





	1	2	3	4	5		6
A				M12	MOT	LA	WAY P NDSC/
В				ERAL DD-GHDA ALL LA DRG 609001 DD-GHDA ALL LA DRG 609002			DRAWI
С			M12CE M12CE M12CE M12CE M12CE	D-GHDA ALL LA DRG 609006 D-GHDA ALL LA DRG 609007 D-GHDA ALL LA DRG 609008 D-GHDA ALL LA DRG 609009 D-GHDA ALL LA DRG 609010 D-GHDA ALL LA DRG 609011 D-GHDA ALL LA DRG 609012	2 LANDSCAPING 3 PLANTING SCH 9 PLANTING SCH 9 PLANTING SCH 9 PLANTING SCH	GENERAL N IEDULE - SHE IEDULE - SHE IEDULE - SHE IEDULE - SHE	EET 1 OF 5 EET 2 OF 5 EET 3 OF 5 EET 4 OF 5
D			M12CE M12CE M12CE M12CE M12CE M12CE M12CE M12CE	DSCAPING TYPICAL SEC DD-GHDA ALL LA DRG 609051 DD-GHDA ALL LA DRG 609052 DD-GHDA ALL LA DRG 609053 DD-GHDA ALL LA DRG 609054 DD-GHDA ALL LA DRG 609059 DD-GHDA ALL LA DRG 609060 DD-GHDA ALL LA DRG 609061 DD-GHDA ALL LA DRG 609061	TYPICAL ROADTYPICAL ROADTYPICAL ROADTYPICAL ROADINTERFACE DEINTERFACE DEINTERFACE DEINTERFACE DEINTERFACE DEINTERFACE DEINTERFACE DEINTERFACE DEINTERFACE DE	CROSS SEC CROSS SEC CROSS SEC TAILS - SHEI TAILS - SHEI TAILS - SHEI TAILS - SHEI	CTION - SHEET 2 OF 3 CTION - SHEET 3 OF 3 ET 1 OF 10 ET 2 OF 10 ET 3 OF 10 ET 4 OF 10 ET 5 OF 10
E			M12CE M12CE M12CE M12CE M12CE M12CE M12CE M12CE	DD GHDA ALL LA DRG 609063 DD GHDA ALL LA DRG 609064 DD GHDA ALL LA DRG 609065 DD GHDA ALL LA DRG 609066 I ALIGNMENT - GENERAL DD GHDA ML2 LA DRG 609101 DD GHDA ML2 LA DRG 609102 DD GHDA ML2 LA DRG 609103 DD GHDA ML2 LA DRG 609103	 INTERFACE DE INTERFACE DE INTERFACE DE INTERFACE DE ARRANGEME GENERAL ARR GENERAL ARR GENERAL ARR 	TAILS - SHEI TAILS - SHEI TAILS - SHEI TAILS - SHEI NT PLAN ANGEMENT	ET 7 OF 10 ET 8 OF 10 ET 9 OF 10
F			M12CE M12CE M12CE M12CE M12CE M12CE M12CE M12CE M12CE	DD-GHDA ML2 LA-DRG 609105 DD-GHDA ML2 LA-DRG 609106 DD-GHDA ML2 LA-DRG 609107 DD-GHDA ML2 LA-DRG 609108 DD-GHDA ML2 LA-DRG 609109 DD-GHDA ML2 LA-DRG 609110 DD-GHDA ML2 LA-DRG 609111 DD-GHDA ML2 LA DRG 609112 DD-GHDA ML2 LA DRG 609113	 GENERAL ARR 	ANGEMENT ANGEMENT ANGEMENT ANGEMENT ANGEMENT ANGEMENT ANGEMENT	PLAN - SHEET 5 OF 16 PLAN - SHEET 6 OF 16 PLAN - SHEET 7 OF 16 PLAN - SHEET 8 OF 16 PLAN - SHEET 9 OF 16 PLAN - SHEET 10 OF 16 PLAN - SHEET 11 OF 16 PLAN - SHEET 12 OF 16 PLAN - SHEET 13 OF 16
G	DRAWING COLOUR COE	DED - PRINT ALL COPIES I	M12CE M12CE	DD-GHDA ML2 LA-DRG 609114 DD-GHDA ML2 LA-DRG 609115 DD-GHDA ML2 LA-DRG 609116	GENERAL ARR	ANGEMENT	PLAN - SHEET 14 OF 16 PLAN - SHEET 15 OF 16 PLAN - SHEET 16 OF 16
	REFERENCES:	THIS DRAW	ING MAY BE PREPARED IN COLOUR A	ND MAY BE INCOMPLETE IF COPIED.		SCALE: NTS	
		F ISSUED F	OR TENDER	S.M. 16.09.2021 L.A.	16.09.2021 M.E. 16.09.2021		

Η

D - PRINT ALL	UUP									
	THIS	DRAWING MAY BE PREPARED IN COLOUR AN	ID MAY BE INCOMPLETE IF COPIED.		SCALE: NTS	CLIE		This drawing and the related information have been p and may not be used for any purpose other than the Transport for NSW does not provide any warranties a related information for any purpose other than the inte	ourpose intended by Transport for NSW. Ind accepts no liability arising out of the use of this dr and a purpage. This drawing is protected by copyrig	rawing or any of the
	F	ISSUED FOR TENDER		A. 16.09.2021 M.E. 16.09.202	_		Transport	drawing may be reproduced in any form without the e	xpress written permission of Transport for NSW.	gni anu no pari or im
			S.M. 30.07.2021 L		_	N	SW for NISM	DRAV		16.09.
		ISSUED FOR 100% DETAILED DESIGN ISSUED FOR 80% DETAILED DESIGN		A. 30.06.2021 M.E. 30.06.202 A. 12.02.2021 M.E. 12.02.202		GOVE		CHD DESIG	····	16.09.
		ISSUED FOR 50% DETAILED DESIGN		A. 11.09.2020 M.E. 11.09.202		PRE	PARED FOR:		CHECK KATHY RANDELL	16.09.
		ISSUED FOR 20% DETAILED DESIGN		A. 01.07.2020 M.E. 01.07.202	0	SVL	ONEY PROJECT DELIVERY		N CHECK LEE ALLEN	16.09.
	REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED APPROVED INITIAL/DATE INITIAL/DATE			STERN SYDNEY PROJECT OFFICE		OVEDMARK ELVIDGE	16.09.
	COOF	RDINATE SYSTEM: GDA2020/MGA ZONE 56	CGDA2020 HEIGHT DAT		1		STERN SYDNEY PROGRAM 1-2	GUD	ECT MNGR ALEX HORTON	16.09.
				_						
2		3	4	5		6	7	8	9	

7

8

9

PACKAGE 2 - CENTRAL APE WORKS ING INDEX

LANDSCAPE NODE DETAIL PLAN

LANDSCAPE NODE DETAILS M12CDD-GHDA ML2 LA-DRG 609161 LANDSCAPE DETAIL AREA NODES

M12CDD-GHDA ML2 LA-DRG 609151 LANDSCAPE NODE DETAIL PLAN - SHEET 1 OF 3 M12CDD-GHDA ML2 LA-DRG 609152 LANDSCAPE NODE DETAIL PLAN - SHEET 2 OF 3 M12CDD-GHDA ML2 LA-DRG 609153 LANDSCAPE NODE DETAIL PLAN - SHEET 3 OF 3

M12CDD-GHDA ML2 LA-DRG 609171 LANDSCAPE NODE DETAIL SECTION - SHEET 1 C M12CDD-GHDA ML2 LA-DRG 609172 LANDSCAPE NODE DETAIL SECTION - SHEET 2 (M12CDD-GHDA ML2 LA-DRG 609181 TYPICAL NODE HARDWORK DETAILS - SHEET 1 M12CDD-GHDA ML2_LA-DRG_609182 TYPICAL NODE HARDWORK DETAILS - SHEET 2 M12CDD-GHDA ML2 LA-DRG 609183 TYPICAL NODE HARDWORK DETAILS - SHEET 3

CLIFTON AVENUE - GENERAL ARRANGEMENT PLAN

M12CDD-GHDA CLA LA-DRG 614705 GENERAL ARRANGEMENT PLAN - SHEET 5 OF 5

<u>-</u>

M12CDD-GHDA CLA_LA-DRG 614701 GENERAL ARRANGEMENT PLAN - SHEET 1 OF 5 M12CDD-GHDA CLA LA-DRG 614702 GENERAL ARRANGEMENT PLAN - SHEET 2 OF 5 M12CDD-GHDA CLA LA-DRG 614703 GENERAL ARRANGEMENT PLAN - SHEET 3 OF 5 M12CDD-GHDA CLA_LA-DRG_614704 GENERAL ARRANGEMENT PLAN - SHEET 4 OF 5

WATER TOWER ACCESS ROAD - GENERAL ARRANGEMENT PLAN

M12CDD-GHDA UAR LA-DRG 617601 GENERAL ARRANGEMENT PLAN - SHEET 1 OF 2 M12CDD-GHDA UAR LA-DRG 617602 GENERAL ARRANGEMENT PLAN - SHEET 2 OF 2

SYDNEY UNI ACCESS - GENERAL ARRANGEMENT PLAN M12CDD-GHDA SDU LA-DRG 618401 GENERAL ARRANGEMENT PLAN - SHEET 1 OF 1

SALISBURY AVENUE - GENERAL ARRANGEMENT PLAN M12CDD-GHDA SBA LA-DRG 618751 GENERAL ARRANGEMENT PLAN - SHEET 1 OF 1

ELIZABETH DRIVE - GENERAL ARRANGEMENT PLAN M12CDD-GHDA EDR LA-DRG 619301 GENERAL ARRANGEMENT PLAN - SHEET 1 OF 1

	10	11	12	_
			GDAcco	A
3 3 3				В
OF 2 OF 2 OF 3 OF 3 OF 3				С
				D
				3DD-GHDA-ML2-LA-M3D-000001.rvt TT
				BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-000001.rvt
			FOR TENDER	PLOT DATE & TIME: 9/16/2021 11:50:31 AM O
pose the of this .09.2021 .09.2021 .09.2021 .09.2021 .09.2021		RAL MENT WORKS 2 2 INDER DD-GHDA-ALL-LA-DRG-609002 F	5 SHEET: 1 OF 1 A1 C VER EDMS No. AMD No.	Н
	10	11	12	

	1	2	3	4	5		6		7	8	9
А	<u>GENE</u>	RAL LEGEND		<u>URBAN DE</u>	<u>SIGN ELEMENTS</u>				LANDSCAPE	DESIGN ELEMENTS	
		0006		FURNITUR	<u>E</u>				<u>PLANTINGS</u>		
		~ _	CHAINAGES		LEAF CANOPIES (RE				F	P1a_ PASTURE GRASS	
		MCXX DESIG	I CONTROL STRING LABEL	AULU	WSP DWG M12WDD-	WSP-ALL-N	IS-DRG 600000 TO 6025	500)	F	P2a _ RIPARIAN PLANTING TYPE	1 - BASINS
		 TfNSW	OPERATIONAL BOUNDARY							P2b - RIPARIAN PLANTING TYPE	2 - SWALES
P			SION BOUNDARY	<u>SIGNAGE</u>	LARGE SIGNAGE (SO	G:1)					
В			RUCTION BOUNDARY TRAL BOUNDARY		INTERMEDIATE SIGN	NAGE (SG:2))			P2c _ RIPARIAN PLANTING TYPE	
			RWAY ALIGNMENT		SMALL SIGNAGE (SC					P3a i - (MEDIAN AREA) CUMBER	AND SHALE PLAINS WOODLAND - MEDIA
						m	SIGNAGE (SG:4) TERPRETATION SIGNA	4GF (SG·5)	F	P3a ii - (FILL BATTER AREA) CUN	IBERLAND SHALE PLAINS WOODLAND - I
			RAIL SAFETY BARRIER STRAND WIRE ROPE SAFETY BARRI	FR				NOL (30.3)		P3a iii - (CUT BATTER AREA) CU	MBERLAND SHALE PLAINS WOODLAND -
			EDESTRIAN FENCE	HARDSCAF	<u>PE</u>				F	P3a iv - (FLAT AREA) CUMBERLA	ND SHALE PLAINS WOODLAND - FLAT AF
С		RETAII	IING WALL		HW:01 - GABION WAI	L WITH CO	NCRETE SLAB TOPPIN	IG	F	P3b i - (MEDIAN AREA) SHALE G	RAVEL TRANSITION FOREST - LOW SHRU
		=======	RAINAGE CULVERT EADWALLS		PV:01 - STABILISED [DECOMPOS	ED GRANITE				LE GRAVEL TRANSITION FOREST - LOW
		FLOOD			PV:02 - PORPHYRY (CRAZY PAVE	<u>-</u>				
			ROAD ALIGNMENT (BY OTHERS)		PV:03 - STONE SETT	DRAINAGE	CHANNEL			P3b iii 」 (CUT BATTER AREA) SH	ALE GRAVEL FOREST - LOW SHRUBS, NA
			ETE SCOUR PROTECTION			DIVINUIOL			F	P3b iv _ (FLAT AREA) SHALE GRA	VEL TRANSITION FOREST - LOW SHRUB
D			RIP RAP) SCOUR PROTECTION						F	P3c - SHALE GRAVEL TRANSITIC	ON FOREST - LOW SHRUBS, NATIVE HER
		CAUSE	WAY						F	P3d - SHALE GRAVEL TRANSITIO	ON FOREST - LOW SHRUBS, NATIVE HERI
		CHECK	DAM						F	P4a - (TREE PLANTING) CUMBEI	RLAND SHALE PLAINS WOODLAND - HIGH
		***************************************	RSEAL WEARING COURSE							P4b - (TREE PLANTING) SHALE (GRAVEL TRANSITION FOREST - HIGHER T
			DIUS BOUNDARY DIUS BOUNDARY								
E			BLE SPEED LIMIT SIGN (VSLS)								OAK FOREST -TREES, GROUNDCOVERS
E			EXCLUSION FENCE						F	P4d - (TREE PLANTING) RIVER F	LAT FOREST - TREES, GROUNDCOVERS
			EXCLUSION FENCE - BLACK COATE						F	P5ai. (TREE PLANTING) TIME O	F BURRUGIN - FROSTY AND FLOWERING
			ARY- BLACK COATED						F	P5a ii _ REST NODE CENTRE PLA	NTING
		FF	FENCE - WSPT						F	P5b i 」(TREE PLANTING) TIME O	F WIRITJIRIBIN - COLD AND WINDY
										P5b ii _ REST NODE CENTRE PLA	NTING
F										P5c i - (TREE PLANTING) TIME OI	PARRA'DOWFF - FFI
										P5c ii _ REST NODE CENTRE PLA	
									TREES	BLADY GRASS - TREATMENT ALC	ING BOTH SIDES OF THE SUP WHERE TH
										ELIC our (Eucoluntus ouronioidos)	
G										EUC eug (<i>Eucalyptus eugenioides)</i>	EUC sub (<i>Eucalyptus</i>
									F	FIC rub <i>(Ficus rubiginosa)</i>	
	DRAWING COLOUR COL	DED - PRINT ALL CO	PIES IN COLOUR								
	REFERENCES:	THIS	DRAWING MAY BE PREPARED IN COLOUF	AND MAY BE INCOMPLETE IF COPIED.	SCA	LE: NTS		CLIENT:	and	d may not be used for any purpose other than the purp	ared by, or at the request of, Transport for NSW for a specific purpos ose intended by Transport for NSW. ccepts no liability arising out of the use of this drawing or any of the
		F	ISSUED FOR TENDER ISSUED FOR TENDER		A. 16.09.2021 M.E. 16.09.2021 A. 30.07.2021 M.E. 30.07.2021				Transport	ated information for any purpose other than the intende awing may be reproduced in any form without the expre	d purpose. This drawing is protected by copyright and no part of thi
н			ISSUED FOR 100% DETAILED DESIGN ISSUED FOR 80% DETAILED DESIGN	S.M. 30.06.2021 L.	A. 30.06.2021 M.E. 30.06.2021 A. 12.02.2021 M.E. 12.02.2021			GOVERNMENT	for NSW	DRAWN DESIGNED	RANDIE MANUEL16.09.SARAH MORGAN16.09.
-		A	ISSUED FOR 50% DETAILED DESIGN ISSUED FOR 20% DETAILED DESIGN	S.M. 01.07.2020 L.	A. 11.09.2020 M.E. 11.09.2020 A. 01.07.2020 M.E. 01.07.2020			PREPARED FO	DR: ROJECT DELIVERY	DRG CHE	CK KATHY RANDELL 16.09.
		REV	DESCRIPTION	INITIAL/DATE	VERIFIED APPROVED NITIAL/DATE INITIAL/DATE			WESTERN SY	DNEY PROJECT OFFICE	GHD APPROVE	D MARK ELVIDGE 16.09.
			RDINATE SYSTEM: GDA2020/MGA ZONE 5	56 GDA2020 HEIGHT DATU			-			AR - LANDSCAPING PROJECT	
	1	2	3	4	5		6		7	8	9

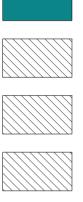




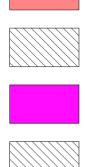


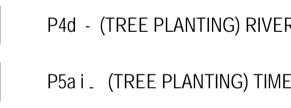




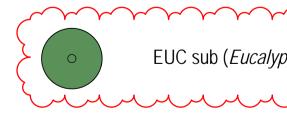












10	11	12	
		GDAcco	A
DIAN PLANTING - FILL BATTERS - HYDRO	SEED + STRAW MULCH		В
) - CUT BATTERS - COMP(AREA (HYDROSEED) RUBS, NATIVE HERBS AN W SHRUBS, NATIVE HERE	OST BLANKET D GRASSES - MEDIAN PLANTING 3S AND GRASSES - HYDROSEED		С
JBS, NATIVE HERBS AND RBS AND GRASSES - FLA			D
R TREE DENSITY WITH LA RS AND LOW SHRUBS RS AND LOW SHRUBS	RGE SHRUBS		0D-GHDA-ML2-LA-M3D-000001.rvt TT
			BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
THERE IS A SUP FENCE		FOR TENDEF	PLOT DATE & TIME: 9/16/2021 11:50:43 AM
nose the of this MAIN ALIGNN D9.2021 00.2021 00.2021 00.2021 00.2021 00.2021 00.2021 00.2021 00.2021 00.2021 00.2021	RAL IENT WORKS 2 PART	5 SHEET: 1 OF 1 A1 VER EDMS No. AMD No. AMD No.	Н

2

3

4

А			
	LANDSCAPE AND REVEGETATION PROCEDURES	SITE PREPARATION	FERTILISER SCHEDULE
	THESE LANDSCAPE PROCEDURES ARE A SUMMARY ONLY AND SHOULD BE READ IN CONJUNCTION WITH TFINSW QA SPECIFICATION R178 'VEGETATION' AND R179 'LANDSCAPE PLANTING'.	1. HERBICIDE APPLICATION FOR TREATMENT OF WEEDS WITHIN 10M OF WATERWAYS WILL BE CARRIED OUT WITH LOW TOXICITY HERBICIDES THAT WILL HAVE A LOW IMPACT ON THE	FERTILISER
	GENERAL LANDSCAPE AND REVEGETATION NOTES	ENVIRONMENT. SELECTED HERBICIDE FOR THESE AREAS SHALL COMPLY WITH THE REQUIREMENTS OF G36 ENVIRONMENTAL PROTECTION AND WILL BE APPROVED BY THE PRINCIPAL PRIOR TO ITS APPLICATION.	SIERRABLEN® FLORA CONTROLLED RELEASE FERTILISER OR TFNSW APPROVED EQUIVALENT
В	 EXTENT OF LANDSCAPE AND REVEGETATION TREATMENTS ARE SUBJECT TO FINAL ENGINEERING ALIGNMENT, DRAINAGE, EARTHWORKS AND DISTURBANCE. A SUITABLY QUALIFIED AND EXPERIENCED ARBORIST (QAF LEVEL 5 WITH 5 YEARS MINIMUM 	 PLANTING PROCEDURES 1. PLANTING LAYOUTS AND DETAILS SHALL BE ACCORDING TO THE LANDSCAPE PLANS. 2. PREPARE PLANTING HOLES IN ACCORDANCE WITH THE PLANTING HOLE DIMENSIONS SET OUT IN 	AGRIFORM [®] PLANTING TABLETS 10 gr OR TfNSW APPROVED EQUIVALENT
	EXPERIENCE) SHALL BE ENGAGED BY YOU TO CARRY OUT THE ASSESSMENT OF THE EXISTING TREES TO BE RETAINED IN ACCORDANCE WITH SPECIFICATION OF TREE PROTECTION MEASURES AND MONITORING OF THE RETAINED TREES DURING THE CONSTRUCTION PERIOD, AND IN ACCORDANCE WITH AS 4970_2009 PROTECTION OF TREES ON DEVELOPMENT SITES.	CLAUSE 3.6.1 OF TFNSW QA SPECIFICATION R179 'LANDSCAPE PLANTING'. 3. AT THE BOTTOM OF EACH PLANTING HOLE, INCORPORATE A SOIL CONDITIONER AND FERTILISER	PELLETISED POULTRY MANURE OR TFNSW HY APPROVED
	 ALL VEGETATION OUTSIDE OF THE PROJECT CONSTRUCTION CLEARING AREA AND IDENTIFIED IN SPECIFICATION AND DRAWINGS IS TO BE PROTECTED AND RETAINED IN ACCORDANCE WITH CLAUSE 3.3 OF TINSW QA SPECIFICATION R179 'LANDSCAPE PLANTING'. 	AND MIX WITH THE TOPSOIL. REFER TO CLAUSE 2.5 OF TFNSW QA SPECIFICATION R179 'LANDSCAPE PLANTING' FOR SOIL CONDITIONER REQUIREMENTS AND TO TABLE 1 FOR FERTILISERS.	EQUIVALENT
С	 A 10.5M CLEARZONE' IS REQUIRED EXCEPT BEHIND SAFTEY FENCE WHERE ' A 2.4m SETBACK FOR WIRE- ROPE SAFETY BARRIERS, A 1.65M SETBACK FOR STEEL RAIL BARRIERS AND 0 SETBACK FOR TYPE F BARRIERS IS REQUIRED.' 	 PLANT TREES AND SHRUBS SHOWN ON THE DRAWINGS AND BACKFILL THE PLANTING HOLE WITH COMPLIANT TOPSOIL. UNIFORMLY LIGHTLY COMPACT THE BACKFILLING AROUND EACH PLANT AND FINISH FLUSH WITH THE MATURAL OUPER OF LEVEL 	1. MAINTENANCE OF ALL LANDSCAPED ACCORDANCE WITH CLAUSE 8 OF TH TINSW QA SPECIFICATION R179 'LAN
	5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERTAKE AN IDENTIFICATION SURVEY OF ANY UNDERGROUND SERVICES UNDER AND WITHIN THE VICINITY OF CONSTRUCTION WORK.	THE NATURAL SURFACE LEVEL. 6. WATER EACH PLANT IMMEDIATELY AFTER THE PLANTING OPERATION IS COMPLETE, THEREAFTER AT THE REGULAR INTERVALS AND THE QUANTITY OF WATER SET OUT UNDER CLAUSE 3.6.4 OF	
	 ALL TREE PLANTING SHALL BE KEPT CLEAR OF OVERHEAD WIRES AND ALL OTHER PUBLIC UTILITIES. FOR OVERHEAD POWERLINES A 15M CLEARANCE ON BOTH SIDES IS REQUIRED THE CONTRACTOR SHALL CONFIDME OCATIONS OF SERVICE FASEMENTS SO AS TO CORRECTLY SETOLT. 	 TfNSW_QA SPECIFICATION R179 'LANDSCAPE PLANTING'. FOR MASS PLANTING AREAS SPREAD WOODCHIP MULCH TO A DEPTH OF 100MM ENSURING THE MULCH IS KEPT CLEAR OF THE PLANT STEM. FOR INDIVIDUAL PLANTING PLACE WOODCHIP MULCH 	
D	 THE CONTRACTOR SHALL CONFIRM LOCATIONS OF SERVICE EASEMENTS SO AS TO CORRECTLY SETOUT AND APPLY THE SPECIFIC TREATMENTS AND PLANT SPECIES FOR THESE AREAS. THE CONTRACTOR MUST ENCLIDE THAT LANDSCARE TREATMENTS ALLOW ACCESS TO FINAL 	 AROUND THE BASE OF THE PLANT AS DETAILED. 8. FOR MASS PLANTING AREAS, PLANTS TO BE SET OUT IN A STAGGERED ARRANGEMENT. 	
	 THE CONTRACTOR MUST ENSURE THAT LANDSCAPE TREATMENTS ALLOW ACCESS TO FINAL LOCATIONS OF ALL SERVICES INCLUDING MANHOLES, VALVES, FIRE HYDRANTS, SWITCHBOARDS, FIELD CABINETS AND ALL OTHER RELEVANT SERVICES. 	9. STAKING AND TYING OF CONTAINER STOCK SHALL BE IN ACCORDANCE WITH CLAUSE 2.4 OF TINSW SPECIFICATION QA R179 'LANDSCAPE PLANTING'.	
	9. AREAS AFFECTED BY THE INSTALLATION OF FENCES/BARRIERS, OR DISTURBED AREAS WHICH ARE BEYOND THE LANDSCAPE TREATMENTS SHOWN ON THE LANDSCAPE PLANS SHALL BE TREATED BY THE ADJOINING LANDSCAPE AND REVEGETATION TREATMENT, NOT WITHSTANDING CLEARANCE AND SETBACK REQUIREMENTS AS DETAILED.	10. INSTALL ENVIRONMENTAL MATTING, JUTE MESH OR SIMILAR APPROVED, TO FULL EXTENT OF PLANTING SWALES, CREEK RESTORATION WORKS AFFECTED BY CREEK FLOWS AND BATTERS OF WATER QUALITY BASINS. MATTING SHALL BE INSTALLED TO MANUFACTURERS SPECIFICATIONS.	
E	 PRIORITISE THE USE OF SITE TOPSOIL THAT HAS BEEN IDENTIFIED AS SUITABLE FOR USE FOR LANDSCAPE AND REVEGETATION WORKS. CARRY OUT TEST OF THE SITE TOPSOIL USING NATA ACCREDITED TESTING LABORATORY TO CONFIRM ITS SUITABILITY. 	11. HYDROMULCH TREATMENTS TO BATTERS MUST (TYPICAL) EXTEND 3m BEYOND TOP OF CUT AND BEYOND TOE OF FILL BATTERS, OR TO THE EXTENT OF EXISTING STABLE VEGETATION. TREATMENTS MUST NOT EXTEND BEYOND ROAD PROPERTY BOUNDARIES UNLESS DISTURBANCE	
L	11. WHERE IMPORTED TOPSOIL IS REQUIRED, IT SHALL COMPLY WITH THE REQUIREMENTS SET OUT IN AS4419 AND THE REQUIREMENTS SET OUT UNDER CLAUSE 2.1.3 OF TFNSW QA SPECIFICATION R178 'IMPORTED TOPSOIL'.	 HAS OCCURRED WHICH WILL REQUIRE REINSTATEMENT WITH ADJACENT LANDSCAPE TREATMENT. 12. HYDROMULCH SHALL COMPRISE THE RELEVANT MATERIALS AND RATES LISTED IN TABLE R178.1 UNDER CLAUSE 3.3.2 OF TINSW QA SPECIFICATION R178 ' VEGETATION'. CELLULOSE FIBRE MULCH 	
	 MEDIANS AND SPLITTER ISLANDS NARROWER THAN 4M WIDE WILL BE CAPPED. CAPPING MATERIAL WILL BE CONSISTENT WITH THE TREATMENTS USED FOR MEDIANS AND SPLITTER ISLANDS THROUGHOUT THE PROJECT. 	WILL BE SUGARCANE MULCH MIXED WITH 20% (BY WEIGHT) OF SHREDDED PAPER AT THE RATE SPECIFIED IN TABLE R178.1.	
	 13. LOCATION OF EXISTING TREES AND CANOPY SPREAD HAS BEEN OBTAINED FROM THE DIGITAL SURVEY AND AERIAL PHOTOGRAPH OF THE SITE. 		
F			
G			
	DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR		
	REFERENCES: THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.	SUALE. INTS ULIENT. and may not be used for any purpose other th	been prepared by, or at the request of, Transport for NSW for a specific purpose an the purpose intended by Transport for NSW. nties and accepts no liability arising out of the use of this drawing or any of the
	Image: Margin and State Image: Margin	E 16.00 0001	nties and accepts no liability arising out of the use of this drawing or any of the the intended purpose. This drawing is protected by copyright and no part of this ut the express written permission of Transport for NSW.
Н	D ISSUED FOR TENDER S.M. 30.07.2021 L.A. 30.07.2021 M.E C ISSUED FOR 100% DETAILED DESIGN S.M. 30.06.2021 L.A. 30.06.2021 M.E B ISSUED FOR 80% DETAILED DESIGN S.M. 12.02.2021 L.A. 12.02.2021 M.E	E. 30.06.2021	DRAWNRANDIE MANUEL16.09.2DESIGNEDSARAH MORGAN16.09.2CONTRACTKATUX DANDELL16.09.2
	AISSUED FOR 50% DETAILED DESIGNS.M. 11.09.2020L.A. 11.09.2020M.EREVDESCRIPTIONDESIGNERVERIFIEDAINITIAL/DATEINITIAL/DATEINITIAL/DATEINITIAL/DATE	E. 11.09.2020 APPROVED NITIAL/DATE SYDNEY PROJECT OFFICE GHD GHD	DRG CHECKKATHY RANDELL16.09.2DESIGN CHECKLEE ALLEN16.09.2APPROVEDMARK ELVIDGE16.09.2
	COORDINATE SYSTEM: GDA2020/MGA ZONE 56 GDA2020 HEIGHT DATUM: AHD 71 1 2 3 4	WESTERN SYDNEY PROGRAM 1-2 AR - LANDSCAPING 5 6 7 8	PROJECT MNGR ALEX HORTON 16.09.2

5		

6

7

8

9

FERTILISER	LOCATION	N : P : K RATIO	APPLICATION RATE
SIERRABLEN® FLORA CONTROLLED RELEASE FERTILISER OR TFNSW APPROVED EQUIVALENT	MASS PLANTING AREAS	21-1.8-9-TE	5-8kg/100m2
AGRIFORM [®] PLANTING TABLETS 10 gr OR TfNSW APPROVED EQUIVALENT	INDIVIDUAL PLANTING	20-4.3-4.1-TE	2 PER TREE 1 PER SHRUB 1 PER GROUNDCOVER
PELLETISED POULTRY MANURE OR TfNSW APPROVED EQUIVALENT	HYDROMULCH AREAS	-	250kg/ha

APED AND REVEGETATED WORKS SHALL BE CARRIED OUT IN OF TfNSW QA SPECIFICATION R178 'VEGETATION' AND CLAUSE 4 OF 9 'LANDSCAPE PLANTING'.

10

11

12



А

В

С

D

01.rvt

-LA-M3D-0000

4239 - M12 **-1**

9/16/202



Irpose f the	M12 MOT	ORWAY							
of this	PACKAGE 2 - CENT								
6.09.2021	MAIN ALIGNN								
6.09.2021	LANDSCAPING GEN	ERAL							
6.09.2021	NOTES								
6.09.2021	FILE No. DS2020/00067	2	PART	5	SHEET:	1	OF	1	A1
6.09.2021	STATUS: ISSUED FOR TE	ENDER							\bigcirc
6.09.2021	DRG No. M12CD	D-GHDA-ALL-LA-DRG-609007	rev E	ver 0	EDMS No.			AMD N	lo.
	10	11				12			

Н

1	۱	
	l	

В

С

D

Е

F

3

2

P1a	Pasture Grass					Total m ² : 16,7
	Couch					
P2a	Riparian Planting - Type 1					Total m ² : 25,4
- Must tole	ice Requirements: rate periodic inundation vide channel and bank stabilisat	tion				
- Followin	anting Time: g completion of earthworks commencement of periods of he	eavy rainfall				
Code	Botanical name	Common Name	Container size	Density /m ²	Percentage	Quantity (no
BAU art	Baumea articulata	Jointed twig rush	Forestry tube	2.00	16%	8,
JUN usi	Juncus usitatus	Common Rush	Forestry tube	2.00	14%	7,
LOM lon	Lomandra longifolia	Basket grass	Forestry tube	1.00	14%	3,
CAR app	Carex appressa	Tall sedge	Forestry tube	1.00	7%	1,
DIA cae	Dianella caerulea	Blue flax lily	Forestry tube	2.00	14%	7,
IMP cyl	Imperata cylindrica	Cogon grass	Forestry tube	1.00	7%	1,
LOM byc	Lomandra hystrix	Green mat rush	Forestry tube	1.00	14%	3,
LOM hys						
FIC nod	Ficinea nodosa	Club rush	Forestry tube	2.00	14%	
FIC nod	Riparian planting - Type 3 -		Forestry tube	2.00	14%	
FIC nod P2c Performan -Must toler	<i>Riparian planting - Type 3 -</i> ace Requirements: rate periodic inundation	Wetlands	Forestry tube	2.00	14%	
FIC nod FIC nod Performan -Must toler -Must prov Optimal PI - Followin	<i>Riparian planting - Type 3 -</i> ace Requirements:	<i>Wetlands</i>	Forestry tube	2.00	14%	
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code	Riparian planting - Type 3 - ace Requirements: rate periodic inundation vide channel and bank stabilisati anting Time: g completion of earthworks commencement of periods of he Botanical name	<i>Wetlands</i>	Forestry tube Container size	2.00	Percentage	Total m ² : 4,
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet	Riparian planting - Type 3 - ace Requirements: rate periodic inundation vide channel and bank stabilisati anting Time: g completion of earthworks commencement of periods of he Botanical name land	Wetlands	Container size	Density /m ²	Percentage	Total m ² : 4,
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art	Riparian planting - Type 3 -ace Requirements:rate periodic inundationvide channel and bank stabilisatianting Time:g completion of earthworkscommencement of periods of heBotanical namelandBaumea articulata	Wetlands	Container size Forestry tube	Density /m² 9.00	Percentage 16%	Total m ² : 4,
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph	Riparian planting - Type 3 - ice Requirements: rate periodic inundation ride channel and bank stabilisation ride channel and bank stabilisation anting Time: g completion of earthworks commencement of periods of he Botanical name land Baumea articulata Eleocharis sphacelata	Wetlands	Container size Forestry tube Forestry tube	Density /m² 9.00 9.00	Percentage 16% 16%	Total m ² : 4,
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val	Riparian planting - Type 3 - ice Requirements: rate periodic inundation vide channel and bank stabilisation vide channel and bank stabilisation anting Time: g completion of earthworks commencement of periods of he Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus	Wetlands	Container size Forestry tube	Density /m² 9.00	Percentage 16%	Total m ² : 4,
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val Shallow V	Riparian planting - Type 3 - ice Requirements: rate periodic inundation vide channel and bank stabilisation vide channel and bank stabilisation anting Time: g completion of earthworks commencement of periods of here Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus	Wetlands	Container size Forestry tube Forestry tube Forestry tube Forestry tube	Density /m² 9.00 9.00 9.00	Percentage 16% 16% 18%	Total m ² : 4,
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val Shallow V Bau rub	Riparian planting - Type 3 - ice Requirements: rate periodic inundation ride channel and bank stabilisation ride channel and bank stabilisation ride channel and bank stabilisation anting Time: g completion of earthworks commencement of periods of here Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus Vetland Baumea rubiginosa	Wetlands	Container size Forestry tube	Density /m² 9.00 9.00 9.00 9.00	Percentage 16% 16% 16%	Total m ² : 4, Quantity (no
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val Shallow V Bau rub BOL flu	Riparian planting - Type 3 - ice Requirements: rate periodic inundation ride channel and bank stabilisati anting Time: g completion of earthworks commencement of periods of he Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus Vetland Baumea rubiginosa Bolboschoenus fluviatilis	Wetlands	Container size Forestry tube Forestry tube	Density /m² 9.00 9.00 9.00 9.00 9.00 9.00 9.00	Percentage 16% 16% 16% 16% 16%	-
FIC nod P2c Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val Shallow V	Riparian planting - Type 3 - ice Requirements: rate periodic inundation ride channel and bank stabilisation ride channel and bank stabilisation ride channel and bank stabilisation anting Time: g completion of earthworks commencement of periods of here Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus Vetland Baumea rubiginosa	Wetlands	Container size Forestry tube	Density /m² 9.00 9.00 9.00 9.00	Percentage 16% 16% 16% 16%	Total m ² : 4, Quantity (no 5,975 5,975
FIC nod Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val Shallow V Bau rub BOL flu	Riparian planting - Type 3 - ice Requirements: rate periodic inundation ride channel and bank stabilisati anting Time: g completion of earthworks commencement of periods of he Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus Vetland Baumea rubiginosa Bolboschoenus fluviatilis	Wetlands	Container size Forestry tube Forestry tube	Density /m² 9.00 9.00 9.00 9.00 9.00 9.00 9.00	Percentage 16% 16% 16% 16% 16%	Total m ² : 4, Quantity (no 5,975 5,975
FIC nod Performan -Must toler -Must prov Optimal Pl - Followin - Prior to o Code Deep Wet BAU art ELO sph SCH val Shallow V Bau rub BOL flu	Riparian planting - Type 3 - ice Requirements: rate periodic inundation ride channel and bank stabilisati anting Time: g completion of earthworks commencement of periods of he Botanical name land Baumea articulata Eleocharis sphacelata Schoeneplectus validus Vetland Baumea rubiginosa Bolboschoenus fluviatilis	Wetlands	Container size Forestry tube Forestry tube	Density /m² 9.00 9.00 9.00 9.00 9.00 9.00 9.00	Percentage 16% 16% 16% 16% 16%	Total m ² : 4, Quantity (no 5,975 5,975 5,975 6,721

G

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

	REFERENCES:		THIS DRAWING MAY BE PREPARED IN COLOUR	AND MAY BE INCOMPLETE IF COPIED.	SCALE:	NTS	CLIENT:	This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific and may not be used for any purpose other than the purpose intended by Transport for NSW.				
Н		E ISSUED FOR TENDER D ISSUED FOR TENDER C ISSUED FOR 100% DETAILED DESIGN B ISSUED FOR 80% DETAILED DESIGN A ISSUED FOR 50% DETAILED DESIGN REV DESCRIPTION		S.M. 30.07.2021 L. S.M. 30.06.2021 L. S.M. 12.02.2021 L. S.M. 11.09.2020 L. DESIGNER DESIGNER	.A. 16.09.2021 M.E. 16.09.2021 .A. 30.07.2021 M.E. 30.07.2021 .A. 30.06.2021 M.E. 30.06.2021 .A. 12.02.2021 M.E. 12.02.2021 .A. 11.09.2020 M.E. 11.09.2020 VERIFIED APPROVED INITIAL/DATE INITIAL/DATE		PREPARED FOR: SYDNEY PROJECT DELIVERY WESTERN SYDNEY PROJECT OFFICE	GHD Pty Ltd DESIG	nded purpose. This drawing is protected by copyrig xpress written permission of Transport for NSW.			
			COORDINATE SYSTEM: GDA2020/MGA ZONE 56	GDA2020 HEIGHT DATU	JM: AHD 71		WESTERN SYDNEY PROGRAM 1-2		ECT MNGR ALEX HORTON	16.09.20		
	1	2	3	4	5	6	7	8	9			

7		8		9			10		11			12	
P2b Performance -Must tolerate -Must provide Optimal Plan - Following c	<i>Riparial</i> e Requireme e periodic ir e channel a nting Time: completion o		roinfoll							Total m ² :	77,321	GDA 2020	A
Code BAU art CAR app FIC nod JUN usi LEP lat LOM lon Total weight	Botanic Baumea Carex a Ficinea Juncus Lepidos Lomano	al name narticulata ppressa nodosa		Common Name Jointed twig rush Blue flax lily Club rush Common rush Variable swordsedge Basket grass	e		Minimum Applic (kg/ha) 1.25 1.75 1.75 1.75 1.25 1.25 1.25		Q 9,665	uantity (g) <u>13,531</u> 13,531			В
P3a (i) Cumberland Shale Plains Woodland - Median Planting 65,723 Parformance Requirements: 7,665 -No in-frangible plant species 9,665 -Mature height must not obscure sight lines 9,665 -Plant species should be suitable for median planting conditions 9 Optimal Planting Time: - - Following completion of road construction. -												С	
- Prior to con - Time of year Code E ARI ram A ART mill A DIA Ion A DIC mic A THE tri	ior to commencement of road operation me of year suitable for nominated plant species. le Botanical name Common Name Container size Density /m ² Percentage Quantity (no.) ram Aristida ramosa Purple wiregrass Tubestock 3.00 15% mill Arthropodium milleflorum Vanilla lily Tubestock 3.00 10% lon Dianella longifolia Spreading flax lily Tubestock 2.00 25% mic Dichelachne micrantha Shorthair plume grass Tubestock 4.00 25% 7,720									D			
-Mature heig Optimal Plan - Following c	e Requireme ble plant sp tion should ht must not nting Time: completion o	ents: ecies include a cross section obscure sight lines of batter construction to	n of pionee o provide k	<i>Fill Batters - Hydrosee</i> r species, grasses, herb patter stabilisation.						5,147 25,734 10580 Total m ² :	73,821		DD-GHDA-ML2-LA-M3D-000001.rvt TT
- Time of yea Code Cover Crop ECH esu Grasses and	Botanic Species Echinoc Secale d		ecies.	Common Name Japanese Millet @ 2 months) or Rye Corr months)	0	•	Minimum Applic (kg/ha) 20-25)		uantity (g) 642 to 184,5			BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
ARI ram ART mil DIA lon DIC mic THE aus WAH gra Total weight	Dianella Dichelac Themed Wahleni	ramosa odium milleflorum longifolia chne micrantha la australis bergia gracilis		 Purple wiregrass Vanilla lily Spreading flax lily Shorthair plume grass Kangaroo grass Australian bluebell 	SS		1.75 1.25 1.25 1.25 1.25 1.75 1.25		9,228 9,228 9,228 9,228	12,919 12,919	62,748		9/16/2021 11:51:12 AM O
Transp for NS OR: ROJECT DELI DNEY PROJECT (YDNEY PROGRA	VERY OFFICE	may not be used for any purpose oth sport for NSW does not provide any v ed information for any purpose other	ner than the purpo warranties and ac than the intended	cepts no liability arising out of the use of a purpose. This drawing is protected by ss written permission of Transport for NS RANDIE MANUEL SARAH MORGAN K KATHY RANDELL ECK LEE ALLEN MARK ELVIDGE	of this drawing copyright an	g or any of the	M12 MOT PACKAGE 2 - CENT MAIN ALIGNN LANDSCAPE PLANTING SCHEDU FILE NO. DS2020/00067 STATUS: ISSUED FOR TH DRG NO. M12CE	RAL IENT WORKS LE 2			5 SHI VER EDM 0	ET: 1 OF 5 A1 © S No. AMD No. 12	H

7	8		9		10	0 11 12					
SEEDING S	SCHEDULE								GDA 2020		
	parian Seeding - Type 2						Total m ² :	77,321	2020		
Performance Require -Must tolerate perior											А
-Must provide chanr	nel and bank stabilisation										
Optimal Planting Tir - Following complet	tion of earthworks										
	cement of periods of heavy in tanical name	rainfall	Common Nomo		Minimum Annlia	ation rate	Quantity (a)				
Code Bot			Common Name		Minimum Applic (kg/ha)		Quantity (g)				
	umea articulata		Jointed twig rush		1.25						
	rex appressa inea nodosa		Blue flax lily Club rush		1.75 1.75						В
	ncus usitatus pidosporma latoralo		Common rush Variable swordsedge		1.25 1.25		13,531				
	oidosperma laterale mandra longifolia		Basket grass		1.25		13,531				
Total weight							9,665				
							<u>65,723</u>				
P3a (i) Cumbe Performance Requi	e <i>rland Shale Plains Wood</i> irements [.]	land - Media	an Planting				9,665 Total m ² : 9,665	25,734			
-No in-frangible plar	nt species						9,665				С
	st not obscure sight lines Ild be suitable for median pl	anting condi	tions								
Optimal Planting Tir	me:										
ů l	tion of road construction.										
	able for nominated plant spe	ecies.									
	cal name a ramosa	Common N Purple wirec		Container size Tubestock	Density /m ² 3.00	Perce		' (no.)			
ART mill Arthrop	oodium milleflorum	Vanilla lily		Tubestock	3.00	10	%				D
	la longifolia achne micrantha	Spreading fl Shorthair plu		Tubestock Tubestock	2.00	25 10					
THE tri Theme	eda triandra	Kangaroo gr Australian b	rass	Tubestock	4.00	25	11120				
WAH gra Wahler	nbergia gracilis	AUSUAIIAITU		Tubestock	3.00	15	5,147				
							25,734 10580 10tal m²:	70.001			001.rvt
P3a (ii) Cur Performance Requi	<i>mberland Shale Plains Wo</i> irements:	odland - Fi	Il Batters - Hydroseed	+ Straw mulch			10tal m²:	13,821			00001
-No in-frangible plar	nt species ould include a cross section	of pioneer s	species, grasses, herbs a	ind aroundcovers							A-M3D-
	st not obscure sight lines	er pierreer e	,pooloo, g. doooo, noi do c								-ML2-L
Optimal Planting Tir	me: etion of batter construction to	n nrovido hat	ttor stabilisation								-GHDA
Ű,	able for nominated plant spe	•									112 C D C
Code Bot	tanical name		Common Name		Minimum Applic		Quantity (g)				orway/N
	~~				(kg/ha))					112 Mot
Cover Crop SpecieECH esu	es hinochlora esculenta or		Japanese Millet @ 20k	g/ha (warmer							239 - M
Sec	cale cereale		months) or Rye Corn @ months)		20-25		147,642 to 184,	553			/12514
Grasses and grou	ndcovers		,								BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
	stida ramosa hropodium milleflorum		Purple wiregrass Vanilla lily		1.75 1.25						
DIA lon Dial	nella longifolia		Spreading flax lily		1.25		12,919				1:12 AI
	helachne micrantha emeda australis		Shorthair plume grass Kangaroo grass		1.25						21 11:5
WAH gra Wai	hlenbergia gracilis		Australian bluebell		1.25			(2.740			9/16/2021 11:51:12 AM O
Total weight							9,228 12,919	02,748			
							9,228 9,228	F	OR TEN	DER	JT DATE 8
	This drawing and the related information h			<i>W</i> for a specific purpose				•			bT(
Transcent	and may not be used for any purpose oth Transport for NSW does not provide any w related information for any purpose other a drawing may be reproduced in any form w	arranties and accep han the intended pu	nts no liability arising out of the use of this Irpose. This drawing is protected by cop		M12 MOT PACKAGE 2 - CENT		9,228				
for NSW		DRAWN	RANDIE MANUEL	16.09.2021	MAIN ALIGNN	/IENT					
	GHD	DESIGNED	SARAH MORGAN	16.09.2021	LANDSCAPE						Н
FOR: PROJECT DELIVERY	GHD Pty Ltd	DRG CHECK Design Check	KATHY RANDELL	16.09.2021 16.09.2021	FILE No. DS2020/00067	2	PART	5 SHEE	T: 1 OF	5 A1	
SYDNEY PROJECT OFFICE	GHD	APPROVED	MARK ELVIDGE	16.09.2021 16.09.2021	STATUS: ISSUED FOR TE DRG No.	ENDER		VER EDMS		C MD No.	
SYDNEY PROGRAM 1-2	AR - LANDSCAPING	PROJECT MNG	N	10.03.2021	M12CD)D-GHDA-ALL-	LA-DRG-609008 E	0			
7	8		9		10		11		12		

7		8		9			10 11 12							
SEEDIN	NG SC	HEDULE										GDA	0	
P2b		an Seeding - Type 2								Total m ² :	77,321	2020		
Performance -Must tolerat														А
-Must provid	le channel	and bank stabilisation												
	completion	of earthworks ent of periods of heavy	rainfall											
Code	Botani	cal name		Common Name			Minimum Applic (kg/ha)		C)uantity (g)				
BAU art		ea articulata		Jointed twig rush			1.25							
CAR app FIC nod		appressa nodosa		Blue flax lily Club rush			1.75 1.75							В
JUN usi		susitatus		Common rush			1.25			13,531				
LEP lat LOM lon		sperma laterale dra longifolia		Variable swordsedge Basket grass	e		1.25			13,531				
Total weigh				· · · · · · · · · · · · · · · · · · ·					9,665					
										45 700				
P3a (i)	Cumberla	nd Shale Plains Wood	lland - Med	lian Planting					9,665 0.665	65,723 Total m ² :	25,734			
Performance	•								9,665 9,665					С
-No in-frangi -Mature heic		pecies It obscure sight lines												
		e suitable for median p	lanting con	ditions										
Optimal Plan														
•	•	of road construction. ent of road operation												
- Time of ye	ear suitable	for nominated plant spe	ecies.											
	Botanical Aristida rai		Common			ner size estock	Density /m ² 3.00		entage 5%	Quantity	(no.)			
		ium milleflorum	Purple wire Vanilla lily	0		estock	3.00		0%					D
	Dianella lo	0	Spreading	,		estock	2.00		25%	11 500				
	Dicneiachi Themeda i	ne micrantha triandra	Snorthair p Kangaroo	olume grass	estock estock	2.00		<u>0%</u> 25%	11,580 7,720					
		rgia gracilis	Australian	•		estock	3.00		5%	12,867				
										5,147 25,734				
P3a (ii)	Cumbe	erland Shale Plains W	oodland - l	Fill Batters - Hydrosee	ed + Strau	v mulch				10tal m ² :	73,821			001.rvt
Performance	e Requirem	nents:												0000-0
-No in-frangi	ible plant s ction should	pecies I include a cross sectior	n of pioneer	species, grasses, herb	os and grou	undcovers								A-M3[
		t obscure sight lines	·		Ū									-ML2-I
Optimal Plan	0			attar atabiliaatian										BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
U U U		of batter construction to for nominated plant spo												12CDD
Code	Botani	cal name		Common Name			Minimum Applic	ation rate	C	Quantity (g)				way/M1
COUC	Dotain						(kg/ha)			ganning (g)				Motor
Cover Crop	•													- M12 T
ECH esu		chlora esculenta or cereale		Japanese Millet @ 2 months) or Rye Corr	. .		20-25		1/7/	642 to 184,	553			514239 -
				months)		(20 23		, 177 v	542 (0 104,	555			0://125
Grasses an							4.75							3IM 36
ARI ram ART mil		a ramosa podium milleflorum		Purple wiregrass Vanilla lily			1.75							AM
DIA lon	Dianell	a longifolia		Spreading flax lily			1.25			12,919				i1:12 A
DIC mic THE aus		achne micrantha da australis		Shorthair plume gras Kangaroo grass	SS		1.25			•				21 11:5
WAH gra	Wahler	nbergia gracilis		Australian bluebell			1.25							9/16/2021 11:51:12 / D
Total weigh	nt								9,228	12,919	62,748			& TIME: 9,
									9,228			FOR TEN		DATE & T
									9,228			FUK IE	NDEK	PLOT
	an Tra	is drawing and the related information of d may not be used for any purpose oth ansport for NSW does not provide any w	ner than the purpos warranties and acc	e intended by Transport for NSW. epts no liability arising out of the use o	of this drawing or	any of the	M12 MOT	ORWA	Y ,228					
Trans		ated information for any purpose other awing may be reproduced in any form				o part of this	PACKAGE 2 - CENT							
for NS			DRAWN	RANDIE MANUEL		16.09.2021	MAIN ALIGNN	WORKS						
DR:		GHD	DESIGNED _ DRG CHECK	SARAH MORGAN KATHY RANDELL		16.09.2021 16.09.2021	PLANTING SCHEDU	LE						Н
ROJECT DEL		GHD Pty Ltd	DESIGN CHE	CK LEE ALLEN		16.09.2021	FILE No. DS2020/00067			PART	5 SH	IEET: 1 OF	5 A1	
DNEY PROJECT Ydney progr <i>i</i>		GHD AR - LANDSCAPING	APPROVED . PROJECT MI	MARK ELVIDGE		16.09.2021 16.09.2021	STATUS: ISSUED FOR TE DRG No.					MS No.	C AMD No.	
								ש-טרש-AL		609008 E	0			J
7				Q			10		11		1	12		

7		8		9		10	11			12		
SEEDI	NG SCI	HEDULE	·,		I					GDA 2020		
P2b		an Seeding - Type 2						Total m ² :	77,321	2020		1
Performance -Must tolerate	•)	А
-Must provide	de channel a	and bank stabilisation)	
	completion of	of earthworks ent of periods of heavy	rainfall									
Code		cal name		Common Name		Minimum Applic (kg/ha)		Quantity (g)				
BAU art		ea articulata		Jointed twig rush		1.25)	
CAR app FIC nod		appressa nodosa		Blue flax lily Club rush		1.75 1.75)	В
JUN usi	Juncus i	susitatus		Common rush		1.25		13,531)	1
LEP lat LOM lon		sperma laterale dra longifolia		Variable swordsedge Basket grass		1.25		<u>13,531</u>)	
Total weight		Πατοποιια		Dasker grade		•• •	9,665)	
								- 700)	1
P3a (i)	Cumberlar	nd Shale Plains Wood	dland - Mec	lian Planting			9,665	65,723 Total m ² : 2)	1
Performance	e Requireme	nents:					9,665 9,665)	
-No in-frangil		pecies It obscure sight lines					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				ļ	С
		be suitable for median pl	planting conc	ditions							ļ	1
Optimal Plan	nting Time:)	
•	•	of road construction. ent of road operation									ļ	'
		for nominated plant spe	vecies.)	1
	Botanical n		Common N		Container size	Density /m ²	v	Quantity	/ (no.)		ļ	
	Aristida ram Arthropodiu		Purple wire Vanilla lilv	-0	Tubestock Tubestock	3.00	15%)	
	Arthropodiu Dianella lon	ium milleflorum Ingifolia	Vanilla lily Spreading f		Tubestock Tubestock	3.00 2.00	10% 25%)	D
DIC mic	Dichelachne	ne micrantha	Shorthair pl	olume grass	Tubestock	2.00	10%	11,580)	1
	Themeda tri Wahlenberg		Kangaroo g Australian k	•	Tubestock Tubestock	4.00	<u> </u>	7,720)	1
	VValitoria	Jia yraons	MUJu Gine.			0.00		5,147			Ţ	
								25,734)	۲
P3a (ii) Performance			oodland - F	Fill Batters - Hydroseea	I + Straw mulch			11,580 Total m ² :	73,821)	00001.rvt
Performance	•)	BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
			n of pioneer	r species, grasses, herbs	and groundcovers)	Z-LA-M
	•	t obscure sight lines									ļ	JA-ML2
	completion of	of batter construction to		atter stabilisation.)	D-GHD
		for nominated plant spe									}	112CDI
Code	Botanic	cal name		Common Name		Minimum Applic		Quantity (g)))	rway/N
						(kg/ha)))	2 Moto
Cover Crop ECH esu	•	chlora esculenta or		Japanese Millet @ 20	Walka (warmer)	- F
EULION	Secale c			months) or Rye Corn	0 1	20-25	J 147	,642 to 184,5	.553)	251423
				months)							ļ	30://12
Grasses and ARI ram		covers a ramosa		Purple wiregrass		1.75)	BIM 36
ART mil	Arthropo	odium milleflorum		Vanilla lily		1.25)	AM
DIA lon	Dianella	a longifolia		Spreading flax lily		1.25		12,919			ļ	51:12 /
DIC mic THE aus		achne micrantha Ida australis		Shorthair plume grass Kangaroo grass	<u>,</u>	1.25)	21 11:5
WAH gra	Wahlent	nbergia gracilis		Australian bluebell		1.75)	9/16/2021 11:51:12 A D
Total weight	lt						9,228	12,919	62,748)	
							9,228		F (.ot date & time:
							9,228			OR TEN	DEK	PLOT D.
	and	d may not be used for any purpose oth	ther than the purpose	ed by, or at the request of, Transport for N se intended by Transport for NSW. cepts no liability arising out of the use of th		M12 M07	TORWA¥,228					
Transp	relate	lated information for any purpose other	er than the intended p	cepts no liability arising out of the use of th purpose. This drawing is protected by co s written permission of Transport for NSW.	copyright and no part of this	PACKAGE 2 - CENT	TRAL				ļ	1
for NS			DRAWN	RANDIE MANUEL	16.09.2021	MAIN ALIGNN					ļ	1
		GHD	DESIGNED	SARAH MORGAN	16.09.2021	PLANTING SCHEDU					ļ	н
DR: ROJECT DELI			DRG CHECK _ Design Chec		16.09.2021 16.09.2021	FILE No. DS2020/00067	270	PART	5 SHEET:	: 1 OF 5	5 A1	1
DNEY PROJECT	OFFICE	GHD Pty Ltd GHD	APPROVED	MARK ELVIDGE	16.09.2021	STATUS: ISSUED FOR TE					O	1
YDNEY PROGRA		AR - LANDSCAPING	PROJECT MN	NGR ALEX HORTON	16.09.2021	DRG No. M12CE	DD-GHDA-ALL-LA-DRG-		VER EDMS No. 0		AMD No.	
7	,	l g		Q		10	11	1	1	12		

1	

В

С

D

Е

F

P3a(iii)	Cumberland Shale Plains Wood	land - Cut Batters - Compost Blanket		Total m ²
· · · ·	Requirements:			
	•			
- Plant select	tion should include a cross section of p	bioneer species, grasses, herbs and groundcovers		
	ht must not obscure sight lines			
Optimal Plan	ting Time:			
- Following a	completion of batter construction to pro	ovide batter stabilisation.		
- Time of yea	ar suitable for nominated plant species			
Code	Botanical name	Common Name	Minimum Application rate	Quantity (g
			(kg/ha)	
Cover Crop	Snecies			
ECH esu	<i>Echinochlora esculenta or</i>	Japanese Millet @ 20kg/ha (warmer		
	Secale cereale	months) or Rye Corn @ 25kg/ha (cooler	20-25	63,422 to 79,
		months)		50, 122 (O 7),
Grasses and	d groundcovers			
ARI ram	Aristida ramosa	Purple wiregrass	1.75	
ART mil	Arthropodium milleflorum	Vanilla lily	1.25	
DIA lon	Dianella longifolia	Spreading flax lily	1.25	
DIC mic	Dichelachne micrantha	Shorthair plume grass	1.25	
THE aus	Themeda australis	Kangaroo grass	1.75	
WAH gra	Wahlenbergia gracilis	Australian bluebell	1.25	
Total weight	t			5,54 9
				3,964
				3,964 3,964 26,954
				J,704
P3a (iv)	Cumberland Shale Plains Wood	land - Flat area (Hydroseed)		5,549 3,964 Total m ² :
Performance	Requirements:			5,704
-No in-frangil - Plant select	ole plant species tion should include a cross section of p	bioneer species, grasses, herbs and groundcovers		
	ht must not obscure sight lines			
Optimal Plan	ting Time:			
	completion of batter construction to pro	ovide batter stabilisation.		
0	ar suitable for nominated plant species			
Code	Botanical name	Common Name	Minimum Application rate (kg/ha)	Quantity (
Cover Crop	Species		-	
ECH esu	<i>Echinochlora esculenta or</i>	Japanese Millet @ 20kg/ha (warmer		
LOHESU	Socale coreale	months) or Pye Corp @ 25kg/ba (cooler		

Code	Botanical name	Common Name	Minimum Application rate (kg/ha)	Quantity (g)
Cover Crop	Species			
ECH esu	<i>Echinochlora esculenta or Secale cereale</i>	Japanese Millet @ 20kg/ha (warmer months) or Rye Corn @ 25kg/ha (cooler months)	20-25	264,108 to 330,135
Grasses an	d groundcovers			
ARI ram	Aristida ramosa	Purple wiregrass	1.75	
ART mil	Arthropodium milleflorum	Vanilla lily	1.25	
DIA lon	Dianella longifolia	Spreading flax lily	1.25	22 100
DIC mic	Dichelachne micrantha	Shorthair plume grass	1.25	23,109 16,507
THE aus	Themeda australis	Kangaroo grass	1.75	16,507 16,507
WAH gra	Wahlenbergia gracilis	Australian bluebell	1.25	•
Total weigh	t			16,507 23,109
				16,507 112,246

Η

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR REFERENCES: THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED. E ISSUED FOR TENDER S.M. 16.09.2021 L.A. 16.09.2021 M.E. 16.09 D ISSUED FOR TENDER S.M. 30.07.2021 L.A. 30.07.2021 M.E. 30.07 C ISSUED FOR 100% DETAILED DESIGN S.M. 30.06.2021 | L.A. 30.06.2021 | M.E. 30.06 B ISSUED FOR 80% DETAILED DESIGN S.M. 12.02.2021 L.A. 12.02.2021 M.E. 12.02. A ISSUED FOR 50% DETAILED DESIGN S.M. 11.09.2020 L.A. 11.09.2020 M.E. 11.09 DESIGNER VERIFIED APPROV REV DESCRIPTION INITIAL/DATE INITIAL/DATE INITIAL/D COORDINATE SYSTEM: GDA2020/MGA ZONE 56 **GDA2020** HEIGHT DATUM: AHD 71

7	8	8 9 10 11				12			
SEEDING	G SCHEDULE			_				GDA 2020	
Performance F -No in-frangible - Plant selectio	Shale Gravel Transition Forest Requirements: le plant species on should include a cross sectio nt must not obscure sight lines						Total m ² : 2		A
Optimal Plantin - Following co	6		er stabilisation.						
CodeBoDIA lonDiDIA revDiDIC micDiTHE ausThWAH graWARI ramAr	Botanical name Dianella longifolia Dianella revoluta var. revoluta Dichelachne micrantha Themeda australis Valenbergia gracilis Aristida ramosa Arthropodium milleflorum	Common Nat Spreading flat Blue flax lily Shorthair plur Kangaroo gra Australian blu Purple wiregra	ax lily 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ize required Tubestock Tubestock Tubestock Tubestock Tubestock Tubestock Tubestock	Density/m ² 3 2 4 4 3 2 2 4 3 2	Percentage 10% 20% 10% 20% 10% 20% 10% 20% 10% 10%	Quantity 7.658 15,316 5,105 20,422	(no.)	В
P3b (ii) Performance F -No in-frangible -Mature height Optimal Plantir - Following co	<i>Shale Gravel Transition For</i> Requirements: le plant species nt must not obscure sight lines ing Time: ompletion of batter construction	rest - Low shru	ubs, Native herbs and gra		Seed + Straw mulc.		10,211 15,316 5,105 Total m ² : 4	49,503	С
- Time of year Code Cover Crop S	Botanical name	-	Common Name		Minimum Applica (kg/ha)		Quantity (g)		
ECH esu	Echinochlora esculenta or Secale cereale		Japanese Millet @ 20kg/h months) or Rye Corn @ 29 months)		20-25	99,	,006 to 123,7	/58	D
DIA lon	groundcovers Dianella longifolia		Spreading flax lily		3.00				
DIA rev DIC mic THE aus WAH gra	Dianella revoluta var. revoluta Dichelachne micrantha Themeda australis Wahlenbergia gracilis		Blue flax lily Shorthair plume grass Kangaroo grass Australian bluebell		1.25 3.00 1.50 1.25		14,851 14,851		13D-000001.nt T
Total weight	mm	m	·····	·····	·····	6,188 7,425	49,503		D-GHDA-ML2-LA-N
						6,188			BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
								FOR TENDE	PLOT DATE & TIME: 9/16/2021 11:51:29 AM
Transp for NS\	and may not be used for any purpose of Transport for NSW does not provide any related information for any purpose othe drawing may be reproduced in any form	other than the purpose inte y warranties and accepts er than the intended purpo	s no liability arising out of the use of this draw pose. This drawing is protected by copyright	wing or any of the	M12 MOTO PACKAGE 2 - CENTRA MAIN ALIGNMI LANDSCAPE W PLANTING SCHEDULE	ral IENT NORKS			Н
DR: ROJECT DELIVI DNEY PROJECT OF YDNEY PROGRAM	/ERY GHD Pty Ltd GHD GHD	DRG CHECK DESIGN CHECK APPROVED PROJECT MNGR _	KATHY RANDELL LEE ALLEN MARK ELVIDGE ALEX HORTON	16.09.2021 16.09.2021 16.09.2021 16.09.2021	FILE NO. DS2020/000672 STATUS: ISSUED FOR TENI DRG No.	NDER		5 SHEET: 2 OF 5	A1 © No.
					M12CDD	D-GHDA-ALL-LA-DRG	G-609009 E	0	_ _

	IG SCHEDULE				SEEDIN	G SCHEDULE					GD 202
	Cumberland Shale Plains Woodland	d - Cut Batters - Compost Blanket		Total m ² : 31,711	1 P3b (i) S	Shale Gravel Transition Forest	st - Low shrubs, Native herbs and	grasses - median pla	anting	Total m ² : 25,5	
	Requirements:			ļ		Requirements:					
- Plant selectic	ion should include a cross section of pion ht must not obscure sight lines	neer species, grasses, herbs and groundcovers		ļ		ion should include a cross section nt must not obscure sight lines	ion of pioneer species, grasses, herb	s and groundcovers			
Optimal Planti	ting Time:				Optimal Plant	ting Time:					
Ĭ	completion of batter construction to provide or suitable for nominated plant species.	e batter stabilisation.)		ompletion of batter construction ar suitable for nominated plant s	•				
Code	Botanical name	Common Name	Minimum Application rate	Quantity (g)		Botanical name	Common Name	Size required	Density/m ²	Percentage Quantity (no))
			(kg/ha)		DIA lon L	Dianella longifolia	Spreading flax lily	Tubestock	3	10%	·
Cover Crop S		Lananaca Millat @ 20kg/ba (warmar				Dianella revoluta var. revoluta Dichelachne micrantha	Blue flax lily Shorthair plume grass	Tubestock Tubestock	3	<u> 20% </u>	_
ECH esu	Echinochlora esculenta or Secale cereale	Japanese Millet @ 20kg/ha (warmer months) or Rye Corn @ 25kg/ha (cooler	20-25	63,422 to 79,278		Themeda australis	Kangaroo grass	Tubestock	4	200/	
		months)		J	WAH gra 🛛	Valenbergia gracilis	Australian bluebell	Tubestock	4	10% 15,316	
	d groundcovers			,		Aristida ramosa Arthropodium milleflorum	Purple wiregrass Vanilla lily	Tubestock Tubestock	3	20% 5,105 10% 20,422	_
ARI ram ART mil	Aristida ramosa Arthropodium milleflorum	Purple wiregrass Vanilla lily	1.75 1.25	/					Z	10,70 10,722]
DIA lon	Dianella longifolia	Spreading flax lily	1.25	/	-					15,316	
DIC mic	Dichelachne micrantha	Shorthair plume grass	1.25							8,105	<
THE aus	Themeda australis	Kangaroo grass	1.75	, 	P3b (ii)		orest - Low shrubs, Native herbs a	Ind grasses - Hydros	eed + Straw mulch	Total m ² : 49,5	503
WAH gra Total weight	<i>Wahlenbergia gracilis</i>	Australian bluebell	1.25	5,549		Requirements:					
TUtal weight				3,964	, j	ble plant species Int must not obscure sight lines					
				3,964 3,964 26,954	Optimal Plant	•					-
					Following c	ompletion of batter construction	I I I I I I I I I I I I I I I I I I I				
P3a (iv)	Cumberland Shale Plains Woodland	d - Flat area (Hydroseed)		5,549 3,964 Total m ² : 132,054		ar suitable for nominated plant s	·				
	Requirements:			ļ	Code	Botanical name	Common Name		Minimum Application	on rate Quantity (g)	
- Plant selectic	ole plant species ion should include a cross section of pion	neer species, grasses, herbs and groundcovers		ļ					(kg/ha)		
-Mature heigh	ht must not obscure sight lines			,	Cover Crop S	Species Echinochlora esculenta or	Japanese Millet @ 2	20ka/ba (warmar	1		\ \
Optimal Planti	0					Secale cereale	•	zokg/na (warmer m @ 25kg/ha (cooler	20-25	99,006 to 123,758	
0	completion of batter construction to provide ar suitable for nominated plant species.	Je batter stabilisation.		ļ			months)			///000 00	
	· ·	O average Marga	Allocing Application rate		- Grasses and	groundcovers					_ }
Code	Botanical name	Common Name	Minimum Application rate (kg/ha)	Quantity (g)	DIA lon	Dianella longifolia	Spreading flax lily		3.00		}
Cover Crop S			(DIA rev DIC mic	Dianella revoluta var. revoluta Dichelachne micrantha	Ita Blue flax lily Shorthair plume gras		1.25 3.00		-
ECH esu	Echinochlora esculenta or	Japanese Millet @ 20kg/ha (warmer	Т	/	THE aus	Themeda australis	Kangaroo grass	<u> </u>	1.50	14,851	-1 ζ
	Secale cereale	months) or Rye Corn @ 25kg/ha (cooler	20-25	264,108 to 330,135	🔶 WAH gra	Wahlenbergia gracilis	Australian bluebell		1.25	14,851	
		months)		J	Total weight						_ ζ
	d groundcovers		1)	1 min	mmm	······	mm	·····	6,188 40 502	
ARI ram ART mil	Aristida ramosa Arthropodium milleflorum	Purple wiregrass Vanilla lily	1.75 1.25	/	-					49,503	
	Dianella longifolia	Spreading flax lily	1.25		-					7,425	
	Dichelachne micrantha	Shorthair plume grass	1.25	23,109 16,507	-					6,188	
DIA lon DIC mic		Kangaroo grass	1.75	16,507 16,507							
DIA lon DIC mic THE aus	Themeda australis		1.25	16,507	-						
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell									
DIA lon DIC mic THE aus	Wahlenbergia gracilis	Australian bluebell		23,109							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra	Wahlenbergia gracilis	Australian bluebell		23,109 16,507							
DIA lon DIC mic THE aus WAH gra Total weight	Wahlenbergia gracilis			23,109 16,507							ΓΩΩ Τ
DIA lon DIC mic THE aus WAH gra Total weight	• PRINT ALL COPIES IN COLOUR			23,109 16,507 112,246							FOR T
DIA lon DIC mic THE aus WAH gra Total weight	• PRINT ALL COPIES IN COLOUR			23,109 16,507 112,246	CLIENT:	and may not be used for any purpose of	tion have been prepared by, or at the request of, Transport for e other than the purpose intended by Transport for NSW.		M12 MOTOR	WAY	FOR T
DIA lon DIC mic THE aus WAH gra Total weight	• PRINT ALL COPIES IN COLOUR			23,109 16,507 112,246		and may not be used for any purpose of Transport for NSW does not provide an related information for any purpose othe	tion have been prepared by, or at the request of, Transport for e other than the purpose intended by Transport for NSW. any warranties and accepts no liability arising out of the use of ther than the intended purpose. This drawing is protected by form without the express written permission of Transport for NSW.	of this drawing or any of the	M12 MOTOR PACKAGE 2 - CENTRAL	łWAY	FOR TI
DIA lon DIC mic THE aus WAH gra Total weight	Wahlenbergia gracilis PRINT ALL COPIES IN COLOUR THIS DRAWING MAY BE PREP/ E E	PARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.	0. SCALE: NT L.A. 16.09.2021 M.E. 16.09.2021	23,109 16,507 112,246 VTS	Transp	and may not be used for any purpose of Transport for NSW does not provide an related information for any purpose othe drawing may be reproduced in any form	e other than the purpose intended by Transport for NSW. any warranties and accepts no liability arising out of the use o ther than the intended purpose. This drawing is protected by orm without the express written permission of Transport for NS	of this drawing or any of the y copyright and no part of this ISW.	PACKAGE 2 - CENTRAL	Т	FOR TI
DIA lon DIC mic THE aus WAH gra Total weight	Wahlenbergia gracilis PRINT ALL COPIES IN COLOUR THIS DRAWING MAY BE PREP	PARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.	D. SCALE: NT	23,109 16,507 112,246 VTS		and may not be used for any purpose of Transport for NSW does not provide an related information for any purpose othe drawing may be reproduced in any form	e other than the purpose intended by Transport for NSW. any warranties and accepts no liability arising out of the use o ther than the intended purpose. This drawing is protected by	of this drawing or any of the y copyright and no part of this ISW. 16.09.2021	PACKAGE 2 - CENTRAL	Т	FOR T

	SCALE: NTS	.E: NTS		and Tra rela	This drawing and the related information have been prepared by, or at the request of, Transport for Ne and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of the related information for any purpose other than the intended purpose. This drawing is protected by condrawing may be reproduced in any form without the express written permission of Transport for NSW.					
.09.2021 .07.2021 .06.2021	_			V for NISM		DRAWN _ Designee	RANDIE MANUEL	16.09		
.02.2021 .02.2021 .09.2020	-		PREPAR	ED FOR:	GHD	DESIGNEL		16.09		
.09.2020 Roved L/Date				EY PROJECT DELIVERY	GHD Pty Ltd	DESIGN C Approve		16.09 16.09		
				RN SYDNEY PROGRAM 1-2	GHD AR - LANDSCAPING	PROJECT		16.09		
5		6		7	8		9			

10

12

1	

В

С

D

 $\overline{}$ $\overline{}$

Е

F

G

Н

2

3

4

P3b (iii)	Shale Gravel Transition Forest - Lo	ow shrubs, Native herbs and grasses - Compo	ost Blanket
Performance	e Requirements:		
0	ible plant species ght must not obscure sight lines		
Optimal Pla			
•	completion of batter construction to provi	de batter stabilisation	
0	ear suitable for nominated plant species.		
Code	Botanical name	Common Name	Minimum A (k
Cover Crop	Species		
ECH esu	Echinochlora esculenta or Secale cereale	Japanese Millet @ 20kg/ha (warmer months) or Rye Corn @ 25kg/ha (cooler months)	
Grasses an	d groundcovers		
DIA lon	Dianella longifolia	Spreading flax lily	
DIA rev	Dianella revoluta var. revoluta	Blue flax lily	
DIC mic	Dichelachne micrantha	Shorthair plume grass	
THE aus	Themeda australis	Kangaroo grass	
WAH gra	Wahlenbergia gracilis	Australian bluebell	
Total weigh	.+		

				7,055	40,314
P3b (iv)	Shale Gravel Transition Forest - Lo	w shrubs, Native herbs and grasses - Flat are	eas - Hydroseed	6,047	Total m ² : 166,649
Performance	Requirements:	•		7,055	
0	ole plant species nt must not obscure sight lines				
0	ting Time: ompletion of batter construction to provid ar suitable for nominated plant species.	le batter stabilisation.			
Code	Botanical name	Common Name	Minimum Application rate (kg/ha)	(Quantity (g)
Cover Crop S	Species				
ECH esu	Echinochlora esculenta or Secale cereale	Japanese Millet @ 20kg/ha (warmer months) or Rye Corn @ 25kg/ha (cooler months)	20-25	333,	,298 to 416,623
Grasses and	groundcovers				
DIA lon	Dianella longifolia	Spreading flax lily	2.50		
DIA rev	Dianella revoluta var. revoluta	Blue flax lily	1.75		
DIC mic	Dichelachne micrantha	Shorthair plume grass	2.50		41,662
THE aus	Themeda australis	Kangaroo grass	1.50		29,164
WAH gra	Wahlenbergia gracilis	Australian bluebell	1.75		41,662
Total weight					24,997
					29,164 166,649

REFERENCES:		THIS [THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.					
		E	ISSUED FO	DR TENDER		S.M. 16.09.2021	L.A. 16.09.2021	M.E. 16.09
		D	ISSUED FO	DR TENDER		S.M. 30.07.2021	L.A. 30.07.2021	M.E. 30.07
		С	ISSUED FO	DR 100% DETAILED DESIGN		S.M. 30.06.2021	L.A. 30.06.2021	M.E. 30.06
		В	ISSUED FO	DR 80% DETAILED DESIGN		S.M. 12.02.2021	L.A. 12.02.2021	M.E. 12.02
		А	ISSUED FO	DR 50% DETAILED DESIGN		S.M. 11.09.2020	L.A. 11.09.2020	M.E. 11.09
		REV		DESCRIPTION		designer Initial/date	verified Initial/date	APPRO\ INITIAL/D
		COOR	DINAT	E SYSTEM: GDA2020/MGA ZONE 56	Ø GDA2020	HEIGHT DA	TUM: AHD 7	71
1	2			3	4			

5

6

Total m²: 40,314 Application rate (kg/ha) Quantity (g) 20-25 80,628 to 100,785 2.50 1.75 2.50 1.50 1.75 10,079 10,079

7		8	9	10		11	12	
SEEDI	NG SCH	IEDULE					GDA 2020]
P3c	Shale Gr	ravel Transition Forest -	Low shrubs, Native herbs and gras	ses - Flat areas -	Hydroseed	Total m ²		
-No in-frangi	e Requiremer ible plant spe	nts:						A
	completion o	f batter construction to pro or nominated plant species						
Code	Botanica	I name	Common Name	Mir	nimum Application ra (kg/ha)	ate Quantity (g)	
Cover Crop	•							
ECH esu	Secale ce		Japanese Millet @ 20kg/ha (months) or Rye Corn @ 25k months)		20-25	25,492 to 31,8	65	В
	d groundcov		Dendene din en 'e		4.00			
ENT mar LOM lon		marginata Ta longifolia	Bordered panic Spiny headed matrush		4.00			
THE aus		a iongiiona a australis	Kangaroo grass		4.00			
Total weigh					1.00			
						5,098 12,746		с
Dod	Chala	and Transition Front	Low obruba Nativa barbarante	COC Flat array	Undragged		22 004	
P3d Dorformance			Low shrubs, Native herbs and gras	ses - Flat areas -	Hydroseed	2,549 Total m ² 5,098	: 32,806	
⁻ No in-frangi ⁻ Mature heig								
•	completion of	f batter construction to pro						
Code	Botanica	I name	Common Name	Mir	nimum Application ra (kg/ha)	ate Quantity (g)	D
Cover Crop				/				
ECH esu	Echinoch Secale ce	lora esculenta or ereale	Japanese Millet @ 20kg/ha (months) or Rye Corn @ 25k months)		20-25	65,612 to 82,0	015	
Grasses and	d groundcov	vers						t
ENT mar		marginata	Bordered panic		4.00			001.rvt
LOM lon		a longifolia	Spiny headed matrush		2.00			000-0
THE aus		a australis	Kangaroo grass		4.00	13,122		-M3[
Total weigh	nt							L2-LA
						13,122 32,806		ID-GHDA-MI
						6,561		way/M12CD
								BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
								9/16/2021 11:51:45 AM E
								te & Time:
							FOR TENDER	PLOT DA
Trans for NS	and m Transp related drawin	nay not be used for any purpose other than bort for NSW does not provide any warrantic d information for any purpose other than the ng may be reproduced in any form without t	the purpose intended by Transport for NSW for a sp the purpose intended by Transport for NSW. es and accepts no liability arising out of the use of this drawing e intended purpose. This drawing is protected by copyright and the express written permission of Transport for NSW.	r or any of the d no part of this PA(12 MOTORW CKAGE 2 - CENTRAL AIN ALIGNMENT			
R:	5 V V	GHD	DRAWN RANDIE MANUEL DESIGNED SARAH MORGAN DRG CHECK KATHY RANDELL		NDSCAPE WORK	5		н

7	8	9	10	11	12	
SEEDIN	IG SCHEDULE				GDA 2020	
P3c	Shale Gravel Transition Forest - Low	shrubs, Native herbs and grass	ses - Flat areas - Hydroseed	Total m ² :		
-No in-frangibl	Requirements: le plant species nt must not obscure sight lines					A
	ing Time: ompletion of batter construction to provide ir suitable for nominated plant species.	batter stabilisation.				
Code	Botanical name	Common Name	Minimum Applica (kg/ha)			
Cover Crop S ECH esu	Species Echinochlora esculenta or	Japanese Millet @ 20kg/ha (v	Normor			
	Secale cereale	months) or Rye Corn @ 25kg months)		25,492 to 31,80	55	В
	groundcovers	Developed nonio	4.00			
ENT mar LOM lon	Entolasia marginata Lomandra longifolia	Bordered panic Spiny headed matrush	4.00			
THE aus	Themeda australis	Kangaroo grass	4.00			
Total weight						
				5,098 12,746		с
P3d	Shale Gravel Transition Forest - Low	shrubs, Native herbs and grass	ses - Flat areas - Hydroseed	2,549 Total m ² :	32,806	
Performance F	Requirements:			5,098		
	le plant species nt must not obscure sight lines ing Time:					
- Following co - Time of year	ompletion of batter construction to provide r suitable for nominated plant species.					
Code	Botanical name	Common Name	Minimum Applica (kg/ha)			D
Cover Crop S ECH esu	Species Echinochlora esculenta or	Japanese Millet @ 20kg/ha (v	Normor			
LOITUSU	Secale cereale	months) or Rye Corn @ 25kg months)		65,612 to 82,0 ⁻	15	
	groundcovers	1				01.rvt
ENT mar	Entolasia marginata	Bordered panic	4.00			1000C
LOM lon THE aus	Lomandra longifolia Themeda australis	Spiny headed matrush Kangaroo grass	2.00	10 100		13D-0(
Total weight				13,122		BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-0000
				13,122		A-ML2
				32,806)-GHD
				6,561		12CDE
						vay/M
						Motorv
						M12 I
						- 1239 -
						12514
						360://
						BIM
						AM
						11:51:45 AM
						21 11
						9/16/2021 G
						/E: 9/
						TE & TIN
					FOR TENDER	PLOT DA
	and may not be used for any purpose other than the purp Transport for NSW does not provide any warranties and a	accepts no liability arising out of the use of this drawing o	or any of the IN12 MOIO	ORWAY		
Transp	ort drawing may be reproduced in any form without the expr	ded purpose. This drawing is protected by copyright and r ress written permission of Transport for NSW.	PACKAGE 2 - CENTRA			
for NS		RANDIE MANUEL	16.09.2021 MAIN ALIGNMI			
יסי	DESIGNE	ED SARAH MORGAN	16.09.2021 PLANTING SCHEDULE			H

	SCALE: NTS		CLIENT:		This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific purpose and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the related information for any purpose other than the intended purpose. This drawing is protected by copyright and no part of this drawing may be reproduced in any form without the express written permission of Transport for NSW.					
09.2021 07.2021 06.2021			GOVERNM	N for NSW	GHD	DRAWN DESIGNEI	RANDIE MANUEL	16.09.2021		
02.2021			PREPAF	RED FOR:		DRG CHE		16.09.2021		
09.2020 OVED			SYDN	EY PROJECT DELIVERY	GHD Pty Ltd	DESIGN C	HECK LEE ALLEN	16.09.2021		
/DATE			WESTER	RN SYDNEY PROJECT OFFICE	GHD	APPROVE	D MARK ELVIDGE	16.09.2021		
			WESTE	RN SYDNEY PROGRAM 1-2	AR - LANDSCAPING	PROJECT	MNGR ALEX HORTON	16.09.2021		
5		6		7	8		9			

021									
021	FILE No. DS2020/00067	2	PART	5	SHEET:	3	OF	5	A
021	STATUS: ISSUED FOR TE	NDER							0
021	DRG No. M12CD	D-GHDA-ALL-LA-DRG-609010	rev E	ver 0	EDMS No.			AMD N	10.

11

12

	1	2		3	4			
	PI /	ANTING SCH	-DUI	F			- 1	
	P4a	$\gamma \gamma \gamma \gamma \gamma$	$\gamma \gamma$	ns Woodland - Higher tree dens	ity with large sh	ruhs and u	nderstore	<u>~~~</u> V
٨		mance Requirements:			ity with large sh			y
A		•	robust g	prowth in alignment with optimum	growth characteri	stics for eac	h species.	
		al Planting Time:						
		w installation of associa		-				
		e of year suitable for nor Botanical name	ninated	Common Name	Cont	ninor Sizo	Dor	acity/m
	Code Trees			CONTINUE		ainer Size	Dei	nsity/m
			riana	Blue box		5L		0.2
	EUC	cre Eucalyptus crebr	a	Narrow-leaved ironbark		5L		0.1
П	EUCe	<u> </u>	nioides	Thin-leaved stringybark		5L		0.2
В	Shrut		~	Croopwattle	1	40mm		0.2
	ACA C			Green wattle Weeping acacia		40mm 40mm		0.2
	BURS			Sweet bursaria		40mm		0.2
	P4b	Shale Gravel Tr	ansition	Forest - Higher tree density wi	th large shrubs			
		mance Requirements:		rereet ringiter wee werterly th	ge en aze			
	2	•	robust c	rowth in alignment with optimum	growth characteris	stics for eac	h species.	
С) Optim	al Planting Time:		, , , , , , , , , , , , , , , , , , ,	0			
		w installation of associa						
	Time	of year suitable for nor	ninated	plant species.			_	
	Code	Botanical name		Common Name	Conta	ainer Size	Der	nsity/m
				NI				0.1
				Narrow-leaved ironbark	.rl	5L		0.1
	EUC f			Broad-leaved red-ironba		5L 5L		0.1
	Shrut		Ulla			JL		0.2
П	BURS			Sweet bursaria	1.	40mm		0.3
D	DAV	· · · · · · · · · · · · · · · · · · ·		Gorse bitter pea		40mm		0.3
			I M		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	Optim	and shrubs to achieve al Planting Time: w installation of associa		rowth in alignment with optimum	growth characteri	stics for eac	h species.	
Е	-Time	of year suitable for nor	ninated	plant species.				
	Code	Botanical name		Common Name	Conta	ainer Size	Der	nsity/m
	Trees		- /t/	Dread la cue di cue de				0.0
	ANG			Broad-leaved apple		5L 5L		0.2
	CAS of EUC a	/U		Swamp sheoak Cabbage gum		<u>5L</u>		0.2
	EUC			Blue box		5L		0.2
	EUC			Thin-leaved stringybark		5L		0.2
	MELI			Snow in summer		5L		0.2
F		·						
F								
	-							
G								
U								
	DRAWING COLOUR CO	DED - PRINT ALL (OPIES	IN COLOUR				
							_	
	REFERENCES:	1	HIS DRAV	VING MAY BE PREPARED IN COLOUR A	ND MAY BE INCOMPL	LETE IF COPIEI	Э.	
		_						
		F	E ISSUED	FOR TENDER		S.M. 16.09.2021	L.A. 16.09.2021	M.E. 16.09
				FOR TENDER		S.M. 30.07.2021	L.A. 30.07.2021	M.E. 30.07
Н		-		FOR 100% DETAILED DESIGN FOR 80% DETAILED DESIGN		S.M. 30.06.2021 S.M. 12.02.2021	L.A. 30.06.2021 L.A. 12.02.2021	M.E. 30.06 M.E. 12.02
		-		FOR 50% DETAILED DESIGN		S.M. 12.02.2021 S.M. 11.09.2020	L.A. 12.02.2021 L.A. 11.09.2020	M.E. 12.02
		F	REV	DESCRIPTION		DESIGNER	verified Initial/date	APPROV
			1			INITIAL/DATE		INITIAL/D
		(TE SYSTEM GDA2020/MGA ZONE 56	C000000			71
			OORDINA	TE SYSTEM: GDA2020/MGA ZONE 56	GDA2020		TUM: AHD 7	71
	1	2	OORDINA	TE SYSTEM: GDA2020/MGA ZONE 56	GDA2020			71

5		6	7	,	8	9	1	0	11			12	
· · · · ·		Total m ² : 57,732	P4d Performat -Trees an Optimal P - Follow i	nce Requirement d shrubs to achie lanting Time: nstallation of ass	<i>rest - Trees, groundcovers a</i> ts:	nd low shrubs with optimum growth characteris	stics for each spe	ecies.		Total m ² : 10	,077	GDA 2020	A
y/m²	Percentage	Quantity (no.)	Code	Botanical nar	me Common	Name Conta	ainer Size	Density /m ²	Percentage	Quantity (n	o.)	-	
	10% 10% 10% 20% 20% 30%	1,155 §7,755	Trees ANG sub CAS gla EUC amp EUC bau EUC eug MEL lin	Eucalyptus ba	nuca Swamp sh mplifolia Cabbage g nueriana Blue box ngenioides Thin-leave	neoak gum ed stringybark	5L 5L 5L 5L 5L 5L 5L 5L	0.2 0.2 0.2 0.2 0.2 0.2 0.2	15% 25% 15% 10% 10% 25%		302 504 302 202 202 504		В
		2,309											

<u>~</u>		Total m ² : 57,732
) ²	Percentage	Quantity (no.)
	10%	
	10%	
	10%	
		1,155
	20%	
	20%	5 7 7 55
	30%	
		2,309
		2,309
		5 dta m²: 45,490

			-
m²	Percentage	Quantity (no.)	-
			-
	10%	455	
	10%	455	-
	10%	910	-
			-
	35%	4,776	
	35%	4,776 4,776	
سر	m	mm	ہہ

	Total m ² : 7,144
Percentage	Quantity (no.)
10%	143
30%	429
15%	214
15%	214
10%	143
20%	286
	10% 30% 15% 15% 10%

	7 8 9 10 11													
2	PLANTING SCHEDULE P4d River Flat Forest - Trees, groundcovers and low shrubs Total m²: 10,077 Performance Requirements: - Trees and shrubs to achieve robust growth in alignment with optimum growth characteristics for each species. - Trees and shrubs to achieve robust growth in alignment with optimum growth characteristics for each species. Optimal Planting Time: - Follow installation of associated seeding mix. - Time of year suitable for nominated plant species. Code Botanical name Common Name Container Size Density /m² Percentage Quantity (no.)													
۲	Code	Botanical nam	ne Commor	Name Conta	ainer Size E	Density /m ²	Percentage	Quantity (no.) 🔨					
, ۲	Trees	1							{					
2	ANG sub	Angophora sub	<i>bvelutina</i> Broad-lea	ved apple	5L	0.2	15%		302					
$\langle $	CAS gla	Casuarina glau	uca Swamp s	neoak	5L	0.2	25%		504					
۲	EUC amp	Eucalyptus am	nplifolia Cabbage	gum	5L	0.2	15%		302 🔨					
2	EUC bau	Eucalyptus bau	ueriana Blue box		5L	0.2	10%		202 🗸		В			
2	EUC eug	Eucalyptus eug	genioides Thin-leav	ed stringybark	5L	0.2	10%		202					
	MEL lin	Melaleuca linar	riifolia Snow in s	ummer	5L	0.2	25%		504					
Ĺ		·····	min	min	min	min	un un	·····	لر ــــــــــــــــــــــــــــــــــــ					

	SCALE: NTS		CLIENT	Transport	This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific purpose and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the related information for any purpose other than the intended purpose. This drawing is protected by copyright and no part of this drawing may be reproduced in any form without the express written permission of Transport for NSW.						
09.2021 07.2021 06.2021			GOVERNM	W for NSW	GHD	DRAWN _	RANDIE MANUEL	16.09.2021			
02.2021 09.2020				RED FOR:		DRG CHE	CK KATHY RANDELL	16.09.2021			
oved /Date				EY PROJECT DELIVERY RN SYDNEY PROJECT OFFICE	GHD Pty Ltd	DESIGN C Approve		<u> </u>			
, 0, 112				ERN SYDNEY PROGRAM 1-2	GHD AR - LANDSCAPING	PROJECT		16.09.2021			
5		6		7	8		9				

				FO	R '	TEN	NDI	R
rpose	M12 MOTORWAY							
of this	PACKAGE 2 - CENTRAL							
6.09.2021	MAIN ALIGNMENT LANDSCAPE WORKS							
6.09.2021	PLANTING SCHEDULE							
6.09.2021								
6.09.2021	FILE No. DS2020/000672	PART	5	SHEET:	4	OF	5	A1
6.09.2021	STATUS: ISSUED FOR TENDER							\bigcirc
6.09.2021	DRG No. M12CDD-GHDA-ALL-LA-DRG-609011	rev E	ver 0	EDMS No.			amd n	0.



С

D

1

В

С

D

Е

F

2

5

P5a(i)	Time of Burrugin - frosty and	l flowering	
Code	Botanical name	Common Name	Contai
EUC ter	Eucalyptus tereticornis	Forest red gum	4
DOR exc	Doryanthes excelsa	Gymea lily	Ę
P5a(ii)	Rest node centre planting		
Code	Botanical name	Common Name	Contai
DIA rev	Dianella revoluta var. revoluta	Blue flax lily	150
LOM Ion	Lomandra longifolia	Spiny headed matrush	150
P5b(i)	Time of Wiritjiribin - cold and	l windy	
Code	Botanical name	Common Name	Contai
ACA flo	Acacia floribunda	Weeping acacia	140

3

P5a(i)	Time of Burrugin - frosty and	flowering				Total m ² : 412
Code	Botanical name	Common Name	Container Size	Density /m ²	Percentage	Quantity (no.)
EUC ter	Eucalyptus tereticornis	Forest red gum	45L	0.10	50%	21
DOR exc	Doryanthes excelsa	Gymea lily	5L	0.25	50%	52
P5a(ii)	Rest node centre planting					Total m ² : 33
Code	Botanical name	Common Name	Container Size	Density /m ²	Percentage	Quantity (no.)
DIA rev	Dianella revoluta var. revoluta	Blue flax lily	150mm	3	50%	50
LOM Ion	Lomandra longifolia	Spiny headed matrush	150mm	2	50%	33
P5b(i)	Time of Wiritjiribin - cold and	windv				Total m ² : 472
Code	Botanical name	Common Name	Container Size	Density /m ²	Percentage	Quantity (no.)
ACA flo	Acacia floribunda	Weeping acacia	140mm	0.30	40%	57
ACA dec	Acacia decurrens	Green wattle	140mm	0.30	30%	42
EUC eug	Eucalyptus eugenioides	Thin-leaved stringybark	140mm	As shown	30%	1
P5b(ii)	Rest node centre planting					Total m ² : 33
Code	Botanical name	Common Name	Container Size	Density /m ²	Percentage	Quantity (no.)
ART mill	Arthropodium milleflorum	Vanilla lily	150mm	2.00	25%	17
DIC mic	Dichelachne micrantha	Shorthair plume grass	150mm	3.00	25%	25
THE tri	Themeda triandra	Kangaroo grass	150mm	3.00	30%	30
CAL cun	Calotis cuneifolia	Burr Daisy	150mm	2	20%	13
EUC eug	Eucalyptus eugenioides	Thin-leaved stringybark	45L	As shown	-	1
P5c(i)	Time of Parra'dowee - eel					Total m ² : 191
Code	Botanical name	Common Name	Container Size	Density /m ²	Percentage	Quantity (no.)
ACA bin	Acacia binervia	Coast myall	140mm	0.30	50%	29
ANG his	Angophora hispida	Dwarf apple	25L	0.20	50%	
FIC rub	Ficus rubiginosa	Port Jackson Fig	100L	As shown	-	19
	Post nodo contro planting					Total m ² : 33
P5c(ii)	<i>Rest node centre planting</i> Botanical name	Common Namo	Containor Sizo	Doncity /m ²	Dorcontago	
Code		Common Name	Container Size	Density /m ²	Percentage	Quantity (no.)
BAU art	Baumea articulata	Jointed twig rush	150mm	<u>う</u>	30%	30
FIC nod	Ficinea nodosa	Club rush Basket grass	150mm	3	40%	40
LOM lon	Lomandra longifolia	Basket grass	150mm	Ζ	30%	20

G

Н

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR REFERENCES: THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED. E ISSUED FOR TENDER S.M. 16.09.2021 L.A. 16.09.2021 M.E. 16.09.2 S.M. 30.07.2021 L.A. 30.07.2021 M.E. 30.07.2 D ISSUED FOR TENDER S.M. 30.06.2021 L.A. 30.06.2021 M.E. 30.06.2 C ISSUED FOR 100% DETAILED DESIGN S.M. 12.02.2021 L.A. 12.02.2021 M.E. 12.02.20 B ISSUED FOR 80% DETAILED DESIGN S.M. 11.09.2020L.A. 11.09.2020M.E. 11.09.2020DESIGNERVERIFIEDAPPROVEDINITIAL/DATEINITIAL/DATEINITIAL/DATE A ISSUED FOR 50% DETAILED DESIGN DESCRIPTION REV COORDINATE SYSTEM: GDA2020/MGA ZONE 56 GDA2020 HEIGHT DATUM: AHD 71

4

		\land							
	6		7	8	9	10	11	12	
		SI	EEDING SCH	IEDULE				GDA 2020	
	Total m ² : 412	² : 412 Grass Blady grass treatment along both sides of the SUP where there is a SUP fence. Total m ² : 6,513							
age	Quantity (no.)	Со	de Botanica	l name	Common Name	Minimum Application	n rate Quantity (g)		٨
)	21					(kg/ha)			A
)	52	IMI	P cyl Imperata	cylindrica	Blady grass	20-25	13,026 to 16,28	33	
age	Total m ² : 33 Quantity (no.)								
)	50	т		DULE - FLEURS A					
)	33							\sim	
		Tre	ee Planting					3	
	Total m ² : 472	Co	de Botanic	al name Comm	non Name	Container Size [Density /m ² Quantity (r	<u>no.) </u> {	
age	Quantity (no.)	EU	IC sub Eucalyp	tus subvelutina Broad-	Leaved Apple	45L	As shown	<u> </u>	В
)	57		mm	mm	mmm	mm	mm		
)	42								
	1								

7		8	9	10		11	12					
SEEDI	NG SCHEDL	JLE					GDA 2020					
Grass Blady grass treatment along both sides of the SUP where there is a SUP fence. Total m ² : 6,513												
Code	Botanical name		Common Name	Minimum Applica (kg/ha)	tion rate	Quantity (g)		А				
IMP cyl	Imperata cylindri	ica	Blady grass	20-25		13,026 to 16,28	33					
		E - FLEURS A	ERODROME		~~~~~~		\sim					
Tree Planti	-					A 1 1 1 1						
Code	Botanical name		on Name	Container Size	Density /m ²	Quantity (r						
EUC sub	Eucalyptus sub	velutina Broad-	_eaved Apple	45L	As shown		93 3	В				
· · · · ·	·····	·····	mm	uuuu	·····	·····						

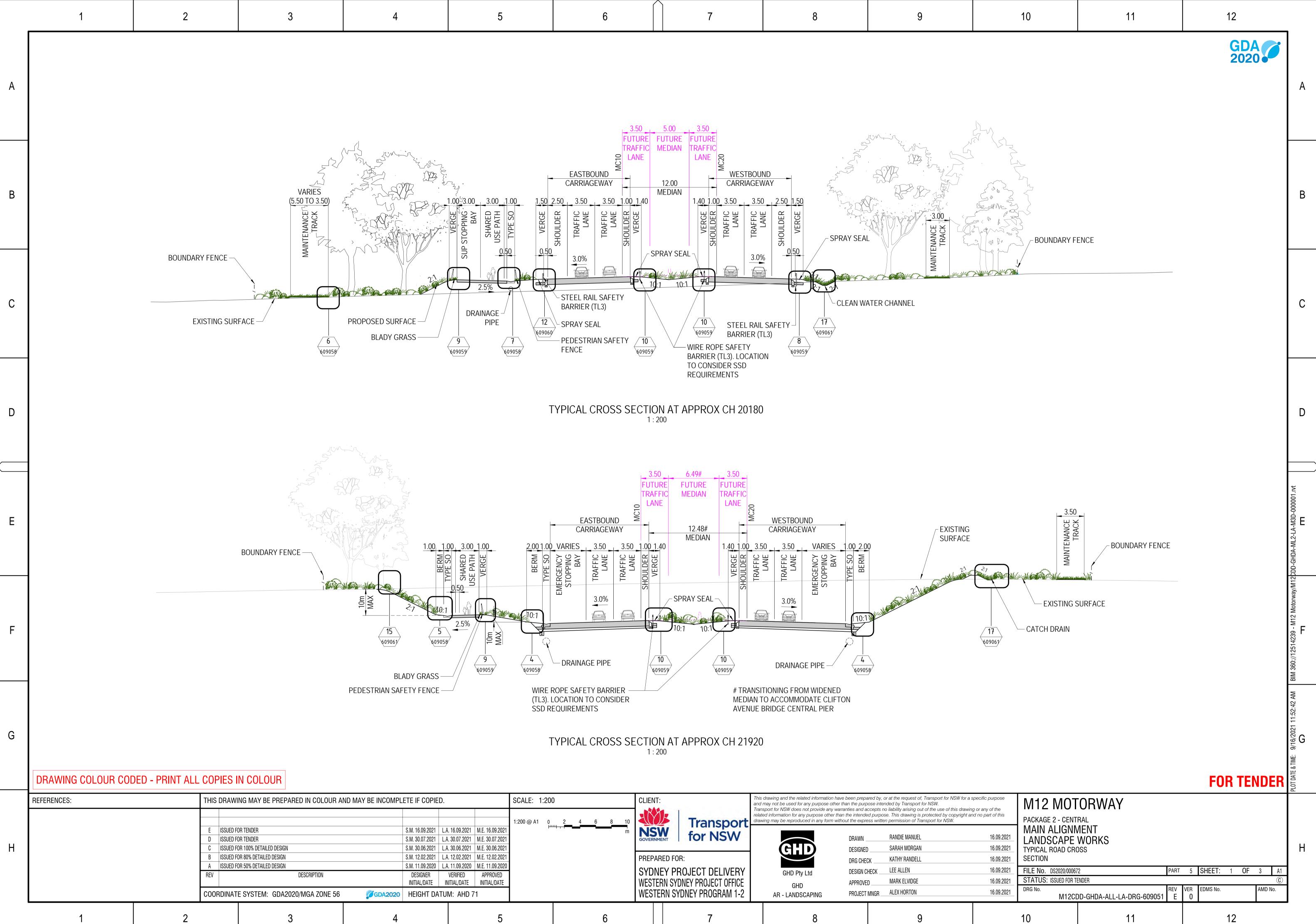
7		8	9	10		11		12					
SEEDING SCHEDULE													
Grass	Blady grass treatment along both sides of the SUP where there is a SUP fence. Total m ² : 6,513												
Code	Botanical	name	Common Name	Minimum Applicat (kg/ha)	ion rate	Quantity (g)			А				
IMP cyl	Imperata d	cylindrica	Blady grass	20-25		13,026 to 16,28	33						
TREES	SCHED	ULE - FLEUR	S AERODROME		\sim		\sim						
Tree Planting	j						}						
Code	Botanica	al name	Common Name	Container Size	Density /r	n ² Quantity (r	10.) ³						
EUC sub	Eucalypti	us subvelutina	Broad-Leaved Apple	45L	As showr	ו ו	93 🔨		В				
h	·····	·····	······	······	····	·····	لرير						

												FC	IR TE	NDER	PLOT DATE
5.09.2021 0.07.2021 0.06.2021 2.02.2021	07.2021 06.2021 02.2021 09.2020 0VED _/DATE				GHD	an the purpose nties and accep the intended pu	, M12 MOTORWAY								
r.09.2020 Roved Al/Date				Y PROJECT DELIVERY N SYDNEY PROJECT OFFICE N SYDNEY PROGRAM 1-2	GHD Pty Ltd DESIG GHD APPRO AR - LANDSCAPING PROJE		MARK ELVIDGE	16.09.2021 16.09.2021 16.09.2021	FILE NO. DS2020/0006 STATUS: ISSUED FOR T DRG No. M12CI	ENDER	PART REV VEI E (5 SHEET: R EDMS No. D	5 OF	5 A1 C AMD No.	
5		6		7	8		9		10	11			12		-

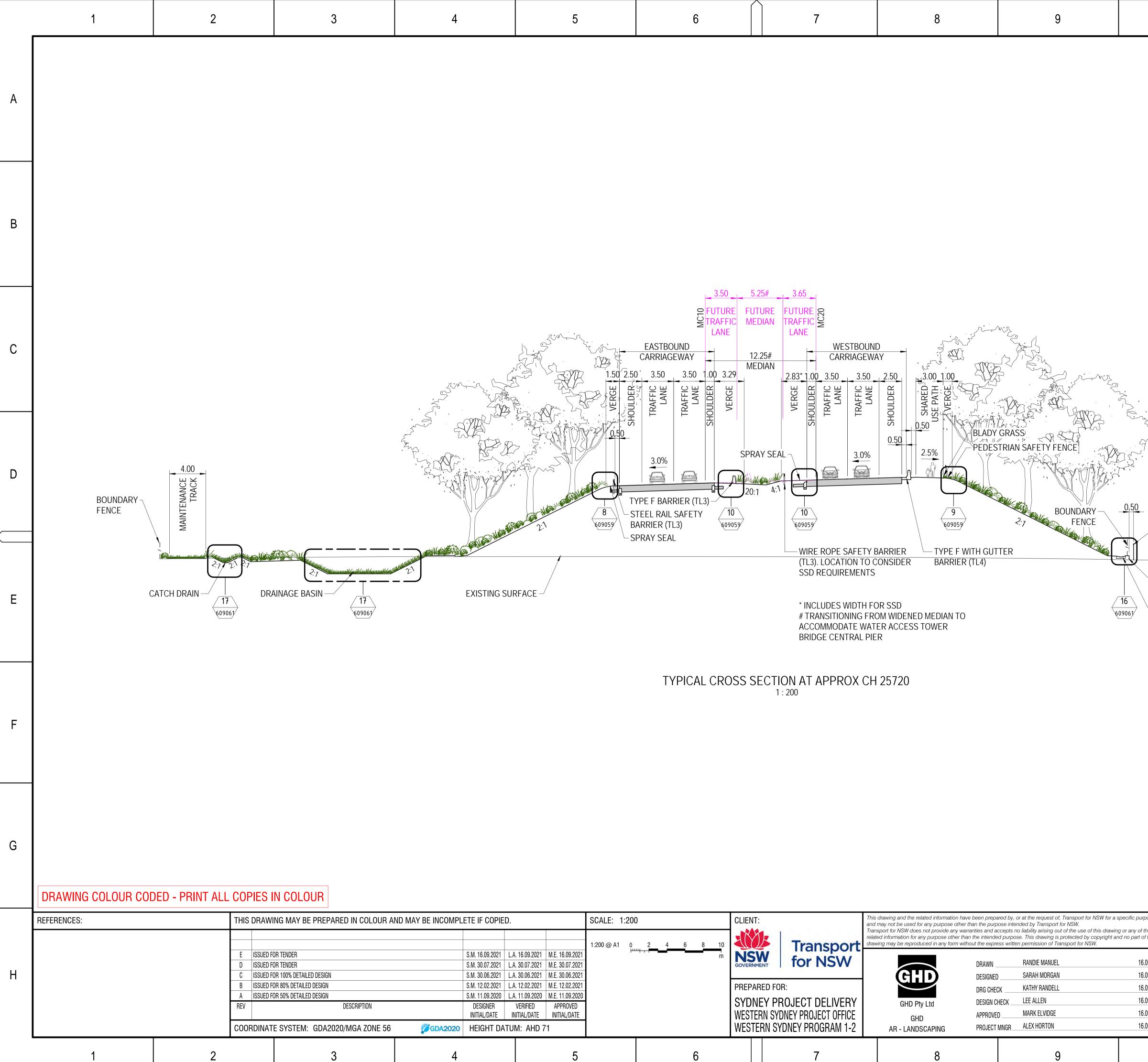
	D
	12CDD-GHDA-ML2-LA-M3D-000001.rvt
	BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-000001.rvt
DER	PLOT DATE & TIME: 9/16/2021 11:52:18 AM O

С

Η

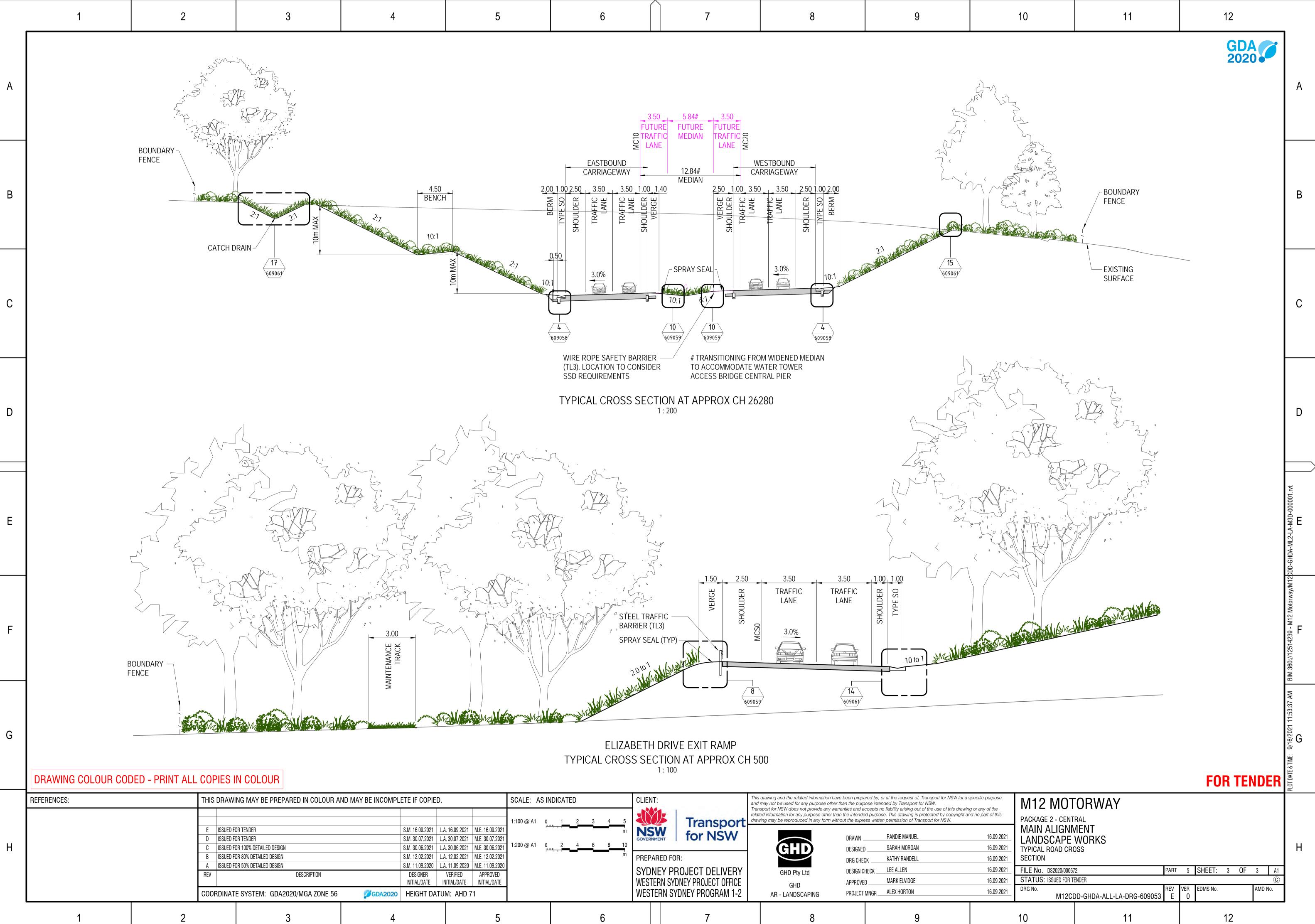


	SCALE: 1:200)				CLIENT:				This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific purp and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the						
.09.2021	1:200 @ A1 0 严	2 4	6	8	10 m			Transport	relate	sport for NSW does not provide any ted information for any purpose other ing may be reproduced in any form t	than the intende	ed purpose. Ti ess written pei	his drawing is protected rmission of Transport fo	d by copyright and	d no part of th	
.07.2021						GOVERNME	NT	for NSW			DRAWN _	RA	ANDIE MANUEL		16.09	
.06.2021										GHD	DESIGNED) SA	ARAH MORGAN		16.09	
.02.2021						PREPAR	ED FOR	:			DRG CHE	CK KA	THY RANDELL		16.09	
.09.2020						ואחעא		OJECT DELIVERY			DESIGN C		E ALLEN		16.09	
Roved L/date								NEY PROJECT OFFICE		GHD Pty Ltd GHD	APPROVE		ARK ELVIDGE		16.09	
								ONEY PROGRAM 1-2		AR - LANDSCAPING	PROJECT	MNGR AL	EX HORTON		16.09	
5				6				7		8			9			



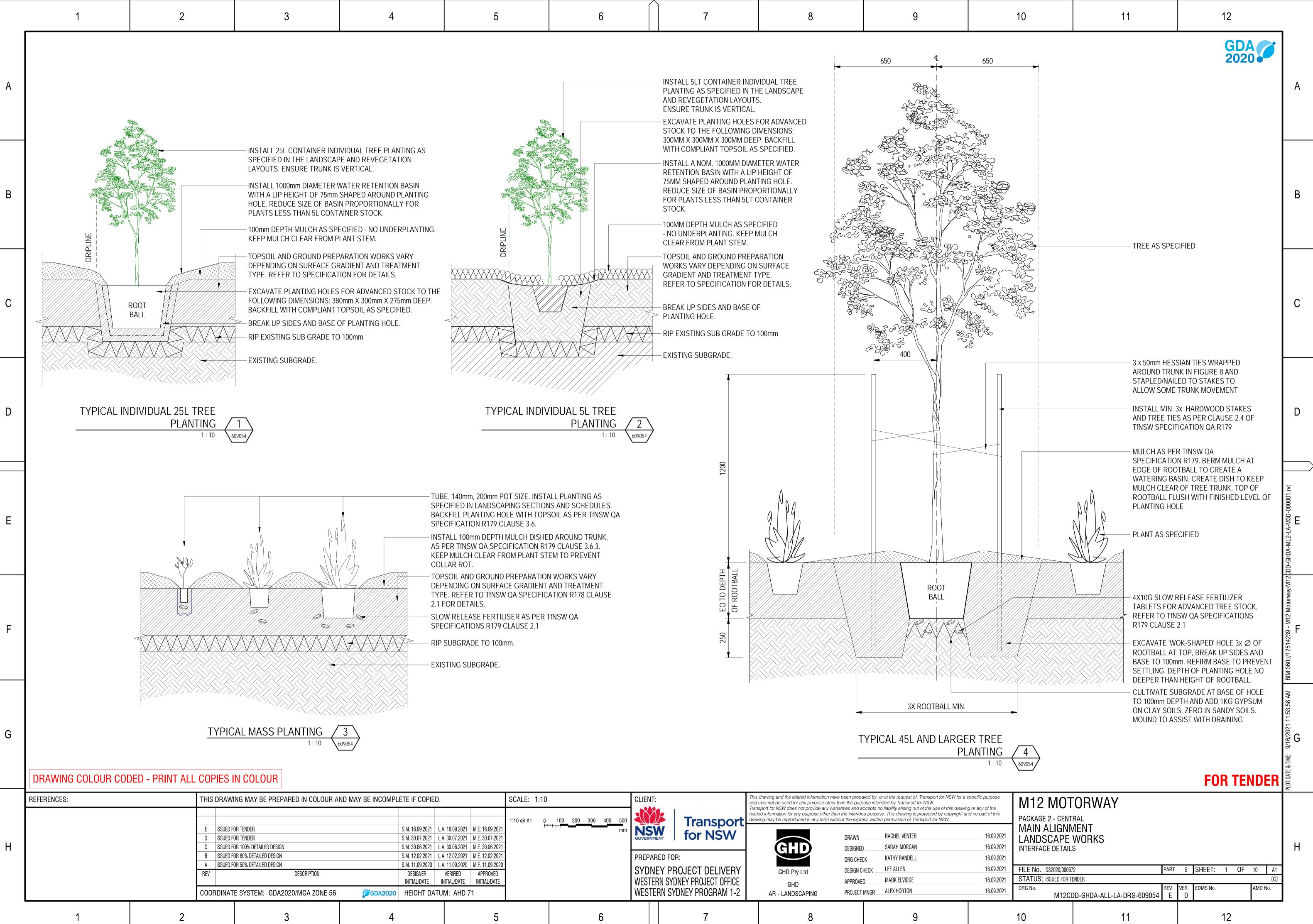
5	6	7	8	9	

	10	11	12	
			GDAcco	A
				В
,				С
-	~ Boundary			D
RE RE	INFORCED CONCR TAINING WALL. FO FER TO STRUCTUF PE SO KERB	R DETAILS		:DD-GHDA-ML2-LA-M3D-000001.rvt TT
				BIM 360://12514239 - M12 Motorway/M12CDD-GHDA-ML2-LA-M3D-000001.rvt
			FOR TENDER	PLOT DATE & TIME: 9/16/2021 11:53:06 AM ص
Irpose f the of this 6.09.2021 6.09.2021 6.09.2021 6.09.2021 6.09.2021 6.09.2021	MAIN ALIGNN DACKAGE 2 - CENTR MAIN ALIGNN LANDSCAPE TYPICAL ROAD CRC SECTION FILE NO. DS2020/00067 STATUS: ISSUED FOR TE DRG NO. M12CD	RAL IENT WORKS DSS 2 PART	5 SHEET: 2 OF 3 A1 C VER EDMS NO. 0 AMD NO. 12	Н



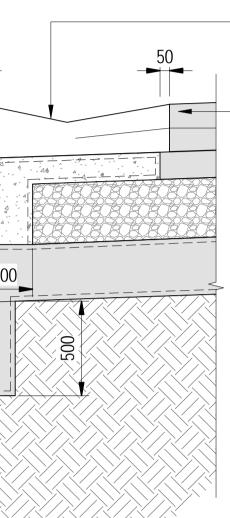
5	6	$\widehat{}$	7	8	9	

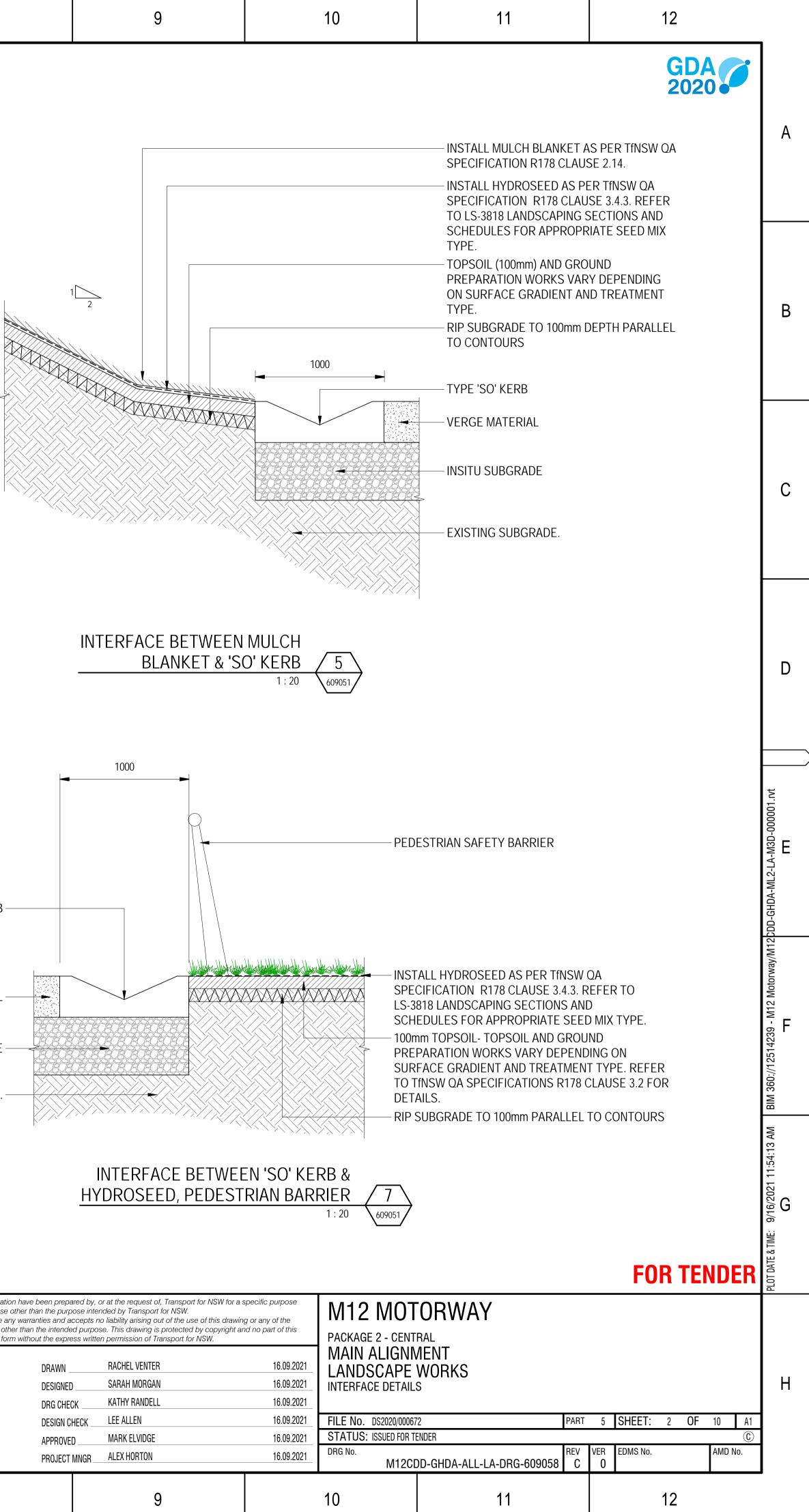
	SCALE: AS IN	IDICATED	3	4	5	CLIENT:			This drawing and the related information have been prepared by, or at the request of, Transport for NSW and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this crelated information for any purpose other than the intended purpose. This drawing is protected by copyrid drawing may be reproduced in any form without the express written permission of Transport for NSW.						g or any of th
6.09.2021	ļ. ļ.	╨╫╶╷╶┦══┓			m	NS	N					-			
0.07.2021						GOVERNM	INT	for NSW			DRAWN	ŀ	RANDIE MANUEL		16.0
0.06.2021	1:200 @ A1 0 µ···	2 4	6	8	10				1	GHD	DESIGNED)8	SARAH MORGAN		16.0
2.02.2021					m	PREPAF	ED FOR:				DRG CHE	ск н	KATHY RANDELL		16.0
1.09.2020						SVDN		JECT DELIVERY		GHD Pty Ltd	DESIGN C		LEE ALLEN		16.0
ROVED										GHD Ply Llu			MARK ELVIDGE		16.0
AL/DATE								EY PROJECT OFFICE		GHD	APPROVE	U			
						WESTE	RN SYDI	NEY PROGRAM 1-2		AR - LANDSCAPING	PROJECT	MNGR	ALEX HORTON		16.0
5				6				7		8			9		

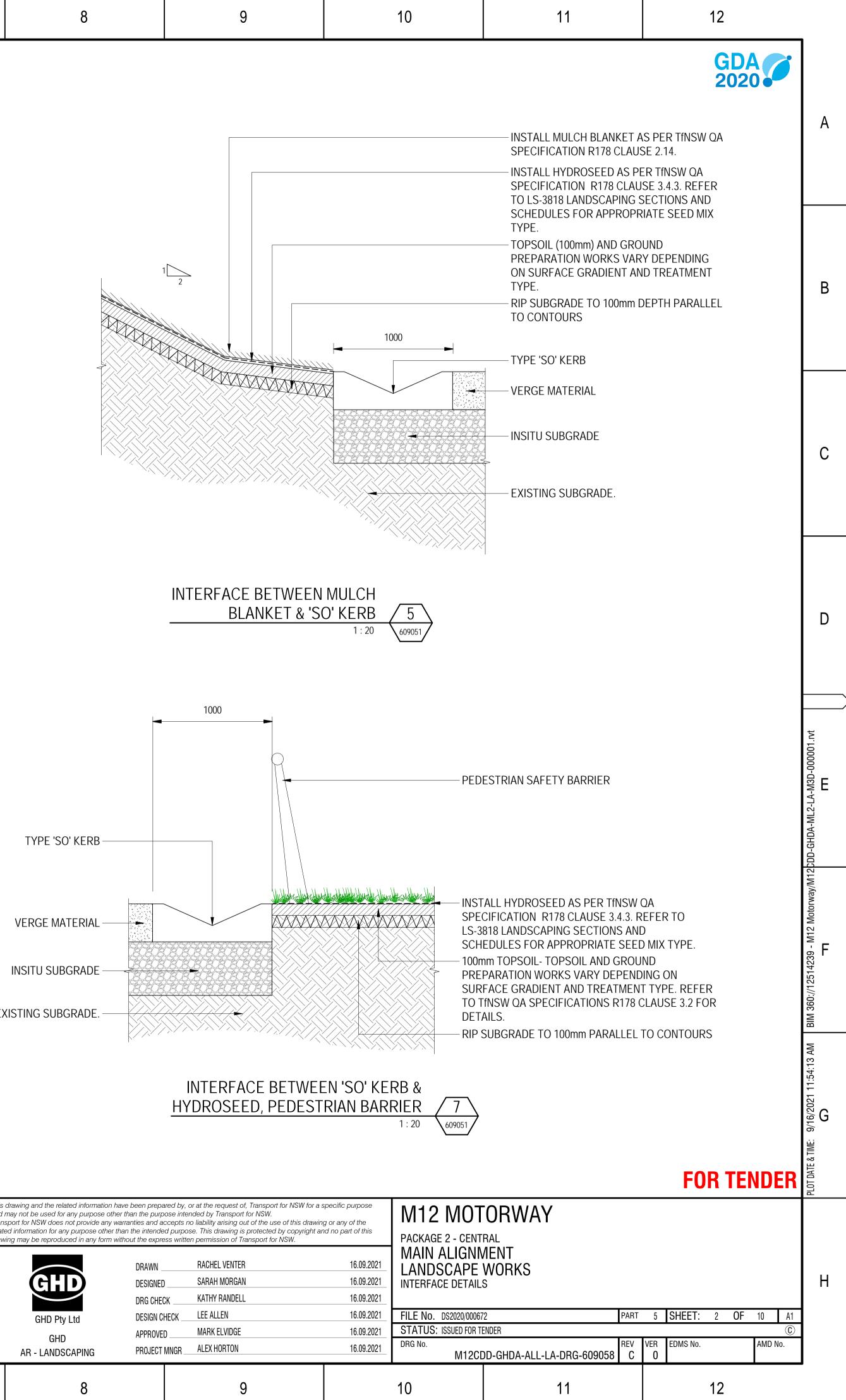


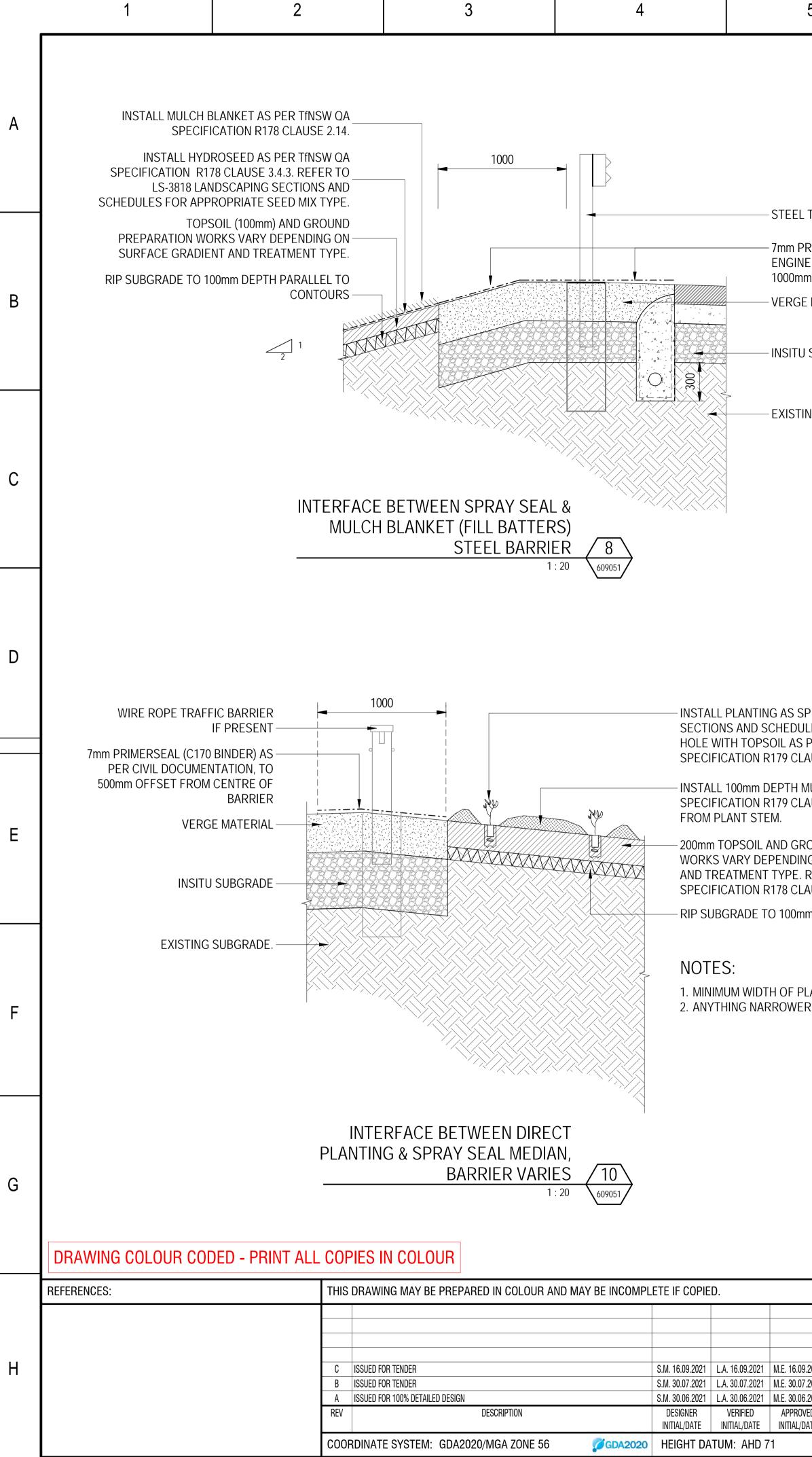
					_								
	SCALE: 1:10				CLIENT:			and i	may not be used for any purpose oth	ner than the purp	oose inter		
	1:10 @ A1 0	100 200	300 4	00 500			Transport	relate		than the intende	ed purpos	o liability arising out of the use of this dra se. This drawing is protected by copyrigh n permission of Transport for NSW.	
.09.2021 .07.2021				mm	GOVERNME	NT	for NSW			DRAWN		RACHEL VENTER	16.09
.06.2021									GID	DESIGNE)	SARAH MORGAN	16.09
.02.2021					PREPAR	ed foi	R:			DRG CHE	CK	KATHY RANDELL	16.09
.09.2020 ROVED					SYDNE		ROJECT DELIVERY		GHD Pty Ltd	DESIGN C	HECK	LEE ALLEN	16.09
L/DATE							NEY PROJECT OFFICE		2	APPROVE	D	MARK ELVIDGE	16.09
							DNEY PROGRAM 1-2		GHD AR - LANDSCAPING	PROJECT	MNGR	ALEX HORTON	 16.09
5	-		6				7		8			9	

	1	2	3	4	5	6	7	8	9	
A	INSTALL COMPO SPECIFICATIO LS-3818 LANDSCAPI	CONCRETE WHERE APPLICABLE – OST BLANKET AS PER TfNSW QA – ON R178 CLAUSE 2.13. REFER TO ING SECTIONS AND SCHEDULES & APPROPRIATE SEED MIX TYPE.								
В		GRADE TO 100mm PARALLEL TO CONTOURS -					GE MATERIAL DE POST E 'SO' GUTTER (R15)			
С						DETA	EMENT AND ROAD FORMATION AILS NOMINAL ONLY. REFER TO DRAWING PACKAGE FOR AILS			
D				EEN SPRAY SEAL & CET (CUT BATTERS) STEEL BARRIER 4 1:20 6090					INTERFACE BETWEI BLANKET &	
E	SI	DING TO AMELIORATED EXISTING TE TOPSOIL REFER TO TfNSW QA CIFICATION R178 CLAUSE 3.4 FOR DETAILS			SPE LS-:	TALL HYDROSEED AS PER T CIFICATION R178 CLAUSE 3 818 LANDSCAPING SECTIO EDULES FOR APPROPRIAT	3.4.3. REFER TO NS AND	TYPE 'SO' KERB		
F	TOPS WORKS GRADIEN T	DETAILS ORATED EXISTING SITE TOPSOIL - SOIL AND GROUND PREPARATION S VARY DEPENDING ON SURFACE IT AND TREATMENT TYPE. REFER O TFNSW QA SPECIFICATION R178 CLAUSE 3.2 FOR DETAILS. NG SUBGRADE, REFER TO TFNSW SPECIFICATION QA R44			AMI TOF WO GRA TfN FOF RIP RIP	ELIORATED EXISTING SITE T PSOIL AND GROUND PREPAI RKS VARY DEPENDING ON S ADIENT AND TREATMENT TY SW QA SPECIFICATION R178 R DETAILS. FILL & EXISTING SUBGRADI CUT SUBGRADE TO 100mm	TOPSOIL - RATION SURFACE (PE. REFER TO 8 CLAUSE 3.2 E TO 150-200mm,	VERGE MATERIAL		
G					6				INTERFACE BETW <u>HYDROSEED, PEDE</u>	
Н	DRAWING COLOUR COL	C ISSUED F B ISSUED F A ISSUED F REV	ING MAY BE PREPARED IN COLOUR A	S.M. 30.07.2021 L.A. 3 S.M. 30.06.2021 L.A. 3 DESIGNER V INITIAL/DATE INIT	SCALE: AS I SCALE: AS I 1:10 @ A1 0 1:20 @ A1 0 1:20 @ A1 0 1:20 @ A1 0 H 1:20 @ A1 0 H SCALE: AS I 0 H 1:20 @ A1 0 H 1:20 0 H 1	100 200 300 400 500 mm 200 400 600 800 1000 mm	CLIENT: Transport for NSW PREPARED FOR: SYDNEY PROJECT DELIVERY WESTERN SYDNEY PROJECT OFFICE	and may not be used for any purpose other the Transport for NSW does not provide any warrar related information for any purpose other than drawing may be reproduced in any form without GHD Pty Ltd GHD	been prepared by, or at the request of, Transport for NSW han the purpose intended by Transport for NSW. anties and accepts no liability arising out of the use of this of the intended purpose. This drawing is protected by copyri- but the express written permission of Transport for NSW. DRAWN	drawing or any of the right and no part of th 16.09 16.09 16.09 16.09
	1	COORDINAT	E SYSTEM: GDA2020/MGA ZONE 56	Comparison HEIGHT DATUM 4 4	1: AHD 71 5	6	WESTERN SYDNEY PROGRAM 1-2	AR - LANDSCAPING	PROJECT MNGR ALEX HORTON	16.09





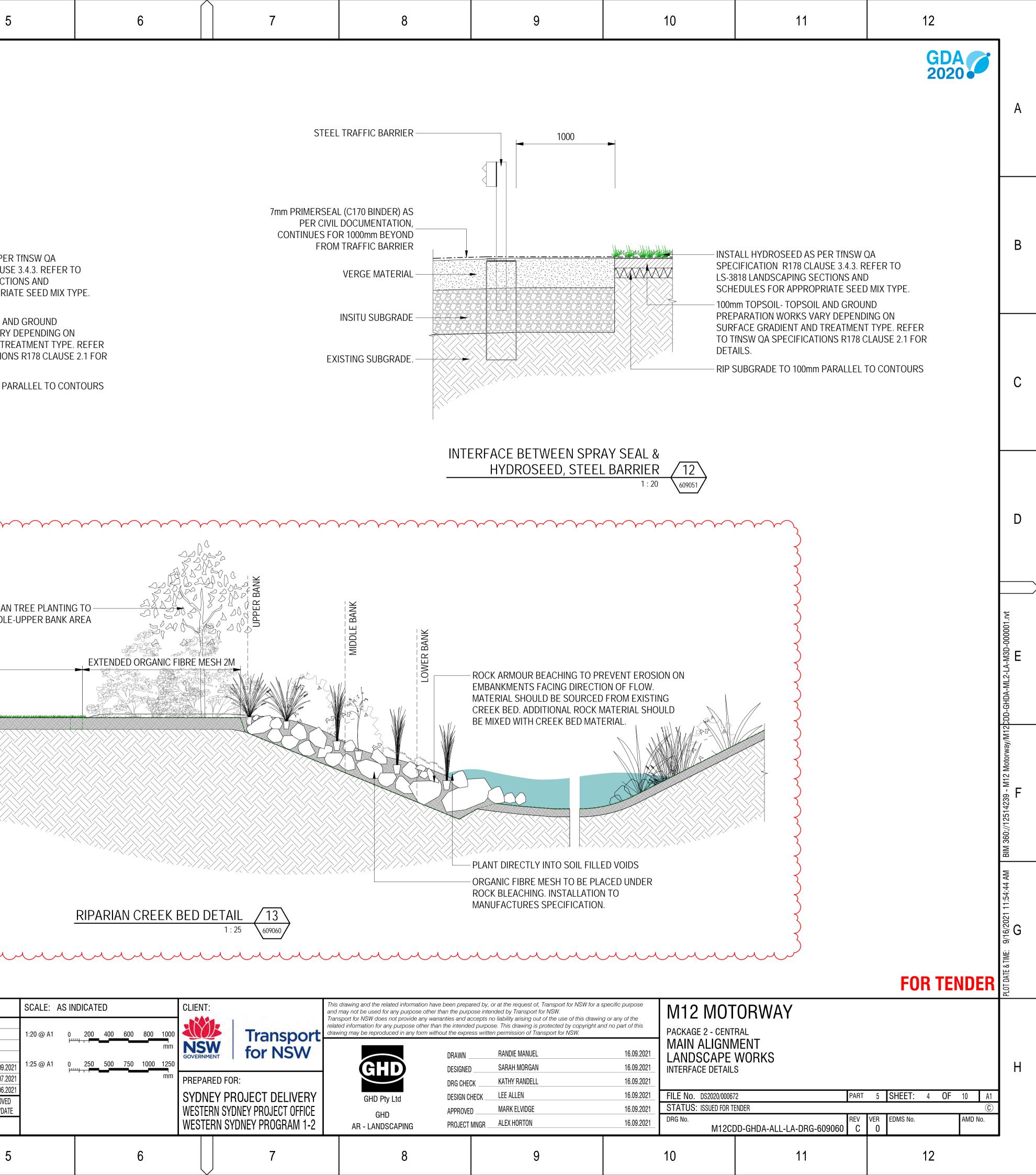


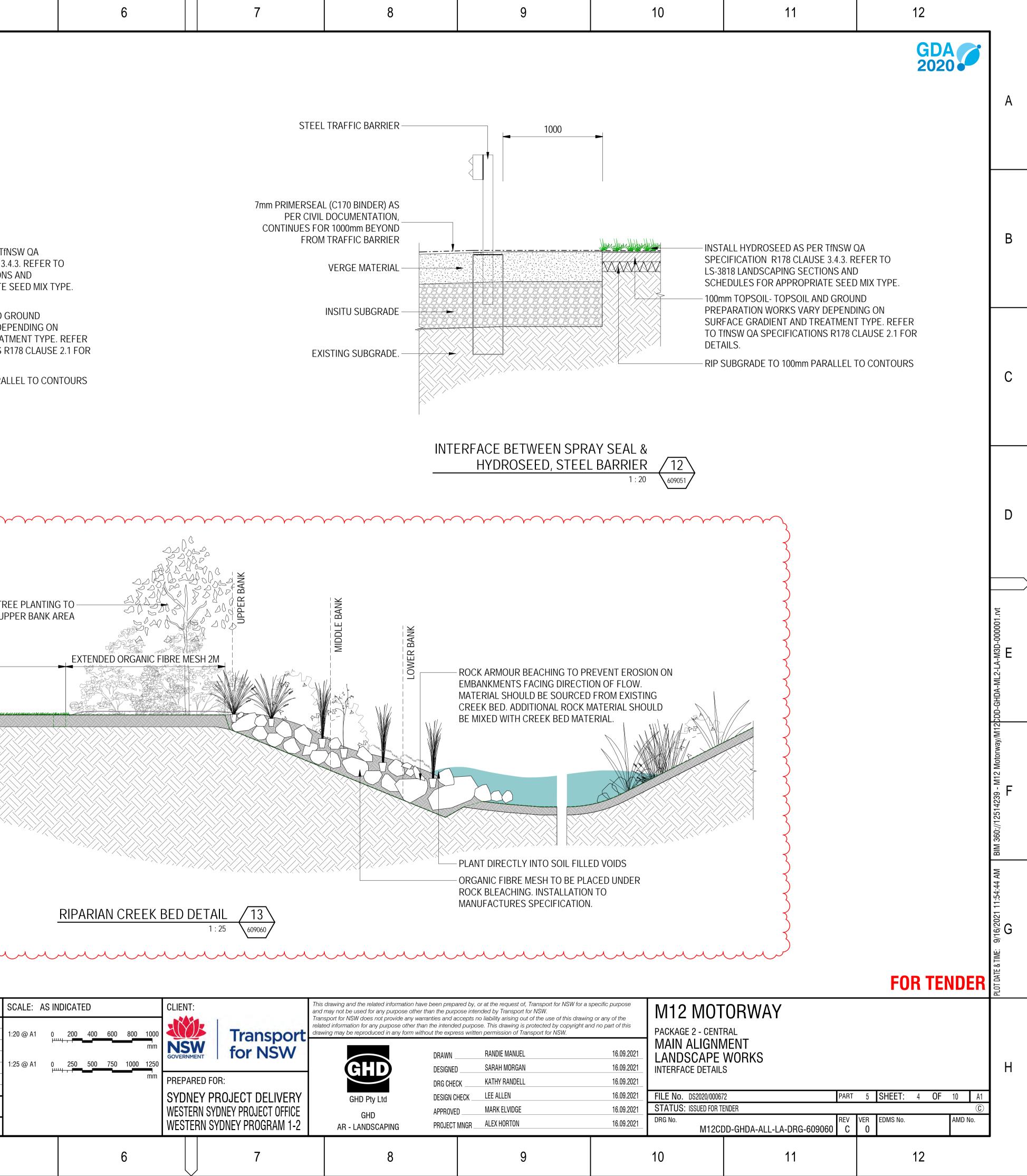


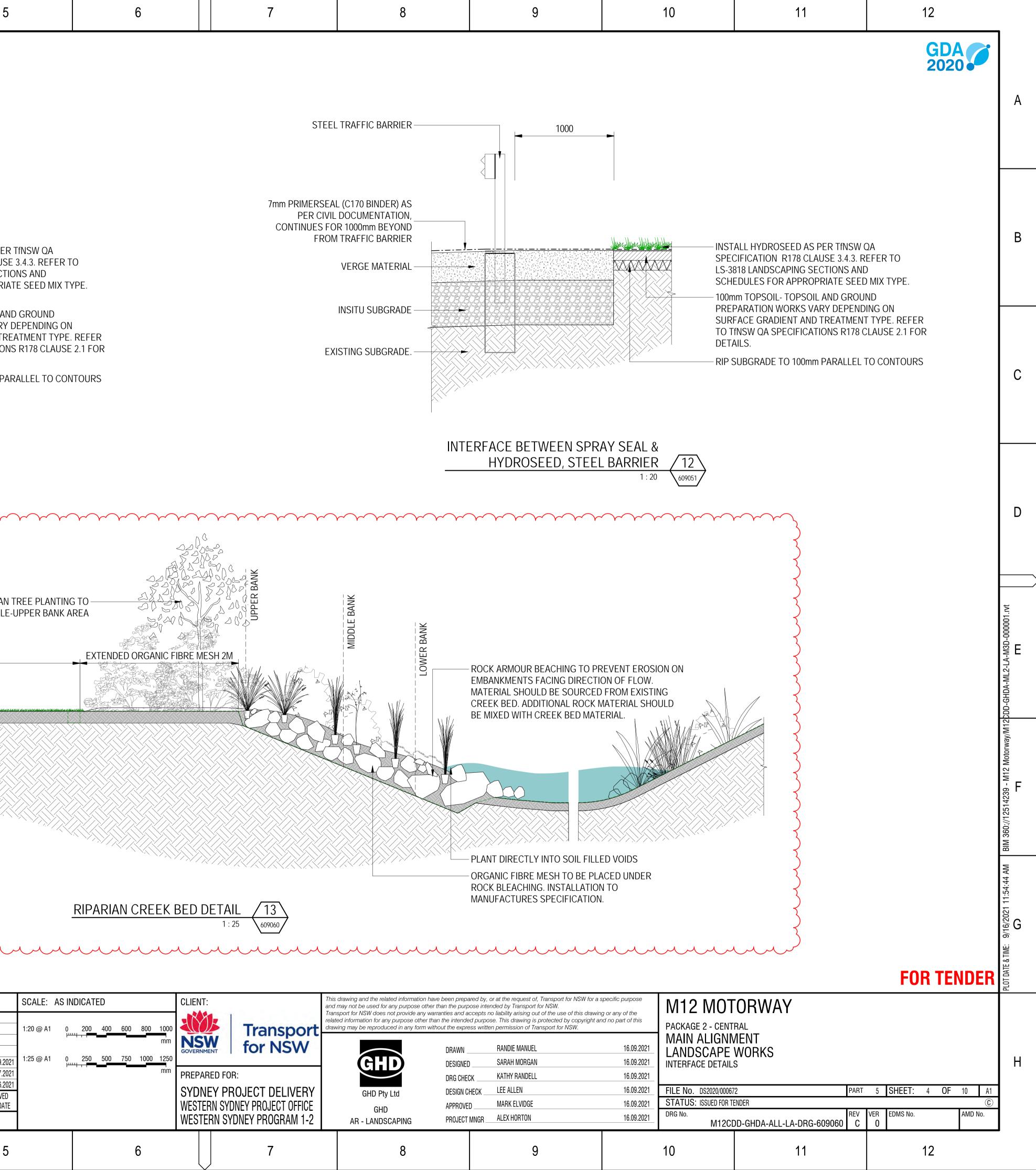
5	6		7	8		9		10	11	12	
			SPECIF INSTALL TfNSW QA SF	BLANKET AS PER TfNSW QA ICATION R178 CLAUSE 2.14. PECIFICATION R178 CLAUSE R TO LS-3818 LANDSCAPING						GDAcco	A
	BINDER) AS PER CIVIL ATION, CONTINUES FOR		TOP PREPARATION WO SURFACE GRADIE	EDULES FOR APPROPRIATE SEED MIX TYPE SOIL (100mm) AND GROUND ORKS VARY DEPENDING ON – ENT AND TREATMENT TYPE. JBGRADE TO 100mm DEPTH PARALLEL TO CONTOURS – 2				INSTALL CENTRE TOPSOIL	RIAN SAFETY FENCE BLADY GRASS TO 500mm OFFSET OF BARRIER UBGRADE	FROM	В
STING SUBGRADE.						ACE BETWEEN BLADY CH BLANKET (FILL BA PEDESTRIAN B	TTERS),	9 609051	S SUBGRADE.		С
S SPECIFIED IN LANDS DULES. BACKFILL PLA AS PER TfNSW QA											D
CLAUSE 3.6. TH MULCH AS PER TfN CLAUSE 3.6. KEEP MU GROUND PREPARATI IDING ON SURFACE G PE. REFER TO TfNSW (CLAUSE 2.1 FOR DET 00mm.	ULCH CLEAR ION IRADIENT QA										/M12CDD-GHDA-ML2-LA-M3D-000001.rvt
F PLANTING BETWEEI WER TO BE SPRAYSE	N BARRIERS TO BE 2m. ALED.										27 AM BIM 360://12514239 - M12 Motorway
SCALE: 1:20		CLIENT:	Th	is drawing and the related information have be	een prepared l	by, or at the request of, Transport for NSW for a s	pecific purpose			FOR TENDER	PLOT DATE & TIME: 9/16/2021 11:54:2 O
1:20 @ A1 0 1:20	200 400 600 800 1000 mm	PREPARED SYDNEY WESTERN S	Transport for NSW	d may not be used for any purpose other than ansport for NSW does not provide any warranti ated information for any purpose other than the awing may be reproduced in any form without	the purpose i ies and accep e intended pu	intended by Transport for NSW. tots no liability arising out of the use of this drawing trpose. This drawing is protected by copyright an tritten permission of Transport for NSW. RACHEL VENTER SARAH MORGAN KATHY RANDELL LEE ALLEN MARK ELVIDGE	g or any of the	M12 MOT PACKAGE 2 - CENT MAIN ALIGNN LANDSCAPE INTERFACE DETAILS FILE NO. DS2020/00067 STATUS: ISSUED FOR TH DRG NO. M12CE	RAL IENT WORKS S 2 PART ENDER	5 SHEET: 3 OF 10 A1 C C C C VER EDMS No. AMD No. AMD No.	Н
5	6		7	8		9		10	11	12	

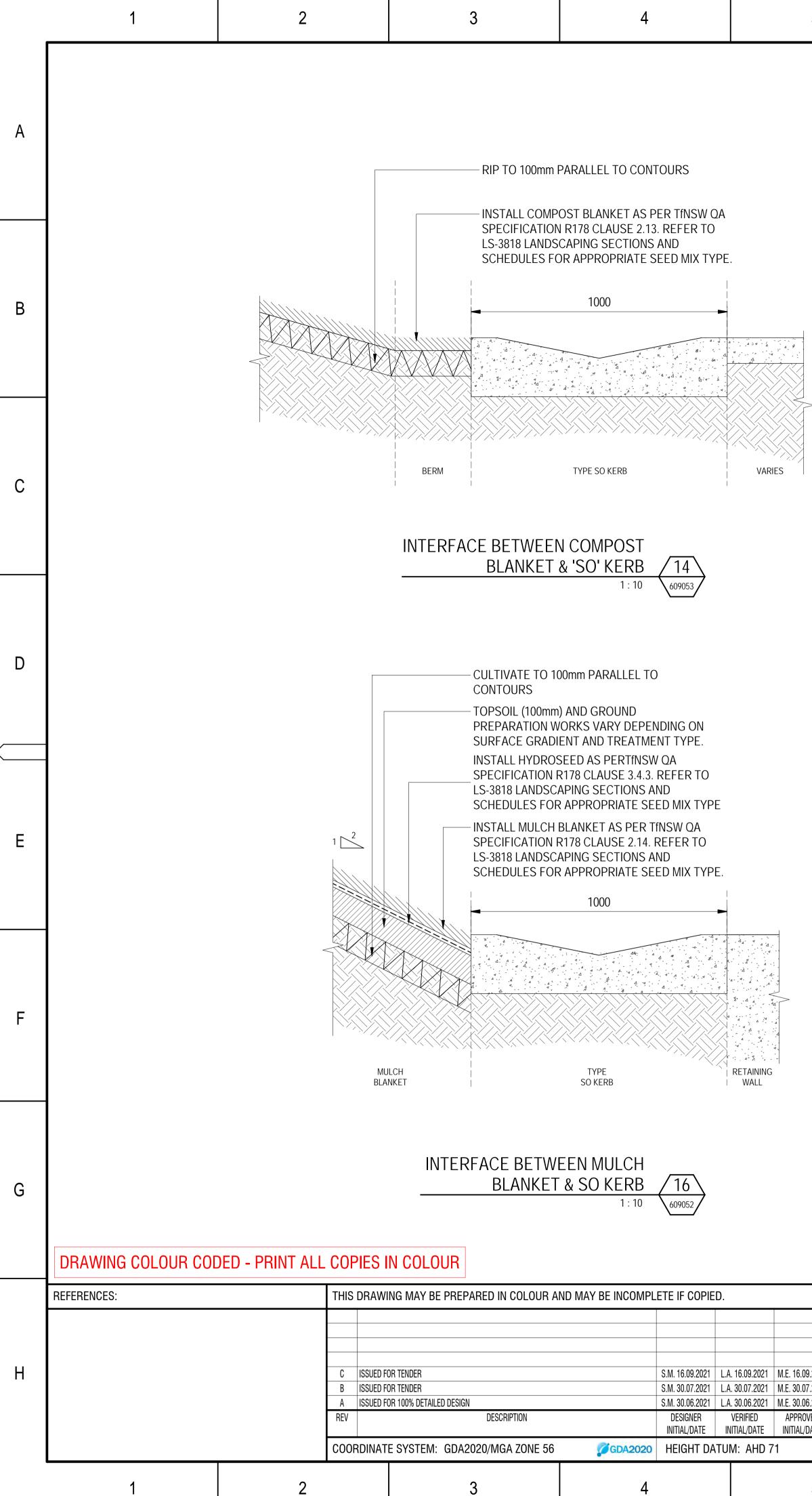
0		I	0		0		10		12	
					1000				GDA 2020	A
EEL TRAFFIC BARRIEF	2	SPECI INSTALL TfNSW QA S 3.3.2 REFE	I BLANKET AS PER TfNSW QA IFICATION R178 CLAUSE 2.14. SPECIFICATION R178 CLAUSE ER TO LS-3818 LANDSCAPING HEDULES FOR APPROPRIATE				PEDEST	RIAN SAFETY FENCE		
	BINDER) AS PER CIVIL ATION, CONTINUES FOR TRAFFIC BARRIER	PREPARATION W SURFACE GRAD	SEED MIX TYPE PSOIL (100mm) AND GROUND VORKS VARY DEPENDING ON IENT AND TREATMENT TYPE. SUBGRADE TO 100mm DEPTH PARALLEL TO CONTOURS) 			CENTRE	BLADY GRASS TO 500mm OFFSET OF BARRIER 	FROM	В
ISTING SUBGRADE.				NTERFA	ACE BETWEEN BLADY CH BLANKET (FILL BA PEDESTRIAN E	TTERS),	EXISTING	g subgrade.		С
S SPECIFIED IN LAND EDULES. BACKFILL PL						1.20	009031			D
AS PER TfNSW QA CLAUSE 3.6. TH MULCH AS PER TfN										.nt
CLAUSE 3.6. KEEP MI										M3D-000001. TT
GROUND PREPARAT IDING ON SURFACE G PE. REFER TO TINSW CLAUSE 2.1 FOR DET D0mm.	GRADIENT QA									2CDD-GHDA-ML2-LA-V
F PLANTING BETWEE WER TO BE SPRAYSE	N BARRIERS TO BE 2m. ALED.									M 360://12514239 - M12 Motorway/M ⁻ 1
										& TIME: 9/16/2021 11:54:27 AM BI
		T	This drawing and the related information have	been prepared h	by, or at the request of, Transport for NSW for a	specific purpose			FOR TENDER	PLOT DATE
SCALE: 1:20 	200 400 600 800 1000 mm	Transport for NSW	and may not be used for any purpose other th Transport for NSW does not provide any warra related information for any purpose other than drawing may be reproduced in any form witho GHD Pty Ltd	nan the purpose in Anties and accept I the intended pur	ntended by Transport for NSW. ts no liability arising out of the use of this drawir rpose. This drawing is protected by copyright a ritten permission of Transport for NSW. RACHEL VENTER SARAH MORGAN KATHY RANDELL	g or any of the	M12 MOT PACKAGE 2 - CENT MAIN ALIGNN LANDSCAPE INTERFACE DETAIL FILE NO. DS2020/0006 STATUS: ISSUED FOR T	TRAL MENT WORKS S 72 TENDER	5 SHEET: 3 OF 10 A1 ©	Н
		N SYDNEY PROGRAM 1-2	GHD AR - LANDSCAPING	PROJECT MNGF	ALEX HORTON	16.09.2021	•	DD-GHDA-ALL-LA-DRG-609059 C	VER EDMS No. AMD No.	J
5	6	7	8		9		10	11	12	

HYDROSEED, BARRIER VARIES HYDROSEED, BARRIER VARIES HYDROSEED, BARRIER VARIES HYDROSEED, STEI HYDROSEED,		1	2	3	4	5	6	7	8	9	
	A			1000					STEEL TRAFFIC BARRIER -		
	В		n PRIMERSEAL (C170 BINDEF PER CIVIL DOCUMENTAT CONTINUES FOR 500mm OFI M CENTRE OF TRAFFIC BAR	R) AS TION, FSET RIER	SPECIFI LS-3818	CATION R178 CLAUSE 3.4.3. REFER T LANDSCAPING SECTIONS AND		P	ER CIVIL DOCUMENTATION, _ NUES FOR 1000mm BEYOND FROM TRAFFIC BARRIER		
Image: Control of the second of the secon	С				PREPAR SURFAC TO TfNS DETAILS	RATION WORKS VARY DEPENDING ON CE GRADIENT AND TREATMENT TYPE SW QA SPECIFICATIONS R178 CLAUSE S.	. REFER E 2.1 FOR				
E Isolate Levels and ALLE F Isolate Levels and ALLE F Isolate Levels and ALLE COURS SEEDING TO AREAS BEYOND TO ORDER TO AREAS BEYOND TO ORDER TO AREAS BEYOND TO DE THE MALL AND TO AREAS BEYOND TO THE MALL AND TO AREAS BEYOND TO AREAS BEYOND TO THE MALL AND THE M	D		$\left\{ \right\}$		RRIER VARIES $\sqrt{11}$	> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				INTERFACE BETWEEN SPR HYDROSEED, STEE	
F COUCH SEEDING TO AREAS BEYOND TOP- OF BARK REFER TO TYPICAL DE HAL AND DEADTING CALLS SERVIND TOP- OF BARK REFER TO TYPICAL DE HAL AND DEADTING CALLS SERVIND TOP- DEADTING CALLS SERVIND TOP- DEA	E			MAINTENANCE ACCESS TRACK. —		MIDDLE-UPPER BANK A	AREA	FIBRE MESH 2M	MIDDLE BANK	ROCK ARMOUR BEACHING TO P EMBANKMENTS FACING DIRECT MATERIAL SHOULD BE SOURCE CREEK BED. ADDITIONAL ROCK BE MIXED WITH CREEK BED MAT	TION OF FLO D FROM EX MATERIAL
G BANK. REFER TO TYPICAL DETAIL AND PLANTING PLANS. RIPARIAN CREEK BED DETAIL 1.23 RIPARIAN CRE	F										
References: This Drawling MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED. SCALE: AS INDICATED CLIENT: This drawing and he related information have been prepared by, or at the request of Transport for NSW. Transport for NSW des not provide any wennote any burgoes either deal by for any purpose other than the purpose interded by Transport for NSW. H Image: Complex Compl	G	DRAWING COLOUR COD	OF B.	ANK. REFER TO TYPICAL DETAIL AND PLANTING PLANS.	J			1 : 25 609060		PLANT DIRECTLY INTO SOIL FILL ORGANIC FIBRE MESH TO BE PL ROCK BLEACHING. INSTALLATIC MANUFACTURES SPECIFICATION	LACED UND DN TO N.
1 2 3 4 5 6 7 8 9	Η		THIS C B A REV	DRAWING MAY BE PREPARED IN COLOUR A ISSUED FOR TENDER ISSUED FOR TENDER ISSUED FOR TENDER ISSUED FOR 100% DETAILED DESIGN DESCRIPTION	S.M. 16.09.2021 S.M. 30.07.2021 S.M. 30.06.2021 DESIGNER INITIAL/DATE	Image: L.A. 16.09.2021 M.E. 16.09.2021 1:20 @ A1 0 // // // // // // // // // // // // //	200 400 600 800 1000 mm 250 500 750 1000 1250	PREPARED FOR: SYDNEY PROJECT DELIVE WESTERN SYDNEY PROJECT OFF	and may not be used for any purpos Transport for NSW does not provide related information for any purpose of drawing may be reproduced in any f RY ICE 1-2 GHD Pty Ltd GHD AR - LANDSCAPING	ee other than the purpose intended by Transport for NSW. any warranties and accepts no liability arising out of the use of this draw. other than the intended purpose. This drawing is protected by copyright form without the express written permission of Transport for NSW. DRAWN	









5	6	7	8	9	
	SCHE	INSTALL HYDROSEED AS PER ECIFICATION R178 CLAUSE 3.4.3. LS-3818 LANDSCAPING SEC EDULES FOR APPROPRIATE SEED RIP EXISTING SUBGRADE AMELIORATED EXISTING SITE TOPSOIL AND GROUND PRE WORKS VARY DEPENDING ON RADIENT AND TREATMENT TYPE. TINSW QA SPECIFICATION R178 C FOR	REFER TO TIONS AND MIX TYPE. TO 100mm. TOPSOIL - PARATION I SURFACE REFER TO CLAUSE 2.1 R DETAILS.	EEN HYDROSEED & TS (CUT BATTERS)	- INSTALL SPECIFI LS-3818 SCHEDU
		1	SPECIFICAT LS-3818 LAN SCHEDULES INSTALL HY SPECIFICAT LS-3818 LAN	MPOST BLANKET AS PER TfNSW ION R178 CLAUSE 2.13. REFER TO IDSCAPING SECTIONS AND S FOR APPROPRIATE SEED MIX T DROSEED AS PER TfNSW QA ION R178 C LAUSE 3.4.3. REFER IDSCAPING SECTIONS AND S FOR APPROPRIATE SEED MIX T	O TYPE. TO

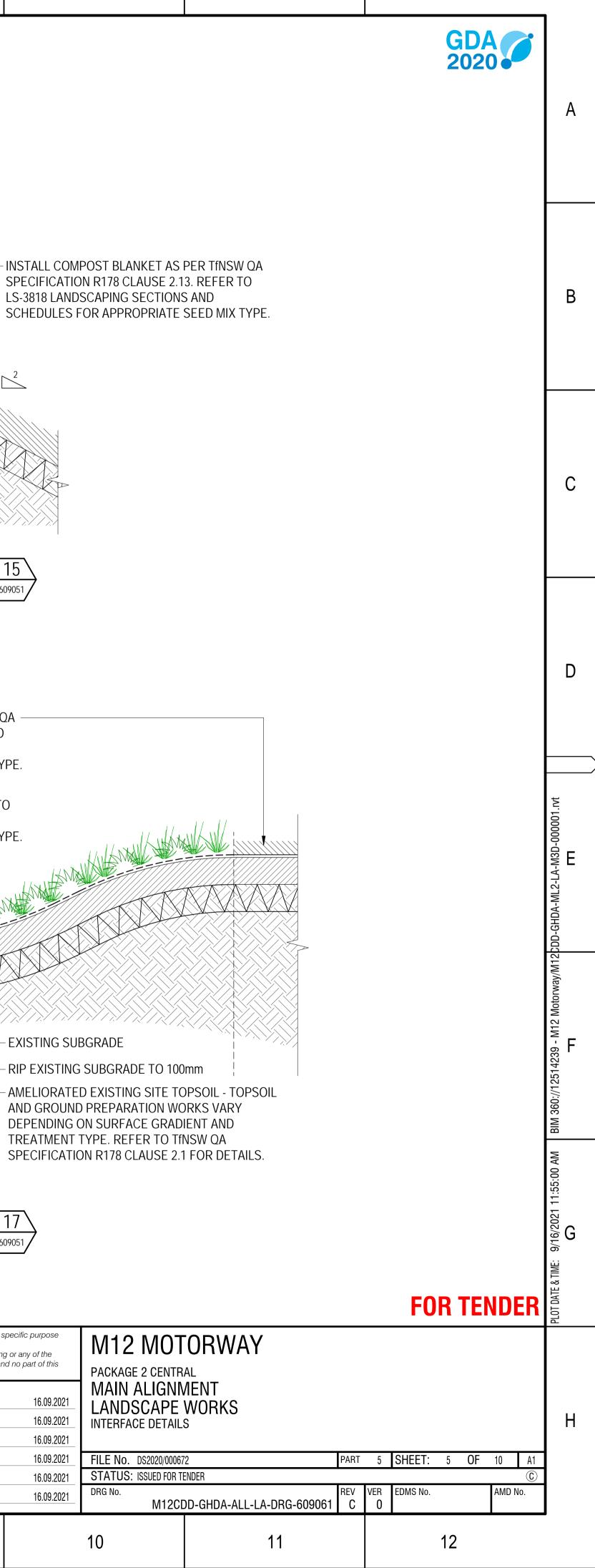
DRAINAGE CHANNE

INTERFACE BETWEEN COMPOST BLANKET & HYDROSEEDED DRAINAGE CHANNEL 1 : 10

/17

609051

	SCALE: 1:	10					CLIENT:			and r	drawing and the related information I nay not be used for any purpose oth	er than the purp	ose inter	nded by Transport for NSW.		
	1:10 @ A1	0 100	200	300	400	500		1	Transport	relate	sport for NSW does not provide any v ed information for any purpose other ing may be reproduced in any form v	than the intende	ed purpos	se. This drawing is protected k	by copyright and	
		FF				mm		N	for NSW			DRAWN		RACHEL VENTER		16.
6.09.2021											GID	DESIGNED)	SARAH MORGAN		16.
0.07.2021							PREPAF	RED FOR:				DRG CHE	CK	KATHY RANDELL		16.
).06.2021 ROVED							SYDN		JECT DELIVERY		GHD Pty Ltd	DESIGN C	HECK	LEE ALLEN		16.
AL/DATE									EY PROJECT OFFICE		GHD	APPROVE	D	MARK ELVIDGE		16.
,									NEY PROGRAM 1-2		AR - LANDSCAPING	PROJECT	MNGR	ALEX HORTON		16.
5					6				7		8			9		
							l	J								



12

11

3

GENERAL NOTES

В

С

D

Ε

G

Η

- 1. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
- 2. THE CONTRACTOR SHALL CONFIRM LOCATION OF ALL SERVICES AND DRAINAGE PRIOR TO COMMENCING WORK. 3. THE CONTRACTOR SHALL ENSURE ADOPTED METHOD OF CONSTRUCTION WILL AVOID DAMAGE TO ANY SERVICES AND DRAINAGE.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE NECESSARY PROPPING FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION DURING CONSTRUCTION.
- 5. THESE NOTES SHALL BE READ IN CONJUNCTION WITH ALL ENGINEERING DRAWINGS, THE CONTRACT SPECIFICATION, AND OTHER WRITTEN INSTRUCTION AS MAY BE ISSUED. IN CASE OF DISCREPANCY, PRECEDENCE IS
- GIVEN TO DRAWINGS, NOTES, THEN SPECIFICATION.
- 6. THE CONTRACT SPECIFICATION IS:
- BRIDGE AND STRUCTURE DETAIL DESIGN QA SPECIFICATION PS361 ADDENDUM 4 25/11/2019
- 7. THESE DRAWINGS SHALL NOT BE USED FOR COMMITTING TO MATERIALS ORDERS, OR CONSTRUCTION UNTIL AUTHORISED AND ISSUED AS "FOR CONSTRUCTION".

SERVICES

1. THE CONTRACTOR'S ATTENTION IS PARTICULARLY DRAWN TO THE POTENTIAL HAZARD PRESENTED BY THE PRESENCE OF BURIED, CONCEALED, AND/OR OVERHEAD SERVICES IN THE AREA OF CONSTRUCTION ACTIVITY. PRIOR TO ANY CONSTRUCTION ACTIVITY ON SITE (INCLUDING EXCAVATION, DRILLING, OR PILING) THE CONTRACTOR SHALL CHECK WITH ALL RELEVANT AUTHORITIES AND OBTAIN ALL NECESSARY PERMITS. THE CONTRACTOR SHALL, BY SITE EXPLORATION. CONFIRM THE LOCATION OF ALL SERVICES WHICH MAY BE AFFECTED BY THE WORKS. THE CONTRACTOR SHALL MARK THE LOCATION OF ALL SERVICES CLEARLY AND ACCURATELY ON SITE AND ON THE AS-BUILT DRAWINGS. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO ESTABLISH THE LOCATION AND PROTECT ALL AFFECTED SERVICES AT THE SITE. SERVICES SHOWN ON DRAWINGS ARE INDICATIVE LOCATIONS ONLY. NOT ALL SERVICES ARE SHOWN ON THE DRAWINGS.

DESIGN CRITERIA

- 1. DEAD LOAD IN ACCORDANCE WITH AS1170.1-2002
- 2. WIND SPEED TO AS/NZS 1170.2-2021
- 3. REGION: A2
- 4. TERRAIN CATEGORY: 2 5. IMPORTANCE LEVEL: 1
- 6. MULTIPLIERS:
 - WIND DIRECTION MULTIPLIER, $M_d = 1.0$
 - TERRAIN/HEIGHT MULTIPLIER, M_{z,cat} = 0.91
 - SHIELDING MULTIPLIER, $M_s = 1.0$
 - TOPOGRAPHIC MULTIPLIER, $M_t = 1.0$
- 7. ANNUAL PROBABLITY OF EXCEEDANCE:

•	FOUNDATIONS:	DESIGN LIFE = 40	YEARS, R (ULS) =	= 100, R (SLS) = 25
---	--------------	------------------	------------------	---------------------

8. REGIONAL WIND SPEEDS

- ULTIMATE LIMIT STATE DESIGN, V₁₀₀₀ = 41 m/s
- SERVICEABILITY LIMIT STATE DESIGN, V₂₀ = 37 m/s 9. NET POROSITY FACTOR: $K_p = 1.0$

10. NET PRESSURE COEFFICIENTS IN ACCORDANCE WITH TABLE D2 OF AS/NZS 1170.2-2011



TfNS
THAN
THE E
MAIN
CHAI
AT 80
16. THE
SUFF
CHAI 17. CON
AND
50mm
18. ALL
THE
(WITH
19. MAX

DRAWING COLOUR COD	DED - PRINT ALL CO	PIES I	N COLOU	2				
REFERENCES:	ТНІ	S DRAWI	ng may be pf	REPARED IN COLOUR AI	ND MAY BE INCOMPL	ETE IF COPIED).	
	A	ISSUED FO	DR TENDER			S.M. 16.09.2021	L.A. 16.09.2021	M.E. 16.09.2
	REV	1		DESCRIPTION		DESIGNER INITIAL/DATE	Verified Initial/date	APPROVE Initial/da
	COO	ORDINAT	e system: Gi	DA2020/MGA ZONE 56	GDA2020	HEIGHT DAT	rum: Ahd 7	'1

2

8

CONCRETE

1. ALL CONCRETE IN CAST-IN PLACE PILES SHALL BE EXPOSURE CLASSIFICATION B2.

2. MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 40MPa

3. MINIMUM 28 DAY COMPRESSIVE STRENGTH OF NON-SHRINK GROUT PADS SHALL BE 50MPa UNDER SIGN BASE

PLATES.

4. MINIMUM 28 DAY COMPRESSIVE STRENGTH OF MASS CONCRETE SHALL BE 20MPa.

5. ALL CONCRETE WORK SHALL COMPLY WITH TINSW QA SPECIFICATION B80.

6. MORTARS AND GROUTS SHALL BE IN ACCORDANCE WITH TINSW D&C SPECIFICATION R53.

7. MINIMUM COVER (mm) TO ALL REINFORCEMENT U.N.O. SHOWN ON THE DRAWINGS SHALL BE AS FOLLOWS:

		CONCRETE (COVER (mm)	
ELEMENT		PRECAST*		
	FORMS	BLINDING	GROUND	FRECAST
BORED PILES	N/A	N/A	80	N/A
PILE CAPS / BEAMS ON GROUND /FOOTINGS	45	50	70	N/A

8. THE NOMINATED COVER DOES NOT INCLUDE ADDITIONAL ALLOWANCE FOR THE USE OF CURING COMPOUNDS. 9. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600-2018 AND CONTRACT SPECIFICATION. 10. WHERE THE MEANING OF ABBREVIATIONS USED IS UNCERTAIN, SEE ENGINEER FOR CLARIFICATION PRIOR TO PROCEEDING.

11. ALL CONCRETE SHALL BE CONTINUOUSLY CURED FOR AT LEAST 7 DAYS.

12. CONCRETE SHALL BE FROM AN APPROVED SOURCE AND SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING STANDARDS, U.N.O.:

STANDARD No.	STANDARD NAME
AS 5100.5	BRIDGE DESIGN PART 5 CONCRETE
AS 4671	STEEL REINFORCING MATERIALS
AS 3972	GENERAL PURPOSE AND BLENDED CEMENT
AS 1379	SPECIFICATION AND SUPPLY OF CONCRETE
AS 2758.1	AGGREGATES AND ROCK FOR ENGINEERING PURPOSES

14. U.N.O ALL CEMENT SHALL BE "GP" GENERAL PURPOSE OR "GB" GENERAL PURPOSE BLENDED CEMENT AS SPECIFIED IN W QA SPECIFICATION B80 AND SHALL COMPLY WITH AS 3972. NO PENETRATIONS, RECESSES OR CHASES OTHER N THOSE SHOWN ON THE DRAWINGS SHALL BE MADE IN THE CONCRETE MEMBERS WITHOUT PRIOR APPROVAL OF ENGINEER.

NFORCING BARS SHALL NOT BE USED TO KEEP FORMS APART. A THROUGH TIE STEEL SYSTEM SHALL BE USED TO NTAIN THE POSITION OF THE FORMS. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON APPROVED BAR IRS AT NOT GREATER THAN 800mm CENTRES BOTH WAYS. MESH SHALL BE SUPPORTED ON APPROVED BAR CHAIRS. 00mm MAXIMUM CENTRES.

E COVERS SHALL BE MAINTAINED USING APPROVED BAR CHAIRS. IN SLABS BAR CHAIRS SHALL BE PLACED FICIENTLY CLOSE TOGETHER TO ENSURE THE SPECIFIED COVER AND PREVENT DEFORMATION OF THE BAR IRS.

NDUITS AND PIPES WHEN CAST IN SLABS AND WALLS SHALL BE PLACED AT MIDDLE THIRD THICKNESS OF MEMBERS. BETWEEN TWO REINFORCEMENT LAYERS. WHERE THERE IS ONLY ONE LAYER OF REINFORCEMENT. PROVIDE m COVER TO CONDUIT.

. FORMED EXPOSED EDGES AND RE-ENTRANT CORNERS SHALL BE CHAMFERED OR FILLETED 20 x 20mm U.N.O. ON DRAWINGS. DRIP GROOVES TO BE PROVIDED IN SOFFIT OF ALL BEAMS AND SLABS TO PERIMETER OF STRUCTURES. "H DUE ALLOWANCE FOR MINIMUM COVER TO REINFORCEMENT). XIMUM ALLOWED FREE DROP OF CONCRETE DURING PLACING IS 2000mm.

STEEL REINFORCEMENT

- SHOWN IN TRUE PROJECTION.
- 3. STEEL REINFORCEMENT GRADE SHALL BE AS FOLLOWS :-
- 4. STANDARD ABBREVIATIONS :

••				
	NF -NEAR	FACE,	FF -FAR FA	С

BAR SIZE	N10	N12	N16	N20	N24	N28	N32	N36
HORIZONTAL BARS WITH ≥ 300mm OF CONCRETE CAST BELOW THE BAR	400	500	650	950	-	-	-	-
OTHER BARS	300	350	500	750	-	-	-	-
DEVELOPMENT LENGTH	400	500	650	950	-	-	-	-

- LAPS BASED ON 45mm COVER AND CONCRETE fc = 40MPa.

- APPROVED BY THE ENGINEER
- ZONE.

FOUNDATIONS

- PRIOR TO PLACEMENT OF CONCRETE.

	SCALE: NTS			:]	Transport	and i Trans relate	may not be used for any purpose other t sport for NSW does not provide any war	than the purp ranties and a In the intende	ose inter ccepts n d purpos	o liability arising out of the use of this drawi se. This drawing is protected by copyright a	ng or any of the
6.09.2021 ROVED IL/DATE			WEST	RED FO	for NSW		GHD Pty Ltd GHD AR - LANDSCAPING	DRAWN DESIGNED DRG CHEO DESIGN C APPROVE PROJECT	CK Heck D	DYLAN ASTAWA SARAH MORGAN KATHY RANDELL LEE ALLEN MARK ELVIDGE ALEX HORTON	16.09.2021 16.09.2021 16.09.2021 16.09.2021 16.09.2021 16.09.2021
5		6			7		8			9	





В

1. THE STEEL REINFORCEMENT SHALL COMPLY WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND AS3600 UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT. 2. REINFORCEMENT SHOWN ON THE DRAWINGS IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY

N - HOTROLLED DEFORMED BARS TO AS/NZ4671 (GRADE 500N)

CE, T-TOP

5. MINIMUM MESH REINFORCEMENT LAP SHALL BE 1 SPACE + 25mm

25mm - WHERE THE BAR SIZES AT A LAP VARY, THE LAP LENGTH SHALL BE BASED ON THE SIZE OF THE SMALLER BAR - INCREASE THE LENGTH BY 20% FOR A 3 -BAR BUNDLE AND 33% FOR A 4-BAR BUNDLE.

- DECREASE THE LENGTH BY 25% FOR STAGGERED SPLICE IF NOT MORE THAN 50% OCCUR AT ANY LOCATION. - SPLICES IN THE REINFORCEMENT SHALL BE MADE ONLY AT LOCATION SHOWN ON THE DRAWING OR OTHERWISE

• • •

• • •

6. SECURELY TIE REINFORCEMENT WITH WIRE TIES. TURN ENDS OF TIE WIRES INTO CONCRETE, CLEAR OF COVER

7. SPACING OF REINFORCEMENT SHALL BE TAKEN AS EQUAL U.N.O.

8. DO NOT WELD OR HEAT REINFORCEMENT UNLESS SHOWN ON DRAWINGS OR OTHERWISE APPROVED BY SUPERINTENDENT. WHERE ALLOWED, WELDING OF REINFORCEMENT (INCLUDING TACK-WELDING FOR FIXING PURPOSES) IS TO COMPLY WITH AS5100 AND AS1554.3. DO NOT WELD REINFORCEMENT WITHIN 75mm OF A SECTION THAT HAS BEEN BENT (100mm FOR N28 AND N32 BARS, 125mm FOR N36 BARS). EXTENT OF WELD INSPECTION/TESTING TO BE IN ACCORDANCE WITH TINSW QA SPECIFICATION B203.

1. DESIGN ULTIMATE BEARING PRESSURE IS 250kPa. ALLOWABLE BEARING CAPACITY SHALL BE OBTAINED BY APPLYING A GEOTECHNICAL REDUCTION FACTOR OF 0.4.

2. THE BEARING CAPACITY AT FOUNDING LEVEL SHALL BE VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER

3. ASSUMED FOUNDING CONDITION TO BE MEDIUM DENSE OR BETTER FOR GRANULAR SOILS OR STIFF OR BETTER FOR COHESIVE SOILS (Su>50kPa). ANY INADEQUATE MATERIAL MUST BE REMOVED AND REPLACED WITH SELECT FILL IN ACCORDANCE WITH THNSW QA SPECIFICATION B30. 4. GROUND WATER IS ASSUMED TO BE BELOW BASE OF CONCRETE FOOTING.

REV VER

 $\widehat{\mathbf{C}}$

AMD No.

16/2

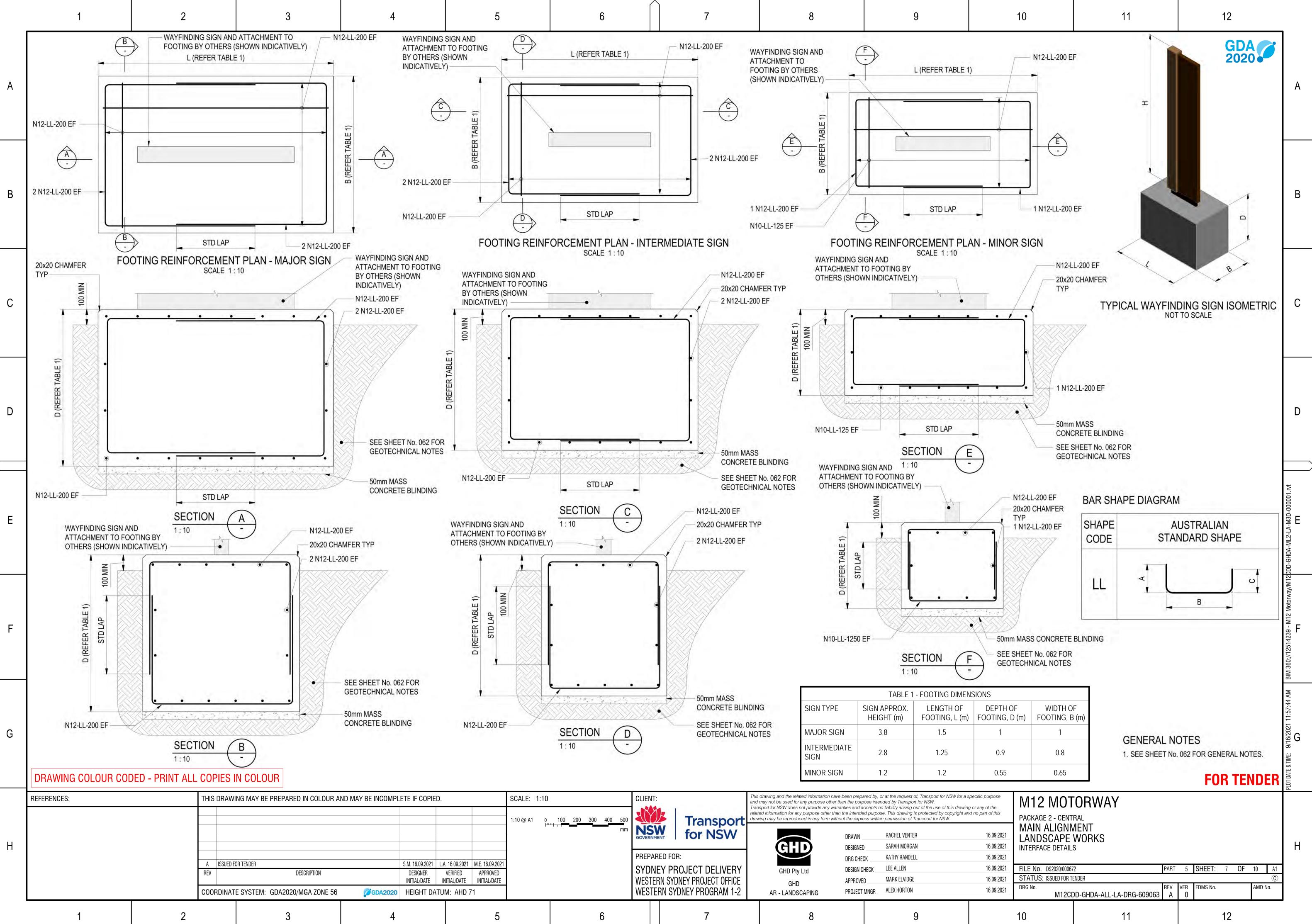
M3D E

DRG No.

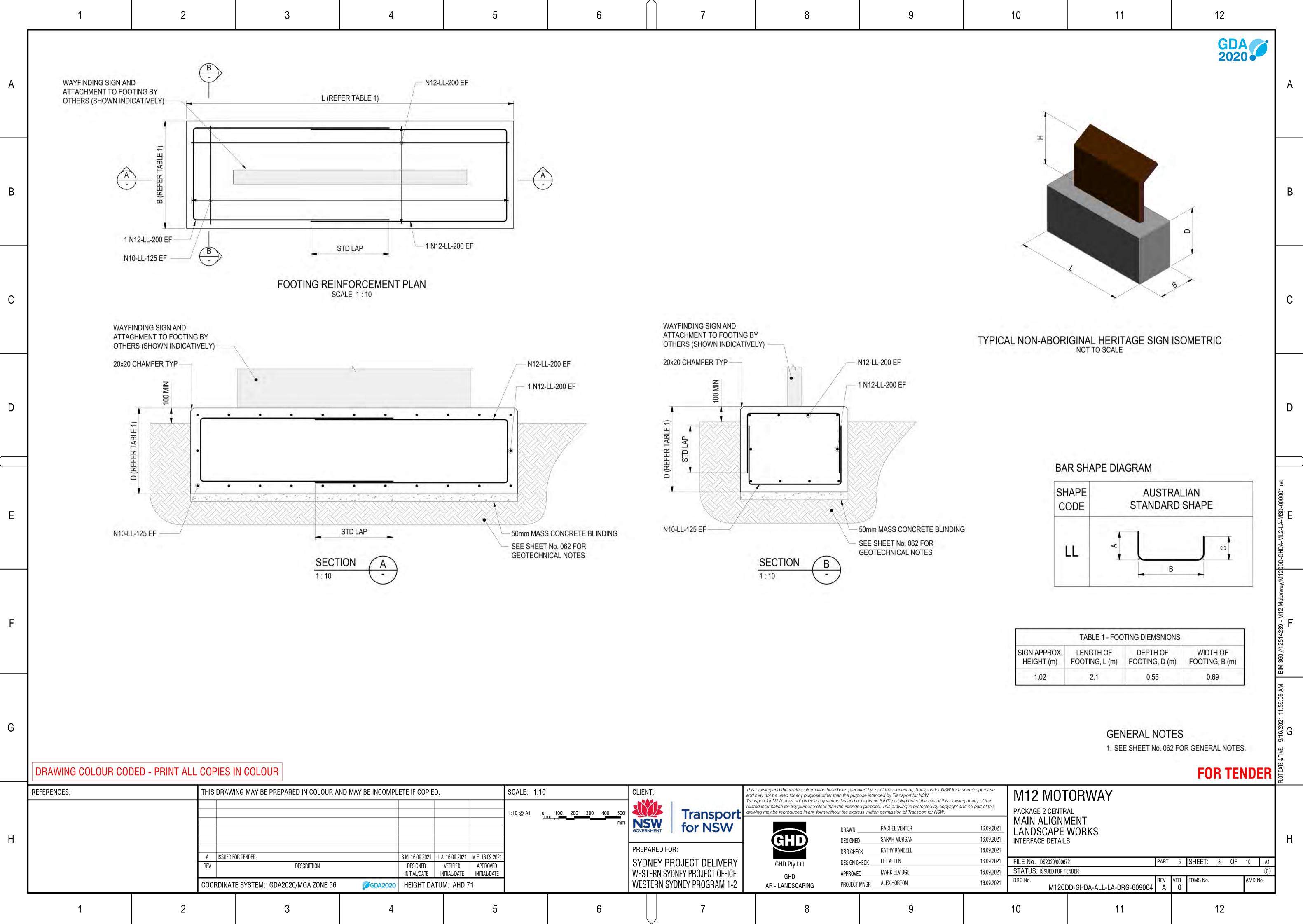
STATUS: ISSUED FOR TENDER

M12CDD-GHDA-ALL-LA-DRG-609062

EDMS No.

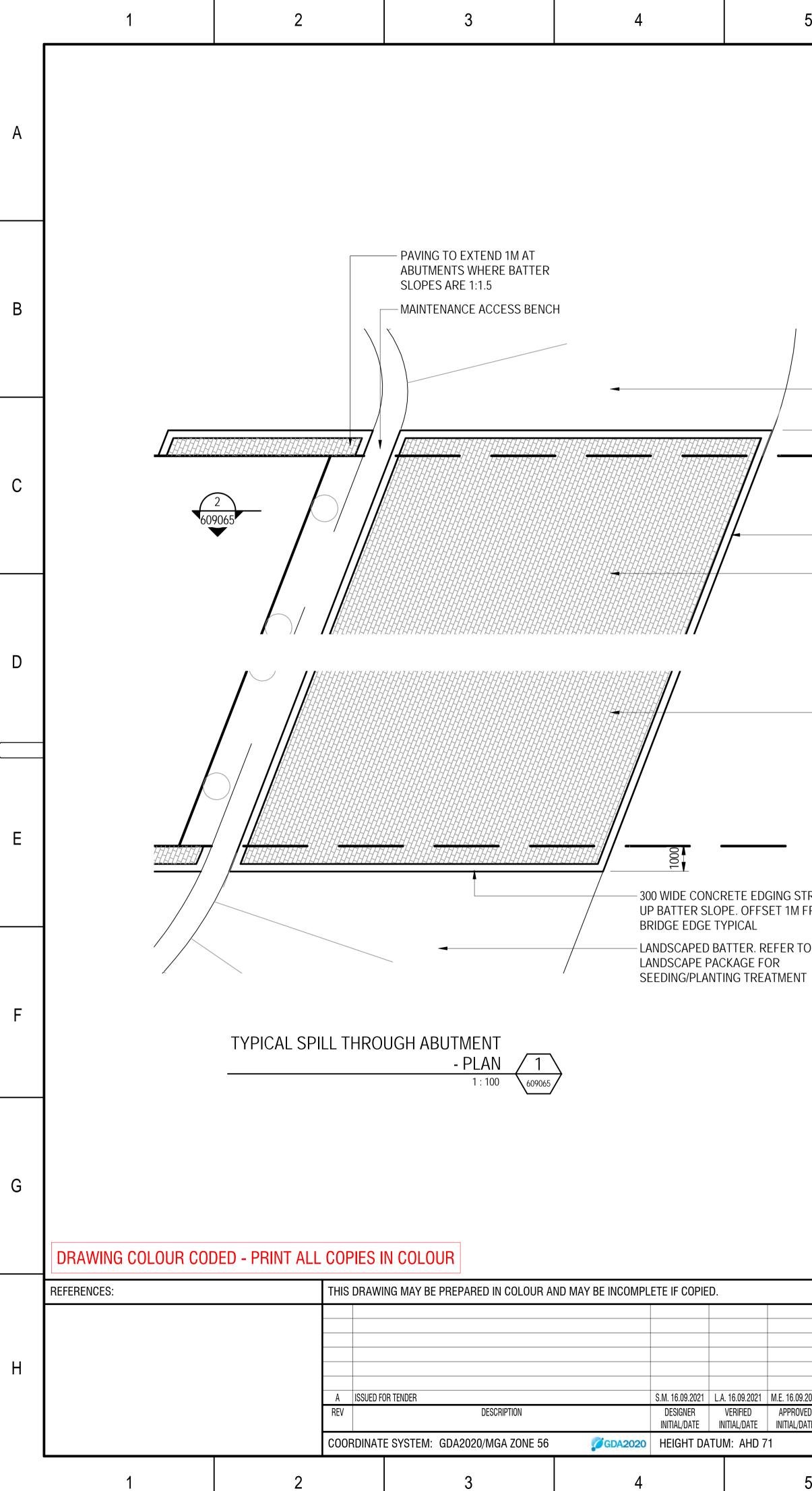


інтент ўш			for NSW	GHD	DRAWN DESIGNED	RACHEL VENTER SARAH MORGAN	16
6.09.2021 PROVED AL/DATE	SY WE	ESTERN SYDN	DJECT DELIVERY NEY PROJECT OFFICE NEY PROGRAM 1-2	GHD Pty Ltd GHD AR - LANDSCAPING	DRG CHECK Design Check Approved Project MNG	MARK ELVIDGE	16 16 16 16
5	6		7	8		9	



	SCALE: 1:10					CLIENT:			and r	drawing and the related information I nay not be used for any purpose oth	er than the purp	ose inter	nded by Transport for NSW.		
	1:10 @ A1 0 屮	100 20	0 300	400	500			Transport	relate	port for NSW does not provide any v d information for any purpose other ing may be reproduced in any form v	than the intende	d purpos	se. This drawing is protected by	copyright and	
					mm	GOVERNME	INT	for NSW			DRAWN _		RACHEL VENTER		16.0
										CEID	DESIGNED		SARAH MORGAN		16.0
00000						PREPAR	ED FOR:				DRG CHE	CK	KATHY RANDELL		16.0
6.09.2021 ROVED						SYDNE	EY PRO	DJECT DELIVERY		GHD Pty Ltd	DESIGN C	HECK	LEE ALLEN		16.0
AL/DATE								IEY PROJECT OFFICE		GHD	APPROVE)	MARK ELVIDGE		16.0
								NEY PROGRAM 1-2		AR - LANDSCAPING	PROJECT	MNGR	ALEX HORTON		16.0
5				6				7		8			9		
J				v			J	•		Ŭ			0		

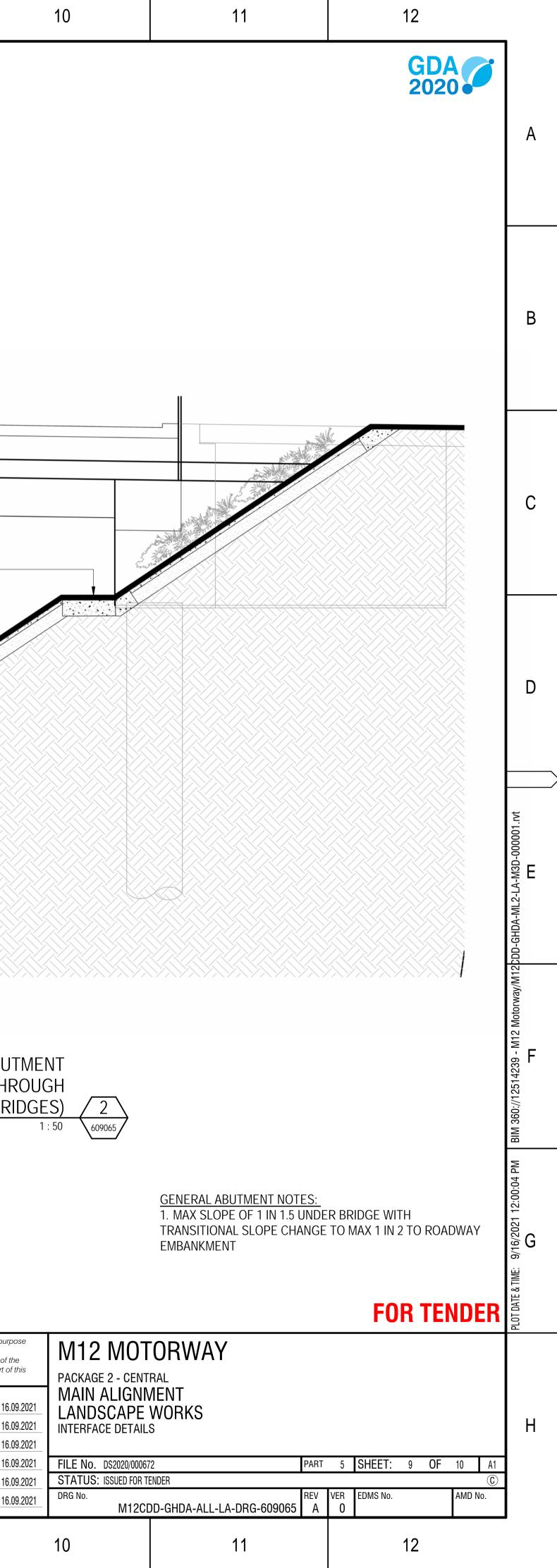
5 6 7 8 9



LANDSCAPED BATTER	
BRIDGE EXTENT ABOVE	
_	
300 WIDE CONCRETE EDGING STRIP	BRIDGE SUPER STRUCTURE
TO FOLLOW TOE OF BATTER AUSTRAL MASONRY BROADWAY 150 CHARCOAL PAVER. LAY PAVERS IN STRETCHER BOND PATTERN ALIGNED PARALLEL TO ABUTMENT WALL	MAINTENANCE BENCH AUSTRAL MASONRY BROADWAY 150 CHARCOAL SUB GRADE TREATMENTS TO ENGINEERS DETAILS.
300 WIDE CONCRETE EDGING STRIP TO FOLLOW TOE OF BATTER	1.5 MAX 1
BRIDGE EXTENT ABOVE	300 million and a second secon

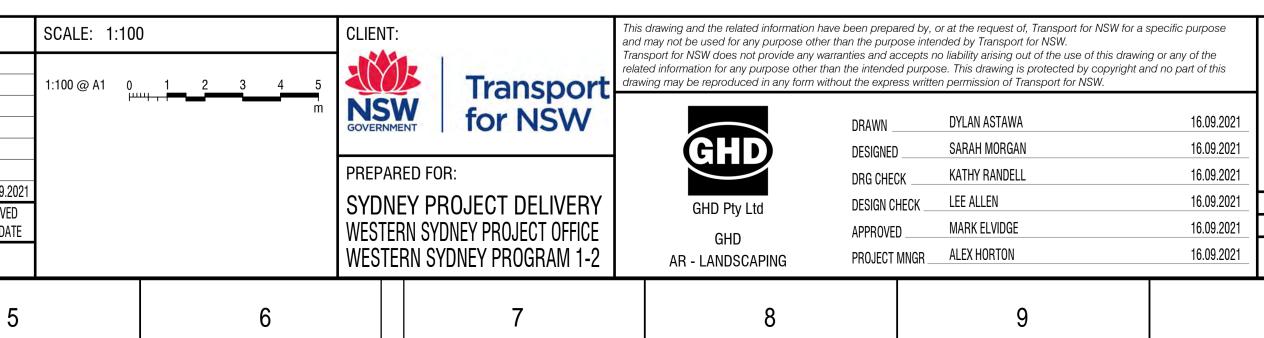
TYPICAL SPILL THROUGH ABUTMENT - PAVING OVER SPILL THROUGH (OVER BRIDGES)

	SCALE: AS	SCALE: AS INDICATED									ar Tr re	This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific purport and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the related information for any purpose other than the intended purpose. This drawing is protected by copyright and no part of the drawing may be reproduced in any form without the express written permission of Transport for NSW.					
	1:100 @ A1		2	3	4	5	ROVERNM	W		Transport for NSW			DRAWN		DYLAN ASTAWA SARAH MORGAN		16.09
09.2021 OVED _/DATE						m	WESTE	IEY P Ern sy	PROJE Ydney f	CT DELIVE PROJECT OFFI PROGRAM	CE	GHD Pty Ltd GHD AR - LANDSCAPIN	DRG CHE DESIGN (APPROVI	ECK Check Ed	KATHY RANDELL LEE ALLEN MARK ELVIDGE ALEX HORTON		16.09 16.09 16.09 16.09 16.09
5					6					7		8			9		



	1	2	3	4			Ļ
A							
В							
С							
D			ROCKS FOR RIPRAP PROTE	CTION SHALL BE P	Laced in a —		
E							
F							
G	DRAWING COLOUR COE)ed - Print All Copies I	N COLOUR				
Η	REFERENCES:	THIS DRAW	ING MAY BE PREPARED IN COLOUR A OR TENDER DESCRIPTION E SYSTEM: GDA2020/MGA ZONE 56	ND MAY BE INCOMPL	S.M. 16.09.2021 L.A DESIGNER	. 16.09.2021 VERIFIED IITIAL/DATE M: AHD 71	approve Initial/da
	1	2	3	4			ļ

5	6	7	8	9	
	REFERE				
	TYPICAL SPILL THR				
	- RIPRAP OVEI	(CREEK BRIDG	\rightarrow		



1 : 100



А

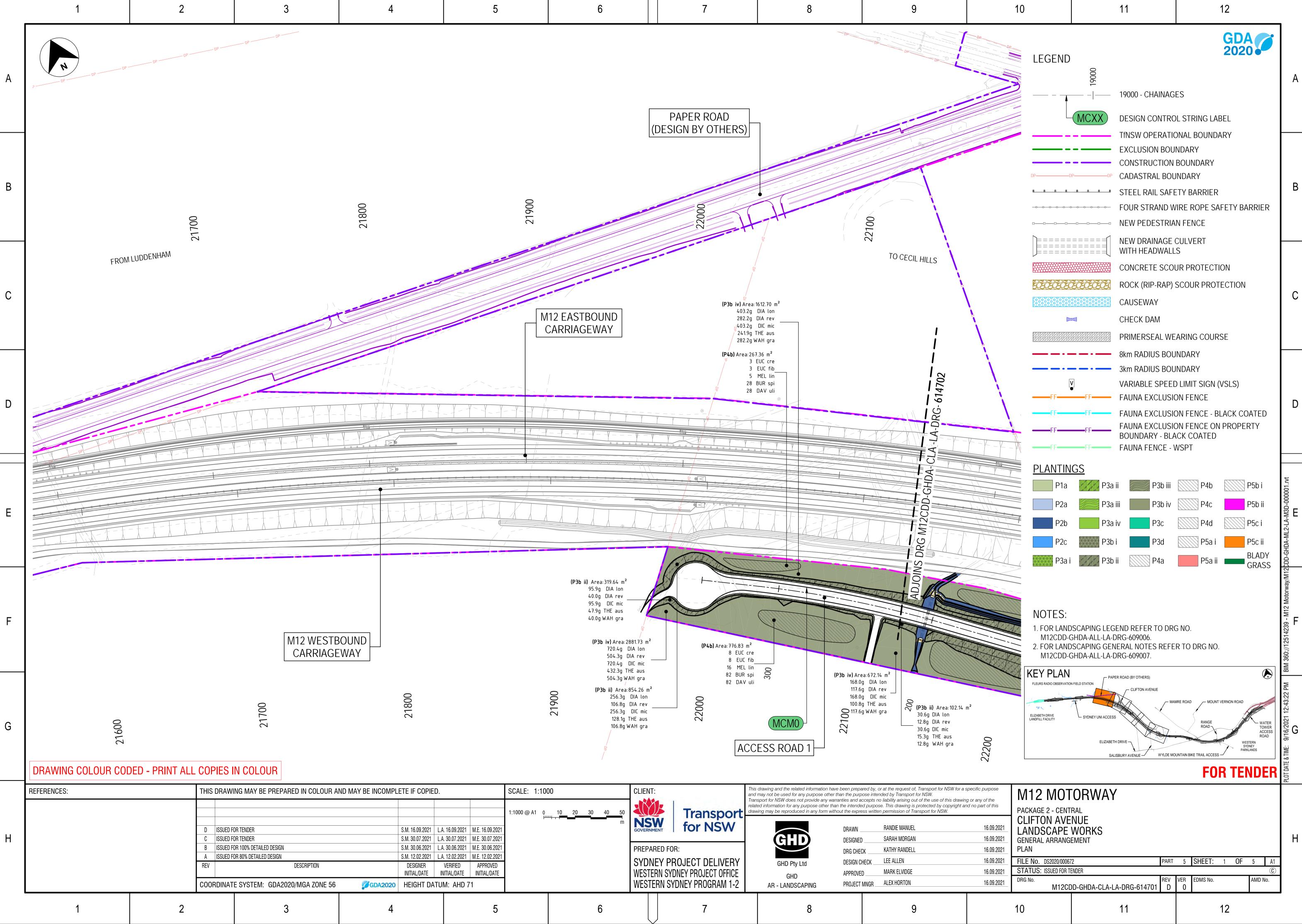
В

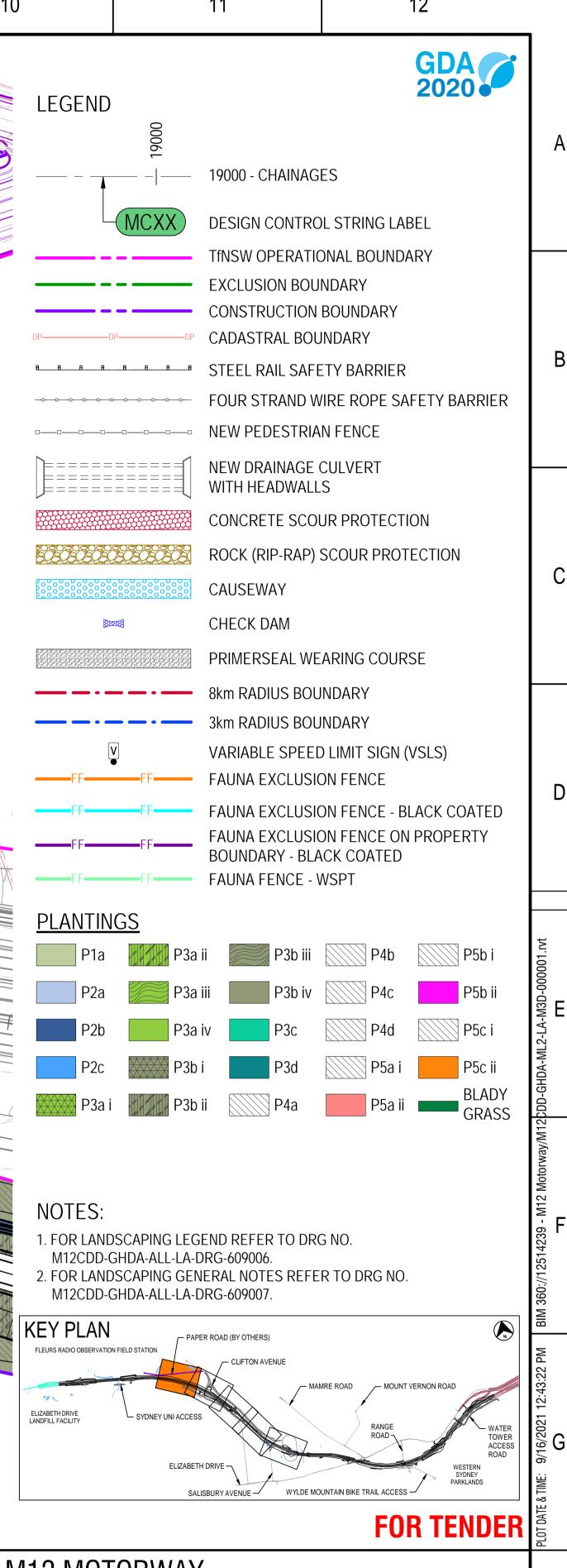
С D СDD-GHDA-ML2-LA-M3D-000001 ГТ 12514239 - M12 Motorway/M12 **---**9/16/2021 **D** Η

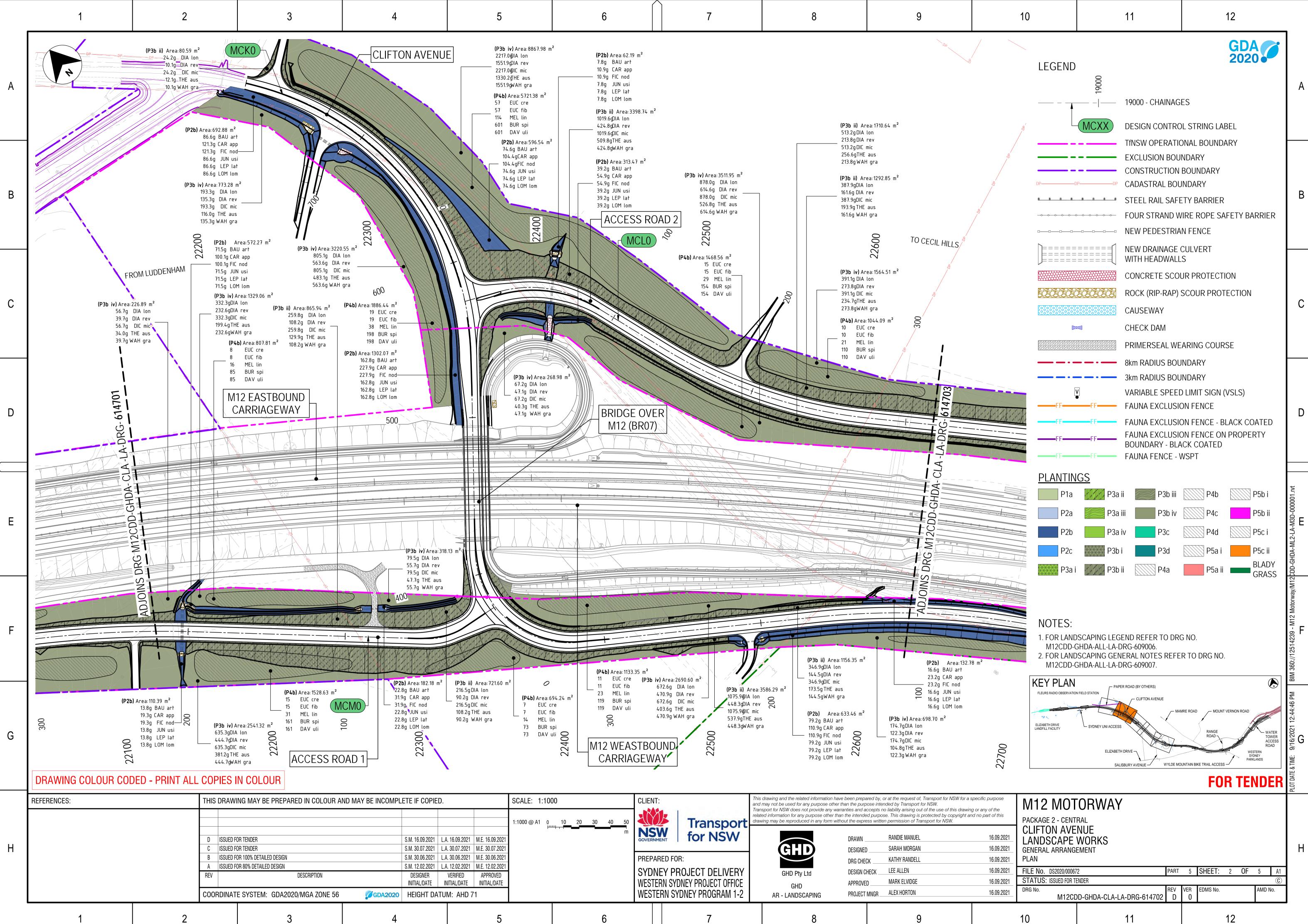
<u>GENERAL ABUTMENT NOTES:</u> 1. MAX SLOPE OF 1 IN 1.5 UNDER BRIDGE WITH TRANSITIONAL SLOPE CHANGE TO MAX 1 IN 2 TO ROADWAY EMBANKMENT

FOR TENDER

uipose													
of the t of this	CENT	RAL											
16.09.2021	MAIN ALIGNMENT LANDSCAPE WORKS												
16.09.2021	INTERFACE DETAILS												
16.09.2021													
16.09.2021	FILE No. DS2020/00067	2	PART	5	SHEET:	10	OF	10	A1				
16.09.2021	STATUS: ISSUED FOR TE	ENDER							\bigcirc				
16.09.2021	DRG No. REV VER EDMS No. AMD N M12CDD-GHDA-ALL-LA-DRG-609066 0												
	10	11				12							

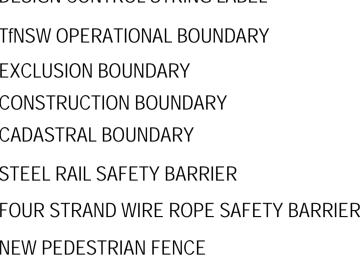




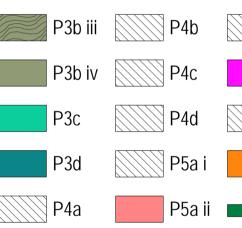


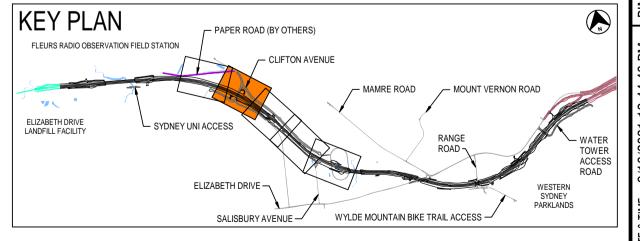
5	6	7	8	9

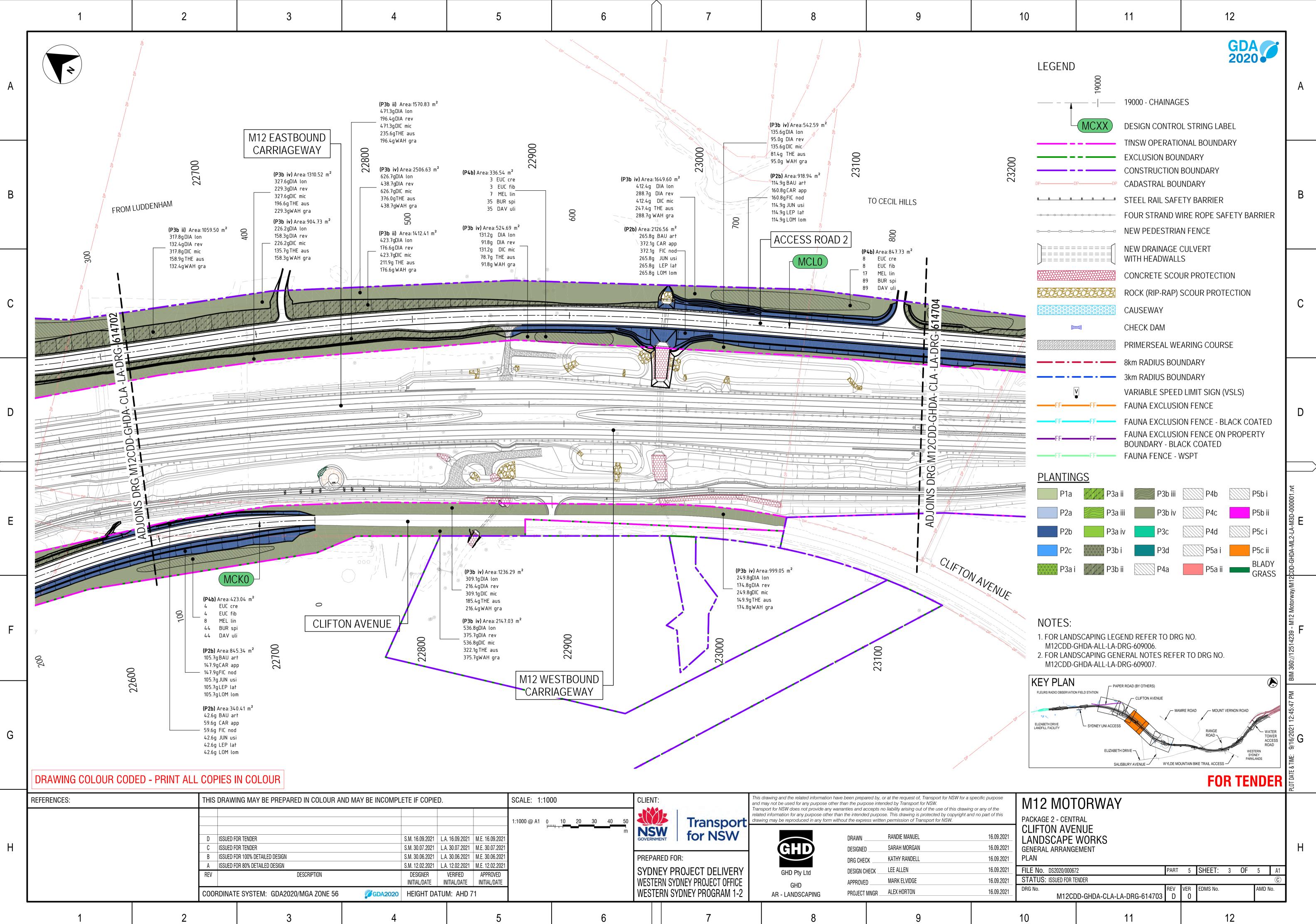
10			11	
	LEGEND			
		19000		
			19000 - CHAINAG	ES
		MCXX	DESIGN CONTRO	L ST



P1a	P3a ii
P2a	P3a iii
P2b	P3a iv
P2c	P3b i
P3a i	P3b ii

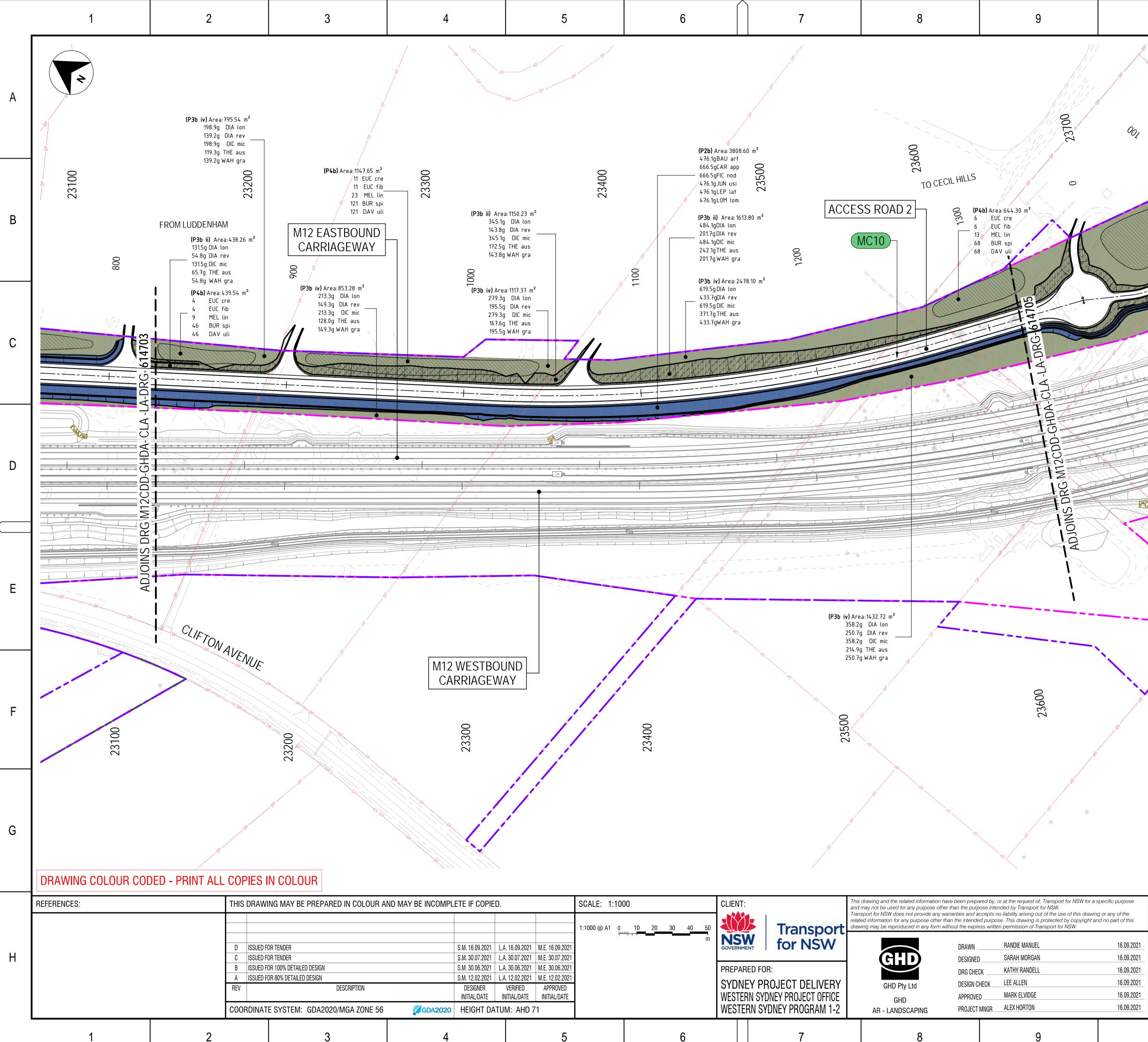












	SCALE: 1:100	0					CLIENT			This	drawing and the related information ha	ve been prepa	ared by, c	or at the request of, Transport for NSV	V for a s	pecific purpose
	1:1000 @ A1 0							1	Transport	and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the related information for any purpose other than the intended purpose. This drawing is protected by copyright and no part of this drawing may be reproduced in any form without the express written permission of Transport for NSW.						g or any of the
.09.2021 .07.2021 .06.2021 .02.2021 ROVED L/DATE	Щ					m	WESTE	red fo IEY PI IRN SY	for NSW		GHD Pty Ltd GHD AR - LANDSCAPING	DRAWN Designed DRG Cheo Design Ci Approvei Project	CK Heck D	RANDIE MANUEL SARAH MORGAN KATHY RANDELL LEE ALLEN MARK ELVIDGE ALEX HORTON		16.09.2021 16.09.2021 16.09.2021 16.09.2021 16.09.2021 16.09.2021
5					6				7		8			9		

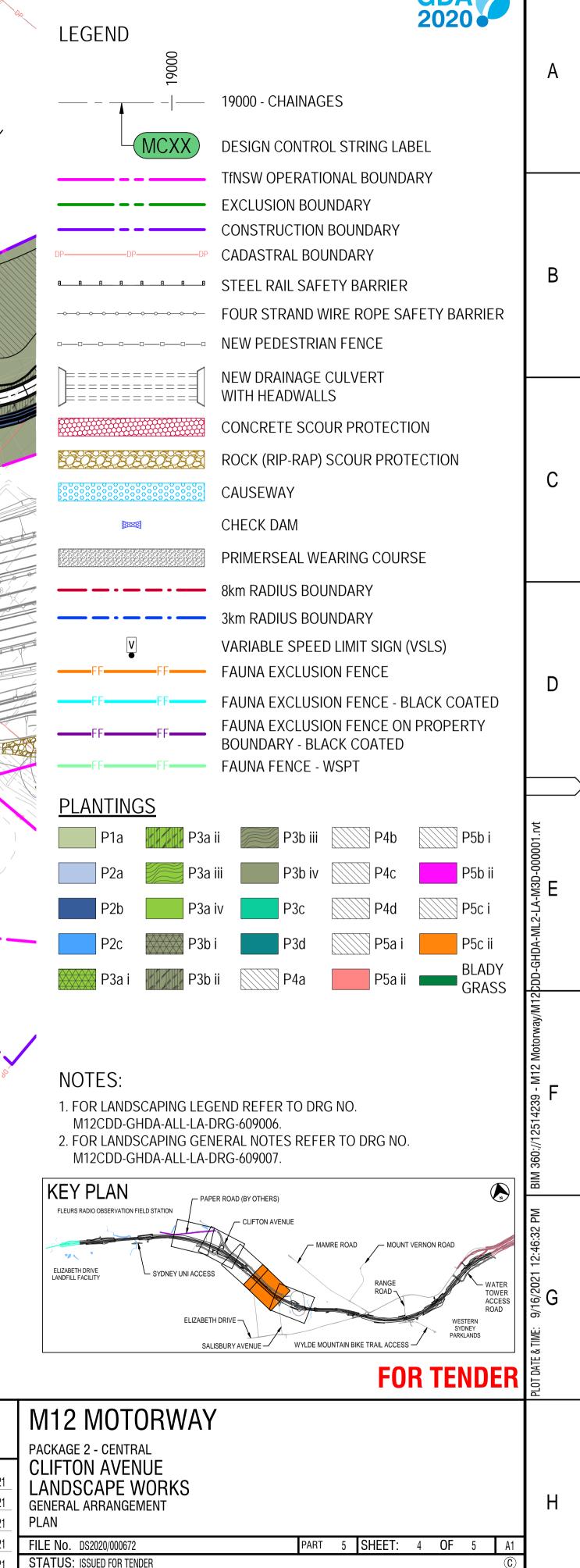




11







REV VER

M12CDD-GHDA-CLA-LA-DRG-614704 D

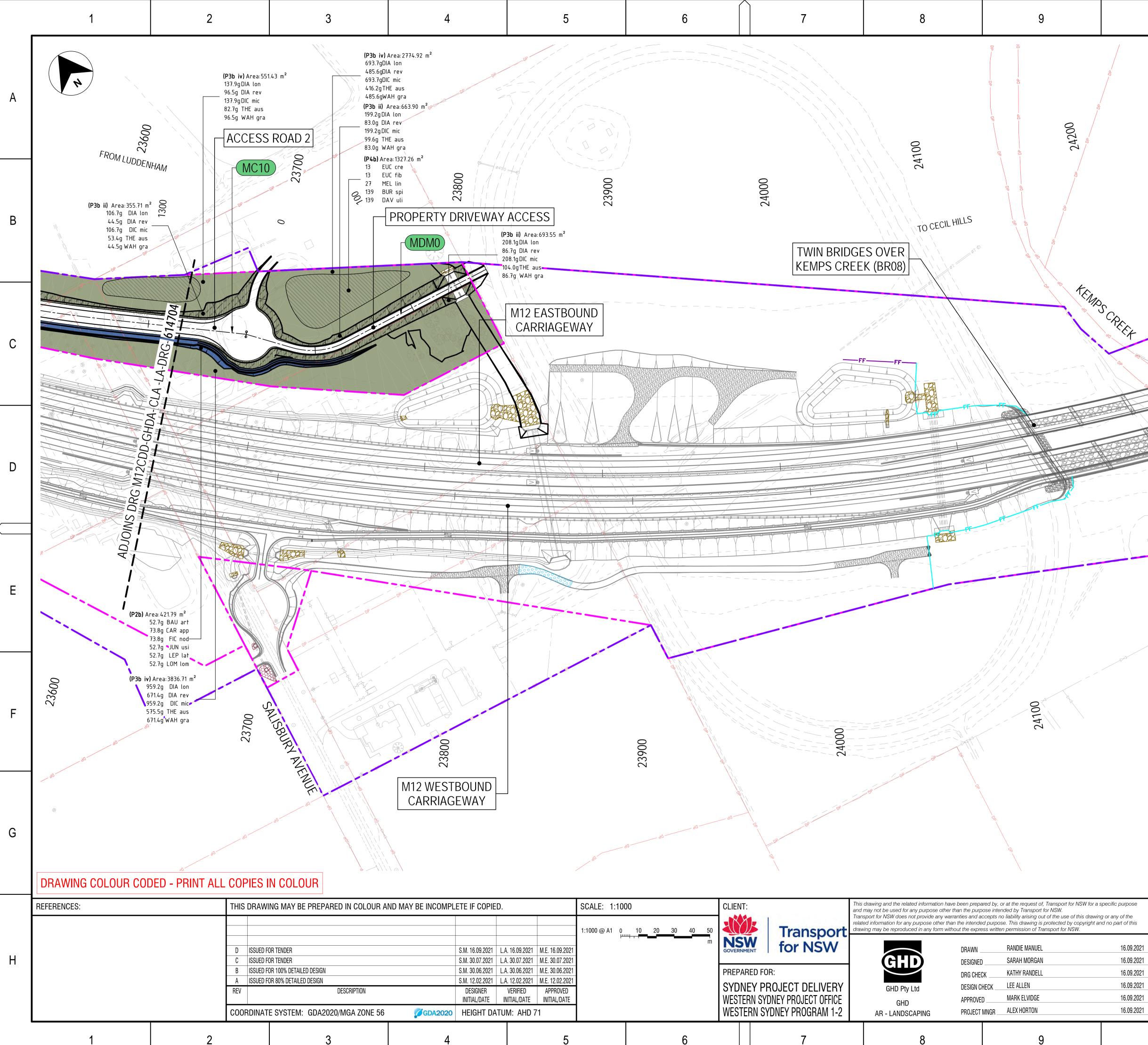
11

EDMS No.

12

AMD No.

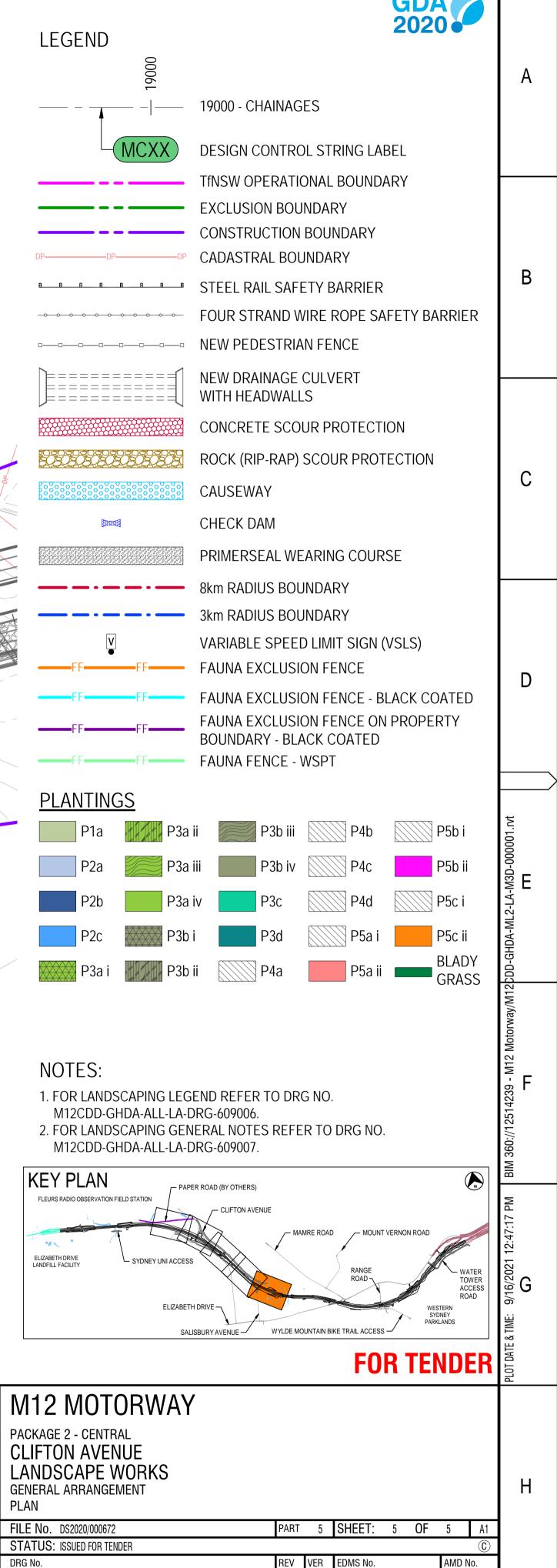
DRG No.



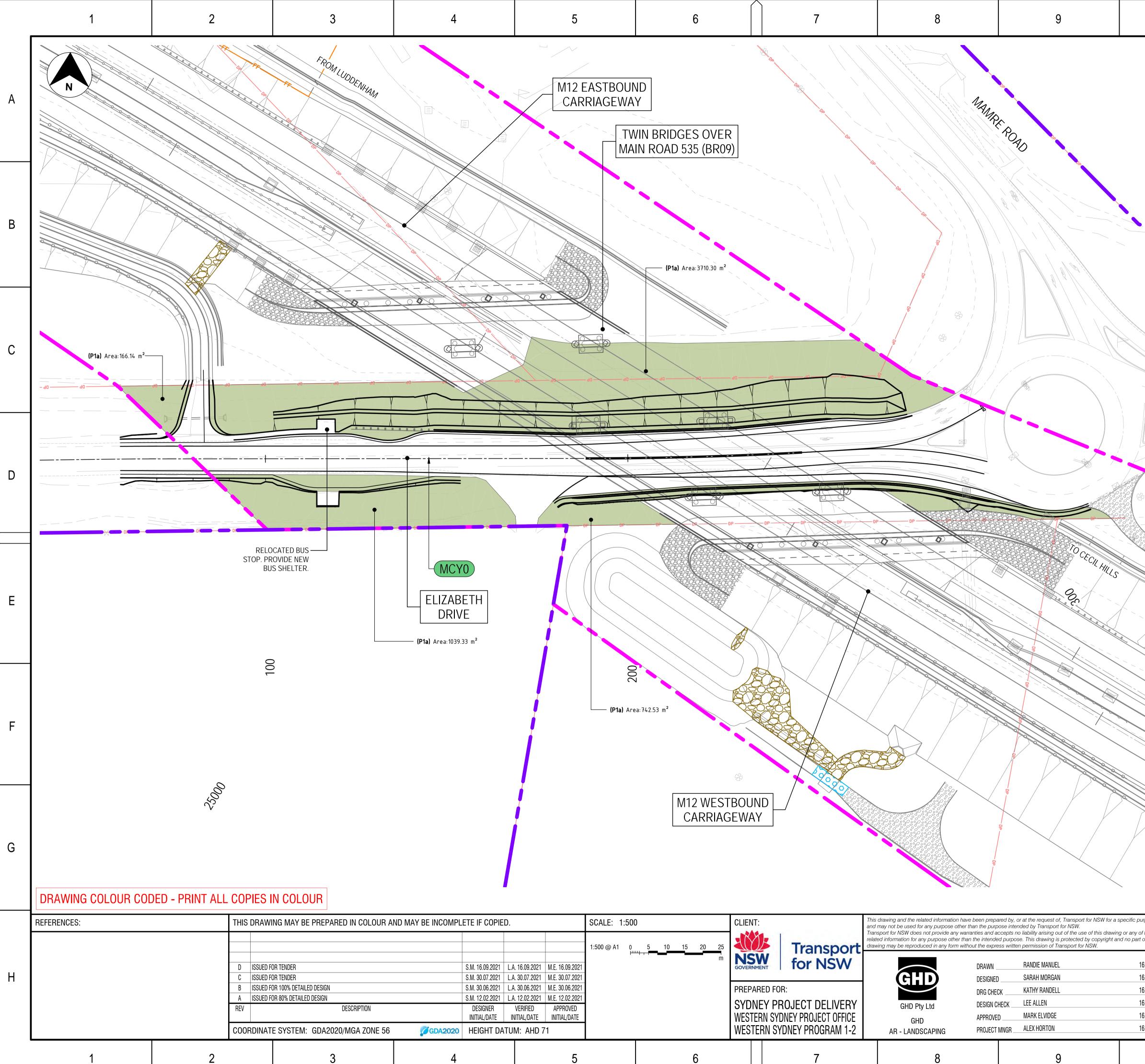
							_			<u>.</u>						
	SCALE: 1:100	00					CLIEN	Γ:		This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific purpose and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the						
	1:1000 @ A1 0	10	20	30	40	50	ZIY	J	Transport	relate	ed information for any purpose other the ing may be reproduced in any form wit	an the intende	d purpos	e. This drawing is protected by	copyright an	
.09.2021	щ	╨┼╶╷┍╼╼┓	_			m	NS	MENT	for NSW			DRAWN _ Designed		RANDIE MANUEL Sarah Morgan		16.09.2021
.06.2021							PREPA	RED FO	IR:	1	GIID	DESIGNEL		KATHY RANDELL		16.09.2021
.02.2021 ROVED							SYD	NEY PI	ROJECT DELIVERY		GHD Pty Ltd	DESIGN C	HECK	LEE ALLEN		16.09.2021
L/DATE							WEST	ERN SY	DNEY PROJECT OFFICE		GHD	APPROVE	D	MARK ELVIDGE		16.09.2021
							WEST	ERN S	/DNEY PROGRAM 1-2		AR - LANDSCAPING	PROJECT	MNGR	ALEX HORTON		16.09.2021
					_				_							
5				(6				7		8			9		







M12CDD-GHDA-CLA-LA-DRG-614705 D



	-														
	SCALE: 1:500	5 10	15 20	25					This drawing and the related information have been prepared by, or at the request of, Transport for NSW for a specific purpose and may not be used for any purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liability arising out of the use of this drawing or any of the related information for any purpose other than the intended purpose. This drawing is protected by copyright and no part of this drawing may be reproduced in any form without the express written permission of Transport for NSW.						
09.2021 07.2021 06.2021 02.2021 02.2021 0VED _/DATE	, то ти			m	PREPARED FOR: SYDNEY PROJECT DELIVERY WESTERN SYDNEY PROJECT OFFICE WESTERN SYDNEY PROGRAM 1-2				GHD Pty Ltd GHD AR - LANDSCAPING	DRAWN DESIGNED DRG CHEC DESIGN CH APPROVED PROJECT	CK HECK D	RANDIE MANUEL SARAH MORGAN KATHY RANDELL LEE ALLEN MARK ELVIDGE ALEX HORTON	16.09.2021 16.09.2021 16.09.2021 16.09.2021 16.09.2021 16.09.2021		
5			6				7		8			9			



