

NOTES:
1 ALL RELEVANT WORKS FOR EACH STAGE ARE TO BE UNDERTAKEN WITH THAT STAGE ONLY.



BERRINGER ROAD

BERRINGER ROAD

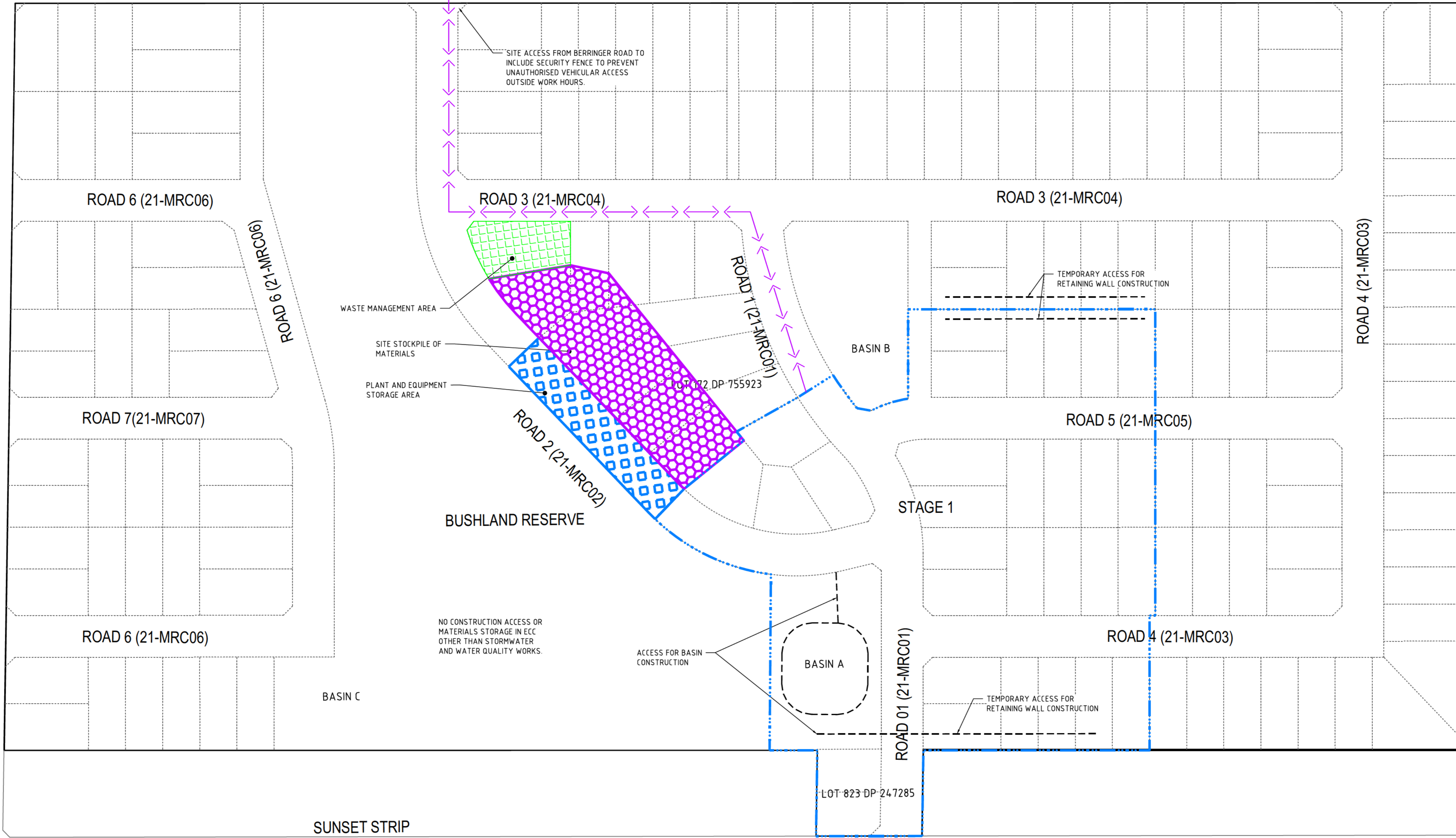
FROM AND TO
PACIFIC HIGHWAY

CUNJURONG POINT ROAD

THE COMPANIONWAY

SUNSET STRIP

BARBETTE



SITE ACCESS FROM BERRINGER ROAD TO INCLUDE SECURITY FENCE TO PREVENT UNAUTHORISED VEHICULAR ACCESS OUTSIDE WORK HOURS.

WASTE MANAGEMENT AREA
SITE STOCKPILE OF MATERIALS
PLANT AND EQUIPMENT STORAGE AREA

BUSHLAND RESERVE

NO CONSTRUCTION ACCESS OR MATERIALS STORAGE IN ECC OTHER THAN STORMWATER AND WATER QUALITY WORKS.

ACCESS FOR BASIN CONSTRUCTION

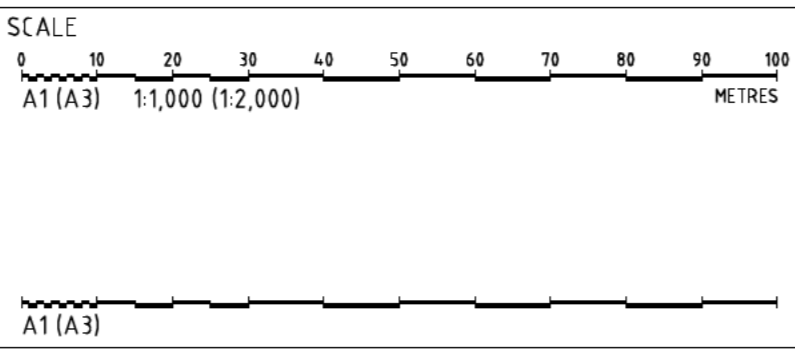
TEMPORARY ACCESS FOR RETAINING WALL CONSTRUCTION

TEMPORARY ACCESS FOR RETAINING WALL CONSTRUCTION

KEY:

- TEMPORARY SITE ACCESS
- ↔ VEHICULAR MOVEMENTS (STAGE 1 INTERNAL ROUTES)
- ↔ VEHICULAR MOVEMENTS (WORK ON SUNSET STRIP)
- [Pattern] PLANT STORAGE WITH SECURITY FENCE
- [Pattern] STOCKPILE
- [Pattern] WASTE MANAGEMENT AREA

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED ACCORDING TO COUNCIL'S COMMENTS	29/04/2019	VH	VH	SA	JF
B	AMENDED ACCORDING TO COUNCIL'S COMMENTS	25/03/2019	JS	VH	SA	JF
A	INITIAL RELEASE	09/11/2017	KH	MD/CL	RJ	



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PROJECT MANAGER: JF
CLIENT: OZY HOMES P/L
PROJECT NAME/PLANSET TITLE: SUBDIVISION DEVELOPMENT CONSTRUCTION AND WASTE MANAGEMENT PLAN
BERRINGER ROAD, CUNJURONG POINT ROAD AND SUNSET STRIP, MANYANA, NSW



Consulting Engineers
Environment Water Geotechnical Civil

CONSTRUCTION CERTIFICATE

DRAWING TITLE CONSTRUCTION & WASTE MANAGEMENT PLAN-STAGE 1				
PROJECT NO. P1705919	PLANSET NO. PS02	RELEASE NO. R04	DRAWING NO. PS02-B210	REVISION C

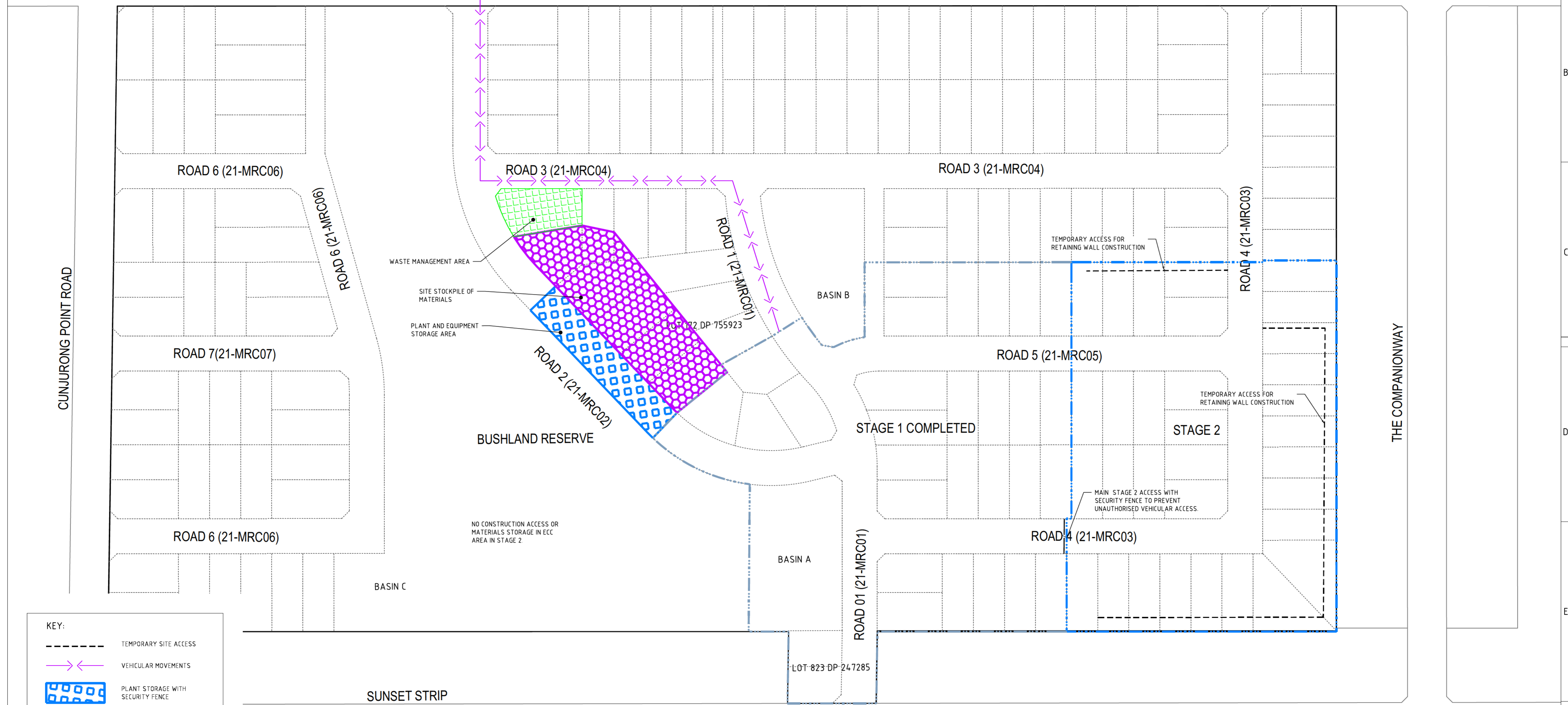
NOTES:
 1 ANY CLEARING TO BE UNDERTAKEN AS PART OF THIS APPROVAL IN STAGES 2, 3 OR 4 OF THE DEVELOPMENT AND AFFECTING THE BANGALAY MOIST WOODLAND / OPEN FOREST WILL NOT BE UNDERTAKEN BETWEEN THE BEGINNING OF OCTOBER AND THE END OF FEBRUARY IN ANY YEAR TO MINIMISE POTENTIAL IMPACTS ON BREEDING BY THE MIGRATORY SPECIES BLACK - FACED MONARCH AND RUFOUS FANTAIL.
 2 ALL RELEVANT WORKS FOR EACH STAGE ARE TO BE UNDERTAKEN WITH THAT STAGE ONLY.



BERRINGER ROAD

BERRINGER ROAD

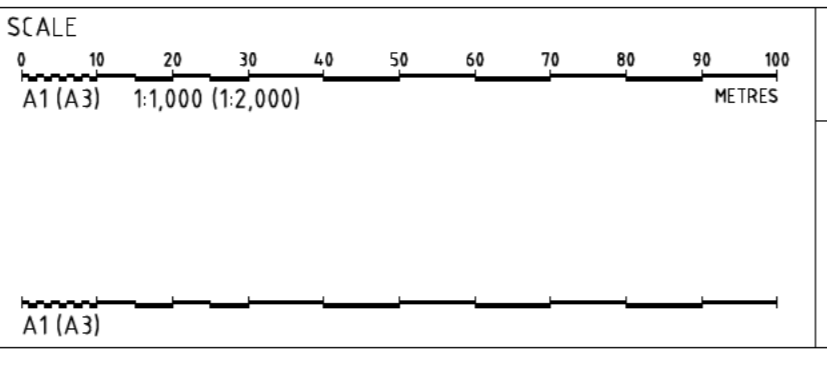
FROM AND TO PACIFIC HIGHWAY



KEY:

- TEMPORARY SITE ACCESS
- ↔ VEHICULAR MOVEMENTS
- [Blue Grid] PLANT STORAGE WITH SECURITY FENCE
- [Purple Grid] STOCKPILE
- [Green Grid] WASTE MANAGEMENT AREA

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED ACCORDING TO COUNCIL'S COMMENTS	29/04/2019	VH	VH	SA	JF
B	AMENDED ACCORDING TO COUNCIL'S COMMENTS	25/03/2019	JS	VH	SA	JF
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PROJECT NAME/PLANSET TITLE
OZY HOMES P/L
SUBDIVISION DEVELOPMENT
CONSTRUCTION AND WASTE MANAGEMENT PLAN
 BERRINGER ROAD, CUNJURONG POINT ROAD AND SUNSET STRIP, MANYANA, NSW

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 Email: mail@martens.com.au Internet: www.martens.com.au

CONSTRUCTION CERTIFICATE

DRAWING TITLE
CONSTRUCTION & WASTE MANAGEMENT PLAN-STAGE 2

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1705919	PS02	R04	PS02-B220	C

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A1 / A3 LANDSCAPE (A1/C_02.0.01)

DRAWING ID: P1705919-PS02-R04-B220

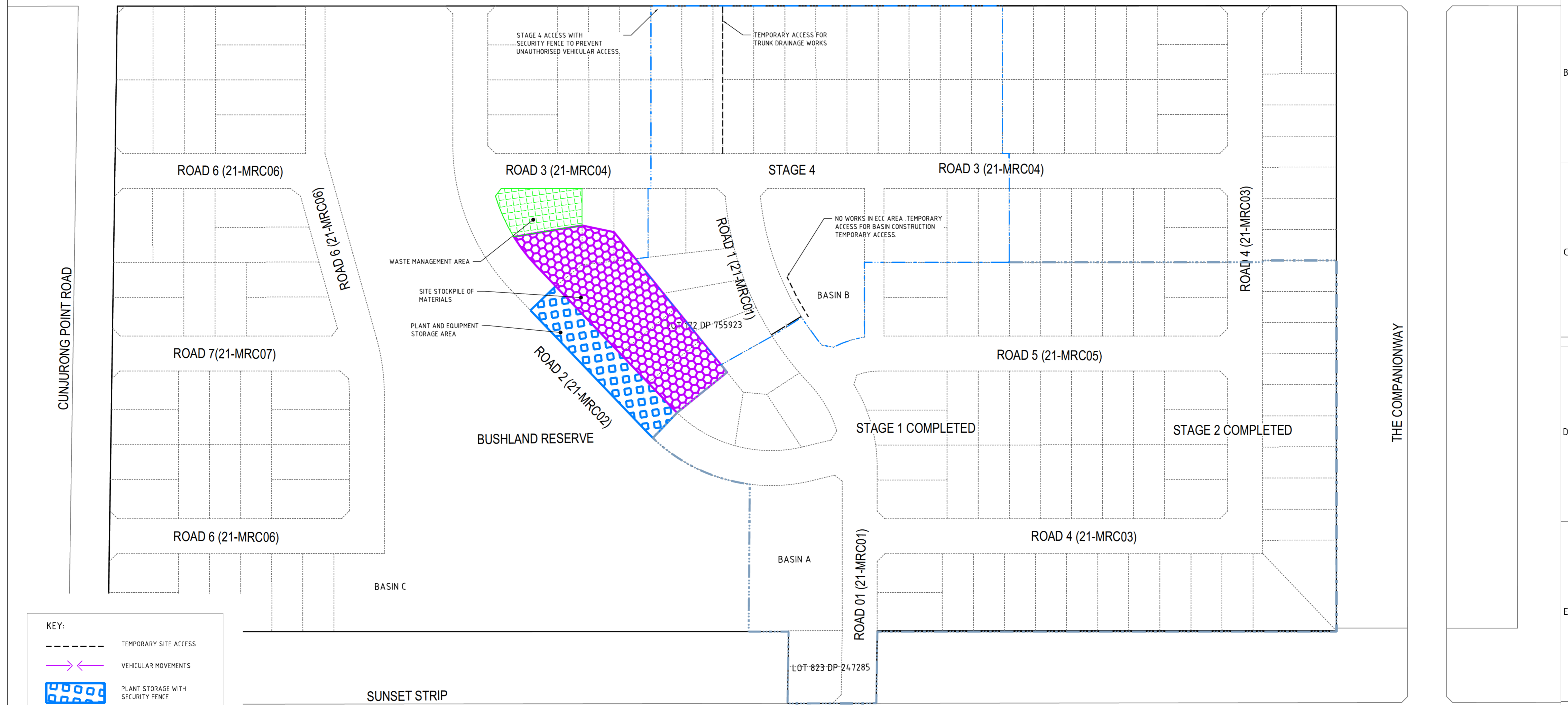
NOTES:
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BERRINGER ROAD

BERRINGER ROAD

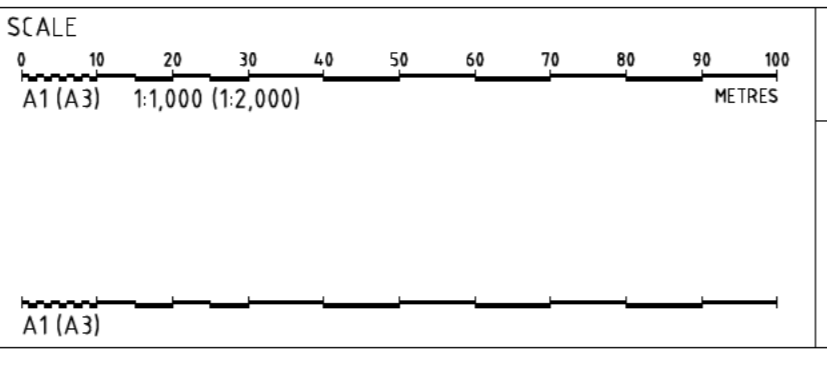
FROM AND TO PACIFIC HIGHWAY



KEY:

- TEMPORARY SITE ACCESS
- VEHICULAR MOVEMENTS
- PLANT STORAGE WITH SECURITY FENCE
- STOCKPILE
- WASTE MANAGEMENT AREA

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED ACCORDING TO COUNCIL'S COMMENTS	29/04/2019	VH	VH	SA	JF
B	AMENDED ACCORDING TO COUNCIL'S COMMENTS	25/03/2019	JS	VH	SA	JF
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PROJECT NAME/PLANSET TITLE
OZY HOMES P/L
SUBDIVISION DEVELOPMENT
CONSTRUCTION AND WASTE MANAGEMENT PLAN
 BERRINGER ROAD, CUNJURONG POINT ROAD
 AND SUNSET STRIP, MANYANA, NSW

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CONSTRUCTION CERTIFICATE

DRAWING TITLE
CONSTRUCTION & WASTE MANAGEMENT PLAN-STAGE 4

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1705919	PS02	R04	PS02-B230	C

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A1 / A3 LANDSCAPE (A1/C_02.0.01)

DRAWING ID: P1705919-PS02-R04-B230

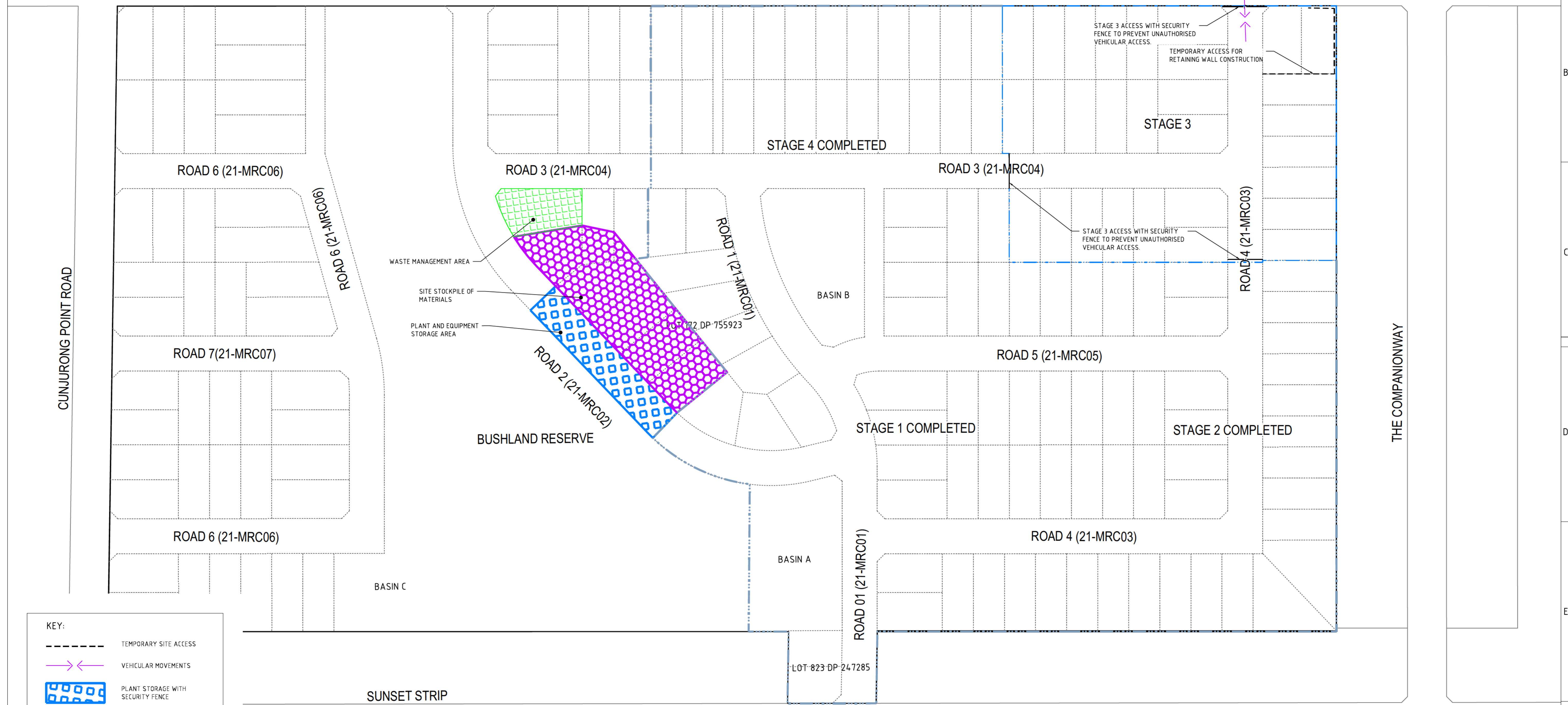
NOTES:
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BERRINGER ROAD

BERRINGER ROAD

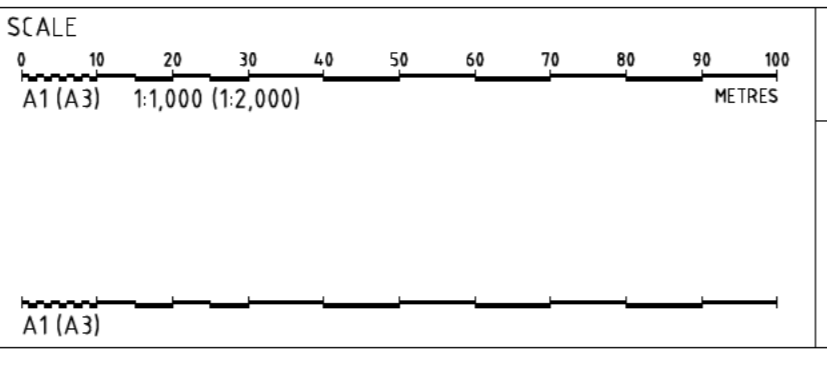
FROM AND TO PACIFIC HIGHWAY



KEY:

- TEMPORARY SITE ACCESS
- VEHICULAR MOVEMENTS
- PLANT STORAGE WITH SECURITY FENCE
- STOCKPILE
- WASTE MANAGEMENT AREA

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED ACCORDING TO COUNCIL'S COMMENTS	29/04/2019	VH	VH	SA	JF
B	AMENDED ACCORDING TO COUNCIL'S COMMENTS	25/03/2019	JS	VH	SA	JF
A	INITIAL RELEASE	09/11/2017	KH	MD/CL	RJ	



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PROJECT NAME/PLANSET TITLE
OZY HOMES P/L
SUBDIVISION DEVELOPMENT
CONSTRUCTION AND WASTE MANAGEMENT PLAN
 BERRINGER ROAD, CUNJURONG POINT ROAD AND SUNSET STRIP, MANYANA, NSW

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CONSTRUCTION CERTIFICATE

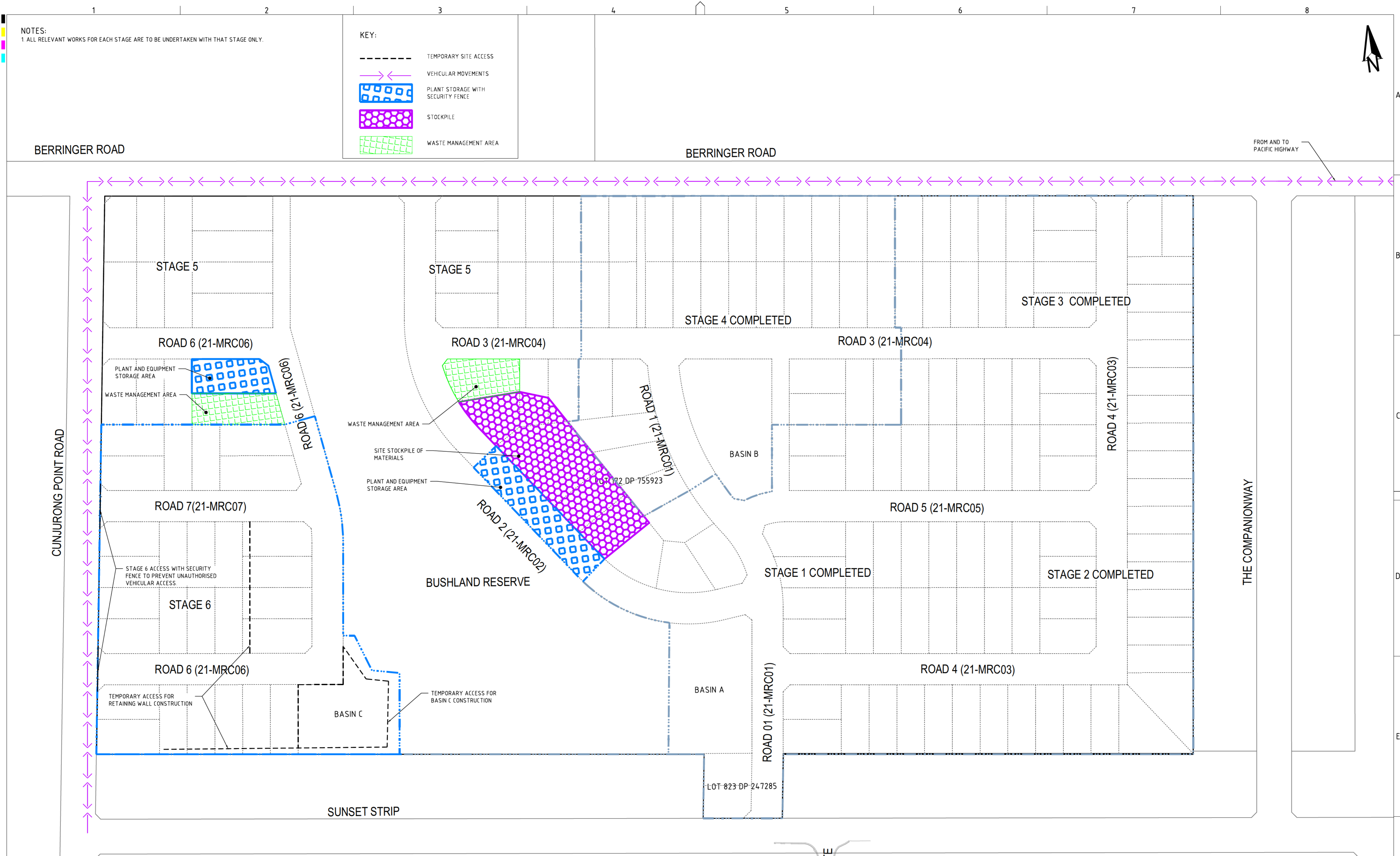
DRAWING TITLE
CONSTRUCTION & WASTE MANAGEMENT PLAN-STAGE 3

PROJECT NO.	PLANSET NO.	RELEASE NO.	DRAWING NO.	REVISION
P1705919	PS02	R04	PS02-B240	C

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A1 / A3 LANDSCAPE (A1/C_02.0.01)

DRAWING ID: P1705919-PS02-R04-B240



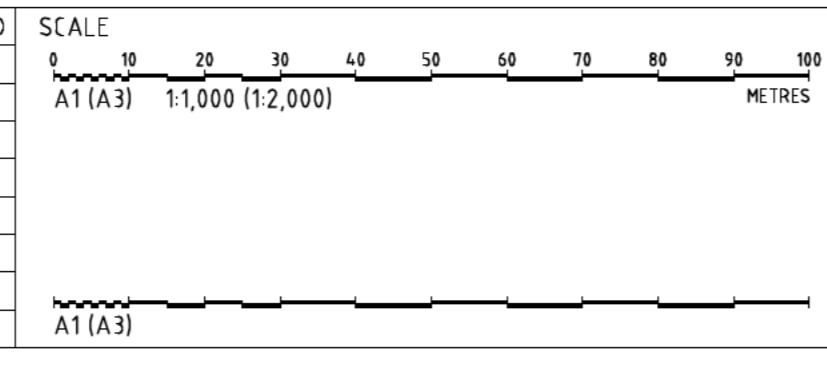
NOTES:
1 ALL RELEVANT WORKS FOR EACH STAGE ARE TO BE UNDERTAKEN WITH THAT STAGE ONLY.

KEY:

- TEMPORARY SITE ACCESS
- VEHICULAR MOVEMENTS
- PLANT STORAGE WITH SECURITY FENCE
- STOCKPILE
- WASTE MANAGEMENT AREA

FROM AND TO
PACIFIC HIGHWAY

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED ACCORDING TO COUNCIL'S COMMENTS	29/04/2019	VH	VH	SA	JF
B	AMENDED ACCORDING TO COUNCIL'S COMMENTS	25/03/2019	JS	VH	SA	JF
A	INITIAL RELEASE	09/11/2017	KH	MD/CL	RJ	



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GRID ---
DATUM ---
PROJECT MANAGER JF
CLIENT OZY HOMES P/L
PROJECT NAME/PLANSET TITLE
**SUBDIVISION DEVELOPMENT
CONSTRUCTION AND WASTE MANAGEMENT PLAN**
BERRINGER ROAD, CUNJURONG POINT ROAD
AND SUNSET STRIP, MANYANA, NSW

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CONSTRUCTION CERTIFICATE

DRAWING TITLE
CONSTRUCTION & WASTE MANAGEMENT PLAN-STAGE 6

PROJECT NO. P1705919	PLANSET NO. PS02	RELEASE NO. R04	DRAWING NO. PS02-B250	REVISION C
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DRAWING ID: P1705919-PS02-R04-B250

PRINTED BY USER: WYANG

A1 / A3 LANDSCAPE (A1/C_02.0.01)

FIVE

NOTES:
1 ALL RELEVANT WORKS FOR EACH STAGE ARE TO BE UNDERTAKEN WITH THAT STAGE ONLY.



BERRINGER ROAD

BERRINGER ROAD

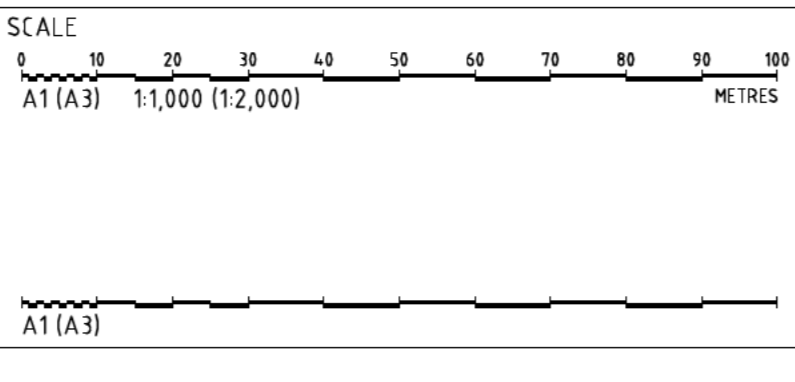
FROM AND TO
PACIFIC HIGHWAY



KEY:

- TEMPORARY SITE ACCESS
- VEHICULAR MOVEMENTS
- PLANT STORAGE WITH SECURITY FENCE
- STOCKPILE
- WASTE MANAGEMENT AREA

REV	DESCRIPTION	DATE	DRAWN	DESIGNED	CHECKED	APPRVD
C	AMENDED ACCORDING TO COUNCIL'S COMMENTS	29/04/2019	VH	VH	SA	JF
B	AMENDED ACCORDING TO COUNCIL'S COMMENTS	25/03/2019	JS	VH	SA	JF
A	INITIAL RELEASE	09/11/2017	KH	MD/CL	RJ	



GRID --- DATUM --- PROJECT MANAGER JF CLIENT OZY HOMES P/L

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PROJECT NAME/PLANSET TITLE
**SUBDIVISION DEVELOPMENT
CONSTRUCTION AND WASTE MANAGEMENT PLAN**
BERRINGER ROAD, CUNJURONG POINT ROAD
AND SUNSET STRIP, MANYANA, NSW

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CONSTRUCTION CERTIFICATE

DRAWING TITLE
CONSTRUCTION & WASTE MANAGEMENT PLAN-STAGE 5

PROJECT NO. P1705919	PLANSET NO. PS02	RELEASE NO. R04	DRAWING NO. PS02-B260	REVISION C
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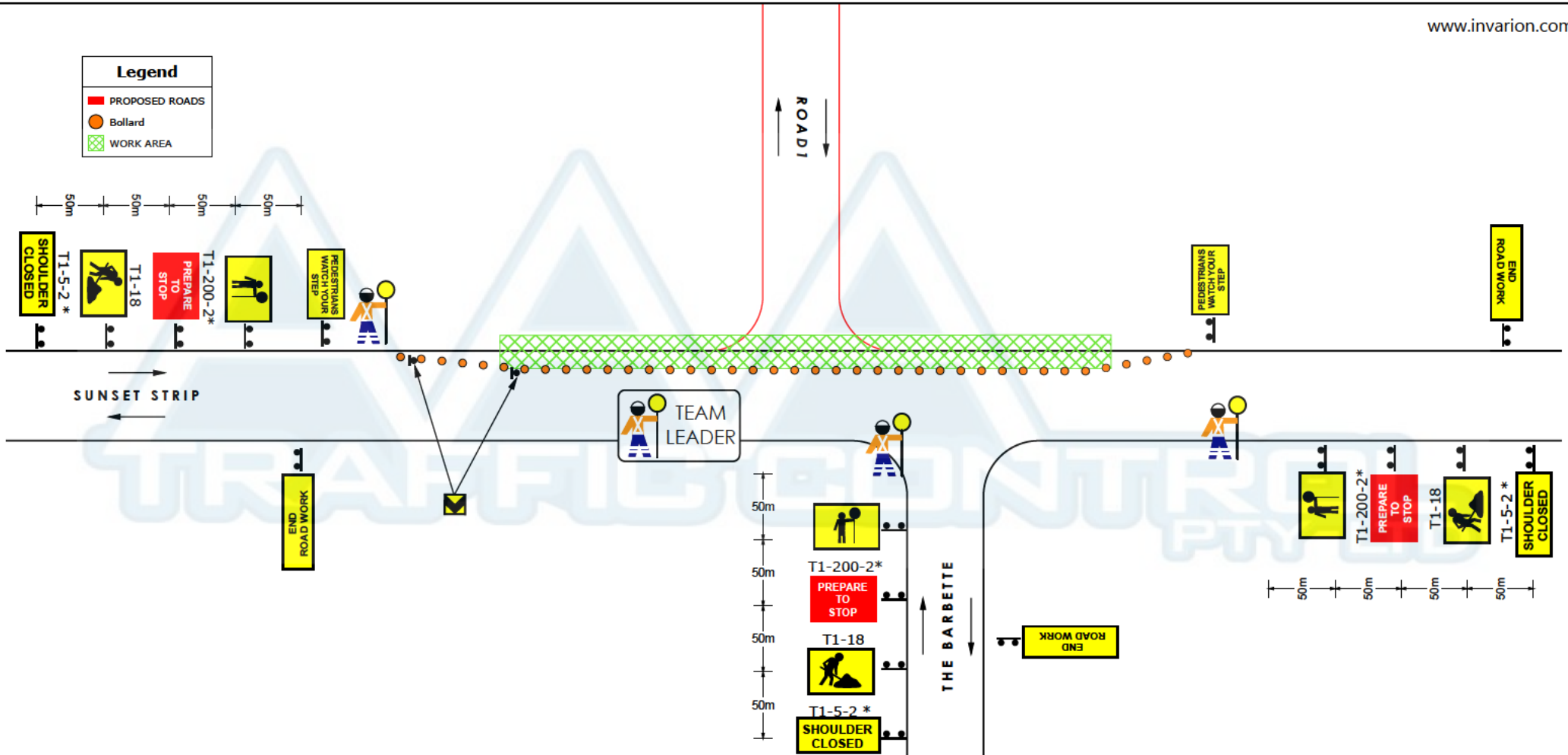
DRAWING ID: P1705919-PS02-R04-B260

PRINTED: USER: WJANG

A1 / A3 LANDSCAPE (A1/C_02.0.01)

4 Attachment B – Traffic Control Plans

Legend	
█	PROPOSED ROADS
●	Bollard
	WORK AREA



NOTES:

- All Traffic Control works; signs and devices to comply with Australian Standard AS 1742.3
- Adjustments to TCP may be only made by persons holding an RMS Select and Modify ticket or higher
- All traffic control devices may only be set out by persons holding an RMS Apply Traffic Control Plans ticket or higher
- Traffic control personnel must hold an RMS Traffic Controller ticket or higher
- Signs to be erected so they are visible to motorists and not a hazard to pedestrians
- Traffic controllers to escort pedestrians past the work area
- Traffic Controllers who are on constant Stop-Go must be relieved for a minimum period of 15 minutes every two hours. As per the Australian Standards and the WH&S Act
- Site ganger is to conduct a 'tool box talk' and complete the adequate paperwork to support the discussion
- A 'risk assessment' to be conducted on site prior setup to determine the queue length and site distance to the active TCP
- If an incident occurs on site an 'Incident report form' MUST be completed immediately. Upon completion of the incident report form site ganger is to notify AAA head office

This TCP has been prepared as a guide for Traffic Management purposes only and is not to scale. The positions of the signs, traffic controllers and equipment are only suggested locations. Amendments to the locations may be required on site. AAA Traffic Control Pty Ltd accepts no liability for the implementation or execution of this TCP unless undertaken by authorized AAA Traffic Control personnel.



PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL ALSTART	LATERAL SHIFT TAPER	MERGE TAPER	MERGE TAPER
All purposes on residential or commercial streets	<= 50	4	< 45	15	0	15	
Center-line on approach to Traffic Controller position	All cases	4	46 - 55	15	15	30	
Outer edge of traffic line - i.e. working on shoulder	51-70 / >70	18 / 24	56 - 65	30	30	60	
Separating opposing traffic on 2 lane 2 way road	51-70 / >70	12 / 18	66 - 75	N/A	70	115	
Separating opposing traffic on multilane undivided road	51-70 / >70	12 / 18	76 - 85	N/A	80	130	
Adjacent to a closed lane on a multilane road	51-70 / >70	16 / 24	86 - 95	N/A	90	145	
Merge tapers	51-70 / >70	9 / 12	96 - 105	N/A	100	160	
Lateral shift tapers	51-70 / >70	12 / 18	> 105	N/A	110	180	
Protecting freshly painted lines	51-70 / >70	24 / 60					

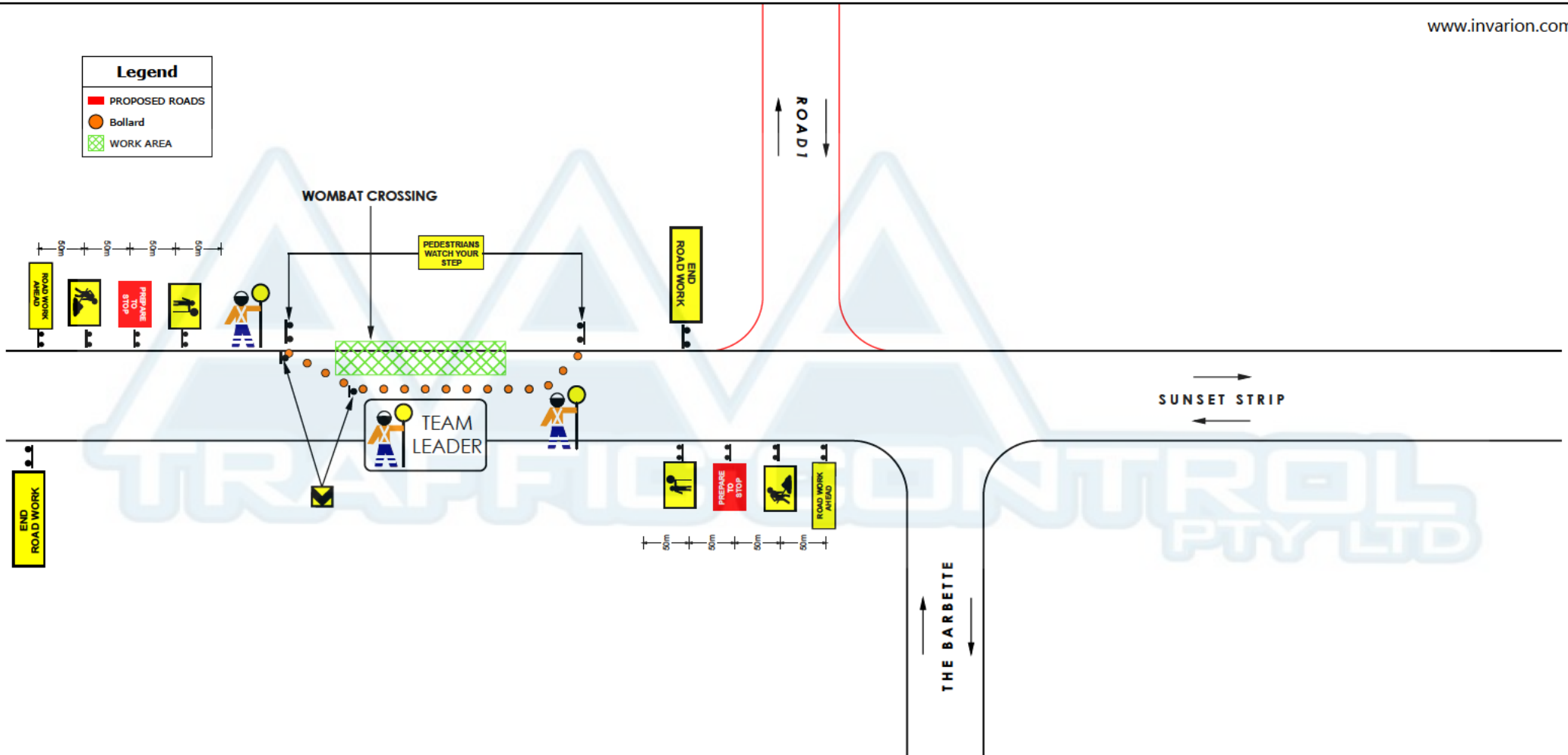
FIGURES EXTRACTED FROM RTA TCWS MANUAL v4.0 (TABLES 5.1 & 5.2); REFER TO MANUAL FOR FURTHER INFO.



PH: 02 9675 7731 F: 02 9675 7744
10 Coventry Place
Mount Druitt NSW 2770
www.aaatraficcontrol.com.au
info@aaatraficcontrol.com.au
A.B.N. 78 105 021 869

CLIENT: MARTENS & ASSOCIATES		MANAGEMENT		● PEDESTRIAN MGMT		JOB NO: 6117		PLAN NO: MP 689(a)	
CONTACT: MICHAEL DUMAS PH: 0409 324 922		○ STOP / SLOW		○ INTERMITTENT		● TCP		AUTHOR: THIOLEN NAIDOO	
PROJECT: SUBDIVISION		○ CONTRA FLOW		ROAD CLASSIFICATION		○ CTMP		CERT: 0030490926	
LOCATION: BERRINGER ROAD MANAYA		○ DETOUR				○ STATE (RTA/RMS)		DATE: 08/11/2017	
UBD:		○ ROAD CLOSURE		○ REGIONAL (COUNCIL & RTA/RMS)		REV DATE		SCALE N.T.S	
PO:		● SHOULDER WORKS		● LOCAL (COUNCIL)					

Legend	
█	PROPOSED ROADS
●	Bollard
	WORK AREA




PH: 02 9675 7731 F: 02 9675 7744
 10 Coventry Place
 Mount Druitt NSW 2770
 www.aattrafficcontrol.com.au
 info@aattrafficcontrol.com.au
 A.B.N. 78 105 021 869

- NOTES:**
- All Traffic Control works; signs and devices to comply with Australian Standard AS 1742.3
 - Adjustments to TCP may be only made by persons holding an RMS Select and Modify ticket or higher
 - All traffic control devices may only be set out by persons holding an RMS Apply Traffic Control Plans ticket or higher
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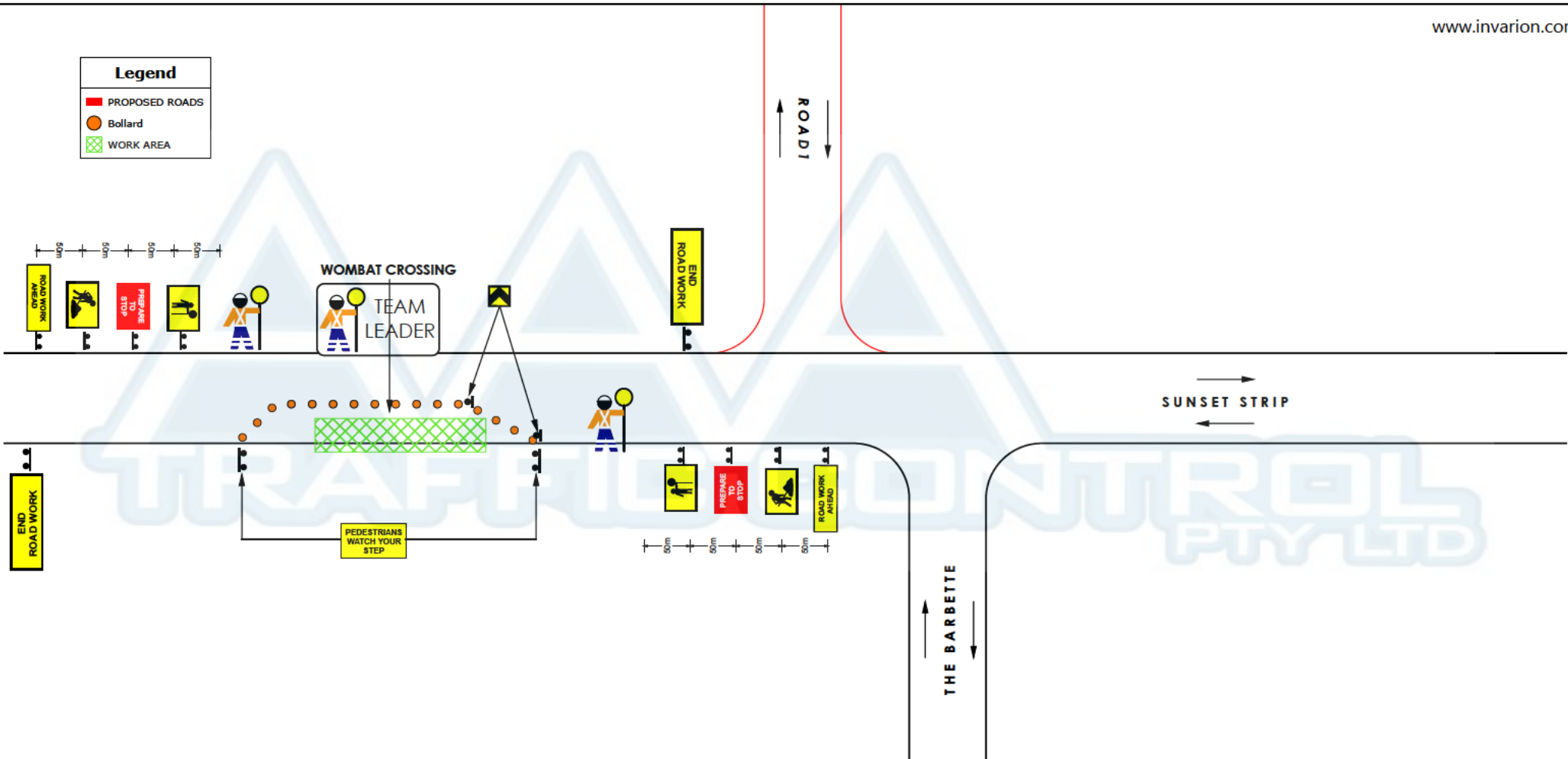
CLIENT: MARTENS & ASSOCIATES	
CONTACT: MICHAEL DUMAS	PH: 0409 324 922
PROJECT: SUBDIVISION	
LOCATION: BERRINGER ROAD MANAYA	
UBD:	PO:

MANAGEMENT	<input checked="" type="radio"/> PEDESTRIAN MGMT <input type="radio"/> STOP / SLOW <input type="radio"/> LANE MERGE <input type="radio"/> CONTRA FLOW <input type="radio"/> DETOUR <input type="radio"/> ROAD CLOSURE <input checked="" type="radio"/> SHOULDER WORKS
ROAD CLASSIFICATION	<input type="radio"/> INTERMITTENT <input type="radio"/> STATE (RTA/RMS) <input type="radio"/> REGIONAL (COUNCIL & RTA/RMS) <input checked="" type="radio"/> LOCAL (COUNCIL)

JOB NO: 6117	PLAN NO: MP 689(b)
● TCP	AUTHOR: THIOLEN NAIDOO
○ TMP	CERT: 0030490926
○ CTMP	DATE: 08/11/2017
REV	SIGN: <i>[Signature]</i>
DATE	
SCALE: N.T.S	

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL ALSTART	LATERAL SHIFT TAPER	MERGE TAPER	MERGE TAPER
All purposes on residential or commercial streets	<= 50	4	< 45	15	0	15	
Center-line on approach to Traffic Controller position	All cases	4	46 - 55	15	15	30	
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Adjacent to a closed lane on a multilane road	51-70 / >70	16 / 24	86 - 95	N/A	90	145	
Merge tapers	51-70 / >70	9 / 12	96 - 105	N/A	100	160	
Lateral shift tapers	51-70 / >70	12 / 18	> 105	N/A	110	180	
Protecting freshly painted lines	51-70 / >70	24 / 60					
FIGURES EXTRACTED FROM RTA TCWS MANUAL v4.0 (TABLES 5.1 & 5.2); REFER TO MANUAL FOR FURTHER INFO.							

Legend	
█	PROPOSED ROADS
●	Bollard
	WORK AREA




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 10 Coventry Place
 Mount Druitt NSW 2770
 www.aattrafficcontrol.com.au
 info@aattrafficcontrol.com.au
 A.B.N. 78 105 021 869

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CLIENT: MARTENS & ASSOCIATES
 CONTACT: MICHAEL DUMAS PH: 0409 324 922
 PROJECT: SUBDIVISION
 LOCATION: BERRINGER ROAD MANAYA
 UBD: PO:

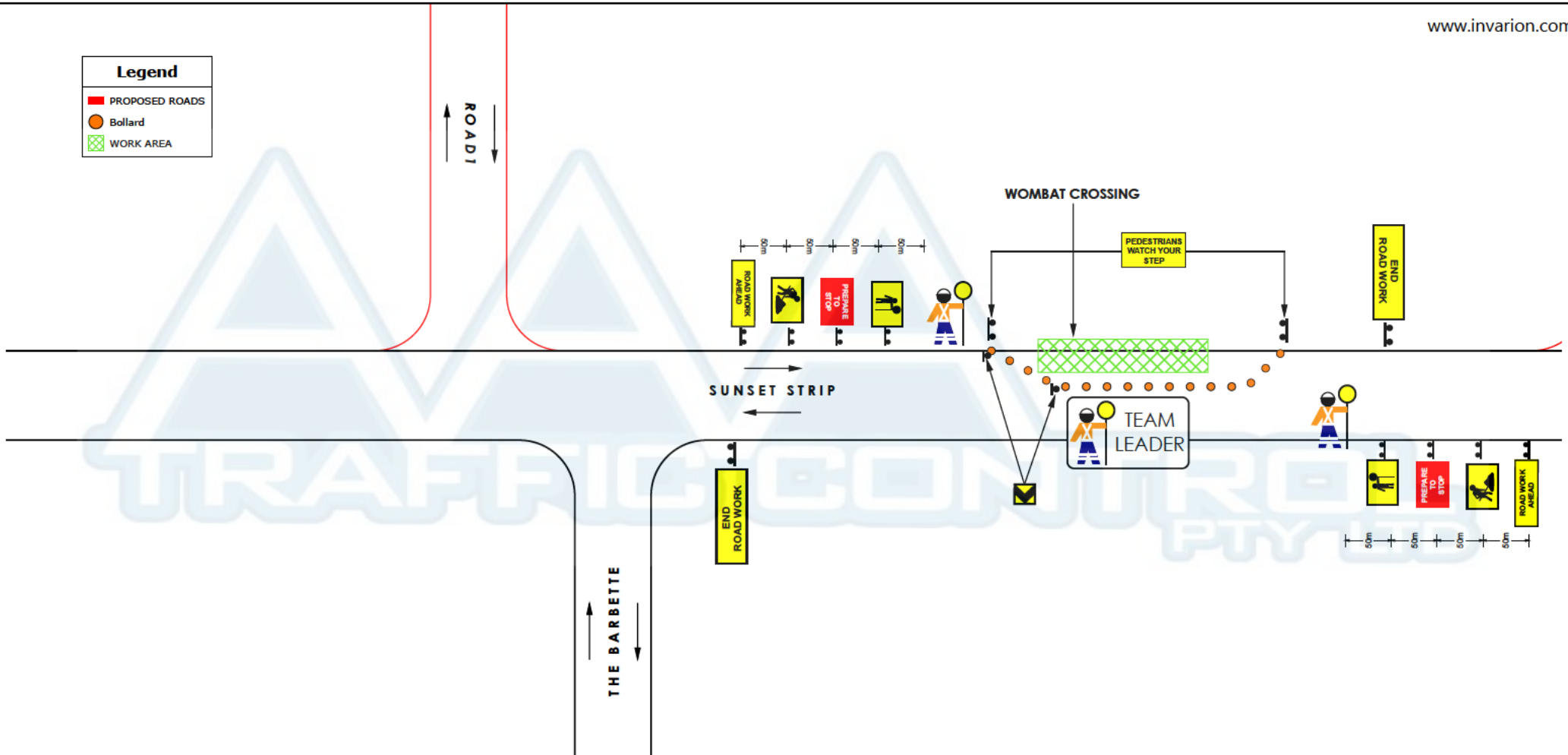
- MANAGEMENT**
- STOP / SLOW
 - LANE MERGE
 - CONTRA FLOW
 - DETOUR
 - ROAD CLOSURE
 - SHOULDER WORKS
- ROAD CLASSIFICATION**
- PEDESTRIAN MGMT
 - INTERMITTENT
 - STATE (RTA/RMS)
 - REGIONAL (COUNCIL & RTA/RMS)
 - LOCAL (COUNCIL)

JOB NO: 6117
 PLAN NO: MP 689(c)
 AUTHOR: THIOLEN NAIDOO
 CERT: 0030490926
 DATE: 08/11/2017
 SIGN: *[Signature]*
 REV DATE:
 SCALE: N.T.S

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL ALSTART	LATERAL SHIFT TAPER	MERGE TAPER	MERGE TAPER
All purposes on residential or commercial streets	<= 50	4	< 45	15	0	15	30
Center-line on approach to Traffic Controller position	All cases	4	46 - 55	15	15	30	60
Outer edge of traffic line - i.e. working on shoulder	51-70 / >70	18 / 24	56 - 65	30	30	60	115
Separating opposing traffic on 2 lane 2 way road	51-70 / >70	12 / 18	66 - 75	N/A	70	115	130
Separating opposing traffic on multilane undivided road	51-70 / >70	12 / 18	76 - 85	N/A	80	130	145
Adjacent to a closed lane on a multilane road	51-70 / >70	16 / 24	86 - 95	N/A	90	145	160
Merge tapers	51-70 / >70	9 / 12	96 - 105	N/A	100	160	180
Lateral shift tapers	51-70 / >70	12 / 18	> 105	N/A	110	180	
Protecting freshly painted lines	51-70 / >70	24 / 60					
FIGURES EXTRACTED FROM RTA TCWS MANUAL v4.0 (TABLES 5.1 & 5.2); REFER TO MANUAL FOR FURTHER INFO.							

Legend

- █ PROPOSED ROADS
- Bollard
- WORK AREA



- NOTES:**
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 - 2 Adjustments to TCP may be only made by persons holding an RMS Select and Modify ticket or higher
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 10 Coventry Place
 Mount Druitt NSW 2770
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 info@aaatraficcontrol.com.au
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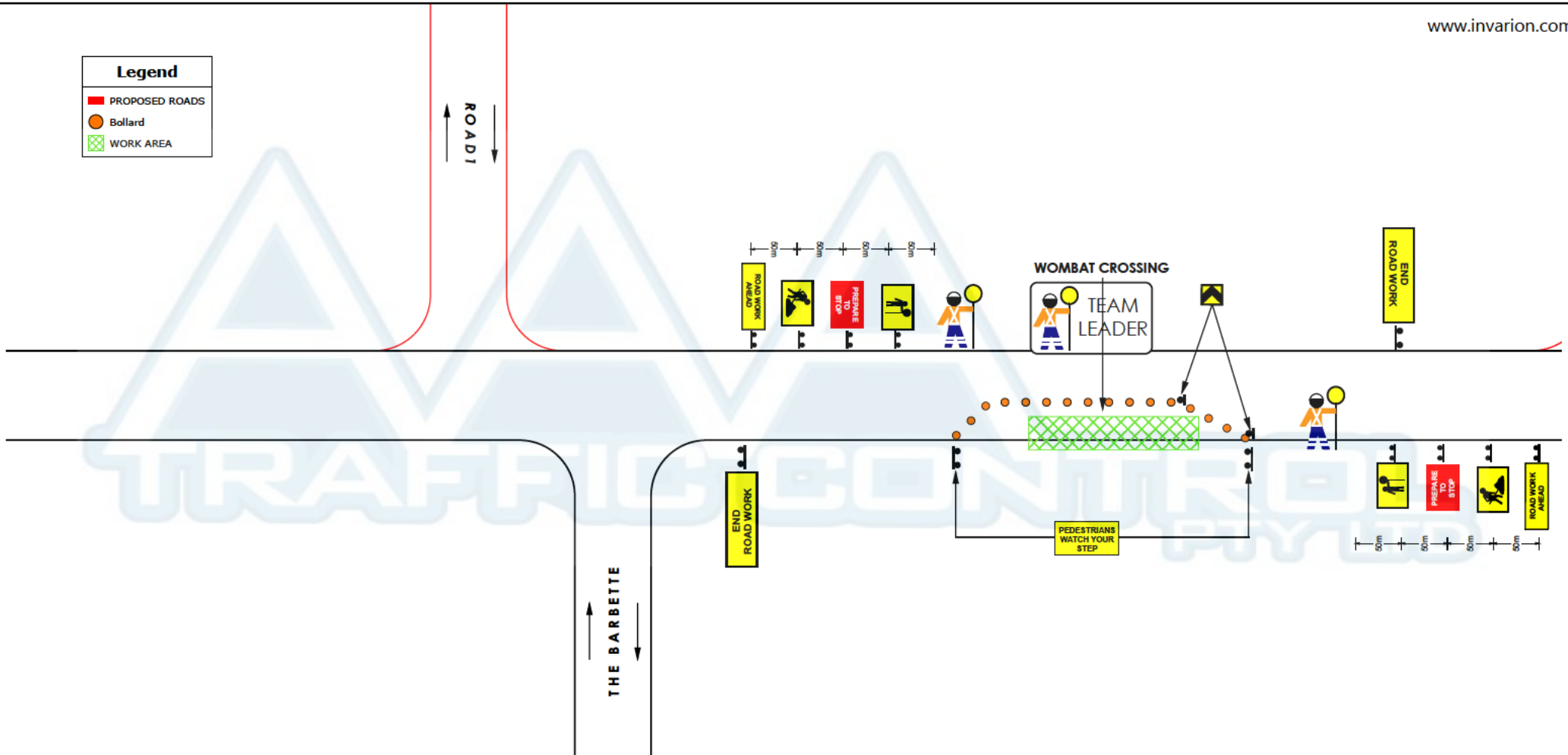
CLIENT: **MARTENS & ASSOCIATES**
 CONTACT: MICHAEL DUMAS PH: 0409 324 922
 PROJECT: SUBDIVISION
 LOCATION: BERRINGER ROAD MANAYA
 UBD: PO:

MANAGEMENT	● PEDESTRIAN MGMT ○ INTERMITTENT	JOB NO 6117	PLAN NO: MP 689(d)
○ STOP / SLOW	● ROAD CLASSIFICATION	● TCP	AUTHOR: THIOLEN NAIDOO
○ LANE MERGE		○ TMP	CERT: 0030490926
○ CONTRA FLOW	○ STATE (RTA/RMS)	○ CTMP	DATE: 08/11/2017
○ DETOUR	○ REGIONAL (COUNCIL & RTA/RMS)	REV	SIGN:
○ ROAD CLOSURE	● LOCAL (COUNCIL)	DATE	
● SHOULDER WORKS		SCALE N.T.S	

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL ALSTART	LATERAL SHIFT TAPER	MERGE TAPER	MERGE TAPER
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Protecting freshly painted lines	51-70 / >70	24 / 60					
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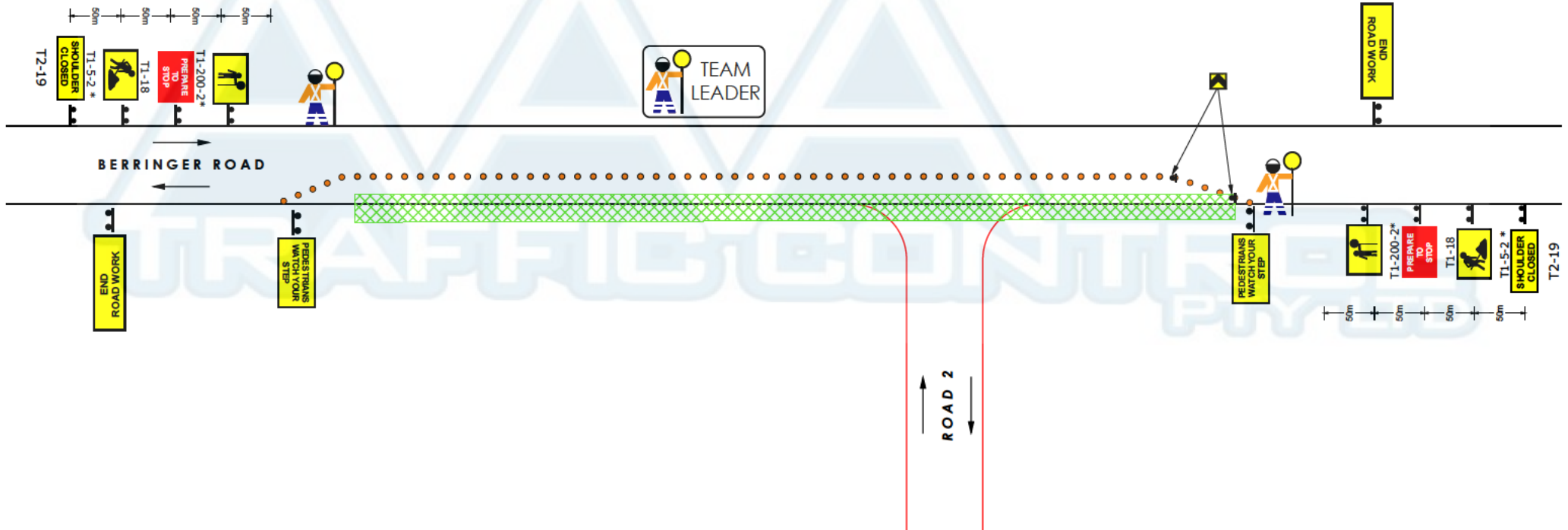
PH: 02 9675 7731 F: 02 9675 7744
 10 Coventry Place
 Mount Druitt NSW 2770
 www.aaatraficcontrol.com.au
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CLIENT: **MARTENS & ASSOCIATES**
 CONTACT: MICHAEL DUMAS PH: 0409 324 922
 PROJECT: SUBDIVISION
 LOCATION: BERRINGER ROAD MANAYA
 UBD: PO:

MANAGEMENT	<input checked="" type="radio"/> PEDESTRIAN MGMT <input type="radio"/> INTERMITTENT	JOB NO: 6117	PLAN NO: MP 689(e)
<input type="radio"/> STOP / SLOW	ROAD CLASSIFICATION	<input checked="" type="radio"/> TCP	AUTHOR: THIOLEN NAIDOO
<input type="radio"/> LANE MERGE		<input type="radio"/> TMP	CERT: 0030490926
<input type="radio"/> CONTRA FLOW	<input type="radio"/> STATE (RTA/RMS) <input type="radio"/> REGIONAL (COUNCIL & RTA/RMS) <input checked="" type="radio"/> LOCAL (COUNCIL)	<input type="radio"/> CTMP	DATE: 08/11/2017
<input type="radio"/> DETOUR		REV DATE	SIGN:
<input type="radio"/> ROAD CLOSURE		SCALE: N.T.S	
<input checked="" type="radio"/> SHOULDER WORKS			

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL AL START	LATERAL SHIFT TAPER	MERGE TAPER	MERGE TAPER
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Legend	
█	PROPOSED ROADS
●	Bollard
	WORK AREA





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CLIENT: MARTENS & ASSOCIATES	MANAGEMENT	ROAD CLASSIFICATION	JOB NO: 6117
CONTACT: MICHAEL DUMAS PH: 0409 324 922	<input checked="" type="radio"/> STOP / SLOW <input type="radio"/> LANE MERGE <input type="radio"/> CONTRA FLOW <input type="radio"/> DETOUR <input type="radio"/> ROAD CLOSURE <input checked="" type="radio"/> SHOULDER WORKS	<input checked="" type="radio"/> PEDESTRIAN MGMT <input type="radio"/> INTERMITTENT <input type="radio"/> STATE (RTA/RMS) <input type="radio"/> REGIONAL (COUNCIL & RTA/RMS) <input checked="" type="radio"/> LOCAL (COUNCIL)	<input checked="" type="radio"/> TCP <input type="radio"/> TMP <input type="radio"/> CTMP REV DATE SCALE N.T.S
PROJECT: SUBDIVISION			PLAN NO: MP 690(a)
LOCATION: BERRINGER ROAD MANAYA			AUTHOR: THIOLEN NAIDOO
UBD:			CERT: 0030490926
PO:			DATE: 08/11/2017
			SIGN:

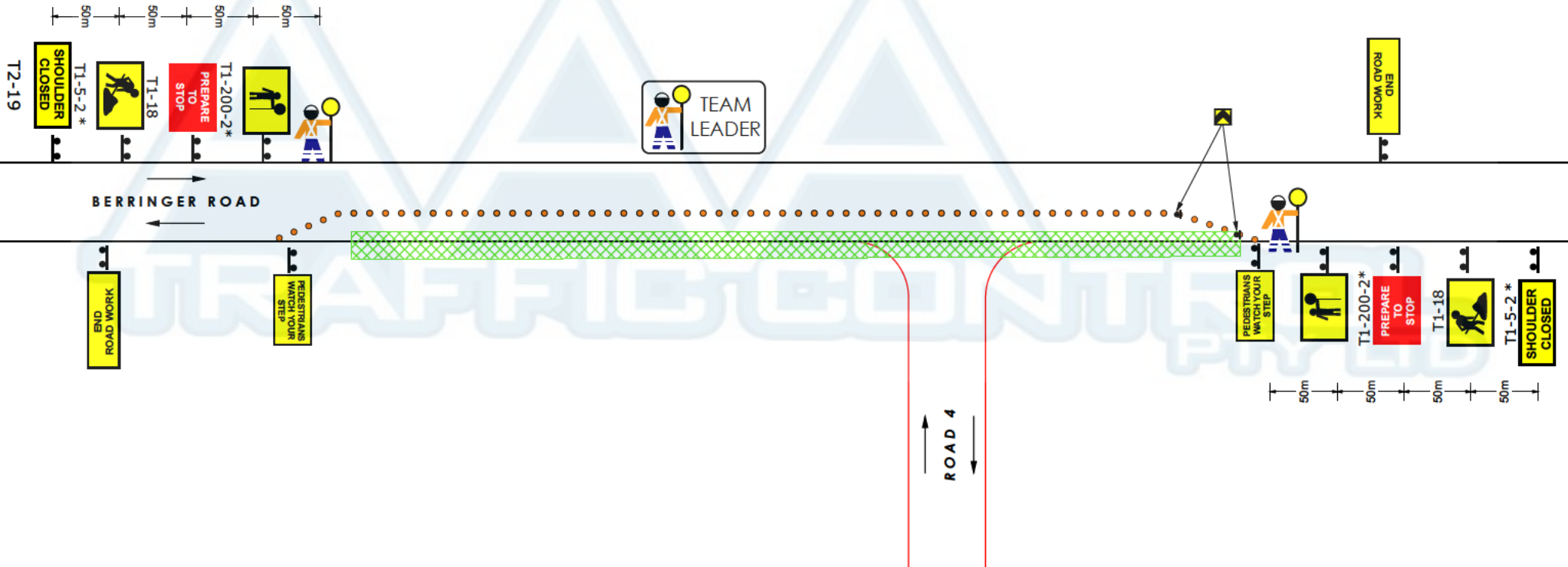
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PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
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Legend	
█	PROPOSED ROADS
●	Bollard
	WORK AREA



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CONTACT: MICHAEL DUMAS	PH: 0409 324 922
PROJECT: SUBDIVISION	
LOCATION: BERRINGER ROAD MANAYA	
UBD:	PO:

MANAGEMENT	<input checked="" type="radio"/> PEDESTRIAN MGMT <input type="radio"/> INTERMITTENT
<input type="radio"/> STOP / SLOW <input type="radio"/> LANE MERGE <input type="radio"/> CONTRA FLOW <input type="radio"/> DETOUR <input type="radio"/> ROAD CLOSURE <input checked="" type="radio"/> SHOULDER WORKS	ROAD CLASSIFICATION <input type="radio"/> STATE (RTA/RMS) <input type="radio"/> REGIONAL (COUNCIL & RTA/RMS) <input checked="" type="radio"/> LOCAL (COUNCIL)

JOB NO: 6117	PLAN NO: MP 690(b)
AUTHOR: THIOLEN NAIDOO	CERT: 0030490926
DATE: 08/11/2017	SIGN:
REV DATE	SCALE: N.T.S

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
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FIGURES EXTRACTED FROM RTA TCWS MANUAL v4.0 (TABLES 5.1 & 5.2); REFER TO MANUAL FOR FURTHER INFO.

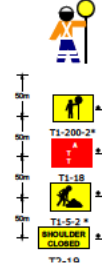
Legend	
	PROPOSED ROADS
	Bollard
	WORK AREA

END ROAD WORK

TEAM LEADER



PEDESTRIAN WORK WA CHY OUR S EP
END ROAD WORK



BERRINGER ROAD

ROAD 6

JOINS TCP MP 691(b)



PH: 02 9675 7731 F: 02 9675 7744
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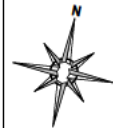
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CONTACT: MICHAEL DUMAS PH: 0409 324 922	
PROJECT: SUBDIVISION	
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UBD:	PO:

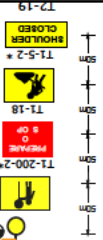
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<input type="radio"/> STOP / SLOW <input type="radio"/> LANE MERGE <input type="radio"/> CONTRA FLOW <input type="radio"/> DETOUR <input type="radio"/> ROAD CLOSURE <input checked="" type="radio"/> SHOULDER WORKS	ROAD CLASSIFICATION <input type="radio"/> STATE (RTA/RMS) <input type="radio"/> REGIONAL (COUNCIL & RTA/RMS) <input checked="" type="radio"/> LOCAL (COUNCIL)

JOB NO: 6117	PLAN NO: MP 691(a)
<input checked="" type="radio"/> TCP <input type="radio"/> TMP <input type="radio"/> CTMP	AUTHOR: THIOLAN NAIDOO
REV DATE	CERT: 0030490926
SCALE: N.T.S	DATE: 08/11/2017
	SIGN: <i>[Signature]</i>

Legend	
	PROPOSED ROADS
	Bollard
	WORK AREA

END ROAD WORK

TEAM LEADER

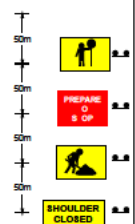
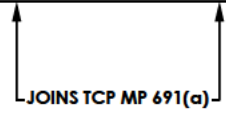


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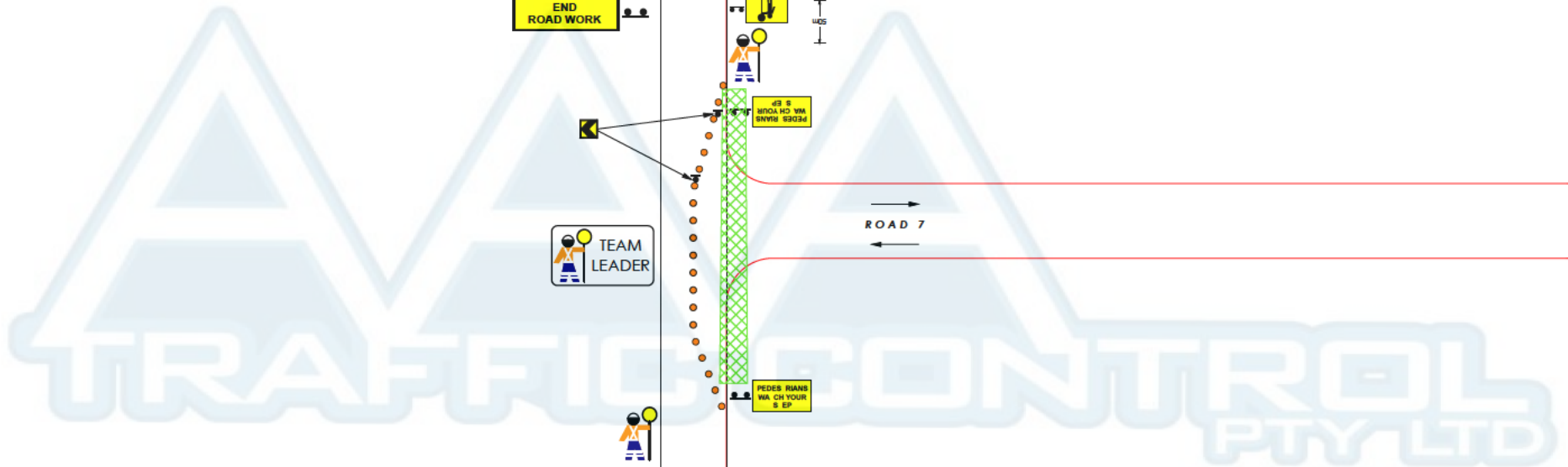
PEDESTRIAN WA CH YOUR S EP

END ROAD WORK

ROAD 7



BERRINGER ROAD



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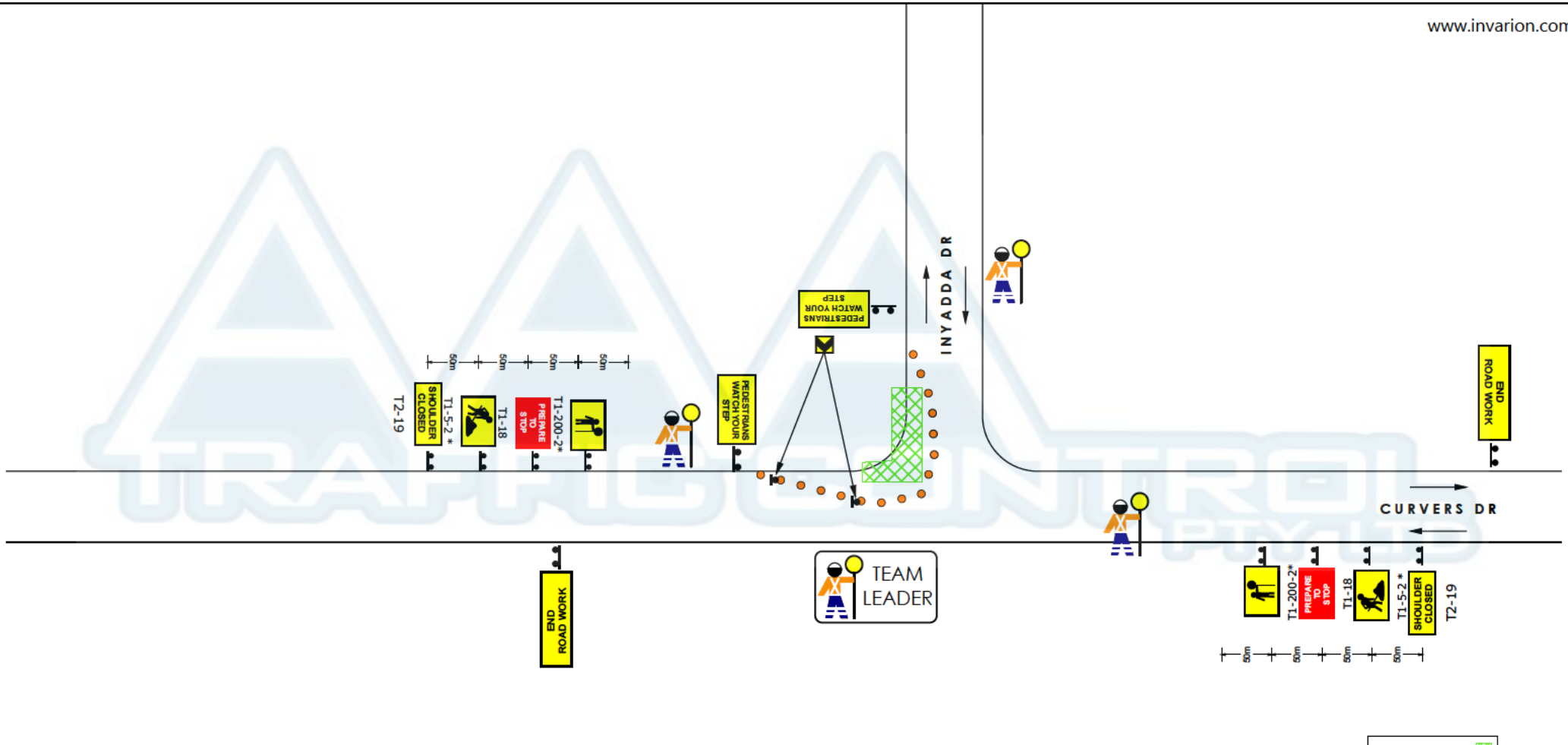
<p>PH: 02 9675 7731 F: 02 9675 7744 10 Coventry Place Mount Druitt NSW 2770 www.aaatraficcontrol.com.au info@aaatraficcontrol.com.au A.B.N. 78 105 021 869</p>	
CLIENT: MARTENS & ASSOCIATES	UBD:
CONTACT: MICHAEL DUMAS PH: 0409 324 922	PO:
PROJECT: SUBDIVISION	
LOCATION: BERRINGER ROAD MANAYA	

MANAGEMENT	ROAD CLASSIFICATION
<input checked="" type="radio"/> STOP / SLOW <input type="radio"/> LANE MERGE <input type="radio"/> CONTRA FLOW <input type="radio"/> DETOUR <input type="radio"/> ROAD CLOSURE <input checked="" type="radio"/> SHOULDER WORKS	<input checked="" type="radio"/> PEDESTRIAN MGMT <input type="radio"/> INTERMITTENT <input type="radio"/> STATE (RTA/RMS) <input type="radio"/> REGIONAL (COUNCIL & RTA/RMS) <input checked="" type="radio"/> LOCAL (COUNCIL)

JOB NO: 6117	PLAN NO: MP 691(b)
<input checked="" type="radio"/> TCP <input type="radio"/> TMP <input type="radio"/> CTMP	AUTHOR: THIOLEN NAIDOO
REV DATE	CERT: 0030490926
SCALE N.T.S	DATE: 08/11/2017
	SIGN:

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL AL START	LATERAL SHIFT TAPER	MERGE TAPER	MERGE TAPER
All purposes on residential or commercial streets	<= 50	4	< 45	15	0	15	
Center-line on approach to Traffic Controller position	All cases	4	46 - 55	15	15	30	
Outer edge of traffic line - i.e. working on shoulder	51-70 / >70	18 / 24	56 - 65	30	30	60	
Separating opposing traffic on 2 lane 2 way road	51-70 / >70	12 / 18	66 - 75	N/A	70	115	
Separating opposing traffic on multilane undivided road	51-70 / >70	12 / 18	76 - 85	N/A	80	130	
Adjacent to a closed lane on a multilane road	51-70 / >70	16 / 24	86 - 95	N/A	90	145	
Merge tapers	51-70 / >70	9 / 12	96 - 105	N/A	100	160	
Lateral shift tapers	51-70 / >70	12 / 18	> 105	N/A	110	180	
Protecting freshly painted lines	51-70 / >70	24 / 60					

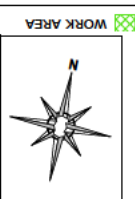
FIGURES EXTRACTED FROM RTA TCWS MANUAL v4.0 (TABLES 5.1 & 5.2); REFER TO MANUAL FOR FURTHER INFO.



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- NOTES:**
- All Traffic Control works; signs and devices to comply with Australian Standard AS 1742 3
 - Adjustments to TCP may be only made by persons holding an RMS Select and Modify ticket or higher
 - All traffic control devices may only be set out by persons holding an RMS Apply Traffic Control Plans ticket or higher
 - Traffic control personnel must hold an RMS Traffic Controller ticket or higher
 - Signs to be erected so they are visible to motorists and not a hazard to pedestrians
 - Traffic controllers to escort pedestrians past the work area
 - Traffic Controllers who are on constant Stop-Go must be relieved for a minimum period of 15 minutes every two hours As per the Australian Standards and the WH&S Act
 - Site ganger is to conduct a 'tool box talk' and complete the adequate paperwork to support the discussion
 - A 'risk assessment' to be conducted on site prior setup to determine the queue length and site distance to the active TCP
 - If an incident occurs on site an 'Incident report form' MUST be completed immediately Upon completion of the incident report form site Ganger is to notify AAA head office

This TCP has been prepared as a guide for Traffic Management purposes only and is not to scale. The positions of the signs, traffic controllers and equipment are only suggested locations. Amendments to the locations may be required on site. AAA Traffic Control Pty Ltd accepts no liability for the implementation or execution of this TCP unless undertaken by authorized AAA Traffic Control personnel.



CLIENT: **MARTENS & ASSOCIATES**
 CONTACT: MICHAEL DUMAS PH: 0409 324 922
 PROJECT: SUBDIVISION
 LOCATION: BERRINGER ROAD MANAYA
 UBD: PO:

- MANAGEMENT**
- STOP / SLOW
 - LANE MERGE
 - CONTRA FLOW
 - DETOUR
 - ROAD CLOSURE
 - SHOULDER WORKS
- ROAD CLASSIFICATION**
- PEDESTRIAN MGMT
 - INTERMITTENT
 - STATE (RTA/RMS)
 - REGIONAL (COUNCIL & RTA/RMS)
 - LOCAL (COUNCIL)

JOB NO: **6117**
 PLAN NO: **MP 694**
 AUTHOR: **THIOLEN NAIDOO**
 CERT: **0030490926**
 DATE: **08/11/2017**
 SIGN: *[Signature]*
 REV:
 DATE:
 SCALE: **N.T.S**

PURPOSE OF USAGE	RECOMMENDED MAXIMUM SPACING OF CONES AND BOLLARDS		RECOMMENDED TAPER LENGTHS				
	APPROACH SPEED km/h	MAX SPACING (m)	APPROACH SPEED (km/h)	TRAFFIC CONTROL AT START	LATERAL SHIFT TAPER	MERGE TAPER	
All purposes on residential or commercial streets	<= 50	4	< 45	15	0	15	
Center-line on approach to Traffic Controller position	All cases	4	46 - 55	15	15	30	
Outer edge of traffic line - i.e. working on shoulder	51-70 / >70	18 / 24	56 - 65	30	30	60	
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