



Transport
Roads & Maritime
Services

BAULKHAM HILLS SHIRE COUNCIL AREA

MR624 - MEMORIAL AVENUE UPGRADE

OLD WINDSOR ROAD TO WINDSOR ROAD, KELLYVILLE

LANDSCAPE AND URBAN DESIGN



LOCALITY PLAN
NOT TO SCALE

ACCEPTED FOR CONSTRUCTION



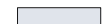
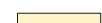











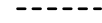




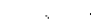




EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	CLIENT			THE HILLS SHIRE COUNCIL		A3	
		A	11.06.2020	CONSTRUCTION				SCALES ON A3 SIZE DRAWING DRAWINGS / DESIGN PREPARED BY CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD	Transport Roads & Maritime Services			MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING COVER SHEET			
									PREPARED FOR 			RMS REGISTRATION No. DS2015 / 002302			
									TITLE DRAWN DRG CHECK DESIGN DESIGN CHECK DESIGN MNGR PROJECT MNGR			NAME DATE Andrew Scoufis 11/06/2020 Todd Cook 11/06/2020 Andrew Scoufis 11/06/2020 Todd Cook 11/06/2020 Michael Wright 11/06/2020 Michael Wright 11/06/2020		ISSUE STATUS FOR CONSTRUCTION EDMS No. SHEET No. LD-0000 ISSUE A	

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LEGEND

-  EXISTING CADASTRAL BOUNDARY
 -  PROPOSED ROAD BOUNDARY
 -  CONCRETE PAVEMENT
 -  PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 -  RETAINING WALL TYPE 1 (CUT)
 -  RETAINING WALL TYPE 2 (FILL)
 -  PLANT MIX 1 - NATIVE GRASSES
 -  PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 -  PLANT MIX 3 - RIPARIAN PLANTING
 -  PLANT MIX 4 - SWALE PLANTING
 -  PLANT MIX 5 - VERGE PLANTING
 -  PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 -  PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 -  TURF
 -  EXISTING CREEK
 -  SPADE EDGE
 -  ROOT BARRIER
 -  F TYPE BARRIER. REFER FURNITURE PACKAGE
 -  ROCK MATTRESS. REFER DRAINAGE PACKAGE
 -  LIGHTING. REFER TO LIGHTING PACKAGE
 -  EXISTING TREES TO BE RETAINED
 -  PROPOSED TREES
 -  TREES TO BE REMOVED
 -  SIGNAGE. REFER TO SIGNAGE PACKAGE
 -  CULVERT. REFER DRAINAGE PACKAGE
- NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.

GENERAL NOTES

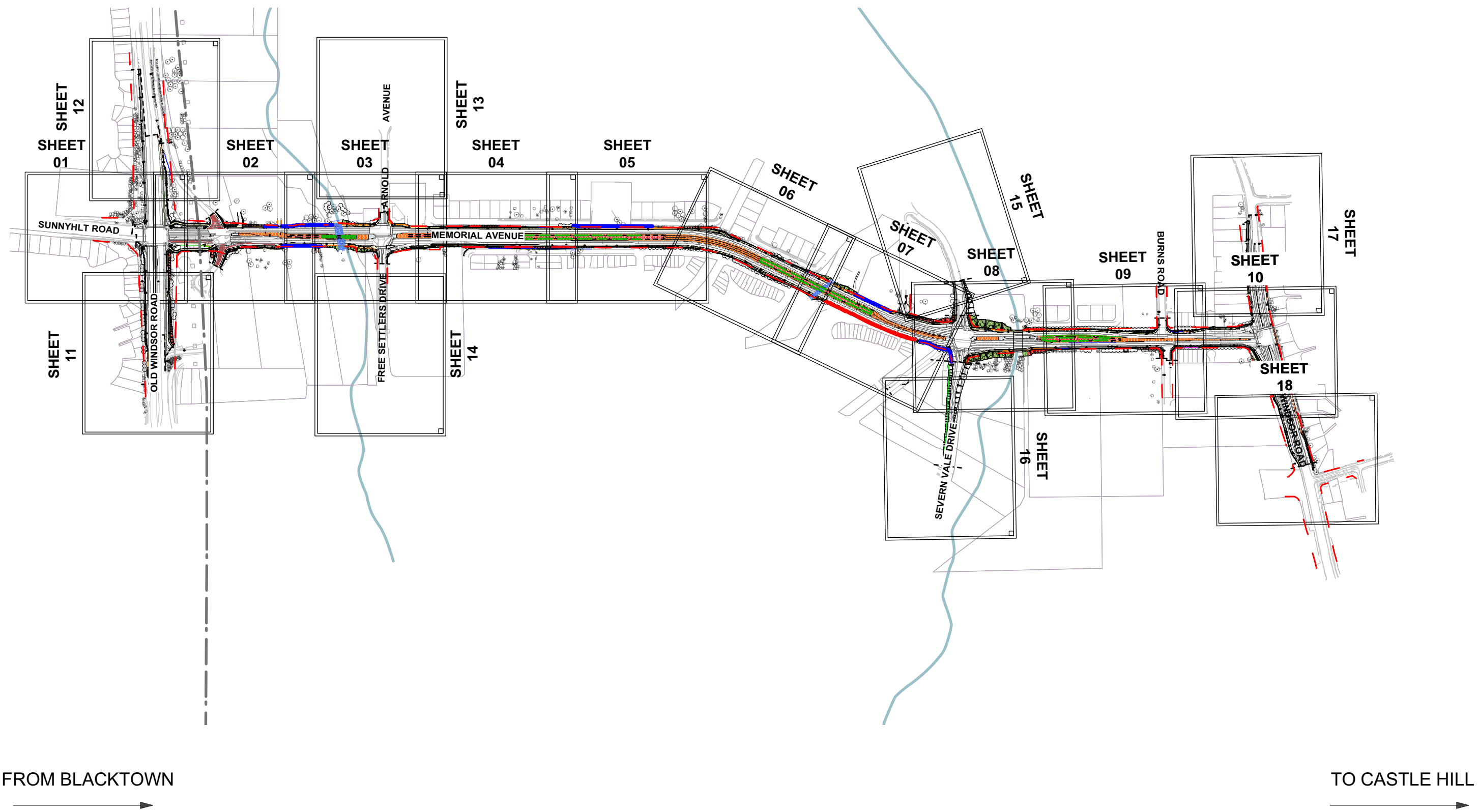
1. THE DRAWINGS ARE TO BE READ IN ASSOCIATION WITH THE ENGINEER'S DRAWINGS AND REPORTS INCLUDING: ROAD ALIGNMENT AND EARTHWORKS, DRAINAGE, SIGNS AND LINE MARKING, BRIDGES AND STRUCTURAL.
2. THE LANDSCAPE WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE ROADS AND MARITIME SCOPE OF WORKS, SPECIFICATION AND TECHNICAL CRITERIA.
3. FOR PLANTING MIXES REFER TO PLANTING SCHEDULES ON LD-0003 AND ROADS AND MARITIME SPECIFICATION R179.
4. REFER TO DIAL BEFORE YOU DIG DOCUMENTS, ENGINEER'S DOCUMENTS AND SURVEY FOR LOCATIONS OF ALL SERVICES. EXACT LOCATIONS SHALL BE CONFIRMED ON SITE PRIOR TO COMMENCING LANDSCAPE WORKS.
5. FINAL EXTENT OF WORKS TO BE DETERMINED ON SITE PRIOR TO COMMENCING LANDSCAPE WORKS. DO NOT UNDERTAKE LANDSCAPE WORKS OUTSIDE ROAD CORRIDOR BOUNDARY WITHOUT OBTAINING PERMISSION FROM THE PRINCIPAL.
6. DURING THE MAINTENANCE PERIOD ALL NON-FRANGIBLE SPECIES ARE TO BE REMOVED IF OCCURRING WITHIN 5M FROM THE RUNNING LANE WHERE NO BARRIER PRESENT. THIS NOTE TAKES PRECEDENCE OVER ANY DISTANCES INDICATED ON THE DRAWINGS, UNLESS LANDSCAPE FEATURES WITHIN THIS DISTANCE PROVIDES A NATURAL BARRIER. IE. MOUNDING AND HAS BEEN DEEMED APPROPRIATE BY ROADS AND MARITIME SAFETY INSPECTION.
7. NON-FRANGIBLE PLANT DEFLECTION ZONE OF 1.2 METERS BEHIND WIRE ROPE SAFETY BARRIERS SHALL BE MAINTAINED. ANY NON-FRANGIBLE PLANT SPECIES OCCURRING INSIDE THIS AREA SHALL BE REMOVED DURING THE MAINTENANCE PERIOD.
8. ALL CONSTRUCTION AREAS ARE TO BE RESTORED TO SATISFACTION OF PRINCIPAL'S REPRESENTATIVE UPON COMPLETION OF THE WORKS.
9. ENSURE ALL NON-FRANGIBLE RE VEGETATION MIXES ARE A MINIMUM 15M CLEAR OF ABOVE GROUND OVERHEAD POWERLINES. ANY NON-FRANGIBLE SPECIES GROWING INSIDE THIS AREA SHALL BE REMOVED DURING THE MAINTENANCE PERIOD.
10. DURING THE MAINTENANCE PERIOD ENSURE SIGHT LINES ARE MAINTAINED AND THAT VEGETATION DOES NOT EXCEED A HEIGHT OF 500MM WITHIN THE DESIGNATED ZONES.
11. REFER CONSTRUCTION MANAGEMENT DRAWINGS FOR REMEDIATION OF STOCKPILE SITES.
12. REFER TREE PLANTING NOTES FOR DETAILED TREE PLACEMENT.
13. CONTRACTOR TO CONFIRM THE LOCATION OF ALL EXISTING AND NEW UNDERGROUND AND OVERHEAD SERVICES PRIOR TO EXCAVATION AND PLANTING OF TREES.
14. ROOT BARRIER TO BE 'ROOTSTOP' (RS10-450) AS SUPPLIED BY CITYGREEN. INSTALL AS PER MANUFACTURER'S RECOMMENDATION.
15. STABILISE ALL SLOPES STEEPER THAN 1V:2H USING ORGANIC JUTE FIBRE MESH IN ACCORDANCE WITH R179.

ACCEPTED FOR CONSTRUCTION

DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING					CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING DRAWING INDEX AND NOTES		A3		
EXTERNAL REFERENCE FILES		REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE	 Transport Roads & Maritime Infrastructure	
									DRAWN	Andrew Scoufis	11/06/2020		
									DRG CHECK	Todd Cook	11/06/2020		
									DESIGN	Andrew Scoufis	11/06/2020		
									DESIGN CHECK	Todd Cook	11/06/2020		
									DESIGN MNGR	Michael Wright	11/06/2020		
									PROJECT MNGR	Michael Wright	11/06/2020		
								PREPARED FOR		RMS REGISTRATION No. DS2015 / 002302			
										ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
										FOR CONSTRUCTION		LD-0001	A

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REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE	 Transport Roads & Maritime Services
A	02.06.2020	Issue for tender				spackman mossop michaels	DRAWN	Andrew Scoufifs	02/06/2020	
E	12.05.2016	100% Detailed Design Review					DRG CHECK	Todd Cook	02/06/2020	
F	24.06.2016	Issued for final design					DESIGN	Andrew Scoufifs	02/06/2020	
G	20.12.2016	Final design revision					DESIGN CHECK	Todd Cook	02/06/2020	
H	14.02.2017	Final design revision					DESIGN MNGR	Michael Wright	02/06/2020	
I	14.11.2018	Contract Documents Issue					PROJECT MNGR	Michael Wright	02/06/2020	
J	24.06.2019	Issued for Tender			CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	PREPARED FOR		RMS REGISTRATION No. DS2015 / 002302	
K	27.03.2020	Issued for Tender							ISSUE STATUS FOR CONSTRUCTION	
								EDMS No.	SHEET No. LD-0002	ISSUE K

PLANTING SCHEDULE WORKS INSIDE PROJECT BOUNDARY

BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING (m)	QTY
TREES				
TREES-MEDIAN				
<i>Cassuarina cunninghamiana</i>	River She Oak	25L	As shown	9
<i>Corymbia maculata</i>	Spotted Gum	25L	As shown	95
			Subtotal	104
TREES-NATIVE ROADSIDE				
<i>Cassuarina cunninghamiana</i>	River She Oak	25L	7	15
<i>Corymbia maculata</i>	Spotted Gum	25L	7	32
<i>Eucalyptus crebra</i>	Narrow leaved ironbark	25L	7	26
<i>Eucalyptus eugenioides</i>	Thin Leaved Stringybark	25L	7	40
<i>Eucalyptus microcorys</i>	Tallowood	25L	7	4
<i>Eucalyptus molucanna</i>	Grey Box	25L	7	14
<i>Eucalyptus tereticornis</i>	Forest Red Gum	25L	7	13
			Subtotal	144
TREES-GATEWAY				
<i>Araucaria cunninghamii</i>	Hoop Pine	25L	As shown	8
			Subtotal	8

SHRUBS, GROUNDCOVERS AND GRASSES

BOTANICAL NAME	COMMON NAME	%	CONTAINER SIZE	RATE / m2	QTY
PLANT MIX (PM1) NATIVE GRASSES					6294
<i>Austrodanthonia tenuior</i>	Wallaby Grass	15	Tube 50x90mm	4	3777
<i>Imperata cylindrica</i>	Blady Grass	17	Tube 50x90mm	4	4280
<i>Lomandra confertifolia</i>	Mat-rush	17	Tube 50x90mm	4	4280
<i>Lomandra longifolia 'Katrinus'</i>	Spiny-headed Mat-Rush	17	Tube 50x90mm	4	4280
<i>Lomandra longifolia 'Shara'</i>	Shara	17	Tube 50x90mm	4	4280
<i>Poa labillardieri</i>	Tussock Grass	17	Tube 50x90mm	4	4280
			TOTAL		25177

PLANT MIX (PM2) NATIVE GRASSES AND LOW SHRUBS

					AREA	13192
SHRUBS						
<i>Austrodanthonia tenuior</i>	Wallaby Grass	15	Tube 50x90mm	2	3958	
<i>Dillwynia tenuifolia</i>	Coastal Parrot-Pea	15	Tube 50x90mm	2	3958	
<i>Grevillea juniperina 'Gold Cluster'</i>	Grevillea 'Gold Cluster'	15	Tube 50x90mm	2	3958	
<i>Melaleuca thymifolia</i>	Thyme Honey-myrtle	15	Tube 50x90mm	2	3958	
GRASSES & GROUNDCOVERS						
<i>Austrodanthonia tenuior</i>	Wallaby Grass	5	Tube 50x90mm	4	2638	
<i>Hardenbergia violacea 'Mini Ha Ha'</i>	Purple Twining-pea	5	Tube 50x90mm	4	2638	
<i>Imperata cylindrica</i>	Blady Grass	5	Tube 50x90mm	4	2638	
<i>Lomandra confertifolia</i>	Mat-rush	5	Tube 50x90mm	4	2638	
<i>Lomandra longifolia 'Katrinus'</i>	Spiny-headed Mat-Rush	5	Tube 50x90mm	4	2638	
<i>Lomandra longifolia 'Shara'</i>	Shara	5	Tube 50x90mm	4	2638	
<i>Poa labillardieri</i>	Tussock Grass	5	Tube 50x90mm	4	2638	
<i>Themeda australis</i>	Kangaroo Grass	5	Tube 50x90mm	4	2638	
			TOTAL		36937	

PLANT MIX (PM3) RIPARIAN PLANTING

					AREA	91
*	<i>Juncus usitatus</i>	Common Rush	20	Tube 50x90mm	4	73
*	<i>Lomandra filiformis</i>	Wattle Mat-rush	20	Tube 50x90mm	4	73
*	<i>Lomandra longifolia</i>	Mat-Rush	20	Tube 50x90mm	4	73
*	<i>Microlaena stip. var. stipoides</i>	Weeping Grass	20	Tube 50x90mm	4	73
*	<i>Themeda australis</i>	Kangaroo Grass	20	Tube 50x90mm	4	73
				TOTAL		364

* = conforms with species listed in Sydney Water's 'Stormwater connections to natural waterways - Rouse Hill Development Area'
 Note: Themeda to be planted on raised embankments only, ie not in areas that may be periodically inundated.

PLANT MIX (PM4) SWALE PLANTING

					AREA	238
<i>Dianella caerulea</i>	Blue Flax-lily	50	Tube 50x90mm	4	476	
<i>Lomandra longifolia</i>	Spiny-headed Mat-Rush	50	Tube 50x90mm	4	476	
			TOTAL		952	

PLANT MIX (PM5) VERGE PLANTING

					AREA	150
<i>Lomandra longifolia 'Katrinus'</i>	Spiny-headed Mat-Rush	100	Tube 50x90mm	4	599	
			TOTAL		599	

TURF

					AREA	16358
<i>Zoysia empire</i>	Zoysia Empire	-	-	-	16358	
			TOTAL		16358	

Note: Landscape sub-contractor is to place plant material order with nurseries as soon as possible due to unavailability of 25 L and some native grass planting stock due to shortages.

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EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE	RMS REGISTRATION No. DS2015 / 002302	
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						CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD		DRG CHECK	Todd Cook	11/06/2020	FOR CONSTRUCTION	
									DESIGN	Andrew Scoufis	11/06/2020	SHEET No.	LD-0003
									DESIGN CHECK	Todd Cook	11/06/2020	ISSUE	A
									DESIGN MNGR	Michael Wright	11/06/2020		
									PROJECT MNGR	Michael Wright	11/06/2020		

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PLANTING SCHEDULE WORKS OUTSIDE PROJECT BOUNDARY

BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING (m)	QTY
HILLS SHIRE COUNCIL				
TREES-NATIVE ROADSIDE				
<i>Eucalyptus crebra</i>	Narrow leaved ironbark	25L	7	7
<i>Eucalyptus eugenioides</i>	Thin Leaved Stringybark	25L	7	34
<i>Eucalyptus tereticornis</i>	Forest Red Gum	25L	7	23
			Subtotal	64
TREES-EXOTIC ROADSIDE				
<i>Fraxinus 'Raywood'</i>	Claret Ash	25L	7	20
			Subtotal	20

SYDNEY WATER

BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING (m)	QTY
TREES-NATIVE ROADSIDE				
* <i>Eucalyptus tereticornis</i>	Forest Red Gum	25L	7	12
* <i>Eucalyptus molucana</i>	Grey Box	25L	7	7
* <i>Cassuarina cunninghamiana</i>	River She Oak	25L	7	14
			Subtotal	36

LOT 2 DP 1087781 (FABCOT PTY LIMITED). CORNER OF MEMORIAL AVENUE AND SEVERN VALE ROAD

BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING (m)	QTY
TREES-NATIVE ROADSIDE				
<i>Corymbia maculata</i>	Spotted Gum	25L	7	4
			Subtotal	4

LOT 1001 DP 1172742 (PEARCE HOLDINGS) CORNER OF MEMORIAL AVENUE AND SEVERN VALE ROAD


BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	SPACING (m)	QTY
TREES-NATIVE ROADSIDE				
<i>Eucalyptus microcorys</i>	Tallowood	25L	7	8
			Subtotal	8

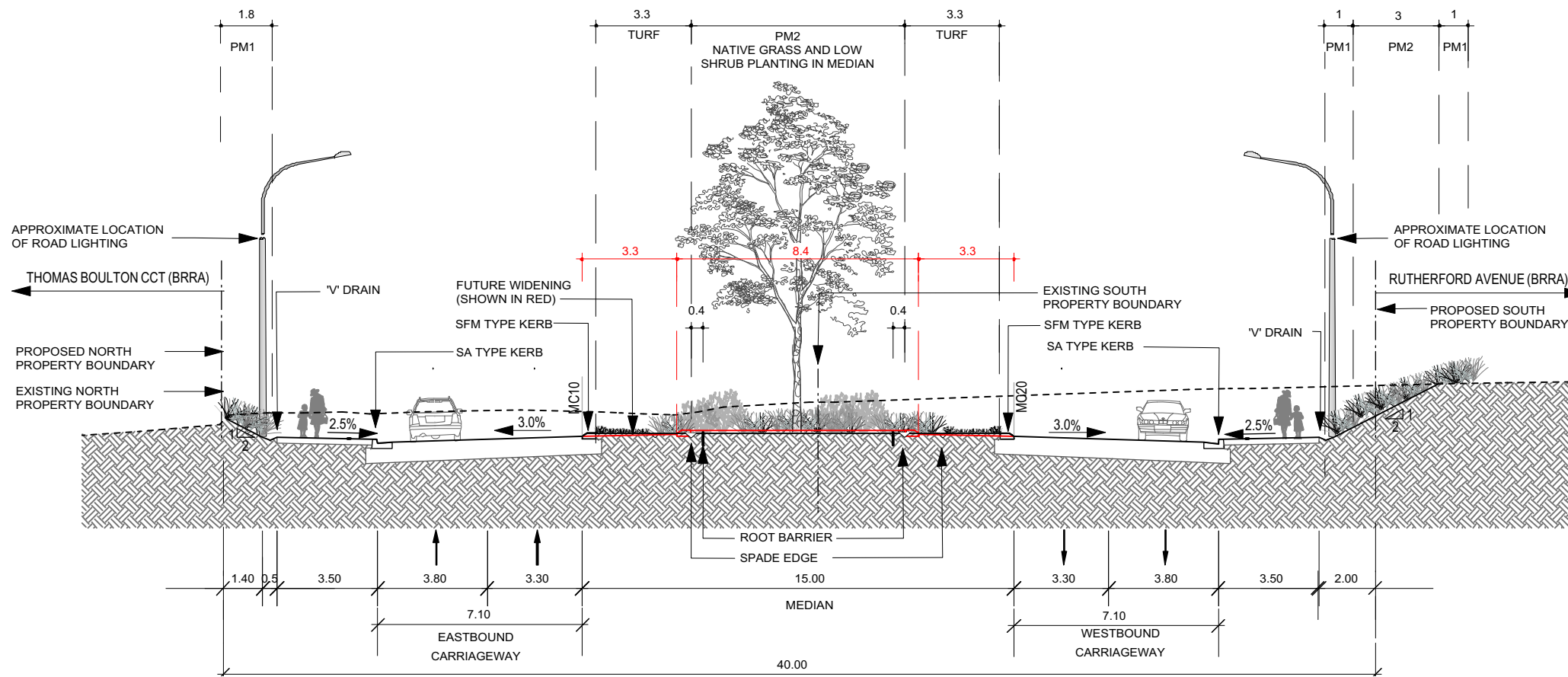
GROUNDCOVERS AND GRASSES

BOTANICAL NAME	COMMON NAME	%	CONTAINER SIZE	RATE / m2	QTY	
PLANT MIX (PM6) SWALE PLANTING SYDNEY WATER LAND					AREA	1774
<i>Dianella longifolia</i>	Blue Flax-Lily	50	Tube 50x90mm	4	3549	
<i>Lomandra filif. subsp. filiformis</i>	Wattle Mat Rush	50	Tube 50x90mm	4	3549	
			TOTAL		7098	
PLANT MIX (PM7) EMBANKMENT PLANTING SYDNEY WATER LAND					AREA	4423
SHRUBS						
<i>Austrodanthonia tenuior</i>	Wallaby Grass	25	Tube 50x90mm	4	4423	
<i>Microlaena stip. var. stipoides</i>	Weeping Grass	25	Tube 50x90mm	4	4423	
<i>Poa labillardieri</i>	Tussock Grass	25	Tube 50x90mm	4	4423	
<i>Themeda australis</i>	Kangaroo Grass	25	Tube 50x90mm	4	4423	
			TOTAL		17694	

* = conforms with species listed in Sydney Water's 'Stormwater connections to natural waterways - Rouse Hill Development Area'

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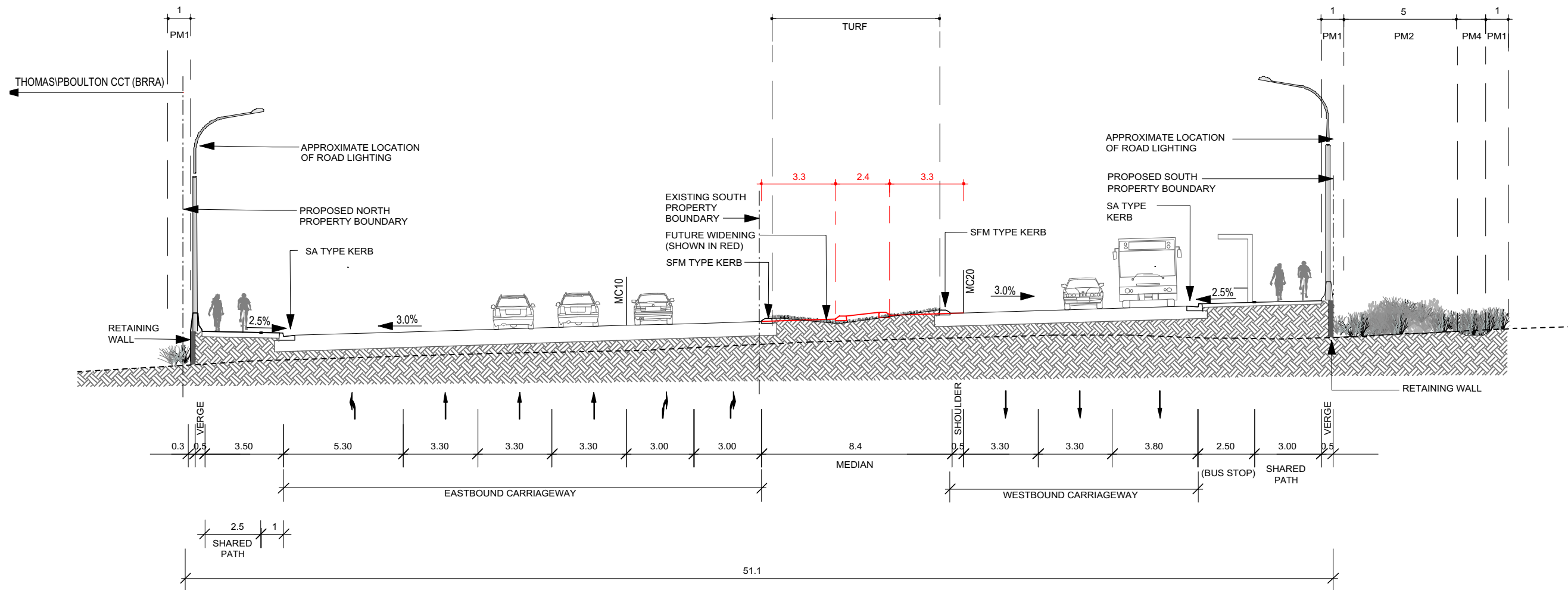


1 LANDSCAPE SECTION 01 CH 1880
SCALE 1:200

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SCALES ON A3 SIZE DRAWING							DRAWINGS / DESIGN PREPARED BY			TITLE			
0 5 m SCALE 1:200							spackman mossop michaels			DRAWN Andrew Scouffis 02/06/2020			
CO-ORDINATE SYSTEM MGA ZONE 56							HEIGHT DATUM AHD			DRG CHECK Todd Cook 02/06/2020			
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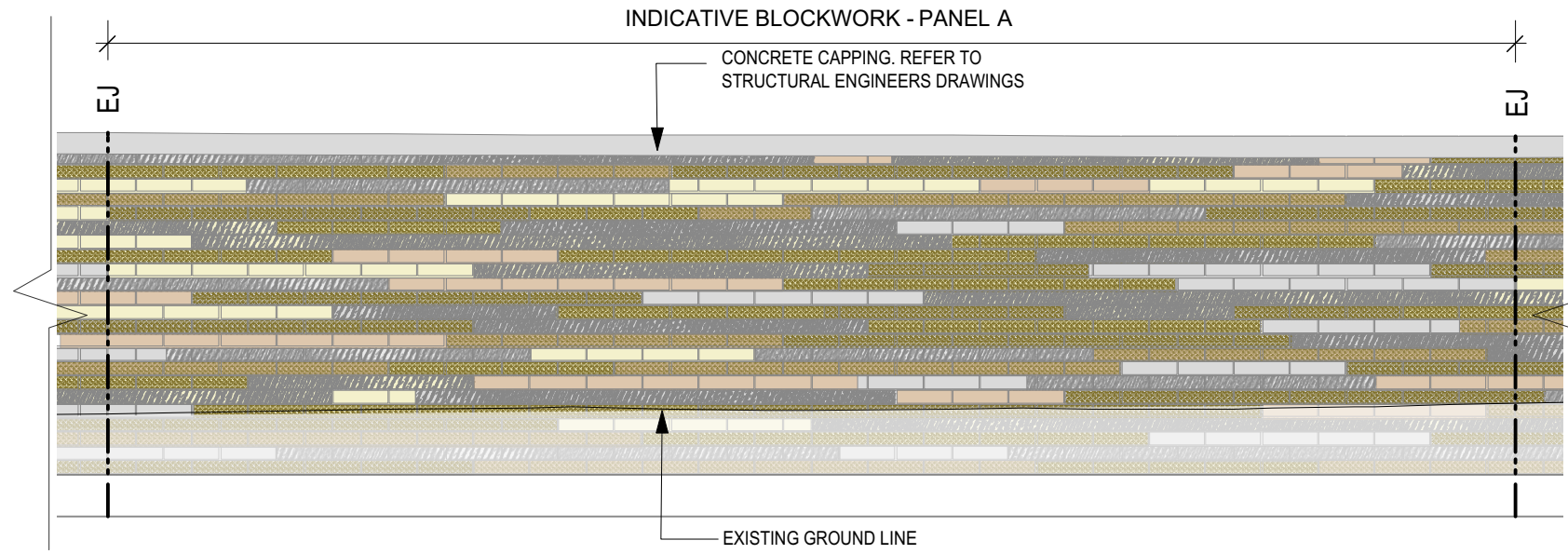


1 LANDSCAPE SECTION 02 CH 2740
SCALE 1:200

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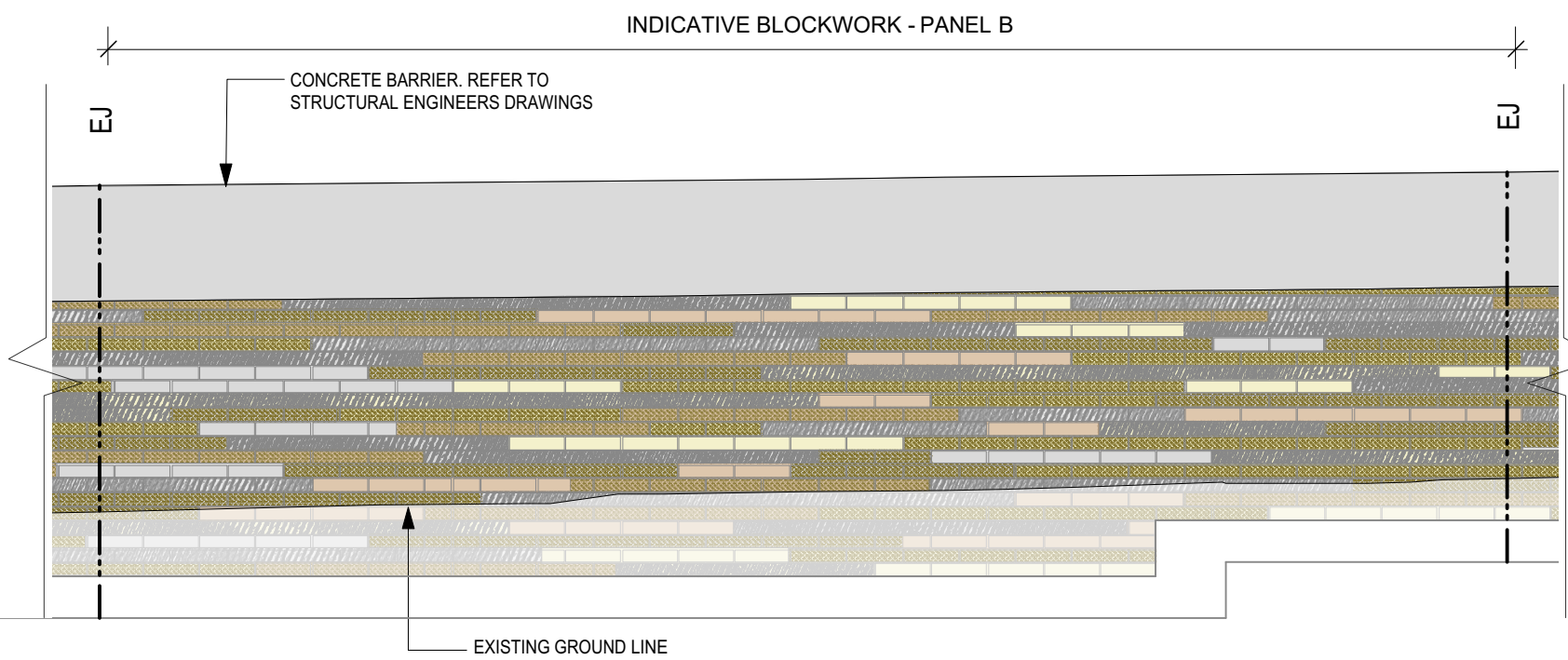
EXTERNAL REFERENCE FILES		REV A	DATE 02.06.2020	AMENDMENT / REVISION DESCRIPTION Approved for construction	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	DRAWINGS / DESIGN PREPARED BY			TITLE			CLIENT			THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE SECTIONS SHEET 2 OF 2			A3	
							SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY			TITLE			CLIENT			THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE SECTIONS SHEET 2 OF 2			A3		
							0 5 m SCALE 1:200	spackman mossop michaels			DRAWN Andrew Scouffis 02/06/2020			NSW GOVERNMENT Transport Roads & Maritime Services			RMS REGISTRATION No. DS2015 / 002302					
							CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD			DRG CHECK Todd Cook 02/06/2020			PREPARED FOR Beca			ISSUE STATUS FOR CONSTRUCTION			EDMS No.	SHEET No. LD-0006	ISSUE A
											DESIGN ANDREW SCOUFFIS 02/06/2020											
											DESIGN CHECK Todd Cook 02/06/2020											
											DESIGN MNGR Michael Wright 02/06/2020											
											PROJECT MNGR Michael Wright 02/06/2020											

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED 50mm ON A3 SIZE ORIGINAL



CONCRETE BLOCKWORK					
REFERENCE	PRODUCT	COLOUR	FINISH	SIZE	% MIX
	AUSTRAL MASONRY 100MM SERIES.	LIMESTONE	SMOOTH	90x90x390mm	7%
	AUSTRAL MASONRY 100MM SERIES.	LIMESTONE	HONED	90x90x390mm	14%
	AUSTRAL MASONRY 100MM SERIES.	LIMESTONE	SPLIT FACE	105x90x390mm	13%
	AUSTRAL MASONRY 100MM SERIES.	NICKEL	SMOOTH	90x90x390mm	6%
	AUSTRAL MASONRY 100MM SERIES.	NICKEL	HONED	90x90x390mm	14%
	AUSTRAL MASONRY 100MM SERIES.	NICKEL	SPLIT FACE	105x90x390mm	13%
	AUSTRAL MASONRY 100MM SERIES.	PEBBLE	SMOOTH	90x90x390mm	6%
	AUSTRAL MASONRY 100MM SERIES.	PEBBLE	HONED	90x90x390mm	14%
	AUSTRAL MASONRY 100MM SERIES.	PEBBLE	SPLIT FACE	105x90x390mm	13%

1 BLOCK WALL - INDICATIVE CONCRETE BLOCK LAYOUT PATTERN - PANEL A
SCALE 1:50

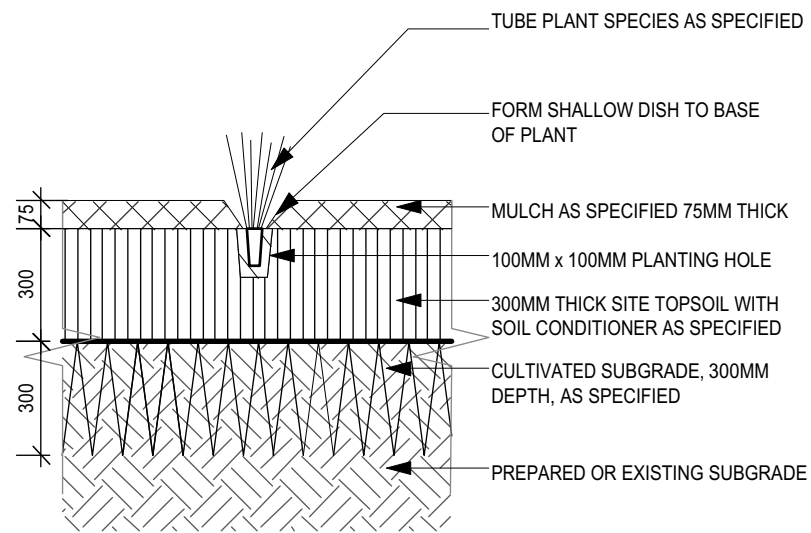


2 BLOCK WALL - INDICATIVE CONCRETE BLOCK LAYOUT PATTERN - PANEL B
SCALE 1:50

ACCEPTED FOR CONSTRUCTION

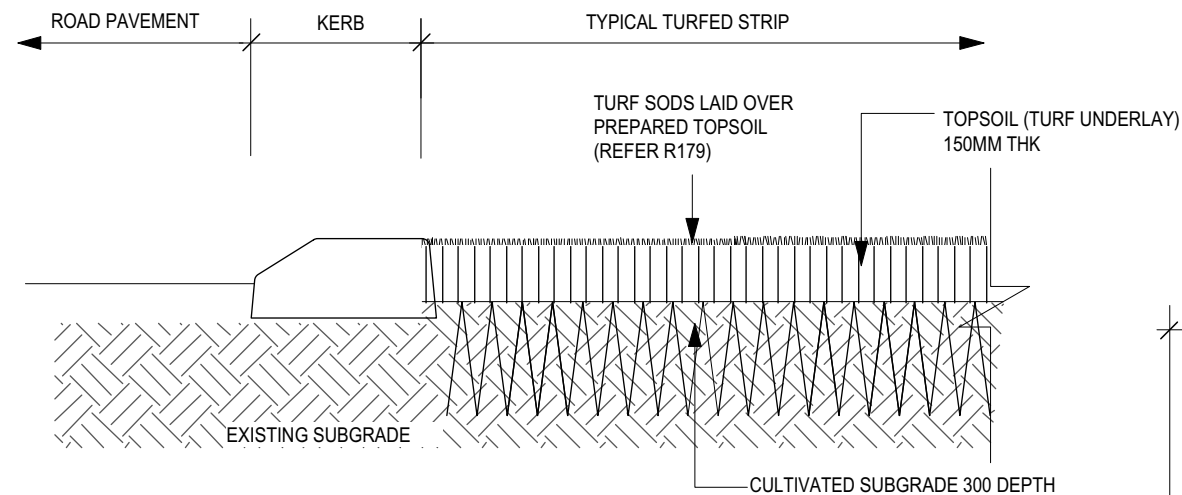
THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED 50mm ON A3 SIZE ORIGINAL

EXTERNAL REFERENCE FILES		REV A	DATE 02.06.2020	AMENDMENT / REVISION DESCRIPTION Concrete Block Construction	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	CLIENT NSW GOVERNMENT Transport Roads & Maritime Services			THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING CONCRETE BLOCK WALL ELEVATIONS		A3			
SCALES ON A3 SIZE DRAWING 0 0.5 1.0 1.5 m SCALE 1:50							DRAWINGS / DESIGN PREPARED BY spackman mossop michaels			TITLE	NAME	DATE	RMS REGISTRATION No. DS2015 / 002302				
CO-ORDINATE SYSTEM MGA ZONE 56							HEIGHT DATUM AHD			DRAWN	Andrew Scoufis	02/06/2020	ISSUE STATUS FOR CONSTRUCTION		EDMS No.	SHEET No. LD-0007	ISSUE A
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										DESIGN	Andrew Scoufis	02/06/2020					
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										PROJECT MNGR	Michael Wright	02/06/2020					

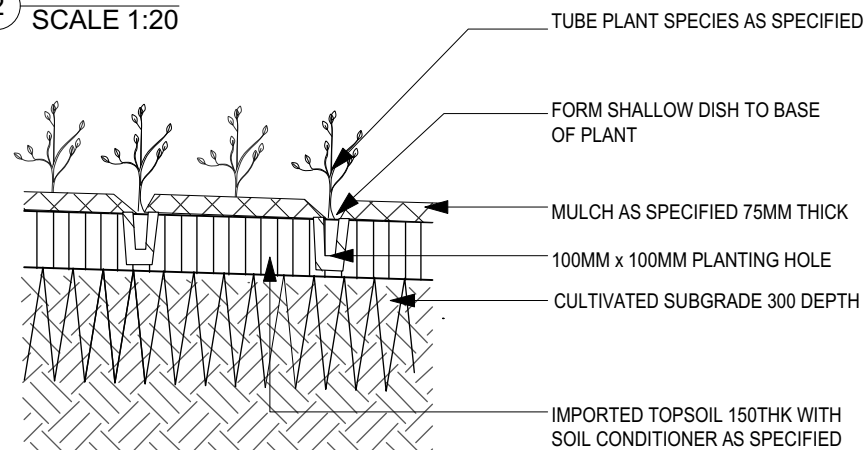


NOTE:
 1. REFER LANDSCAPE PLANS FOR PLANTING AREAS.
 2. PLANT SPACINGS AND POT SIZES OUTLINED IN SCHEDULES. REFER LD-0003.
 3. IF INSUFFICIENT SITE TOPSOIL, IMPORTED TOPSOIL TO BE USED IN MEDIAN AREAS FIRST
 4. PRE EMERGENT HERBICIDE APPLICATION BETWEEN SITE TOPSOIL AND MULCH LAYER IN ACCORDANCE WITH SPECIFICATION R179.

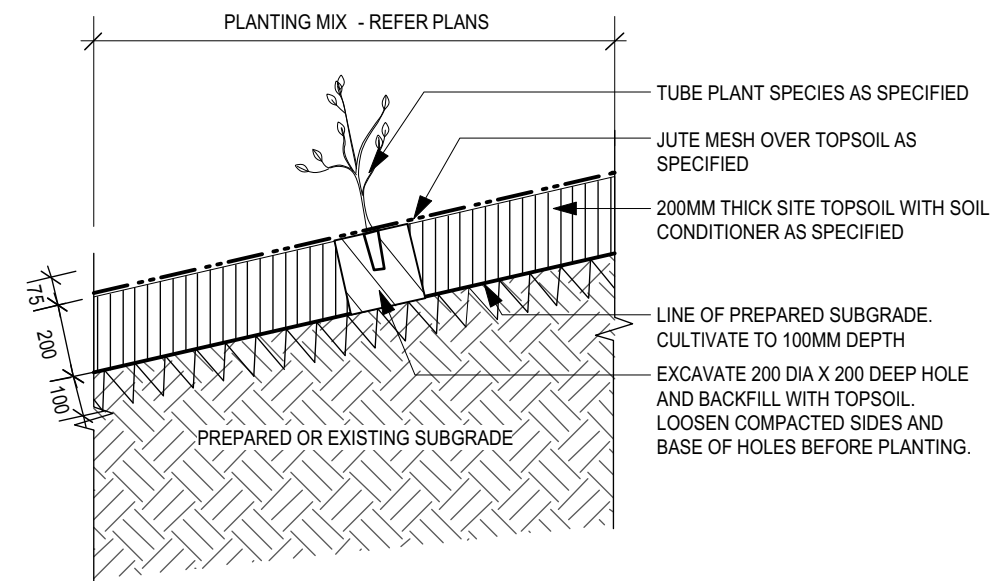
1 'TUBE' PLANTING IN ROADSIDE PLANTING ZONES
 SCALE 1:20



2 TURF
 SCALE 1:20

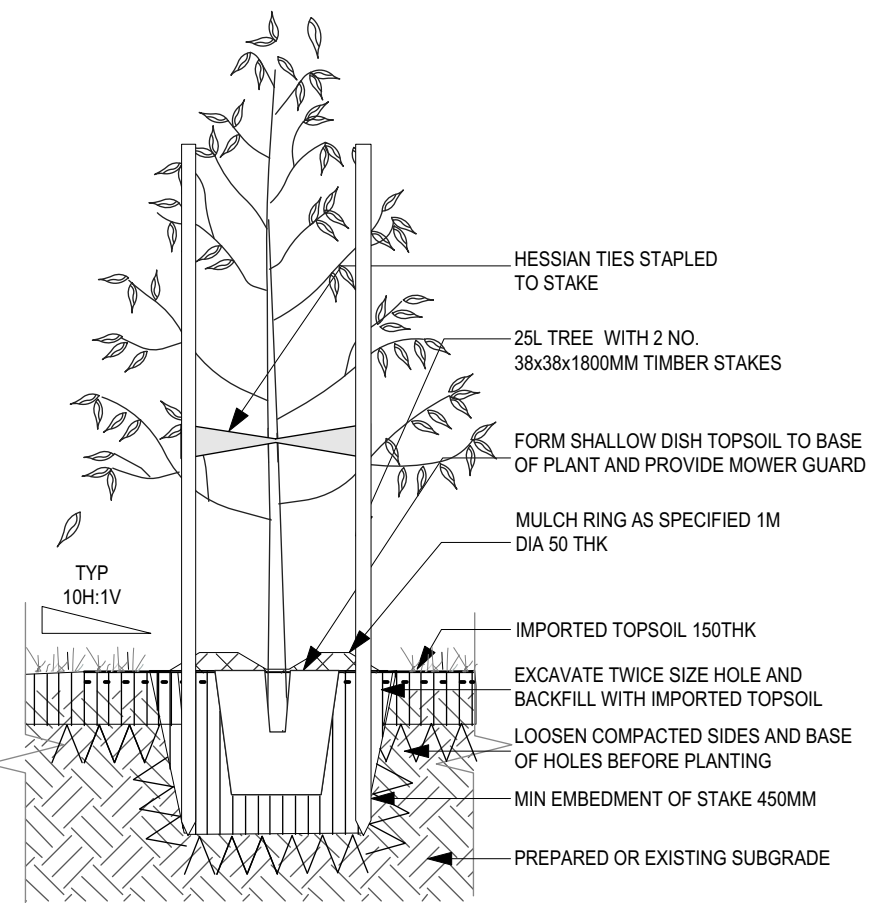


3 'TUBE' PLANTING IN MEDIAN
 SCALE 1:20

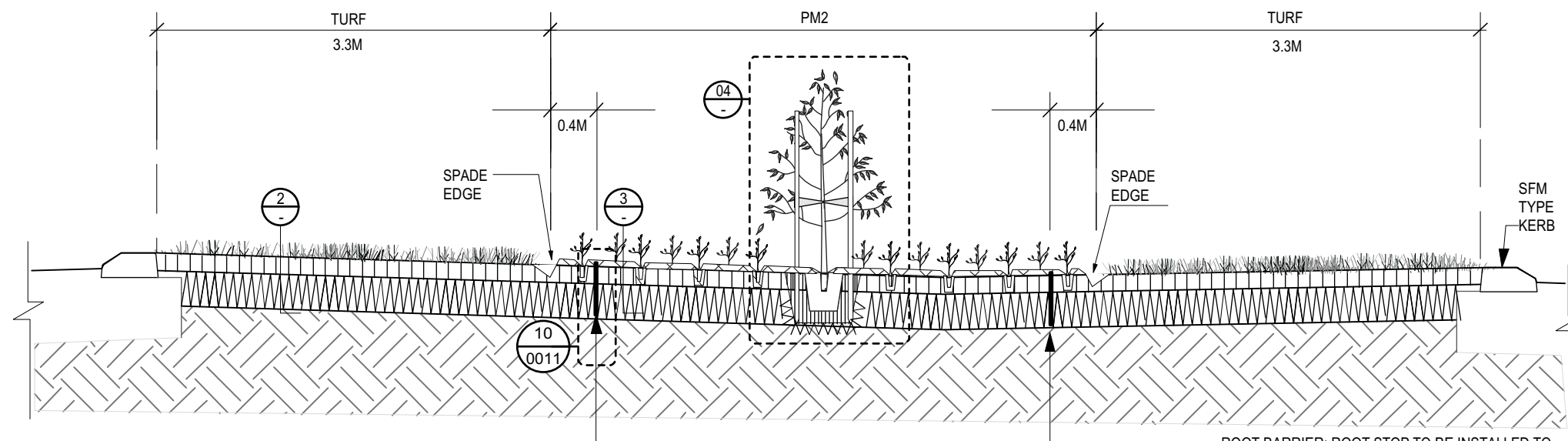


4 'TUBE' PLANTING ON 1V:2H SLOPES
 SCALE 1:20

6 [Drawing Title]
 Scale: 1:20



5 25L TREE PLANTING IN MEDIAN
 SCALE 1:20



NOTE: ENSURE DEEP CULTIVATION IS 300MM CLEAR OF SUBSOIL DRAINAGE. REFER TO ENGINEERS DRAWINGS FOR LOCATION.

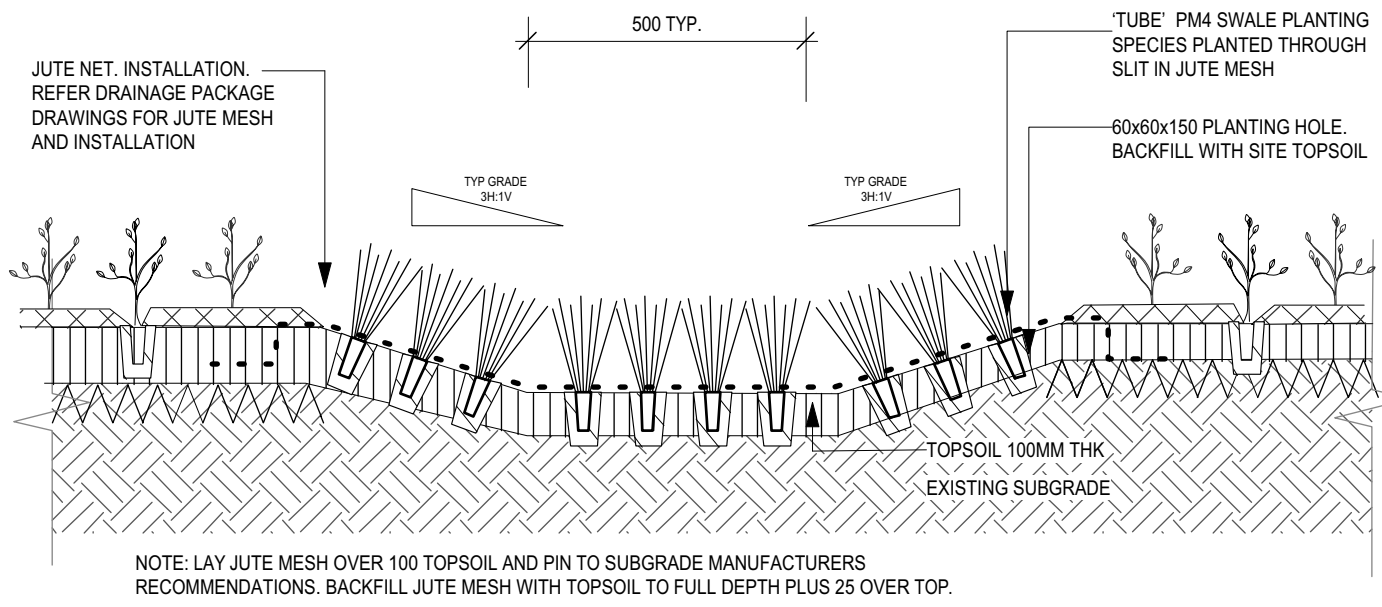
ROOT BARRIER: ROOT STOP TO BE INSTALLED TO MANUFACTURERS RECOMMENDATION. REFER PLAN FOR LOCATION. REFER GENERAL NOTES LD-001 FOR PRODUCT SPECIFICATION.

6 TYPICAL MEDIAN WITH TURF, MASS PLANTING AND TREE PLANTING
 SCALE 1:50

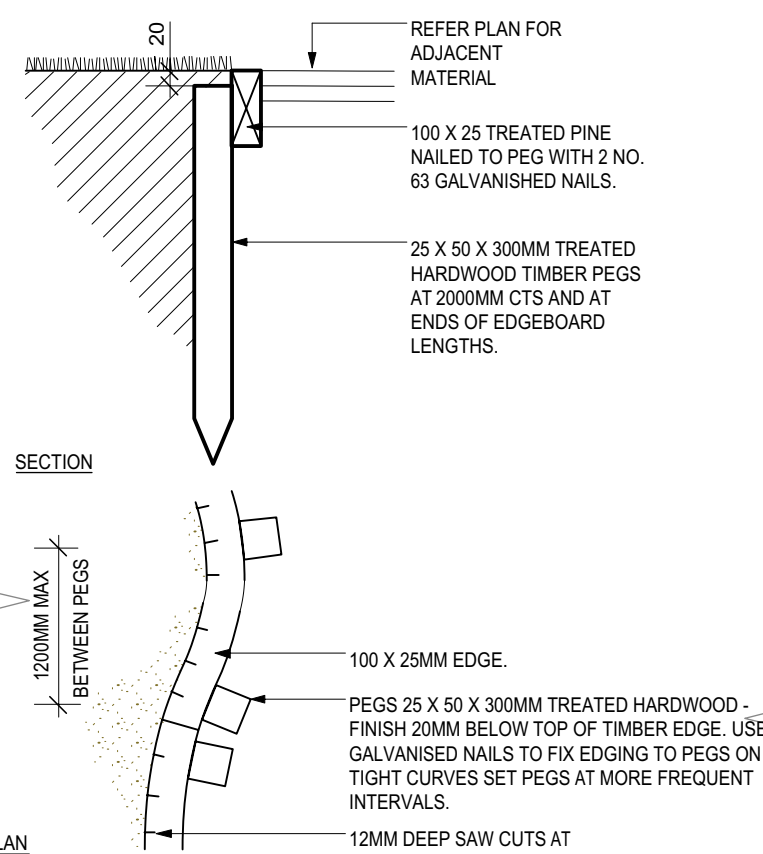
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REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE	
A	02.06.2020	Accepted for construction			0 0.5 1.0 1.5 m SCALE 1:50	spackman mossop michaels	DRAWN	Andrew Scoufils	02/06/2020	
					0 0.5 m SCALE 1:20		DRG CHECK	Todd Cook	02/06/2020	
					CO-ORDINATE SYSTEM MGA ZONE 56		DESIGN	Andrew Scoufils	02/06/2020	
					HEIGHT DATUM AHD		DESIGN CHECK	Todd Cook	02/06/2020	
							DESIGN MNGR	Michael Wright	02/06/2020	
							PROJECT MNGR	Michael Wright	02/06/2020	
							PREPARED FOR	Beca		
							NSW GOVERNMENT	Transport Roads & Maritime Services		
							RMS REGISTRATION No.	DS2015 / 002302		
							ISSUE STATUS	FOR CONSTRUCTION	EDMS No.	SHEET No. LD-0010
										ISSUE A

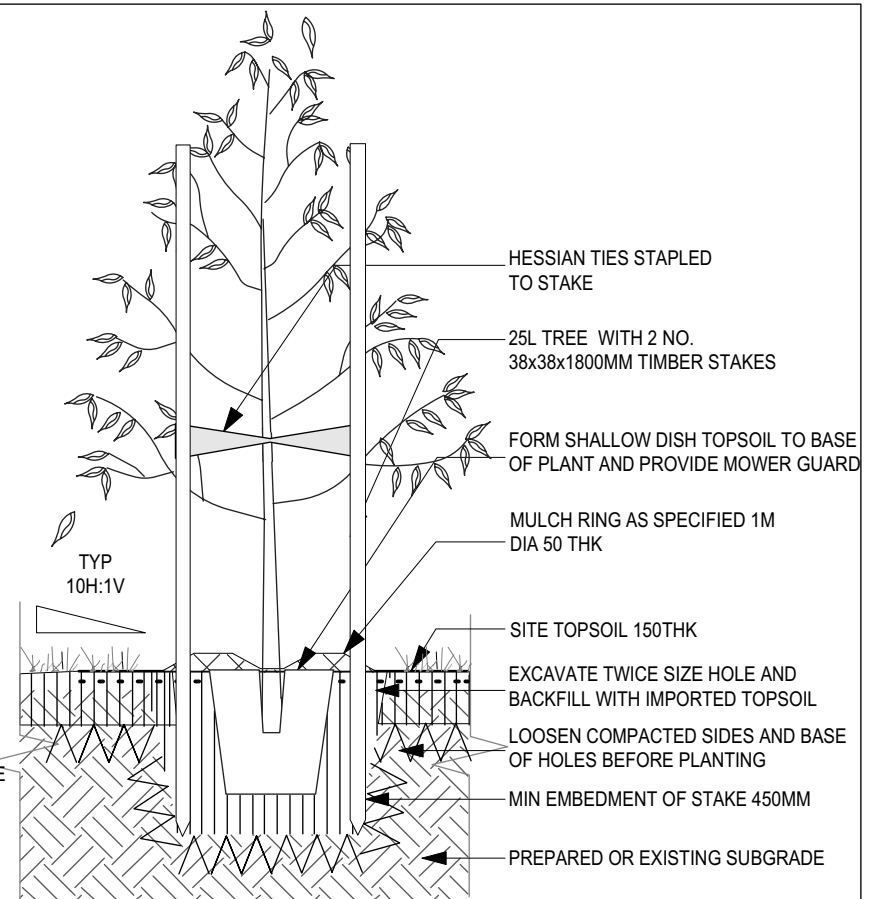
THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED FROM A 50mm ON A3 SIZE ORIGINAL



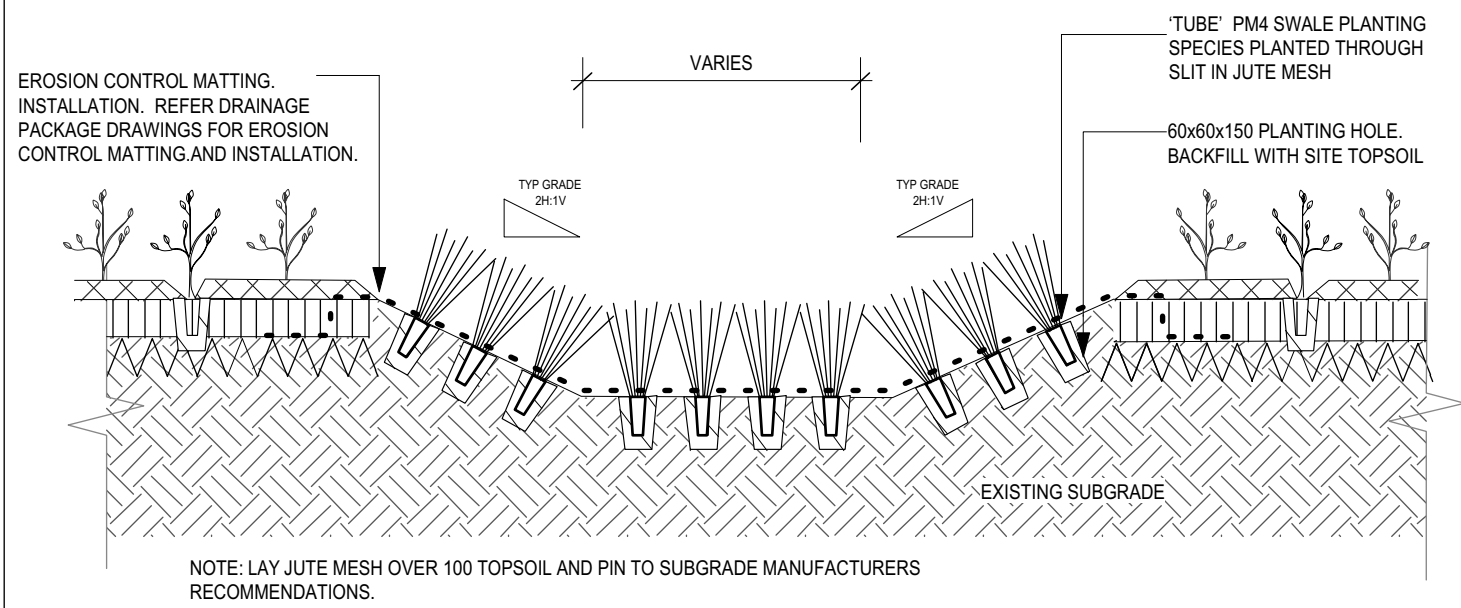
7 TYPICAL BIOSWALE PLANTING
SCALE 1:20



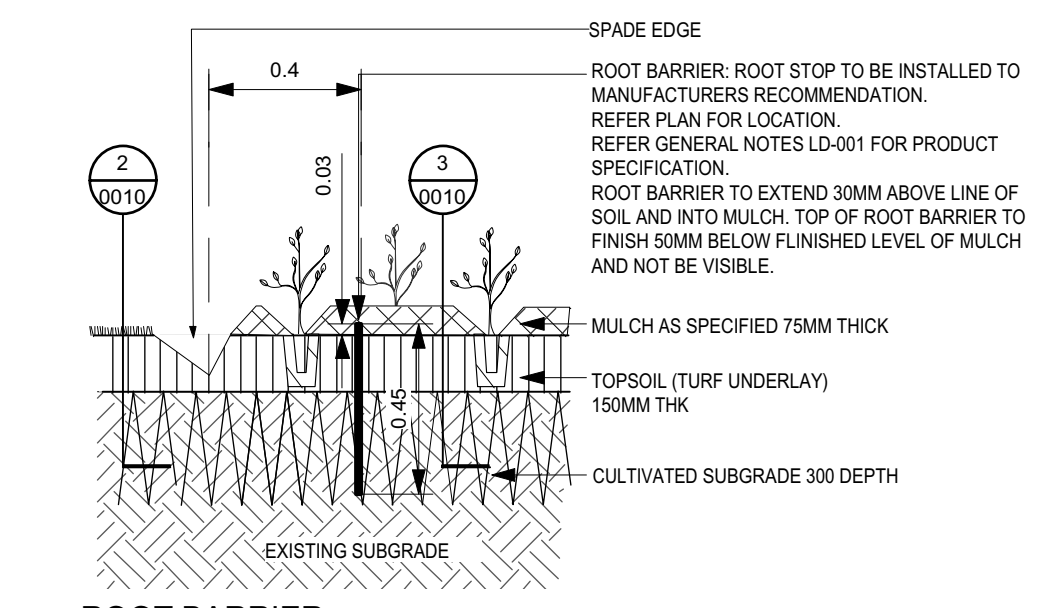
9 TIMBER EDGE
SCALE 1:10



10 25L TREE PLANTING IN ROADSIDE PLANTING ZONES
SCALE 1:10



8 TYPICAL DIVERSION EARTH CHANNEL
SCALE 1:20



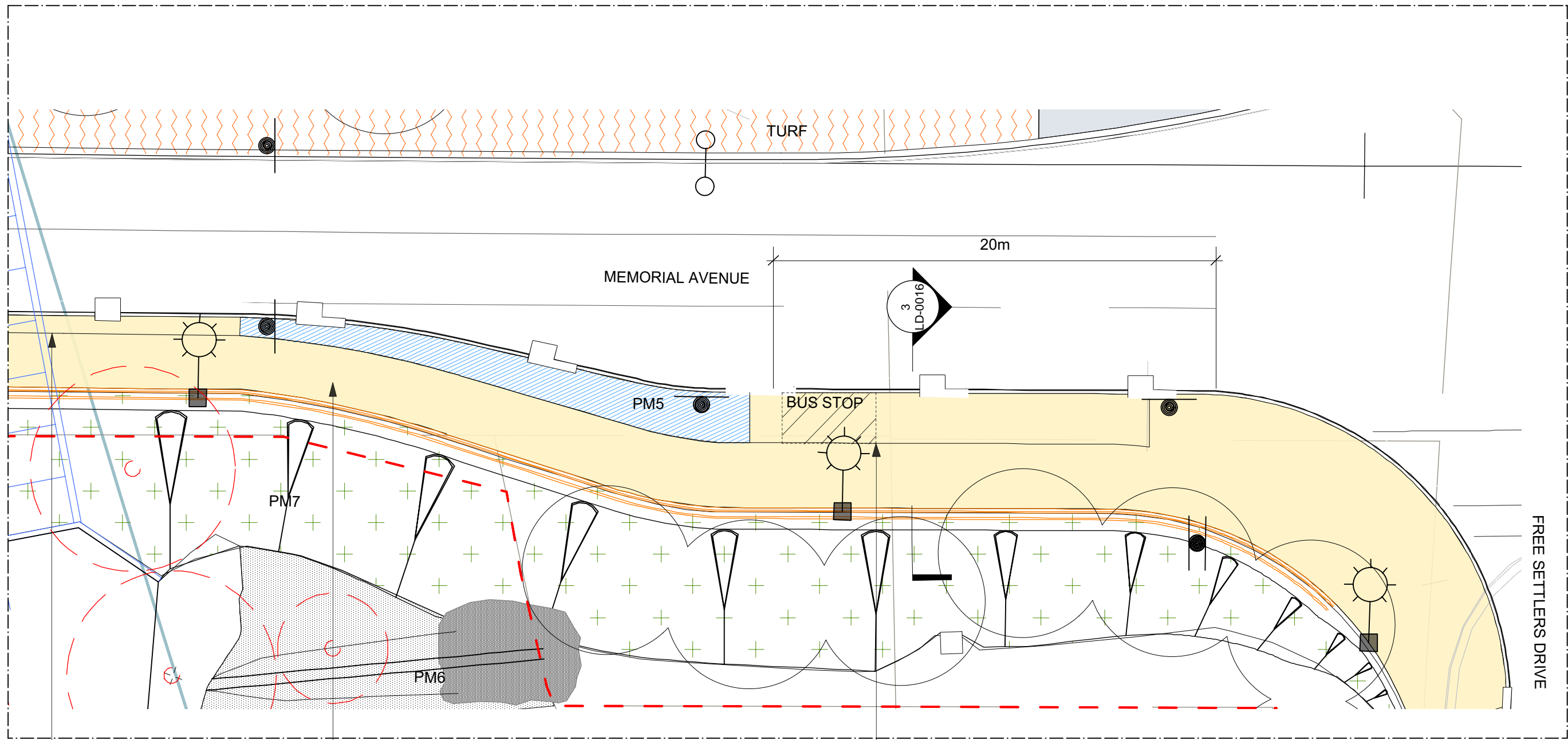
11 ROOT BARRIER
SCALE 1:10

ACCEPTED FOR CONSTRUCTION

EXTERNAL REFERENCE FILES		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	CLIENT			THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE DETAILS SHEET 2 OF 2		A3		
		A	02.06.2020	CONSTRUCTION				SCALES ON A3 SIZE DRAWING	Transport Roads & Maritime Services			RMS REGISTRATION No. DS2015 / 002302				
								0 0.15 0.25 0.5 m	DRAWINGS / DESIGN PREPARED BY spackman mossop michaels			ISSUE STATUS FOR CONSTRUCTION		EDMS No.	SHEET No. LD-0011	ISSUE A
								SCALE 1:10 CO-ORDINATE SYSTEM MGA ZONE 56	TITLE DRAWN Andrew Scoufils 02/06/2020 DRG CHECK Todd Cook 02/06/2020 DESIGN Andrew Scoufils 02/06/2020 DESIGN CHECK Todd Cook 02/06/2020 DESIGN MNGR Michael Wright 02/06/2020 PROJECT MNGR Michael Wright 02/06/2020			PREPARED FOR 		ISSUE DATE 02/06/2020		© Roads and Maritime Services

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THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL



LINEMARKING.
REFER TO LINEMARKING PACKAGE

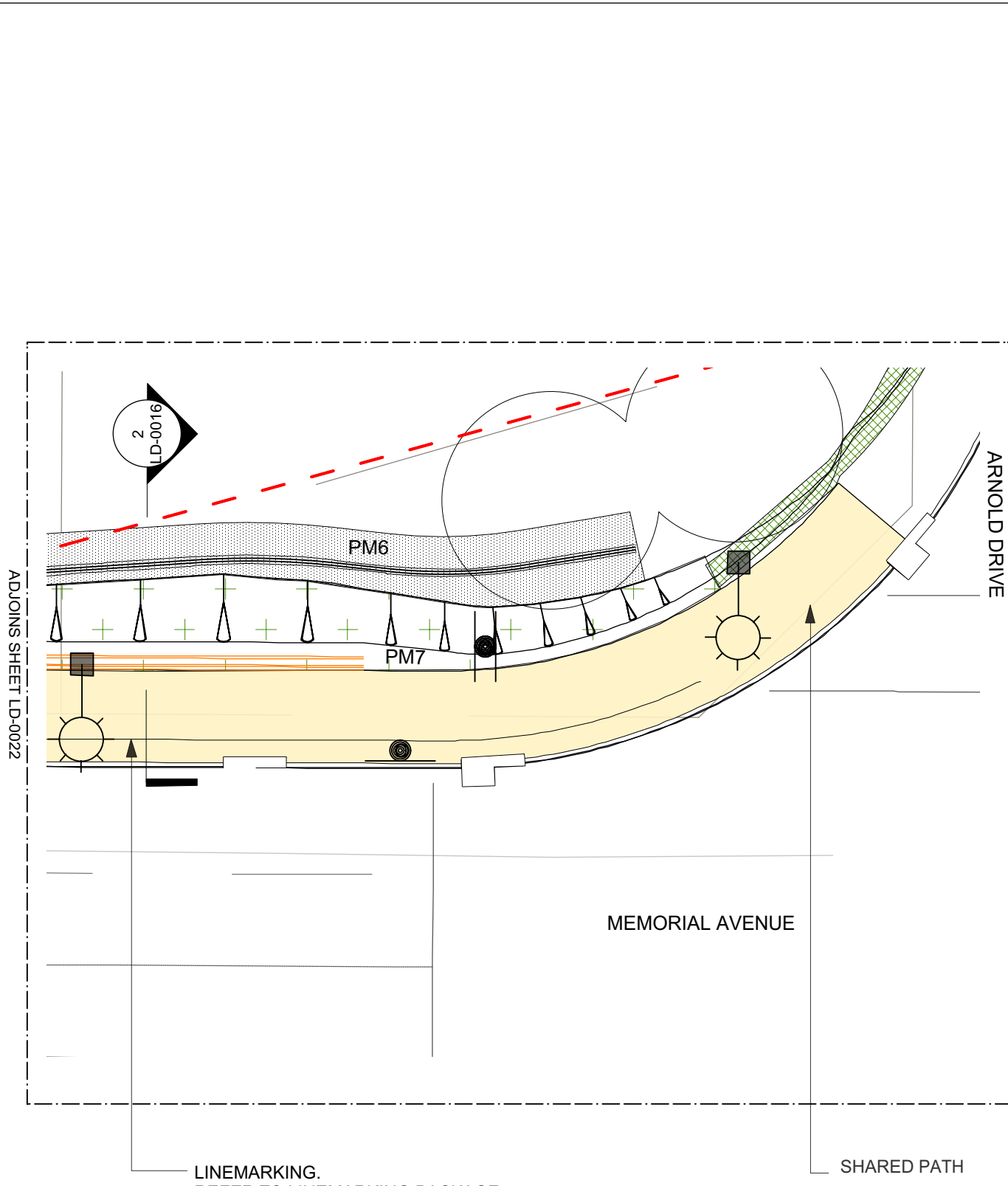
SHARED PATH

SPACE ALLOCATION FOR BUS STOP (SHOWN DASHED).
FINAL LOCATION OF SHELTER TO BE CONFIRMED BY
THE HILLS SHIRE COUNCIL

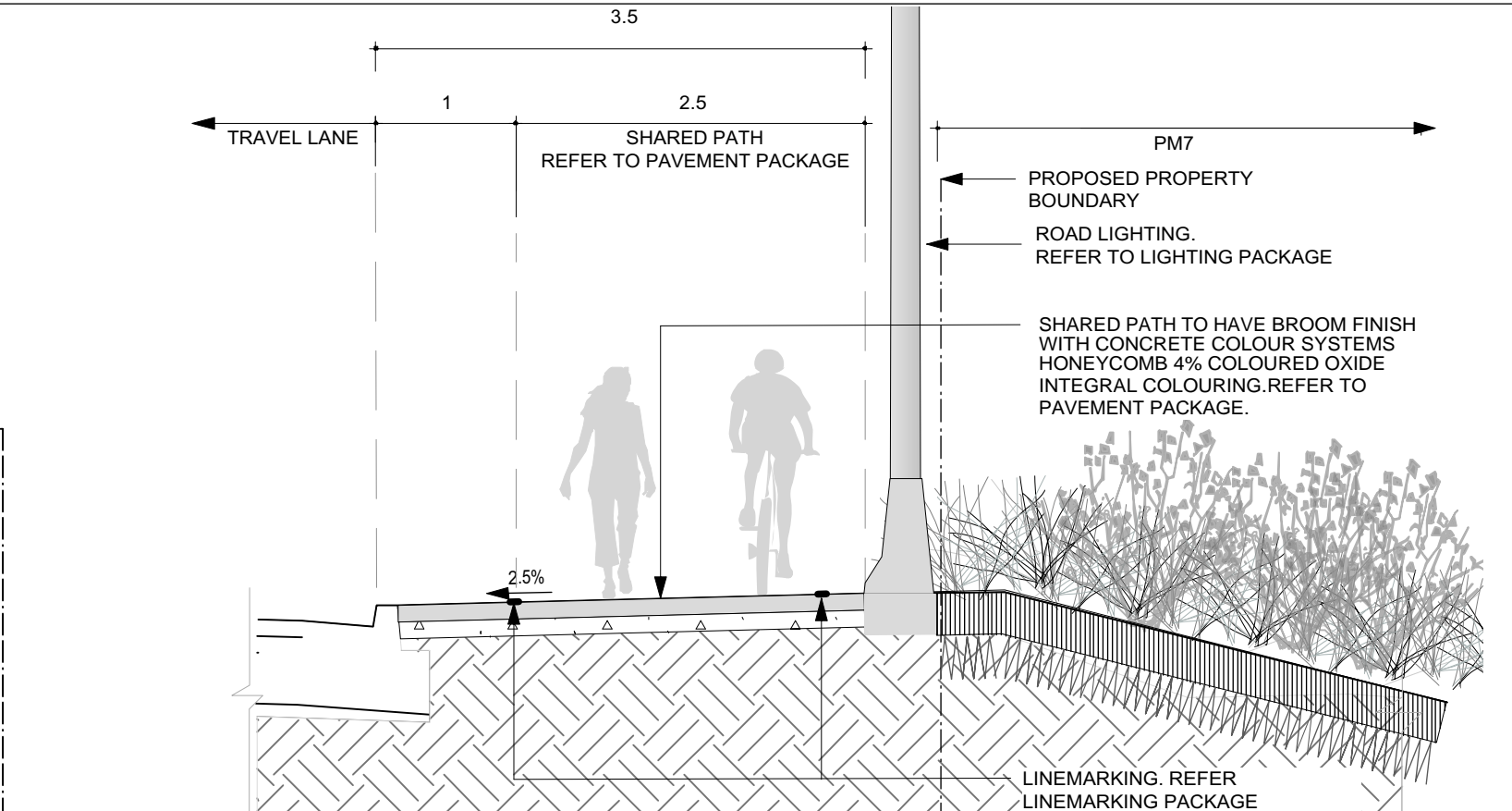
1 **DETAIL PLAN - BUS STOP**
SCALE 1:50

ACCEPTED FOR CONSTRUCTION

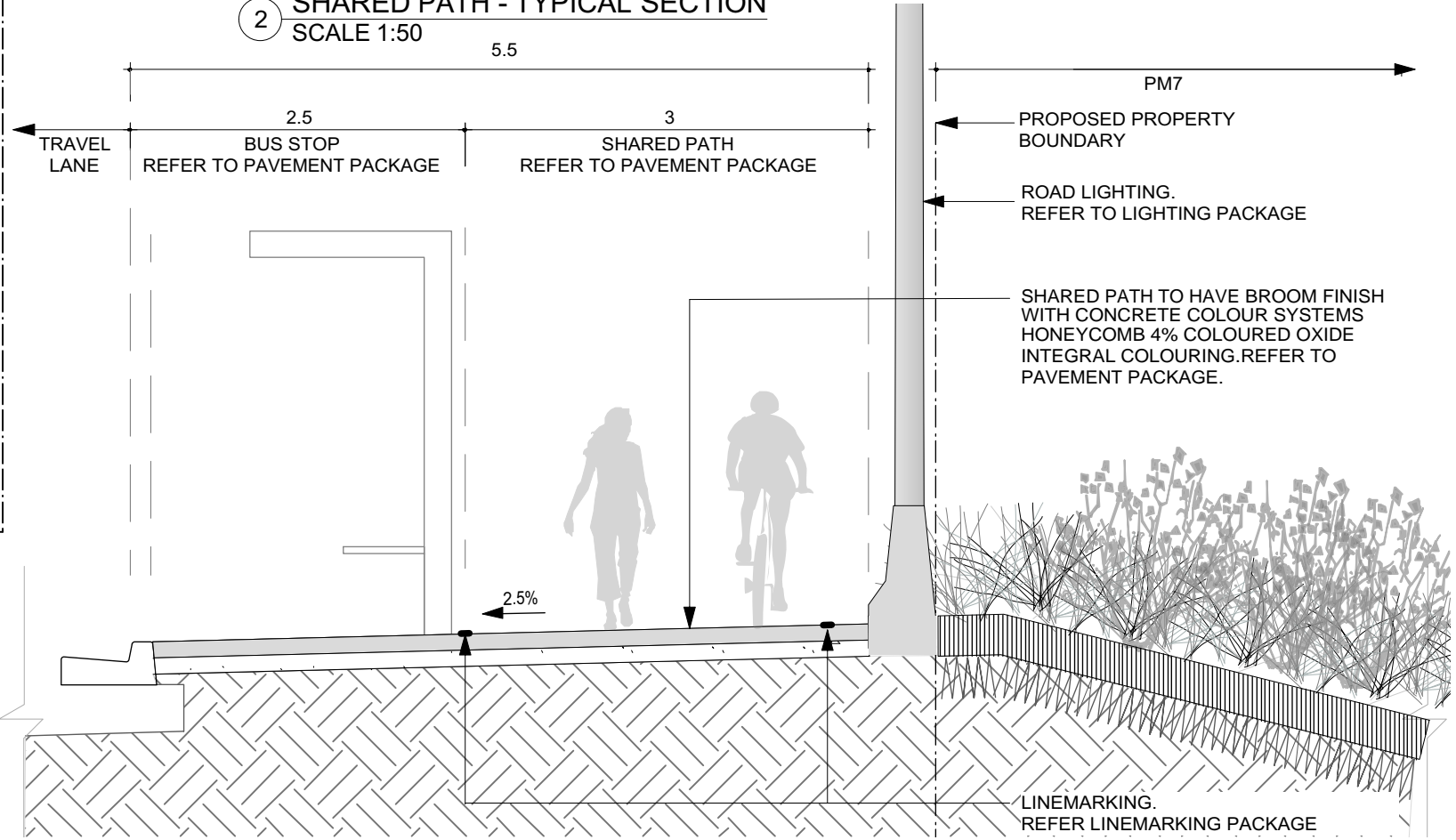
EXTERNAL REFERENCE FILES		REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	CLIENT NSW GOVERNMENT Transport Roads & Maritime			THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE DETAILS PLAN - BUS STOP		A3		
SCALES ON A3 SIZE DRAWING							DRAWINGS / DESIGN PREPARED BY spackman mossop michael's			TITLE	NAME	DATE	RMS REGISTRATION No.	DS2015 / 002302		
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										DRG CHECK	Todd Cook	11/06/2020	SHEET No.	LD-0015	ISSUE	
										DESIGN	Andrew Scoufis	11/06/2020		A		
										DESIGN CHECK	Todd Cook	11/06/2020	© Roads and Maritime Services			
										DESIGN MNGR	Michael Wright	11/06/2020				
										PROJECT MNGR	Michael Wright	11/06/2020				



1 **DETAIL PLAN - SHARED PATH**
SCALE 1:50



2 **SHARED PATH - TYPICAL SECTION**
SCALE 1:50



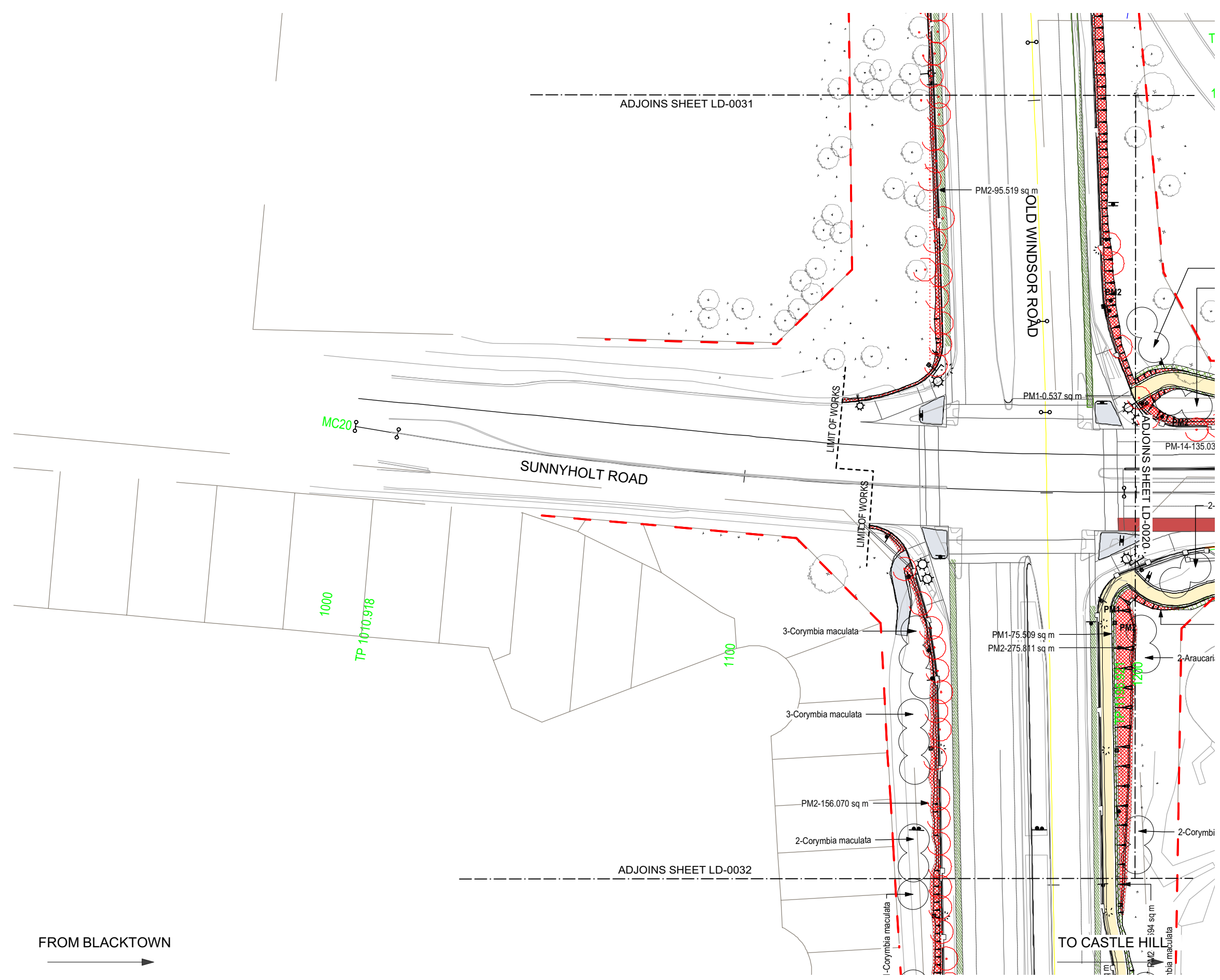
3 **BUS STOP - TYPICAL SECTION**
SCALE 1:50

ACCEPTED FOR CONSTRUCTION

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50mm ON A3 SIZE ORIGINAL

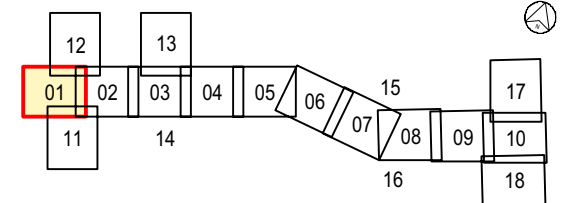
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SCALES ON A3 SIZE DRAWING		SCALE 1:50		CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		spackman mossop michaels		Transport Roads & Maritime Services PREPARED FOR		RMS REGISTRATION No. DS2015 / 002302			ISSUE STATUS FOR CONSTRUCTION	EDMS No.

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL



- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
 - PLANT MIX 5 - VERGE PLANTING
 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF
 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.

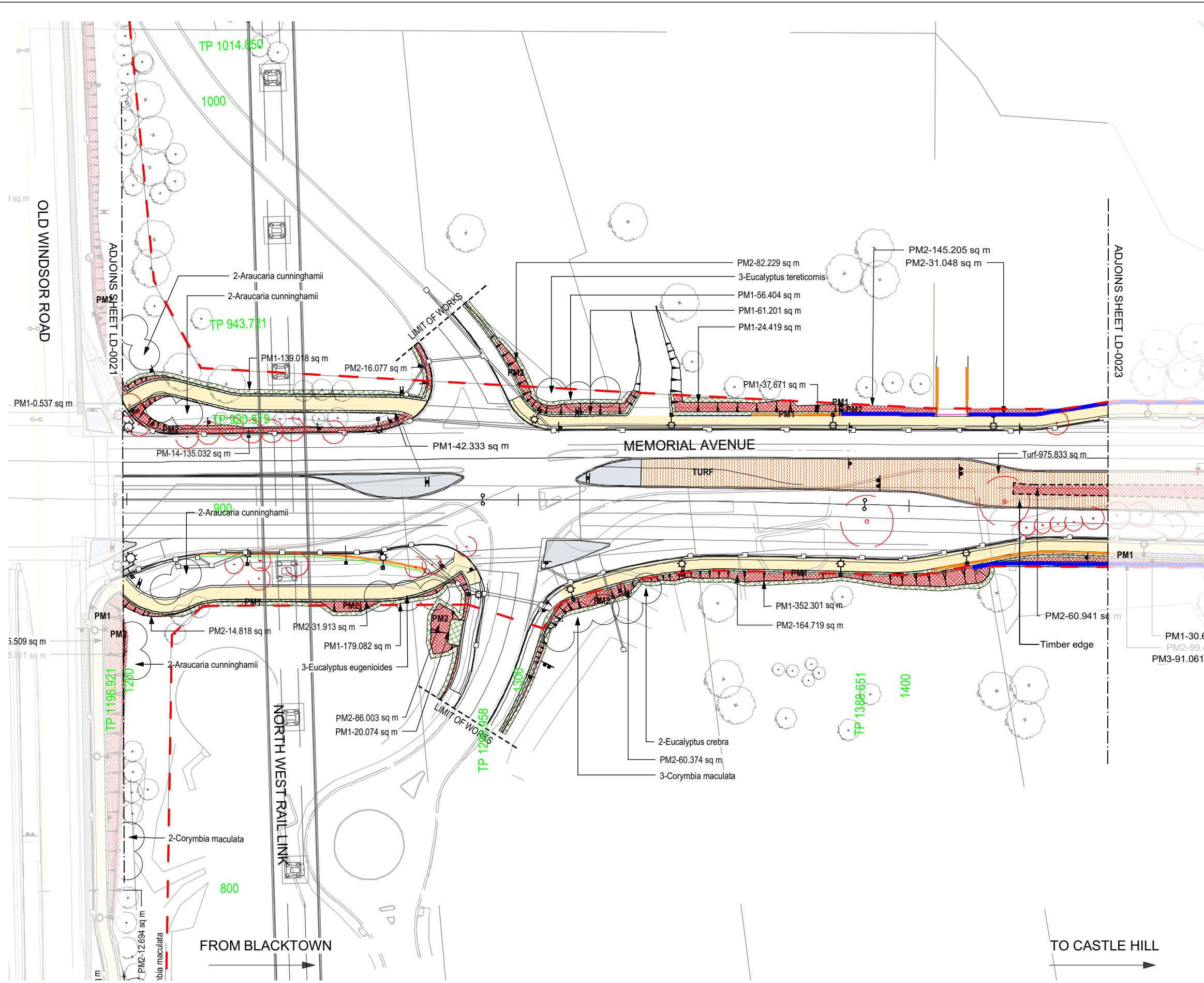


ACCEPTED FOR CONSTRUCTION

FROM BLACKTOWN
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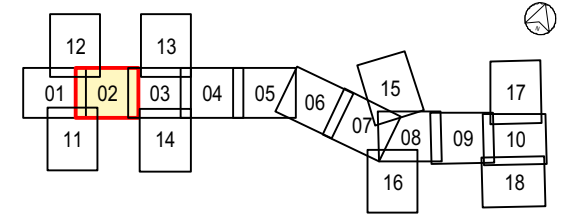
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EXTERNAL REFERENCE FILES	REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE
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						CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	DRG CHECK	Todd Cook	11/06/2020
								DESIGN	Andrew Scoufils	11/06/2020
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								DESIGN MNGR	Michael Wright	11/06/2020
								PROJECT MNGR	Michael Wright	11/06/2020
						PREPARED FOR		NSW GOVERNMENT		Transport Roads & Maritime Infrastructure
						RMS REGISTRATION No.		DS2015 / 002302		
						ISSUE STATUS		FOR CONSTRUCTION		
						EDMS No.		SHEET No.		LD-0021
								ISSUE		A

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL



- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
 - PLANT MIX 5 - VERGE PLANTING
 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF
 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.

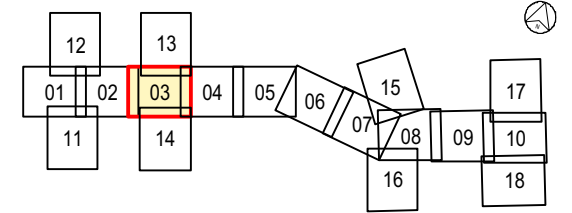
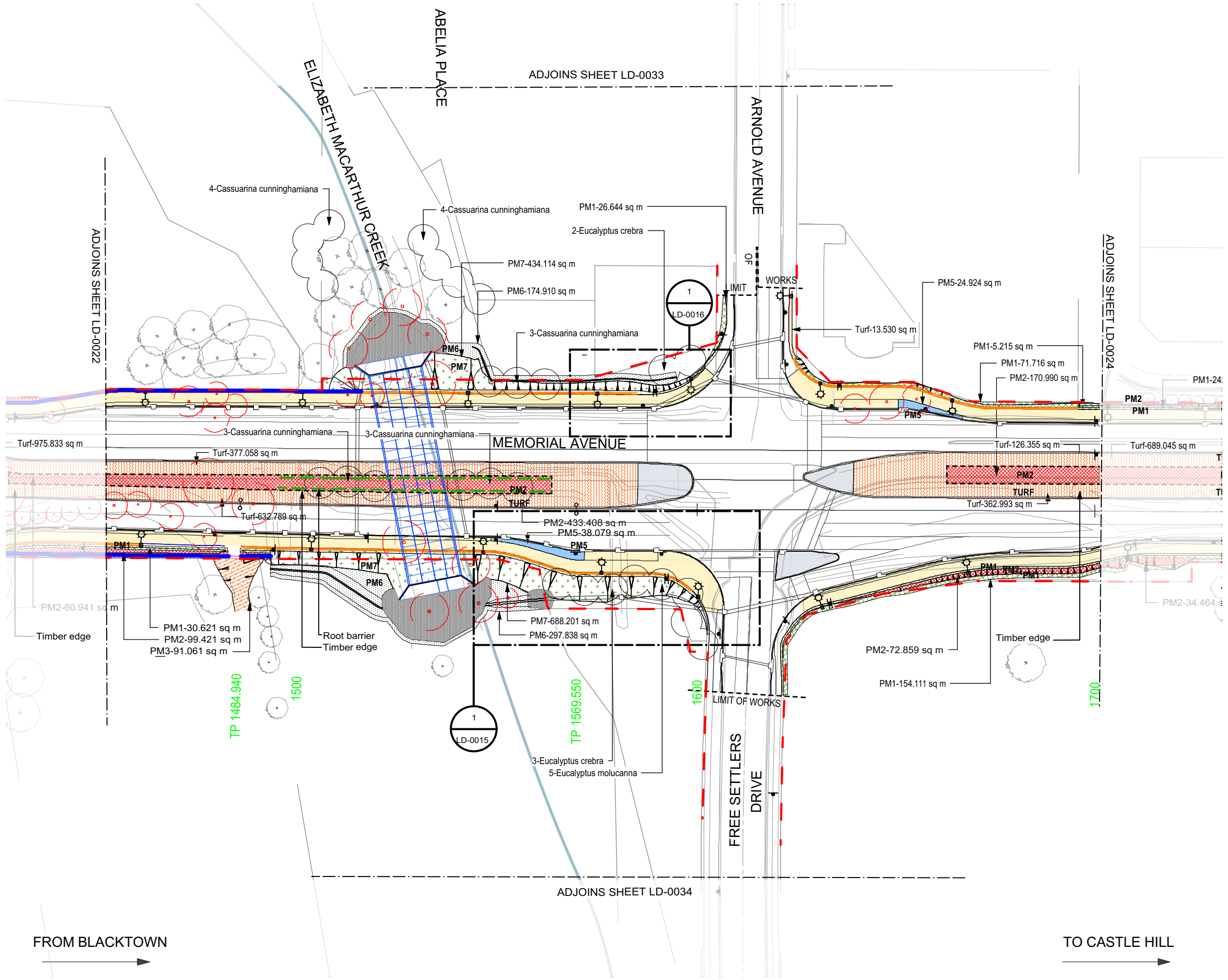


ACCEPTED FOR CONSTRUCTION

EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 2 OF 18	A3
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		
A	11.06.2020	Approved for construction			0 15 25 m SCALE 1:1000	spackman mossop michaels	ISSUE STATUS FOR CONSTRUCTION	EDMS No.
					CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	PREPARED FOR Beca	SHEET No. LD-0022
							ISSUE A	

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
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 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
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 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

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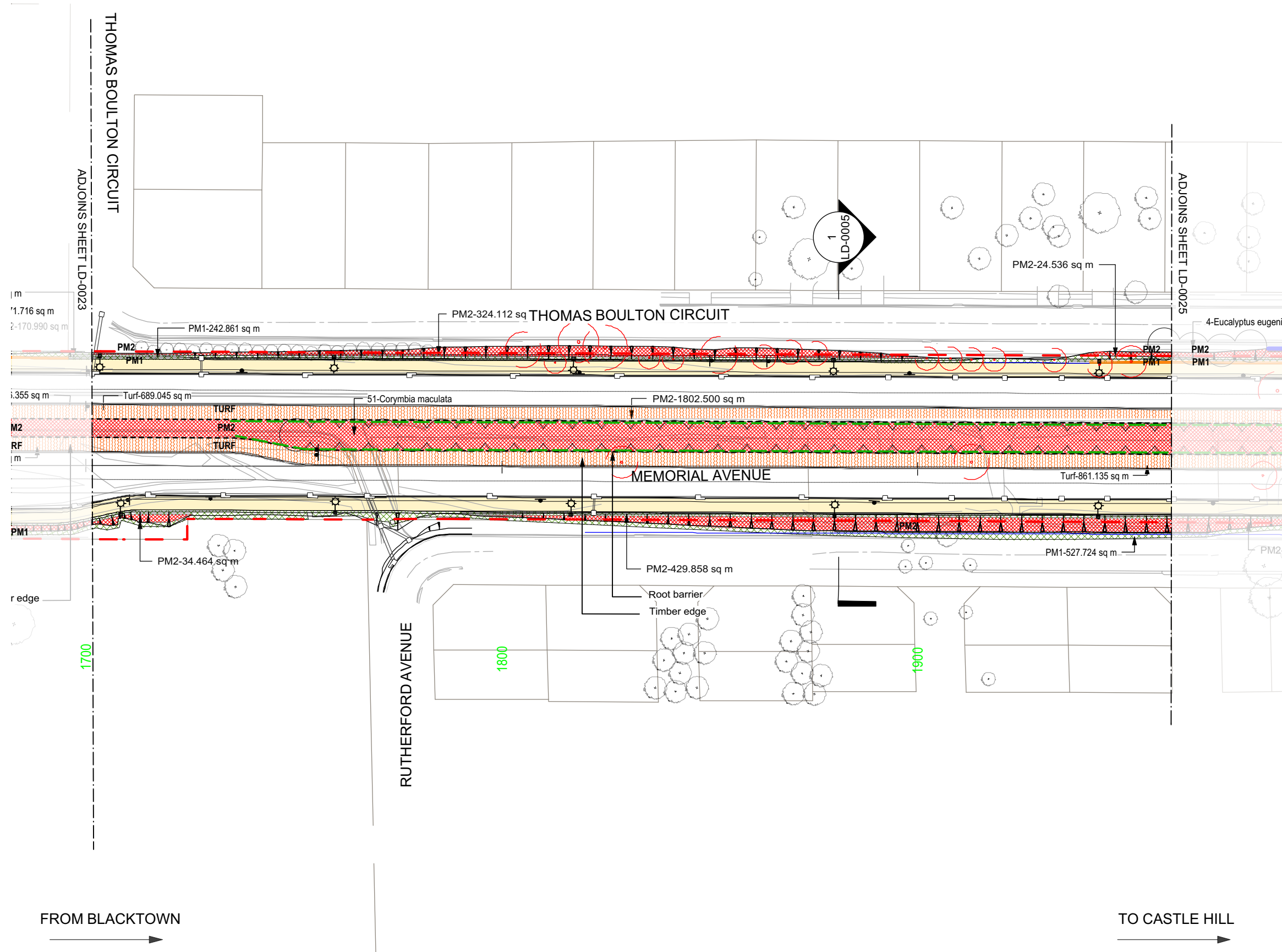


ACCEPTED FOR CONSTRUCTION

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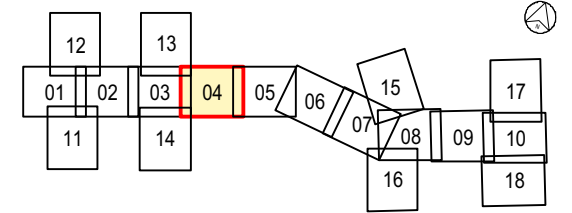
EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 3 OF 18 RMS REGISTRATION No. DS2015 / 002302 ISSUE STATUS FOR CONSTRUCTION	A3 SHEET No. LD-0023 ISSUE A
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		
		A	11.06.2020	Approved for Construction			TITLE NAME DATE DRAWN Andrew Scouffis 11/06/2020 DRG CHECK Todd Cook 11/06/2020 DESIGN Andrew Scouffis 11/06/2020 DESIGN CHECK Todd Cook 11/06/2020 DESIGN MNGR Michael Wright 11/06/2020 PROJECT MNGR Michael Wright 11/06/2020	TRANSPORT NSW GOVERNMENT Roads & Maritime Services
					0 15 25 m SCALE 1:1000 CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD	spackman mossop michaelis	EDMS No. SHEET No. LD-0023 ISSUE A	© Roads and Maritime Services

JOHN HILLAS AVENUE



- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
 - PLANT MIX 5 - VERGE PLANTING
 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF
 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.



FROM BLACKTOWN

TO CASTLE HILL

ACCEPTED FOR CONSTRUCTION

EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 4 OF 18	A3
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		
A	11.06.2020	Approved for construction			0 15 25 m SCALE 1:1000	spackman mossop michaels	ISSUE STATUS FOR CONSTRUCTION	EDMS No.
					CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	SHEET No. LD-0024	ISSUE A

NSW GOVERNMENT
Transport Roads & Maritime Services

PREPARED FOR
Beca

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED FROM A 50mm ON A3 SIZE ORIGINAL

JOHN HILLAS AVENUE

FARMHOUSE AVENUE

THOMAS BOULTON CIRCUIT

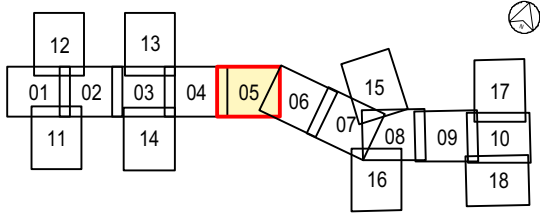
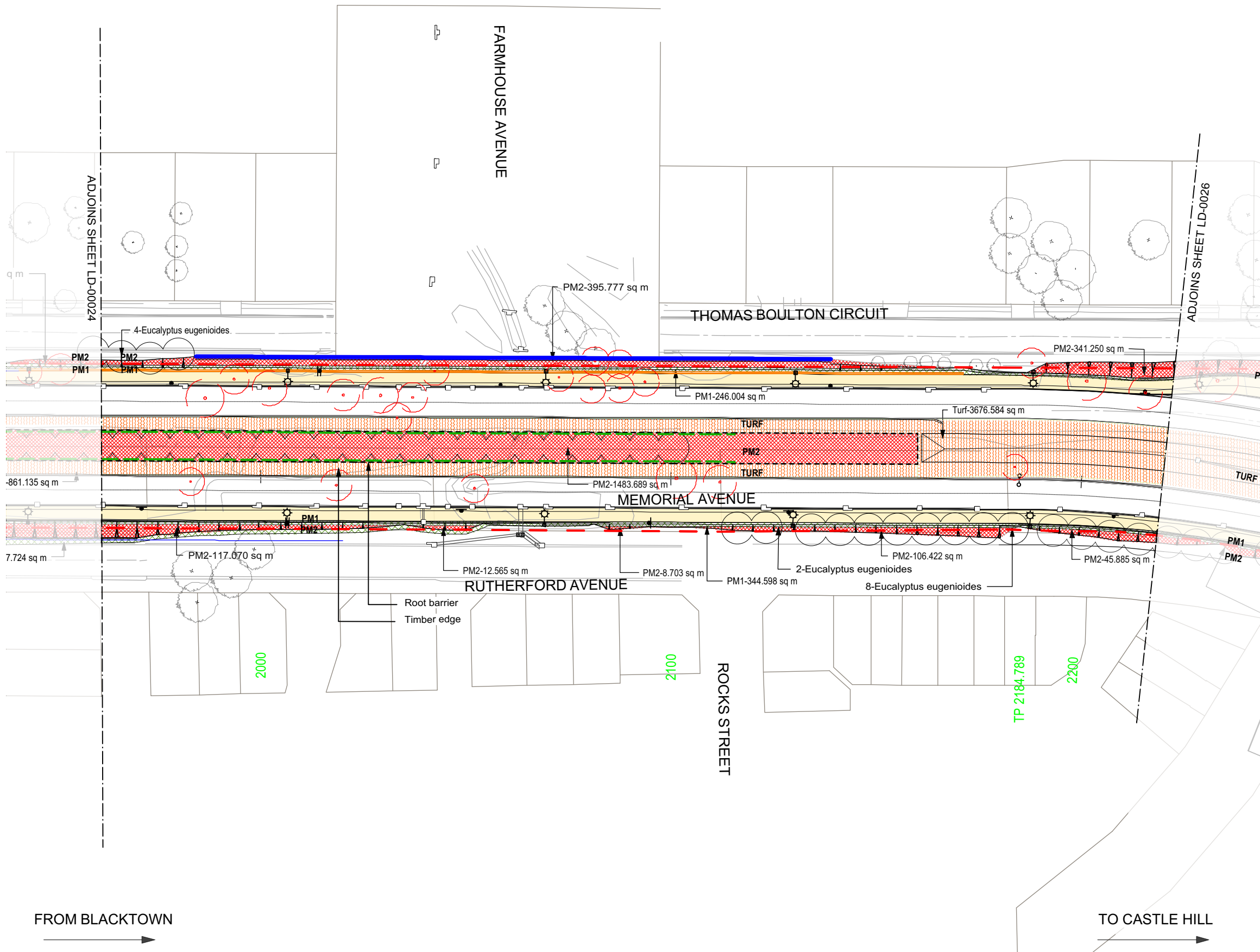
MEMORIAL AVENUE

RUTHERFORD AVENUE

ROCKS STREET

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▒ CONCRETE PAVEMENT
 - ▒ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▒ RETAINING WALL TYPE 1 (CUT)
 - ▒ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▒ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - - - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▒ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - ☼ LIGHTING. REFER TO LIGHTING PACKAGE
 - ◯ EXISTING TREES TO BE RETAINED
 - ◯ PROPOSED TREES
 - ◯ TREES TO BE REMOVED
 - ◯ SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ◯ CULVERT. REFER DRAINAGE PACKAGE

NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.



FROM BLACKTOWN

TO CASTLE HILL

ACCEPTED FOR CONSTRUCTION

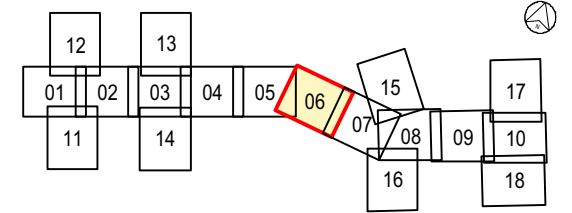
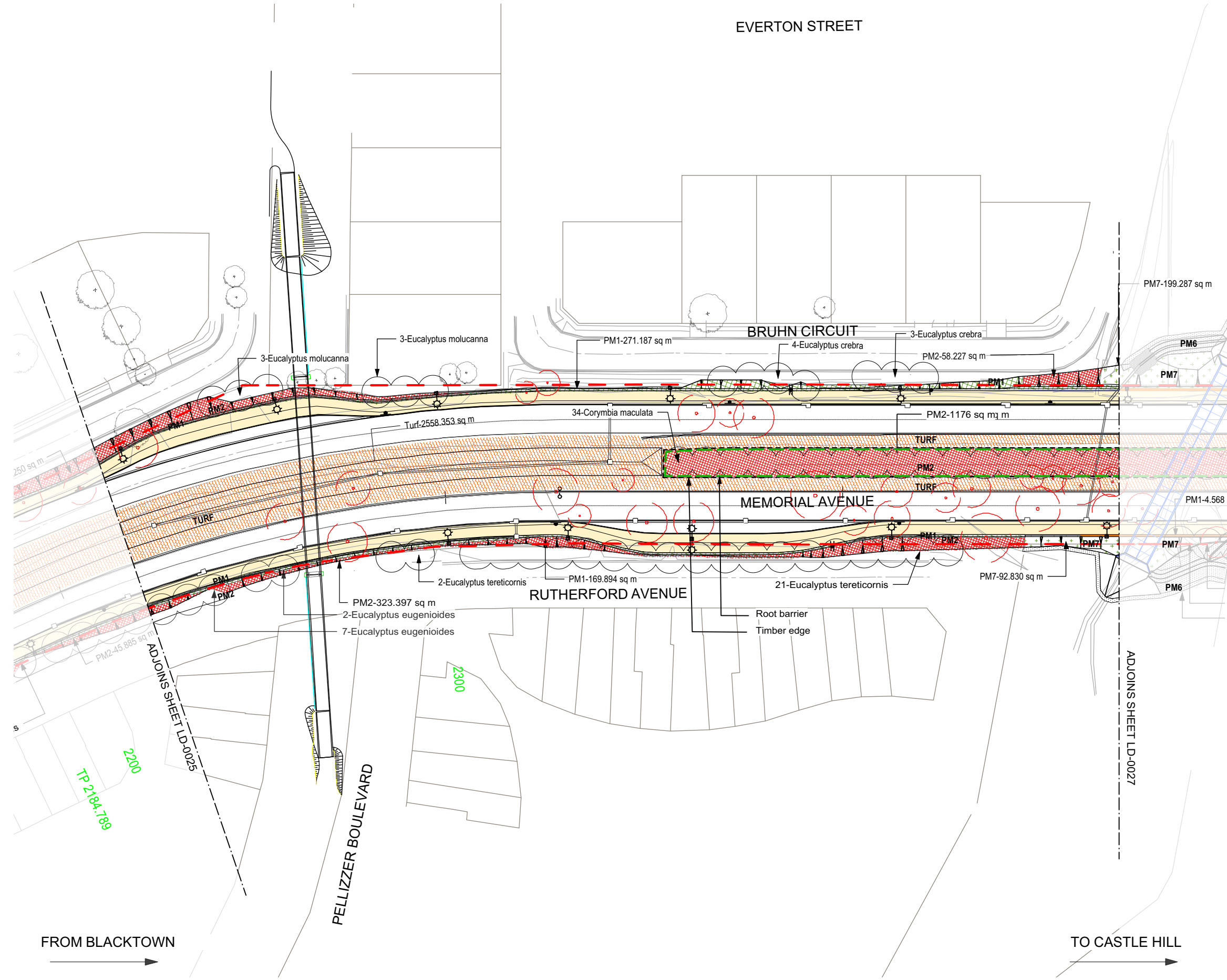
EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 5 OF 18	A3
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		
A	11.06.2020	Approved for construction			0 15 25 m SCALE 1:1000	spackman mossop michaels	ISSUE STATUS FOR CONSTRUCTION	EDMS No.
					CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	PREPARED FOR Beca	SHEET No. LD-0025
							ISSUE A	

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED 50mm ON A3 SIZE ORIGINAL

EVERTON STREET

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▒ CONCRETE PAVEMENT
 - ▒ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▒ RETAINING WALL TYPE 1 (CUT)
 - ▒ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▒ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▒ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - ☼ LIGHTING. REFER TO LIGHTING PACKAGE
 - ◯ EXISTING TREES TO BE RETAINED
 - ◯ PROPOSED TREES
 - ◯ TREES TO BE REMOVED
 - ◯ SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ◯ CULVERT. REFER DRAINAGE PACKAGE

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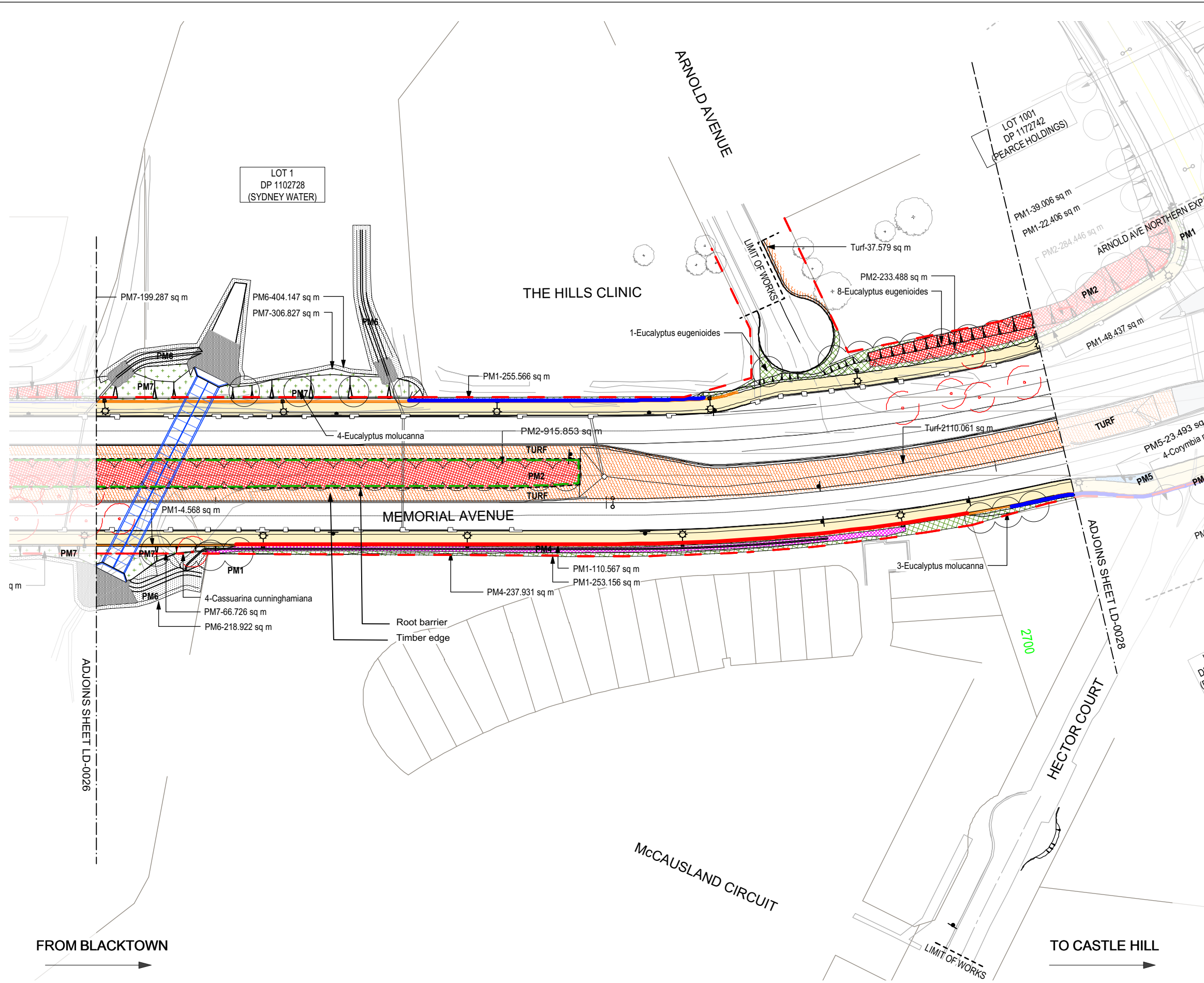


ACCEPTED FOR CONSTRUCTION

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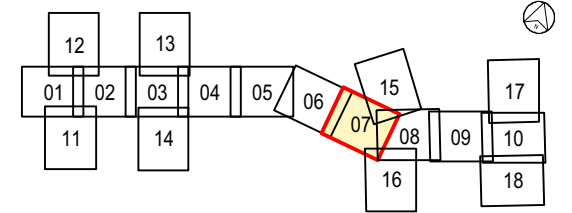
EXTERNAL REFERENCE FILES		REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION Approved for construction	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	DRAWINGS / DESIGN PREPARED BY spackman mossop michaels		TITLE	NAME	DATE	CLIENT NSW GOVERNMENT Transport Roads & Maritime Services	THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 6 OF 18	A3		
SCALES ON A3 SIZE DRAWING							SCALE 1:1000		CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		PREPARED FOR Beca	RMS REGISTRATION No. DS2015 / 002302	ISSUE STATUS FOR CONSTRUCTION	EDMS No.	SHEET No. LD-0026	ISSUE A

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED
50mm ON A3 SIZE ORIGINAL



- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
 - PLANT MIX 5 - VERGE PLANTING
 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF
 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

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FROM BLACKTOWN

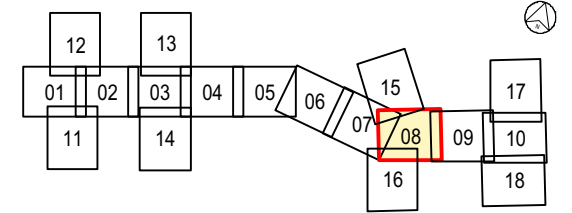
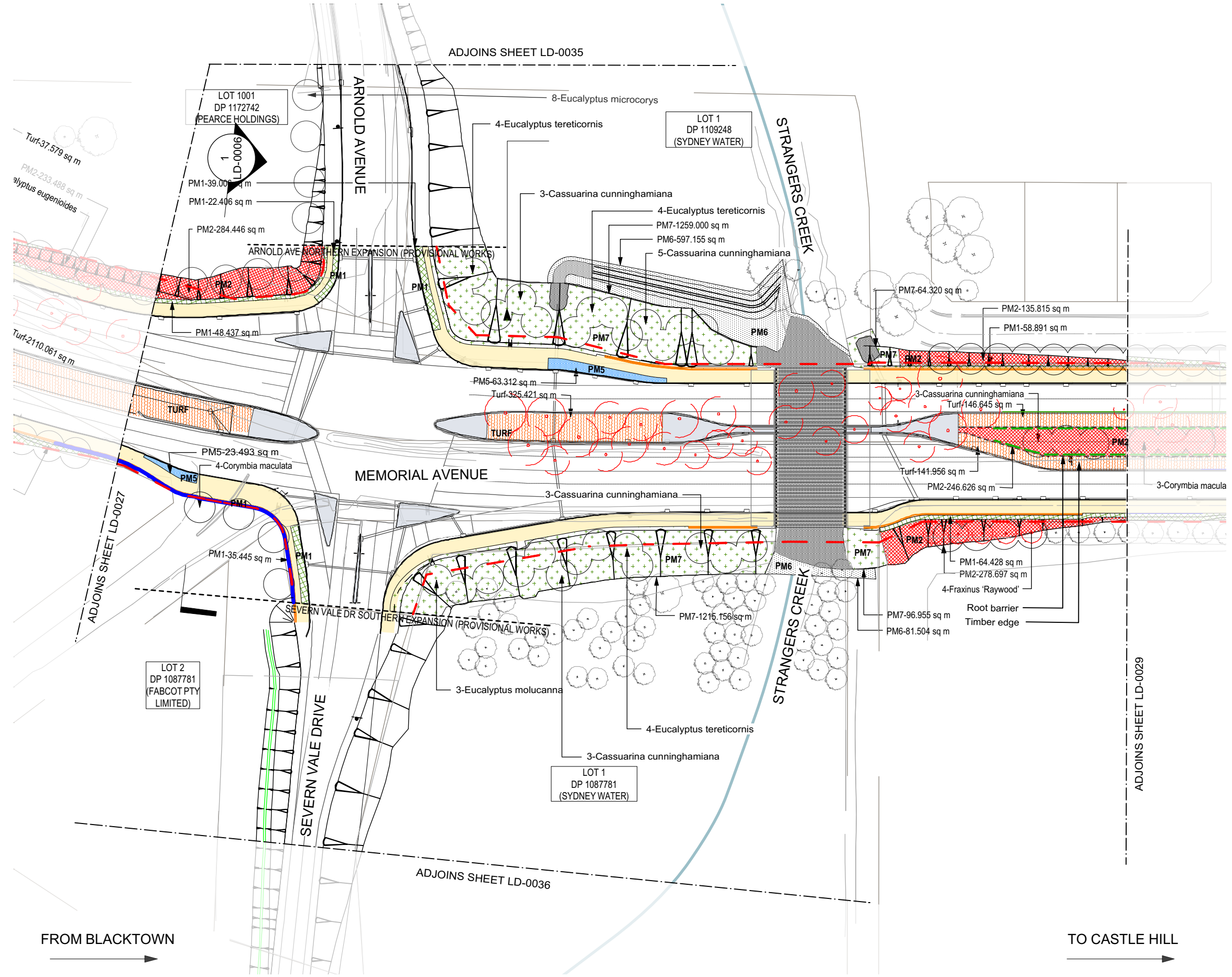
TO CASTLE HILL

ACCEPTED FOR CONSTRUCTION

EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 7 OF 19 RMS REGISTRATION No. DS2015 / 002302 ISSUE STATUS FOR CONSTRUCTION SHEET No. LD-0027 ISSUE A
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	
A	11.06.2020	Approved for construction			 SCALE 1:1000 CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD	spackman mossop michael	
					TITLE	NAME	DATE
					DRAWN	Andrew Scouffis	11/06/2020
					DRG CHECK	Todd Cook	11/06/2020
					DESIGN	Andrew Scouffis	11/06/2020
					DESIGN CHECK	Todd Cook	11/06/2020
					DESIGN MNGR	Michael Wright	11/06/2020
					PROJECT MNGR	Michael Wright	11/06/2020
					Transport Roads & Maritime Services		
					Beca		

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
 - PLANT MIX 5 - VERGE PLANTING
 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF
 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

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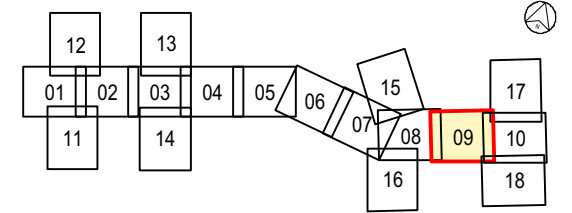
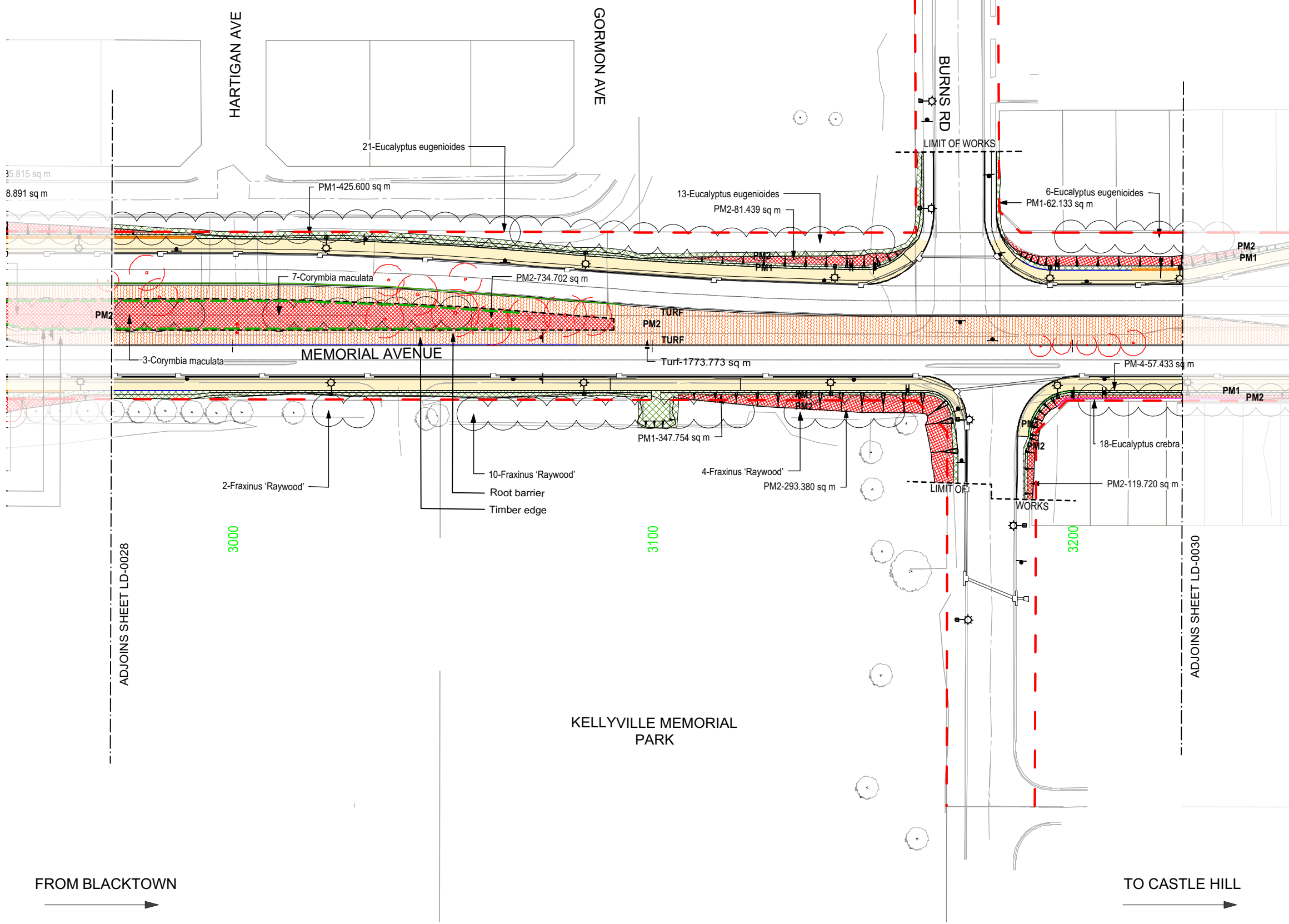
ACCEPTED FOR CONSTRUCTION

THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED FROM A 50mm ON A3 SIZE ORIGINAL

EXTERNAL REFERENCE FILES		REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION Accepted for construction	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	DRAWINGS / DESIGN PREPARED BY spackman mossop michaels		CLIENT NSW GOVERNMENT Transport Roads & Maritime Services		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 8 OF 18		A3		
SCALE ON A3 SIZE DRAWING		0 15 25 m		SCALE 1:1000		CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		PREPARED FOR Beca		RMS REGISTRATION No. DS2015 / 002302		ISSUE STATUS FOR CONSTRUCTION	EDMS No.	SHEET No. LD-0028	ISSUE A

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▭ CONCRETE PAVEMENT
 - ▭ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▭ RETAINING WALL TYPE 1 (CUT)
 - ▭ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▭ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - - - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▭ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - ☼ LIGHTING. REFER TO LIGHTING PACKAGE
 - ◯ EXISTING TREES TO BE RETAINED
 - ◯ PROPOSED TREES
 - ◯ TREES TO BE REMOVED
 - ◯ SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ▭ CULVERT. REFER DRAINAGE PACKAGE

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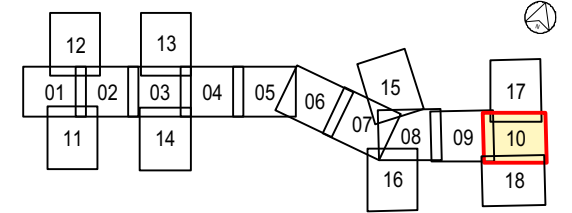
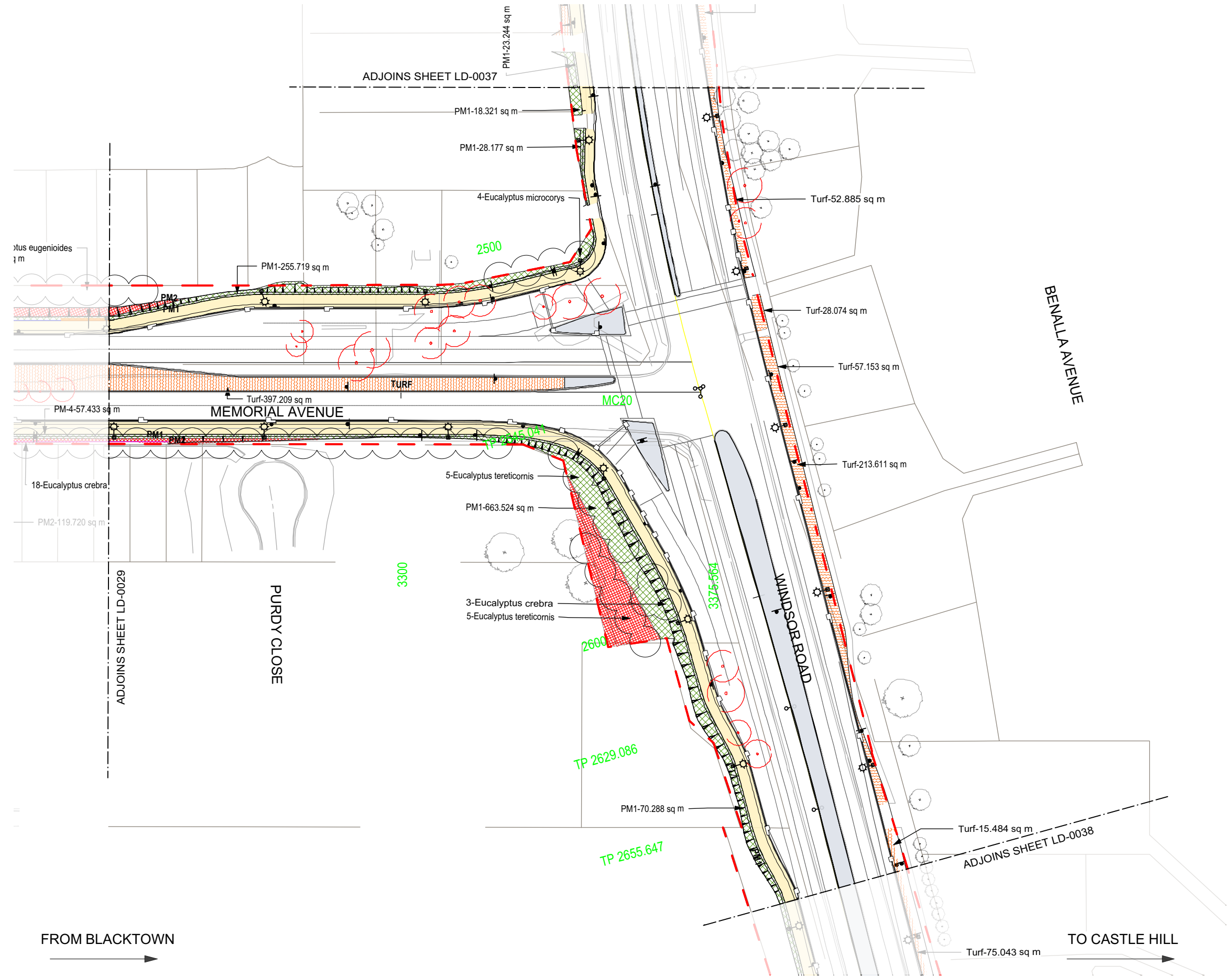
ACCEPTED FOR CONSTRUCTION

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DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 9 OF 18		A3	
EXTERNAL REFERENCE FILES	REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION Accepted for construction	WVR No.	APPROVAL	TITLE	NAME	DATE	PREPARED FOR
SCALES ON A3 SIZE DRAWING		DRAWINGS / DESIGN PREPARED BY		NSW GOVERNMENT		Transport Roads & Maritime Services		Beca	
0 15 25 m SCALE 1:1000		spackman mossop michaels		RMS REGISTRATION No. DS2015 / 002302		ISSUE STATUS FOR CONSTRUCTION		EDMS No.	SHEET No. LD-0029
CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD		ISSUE No. A		© Roads and Maritime Services			

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▒ CONCRETE PAVEMENT
 - ▒ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▒ RETAINING WALL TYPE 1 (CUT)
 - ▒ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▒ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - ☼ LIGHTING. REFER TO LIGHTING PACKAGE
 - ⊙ EXISTING TREES TO BE RETAINED
 - ⊙ PROPOSED TREES
 - ⊙ TREES TO BE REMOVED
 - ⊙ SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ▒ CULVERT. REFER DRAINAGE PACKAGE

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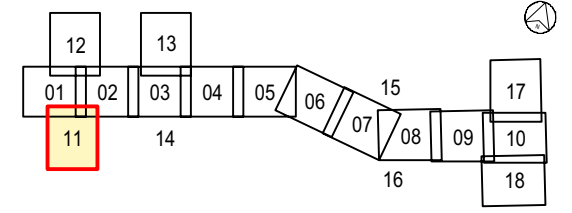
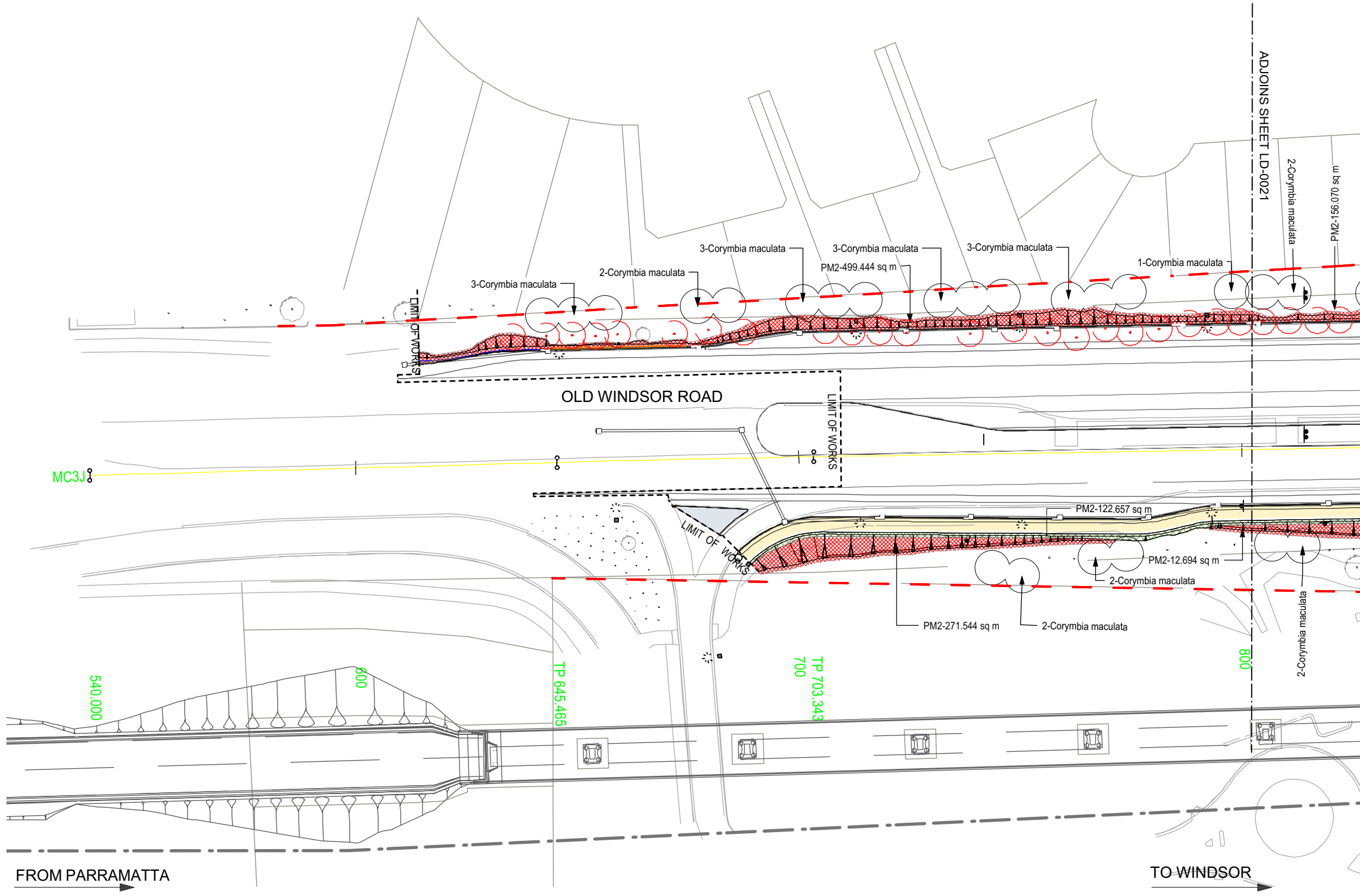
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EXTERNAL REFERENCE FILES		REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION Approved for Construction	WVR No.	APPROVAL	DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING	DRAWINGS / DESIGN PREPARED BY spackman mossop michaels		TITLE	NAME	DATE	CLIENT NSW GOVERNMENT Transport Roads & Maritime Services	THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 10 OF 18	A3							
SCALES ON A3 SIZE DRAWING SCALE 1:1000 CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD									DRG CHECK Todd Cook	DESIGN Andrew Scouffs	DESIGN CHECK Todd Cook	DESIGN MNGR Michael Wright	PROJECT MNGR Michael Wright	11/06/2020	11/06/2020	11/06/2020	11/06/2020	11/06/2020	RMS REGISTRATION No. DS2015 / 002302	ISSUE STATUS FOR CONSTRUCTION	EDMS No.	SHEET No. LD-0030	ISSUE A

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▒ CONCRETE PAVEMENT
 - ▒ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▒ RETAINING WALL TYPE 1 (CUT)
 - ▒ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
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 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▒ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - - - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▒ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
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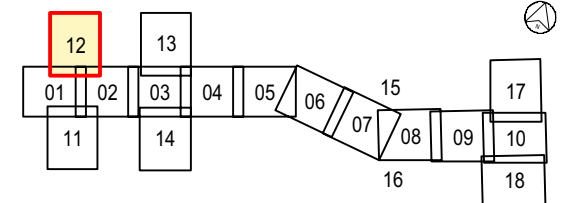
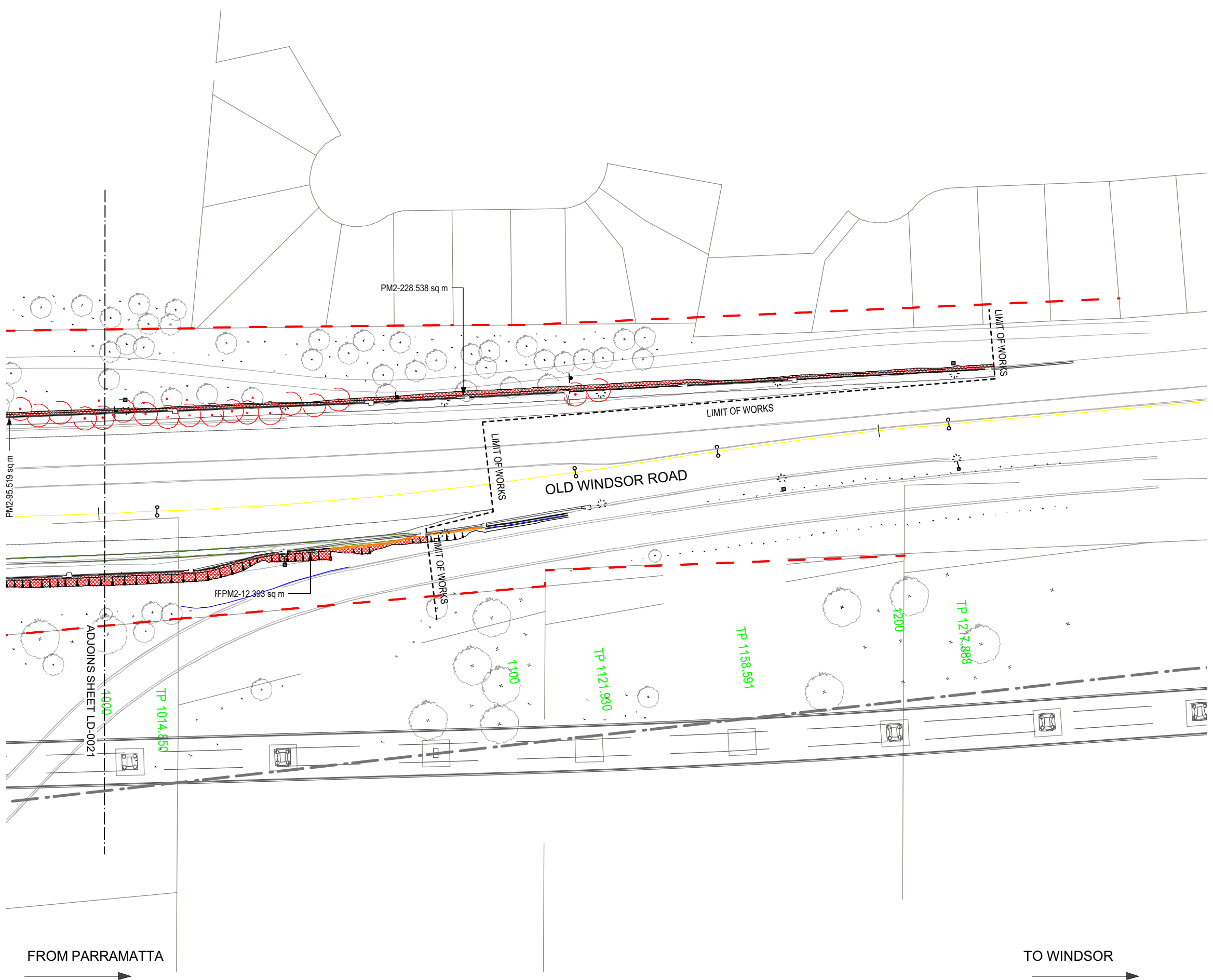
ACCEPTED FOR CONSTRUCTION

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EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 11 OF 18	A3
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		
A	11.06.2020	CONSTRUCTION			0 15 25 m SCALE 1:1000	spackman mossop michaels	ISSUE STATUS FOR CONSTRUCTION	EDMS No.
					CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	PREPARED FOR Transport Roads & Maritime	SHEET No. LD-0031
							ISSUE A	

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▒ CONCRETE PAVEMENT
 - ▒ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▒ RETAINING WALL TYPE 1 (CUT)
 - ▒ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
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 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▒ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - - - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▒ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - ☼ LIGHTING. REFER TO LIGHTING PACKAGE
 - ⊙ EXISTING TREES TO BE RETAINED
 - ⊙ PROPOSED TREES
 - ⊙ TREES TO BE REMOVED
 - ⊙ SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ⊙ CULVERT. REFER DRAINAGE PACKAGE


























NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.

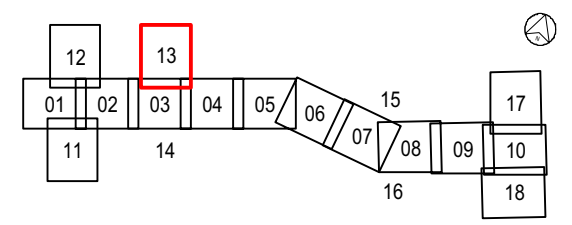
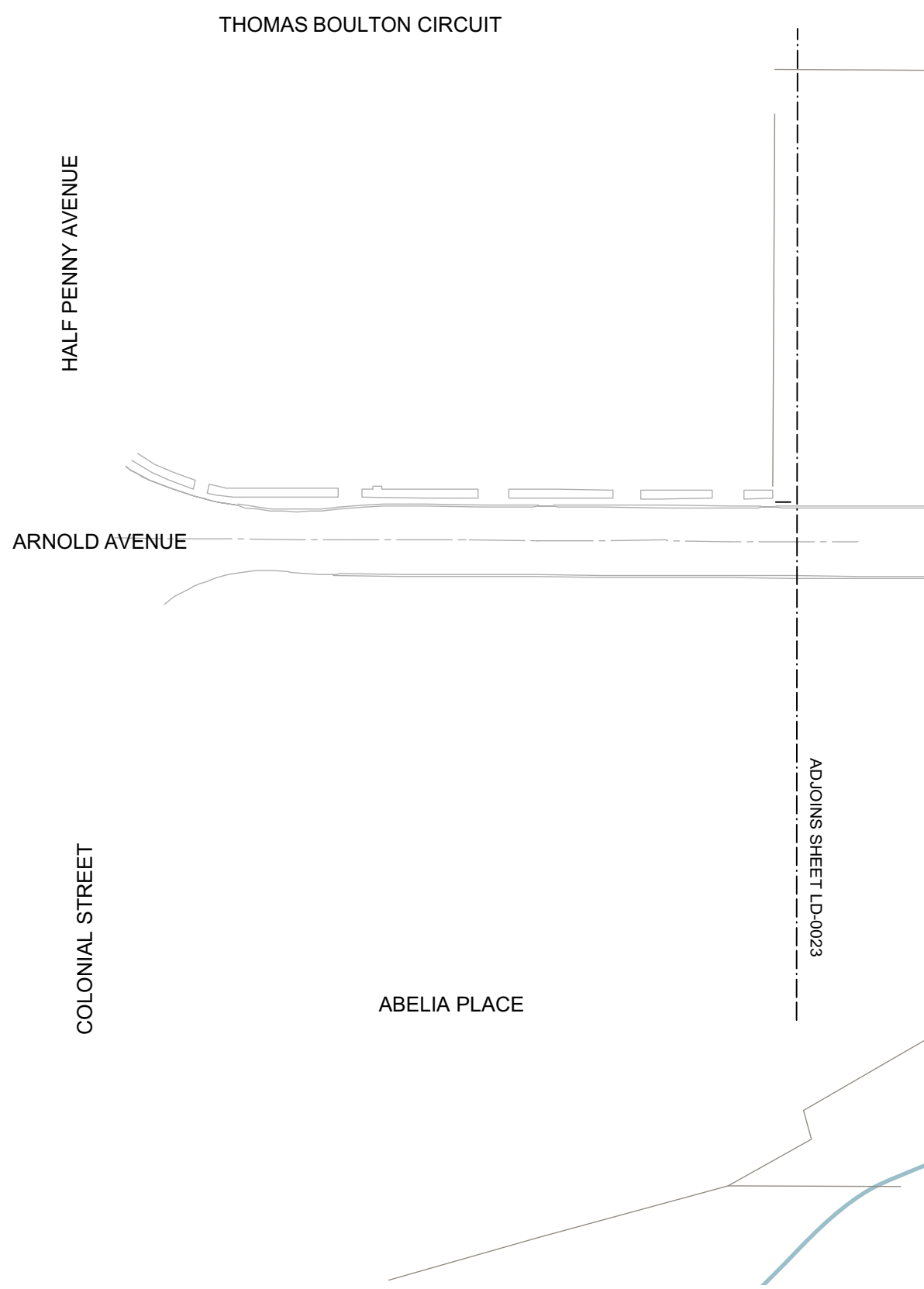


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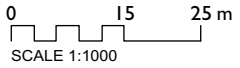


EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 12 OF 18	A3
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY		
A	11.06.2020	CONSTRUCTION ACTION			0 15 25 m SCALE 1:1000 CO-ORDINATE SYSTEM MGA ZONE 56 HEIGHT DATUM AHD	spackman mossop michael	ISSUE STATUS FOR CONSTRUCTION EDMS No.	SHEET No. LD-0032 ISSUE A
				TITLE NAME DATE DRAWN Andrew Scoufis 11/06/2020 DRG CHECK Todd Cook 11/06/2020 DESIGN Andrew Scoufis 11/06/2020 DESIGN CHECK Todd Cook 11/06/2020 DESIGN MNGR Michael Wright 11/06/2020 PROJECT MNGR Michael Wright 11/06/2020		TRANSPORT Roads & Maritime	PREPARED FOR	© Roads and Maritime Services

- LEGEND**
-  EXISTING CADASTRAL BOUNDARY
 -  PROPOSED ROAD BOUNDARY
 -  CONCRETE PAVEMENT
 -  PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 -  RETAINING WALL TYPE 1 (CUT)
 -  RETAINING WALL TYPE 2 (FILL)
 -  PLANT MIX 1 - NATIVE GRASSES
 -  PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 -  PLANT MIX 3 - RIPARIAN PLANTING
 -  PLANT MIX 4 - SWALE PLANTING
 -  PLANT MIX 5 - VERGE PLANTING
 -  PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 -  PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 -  TURF
 -  EXISTING CREEK
 -  SPADE EDGE
 -  ROOT BARRIER
 -  F TYPE BARRIER. REFER FURNITURE PACKAGE
 -  ROCK MATTRESS. REFER DRAINAGE PACKAGE
 -  LIGHTING. REFER TO LIGHTING PACKAGE
 -  EXISTING TREES TO BE RETAINED
 -  PROPOSED TREES
 -  TREES TO BE REMOVED
 -  SIGNAGE. REFER TO SIGNAGE PACKAGE
 -  CULVERT. REFER DRAINAGE PACKAGE

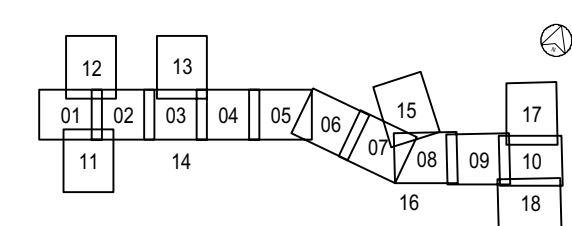


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DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 13 OF 18		A3																					
EXTERNAL REFERENCE FILES	REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION ISSUE	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE																					
						 SCALE 1:1000	spackman mossop michaels	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>TITLE</th><th>NAME</th><th>DATE</th></tr> <tr><td>DRAWN</td><td>Andrew Scoufis</td><td>11/06/2020</td></tr> <tr><td>DRG CHECK</td><td>Todd Cook</td><td>11/06/2020</td></tr> <tr><td>DESIGN</td><td>Andrew Scoufis</td><td>11/06/2020</td></tr> <tr><td>DESIGN CHECK</td><td>Todd Cook</td><td>11/06/2020</td></tr> <tr><td>DESIGN MNGR</td><td>Michael Wright</td><td>11/06/2020</td></tr> <tr><td>PROJECT MNGR</td><td>Michael Wright</td><td>11/06/2020</td></tr> </table>	TITLE	NAME	DATE	DRAWN	Andrew Scoufis	11/06/2020	DRG CHECK	Todd Cook	11/06/2020	DESIGN	Andrew Scoufis	11/06/2020	DESIGN CHECK	Todd Cook	11/06/2020	DESIGN MNGR	Michael Wright	11/06/2020	PROJECT MNGR	Michael Wright	11/06/2020
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DESIGN MNGR	Michael Wright	11/06/2020																											
PROJECT MNGR	Michael Wright	11/06/2020																											
						CO-ORDINATE SYSTEM MGA ZONE 56		HEIGHT DATUM AHD																					
						 Transport Roads & Maritime Infrastructure		PREPARED FOR 																					
						RMS REGISTRATION No. DS2015 / 002302		ISSUE STATUS FOR CONSTRUCTION																					
						EDMS No.		SHEET No. LD-0033																					
						ISSUE A		© Roads and Maritime Services																					

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - PROPOSED ROAD BOUNDARY
 - CONCRETE PAVEMENT
 - PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - RETAINING WALL TYPE 1 (CUT)
 - RETAINING WALL TYPE 2 (FILL)
 - PLANT MIX 1 - NATIVE GRASSES
 - PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PLANT MIX 3 - RIPARIAN PLANTING
 - PLANT MIX 4 - SWALE PLANTING
 - PLANT MIX 5 - VERGE PLANTING
 - PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - TURF
 - EXISTING CREEK
 - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - CULVERT. REFER DRAINAGE PACKAGE

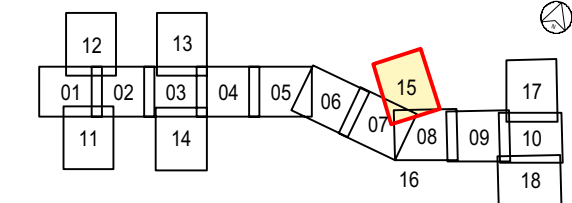
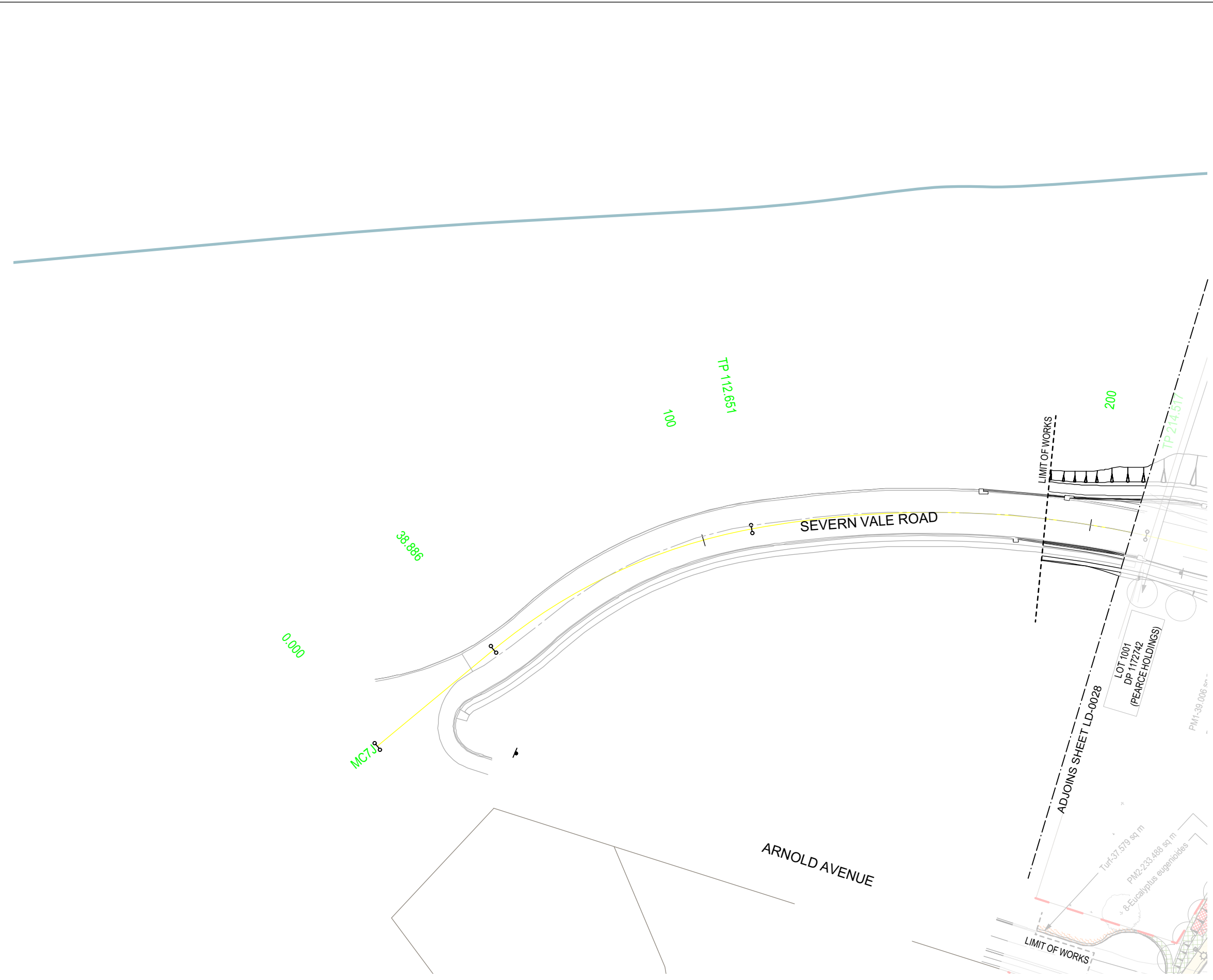


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THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED 50mm ON A3 SIZE ORIGINAL

DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 14 OF 18		A3																					
EXTERNAL REFERENCE FILES	REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION ISSUE	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE																					
						 SCALE 1:1000	spackman mossop michaels	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>TITLE</th><th>NAME</th><th>DATE</th></tr> <tr><td>DRAWN</td><td>Andrew Scoufis</td><td>11/06/2020</td></tr> <tr><td>DRG CHECK</td><td>Todd Cook</td><td>11/06/2020</td></tr> <tr><td>DESIGN</td><td>Andrew Scoufis</td><td>11/06/2020</td></tr> <tr><td>DESIGN CHECK</td><td>Todd Cook</td><td>11/06/2020</td></tr> <tr><td>DESIGN MNGR</td><td>Michael Wright</td><td>11/06/2020</td></tr> <tr><td>PROJECT MNGR</td><td>Michael Wright</td><td>11/06/2020</td></tr> </table>	TITLE	NAME	DATE	DRAWN	Andrew Scoufis	11/06/2020	DRG CHECK	Todd Cook	11/06/2020	DESIGN	Andrew Scoufis	11/06/2020	DESIGN CHECK	Todd Cook	11/06/2020	DESIGN MNGR	Michael Wright	11/06/2020	PROJECT MNGR	Michael Wright	11/06/2020
TITLE	NAME	DATE																											
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PROJECT MNGR	Michael Wright	11/06/2020																											
						CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">PREPARED FOR</td></tr> <tr><td colspan="2" style="text-align: center;"></td></tr> <tr><td colspan="2" style="text-align: center;">Transport Roads & Maritime Services</td></tr> </table>	PREPARED FOR				Transport Roads & Maritime Services																
PREPARED FOR																													
Transport Roads & Maritime Services																													
						RMS REGISTRATION No. DS2015 / 002302																							
						ISSUE STATUS FOR CONSTRUCTION	EDMS No.	SHEET No. LD-0034	ISSUE A																				

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▬ CONCRETE PAVEMENT
 - ▬ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▬ RETAINING WALL TYPE 1 (CUT)
 - ▬ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▬ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - - - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▬ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ▬ CULVERT. REFER DRAINAGE PACKAGE



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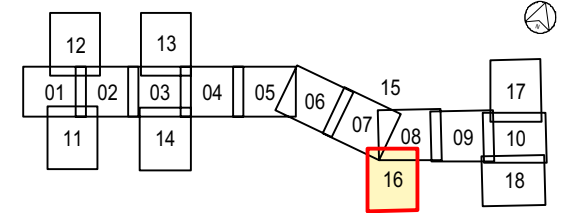
THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED 50mm ON A3 SIZE ORIGINAL

EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 15 OF 18 RMS REGISTRATION No. DS2015 / 002302 ISSUE STATUS: FOR CONSTRUCTION SHEET No. LD-0035 ISSUE A
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50mm ON A3 SIZE ORIGINAL



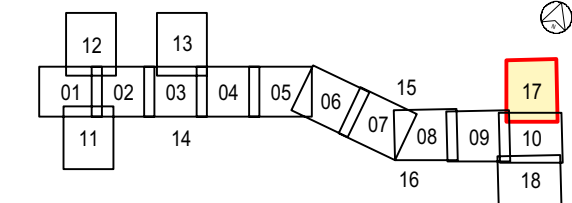
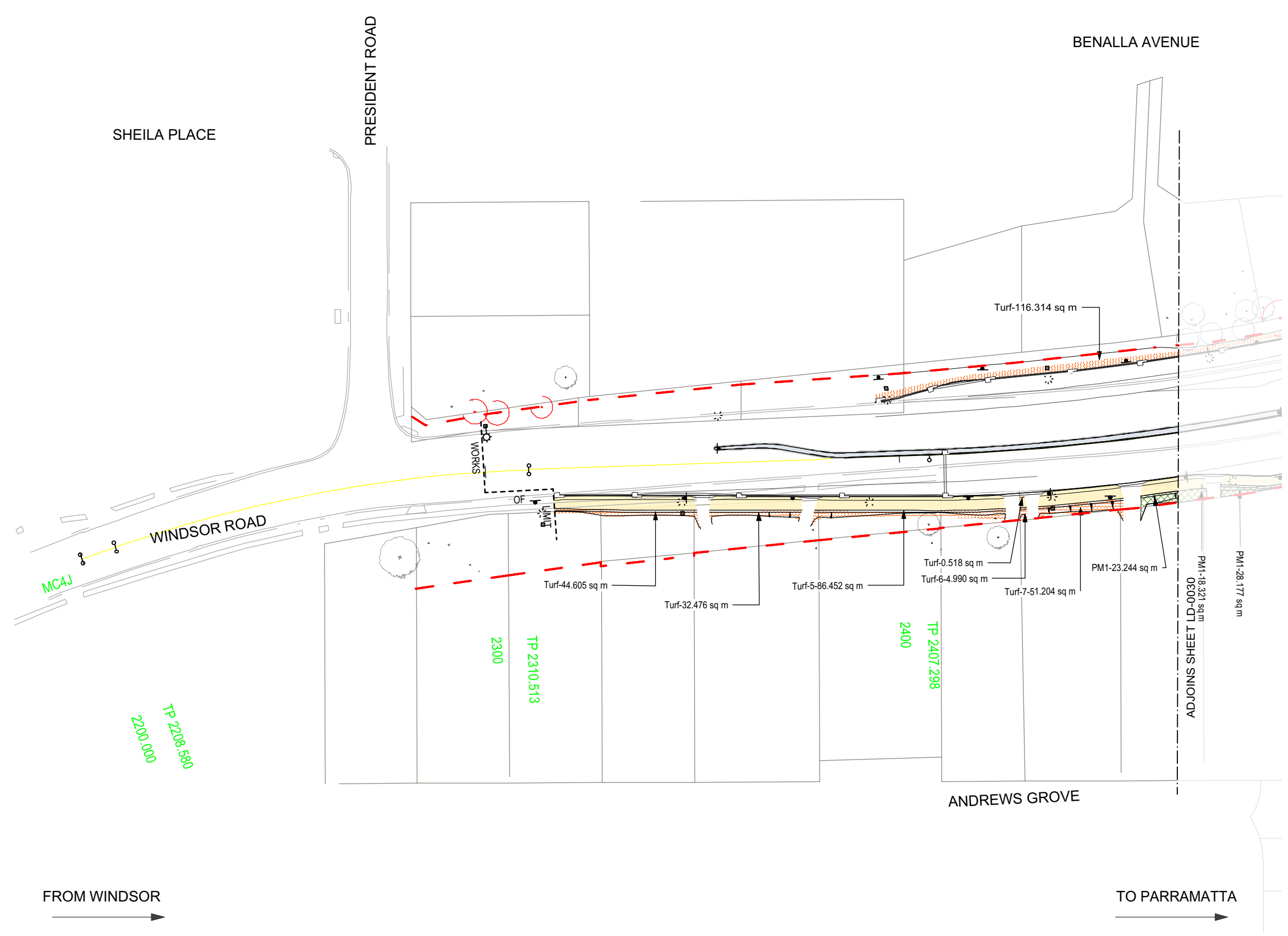
- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▭ CONCRETE PAVEMENT
 - ▭ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▭ RETAINING WALL TYPE 1 (CUT)
 - ▭ RETAINING WALL TYPE 2 (FILL)
 - ▭ PLANT MIX 1 - NATIVE GRASSES
 - ▭ PM1 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - ▭ PM2 PLANT MIX 3 - RIPARIAN PLANTING
 - ▭ PM3 PLANT MIX 4 - SWALE PLANTING
 - ▭ PM4 PLANT MIX 5 - VERGE PLANTING
 - ▭ PM5 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - ▭ PM6 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▭ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▭ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
 - PROPOSED TREES
 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ▭ CULVERT. REFER DRAINAGE PACKAGE



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DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 16 OF 18		A3	
EXTERNAL REFERENCE FILES	REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION ISSUE	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	
						0 15 25 m SCALE 1:1000	spackman mossop michaels	DRAWN Andrew Scoufils 11/06/2020	
						CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	DRG CHECK Todd Cook 11/06/2020	
								DESIGN Andrew Scoufils 11/06/2020	
								DESIGN CHECK Todd Cook 11/06/2020	
								DESIGN MNGR Michael Wright 11/06/2020	
								PROJECT MNGR Michael Wright 11/06/2020	
						PREPARED FOR		NSW GOVERNMENT Transport Roads & Maritime Services	
						RMS REGISTRATION No.		DS2015 / 002302	
						ISSUE STATUS		FOR CONSTRUCTION	
						EDMS No.		SHEET No. LD-0036	
								ISSUE A	

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▒ CONCRETE PAVEMENT
 - ▒ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▒ RETAINING WALL TYPE 1 (CUT)
 - ▒ RETAINING WALL TYPE 2 (FILL)
 - PM1 PLANT MIX 1 - NATIVE GRASSES
 - PM2 PLANT MIX 2 - NATIVE GRASSES, LOW SHRUBS
 - PM3 PLANT MIX 3 - RIPARIAN PLANTING
 - PM4 PLANT MIX 4 - SWALE PLANTING
 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7 PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▒ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▒ ROCK MATTRESS. REFER DRAINAGE PACKAGE
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 - TREES TO BE REMOVED
 - SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ▒ CULVERT. REFER DRAINAGE PACKAGE



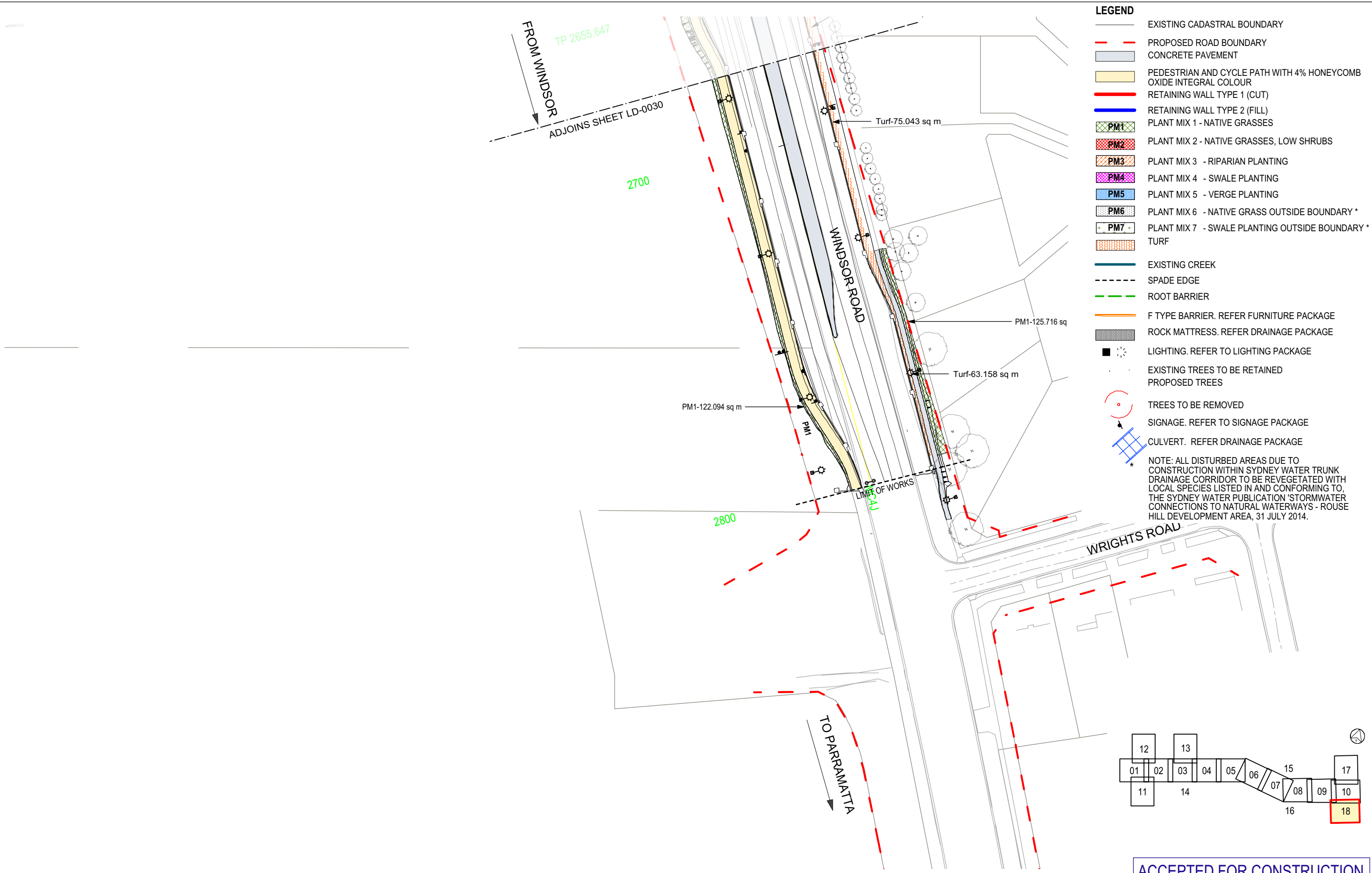
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EXTERNAL REFERENCE FILES		DESIGN LOT CODE	DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 17 OF 18		A3	
REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE	
A	11.06.2020	CONSTRUCTION			0 15 25 m SCALE 1:1000	spackman mossop michaels	DRAWN	Andrew Scoufils	11/06/2020	
					CO-ORDINATE SYSTEM MGA ZONE 56	HEIGHT DATUM AHD	DRG CHECK	Todd Cook	11/06/2020	
							DESIGN	Andrew Scoufils	11/06/2020	
							DESIGN CHECK	Todd Cook	11/06/2020	
							DESIGN MNGR	Michael Wright	11/06/2020	
							PROJECT MNGR	Michael Wright	11/06/2020	
							PREPARED FOR	Transport Roads & Maritime		
							RMS REGISTRATION No.		DS2015 / 002302	
							ISSUE STATUS	EDMS No.	SHEET No.	ISSUE
							FOR CONSTRUCTION		LD-0037	A

- LEGEND**
- EXISTING CADASTRAL BOUNDARY
 - - - PROPOSED ROAD BOUNDARY
 - ▭ CONCRETE PAVEMENT
 - ▭ PEDESTRIAN AND CYCLE PATH WITH 4% HONEYCOMB OXIDE INTEGRAL COLOUR
 - ▭ RETAINING WALL TYPE 1 (CUT)
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 - PM1 PLANT MIX 1 - NATIVE GRASSES
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 - PM5 PLANT MIX 5 - VERGE PLANTING
 - PM6 PLANT MIX 6 - NATIVE GRASS OUTSIDE BOUNDARY *
 - PM7+ PLANT MIX 7 - SWALE PLANTING OUTSIDE BOUNDARY *
 - ▭ TURF
 - EXISTING CREEK
 - - - SPADE EDGE
 - - - ROOT BARRIER
 - F TYPE BARRIER. REFER FURNITURE PACKAGE
 - ▭ ROCK MATTRESS. REFER DRAINAGE PACKAGE
 - ☼ LIGHTING. REFER TO LIGHTING PACKAGE
 - EXISTING TREES TO BE RETAINED
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 - TREES TO BE REMOVED
 - ▲ SIGNAGE. REFER TO SIGNAGE PACKAGE
 - ▭ CULVERT. REFER DRAINAGE PACKAGE

NOTE: ALL DISTURBED AREAS DUE TO CONSTRUCTION WITHIN SYDNEY WATER TRUNK DRAINAGE CORRIDOR TO BE REVEGETATED WITH LOCAL SPECIES LISTED IN AND CONFORMING TO, THE SYDNEY WATER PUBLICATION 'STORMWATER CONNECTIONS TO NATURAL WATERWAYS - ROUSE HILL DEVELOPMENT AREA, 31 JULY 2014.



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DESIGN LOT CODE		DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING		CLIENT		THE HILLS SHIRE COUNCIL MR642 MEMORIAL AVENUE MR642 MEMORIAL AVENUE UPGRADE OLD WINDSOR ROAD TO WINDSOR ROAD LANDSCAPE AND PLANTING LANDSCAPE PLAN SHEET 18 OF 18		A3		
EXTERNAL REFERENCE FILES	REV A	DATE 11.06.2020	AMENDMENT / REVISION DESCRIPTION CONSTRUCTION	WVR No.	APPROVAL	SCALES ON A3 SIZE DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE
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						HEIGHT DATUM AHD		DESIGN	Andrew Scoufils	11/06/2020
								DESIGN CHECK	Todd Cook	11/06/2020
								DESIGN MNGR	Michael Wright	11/06/2020
								PROJECT MNGR	Michael Wright	11/06/2020
						NSW GOVERNMENT		Transport Roads & Mari i		
						PREPARED FOR		RMS REGISTRATION No. DS2015 / 002302		
						ISSUE STATUS		EDMS No.		SHEET No. LD-0038
						FOR CONSTRUCTION				ISSUE A