

LOCATION PLAN

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REFERENCES:		THIS [DRAWING MAY BE PREPARED IN COLOU	R AND MAY BE INCOMPLETE	IF COPIED.		SCALE: 1:1		CLIENT:		This drawing and the related information have been prepare purpose other than the purpose intended by Transport for N	ed by, or at the requ∉ √SW.	st of, Transport for NSW for a specific purpose	and may not be used for any
TAP3150505-SMEC-MVL-CO-M3D-0	000001									Transport	Transport for NSW does not provide any warranties and acc purpose other than the intended purpose. This drawing is p written permission of Transport for NSW.	epts no liability arisii rotected by copyrigh	ng out of the use of this drawing or any of the re t and no part of this drawing may be reproduced	əlated information for any d in any form without the expre
		D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24				for NSW		DRAWN		G 10.1
		C B	SSUED FOR S60 SUBMISSION ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/10.11.23 CS/06.10.23	BM/10.11.23 BM/06.10.23	ME/10.11.23 ME/06.10.23			PREPAR	ED FOR:	DEGNAN Member of the Surbana Jurong Group	DESIGNE	D <u>CON SERBAN</u>	<u> </u>
		A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23			RAIL DE	LIVERY		DESIGN	CHECK _BARRY MARTI	IN Am 10.1
		REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE			INFRAS		JHA	PROJ/DE	S MNGR <u>CON SERBAN</u>	<u></u> <u>10</u> .1
		COOF	DINATE SYSTEM: GDA20 MGA Zone 56	GDA2020 HEIGHT DA	ATUM: A.H.E)	DESIGN LOT	CODE:	INFRAS	IRUCTURE AND PLACE	COMMUNICATION	APPROV	<u>=D MARC ESTIMA</u>	<u>, DA Mu 10.1</u>
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MOSS VALE STATION UPGRADE MOSS VALE MAIN SOUTH LINE 145.600km TO 145.860km COVER SHEET AND DRAWING LIST COMMUNICATIONS

	COMM	UNICATION DRAWING LI
EDMS No	Sheet Number	Sheet N
	TAP3150505-SMEC-MVL-KS-DRG-101800	COVER SHEET AND DRAWING LIST
	TAP3150505-SMEC-MVL-KS-DRG-101801	LEGEND OF SYMBOLS AND NOTES
	TAP3150505-SMEC-MVL-KS-DRG-101810	SITE PLAN RETICULATION SHEET 1
	TAP3150505-SMEC-MVL-KS-DRG-101811	SITE PLAN RETICULATION SHEET 2
	TAP3150505-SMEC-MVL-KS-DRG-101812	SITE PLAN RETICULATION SHEET 3
	TAP3150505-SMEC-MVL-KS-DRG-101813	SITE PLAN RETICULATION SHEET 4
	TAP3150505-SMEC-MVL-KS-DRG-101820	PLATFORM COMMUNICATION LAYOUT SHEET 1
	TAP3150505-SMEC-MVL-KS-DRG-101821	ARGYLE BRIDGE LEVEL LAYOUT
	TAP3150505-SMEC-MVL-KS-DRG-101822	FOOTBRIDGE COMMUNICATION LAYOUT
	TAP3150505-SMEC-MVL-KS-DRG-101824	COMMUNICATION TICKETING SYSTEM LAYOUT
	TAP3150505-SMEC-MVL-KS-DRG-101830	PUBLIC ADDRESS LAYOUT
	TAP3150505-SMEC-MVL-KS-DRG-101831	AFILS SYSTEM LAYOUT
	TAP3150505-SMEC-MVL-KS-DRG-101840	COMMUNICATION SYSTEM DIAGRAM AND DETAILS
	TAP3150505-SMEC-MVL-KS-DRG-101841	PUBLIC ADDRESS/AFILS SYSTEM SCHEMATICS
	TAP3150505-SMEC-MVL-KS-DRG-101842	ELECTRONIC TICKETING SYSTEM

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	1	2	3	4	5
A					
В			GEN	ERAL RJ45 DATA OUTLET (CATEGORY TO SUIT CABLING) 1 - DENOTE No OF OUTLETS ON FACE PLATE	
С				 NEW COMMUNICATION SERVICES CABLING WITHIN CONTAIN AERIAL NBN SERVICE TO BE REINSTATED USING EXISTING F EXISTING AERIAL NBN SERVICE TO BE RE-ROUTED USING EXISTING AERIAL NBN SERVICE TO BE RE-ROUTED USING EXISTING COMMS CONTAINMENT, REFER TO SCOPE ON THE CHANGES/UPGRADE WORKS APPLICABLE TELEPHONE NBN FIBRE LEAD IN SERVICE CONTAINMENT ELECTRICAL DISTRIBUTION BOARD (BY ELECTRICAL CONTRACTOR) 	IMENT IV POWER DISTRIBUTION POLE XISTING HV POWER DISTRIBUTION POLE, E DRAWINGS FOR ANY
D			MDF C C PT T T FOB	NEW MAIN DISTRIBUTION FRAME COMMUNICATION PIT WITH LOCKABLE, NON-SLIP LID FLUSH GROUND LEVEL. CLASS C LID U.N.O REFER TO CSR DRAWINGS FOR DETAILS EXISTING COMMUNICATION PIT TO BE RETAINED EXISTING PUBLIC PHONE/ TAXI PHONE NEW TELSTRA PIT EXISTING FIBRE OPTIC BREAK OUT TRAY	WITH
E			FOB AFC IDF IDF	NEW FIBRE OPTIC BREAK OUT TRAY EXISTING AFC ENCLOSURE EXISTING TELEPHONE FRAME NEW TELEPHONE FRAME NEW COMMUNICATIONS SERVICES RACK EXISTING COMMUNICATIONS SERVICES RACK	
F			S CET FIRE	SMOKE DETECTOR CONNECTED TO SECURITY SYSTEM OR LIFT PANEL AS NOMINATED NEW COMMUNICATION EARTHING TERMINAL SERVICES NEW PORTABLE FIRE EXTINGUISHER CO2 TYPE COMPLETE WITH MOUNTING BRACKET AND SIGNAGE TO AS	52444
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			D	RE-ISSU	ED FOR S60 SUBMISSION		CS/19.01.24	BM/19.01.24	ME/19.01
1			С	ISSUED	FOR S60 SUBMISSION		CS/10.11.23	BM/10.11.23	ME/10.11
			В	ISSUED	FOR PRELIMINARY DESIGN REVIEW		CS/06.10.23	BM/06.10.23	ME/06.10
			А	ISSUED	FOR SYSTEM DEFINITION REVIEW		CS/04.08.23	BM/04.08.23	ME/04.08
			REV		DESCRIPTION		DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROV INITIAL/D
			COOR	RDINA ⁻	TE SYSTEM: GDA20 MGA Zone 56	Ø GDA2020	HEIGHT DAT	UM: A.H.D	
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<u>GENERAL</u>

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COMPLIA

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						A
<u>GEI</u> 1. 2.	NERAL CONTRACTOR SHALL CONDUCT DETAILED SITE IN CABLE ROUTES THAT ARE AFFECTED BY THE PRO AND QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL PROVIDE A DETAILED CONS APPROVAL PRIOR TO CONSTRUCTION WORKS.	NSPECTION TO CONFIRM OJECT PRIOR TO COMME STRUCTION PROGRAM TO	LOCATION OF PITS, CABLING, BUI NCEMENT OF SITE WORKS. ALL D TFNSW AND SYDNEY TRAINS FO	LDING, JISTANCES R		
3. 4. 5.	CONTRACTOR SHALL CONTACT "DIAL BEFORE YO REMAINS THE CONTRACTOR'S RESPONSIBILITY T SERVICES PRIOR TO EXCAVATION WORKS BEING CONTRACTOR SHALL PROVIDE WORKSHOP DRAW COMMENCEMENT OF INSTALLATION WORKS. THE CONTRACTOR SHALL ENSURE THAT ALL AUD STANDARDS, INCLUDING T MU TE 61005 ST - CUST	DIG PRIOR TO COMME O CONDUCT APPROPRIA EXECUTED ONSITE. VINGS AND INSTALLATION DIO INSTALLATIONS/RELO TOMER INFORMATION SY	NCEMENT OF STIE EXCAVATION. TE DBYD ACTIVITIES FOR ALL UTI N DETAILS FOR APPROVAL PRIOR CATIONS CONFORM TO THE AMB STEMS FOR PUBLIC TRANSPORT	TO THE		
6. 7.	BUILDINGS AND CONVEYANCES AND FSYD2014/14 OPERATION TECHNOLOGY MAJOR WORKS SHALL TECHNOLOGY ASSETS AND SERVICES (INCLUDIN TECHNOLOGY CONTACT - JAMES PILMER (PROJEC ENSURE ALL OPS TECH CABLES ON PLATFORMS DAMAGED DURING WORKS.	4276 - DIGITAL PA SYSTEI BE ENGAGED FOR THE II G COMMS, CCTV & PASSE CT DELIVERY MANAGER). ARE IDENTIFIED AND LOC	M DESIGN & INSTALLATION GUIDE NSTALLATION OR RELOCATION O ENGER INFORMATION). OPERATIC CATED TO ENSURE THEY ARE NOT	EINE V3.0. F IN T		В
0.	CONJUNCTION WITH THE UPGRADE. PROVISION T CONTAINMENT AND CABLING TO ENABLE UPGRAT SERVICE. SERVICES INCLUDE, BUT ARE NOT NEC ICT - FO AND/OR NBN, SWITCH, ROUTER, IAS - KEYPAD, DURESS ALARM, PIR, REE EAC - CARD READER, ELECTRIC STRIKE, I OPS TECH - FO, Cu, IDF, PHONES, CUSTOMER A COMMS - CCTV, HP, PA, AFIL, RDVA, PAGING	O BE MADE FOR THE SUI DE, ALONG WITH ANY OTH ESSARILY LIMITED TO: KRONOS, PC, PRINTER, 1 D SWITCH, CONTROL PAI REED SWITCH, PIR, DSX (SSISTANCE PANEL (AS A PANEL, IP CLOCKS, TICKE	PPLY & INSTALLATION OF ALL HER WORKS SPECIFIC TO THE PA WAP, DATA OUTLETS (AS APPLICA NEL (AS APPLICABLE) CABINET PPLICABLE) ETING (AS APPLICABLE)	RTICULAR ABLE)		
<u>COI</u> ALL	TELSTRA PAY PHONE MPLIANCE NOTES WORKS SHALL COMPLY WITH:		х <i>, , , , , , , , , , , , , , , , , , ,</i>			С
1.	AUSTRALIAN STANDARDS AND REGULATIONS AS 1428 2: 1992(2015) CLAUSES 21.1 AND 2' AS/CA S009:2013 - WIRING RULES ASA ESB 004 STATION SERVICES AND SYS' AS/NZS 3000:2018 AS 1735.2 NSW INDUSTRIAL NOISE POLICY NCC 2019 VOLUME 1 - CLAUSE H2.13 AMB STANDARDS:	1.2.(A) TEMS AMB STANDARD				
Ζ.	 FSYD 2014/14276 DIGITAL PUBLIC ADDRESS T MU TE 61005 ST - CUSTOMER INFORMATION SPM 0577 - SINGLE MODE OPTICAL FIBRE C T HR TE 01001 ST COMMUNICATION OUTDO T HR TE 01004 SPS - PRE-TERMINATED FIBI TMM P001 - COPPER CABLE REANIMATION TMM P021 - OPTIC FIBRE CABLING JOINING, T MU TE 21001 ST - EQUIPMENT ROOMS AN T HR SS 80002 ST SECTION 9 	S SYSTEM - DESIGN& INS ON SYSTEM FOR PUBLIC CABLE JOR CABLING ATION, PATCHING AND M RE TAILS AND LINK CABLI , TERMINATION AND MAN. ID CUBICLES	TALLATION GUIDELINES TRANSPORT BUILDINGS AND CON ANAGEMENT ES AGEMENT	IVEYANCES		D
HE	RITAGE NOTES					0001.rvt
1.	HERITAGE SPECIALIST TO REVIEW AND PROVIDE E THIS INCLUDES ALL HOLD POINTS SPECIFIED IN T OF ALL NEW WORKS AND MATERIALS IMPACTING CONTAINMENT ROUTES AND ASSOCIATED NEW E	NDORSEMENT OF DESIG THE CONSTRUCTION DOC HERITAGE FABRIC AND F QUIPMENT.	N PRIOR TO ISSUE OF CONSTRUC UMENTATION, SELECTION OF MA PROPOSED CCTV CAMERA POINTS	TION DOCUMENTATION. TERIALS AND SAMPLES S, POLE MOUNTS,		/L-KS-M3D-100
2. 3.	SPECIALIST AND BY RELEVANT AUTHORITIES AS	NECESSARY.	ALL CONTRACTORS MUST UNDER			SMEC-M
4.	INDUCTION BEFORE COMMENCING WORK ON SITE HERITAGE SPECIALIST MUST BE INVOLVED IN THI	E. E SELECTION OF APPROF	PRIATE TRADESPERSONS AND SA	TISFIED THAT ALL WORK		150505-9
5.	HAS BEEN CARRIED OUT IN ACCORDANCE WITH T SIGNIFICANT ELEMENTS MUST BE PROTECTED FF	THE S60 CONDITIONS OF (CONSENT. DRKS. THIS MAY REQUIRE APPRO	PRIATE WRAPPING,		ing/TAP3
6.	COVERING, ETC, OF IDENTIFIED STONFIGARIT FAB ENSURE CONTINUOUS PROTECTION. CARE SHOULD BE UNDERTAKEN DURING CONSTR IMPACTS ON HERITAGE FABRIC. IF ANY DAMAGE I REPORTED TO THE SITE SUPERVISOR AND HERIT	RUCTION WORK TO PROT OCCURS TO HERITAGE F/	ECT HERITAGE FABRIC / STRUCTU ABRIC, WORK SHOULD CEASE IMM THODOLOGY OF RECTIFICATION.	JRES TO AVOID ADVERSE MEDIATELY AND BE		TAP and Stabl
7.	SALVAGE ALL REMOVED ELEMENTS SUCH AS TIM AS TO THEIR ORIGINAL LOCATION, SAFELY STORI	IBER FLOORING, BRICKW ED (PREFERABLY ON SITI	ORK, WINDOWS, ETC. SALVAGED E) AND CAREFULLY REINSTATED	ITEMS MUST BE TAGGED AS REQUIRED OR DEALT		loss Vale
8. 9.	PHOTOGRAPHIC RECORDING SHOULD BE COMPLI CARRIED OUT BY THE HERITAGE SPECIALIST, WH ENSURE ALL CONSTRUCTION WORKS ARE UNDEF • APPROVED FOR CONSTRUCTION DRAWING • MATERIAL AND FINISHES SCHEDULES	ETED PRIOR TO COMMEN IO MUST HAVE FULL ACCI RTAKEN IN ACCORDANCE IS	CEMENT OF WORKS ON SITE. SU ESS TO THE SITE. WITH THE APPROVED S60 DESIG	CH PHOTOGRAPHY TO BE N INCLUSIVE OF:		Autodesk Docs://N
10.	WORKS SHALL NOT COMMENCE WITHOUT RELEVA	ANT APPROVALS INCLUD	ING REQUIRED SITE SPECIFIC AP	PROVALS (IE – IN SITU OR		E NAME:
11.	WHERE EXISTING FABRIC NEEDS TO BE REPAINT APPROVED BY THE HERITAGE SPECIALIST	ED, ENSURE ESB010 HER	ITAGE PAINT SCHEME IS FOLLOW	VED UNLESS OTHERWISE		EILE
12.	WHERE POSSIBLE, UTILISE EXISTING CONTAINME DOCUMENTATION	ENT PATHS FOR SERVICE	S OR OTHERWISE APPROVED IN T	THE DESIGN		E
13.	DURING CONSTRUCTION, EXCAVATION AND TREN ACCORDANCE WITH THE TFNSW UNEXPECTED HE	ICHING WORKS WITHIN TH ERITAGE ITEMS PROCEDI	HE SHR CURTILAGE SHOULD BE L JRE (JULY 2022) WHICH COVERS I	INDERTAKEN IN BOTH ABORIGINAL AND		:36:05 аı
14.	NON-ABORIGINAL HERITAGE ITEMS. ALL NEW FIXINGS AND PENETRATIONS ARE TO BE WORKS SPECIFICATION (2023) AND THE SYDNEY T	IN LINE WITH THE SPECI IRAINS HERITAGE TECHN	FICATIONS OUTLINED IN THE TINS	W HERITAGE REPAIR		/2024 10
15.	HERITAGE SITES ANY REMOVED INFRASTRUCTURE REQUIRES TO SPECIFICATIONS.	BE 'MADE GOOD' (ie - PAT	CH/REPAIR) IN LINE WITH HERITA	GE SPECIALIST		.ТЕ & ТІМЕ 25/07
				ISSUED FOR S	S60 SUBMISSION	PLOT D/
reques arisin yright	st of, Transport for NSW for a specific purpose and may not be g out of the use of this drawing or any of the related information and no part of this drawing may be reproduced in any form with	used for any n for any hout the express	MOSS VALE MAIN SOUTH	LINE 145.600km TO 145	.860km	
N _ NE HE	D TRACEY WANG Tracy D CON SERBAN _ &	10.11.2023 10.11.2023 10.11.2023 10.11.2023	SP1-COMMU LEGEND OF SYMB	NICATION DESIGN		Н

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.24 .23	-		GOVERNMENT	for NSW		DRAWN	<u>TRACEY WANG</u> Travey CON SERBAN _	1 <u>0</u> .1 <u>1</u> .2 <u>02</u> 3_ 1 <u>0</u> .1 <u>1</u> .2 <u>02</u> 3_	SP1-COMMU LEGEND OF SYMB	NICATION DESIGN				
23 23			PREPARED I RAIL DELIVE	FOR: ERY		DRG CHECK DESIGN CHECK	BARRY MARTIN_	<u>10.11.2023</u> <u>10.11.2023</u>	DRAWING SET No:	CO-DRG-001801	PART:	SHEET:	1 OF	1 A1
ED ATE	DESIGN LOT (CODE:	INFRASTRU	CTURE DELIVERY CTURE AND PLACE	JHA COMMUNICATION	PROJ/DES MNGF	R <u>CON SERBAN</u> MARC ESTIMADA M(L	_ <u>10</u> .1 <u>1</u> .2 <u>0</u> 23_ <u>10.1</u> 1. <u>2</u> 02 <u>3</u> _	STATUS: ISSUED F DRG No: TAP3150505-SM	FOR S60 SUBMISSION EC-MVL-KS-DRG-101801	rev ver D 0	EDMS No.		C AMD No.
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TICKETING SYSTEM

ETC	EXISTING ELECTRONIC TICKETING SYSTEM HEAD END CABINET
♀ FLR	EXISTING OPAL CARD READER SINGLE SIDED
↓ FLR	EXISTING OPAL CARD READER DOUBLE SIDED
↓ ↓ FLR	NEW OPAL CARD READER DOUBLE SIDED
∱ FLR	NEW OPAL CARD READER SINGLE SIDED

PA & HEARING LOOP LEGEND

NAM	DELEC DANTE NETWORK AMPLIFIER MODULE IN SPLASH-PROOF HOUSING HP - DENOTES HIGH POWER NAM USED FOR AFILS SYSTEM
NAM	EXISTING DELEC DANTE NETWORK AMPLIFIER MODULE IN SPLASH-PROOF HOUSING TO BE WIRED BACK TO SSER ROOM R-DENOTES RELOCATED NAM
\bigcirc	EXISTING RECESSED PA SPEAKER TOA CS154Q (8 OHMS) R - DENOTES EXISTING TO BE RELOCATED AND RE-WIRED BACK TO LOCAL NAM
\bigcirc	NEW RECESSED PA SPEAKER TOA CS154Q (8 OHMS)
	EXISTING SURFACE MOUNTED PA SPEAKER TOA CS154Q (8 OHMS) R - DENOTES EXISTING TO BE RELOCATED AND RE-WIRED BACK TO LOCAL NAM
Μ	EXISTING PA MICROPHONE CONSOLE TO BE RETAINED
——HL——HL—	NEW HEARING IMPAIRED LOOP SYSTEM (AFILS) WIRED TO NEW SSER ROOM VIA NEW HIGH POWERED NAMS
LEHLE	EXISTING LOOP TO BE RETAINED AND MAIN LEADS REWIRED BACK TO NEW SSER ROOM VIA NEW HIGH POWERED NAMS
HLA	NEW HEARING AUGMENTATION LOOP AMPLIFIER TO BE WIRED BACK TO NEW SSER ROOM
HLA	EXISTING HEARING AUGMENTATION LOOP AMPLIFIER TO BE REWIRED BACK TO NEW SSER ROOM
\square	EXISTING EDC TO BE RETAINED



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1.24 1.23	1.200			for NSW	D		DRAW DESIG	'N	_TRACEY WANG	arey	1 <u>0</u> .1 10.1
0.23 8.23 /ED)ATE		RAIL DE	ELIVERY	K: / URE DELIVERY		Member of the Surbana Jurong Group SMEC JHA	DRG (DESIG PROJ/	CHECK SN CHECK _ DES MNGR	_BARRY MARTIN / _BARRY MARTIN / _CON SERBAN	m m m	<u>10.1</u> <u>10.1</u> <u>10.1</u>
	DESIGN LOT CODE:	INFRAS	STRUCTL	URE AND PLACE		COMMUNICATION	APPR	OVED	_MARC ESTIMADA	Mh	_ <u>10.1</u>
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				FOR CONTINUATION I	REFER TO DRAWING TAP	23150505-JHA-M\/L-KS	-DRG-001810	
В		OXa OXa OXa OXa				C_exC	exC—exC—exC—exC—exC—exC—exC	exC-exC-exC-exC-exC-exC-exC-exC-exC-exC-
				exc exc	exC_exC_exC_exC_exC_exC_exC_exC_exC_exC_	exC_exC_exC_exC_exC_exC_exC		ACCOMMODATE THE ADDITIONAL CONDUITS NEW UNDERGROUND C TO CCTV CAMERA
			xC—exC—exC—exC—exC—exC—exC—exC	exC-exC-exC-exC-ex	EXISTING COMMS 2x50mm RUNNING UP TO BUILDING IN FRONT OF IMSB PLUS 2x100mm NEW CONDUITS NOTE 5			
C		2 exC exC exC exC exC or		C C C	C C C C C C C C C C C C C C C C C C C	C-C-C-C-C-C-C-C-exC-exC-exC-exC-exC-exC-		2x32mm COMMUNICATION CONDUIT TO CCTV CAMERA 2x50mm EXISTING CONDUITS PLUS 2x100mm NEW CONDUITS
0		etc. etc.exC exC C C C C exC	exc exc exc exc exc exc exc	C C C C C exC exC exC exC exC or			exc exc exc exc exc exc	xC-ext exc
	2x100mm + 2x50m NEW CONDUITS			exc-exc-exc-exc	exC_exC_exC_exC_exC_exC_exC_exC_exC_exC_	exC_exC_exC_exC_exC_exC_exC_exC_exC_exC_		2x50mm EXISTING CONDUITS PLUS 2x100mm NEW CONDUITS 2x100mm NEW CONDUITS 2x100mm NEW CONDUITS
	2x32mm CONDUIT CCTV CAMERA	S TO	exc exc exc exc exc exc exc exc	c-exc-exc-exc-exc				
D				EXISTING 1x50mm COMMS UNDERGROUND			EXISTING COMMS PIT UPGRADED TO	
	PROPOSED STEE TO THE EXISTING 2x100mm + 2x50m	L CONDUITS AFFIXED	NEW COMMUNICATION PIT LC TO INCORPORATE EXISTING COMMUNICATION CONDUIT C WESTERN SIDE OF THE ROAI	OCATED SPARE DN D			CONDUITS	EXI ACC COM
E								
	6x100mm CONDUITS RACK TO PIT	S FROM						
	PROPOSED MARSH AT GROUND LEVEL FOOTBRIDGE. SERV	IALLING CABINET UNDER THE VICES RISER	2x100mm + 4x50mm NEW CONDUITS RISER FROM PIT TO UNDERSIDE OF BRIDGE REFER TO OTHER DRAWING TAP3150505-SMEC-MVL-KS-DRG-101822 FOR CONTINUATION					
F	SERVICE TRANSITION	ON BOX FROM A1						
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G								
DRAWING COLO REFERENCES:	JUR CODED - PRINT ALL COPIE	S IN COLOUR	ID MAY BE INCOMPLETE IF CO	OPIED. SCALE: 1	: 200 CLIEN	NT:	OFFICIAL This drawing and the related information have been prepar	ed by, or at the request of, Transport for NSW for a specific purpose and may not be used for an
TAP3150505-SMEC-MVI	L-CO-M3D-000001				0 2 4 6 8 m	Transport	purpose outer trian the purpose intended by Transport for Transport for NSW does not provide any warranties and ac purpose other than the intended purpose. This drawing is p written permission of Transport for NSW.	row. cepts no liability arising out of the use of this drawing or any of the related information for any rotected by copyright and no part of this drawing may be reproduced in any form without the exp
н	D RE-ISSU C ISSUED	JED FOR S60 SUBMISSION FOR S60 SUBMISSION	CS/19.01.24 BM CS/10.11.23 BM	T:200 1/19.01.24 ME/19.01.24 1/10.11.23 ME/10.11.23	GOVE	SW IF INTENT FOR NSW		DRAWN TRACEY WANG 10.1 DESIGNED CON SERBAN 10.1
	B ISSUED A ISSUED REV	FOR PRELIMINARY DESIGN REVIEW FOR SYSTEM DEFINITION REVIEW DESCRIPTION	CS/06.10.23 BM CS/04.08.23 BM DESIGNER VE INITIAL/DATE INIT	WOOL 10.23 ME/06.10.23 I/04.08.23 ME/04.08.23 ERIFIED APPROVED TIAL/DATE INITIAL/DATE	RAIL	DELIVERY ASTRUCTURE DELIVERY	Member of the Surbana Jurong Group SMEC IHA	DRG CHECKBARRY MARTIN M21. 10.1 DESIGN CHECK _BARRY MARTIN M21. 10.1 PROJ/DES MNGR CON SERBAN _ 4 10.1
	COORDINA	TE SYSTEM: GDA20 MGA Zone 56	GDA2020 HEIGHT DATUM	M: A.H.D DESIGN LC	DT CODE:	ASTRUCTURE AND PLACE	COMMUNIATION	APPROVEDMARC ESTIMADA MU10.1
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BCG BH N PIT ON OF TED NSION JITS 4x50mm ES + 1x LIFT PHONE, NG AND LIFT ALARM	COMMS CONDUITS 4x50mm UNDER BRIDGE PROPOSED N TO INTERCEP	EW TRANSITION COMMS PIT T EXISTING AND NEW CCTV (CABLES + 2% SPARES)		NOTES: 1. SERVICES RISERS NEAF 2. REFER TO CSR PACKAGE WITHIN THE STATION. 3. REFER TO COMMUNICAT WITH CONDUIT CONNECT 4. EXISTING TELSTRA FIBR REMOVED ONCE THE NE 5. FINAL NBN FIBRE OPTIC APPROVED CONTRACTO 6. TELSTRA COPPER INCOM CONTAINMENT. FINAL SC 7. CONDUIT 1 - 50mm - LE CONDUIT 2 - 50mm - LE CONDUIT 3 - 50mm - 22 CONDUIT 5 - 50mm - SI CONDUIT 6 - 50mm - SI 8. CONDUIT 1 - 50mm - LE CONDUIT 3 - 50mm - 24 CONDUIT 3 - 50mm - 24 CONDUIT 5 - 100mm - 24 CONDUIT 4 - 50mm - SI CONDUIT 5 - 100mm - CI CONDUIT 5 - 100mm - SI CONDUIT 6 - 100mm - AI CONDUIT 7 - 100mm - SI CONDUIT 8 - 100mm - SI CONDUIT 8 - 100mm - SI 9. SERVICES CONNECTION LIFT SERVICES AND CAB	R LIFTS TO BE INSIDE THE LIFT SHAFT STRUCTURE. FINAL NO E FOR FURTHER DETAILS REGARDING THE CONDUITS INFRAS ION AND SECURITY SERVICES DETAILS FOR EXACT LOCATION TION. E OPTIC LEAD IN AND CCTV CABLE CONTAINMENT INSTALLE W CONTAINMENT UNDER THE BRIDGE IS INSTALLED AND CAE CONFIGURATION SUBJECT TO APPROVAL BY NBN. NBN FIBRI R. MING CABLE CONNECTING THE PUBLIC PHONE SHALL BE REIN COPE OF WORKS TO BE CONFIRMED BY TELSTRA. EAD IN NBN FIBRE + TELSTRA COPPER EAD IN SPARE CORE FIBRE TO MC3 + PHONE TO LIFT, LIFT ALARM CONDULT PARE PARE EAD IN NBN FIBRE + TELSTRA COPPER EAD IN NBN FIBRE + TELSTRA COPPER EAD IN NBN FIBRE + TELSTRA COPPER EAD IN SPARE CORE FIBRE TO MC3 + PHONE TO LIFTS 1, 3, LIFT ALARM, LIF PARE CORE FIBRE TO MC3 + PHONE TO LIFTS 1, 3, LIFT ALARM, LIF PARE TO MARSHALLING CABINET MC3 TO RUN VIA THE "C" LINE AN LES TO CCTV CAMERAS ON THE BRIDGE.	OF CONDUITS TBC. TRUCTURE AND CONTAINMENT AS OF SERVICES AND EQUIPMENT DINTERNAL TO THE BRIDGE TO BE LES CONNECTED TO SPECIFICATION. COPTIC CABLE WORKS BY NBN INSTATED VIA THE NEW SERVICES T 4x50mm - CCTV CAT 2 TO CAMERA T 2x CAT6A PROVISION ARDS D CONSIST OF FIBRE TO CABINET,
COMMS CONDUITS 2x32mm (1x CCTV CABLE + 1x SPARE) CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	EXISTING CCTV CONTAINMENT TO CAMERAS IN THE CARPARK, LOCATION NOT IDENTIFIED ON SITE.	exc exc <td>C exC exC exC exC exC exC exC exC exC ex</td> <td>exC_exC_exC_exC_exC_exC_exC_exC_exC_exC_</td> <td>xC_exC_exC_exC EXISTING CAR PARK CA</td> <td>C MERA</td>	C exC exC exC exC exC exC exC exC exC ex	exC_exC_exC_exC_exC_exC_exC_exC_exC_exC_	xC_exC_exC_exC EXISTING CAR PARK CA	C MERA
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NOTES:

1. EXISTING NBN CONNECTION ASSOCIATED WITH THE FUEL BUILDING IAS AND NTS SYSTEMS TO BE RELOCATED TO HV POLE. ALLOW TO CONTACT NBN PROVIDED AND ORGANISE WORKS WITH AN APPROVED NBN CONTRACTOR TO RELOCATE THE SERVICES FROM EXISTING POLE TO HV POLE. AFTER RELOCATION REMOVE THE NBN POLE FROM SITE. ALLOW TO REINSTATED EXISTING NBN SERVICE TO DEF BUILDING. EXTEND UNDERGROUND NBN CONDUIT TO SUIT THE ABOVE WORKS. COORDINATE WITH NBN CONTRACTOR AS NECESSARY

 NEW COMBINED MARSHALLING CABINET FOR CCTV AND COMMUNICATION SERVICES LOCATED AS SHOWN. THE CABINET SHALL BE IK10 RATED AND PROVIDED WITH SYDNEY TRAINS APPROVED KEY LOCKING SYSTEM. (TBC)



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PSS 1.2023_ 1.2023_ 1.2023_	MOSS VALE MAIN SOUTH MOSS VALE SP1-COMMU FOOTBRIDGE COM	LINE 145.600km TO 14 STATION UPGRADE NICATION DESIGN	45.	860km	Н
1.2 <u>023</u> 1.2 <u>023</u> 1. <u>2023</u>	DRAWING SET No: STATUS: ISSUED I DRG No: TAP3150505-SM	FOR S60 SUBMISSION EC-MVL-KS-DRG-101822	ART EV D	SHEET: 1 OF 1 A1 © © VER EDMS No. AMD No. 0 12 12	Plotted By



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3.23	1:50			SMEC JHA COMMUNICATION		DESIG	N CHECK		m	<u>10.11</u>
′ED ATE						PROJ/I	DES MNGR	<u>CON SERBAN</u> _	·	<u>10</u> .1 <u>1</u>
	DESIGN LOT CODE:					APPRO	OVED	<u>MARC ESTIMADA M</u>	lh	_ <u>10.1</u> 1
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00	RDINATE SYSTE	EM: GDA2() MGA Zone !	56

B ISSUED FOR PRELIMINARY DESIGN REVIEW

A ISSUED FOR SYSTEM DEFINITION REVIEW

2

REV

DESCRIPTION

GDA2020 HEIGHT DATUM: A.H.D

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							OFFICIAL				ISSUED FO	RS	S60 SUBMISS	SION	DLO.
COMPLETE	IF COPIED.		SCALE: 1:1		CLIENT:	Transport	This drawing and the related information have been prepar purpose other than the purpose intended by Transport for I Transport for NSW does not provide any warranties and ac purpose other than the intended purpose. This drawing is p written permission of Transport for NSW.	ed by, or at the r ISW. cepts no liability rotected by cop	request of, Transport for NSW for a specific purpose and may not be used for any y arising out of the use of this drawing or any of the related information for any pyright and no part of this drawing may be reproduced in any form without the express	MOSS VALE MAIN SOUTH	LINE 145.600km TO	145.	860km		
CS/19.01.24 CS/10.11.23 CS/06.10.23 CS/04.08.23 DESIGNER	BM/19.01.24 BM/10.11.23 BM/06.10.23 BM/04.08.23 VERIFIED	ME/19.01.24 ME/10.11.23 ME/06.10.23 ME/04.08.23 APPROVED INITIAL/DATE			PREPAR RAIL DEI INFRAST	ED FOR: LIVERY TRUCTURE DELIVERY	DEGNAN EC Member of the Surbana Jurong Group	DRAW DESIG DRG C DESIG PROJ/	/N TRACEY WANG Tracy _ 10.11.2023_ GNED CON SERBAN Image: Constant for the second	DRAWING SET No STATUS: ISSUED	STATION OF GRADE NICATION DESIGN /AFILS SYSTEM SCHEMATICS : FOR S60 SUBMISSION	PART	: SHEET: 1 OF	1 A1 ©	d By
HEIGHT D	ATUM: A.H.D		DESIGN LOT CODE:		INFRAST	TRUCTURE AND PLACE	JHA COMMUNICATION	APPR(OVED	DRG No: TAP3150505-SM	IEC-MVL-KS-DRG-101841	REV D	VER EDMS No. /	AMD No.	Plotted
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NOTES PA/AFILS: 1. PLATFORM 1 RETICULATION FOR PA NAMS P1-N1 AND P2-N1 FROM PA RACK VIA DC CABLE PLUS CAT5E В UTP EXTERNAL GRADE. 2. PLATFORM 1 AND 2 AFILS TO RUN IN CANARE 4S11 LOOP DRIVER CABLE UP TO AFILS LOOP TERMINATION BOX AND BELDEN 580263 FOR LOOP. 3. FOR AFILS SYSTEM THE CONTRACTOR SHALL UTILISE WILLIAMS SOUND MODEL (PLADL107NETD) LOOP DRIVER.CUSTOMER OPS PASSENGER INFORMATION (CONTACT-CHARLES, CHAN, KIM HA) SHALL BE ENGAGED FOR COORDINATION WITH REGARDS TO TYPES AND MODELS OF ANY PA & AFILS EQUIPMENT PRIOR PROCUREMENT OR SERVICES INSTALLATION. 4. AFILS LOOP CORNERS ARE QUARTER ROUNDED AND NOT OVERCUT. USE BLACK EPOXY TO FILL THE CHANNEL. 5. THE BOUNDARIES OF THE AFILS LISTENING AREAS ARE TO BE DESIGNATED BY SIGNS COMPLIANT TO THE SYMBOLS AND SIGNAGE REQUIREMENTS OF SECTION 16 AND SECTION 17 OF AS1428.2-1992. 6. INSTALLATION OF PA SPEAKERS & AFILS SHALL COMPLY WITH THE AUDIO INTELLIGIBILITY REQUIREMENTS OUTLINED IN ASA STANDARD "T MU TE 61005 ST-CUSTOMER INFORMATION SYSTEM FOR PUBLIC TRANSPORT BUILDING AND CONVEYANCES; SECTION 8.5.2-AUDIO INTELLIGIBILITY" С 7. ALL AFIL AMPS AND HP NAM'S WHERE MODIFIED/ REINSTATED ARE TO BE CONFIGURED WITH NOTCH FILTERS TO PREVENT ANY INTERFERENCE ISSUES THE SIGNALLING SYSTEM. 8. ENSURE HEARING LOOPS ARE NOT INSTALLED WITHIN 1.65M FROM THE PLATFORM COPING, NOR THROUGH ANY PLATFORM TACTILES. 9. ENSURE A CONCRETE SCAN IS CONDUCTED FOR CONCRETE SURFACES (CONCOURSE, PLATFORM) TO ASCERTAIN THE DEPTH OF SERVICES AND THE RIO STEEL BARS/MESH. 10. THE BOUNDARIES OF THE AFILS LISTENING AREAS ARE TO BE DESIGNATED BY SIGNS COMPLIANT TO THE SYMBOLS AND SIGNAGE REQUIREMENTS OF SECTION 16 AND SECTION 17 OF AS 1428.2-1992. 11. ENSURE ALL NEW NAM'S AND MEDIA CONVERTERS ARE INSTALLED IN A VERTICAL POSITION TO ALLOW EASY MAINTENANCE ACCESS AND PREVENT WATER INGRESS. IN OTHER WORDS, THE CABLE ENTRY MUST ALWAYS BE AT THE BOTTOM UNLESS PRIOR APPROVAL IS GIVEN DUE TO LIMITATION OF SITE CONDITION. 12. ALL NEW AND RELOCATED PA SPEAKERS SHALL BE RE-WIRED TO THE DESIGNATED NAM'S. ALL EXISTING NAM LOOPS SHALL BE RE-WIRED TO SSER ROOM. D 13. ALL NEW HP NAM'S SHALL BE CONNECTED TO LOCAL NAM LOOPS AS DOCUMENTED. USING DC CABLE PLUS CAT5E UTP EXTERNAL GRADE. 14. ALL NEW AND EXISTING AFILS LOOPS SHALL BE WIRED TO NEW HP NAM'S AS DOCUMENTED. 15. TOILETS PA SPEAKERS TO BE WIRED TO LOCAL NAM . 16. UNLESS INDICATED OTHERWISE ALL EXISTING PA EQUIPMENT SHALL BE RETAINED. 17. ALL NEW AND EXISTING, RELOCATED DEVICES (PA SPEAKERS, EDC SPEAKERS, AFIL, NAMS, HP NAMS, ETC) TO BE ROUTED AND CABLED BACK TO SSER. B ŠΓ 25/01 ME ంర - H

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Image: Second									A
					24V DC SUPPLY / DISTRIBUTION.				В
Contraction	FLR FLR	EXISTING DOUBLE FLR AT STATION ENTRY TO BE RETAINED EXISTING SINGLE FLR LOCATED ON CORRIDOR IN FRONT OF WAITING ROOM TO BE RETAINED NEW SINGLE FLR IN FRONT OF LIFT 2	2Cx2.5mm² OVC EQUIV. TO ELEC 6mm² GREEN/Y 2xCAT 5e UTP - WATER BARRIER. EQUIV TO M (DUAL CAT 5e CABLES	PVC GREY FLEXIBLE CABLE	CAT 5e UTP PATCH LEADS				С
	ES - M5E-4-MB-Bł	K	NEW OR EXISTING DUA WIRED AS PART OF MA	L OPAL CARD READER	L CARD READER (FLR)	<u>CONNECTION</u>			D
SCALE: 1 N.T.S ISSUED FOR S60 SUBMISSION Market of the first of the fir				NOTES: 1. EXISTING FLR'S TO BE REWI PRIMARY ETS INSIDE COMM 2. NEW FLR TO BE WIRED TO N INSIDE COMMUNICATION CA	RED BACK TO NEW SSER ROOM JNICATION RACK. IEW SSER ROOM PRIMARY ETS BINET.				FILE NAME: Autodesk Docs://Moss Vale TAP and Stabling/TAP3150505-SMEC-MVL-KS-M3D-100001.
SCALE: 1 N.T.S CLIENT: Model and the related allocation between prepared by: or at the requested of the served of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested of the related by created by the regulated and requested by the requested by therend by the req				OFFICIAL			ISSUED FOR	S60 SUBMISSION	PLOT DATE & TIME 25/01/2024 10:37:12 ат О
	SCAL 24 23 23 23 ED ATE DESI0	E: 1 N.T.S GN LOT CODE: 6	CLIENT: Transport Transport for NSW PREPARED FOR: RAIL DELIVERY INFRASTRUCTURE DELIVERY INFRASTRUCTURE AND PLACE 1	This drawing and the related information have been prepared by, or at the purpose other than the purpose intended by Transport for NSW. Transport for NSW does not provide any warranties and accepts no liab purpose other than the intended purpose. This drawing is protected by or written permission of Transport for NSW. DECENNEN EXPENSION DECENSION DECENS	he request of, Transport for NSW for a specific purpose and may not be used ility arising out of the use of this drawing may be reproduced in any form without the opyright and no part of this drawing may be reproduced in any form without the NN	I for any MOSS VALE any MAIN SOUTH 10.11.2023_ SP1-COMMU 10.11.2023_ ELECTRONIC TICK 10.11.2023_ DRAWING SET NO 10.11.2023_ DRG NO: 10.11.2023_ TAP3150505-SN	LINE 145.600km TO 145 STATION UPGRADE NICATION DESIGN KETING SYSTEM FOR S60 SUBMISSION IEC-MVL-KS-DRG-101842 11	5.860km T: SHEET: 1 OF A1 © VER EDMS No. 0 12	Plotted By

EXISTING DOUBLE FLR AT STATION ENTRY TO BE RETAINED
EXISTING SINGLE FLR LOCATED ON CORRIDOR IN FRONT OF WAITING ROOM TO BE RETAINED

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