



LEGACYPROPERTY

CADDENS HILL STAGE 7

PROPOSED SUBDIVISION & BULK EARTHWORKS



LOCALITY SKETCH

Prepared By:

J. WYNDHAM PRINCE

**CONSULTING CIVIL INFRASTRUCTURE ENGINEERS
& PROJECT MANAGERS**

PO Box 4366 PENRITH WESTFIELD NSW 2750

P 02 4720 3300 F 02 4720 3399

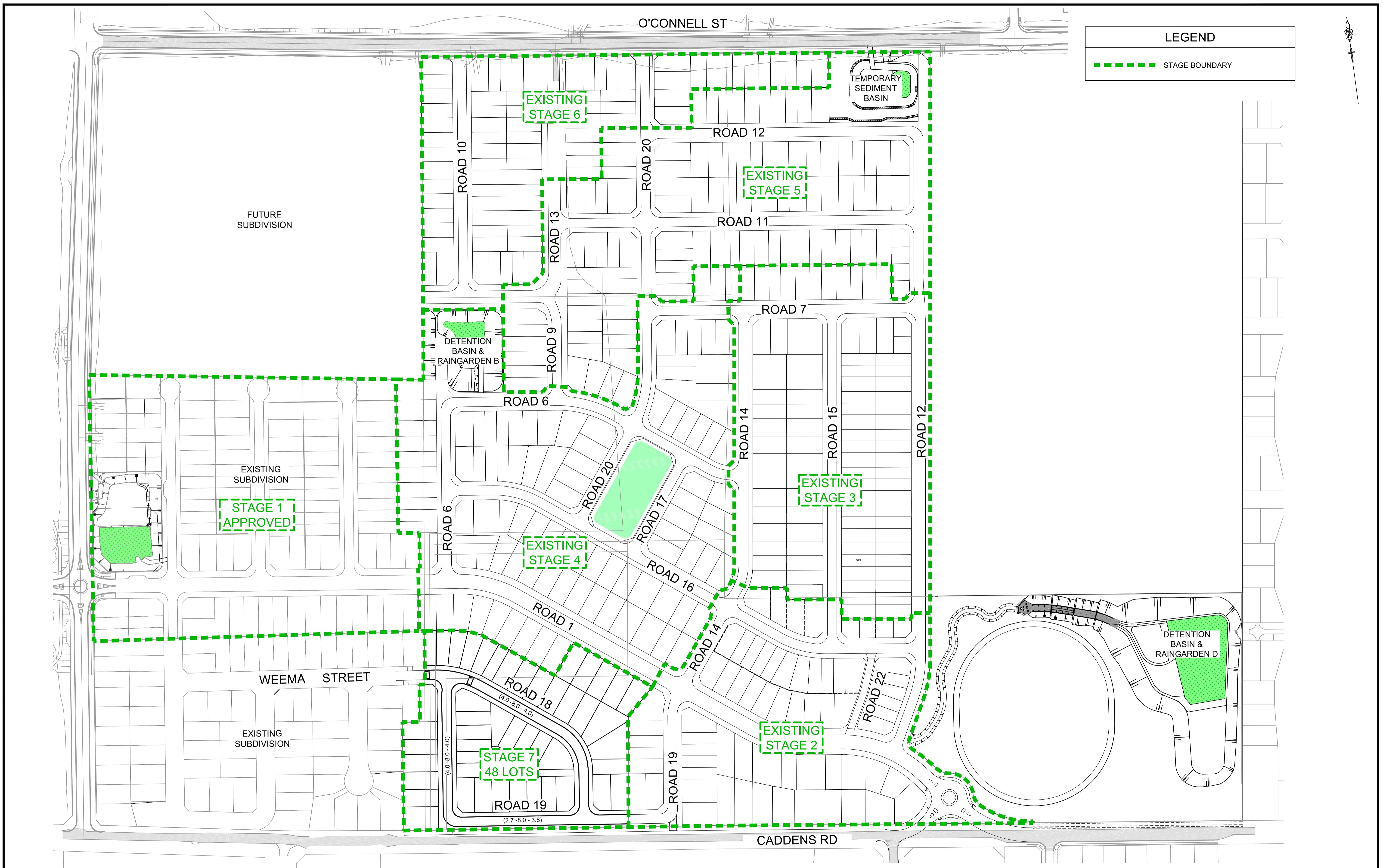
W www.jwprince.com.au

E jwp@jwprince.com.au

CIVIL PLAN INDEX		
PLAN NO.	PLAN NAME	REV
110358/DA700	COVER SHEET & INDEX	A
110358/DA701	SITE LAYOUT PLAN	A
110358/DA702	ENGINEERING PLAN	A
110358/DA703	BULK EARTHWORKS PLAN	A
110358/DA704	SITE SECTIONS	A
110358/DA705	ROAD LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 1	A
110358/DA706	ROAD LONGITUDINAL & TYPICAL CROSS SECTIONS SHEET 2	A
110358/DA707	STORMWATER PLAN	A
110358/DA708	SOIL & WATER MANAGEMENT PLAN	A
110358/DA709	TREE MANAGEMENT & DEMOLITION PLAN	A
110358/DA710	ROAD GEOMETRY CHECK & TRAFFIC CALMING MEASURES	A

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

PLAN No.
110358/DA700 A
FILE No. 110358DA700



LEGEND	
	STAGE BOUNDARY



CLIENT:



LEGACYPROPERTY

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

**CADDENS HILL
STAGE 7
SITE LAYOUT PLAN**

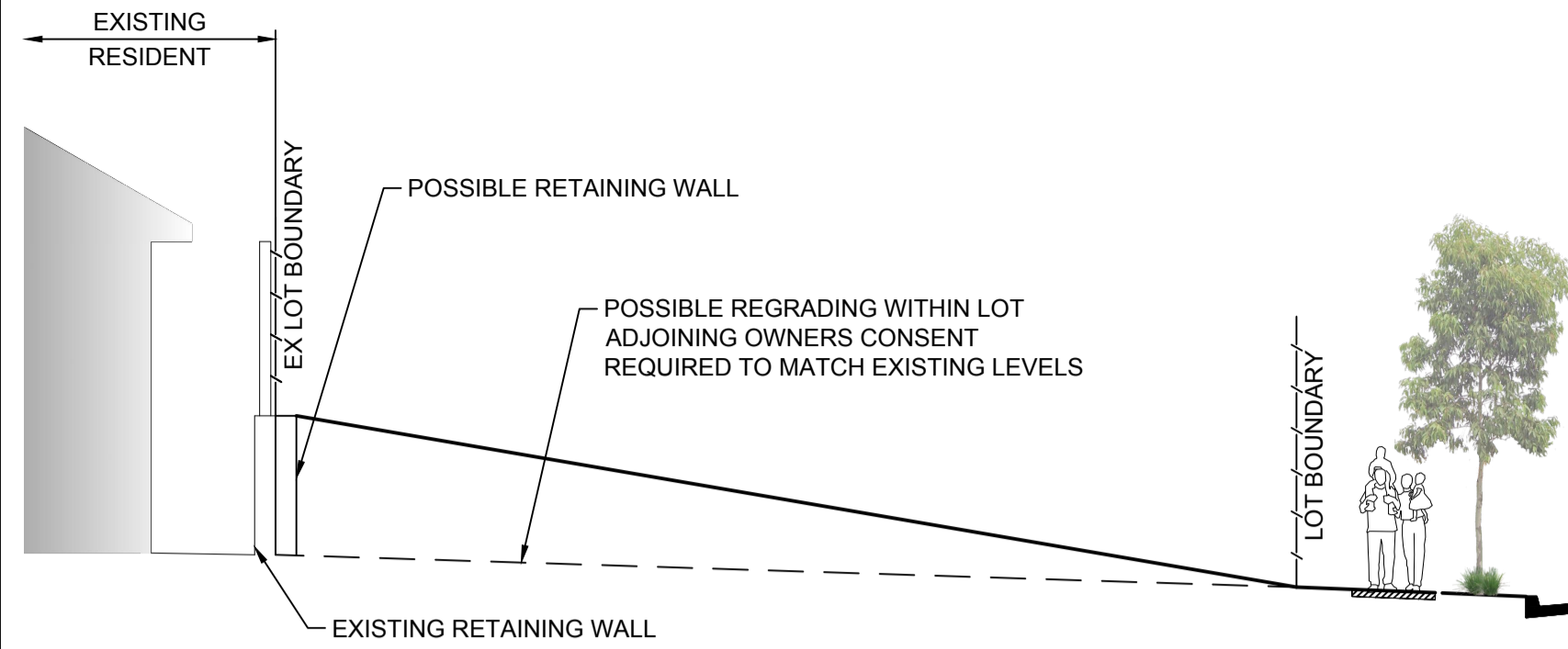
PLAN No: 110358/DA701	A
FILE No: 110358DA701	
SHEET SIZE: A1 ORIGINAL	

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

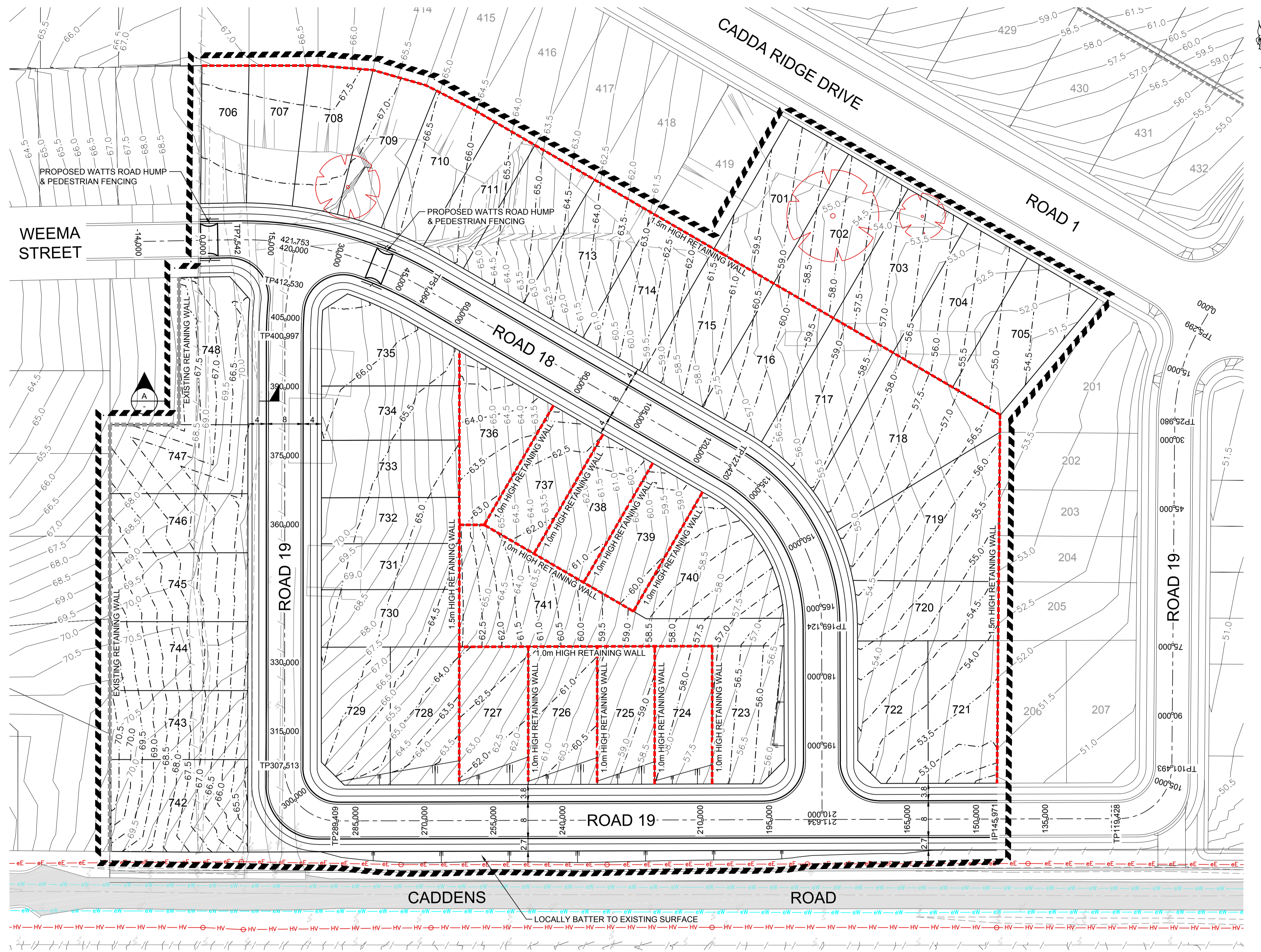
PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

ISSUED FOR APPROVAL	JT	NA	AM	MS	13/09/17
AMENDMENT	DES	DRN	CKD	APR	DATE
A					

Plotted: 13 September, 2017 12:05:08 PM File Name: J:\110358 - O'Connell Lane Caddens\08 - Stage 7\CDD\DA\110358DA701.dwg



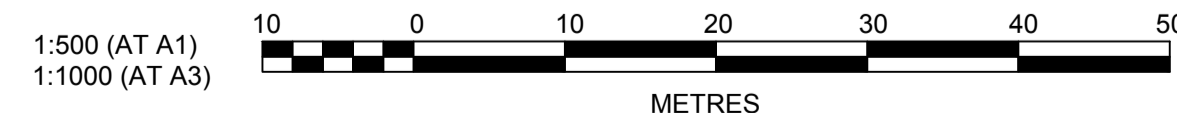
SECTION A-A
SCALE: 1:100



PLAN
SCALE 1:500

LEGEND	
	TREES TO BE REMOVED
	EXISTING RETAINING WALL
	RETAINING WALL 1.5m HIGH

NOTE:
ALL BATTERS SHOWN ARE 1:4
UNLESS NOTED OTHERWISE



J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:



LEGACYPROPERTY

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

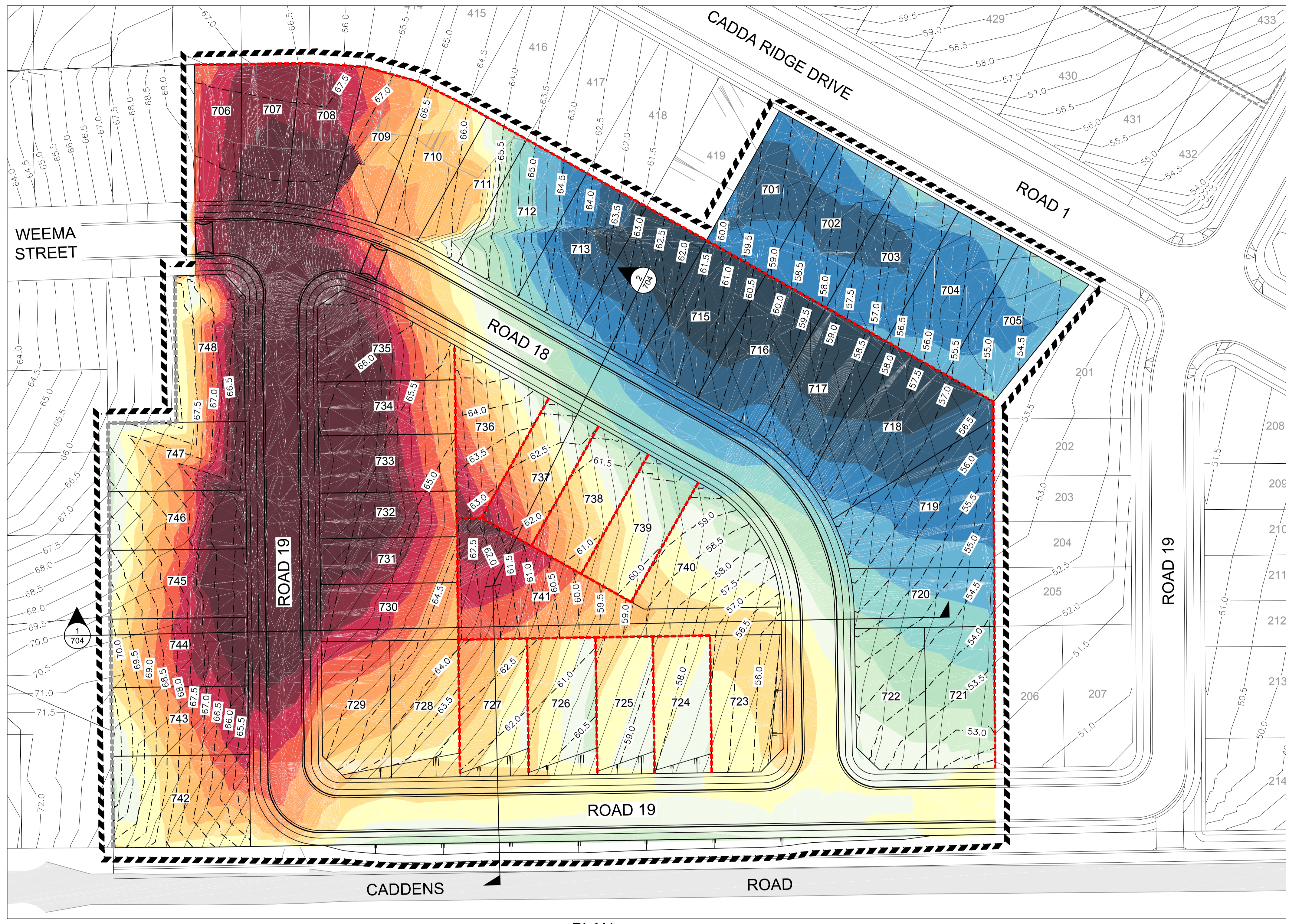
ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

CADDENS HILL
STAGE 7
ENGINEERING PLAN

PLAN No:	110358/DA702	A
FILE No:	110358DA702	
SHEET SIZE:	A1 ORIGINAL	

NO.	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE
A	ISSUED FOR APPROVAL	JT	NA	13/09/17
	AMENDMENT	DES	DRN	APR

Plotted: 13 September, 2017 10:04:15 AM File Name: J:\110358 - OConnell Lane Caddens\08 - Stage 7\CADDEN DA\110358DA702.dwg



VOLUMES
(EXISTING TO DESIGN)

CUT	FILL	NET (F)
33,807	25,115	8,692

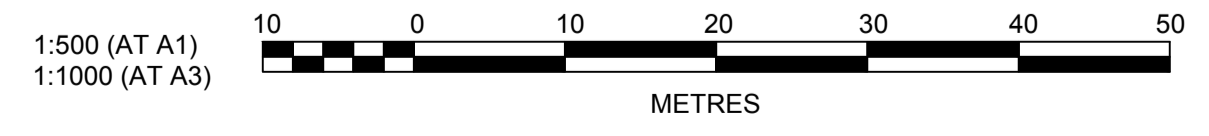
VOLUME NOTES:

- VOLUME IS FROM EXISTING TO PROPOSED FINISHED DESIGN LEVELS.
- EXCLUDES TOPSOIL ADJUSTMENTS, ROAD BOXING AND SERVICES TRENCHING.
- EXCLUDES ANY BULKING/COMPACTION.

CUTFILL LEGEND

Lower_value	Upper_value	Colour
	<-5.5 m	Dark Purple
-5.5	to -3.5 m	Dark Red
-3.5	to -3 m	Red
-3	to -2.5 m	Orange-Red
-2.5	to -2 m	Orange
-2	to -1.5 m	Light Orange
-1.5	to -1 m	Yellow-Orange
-1	to -0.5 m	Yellow
-0.5	to 0 m	Light Yellow
0	to 0.5 m	Light Green
0.5	to 1 m	Green
1	to 1.5 m	Light Blue-Green
1.5	to 2 m	Light Blue
2	to 2.5 m	Blue
2.5	to 3 m	Dark Blue
3	to 3.5 m	Very Dark Blue
3.5	to 5.5 m	Black
>5.5	m	Dark Green

PLAN
SCALE 1:500



J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

LEGACY PROPERTY

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

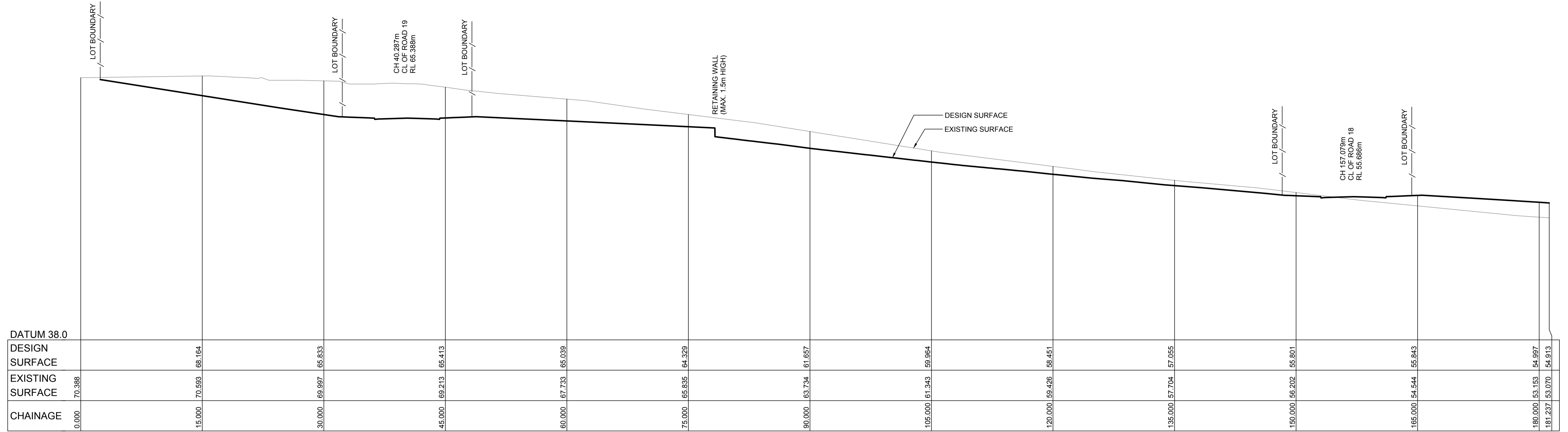
ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

CADDENS HILL
STAGE 7
BULK EARTHWORKS PLAN

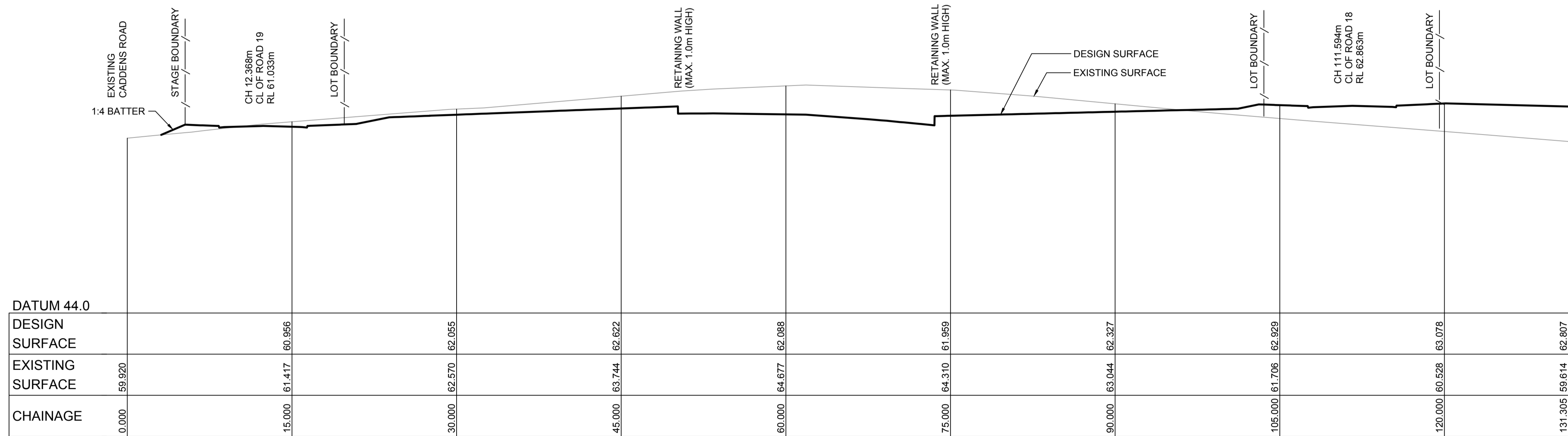
PLAN No:	110358/DA703	A
FILE No:	110358DA703	
SHEET SIZE:	A1 ORIGINAL	

Plotted: 13 September, 2017 10:04:44 AM File Name: J:\110358 - OConnell Lane Caddens\08 - Stage 7\CDDA\110358DA703.dwg

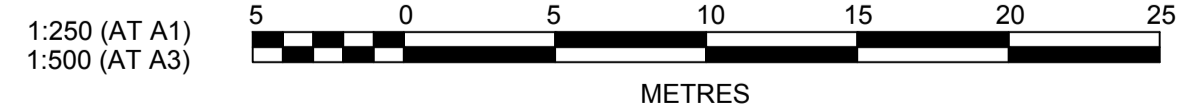
Plotted: 13 September, 2017 12:05:18 PM File Name: J:\110358 - OConnell Lane Caddens 08 - Stage 7\CD\DA\110358DA704.dwg



SECTION 1
SCALE 1:250



SECTION 2
SCALE 1:250



A	ISSUED FOR APPROVAL	JT	NA	AM	MS	13/09/17
	AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
 P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

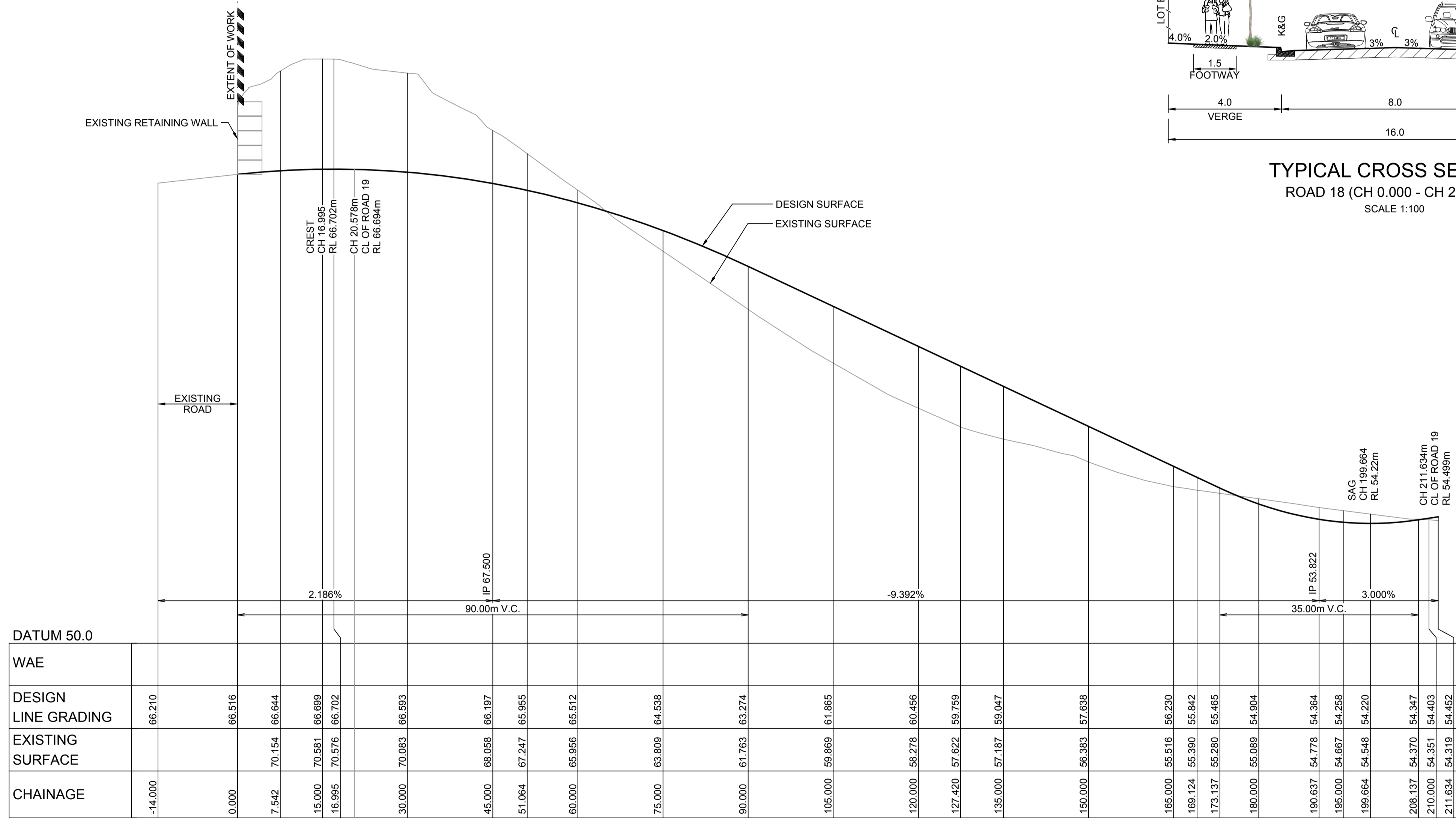
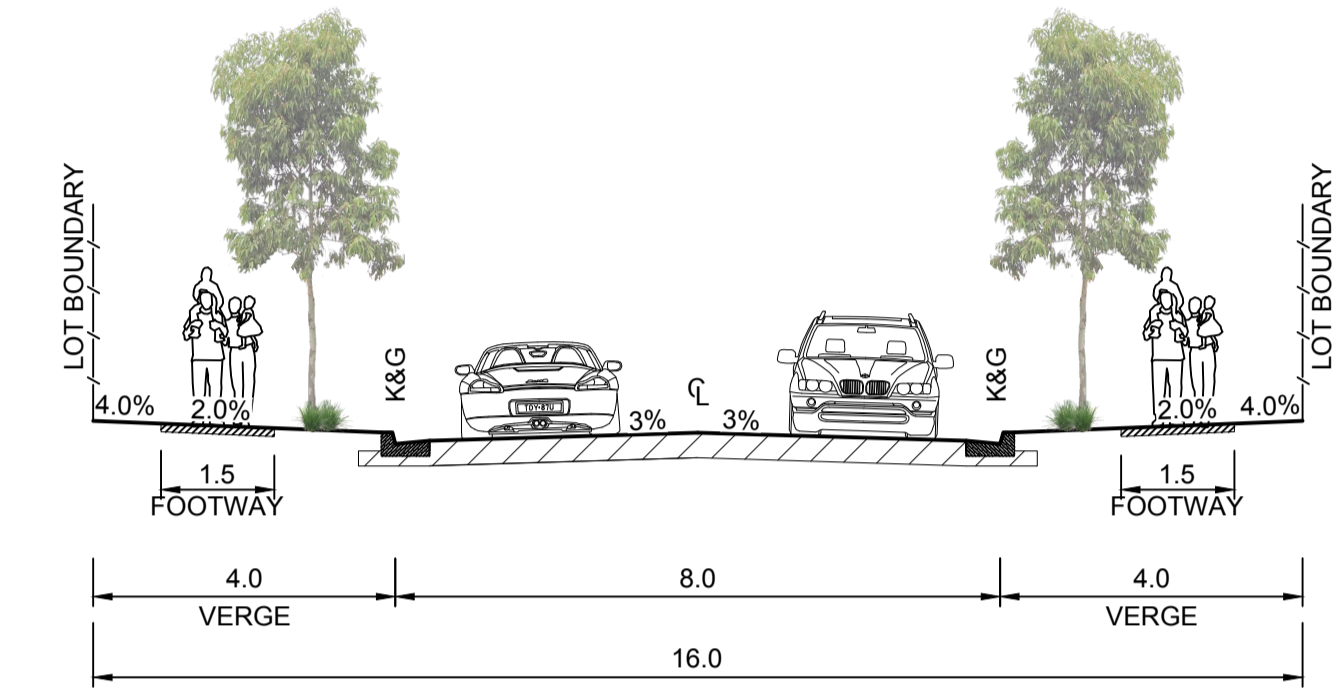
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

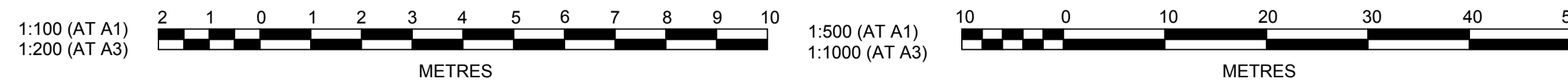
CADDENS HILL
STAGE 7
SITE SECTIONS

PLAN No:	110358/DA704	A
FILE No:	110358DA704	
SHEET SIZE:	A1 ORIGINAL	

NOTE:
ALL VERGE TO HAVE 4% FALL WITH CONCRETE FOOTPATH & SHARED PATH AT 2%



LONGITUDINAL SECTION ROAD 18
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



Plotted: 13 September, 2017 10:05:10 AM File Name: J:\110358 - OConnell Lane Caddens\08 - Stage 7\CDD\DA\110358DA705.dwg

NO.	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE
A	ISSUED FOR APPROVAL	JT	NA	13/09/17
	AMENDMENT	DES	CKD	APR

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

LEGACYPROPERTY

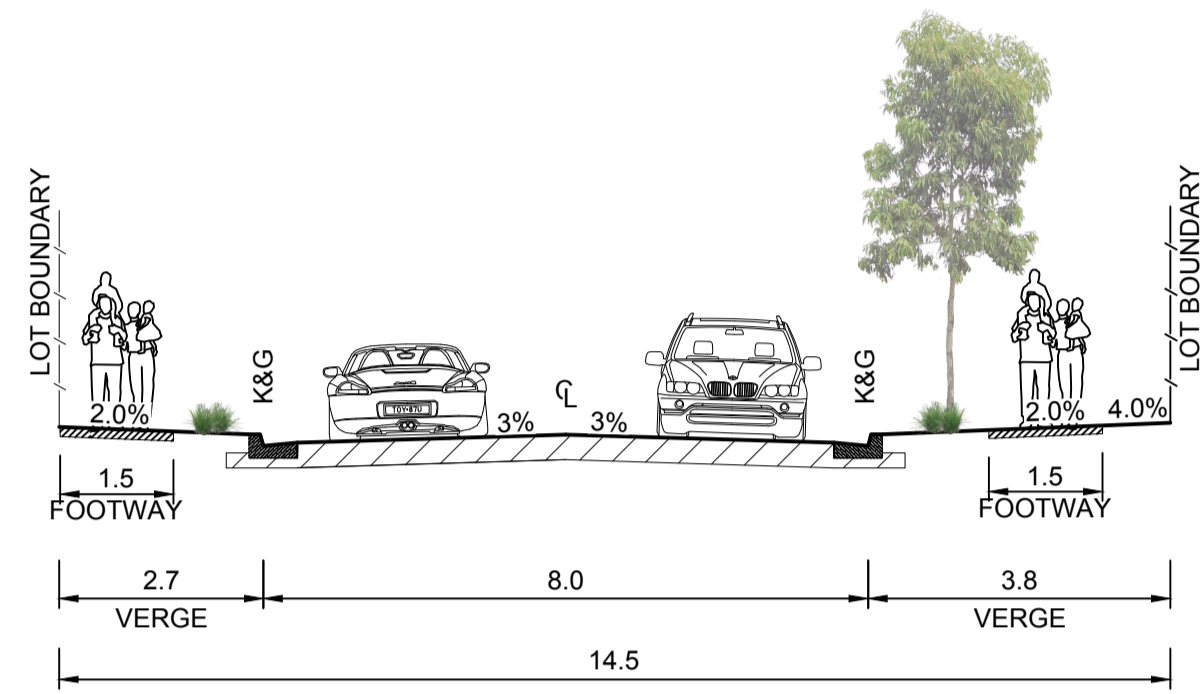
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

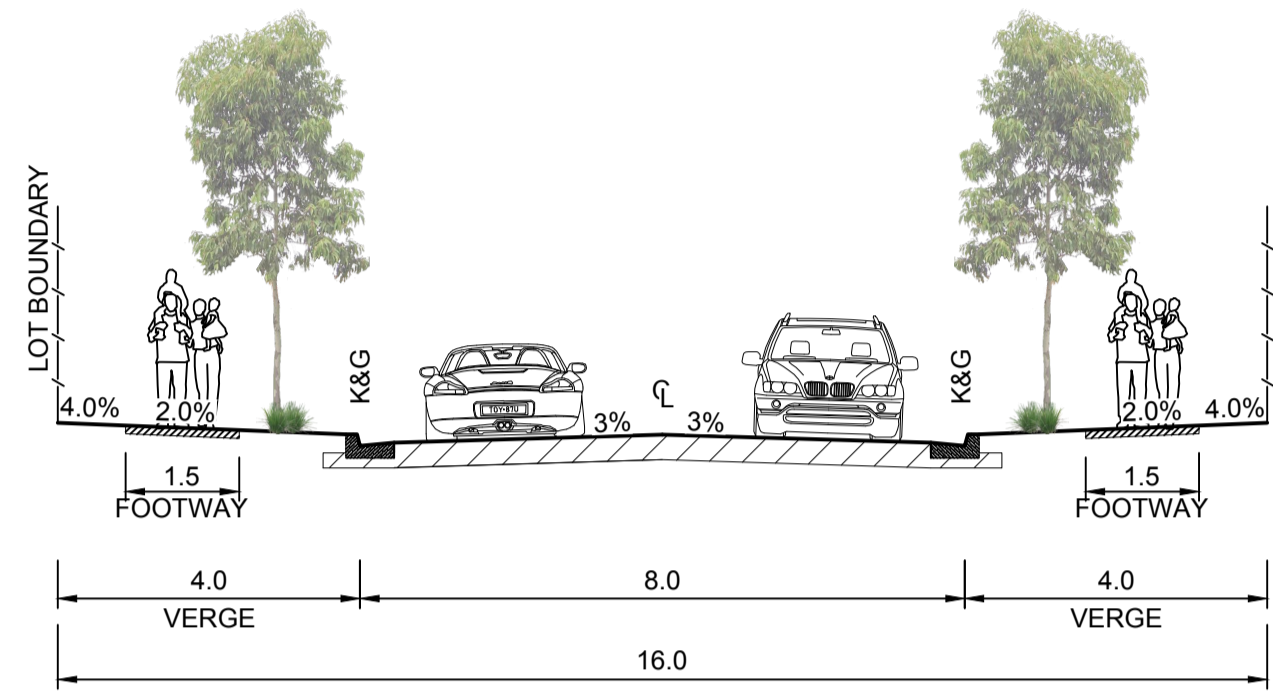
CADDENS HILL
STAGE 7
ROAD LONGITUDINAL & TYPICAL CROSS SECTIONS
SHEET 1

PLAN No:	110358/DA705	A
FILE No:	110358DA705	
SHEET SIZE:	A1 ORIGINAL	

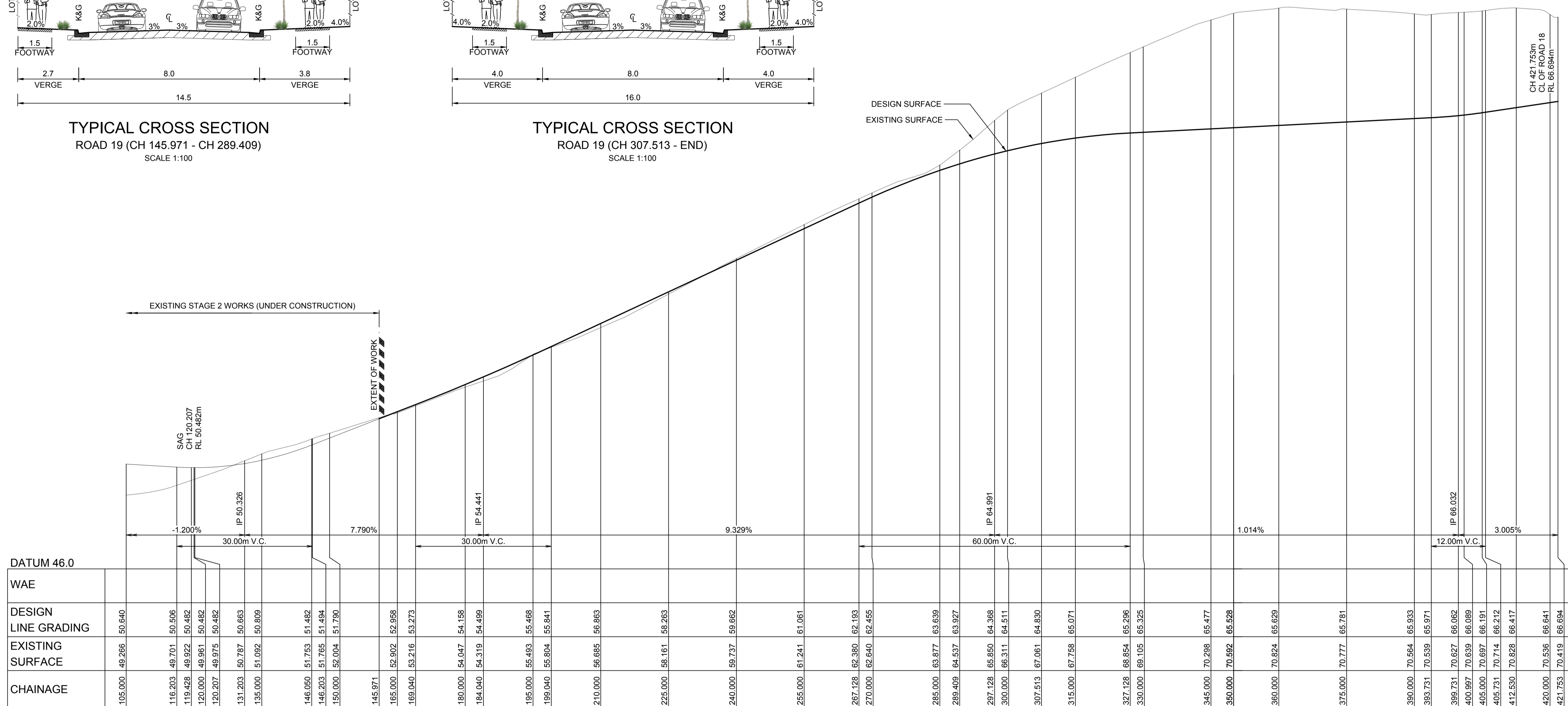
NOTE:
ALL VERGE TO HAVE 4% FALL WITH CONCRETE FOOTPATH & SHARED PATH AT 2%



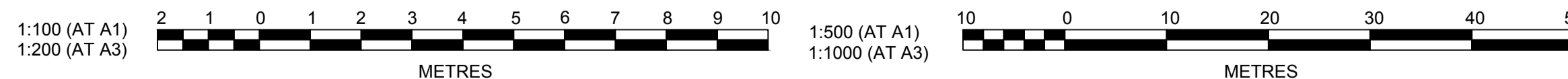
TYPICAL CROSS SECTION
ROAD 19 (CH 145.971 - CH 289.409)
SCALE 1:100



TYPICAL CROSS SECTION
ROAD 19 (CH 307.513 - END)
SCALE 1:100



LONGITUDINAL SECTION ROAD 19
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



CLIENT:
LEGACYPROPERTY

AZIMUTH:
DATUM:
ORIGIN:

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

CADDENS HILL
STAGE 7
ROAD LONGITUDINAL & TYPICAL CROSS SECTIONS
SHEET 2

PLAN No:
110358/DA706 **A**

FILE No: 110358DA706

SHEET SIZE: A1 ORIGINAL

Plotted: 13 September, 2017 10:05:22 AM File Name: \\110358 - OConnell Lane Caddens\08 - Stage 7\CADDEN\110358DA706.dwg

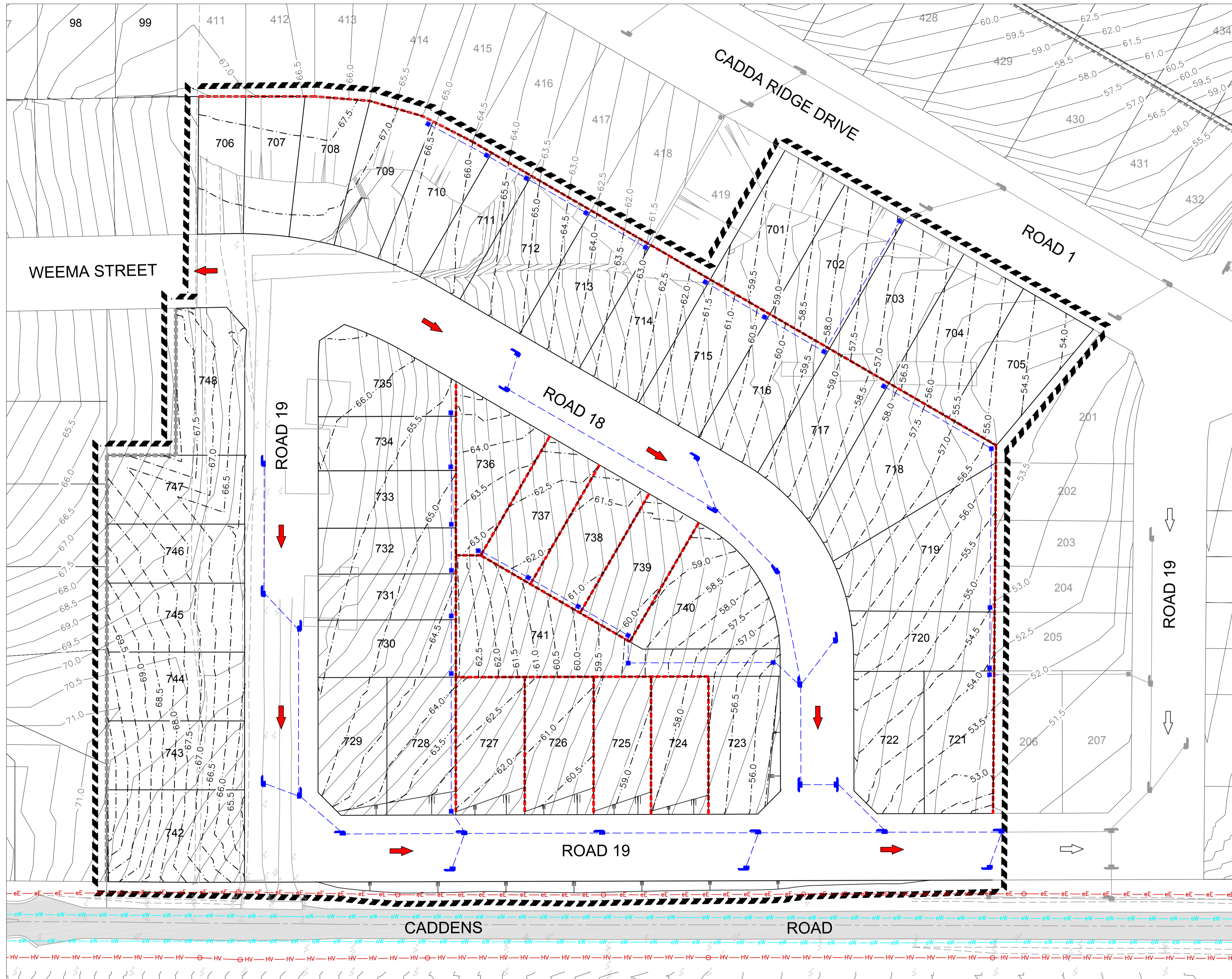
AMENDMENT	DES	DRN	CKD	APR	DATE
A	JT	NA	AM	MS	13/09/17

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

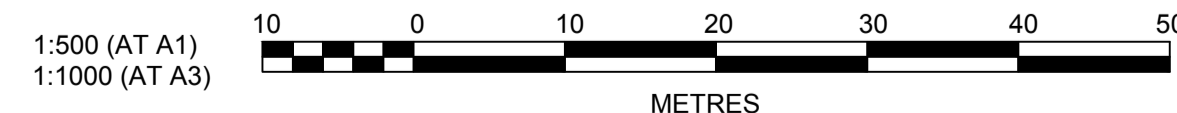
PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

LEGEND

- PROPOSED STORMWATER PIPE (5YR ARI PIPE)
- FLOW DIRECTION



PLAN
SCALE 1:500



Plotted: 13 September, 2017 10:05:46 AM File Name: J:\110358 - O'Connell Lane Caddens\08 - Stage 7\CDDA\110358DA707.dwg

A	ISSUED FOR APPROVAL	JT	NA	AM	MS	13/09/17
	AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
 P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:



LEGACYPROPERTY

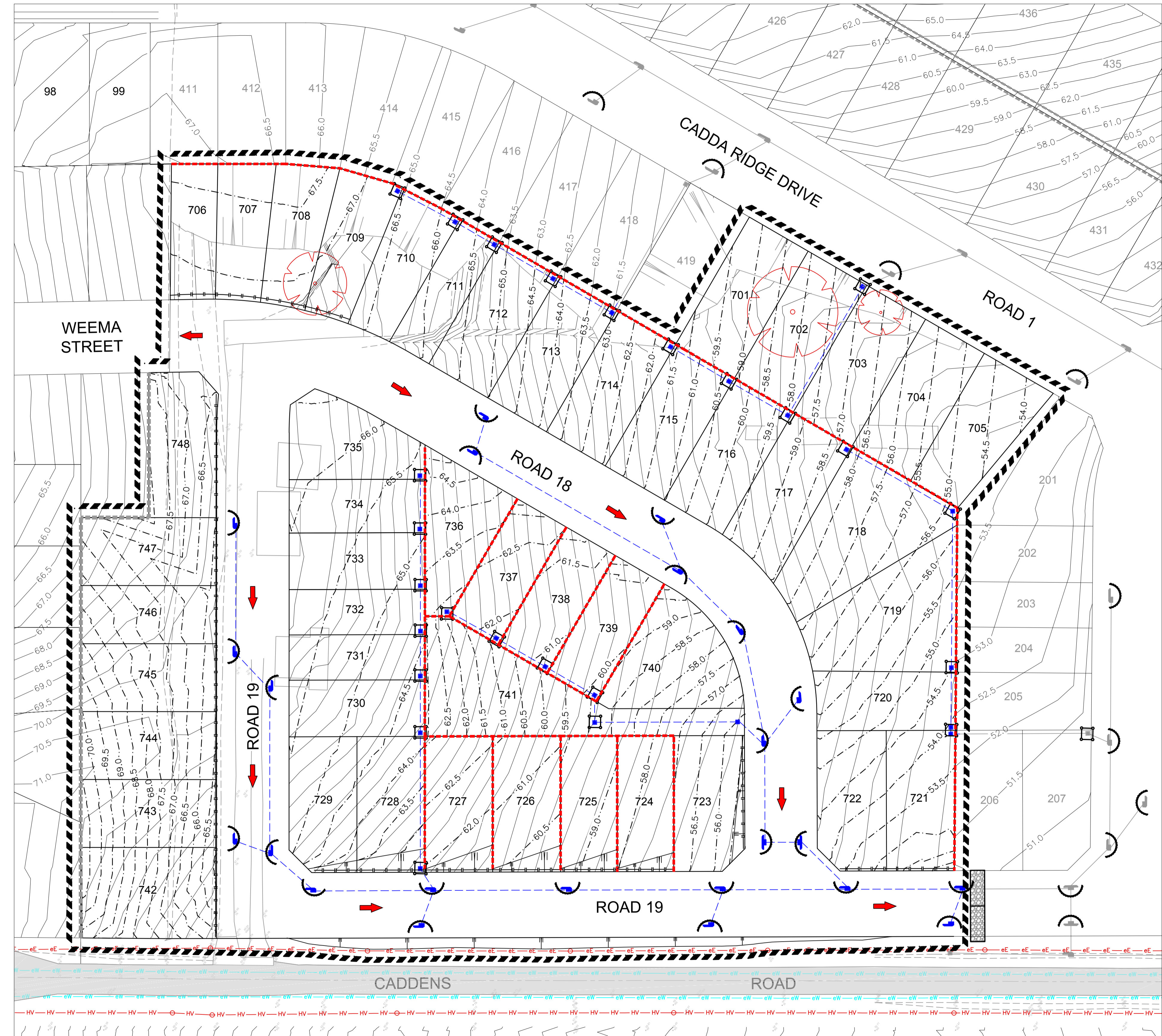
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

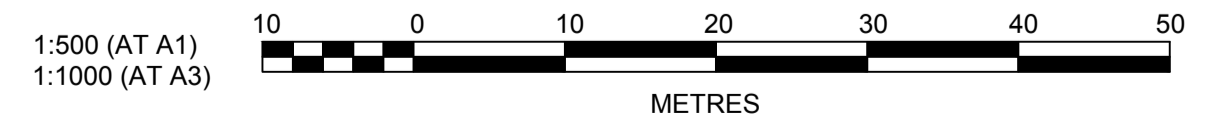
CADDENS HILL
STAGE 7
STORMWATER PLAN

PLAN No: 110358/DA707 **A**
 FILE No: 110358DA707
 SHEET SIZE: A1 ORIGINAL

LEGEND	
STABILISED SITE ACCESS	
SEDIMENT FENCE	
MESH AND GRAVEL INLET FILTER	
GEOTEXTILE INLET FILTER	



Plotted: 13 September, 2017 10:06:12 AM File Name: J:\110358 - OConnell Lane Caddens\08 - Stage 7\CDDA\110358DA708.dwg



CLIENT:



LEGACYPROPERTY

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

CADDENS HILL
STAGE 7
SOIL & WATER MANAGEMENT PLAN

PLAN No:	110358/DA708	A
FILE No:	110358DA708	
SHEET SIZE:	A1 ORIGINAL	

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

NO.	DESCRIPTION	BY	DATE
A	ISSUED FOR APPROVAL	JT	13/09/17
	AMENDMENT	DES	APR
		NA	DRN
		AM	CKD
		MS	APR



UTILITIES SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THEM AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDE LINES & STANDARDS.

NOTE: UTILITIES SHOWN MAY NOT INCLUDE ALL SERVICES WITHIN THE LIMIT OF WORKS

LEGEND

- AREA OF WORKS
- EXISTING STRUCTURE INCLUDING CONCRETE SLAB TO BE DEMOLISHED & REMOVED OFF-SITE
- EXISTING BITUMEN DRIVEWAY TO BE REMOVED OFF-SITE
- EXISTING FENCE TO BE REMOVED OFF-SITE
- TREES TO BE REMOVED
- TREES TO BE RETAINED



Plotted: 13 September, 2017 10:06:32 AM File Name: J:\110358 - OConnell Lane Caddens\08 - Stage 7\CDD\DA\110358DA709.dwg

1:1000 (AT A1)
1:2000 (AT A3)

METRES

NO.	DESCRIPTION	BY	DATE
A	ISSUED FOR APPROVAL	JT	13/09/17
	AMENDMENT	DES	DATE
		NA	APR
		AM	MS
		CKD	APR
		DRN	APR

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

AZIMUTH:
DATUM:
ORIGIN:

CLIENT:

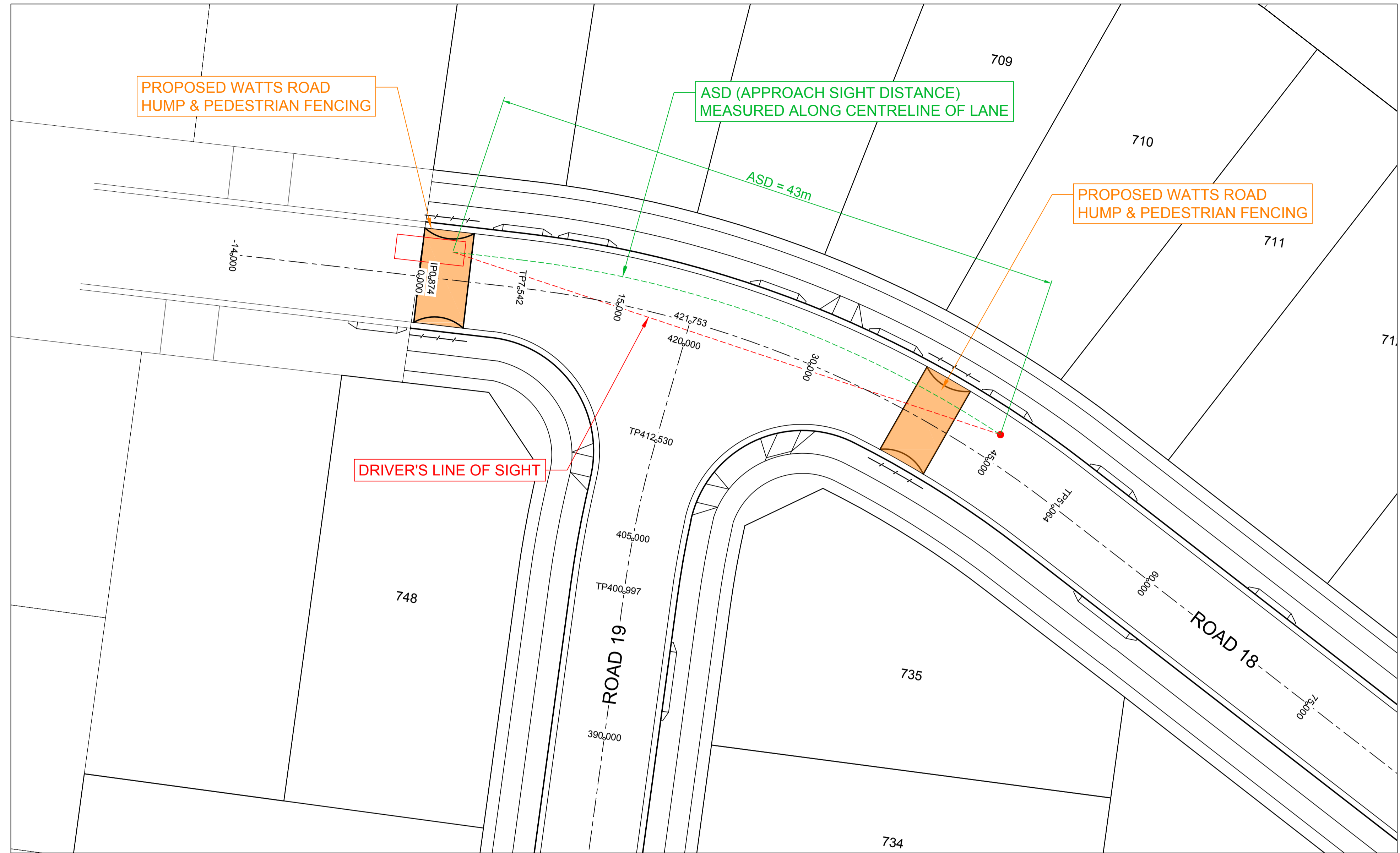
LEGACYPROPERTY

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

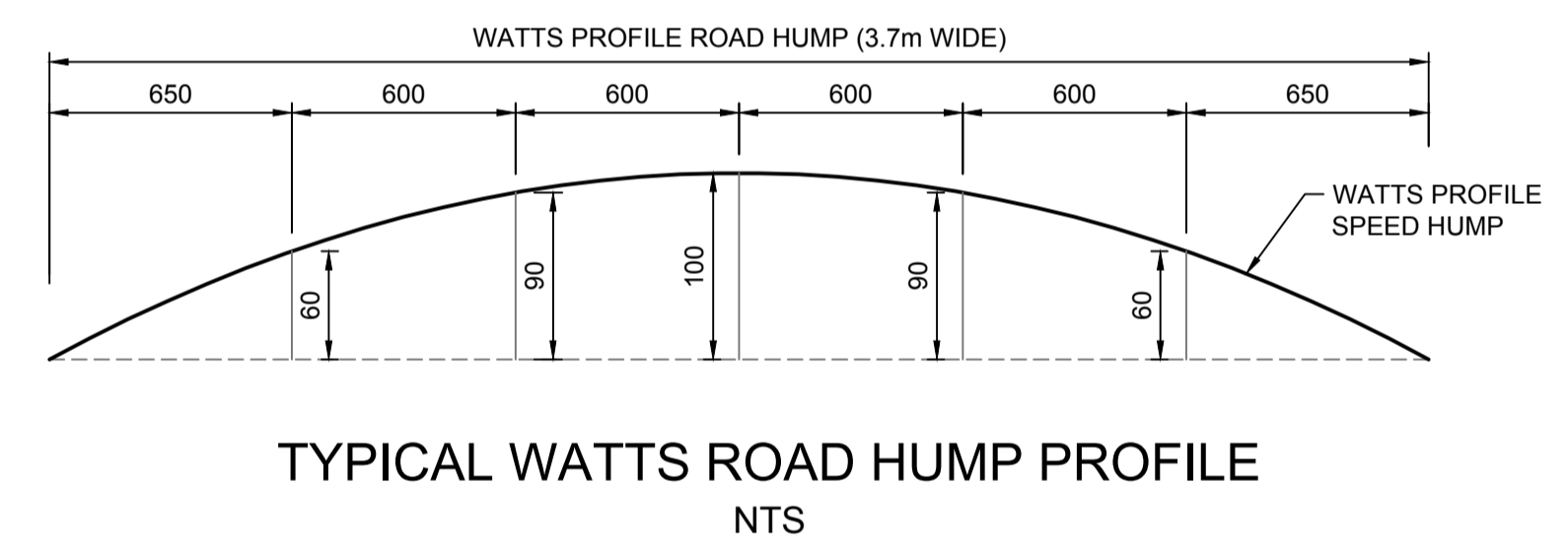
ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION

CADDENS HILL
STAGE 7
TREE MANAGEMENT & DEMOLITION PLAN

PLAN No: 110358/DA709 **A**
FILE No: 110358DA709
SHEET SIZE: A1 ORIGINAL

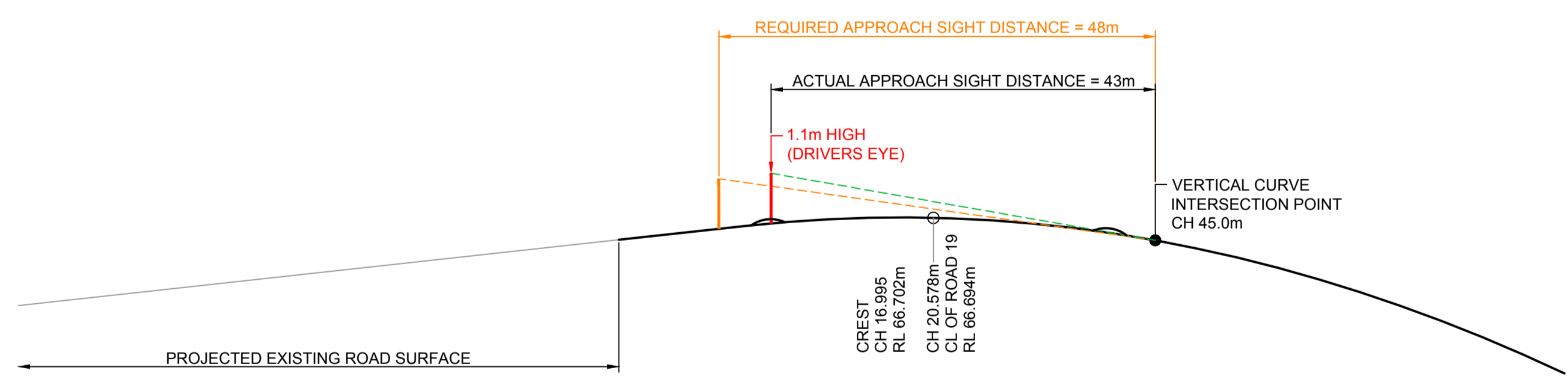


PLAN
SCALE 1:200



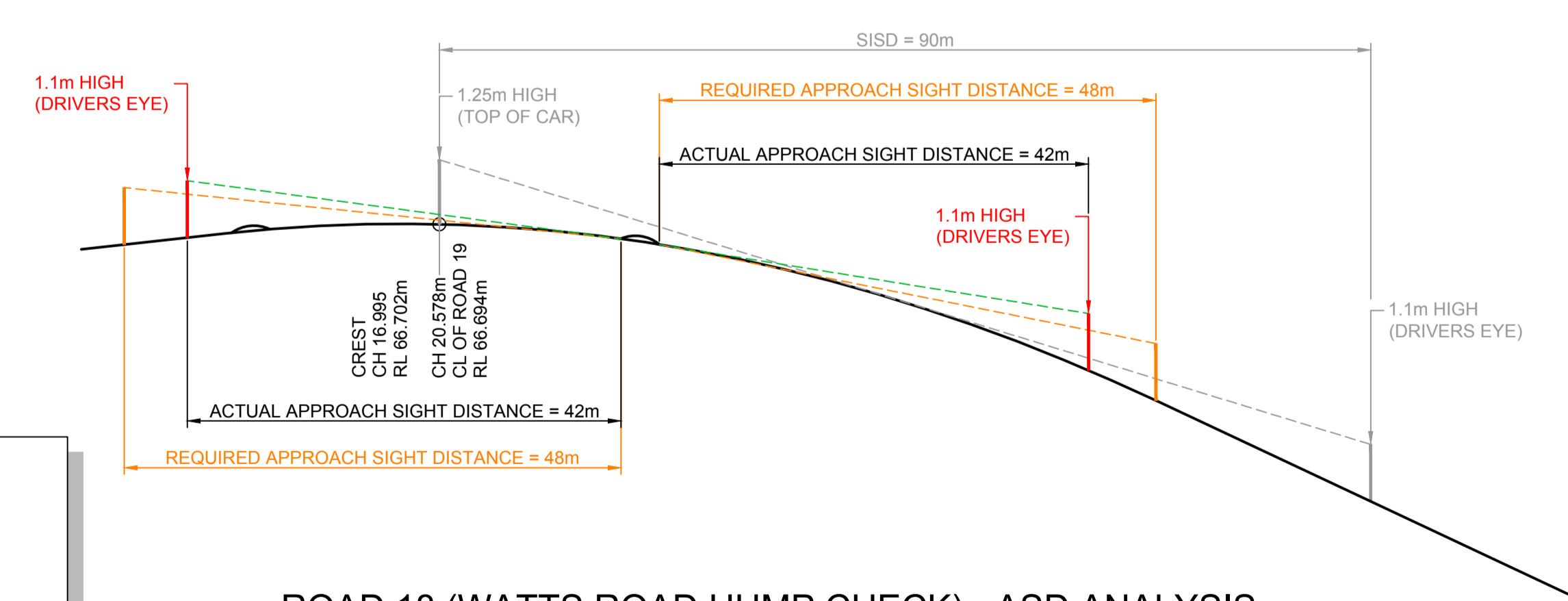
TYPICAL WATTS ROAD HUMP PROFILE
NTS

ASD MEASURED TO VERTICAL CURVE INTERSECTION POINT



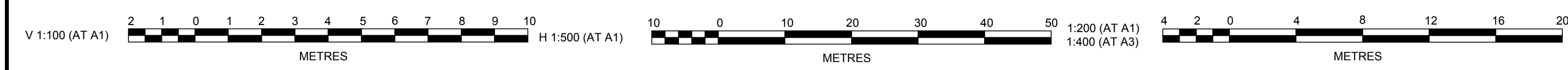
ROAD 18 (DRIVEWAY CHECK) - ASD ANALYSIS
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

ASD MEASURED TO EDGE OF ROAD HUMP



ROAD 18 (WATTS ROAD HUMP CHECK) - ASD ANALYSIS
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

ASD CHECK
DESIGN SPEED = 50km/h
S/SD LENGTH = 48m
RT = 1.5sec



ISSUED FOR APPROVAL	JT	NA	AM	MS	13/09/17
AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS
PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E jwp@jwprince.com.au

CLIENT:
LEGACYPROPERTY
AZIMUTH:
DATUM:
ORIGIN:
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE.

**ISSUED FOR DA APPROVAL
NOT FOR CONSTRUCTION**

CADDENS HILL
STAGE 7
ROAD GEOMETRY CHECK & TRAFFIC CALMING MEASURES

PLAN No: 110358/DA710 **A**
FILE No: 110358DA710
SHEET SIZE: A1 ORIGINAL

Plotted: 13 September, 2017 10:06:47 AM File Name: J:\110358 - OConnell Lane Caddens\08 - Stage 7\CADDENS\110358DA710.dwg