET 1 OF 1
1806-C29	SIGNAGE AND LNEMARKING PLAN
1806-C30	SWEPT PATH ANALYSIS – SHEET 1 OF 3
1806-C31	SWEPT PATH ANALYSIS – SHEET 2 OF 3
1806-C32	SWEPT PATH ANALYSIS – SHEET 3 OF 3
1806-C33	CRITERION 2 SIGHT DISTANCE PROFILES

			FOR DEVELOPMENT APPLICATION NOT FOR CONSTRUCTION	SCALES	ORIGINAL	SURVEYOR: RYGATE & WEST	 footprint sustainable engineering a. 15 meehan drive kiama downs nsw 2533 p. 02 4237 6770 f. 02 4237 8962	PROPOSED ROUNDABOUT	DRAWING NO. 1806-C20
				N.T.S	A1	DATUM: AHD		FOR PROPOSED SENIORS LIVING DEVELOPMENT	ISSUE: 2
				CLIENT: ANNSCA PROPERTY		AZIMUTH: MGA		267 PRINCES HIGHWAY, MILTON	SHEET 1 OF 14
						DRAWN: AB		TITLE SHEET	
			DESIGNED: AB						
2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19			DESIGNED DATE: JUL '19				
1	FOR DEVELOPMENT APPLICATION	01/08/19			CHECKED: AB				
ISSUE	DESCRIPTION	DATE	FOOTPRINT (NSW) PTY. LTD. AUTHORISE THE USE OF THIS DRAWING ONLY FOR THE PURPOSE DEMONSTRATED BY THE STATUS STAMP SHOWN ABOVE.						



			FOR DEVELOPMENT APPLICATION NOT FOR CONSTRUCTION		SCALES		ORIGINAL		SURVEYOR: RYGATE & WEST		 footprint sustainable engineering a. 15 meehan drive kiama downs nsw 2533 p. 02 4237 6770 f. 02 4237 8962	PROPOSED ROUNDABOUT FOR PROPOSED SENIORS LIVING DEVELOPMENT 267 PRINCES HIGHWAY, MILTON SURVEY AND SERVICES PLAN		DRAWING NO. 1806-C21	
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									AZIMUTH: MGA						
									DRAWN: AB						
2			AMENDED TO ADDRESS RMS COMMENTS		25/08/19				DESIGNED: AB					ISSUE: 2	
1			FOR DEVELOPMENT APPLICATION		01/08/19				DESIGNED DATE: JUL '19						
ISSUE			DESCRIPTION		DATE		CLIENT: ANNSCA PROPERTY		CHECKED: AB					SHEET 2 OF 14	
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2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19
1	FOR DEVELOPMENT APPLICATION	01/08/19
ISSUE	DESCRIPTION	DATE

FOR DEVELOPMENT APPLICATION
NOT FOR CONSTRUCTION

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STATUS STAMP SHOWN ABOVE.

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CLIENT:	ANNSCA PROPERTY

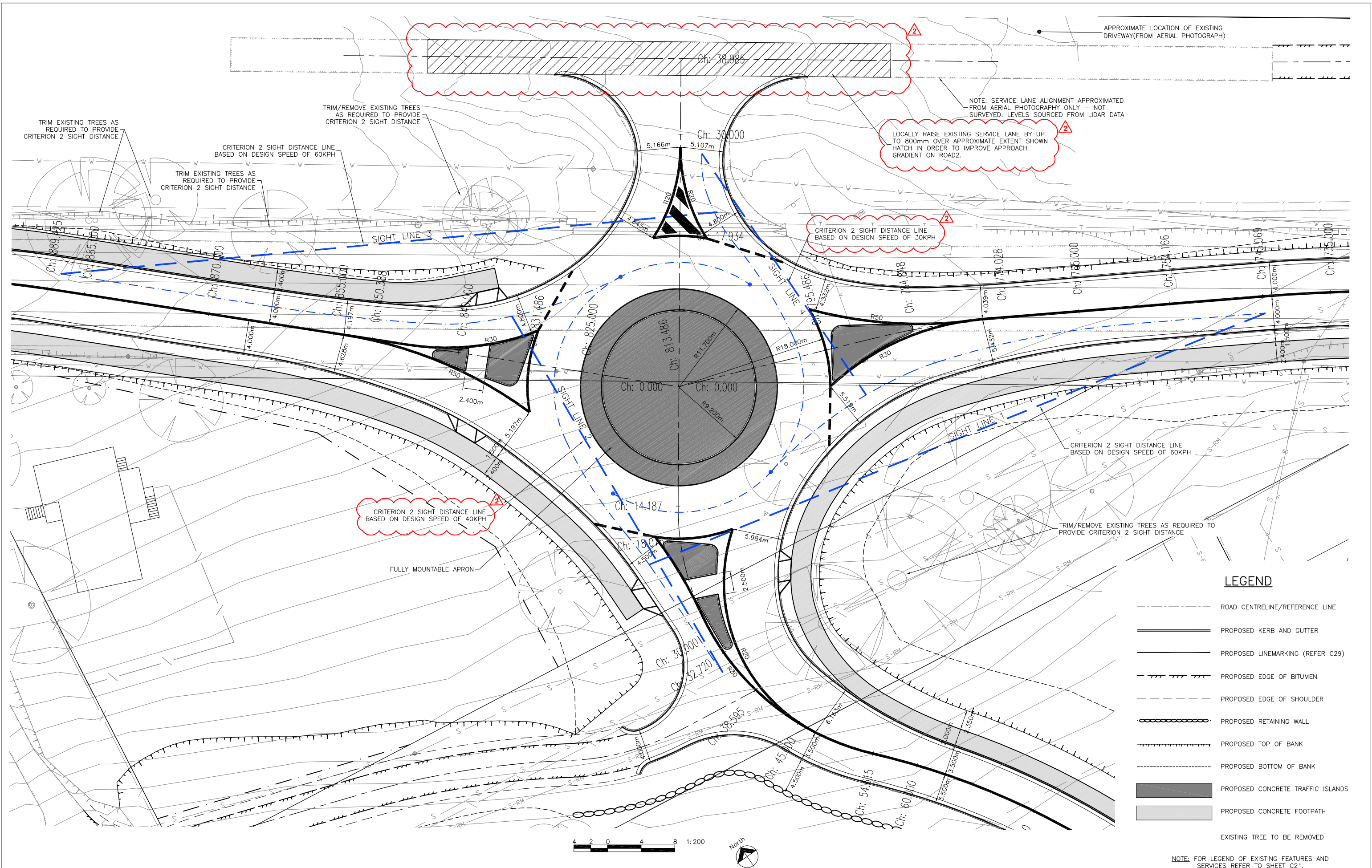
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DATUM:	AHD
AZIMUTH:	MGA
DRAWN:	AB
DESIGNED:	AB
DESIGNED DATE:	JUL '19
CHECKED:	AB

footprint
sustainable engineering
a. 15 meehan drive
kiama downs nsw 2533
p. 02 4237 6770
f. 02 4237 8962

PROPOSED ROUNDABOUT

FOR PROPOSED SENIORS LIVING DEVELOPMENT
267 PRINCES HIGHWAY, MILTON
GENERAL ARRANGEMENT

DRAWING NO.	1806-C22
ISSUE.	2
SHEET	3 OF 14



2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19
1	FOR DEVELOPMENT APPLICATION	01/08/19
ISSUE	DESCRIPTION	DATE

FOR DEVELOPMENT APPLICATION
NOT FOR CONSTRUCTION

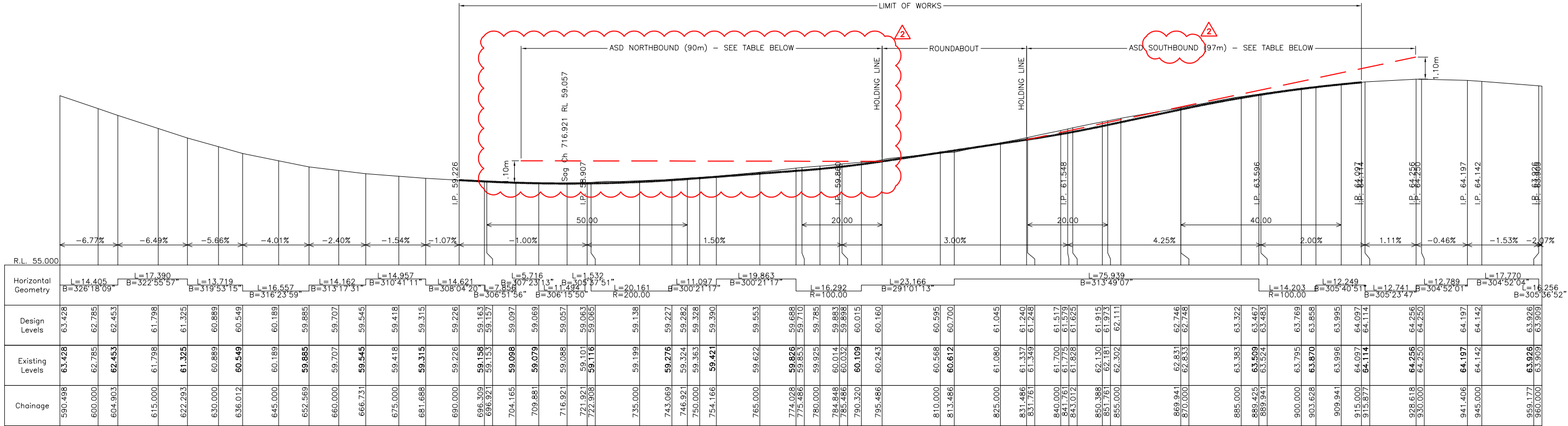
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STATUS STAMP SHOWN ABOVE.

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CLIENT:	ANNSCA PROPERTY	AZIMUTH:	MGA
		DRAWN:	AB
		DESIGNED:	AB
		DESIGNED DATE:	JUL '19
		CHECKED:	AB

footprint
sustainable engineering
a. 15 meehan drive
kiama downs nsw 2533
p. 02 4237 6770
f. 02 4237 8962

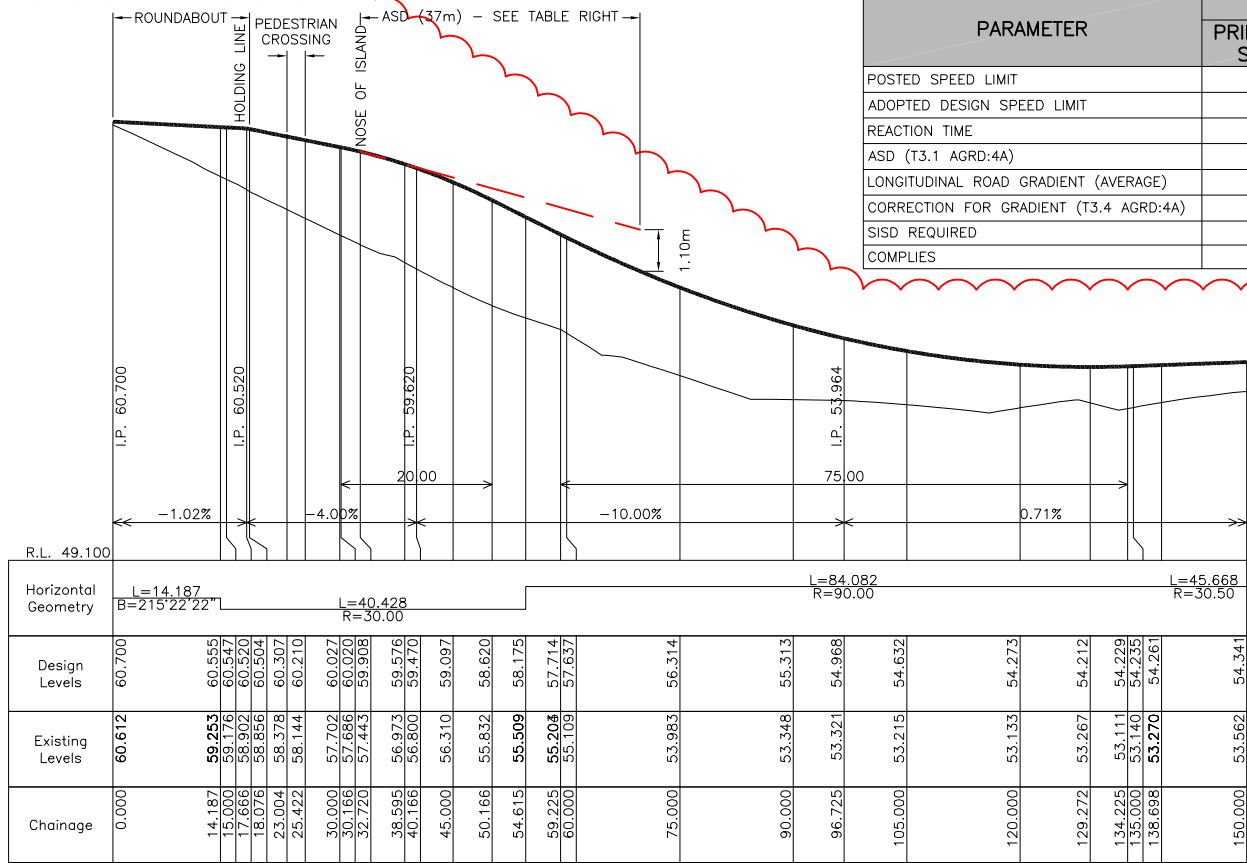
PROPOSED ROUNDABOUT
FOR PROPOSED SENIORS LIVING DEVELOPMENT
267 PRINCES HIGHWAY, MILTON
ROUNDABOUT PLAN

DRAWING NO.	1806-C23
ISSUE.	2
SHEET	4 OF 14



PRINCES HIGHWAY LONGITUDINAL SECTION

SCALES H 1:500
V 1:100

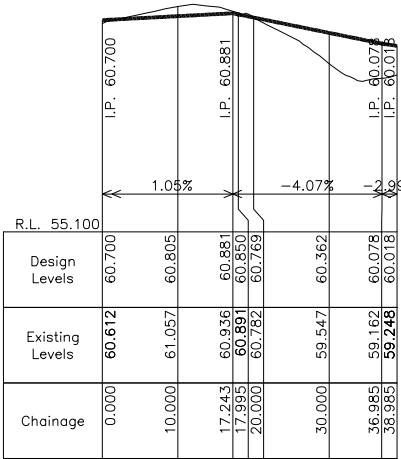


ROAD1 LONGITUDINAL SECTION

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V 1:100

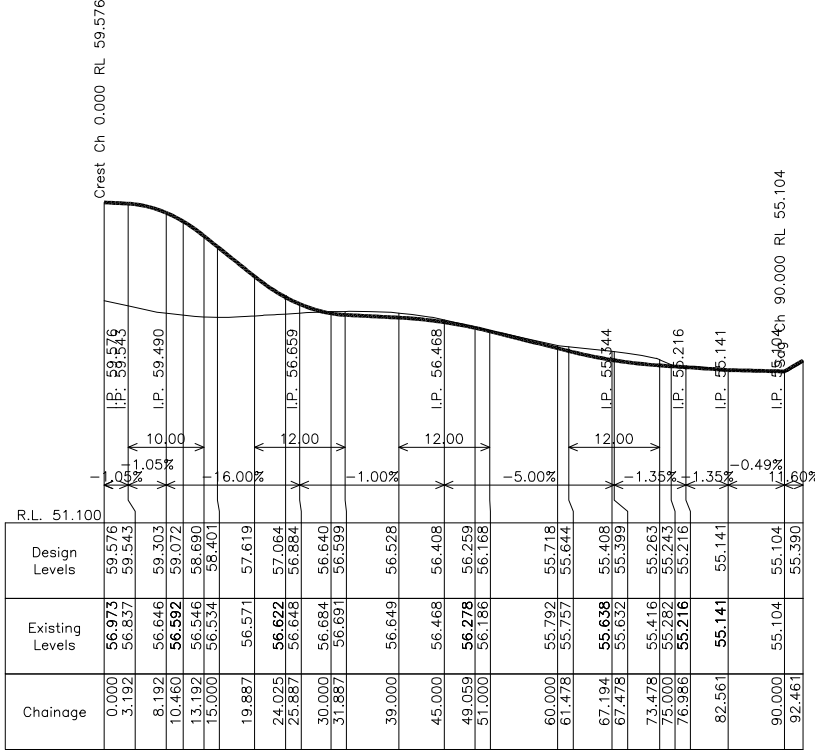
ASD CALCULATIONS

PARAMETER	VALUE		
	PRINCES HWY - STH BOUND	PRINCES HWY - NTH BOUND	ROAD 1
POSTED SPEED LIMIT	60km/h	60km/h	50km/h
ADOPTED DESIGN SPEED LIMIT	70km/h	70km/h	40km/h
REACTION TIME	2 SECONDS	2 SECONDS	2 SECONDS
ASD (T3.1 AGRD:4A)	92m	92m	40m
LONGITUDINAL ROAD GRADIENT (AVERAGE)	-3.2%	+1.2%	+10%
CORRECTION FOR GRADIENT (T3.4 AGRD:4A)	+5m	-2m	3m
SISD REQUIRED	97m	90m	37m
COMPLIES	YES	YES	YES



ROAD2 LONGITUDINAL SECTION

SCALES H 1:500
V 1:100



ROAD3 LONGITUDINAL SECTION

SCALES H 1:500
V 1:100

2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19
1	FOR DEVELOPMENT APPLICATION	01/08/19
ISSUE	DESCRIPTION	DATE

FOR DEVELOPMENT APPLICATION
NOT FOR CONSTRUCTION

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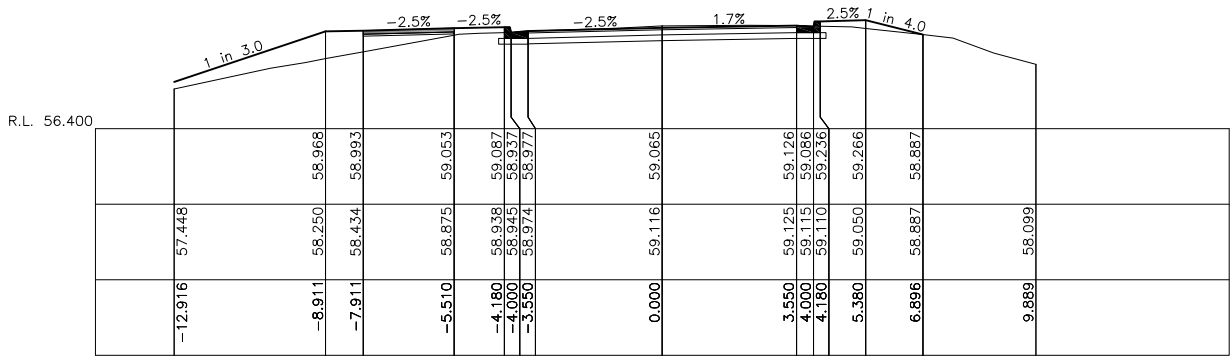
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SURVEYOR:	RYGATE & WEST
DATUM:	AHD
AZIMUTH:	MGA
DRAWN:	AB
DESIGNED:	AB
DESIGNED DATE:	JUL '19
CHECKED:	AB

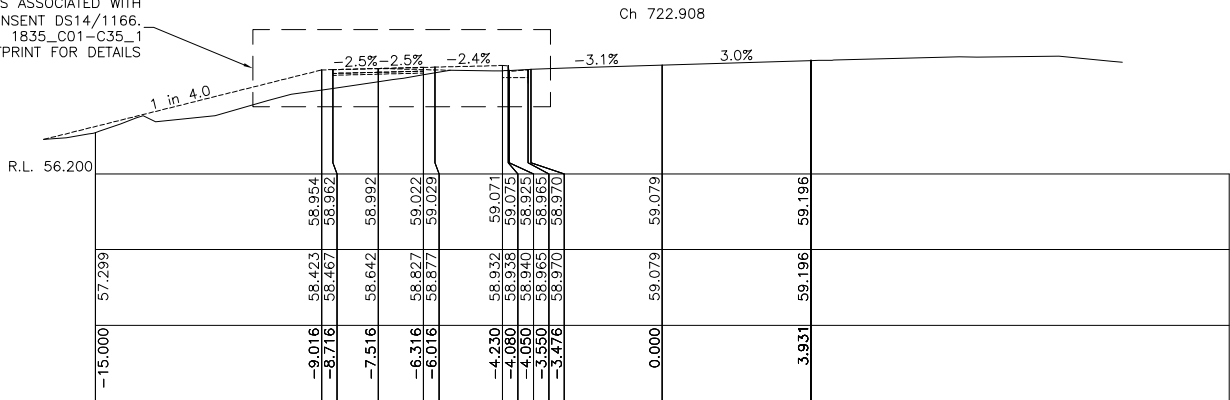


PROPOSED ROUNDABOUT
FOR PROPOSED SENIORS LIVING DEVELOPMENT
267 PRINCES HIGHWAY, MILTON
ROAD LONGITUDINAL SECTIONS

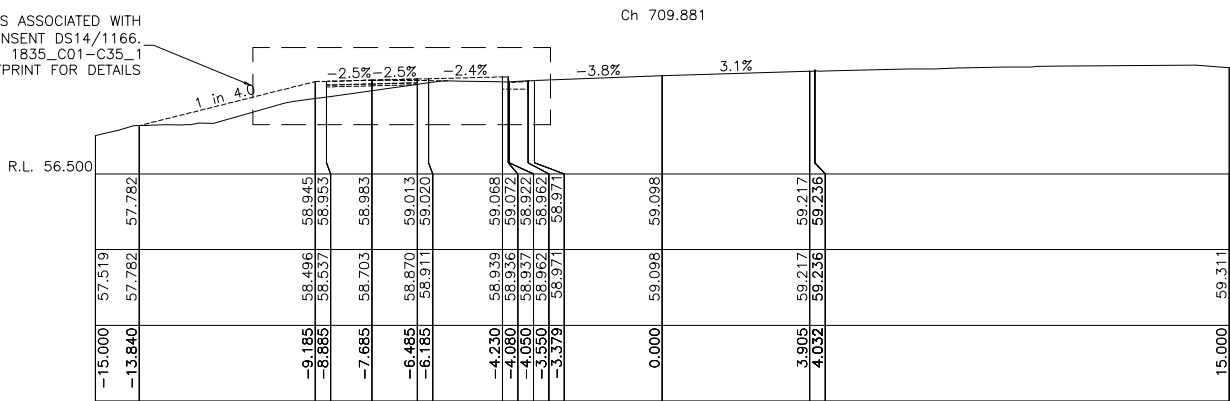
DRAWING NO.	1806-C24
ISSUE.	2
SHEET	5 OF 14



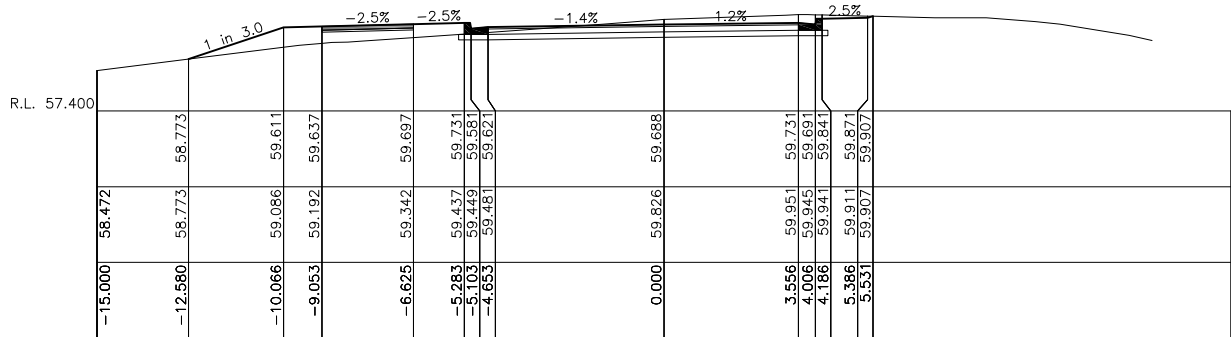
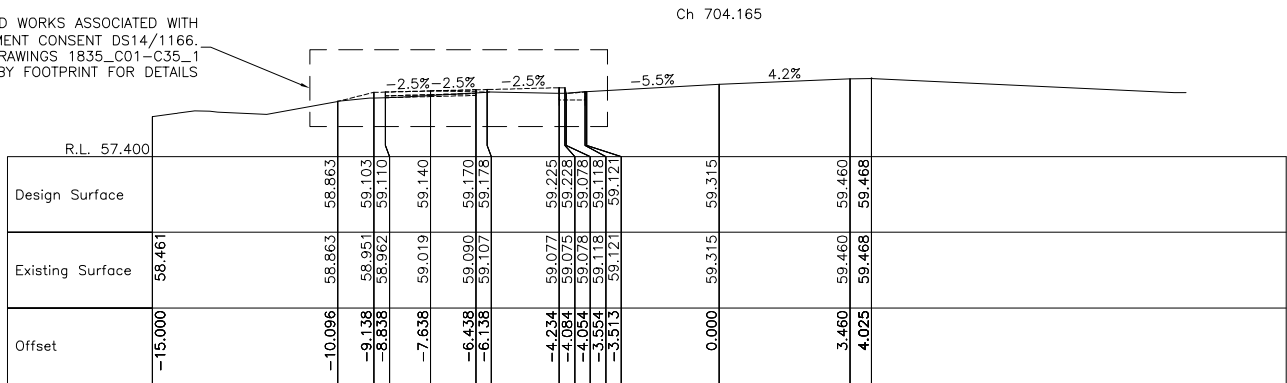
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REFER TO DRAWINGS 1835_C01-C35_1
BY FOOTPRINT FOR DETAILS



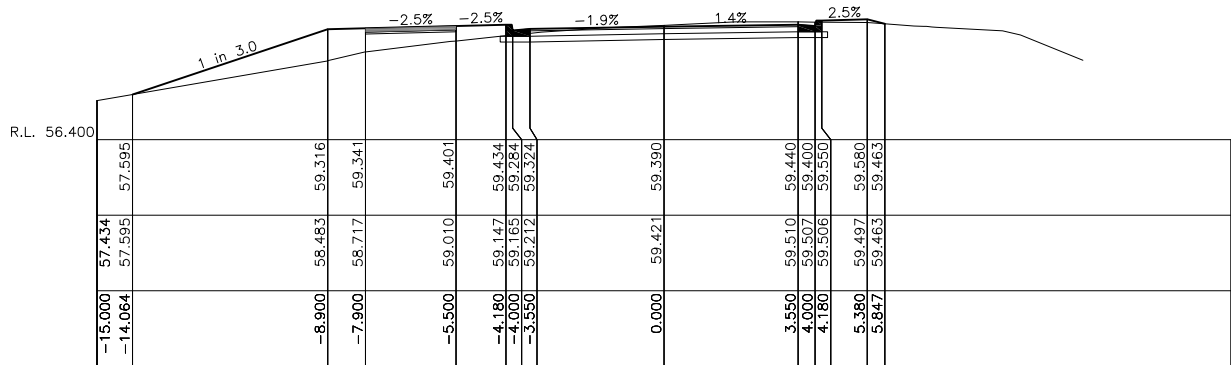
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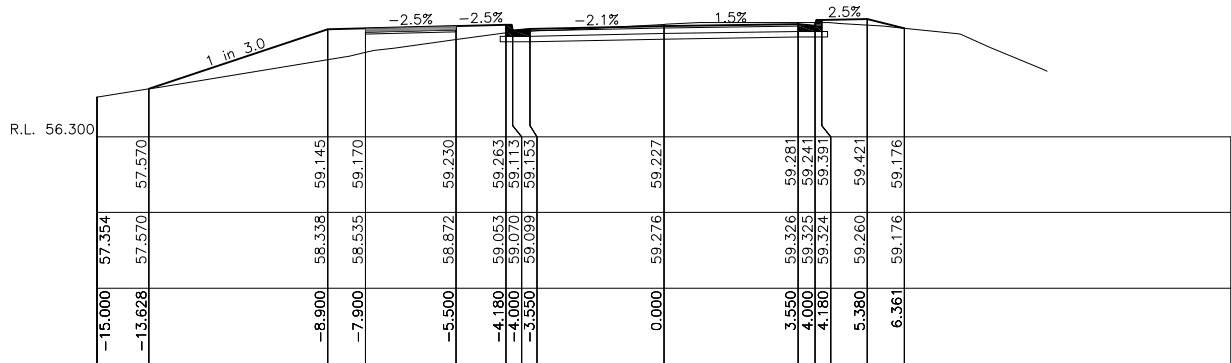
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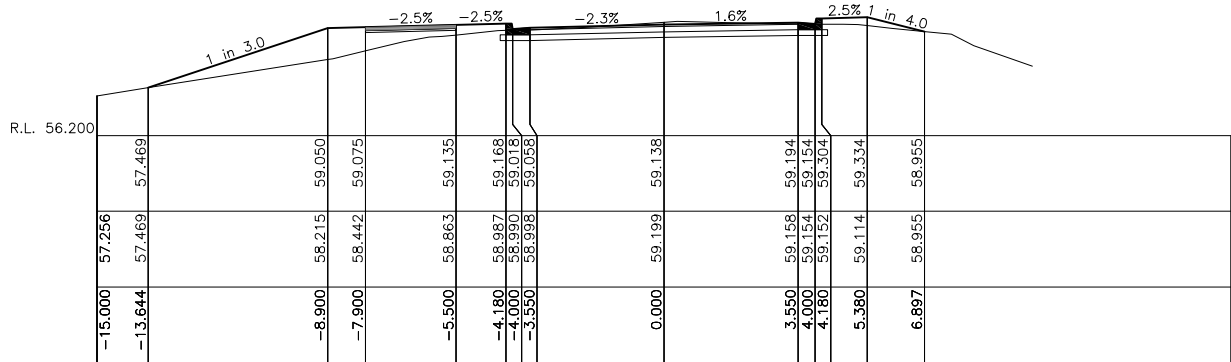
Ch 774.028



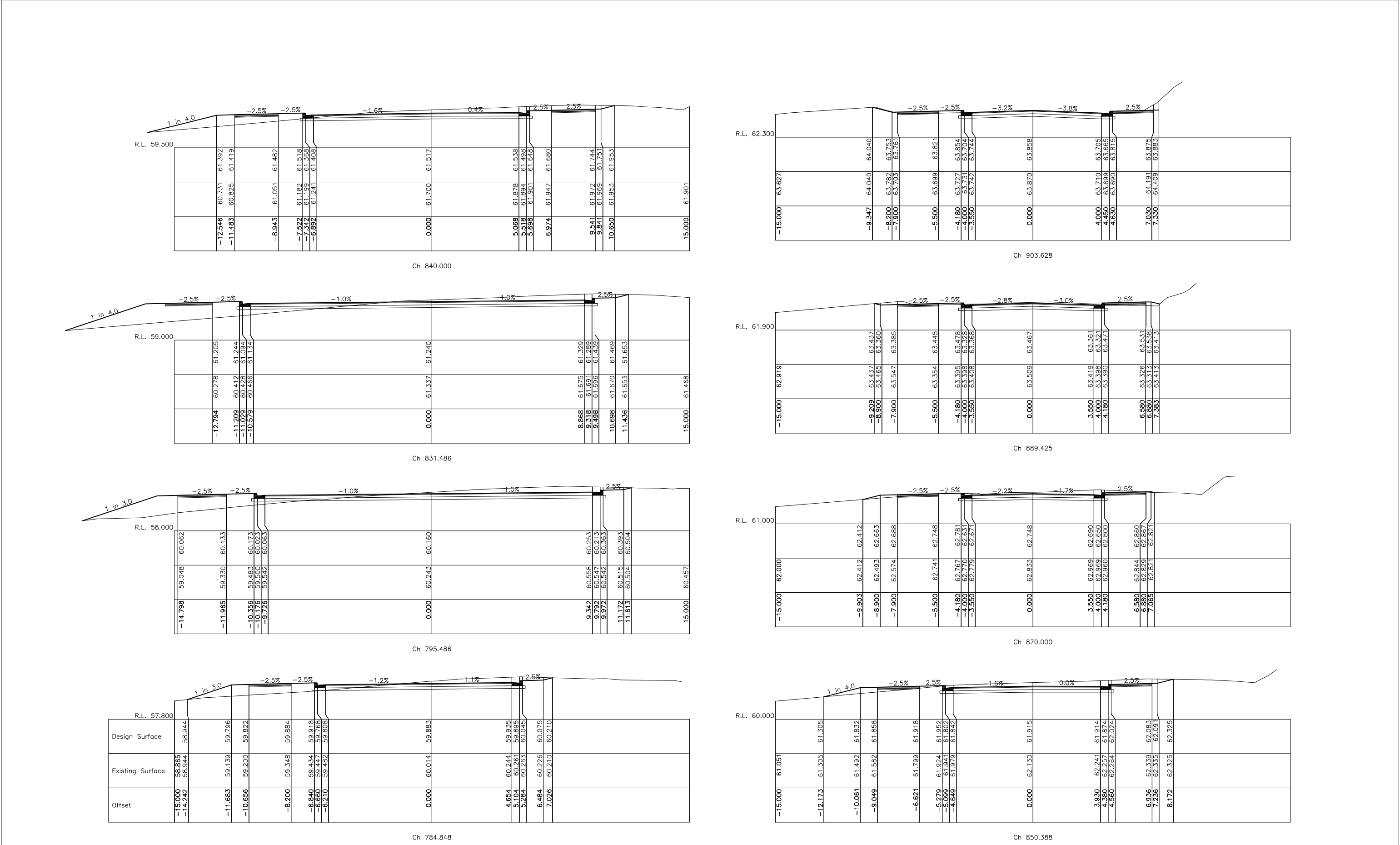
Ch 754.166

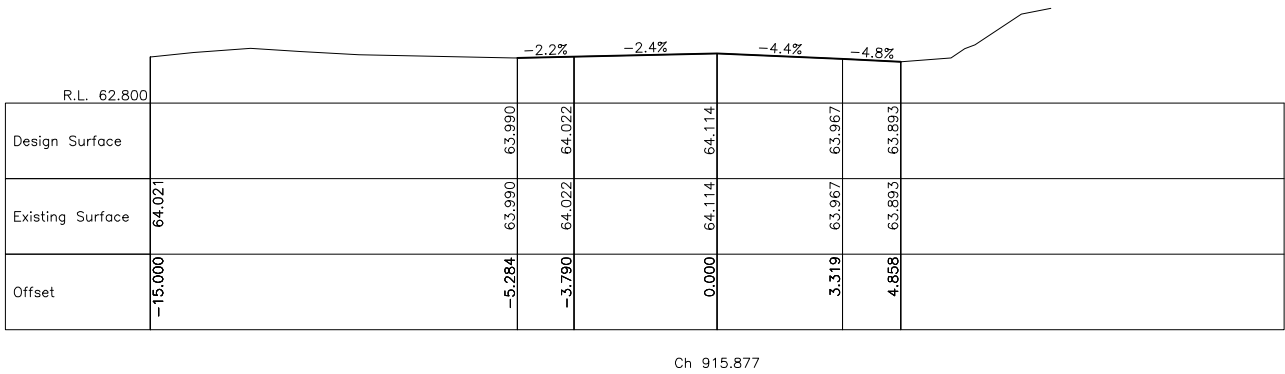
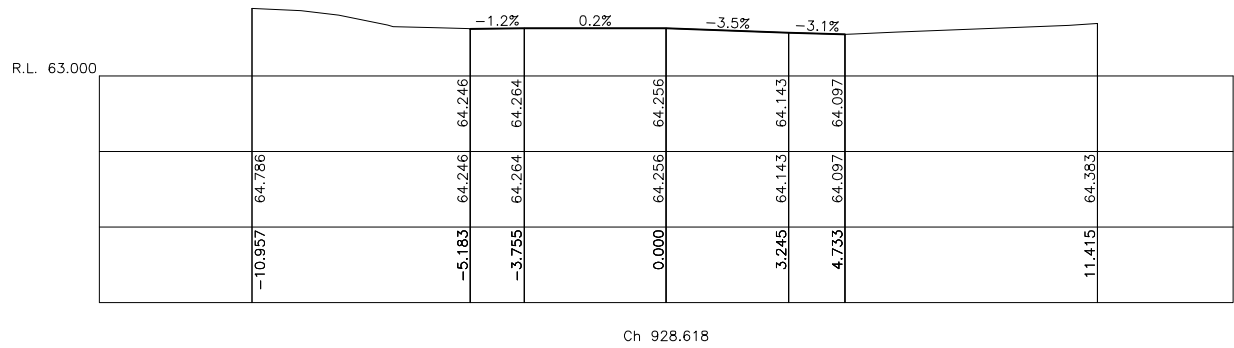


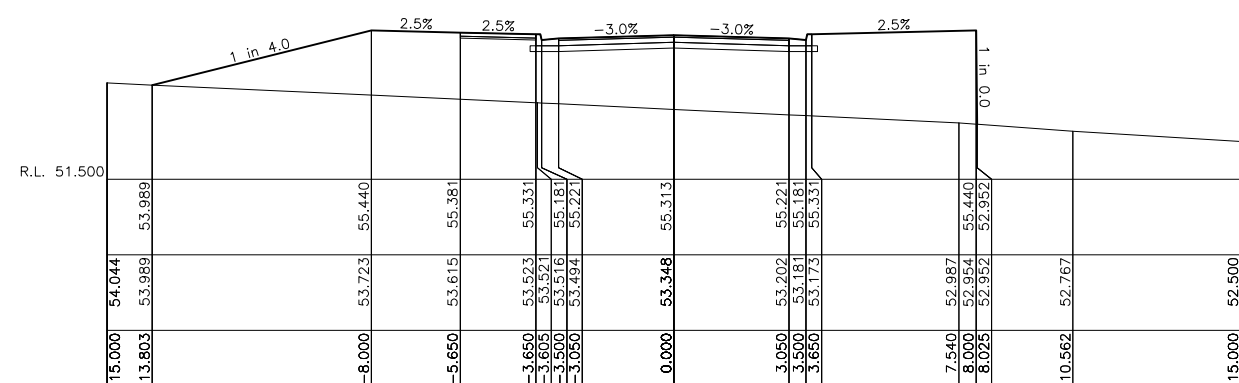
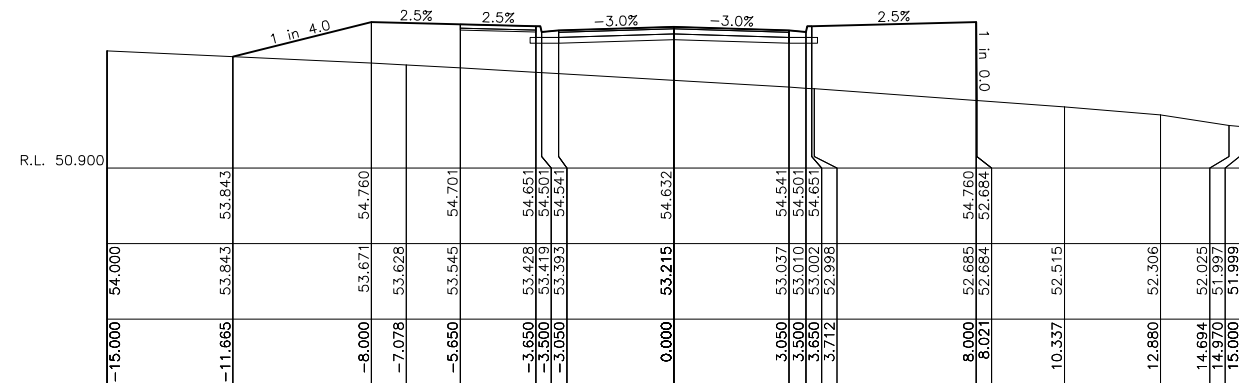
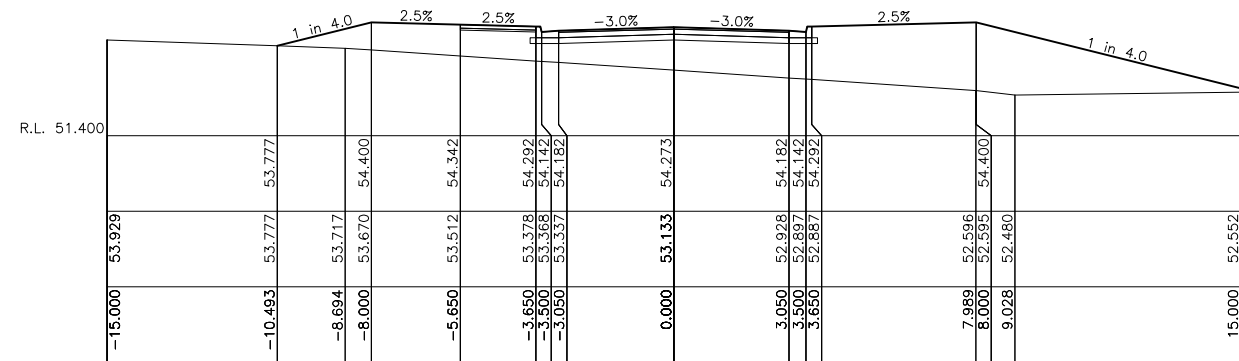
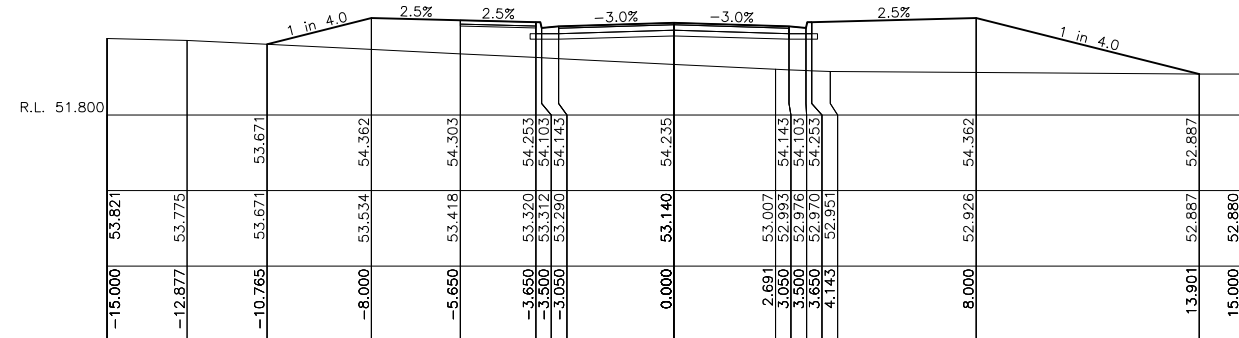
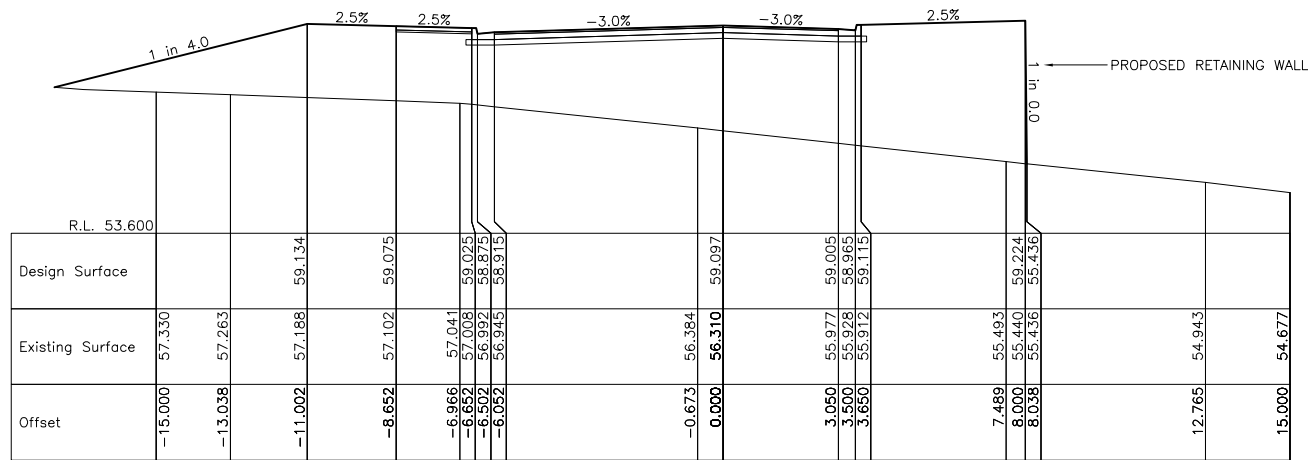
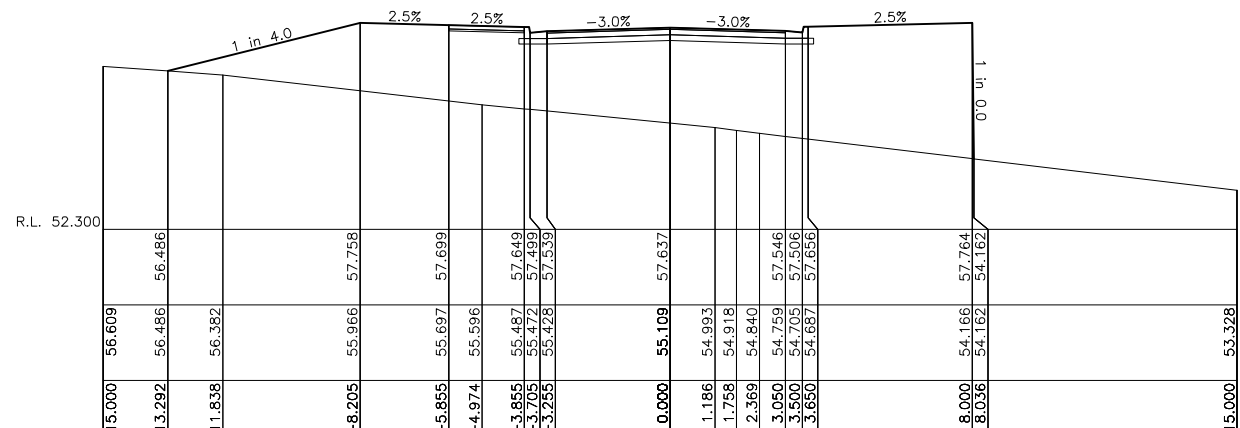
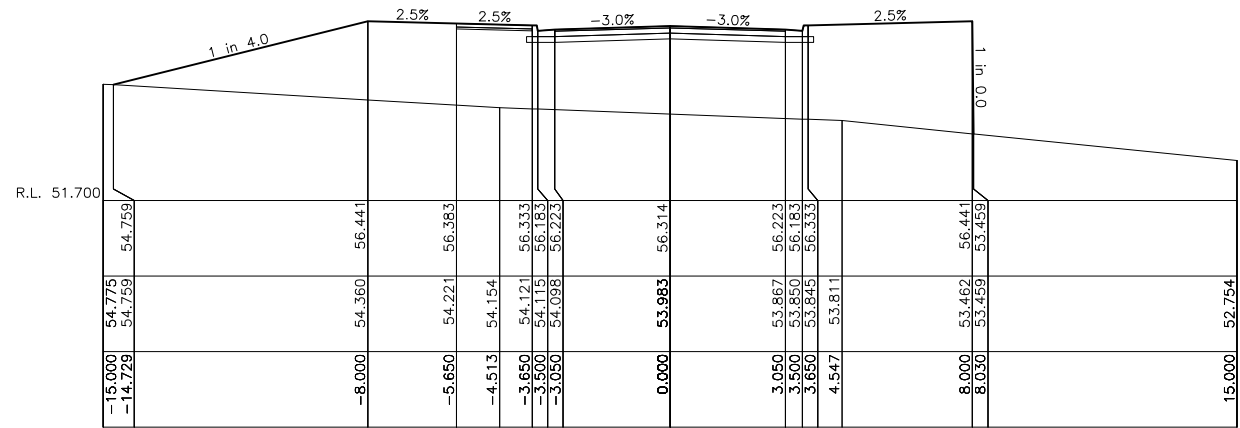
Ch 743.069



Ch 735.000







2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19
1	FOR DEVELOPMENT APPLICATION	01/08/19
ISSUE	DESCRIPTION	DATE

FOR DEVELOPMENT APPLICATION

NOT FOR CONSTRUCTION

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SCALES	ORIGINAL	SURVEYOR: RYGATE & WEST
1:100	A1	DATUM: AHD
CLIENT: ANNSCA PROPERTY		AZIMUTH: MGA
		DRAWN: AB
		DESIGNED: AB
		DESIGNED DATE: JUL '19
		CHECKED: AB

**footprint**
sustainable engineering
a. 15 meehan drive
kiama downs nsw 2533
p. 02 4237 6770
f. 02 4237 8962

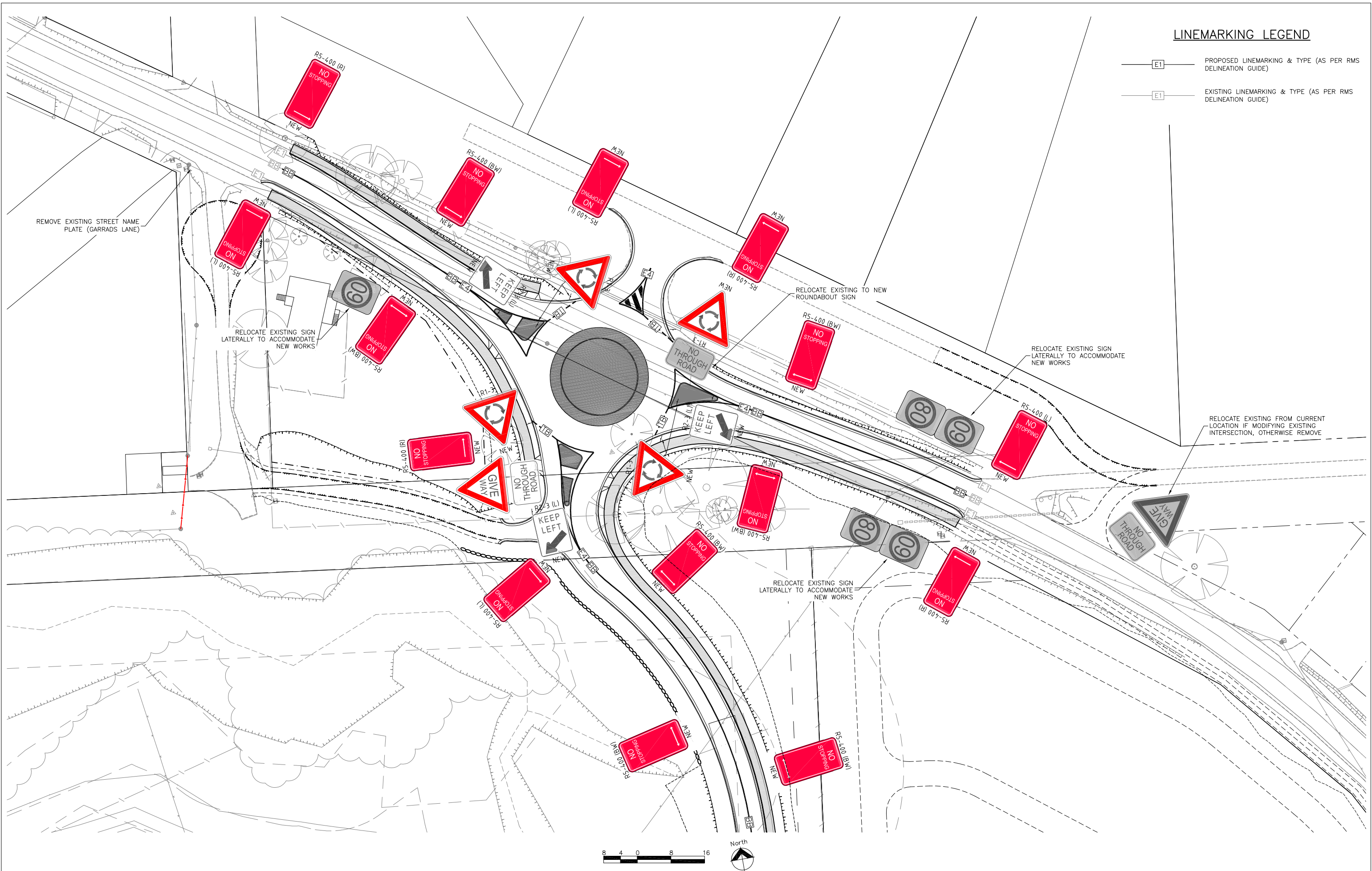
PROPOSED ROUNDABOUT

FOR PROPOSED SENIORS LIVING DEVELOPMENT

267 PRINCES HIGHWAY, MILTON

ROAD1 CROSS SECTIONS - SHEET 1 OF 1

DRAWING NO.	1806-C28
ISSUE.	2
SHEET	9 OF 14



LINEMARKING LEGEND

- PROPOSED LINEMARKING & TYPE (AS PER RMS DELINEATION GUIDE)
- EXISTING LINEMARKING & TYPE (AS PER RMS DELINEATION GUIDE)

2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19
1	FOR DEVELOPMENT APPLICATION	01/08/19
ISSUE	DESCRIPTION	DATE

FOR DEVELOPMENT APPLICATION
NOT FOR CONSTRUCTION

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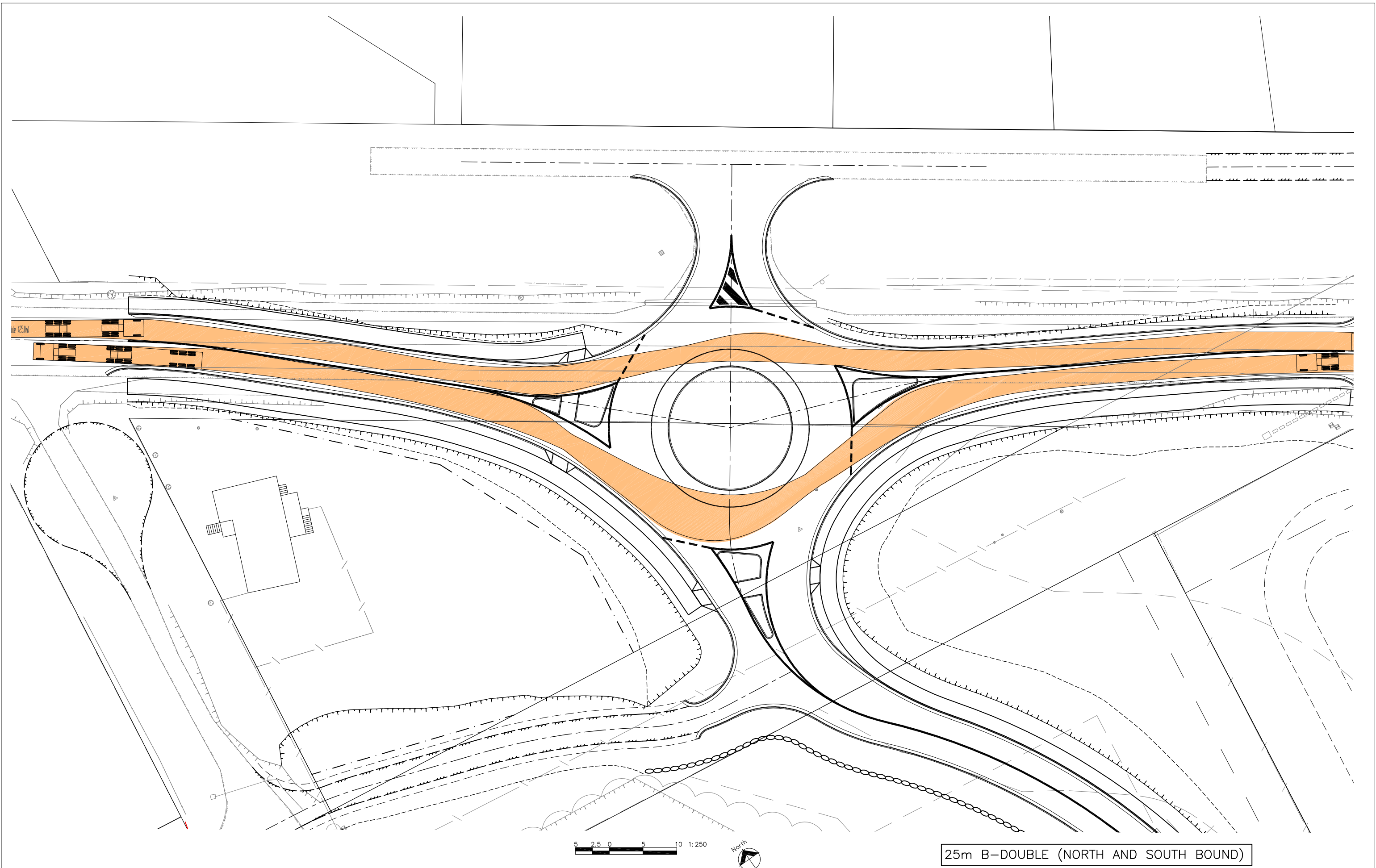
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SURVEYOR:	RYGATE & WEST
DATUM:	AHD
AZIMUTH:	MGA
DRAWN:	AB
DESIGNED:	AB
DESIGNED DATE:	JUL '19
CHECKED:	AB

**footprint**
sustainable engineering
a. 15 meehan drive
kiama downs nsw 2533
p. 02 4237 6770
f. 02 4237 8962

PROPOSED ROUNDABOUT

FOR PROPOSED SENIORS LIVING DEVELOPMENT
267 PRINCES HIGHWAY, MILTON
SIGNAGE AND LINEMARKING PLAN

DRAWING NO.	1806-C29
ISSUE.	2
SHEET	10 OF 14



25m B-DOUBLE (NORTH AND SOUTH BOUND)

2	AMENDED TO ADDRESS RMS COMMENTS	25/08/19
1	FOR DEVELOPMENT APPLICATION	01/08/19
ISSUE	DESCRIPTION	DATE

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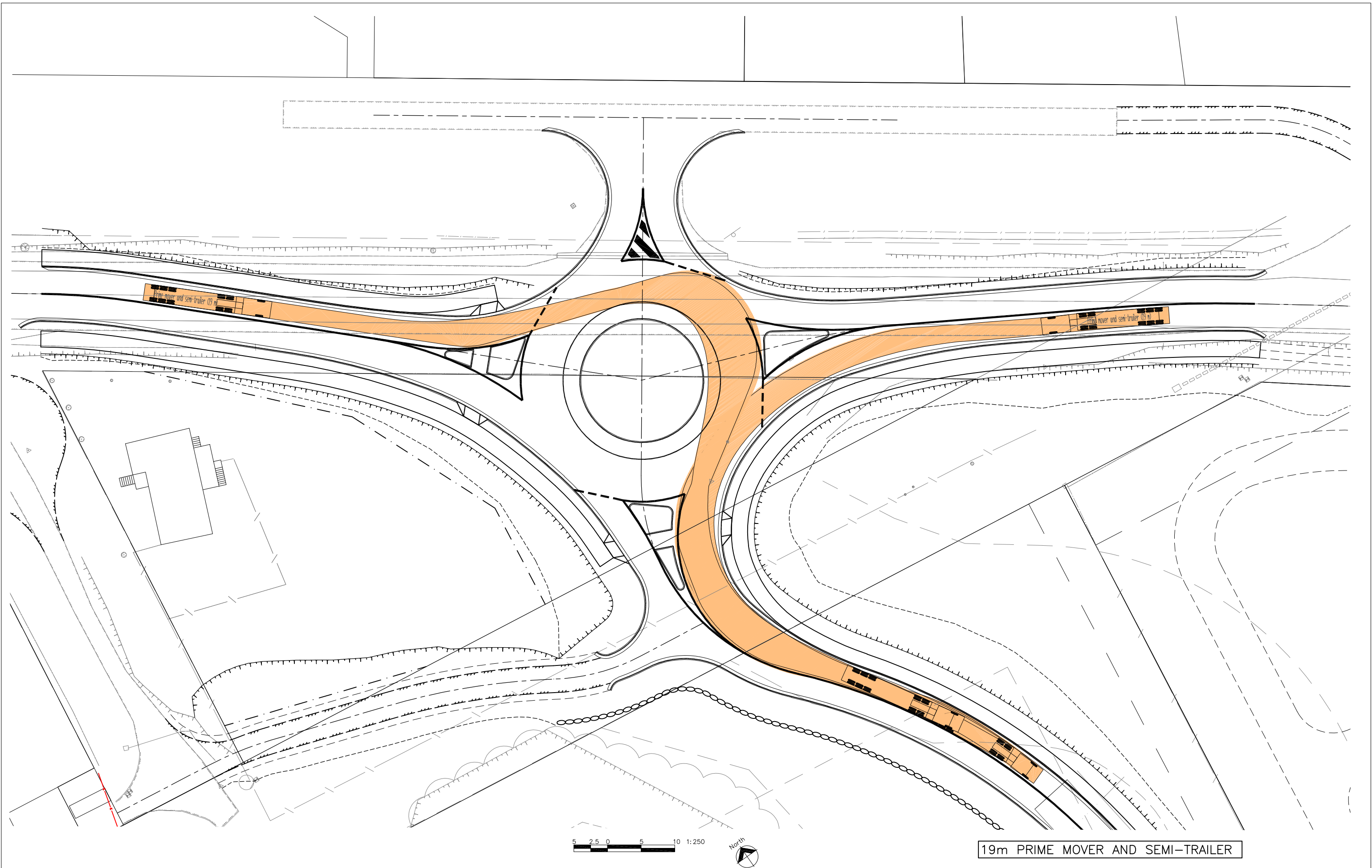
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		DESIGNED: AB
		DESIGNED DATE: JUL '19
		CHECKED: AB

**footprint**
sustainable engineering
a. 15 meehan drive
kiama downs nsw 2533
p. 02 4237 6770
f. 02 4237 8962

PROPOSED ROUNDABOUT

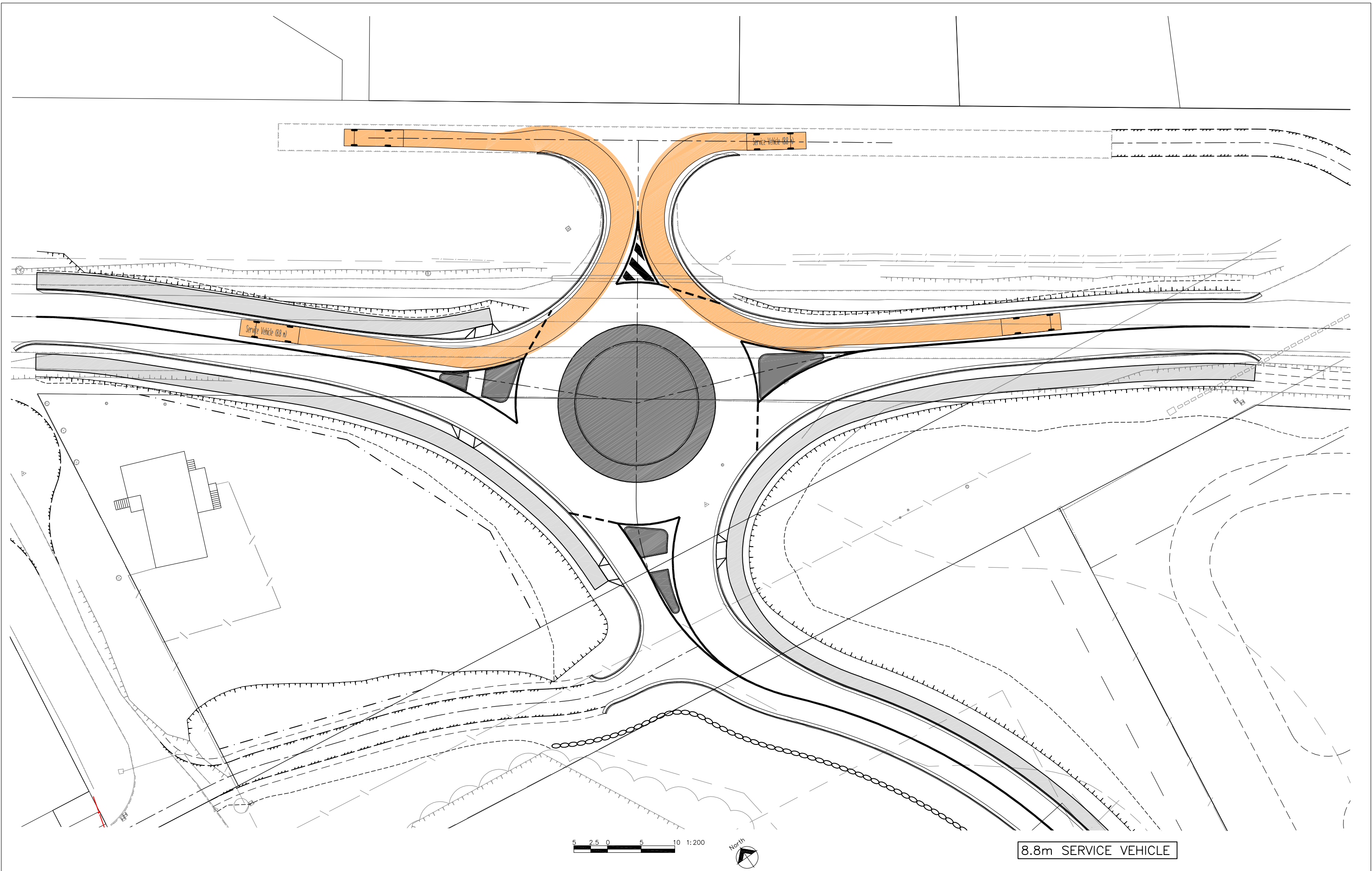
FOR PROPOSED SENIORS LIVING DEVELOPMENT
267 PRINCES HIGHWAY, MILTON
SWEEP PATH ANALYSIS - SHEET 1 OF 3

DRAWING NO. 1806-C30
ISSUE. 2
SHEET 11 OF 14

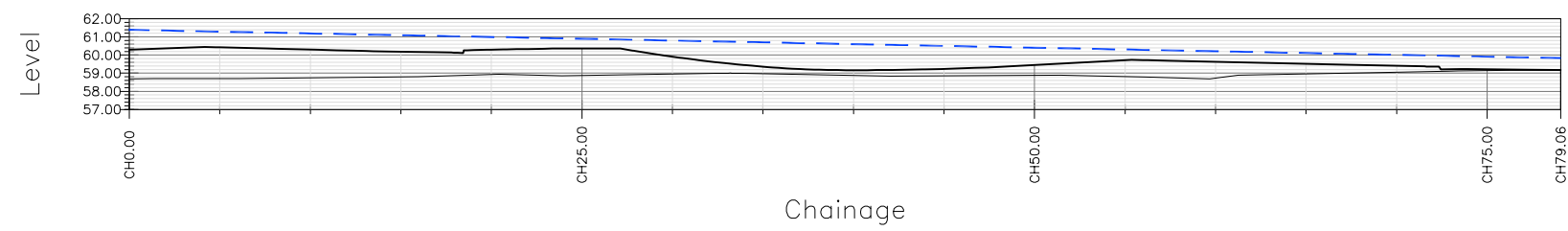


19m PRIME MOVER AND SEMI-TRAILER

			FOR DEVELOPMENT APPLICATION NOT FOR CONSTRUCTION	FOOTPRINT (NSW) PTY. LTD. AUTHORISE THE USE OF THIS DRAWING ONLY FOR THE PURPOSE DEMONSTRATED BY THE STATUS STAMP SHOWN ABOVE.	SCALES	ORIGINAL	SURVEYOR: RYGATE & WEST	 footprint sustainable engineering a. 15 meehan drive kiama downs nsw 2533 p. 02 4237 6770 f. 02 4237 8962	PROPOSED ROUNDABOUT FOR PROPOSED SENIORS LIVING DEVELOPMENT 267 PRINCES HIGHWAY, MILTON SWEPT PATH ANALYSIS - SHEET 2 OF 3	DRAWING NO. 1806-C31
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1	FOR DEVELOPMENT APPLICATION	01/08/19					DESIGNED DATE: JUL '19			
ISSUE	DESCRIPTION	DATE			CHECKED: AB				SHEET 12 OF 14	
					CLIENT: ANNSCA PROPERTY					



			FOR DEVELOPMENT APPLICATION NOT FOR CONSTRUCTION	FOOTPRINT (NSW) PTY. LTD. AUTHORISE THE USE OF THIS DRAWING ONLY FOR THE PURPOSE DEMONSTRATED BY THE STATUS STAMP SHOWN ABOVE.	SCALES 1:250	ORIGINAL A1	SURVEYOR: RYGATE & WEST DATUM: AHD AZIMUTH: MGA DRAWN: AB DESIGNED: AB DESIGNED DATE: JUL '19 CHECKED: AB	 footprint sustainable engineering a. 15 meehan drive kiama downs nsw 2533 p. 02 4237 6770 f. 02 4237 8962	PROPOSED ROUNDABOUT FOR PROPOSED SENIORS LIVING DEVELOPMENT 267 PRINCES HIGHWAY, MILTON SWEPT PATH ANALYSIS - SHEET 3 OF 3	DRAWING NO. 1806-C32
						CLIENT: ANNSCA PROPERTY				ISSUE. 2
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1	FOR DEVELOPMENT APPLICATION	01/08/19								
ISSUE	DESCRIPTION	DATE								



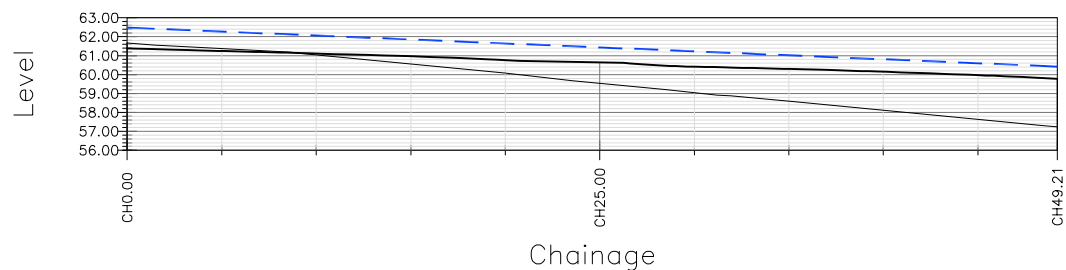
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EXISTING SURFACE

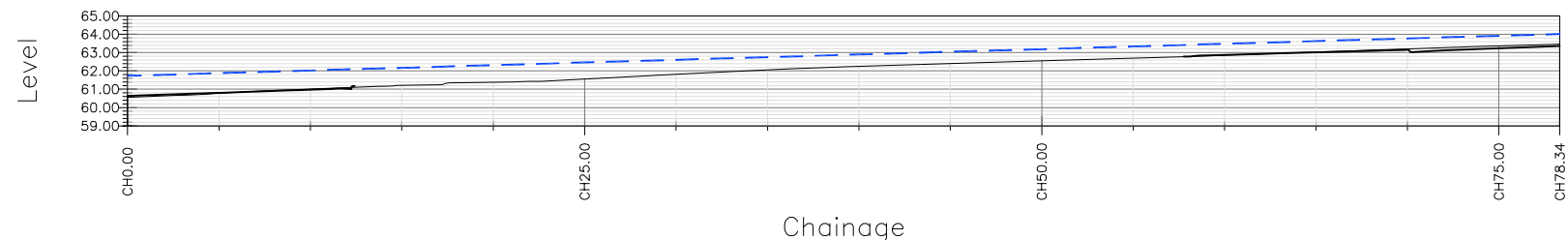
DESIGN SURFACE

SIGHT DISTANCE LINE

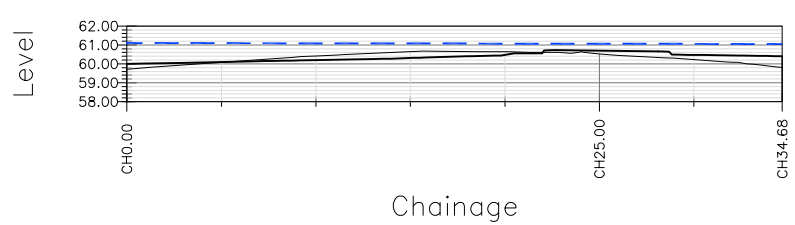
SIGHT LINE 1 PROFILE
SCALES H 1:200
V 1:200



SIGHT LINE 2 PROFILE
SCALES H 1:200
V 1:200



SIGHT LINE 3 PROFILE
SCALES H 1:200
V 1:200



SIGHT LINE 4 PROFILE
SCALES H 1:200
V 1:200

			FOR DEVELOPMENT APPLICATION NOT FOR CONSTRUCTION	FOOTPRINT (NSW) PTY. LTD. AUTHORISE THE USE OF THIS DRAWING ONLY FOR THE PURPOSE DEMONSTRATED BY THE STATUS STAMP SHOWN ABOVE.	SCALES	ORIGINAL	SURVEYOR: RYGATE & WEST	footprint sustainable engineering a. 15 meehan drive kiama downs nsw 2533 p. 02 4237 6770 f. 02 4237 8962	PROPOSED ROUNDABOUT FOR PROPOSED SENIORS LIVING DEVELOPMENT 267 PRINCES HIGHWAY, MILTON CRITERION 2 SIGHT DISTANCE PROFILES	DRAWING NO. 1806-C33
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					CLIENT: ANNSCA PROPERTY		AZIMUTH: MGA			2
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							DESIGNED: AB			
2	ADDITIONAL SHEET ADDED TO ADDRESS RMS COMMENTS	25/08/19					DESIGNED DATE: JUL '19			SHEET 14 OF 14
ISSUE	DESCRIPTION	DATE					CHECKED: AB			