

← FROM SYDNEY

TO EXETER →



Transport
for NSW

MOSS VALE STATION UPGRADE MOSS VALE MAIN SOUTH LINE 145.600km TO 145.860km COVER SHEET AND DRAWING LIST

SECURITY



LOCATION PLAN

SECURITY DRAWING LIST		
EDMS No	Sheet Number	Sheet Name
TAP3150505-SMEC-MVL-SS-DRG-101850		COVER SHEET AND DRAWING LIST
TAP3150505-SMEC-MVL-SS-DRG-101851		LEGEND OF SYMBOLS AND NOTES
TAP3150505-SMEC-MVL-SS-DRG-101853		OVERALL SITE PLAN
TAP3150505-SMEC-MVL-SS-DRG-101860		STREET LEVEL SECURITY LAYOUT SHEET 1
TAP3150505-SMEC-MVL-SS-DRG-101861		STREET LEVEL SECURITY LAYOUT SHEET 2
TAP3150505-SMEC-MVL-SS-DRG-101862		STREET LEVEL SECURITY LAYOUT SHEET 3
TAP3150505-SMEC-MVL-SS-DRG-101863		STREET LEVEL SECURITY LAYOUT SHEET 4
TAP3150505-SMEC-MVL-SS-DRG-101864		PLATFORM SECURITY LAYOUT SHEET 1
TAP3150505-SMEC-MVL-SS-DRG-101865		PLATFORM SECURITY LAYOUT SHEET 2
TAP3150505-SMEC-MVL-SS-DRG-101866		STREET LEVEL SECURITY LAYOUT SHEET 5
TAP3150505-SMEC-MVL-SS-DRG-101867		FOOTBRIDGE SECURITY LAYOUT SHEET 1
TAP3150505-SMEC-MVL-SS-DRG-101868		FOOTBRIDGE SECURITY LAYOUT SHEET 2
TAP3150505-SMEC-MVL-SS-DRG-101870		SECURITY SCHEMATIC AND DETAILS
TAP3150505-SMEC-MVL-SS-DRG-101871		SCHEMATIC AND DETAILS-CCTV SERVICES

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<p>REFERENCES:</p> <p>TAP3150505-SMEC-MVL-TE-M3D-000001</p>	<p>THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.</p>	<p>SCALE: 1 : 1</p>	<p>CLIENT:</p>	<p><small>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.</small></p>	<p>MOSS VALE MAIN SOUTH LINE 145.600km TO 145.860km MOSS VALE STATION UPGRADE SP1-SECURITY DESIGN COVER SHEET AND DRAWING LIST</p>																									
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FILE NAME: A:\desk\Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-00001.rvt










PLOT DATE & TIME: 25/01/2024 9:02:49 am

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SECURITY & ACCESS LEGEND

-  RFID CARD READER
-  ELECTRIC STRIKE
-  REED SWITCH FOR ACCESS CONTROL (CONFIRM NORMALLY OPEN / NORMALLY CLOSED REQUIREMENT)
-  AUTOMATIC DOOR CONTROL
-  DENOTES DOOR CONTROL FITTED WITH MOTION ACTIVATION
-  KEY SWITCH
-  PIR DETECTOR
-  SYDNEY TRAINS NOMINATED SECURITY PANEL
-  SMOKE DETECTOR CONNECTED TO SECURITY SYSTEM OR LIFT PANEL AS NOMINATED
-  ELECTRONIC ACCESS CONTROL HEADEND. DSX SYSTEM INTEGRATED INTO SYDNEY TRAINS CARD MANAGEMENT CENTRE SYSTEM.
-  PUSH BUTTON
-  NEW TWO WAY INTERCOM SYSTEM
-  EXISTING CCTV RACK
-  NEW CCTV RACK
-  EXISTING HELP POINT
-  EXISTING CCTV SYSTEM MONITOR
-  NEW KEYPAD FOR ARMING/DISARMING SECURITY SYSTEM
-  EXISTING KEYPAD FOR ARMING/DISARMING SECURITY SYSTEM
-  EXISTING CCTV CAMERA
-  CCTV CAMERA IN DOME HOUSING WITH TAMPER SENSOR (GENERALLY UTC TVD-1203 BUT UTC TVD-1103 TO BE USED WITHIN LIFTS). FIELD OF VIEW SHOWN DASHED
-  CCTV CAMERA IN VANDAL-PROOF HOUSING WITH TAMPER SENSOR (FIXED TYPE). UTC TVC-M1220-1-P IN FIXED CAMERA HOUSING. FIELD OF VIEW SHOWN DASHED
-  CCTV CAMERA MOUNTED ON 4.0 METER ADT STANDARD POLE (AS 4086 COMPLIANT)
-  CCTV CAMERA
NEW CCTV CAMERA IN DOME HOUSING WITH TAMPER VVOTEC M9321-EHTV MULTI SENSOR. FIELD OF VIEW SHOWN DASHED

GENERAL

-  REMOTE DOOR CONTROL WITH SOLENOID MORTICE LOCK WITH FREE HANDLE EGRESS
-  DISTRESS BUTTON INTERCOM LINKING TO MASTER INTERCOM AT TICKETING DESK
-  TOILET CALL ASSIST PANEL
-  TOILET REMOTE CONTROL PANEL
-  COMMUNICATION PIT WITH LOCKABLE, NON-SLIP LID FLUSH WITH GROUND LEVEL. CLASS C LID. U.N.O N - DENOTES NEW REFER TO CSR DRAWINGS FOR DETAILS
-  - FIBRE OPTIC BREAK OUT TRAY
-  EXISTING AFC ENCLOSURE
-  FIBRE DISTRIBUTION PANEL
-  MARSHALLING CABINET

GENERAL NOTES

1. CONTRACTOR SHALL CONDUCT DETAILED SITE INSPECTION TO CONFIRM LOCATION OF PITS, CABLING, BUILDING, CABLE ROUTES THAT ARE AFFECTED BY THE PROJECT PRIOR TO COMMENCEMENT OF SITE WORKS. ALL DISTANCES AND QUANTITIES SHOWN ARE APPROXIMATE.
2. CONTRACTOR SHALL PROVIDE A DETAILED CONSTRUCTION PROGRAM TO TfNSW AND SYDNEY TRAINS FOR APPROVAL PRIOR TO CONSTRUCTION WORKS.
3. CONTRACTOR SHALL CONTACT 'DIAL BEFORE YOU DIG' PRIOR TO COMMENCEMENT OF SITE EXCAVATION. IT REMAINS THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT APPROPRIATE DEVD ACTIVITIES FOR ALL UTILITIES & SERVICES PRIOR TO EXCAVATION WORKS BEING EXECUTED ONSITE.
4. CONTRACTOR SHALL PROVIDE WORKSHOP DRAWINGS AND INSTALLATION DETAILS FOR APPROVAL PRIOR TO THE COMMENCEMENT OF INSTALLATION WORKS.
5. THE BUILDER SHALL CONTACT STEVE JAKSICH (CCTV SENIOR PROJECT LEAD) TO ORGANISE THE REMOVAL OF EXISTING AND INSTALLATION OF NEW CCTV SERVICES.
6. ONCE THE FINAL NUMBER OF CCTV CAMERAS HAS BEEN AGREED WITH PROTECTIVE SECURITY THE CONTRACTOR SHALL COORDINATE WITH TfNSW ASSET MANAGEMENT TECHNOLOGY AND ENSURE AVAILABLE BANDWIDTH IS PROVIDED FOR THE EXPANDED CCTV SYSTEM.
7. THE SECURITY CONTRACTOR SHALL ENSURE CCTV SERVICES INSTALLATION IS IN ACCORDANCE WITH ASA STANDARD T MU SY 10001 ST - PUBLIC TRANSPORT CLOSED CIRCUIT TELEVISION (CCTV) FUNCTIONAL REQUIREMENT.
8. ALL CCTV CABLING AND CONTAINMENT WORKS SHALL COMPLY WITH IAD-WIS-10-001 - STANDARD DIGITAL CABLING AND CONTAINMENT WORK INSTRUCTION FOR SYDNEY TRAINS.
9. ALL CCTV CAT6 CABLES INSTALLED UNDERGROUND ARE TO BE RATED FOR MOISTURE.
10. ALL REDUNDANT CABLING SHALL DISCONNECTED AND REMOVED FROM THE SITE.
11. ENSURE ALL NEW CABLES, PATCH LEADS, PATCH PANELS AND EQUIPMENT ARE LABELLED. ENSURE CABLE MANAGEMENT IS PROVIDED AS REQUIRED AT EACH CCTV RACK / MARSHALLING CABINET.
12. THE BUILDER SHALL ENSURE THAT NEW RACKS ARE LEVELLED AND PERMANENTLY AFFIXED TO THE FLOOR AS PER SECTION 9.1.1 - AMB STANDARD T MU MD 21001 ST.
13. DURING BUILDING WORKS, ALL RACKS SHALL BE APPROPRIATELY PROTECTED FROM CONSTRUCTION DUST.
14. CABLE ENTRIES SHALL BE SEALED TO PREVENT THE ENTRY OF VERMIN.
15. ALL FIRE BARRIER PENETRATIONS FOR COMMUNICATIONS CABLES AND POWER DISTRIBUTION ARE FITTED WITH RE-OPENABLE INTUMESCENT FOAM FILLED FIRE-RATED CABLE TRANSITS.
16. THE BUILDER SHALL ARRANGE FOR THE OPERATION TECHNOLOGY MAJOR WORKS TO BE ENGAGED FOR THE INSTALLATION OR RELOCATION OF TECHNOLOGY ASSETS AND SERVICES (INCLUDING COMMIS, CCTV & PASSENGER INFORMATION). OPERATION TECHNOLOGY CONTACT - JAMES PILMER (PROJECT DELIVERY MANAGER).
17. ALL PITS BE VANDAL AND INTRUDER-RESISTANT, TAMPER-EVIDENT AND ABLE TO BE EASILY INSPECTED.

COMPLIANCE NOTES

- ALL WORKS SHALL COMPLY WITH:
1. AUSTRALIAN STANDARDS AND REGULATIONS
 - AS 1428.2: 1992(2015) CLAUSES 21.1 AND 21.2 (A)
 - AS/CA S009:2013 - WIRING RULES
 - AMB ESB 004 STATION SERVICES AND SYSTEMS AMB STANDARD
 - AS/NZS 3000:2018
 - AS 1735.2
 - NSW INDUSTRIAL NOISE POLICY
 - NCC 2019 VOLUME 1 - CLAUSE H2.13
 2. AMB STANDARDS
 - FSYD 2014/14276 DIGITAL PUBLIC ADDRESS SYSTEM - DESIGN & INSTALLATION GUIDELINES
 - T MU TE 51005 ST - CUSTOMER INFORMATION SYSTEM FOR PUBLIC TRANSPORT BUILDINGS AND CONVEYANCES
 - SPM 027 - SINGLE MODE OPTICAL FIBRE CABLE
 - T HR TE 01001 ST COMMUNICATION OUTDOOR CABLING
 - T HR TE 01003 SP - OPTICAL FIBRE TERMINATION, PATCHING AND MANAGEMENT
 - T HR TE 01004 SPS - PRE-TERMINATED FIBRE TAILS AND LINK CABLES
 - TMM P001 - COPPER CABLE REANIMATION
 - TMM P021 - OPTIC FIBRE CABLING JOINING, TERMINATION AND MANAGEMENT
 - T MU TE 21001 ST - EQUIPMENT ROOMS AND CUBICLES
 - T HR SS 8002 ST SECTION 9
 - TS 04999:1.0 PUBLIC TRANSPORT CLOSED CIRCUIT TELEVISION FUNCTIONAL REQUIREMENTS 1.0
 - TS 04992:1.0 SURFACE TRANSPORT FIXED INFRASTRUCTURE PHYSICAL SECURITY STANDARD 1.0




HERITAGE NOTES

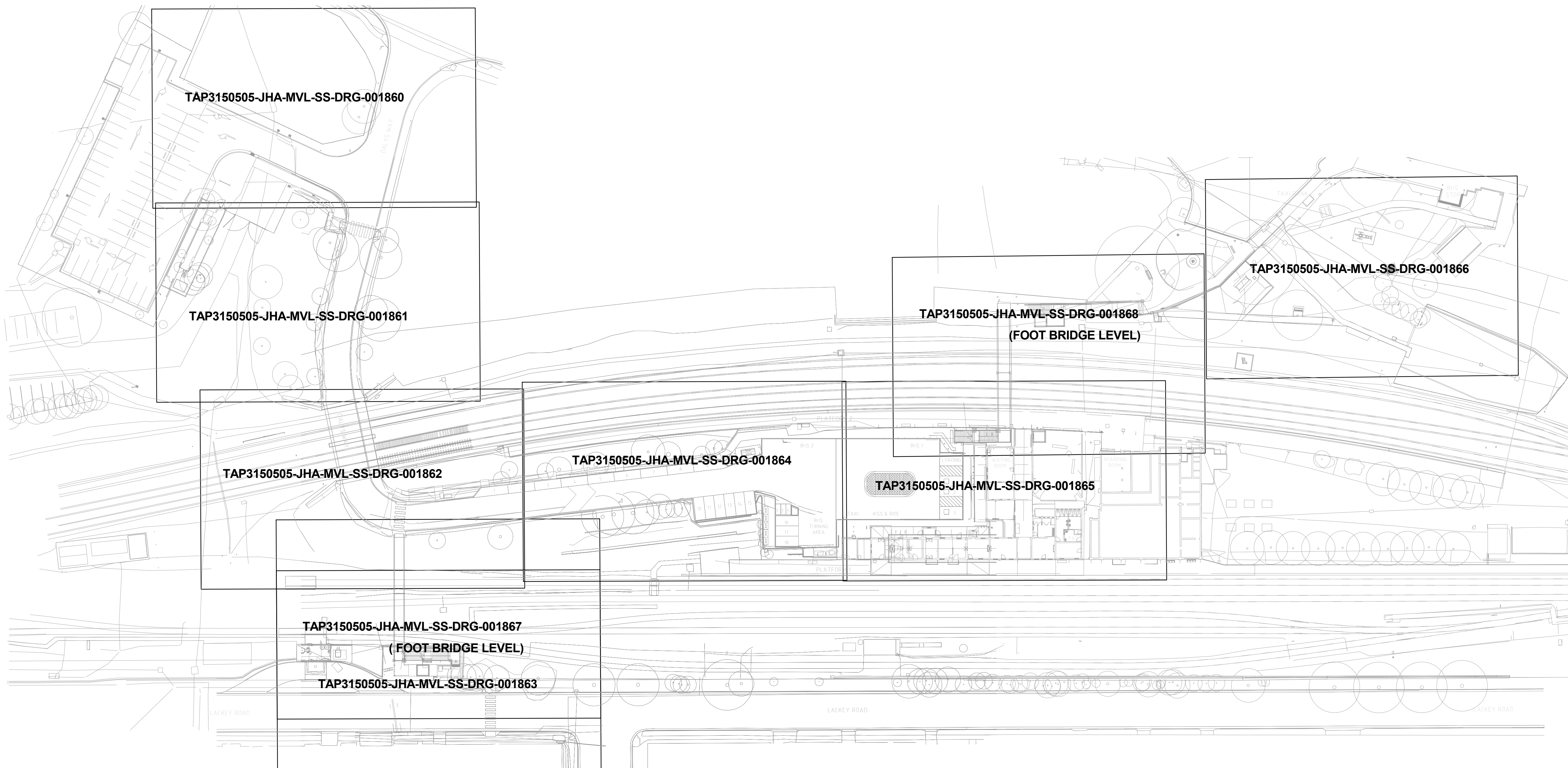
1. HERITAGE SPECIALIST TO REVIEW AND PROVIDE ENDORSEMENT OF DESIGN PRIOR TO ISSUE OF CONSTRUCTION DOCUMENTATION. THIS INCLUDES ALL HOLD POINTS SPECIFIED IN THE CONSTRUCTION DOCUMENTATION, SELECTION OF MATERIALS, AND SAMPLES OF ALL NEW WORKS AND MATERIALS IMPACTING HERITAGE FABRIC.
2. ANY DESIGN CHANGES PROPOSED DURING CONSTRUCTION MUST BE REVIEWED, APPROVED AND ENDORSED BY THE HERITAGE SPECIALIST AND BY RELEVANT AUTHORITIES AS NECESSARY.
3. TO UNDERSTAND THE HERITAGE SIGNIFICANCE OF MOSS VALE STATION, ALL CONTRACTORS MUST UNDERTAKE A HERITAGE INDUCTION BEFORE COMMENCING WORK ON SITE.
4. HERITAGE SPECIALIST MUST BE INVOLVED IN THE SELECTION OF APPROPRIATE TRADESPERSONS AND SATISFIED THAT ALL WORK HAS BEEN CARRIED OUT IN ACCORDANCE WITH THE S60 CONDITIONS OF CONSENT.
5. SIGNIFICANT ELEMENTS MUST BE PROTECTED FROM DAMAGE DURING WORKS. THIS MAY REQUIRE APPROPRIATE WRAPPING, COVERING, ETC. OF IDENTIFIED SIGNIFICANT FABRIC, AND REPLACEMENT OF SUCH WRAPPING AS NECESSARY DURING WORKS TO ENSURE CONTINUOUS PROTECTION.
6. CARE SHOULD BE UNDERTAKEN DURING CONSTRUCTION WORK TO PROTECT HERITAGE FABRIC / STRUCTURES TO AVOID ADVERSE IMPACTS ON HERITAGE FABRIC. IF ANY DAMAGE OCCURS TO HERITAGE FABRIC, WORK SHOULD CEASE IMMEDIATELY AND BE REPORTED TO THE SITE SUPERVISOR AND HERITAGE SPECIALIST FOR METHODOLOGY OF RECTIFICATION.
7. SALVAGE ALL REMOVED ELEMENTS SUCH AS TIMBER FLOORING, BRICKWORK, WINDOWS, ETC. SALVAGED ITEMS MUST BE TAGGED AS TO THEIR ORIGINAL LOCATION, SAFELY STORED (PREFERABLY ON SITE) AND CAREFULLY REINSTATED AS REQUIRED OR DEALT WITH AS INSTRUCTED BY THE HERITAGE SPECIALIST.
8. PHOTOGRAPHIC RECORDING SHOULD BE COMPLETED PRIOR TO COMMENCEMENT OF WORKS ON SITE. SUCH PHOTOGRAPHY TO BE CARRIED OUT BY THE HERITAGE SPECIALIST, WHO MUST HAVE FULL ACCESS TO THE SITE.
9. ENSURE ALL CONSTRUCTION WORKS ARE UNDERTAKEN IN ACCORDANCE WITH THE APPROVED S60 DESIGN INCLUSIVE OF:
 - APPROVED FOR CONSTRUCTION DRAWINGS
 - MATERIAL AND FINISHES SCHEDULES
 - ANY OTHER ITEMS/CONDITIONS NOMINATED IN S60 APPROVAL (IF APPLICABLE)
10. WORKS SHALL NOT COMMENCE WITHOUT RELEVANT APPROVALS INCLUDING REQUIRED SITE SPECIFIC APPROVALS (IE - IN SITU OR VALIDATION)
11. WHERE EXISTING FABRIC NEEDS TO BE REPAINTED, ENSURE ESB010 HERITAGE PAINT SCHEME IS FOLLOWED UNLESS OTHERWISE APPROVED BY THE HERITAGE SPECIALIST
12. WHERE POSSIBLE, UTILISE EXISTING CONTAINMENT PATHS FOR SERVICES OR OTHERWISE APPROVED IN THE DESIGN DOCUMENTATION
13. DURING CONSTRUCTION, EXCAVATION AND TRENCHING WORKS WITHIN THE SHR CURTLAGE SHOULD BE UNDERTAKEN IN ACCORDANCE WITH THE TfNSW UNEXPECTED HERITAGE ITEMS PROCEDURE (JULY 2022) WHICH COVERS BOTH ABORIGINAL AND NON-ABORIGINAL HERITAGE ITEMS.

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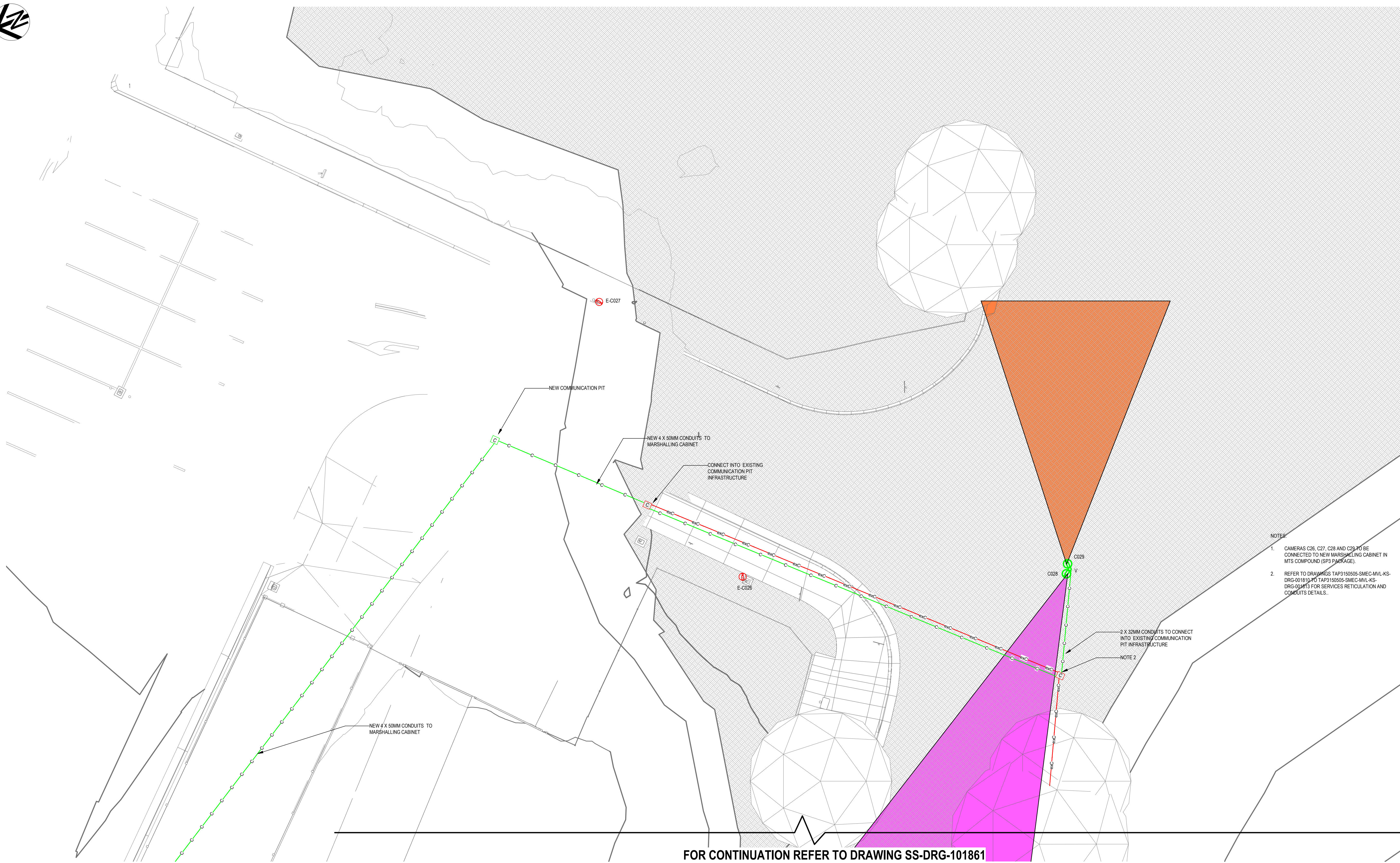
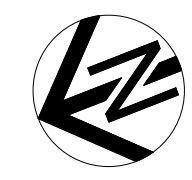
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FILE NAME: Aurbesck_Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-100001.rvt PLOT DATE & TIME: 25/01/2024 9:02:53 am PLOTTED BY:



- NOTES:
- CAMERAS C26, C27, C28 AND C29 TO BE CONNECTED TO NEW MARSHALLING CABINET IN MTS COMPOUND (SP3 PACKAGE).
 - REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.

FOR CONTINUATION REFER TO DRAWING SS-DRG-101861

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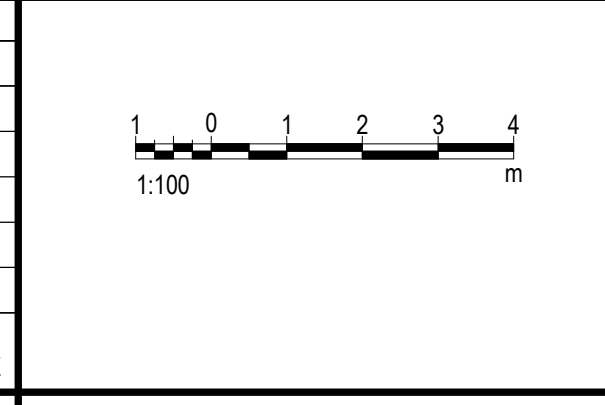
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MOSS VALE
MAIN SOUTH LINE 145.600km TO 145.860km
MOSS VALE STATION UPGRADE
SP1-SECURITY DESIGN
STREET LEVEL SECURITY LAYOUT SHEET 1

REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE
D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24
C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23
A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23

COORDINATE SYSTEM: GDA20 MGA Zone 56 HEIGHT DATUM: A.H.D



PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE

DRAWN	TRACEY WANG	10.11.2023
DESIGNED	CON SERBAN	10.11.2023
DRG CHECK	BARRY MARTIN	10.11.2023
DESIGN CHECK	BARRY MARTIN	10.11.2023
PROJ/DES MNGR	06.10.2023	10.11.2023
APPROVED	MARC ESTIMADA	10.11.2023

DEGNAN Member of the Stantec Group

SMEC
JHA
SECURITY

DRAWING SET No:	PART:	SHEET: 1 OF 4	A1
STATUS: ISSUED FOR S60 SUBMISSION			
DRG No:	REV	VER	EDMS No.
TAP3150505-SMEC-MVL-SS-DRG-101860	D	0	
AMD No.			

FILE NAME: A:\Desktop_Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-100011.rvt
PLOT DATE & TIME: 25/01/2024 9:02:59 am
Printed By:



FOR CONTINUATION REFER TO DRAWING SS-DRG-101860

REFER TO SP3/ MTS PACKAGE FROM SERVICES RETICULATION WITHIN THE MTS COMPOUND

NEW MARSHALLING CABINET No.1 FOR CCTV AND COMMUNICATION SERVICES

FOR CCTV CAMERA LAYOUT WITHIN THE MTS FENCED AREA. REFER TO MTS SP3 PACKAGE

NOTES:
1. REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.

FOR CONTINUATION REFER TO DRAWING SS-DRG-101862

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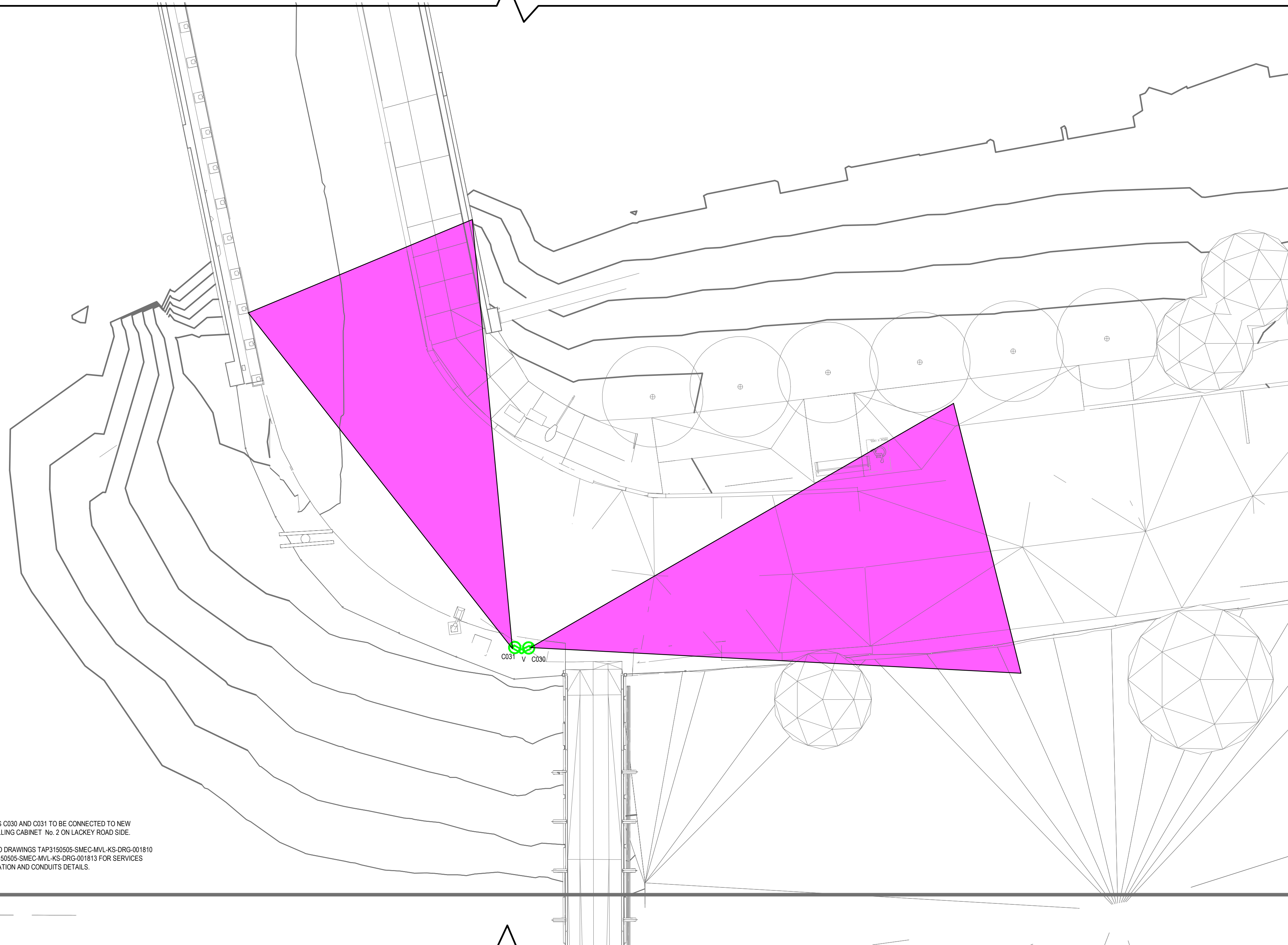
ISSUED FOR S60 SUBMISSION

REFERENCES: TAP3150505-SMEC-MVL-TE-M3D-000001	THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.			SCALE: 1 : 100	CLIENT: 	<small>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.</small>	MOSS VALE MAIN SOUTH LINE 145.600km TO 145.860km MOSS VALE STATION UPGRADE SP1-SECURITY DESIGN STREET LEVEL SECURITY LAYOUT SHEET 2																					
	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DESIGNER INITIAL/DATE</th> <th>VERIFIED INITIAL/DATE</th> <th>APPROVED INITIAL/DATE</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>RE-ISSUED FOR S60 SUBMISSION</td> <td>CS/19.01.24</td> <td>BM/19.01.24</td> <td>ME/19.01.24</td> </tr> <tr> <td>C</td> <td>ISSUED FOR S60 SUBMISSION</td> <td>CS/10.11.23</td> <td>BM/10.11.23</td> <td>ME/10.11.23</td> </tr> <tr> <td>B</td> <td>ISSUED FOR PRELIMINARY DESIGN REVIEW</td> <td>CS/06.10.23</td> <td>BM/06.10.23</td> <td>ME/06.10.23</td> </tr> <tr> <td>A</td> <td>ISSUED FOR SYSTEM DEFINITION REVIEW</td> <td>CS/04.08.23</td> <td>BM/04.08.23</td> <td>ME/04.08.23</td> </tr> </tbody> </table>	REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE			APPROVED INITIAL/DATE	D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24	C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23	B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23	A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23
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COORDINATE SYSTEM: GDA20 MGA Zone 56		HEIGHT DATUM: A.H.D		DESIGN LOT CODE:	DEGNAN SMEC JHA SECURITY	PLOTTED BY: _____																						

FILE NAME: A:\desk\Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-100001.rvt PLOT DATE & TIME: 25/01/2024 9:03:07 am



FOR CONTINUATION REFER TO DRAWING SS-DRG-101861



- NOTES:
1. CAMERAS C030 AND C031 TO BE CONNECTED TO NEW MARSHALLING CABINET No. 2 ON LACKEY ROAD SIDE.
 2. REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.

FOR CONTINUATION REFER TO DRAWING SS-DRG-101863

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REFERENCES:
TAP3150505-SMEC-MVL-TE-M3D-000001

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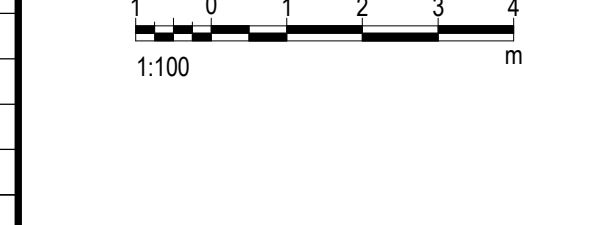
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MOSS VALE
MAIN SOUTH LINE 145.600km TO 145.860km
MOSS VALE STATION UPGRADE
SP1-SECURITY DESIGN
STREET LEVEL SECURITY LAYOUT SHEET 3

D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24
C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23
A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23
REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE

COORDINATE SYSTEM: GDA20 MGA Zone 56		HEIGHT DATUM: A.H.D	
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DESIGN LOT CODE:



PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE



DRAWN	TRACEY WANG	10.11.2023
DESIGNED	CON SERBAN	10.11.2023
DRG CHECK	BARRY MARTIN	10.11.2023
DESIGN CHECK	BARRY MARTIN	10.11.2023
PROJ/DES MNGR	06.10.2023	10.11.2023
APPROVED	MARC ESTIMADA	10.11.2023

DRAWING SET No:	PART:	SHEET: 3 OF 4	A1
STATUS: ISSUED FOR S60 SUBMISSION			
DRG No:	REV	VER	EDMS No.
TAP3150505-SMEC-MVL-SS-DRG-101862	D	0	

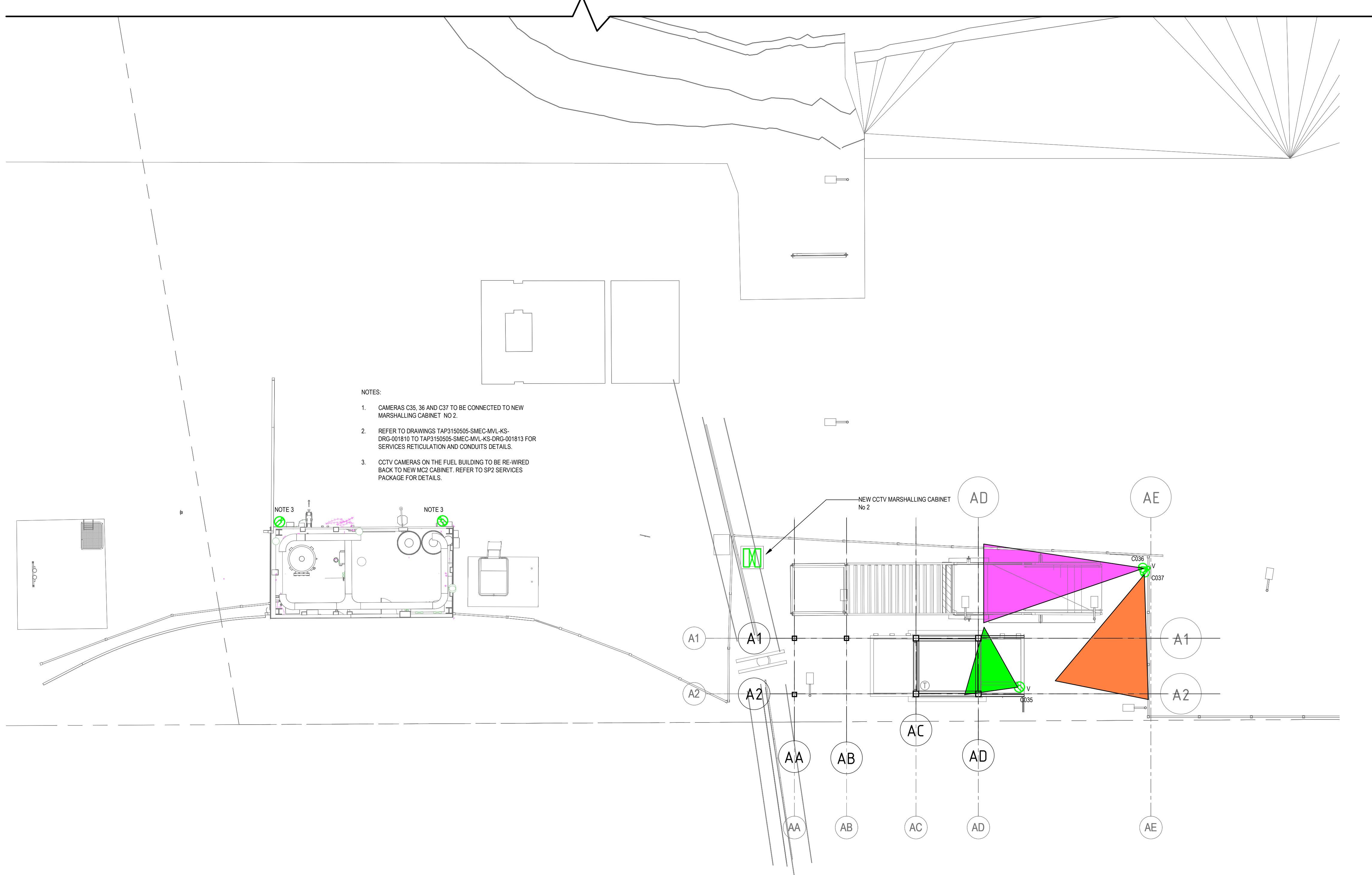
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PLOT DATE & TIME: 25/01/2024 9:03:16 am

Printed By



FOR CONTINUATION REFER TO DRAWING SS-DRG-101862



NOTES:

1. CAMERAS C35, 36 AND C37 TO BE CONNECTED TO NEW MARSHALLING CABINET NO 2.
2. REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.
3. CCTV CAMERAS ON THE FUEL BUILDING TO BE RE-WIRED BACK TO NEW MC2 CABINET. REFER TO SP2 SERVICES PACKAGE FOR DETAILS.

NOTE 3

NOTE 3

NEW CCTV MARSHALLING CABINET No 2

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REFERENCES:
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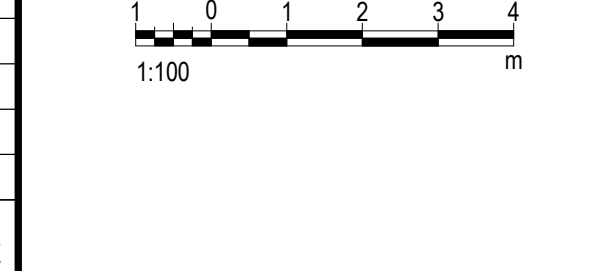
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MOSS VALE
MAIN SOUTH LINE 145.600km TO 145.860km
MOSS VALE STATION UPGRADE
SP1-SECURITY DESIGN
STREET LEVEL SECURITY LAYOUT SHEET 4

REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE
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C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
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A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23

COORDINATE SYSTEM: GDA20 MGA Zone 56				HEIGHT DATUM: A.H.D
DESIGN LOT CODE:				



PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE

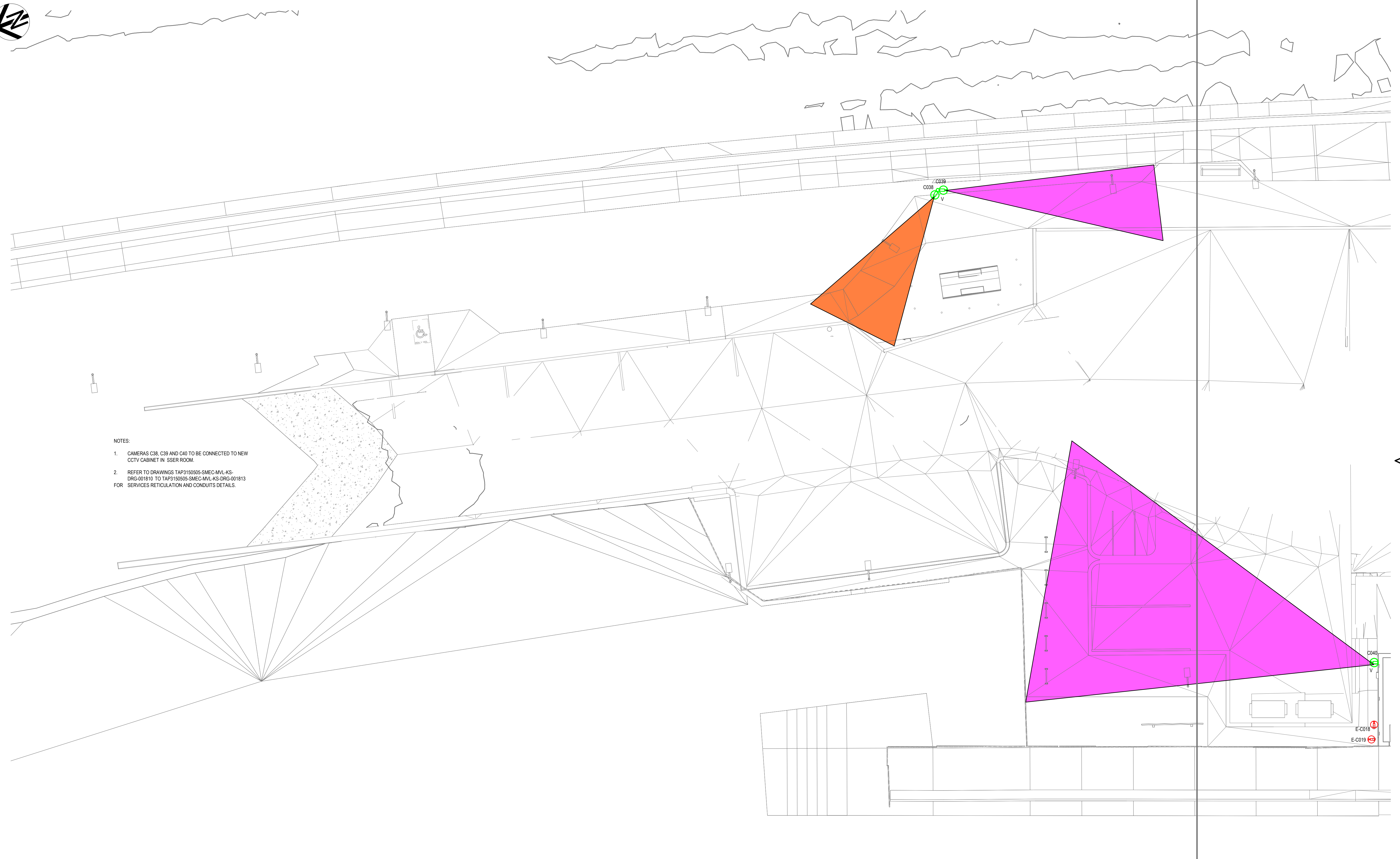
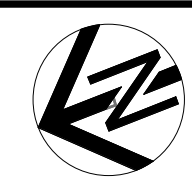
DRAWN	TRACEY WANG	10.11.2023
DESIGNED	CON SERBAN	10.11.2023
DRG CHECK	BARRY MARTIN	10.11.2023
DESIGN CHECK	BARRY MARTIN	10.11.2023
PROJ/DES MNGR	06.10.2023	10.11.2023
APPROVED	MARC ESTIMADA	10.11.2023

DRAWING SET No:	PART:	SHEET: 4 OF 4	A1
STATUS: ISSUED FOR S60 SUBMISSION			
DRG No:	REV	VER	EDMS No.
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FILE NAME: A:\Desktop_Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-100001.rvt

PLOT DATE & TIME: 25/01/2024 9:03:26 am

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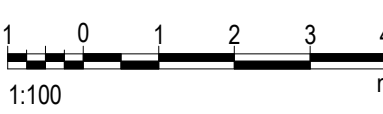


1. CAMERAS C38, C39 AND C40 TO BE CONNECTED TO NEW CCTV CABINET IN SSER ROOM.
2. REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.

FOR CONTINUATION REFER TO DRAWING TE-DRG-001865

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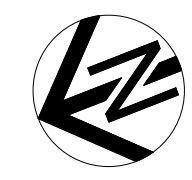
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COORDINATE SYSTEM: GDA20 MGA Zone 56 			HEIGHT DATUM: A.H.D	DESIGN LOT CODE:	PREPARED FOR: RAIL DELIVERY INFRASTRUCTURE DELIVERY INFRASTRUCTURE AND PLACE	SMEC JHA SECURITY	Printed By:																																																				

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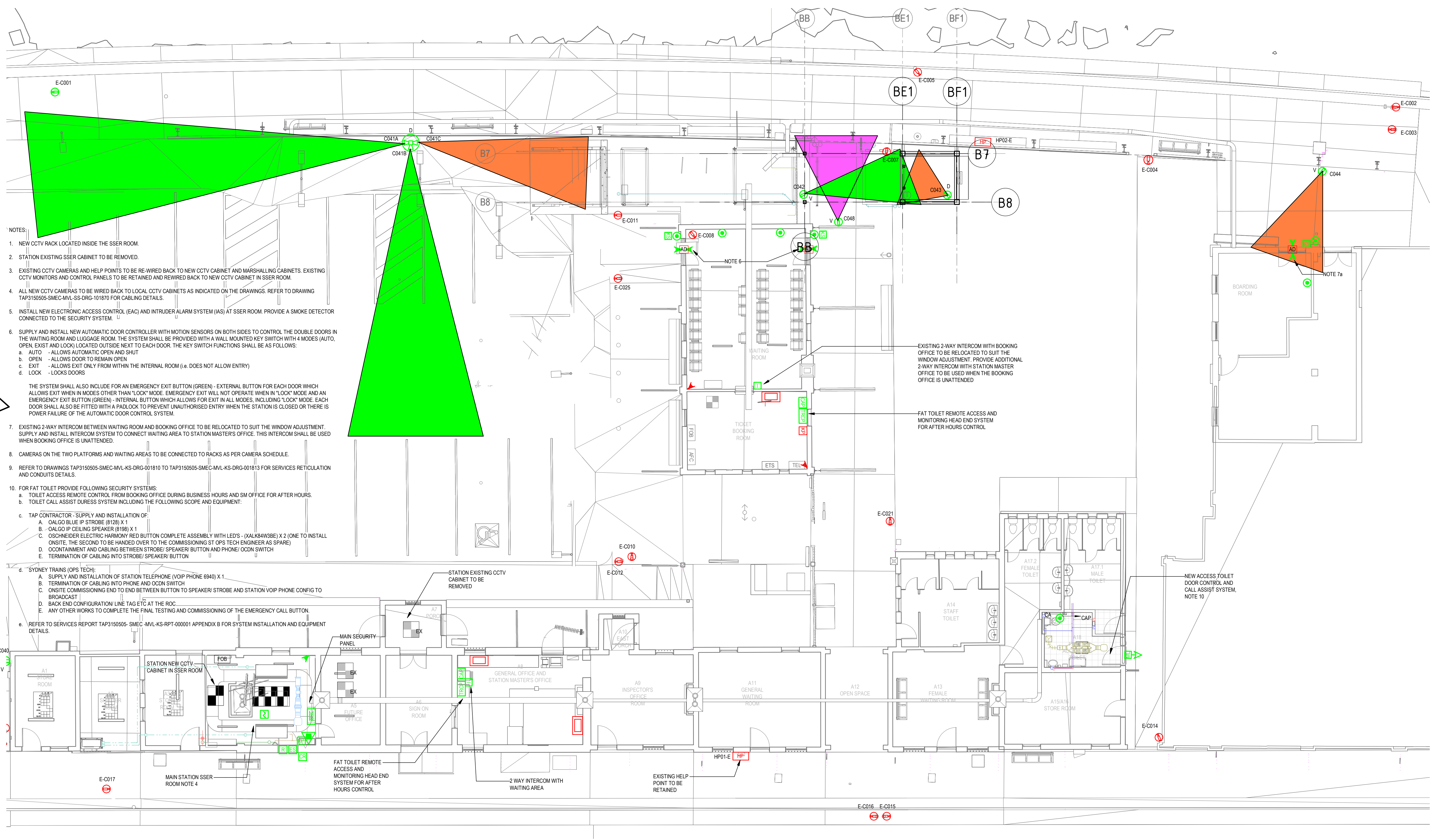
PLOT DATE & TIME: 25/01/2024 9:03:34 am



FOR CONTINUATION REFER TO DRAWING SS-DRG-101864

- NOTES:
- NEW CCTV RACK LOCATED INSIDE THE SSER ROOM.
 - STATION EXISTING SSER CABINET TO BE REMOVED.
 - EXISTING CCTV CAMERAS AND HELP POINTS TO BE RE-WIRED BACK TO NEW CCTV CABINET AND MARSHALLING CABINETS. EXISTING CCTV MONITORS AND CONTROL PANELS TO BE RETAINED AND REWIRED BACK TO NEW CCTV CABINET IN SSER ROOM.
 - ALL NEW CCTV CAMERAS TO BE WIRED BACK TO LOCAL CCTV CABINETS AS INDICATED ON THE DRAWINGS. REFER TO DRAWING TAP3150505-SMEC-MVL-SS-DRG-101870 FOR CABLING DETAILS.
 - INSTALL NEW ELECTRONIC ACCESS CONTROL (EAC) AND INTRUDER ALARM SYSTEM (IAS) AT SSER ROOM. PROVIDE A SMOKE DETECTOR CONNECTED TO THE SECURITY SYSTEM.
 - SUPPLY AND INSTALL NEW AUTOMATIC DOOR CONTROLLER WITH MOTION SENSORS ON BOTH SIDES TO CONTROL THE DOUBLE DOORS IN THE WAITING ROOM AND LUGGAGE ROOM. THE SYSTEM SHALL BE PROVIDED WITH A WALL MOUNTED KEY SWITCH WITH 4 MODES (AUTO, OPEN, EXIST AND LOCK) LOCATED OUTSIDE NEXT TO EACH DOOR. THE KEY SWITCH FUNCTIONS SHALL BE AS FOLLOWS:
 - AUTO - ALLOWS AUTOMATIC OPEN AND SHUT
 - OPEN - ALLOWS DOOR TO REMAIN OPEN
 - EXIT - ALLOWS EXIT ONLY FROM WITHIN THE INTERNAL ROOM (i.e. DOES NOT ALLOW ENTRY)
 - LOCK - LOCKS DOORS

THE SYSTEM SHALL ALSO INCLUDE FOR AN EMERGENCY EXIT BUTTON (GREEN) - EXTERNAL BUTTON FOR EACH DOOR WHICH ALLOWS EXIT WHEN IN MODES OTHER THAN "LOCK" MODE. EMERGENCY EXIT WILL NOT OPERATE WHEN IN "LOCK" MODE AND AN EMERGENCY EXIT BUTTON (GREEN) - INTERNAL BUTTON WHICH ALLOWS FOR EXIT IN ALL MODES, INCLUDING "LOCK" MODE. EACH DOOR SHALL ALSO BE FITTED WITH A PADLOCK TO PREVENT UNAUTHORISED ENTRY WHEN THE STATION IS CLOSED OR THERE IS POWER FAILURE OF THE AUTOMATIC DOOR CONTROL SYSTEM.
 - EXISTING 2-WAY INTERCOM BETWEEN WAITING ROOM AND BOOKING OFFICE TO BE RELOCATED TO SUIT THE WINDOW ADJUSTMENT. SUPPLY AND INSTALL INTERCOM SYSTEM TO CONNECT WAITING AREA TO STATION MASTERS' OFFICE. THIS INTERCOM SHALL BE USED WHEN BOOKING OFFICE IS UNATTENDED.
 - CAMERAS ON THE TWO PLATFORMS AND WAITING AREAS TO BE CONNECTED TO RACKS AS PER CAMERA SCHEDULE.
 - REFER TO DRAWINGS TAP3150505-SMEC-MVL-SS-DRG-001810 TO TAP3150505-SMEC-MVL-SS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.
 - FOR FAT TOILET PROVIDE FOLLOWING SECURITY SYSTEMS:
 - TOILET ACCESS REMOTE CONTROL FROM BOOKING OFFICE DURING BUSINESS HOURS AND SM OFFICE FOR AFTER HOURS.
 - TOILET CALL ASSIST DURESS SYSTEM INCLUDING THE FOLLOWING SCOPE AND EQUIPMENT:
 - TAP CONTRACTOR - SUPPLY AND INSTALLATION OF:
 - 0ALGO BLUE IP STROBE (8128) X 1
 - 0ALGO IP CEILING SPEAKER (8198) X 1
 - OSCHNEIDER ELECTRIC HARMONY RED BUTTON COMPLETE ASSEMBLY WITH LED'S - (XALK84V3BE) X 2 (ONE TO INSTALL ON SITE. THE SECOND TO BE HANDED OVER TO THE COMMISSIONING ST OPS TECH ENGINEER AS SPARE)
 - CONTAINMENT AND CABLING BETWEEN STROBE/SPEAKER/ BUTTON AND PHONE/ OCN SWITCH
 - TERMINATION OF CABLING INTO STROBE/ SPEAKER/ BUTTON
 - SYDNEY TRAINS (OPS TECH):
 - SUPPLY AND INSTALLATION OF STATION TELEPHONE (VOIP PHONE 6940) X 1
 - TERMINATION OF CABLING INTO PHONE AND OCN SWITCH
 - ONSITE COMMISSIONING END TO END BETWEEN BUTTON TO SPEAKER/ STROBE AND STATION VOIP PHONE CONFIG TO BROADCAST
 - BACK END CONFIGURATION LINE TAG ETC AT THE ROC
 - ANY OTHER WORKS TO COMPLETE THE FINAL TESTING AND COMMISSIONING OF THE EMERGENCY CALL BUTTON
 - REFER TO SERVICES REPORT TAP3150505-SMEC-MVL-SS-RPT-00001 APPENDIX B FOR SYSTEM INSTALLATION AND EQUIPMENT DETAILS.



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REFERENCES:
TAP3150505-SMEC-MVL-TE-M3D-000001

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SCALE: 1 : 100

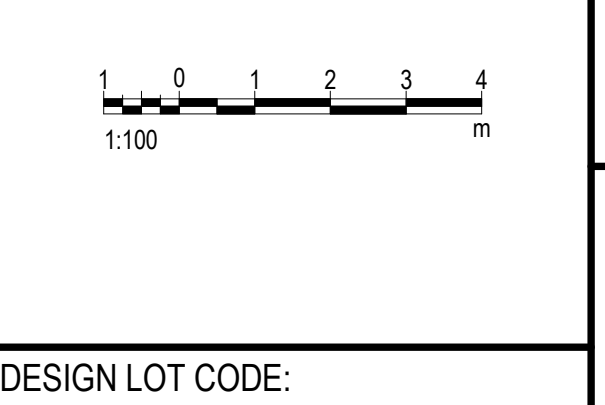
CLIENT: Transport for NSW

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MOSS VALE
MAIN SOUTH LINE 145.600km TO 145.860km
MOSS VALE STATION UPGRADE
SP1-SECURITY DESIGN
PLATFORM SECURITY LAYOUT SHEET 2

REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE
D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24
C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23
A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23

REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE
D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24
C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
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A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23



PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE

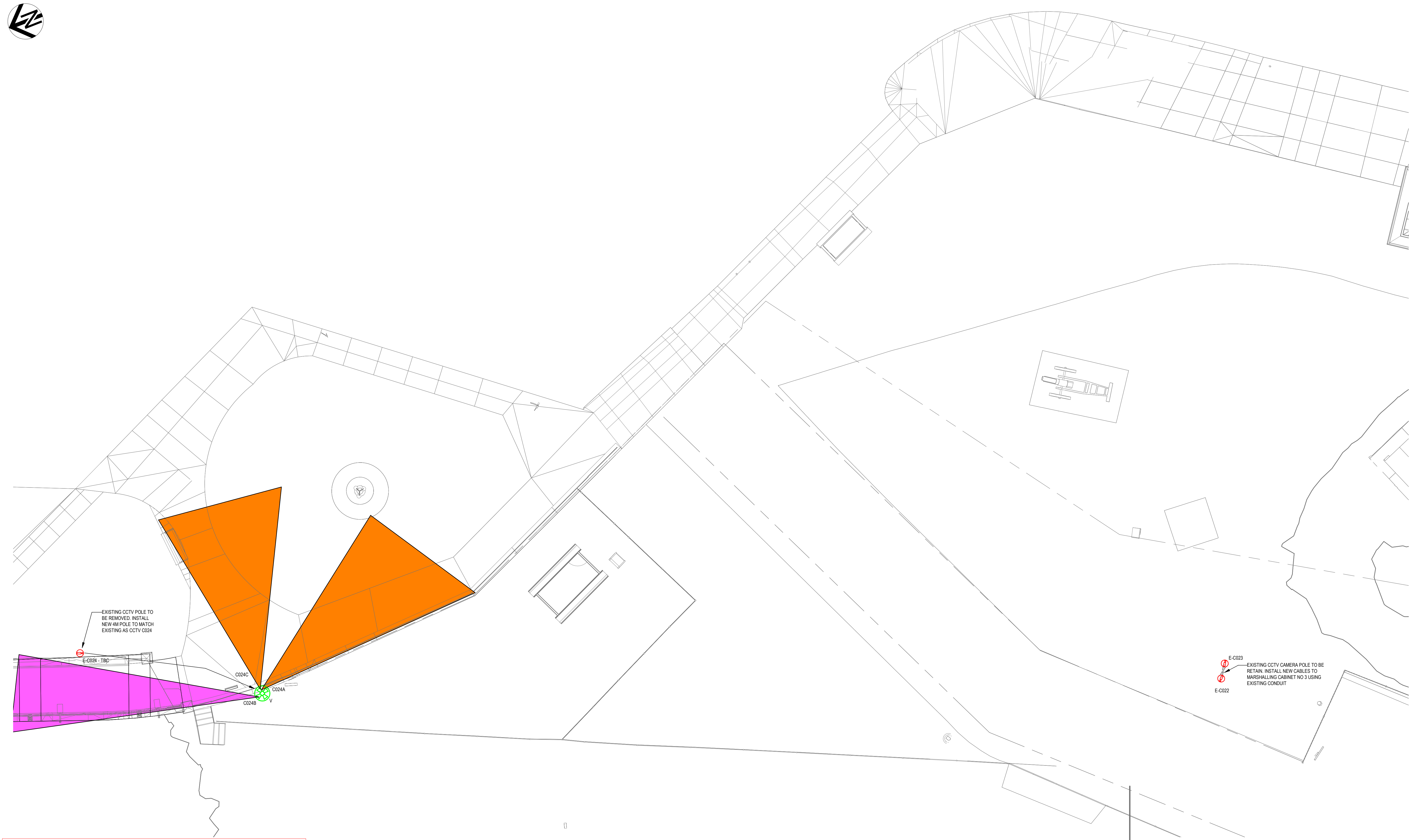
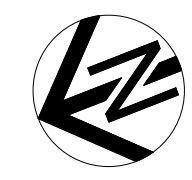
DRG No:	REV	VER	EDMS No.	AMD No.
TAP3150505-SMEC-MVL-SS-DRG-101865	D	0		

DRAWN: TRACEY WANG
DESIGNED: CON SERBAN
DRG CHECK: BARRY MARTIN
DESIGN CHECK: BARRY MARTIN
PROJ/DES MNGR: 06.10.2023
APPROVED: MARC ESTIMADA

DRAWING SET No:	PART:	SHEET:	OF:	2	2	A1
		2	2			

STATUS: ISSUED FOR S60 SUBMISSION

FILE NAME: A:\back\Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-10001.rvt
PLOT DATE & TIME: 25/01/2024 9:03:42 am
Printed by:



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REFERENCES:
TAP3150505-SMEC-MVL-TE-M3D-000001

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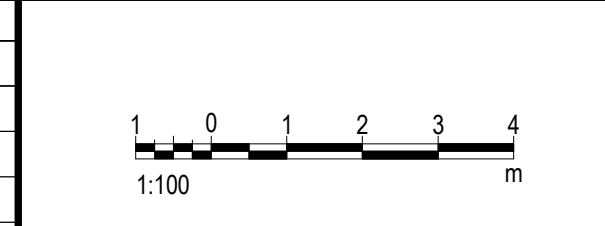
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MOSS VALE
MAIN SOUTH LINE 145.600km TO 145.860km
MOSS VALE STATION UPGRADE
SP1-SECURITY DESIGN
STREET LEVEL SECURITY LAYOUT SHEET 5

REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE
D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24
C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23
A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23



PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE

DRAWN	TRACEY WANG	10.11.2023
DESIGNED	CON SERBAN	10.11.2023
DRG CHECK	BARRY MARTIN	10.11.2023
DESIGN CHECK	BARRY MARTIN	10.11.2023
PROJ/DES MNGR	06.10.2023	10.11.2023
APPROVED	MARC ESTIMADA	10.11.2023

DEGNAN SMEC
Member of the Surland Group
SMEC
JHA
SECURITY

DRAWING SET No:	PART:	SHEET: 5 OF 5	A1
STATUS: ISSUED FOR S60 SUBMISSION			
DRG No:	REV	VER	EDMS No.
TAP3150505-SMEC-MVL-SS-DRG-101866	D	0	
AMD No.			

COORDINATE SYSTEM: GDA20 MGA Zone 56

HEIGHT DATUM: A.H.D

DESIGN LOT CODE:

FILE NAME: A:\Subdesk\Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-AMD-10001.rvt
PLOT DATE & TIME: 25/01/2024 9:03:48 am
Printed By:



NOTES:

1. CAMERAS C030 AND C031 TO BE CONNECTED TO NEW MARSHALLING CABINET No. 2 ON LACKEY ROAD SIDE.
2. REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.

NEW CCTV MARSHALLING CABINET No. 2 LOCATED UNDER STAIRS.

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ISSUED FOR S60 SUBMISSION

REFERENCES:
TAP3150505-SMEC-MVL-TE-M3D-000001

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SCALE: 1 : 100

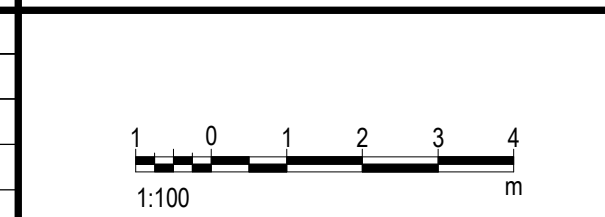
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MOSS VALE
MAIN SOUTH LINE 145.600km TO 145.860km
MOSS VALE STATION UPGRADE
SP1-SECURITY DESIGN
FOOTBRIDGE SECURITY LAYOUT SHEET 1

REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE
D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24
C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23
B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23
A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23

COORDINATE SYSTEM: GDA20 MGA Zone 56 HEIGHT DATUM: A.H.D



PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE

DRAWN	TRACEY WANG	10.11.2023
DESIGNED	CON SERBAN	10.11.2023
DRG CHECK	BARRY MARTIN	10.11.2023
DESIGN CHECK	BARRY MARTIN	10.11.2023
PROJ/DES MNGR	06.10.2023	10.11.2023
APPROVED	MARC ESTIMADA	10.11.2023

DEGNAN Member of the Surlana Group

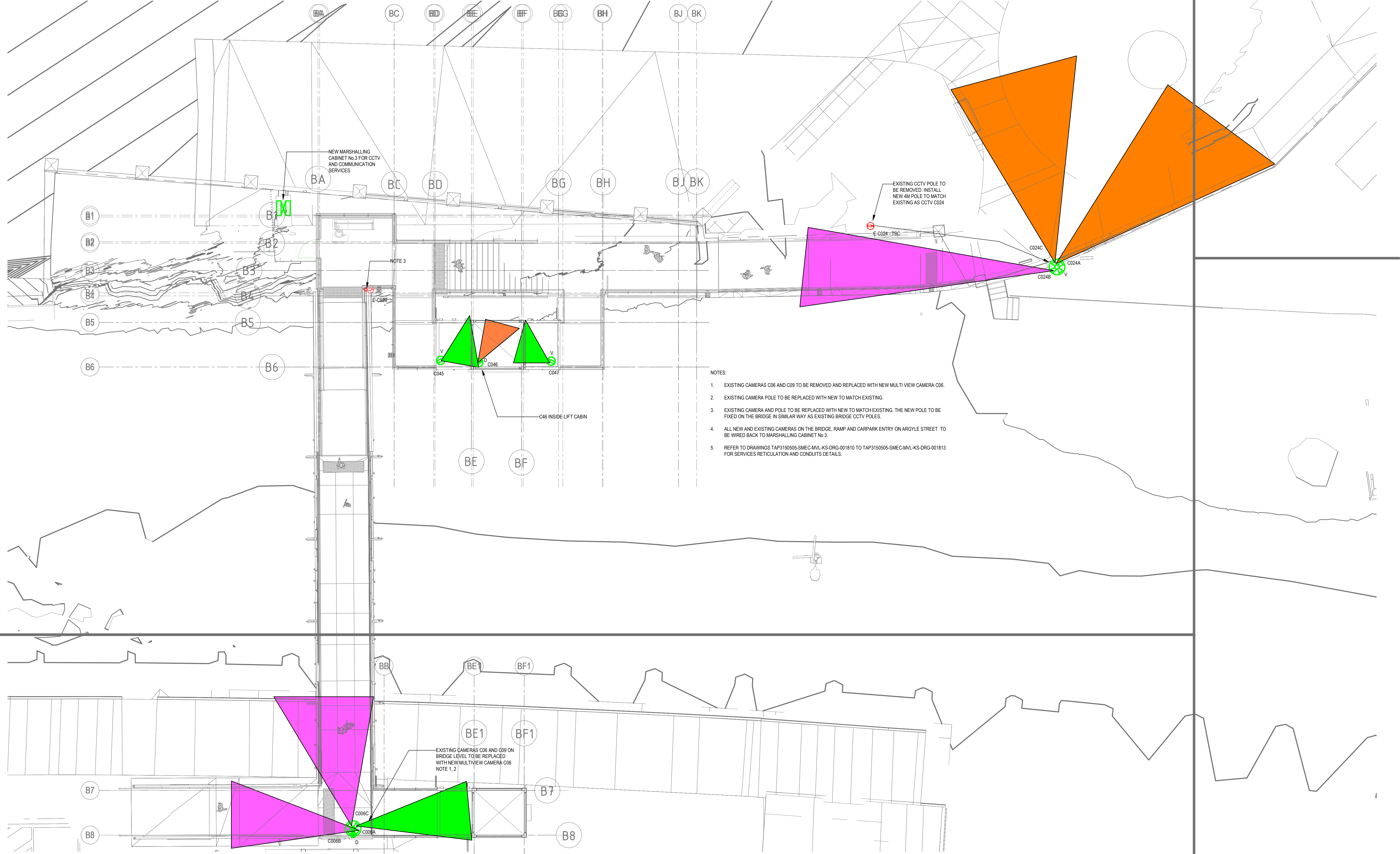
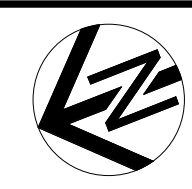
SMEC
JHA
SECURITY

DRAWING SET No:	PART:	SHEET: 1 OF 2 A1
STATUS: ISSUED FOR S60 SUBMISSION	REV	VER
DRG No: TAP3150505-SMEC-MVL-SS-DRG-101867	D	0
EDMS No.	AMD No.	

FILE NAME: Aurbesh\Docs\Moss Vale TAP and Stabling\TAP3150505-SMEC-MVL-SS-M3D-100001.rvt

PLOT DATE & TIME: 25/01/2024 9:04:05 am

Printed By



- NOTES:
- EXISTING CAMERAS C06 AND C09 TO BE REMOVED AND REPLACED WITH NEW MULTI VIEW CAMERA C06.
 - EXISTING CAMERA POLE TO BE REPLACED WITH NEW TO MATCH EXISTING.
 - EXISTING CAMERA AND POLE TO BE REPLACED WITH NEW TO MATCH EXISTING. THE NEW POLE TO BE FIXED ON THE BRIDGE IN SIMILAR WAY AS EXISTING BRIDGE CCTV POLES.
 - ALL NEW AND EXISTING CAMERAS ON THE BRIDGE, RAMP AND CARPARK ENTRY ON ARGYLE STREET TO BE WIRED BACK TO MARSHALLING CABINET No. 3.
 - REFER TO DRAWINGS TAP3150505-SMEC-MVL-KS-DRG-001810 TO TAP3150505-SMEC-MVL-KS-DRG-001813 FOR SERVICES RETICULATION AND CONDUITS DETAILS.

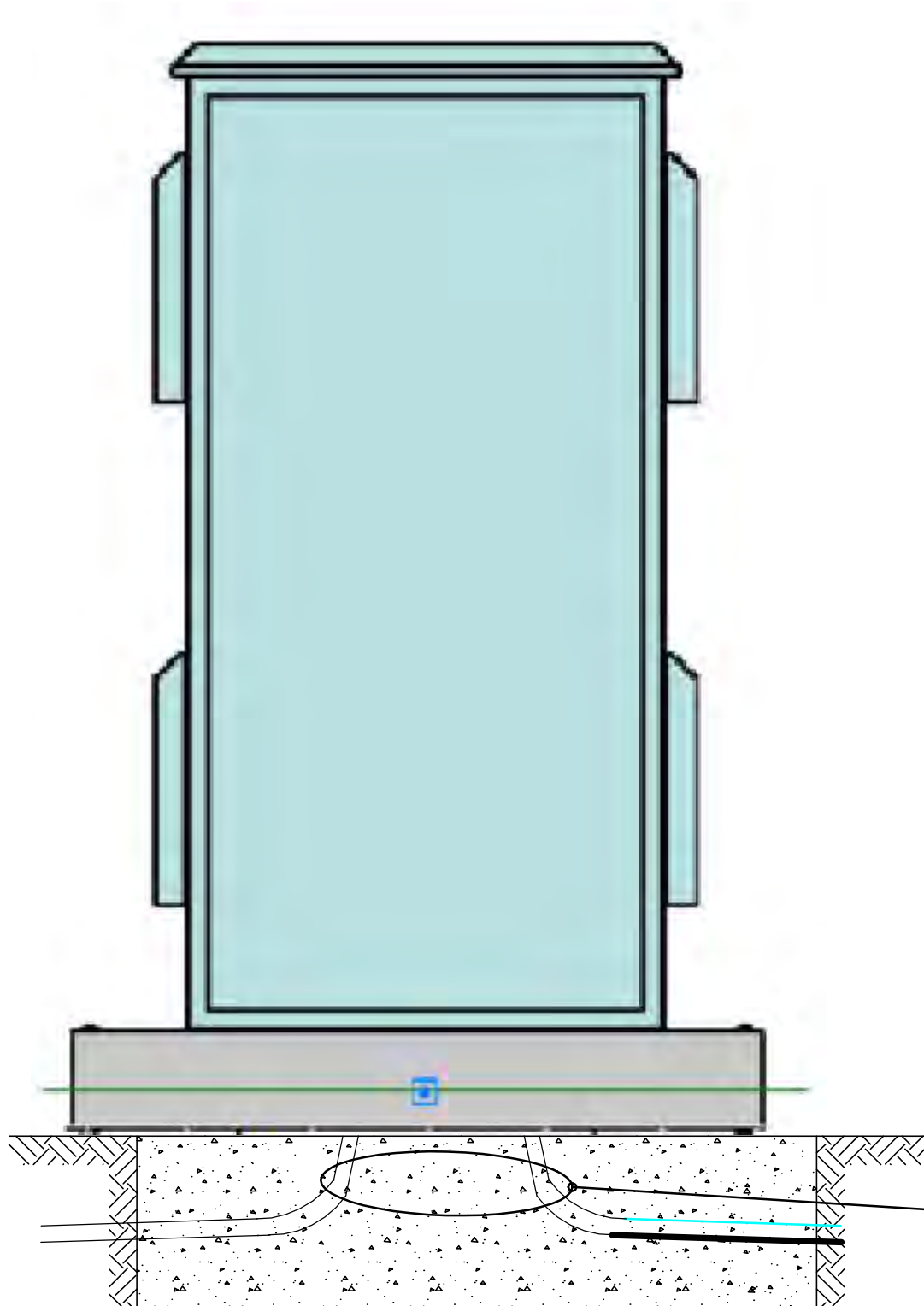
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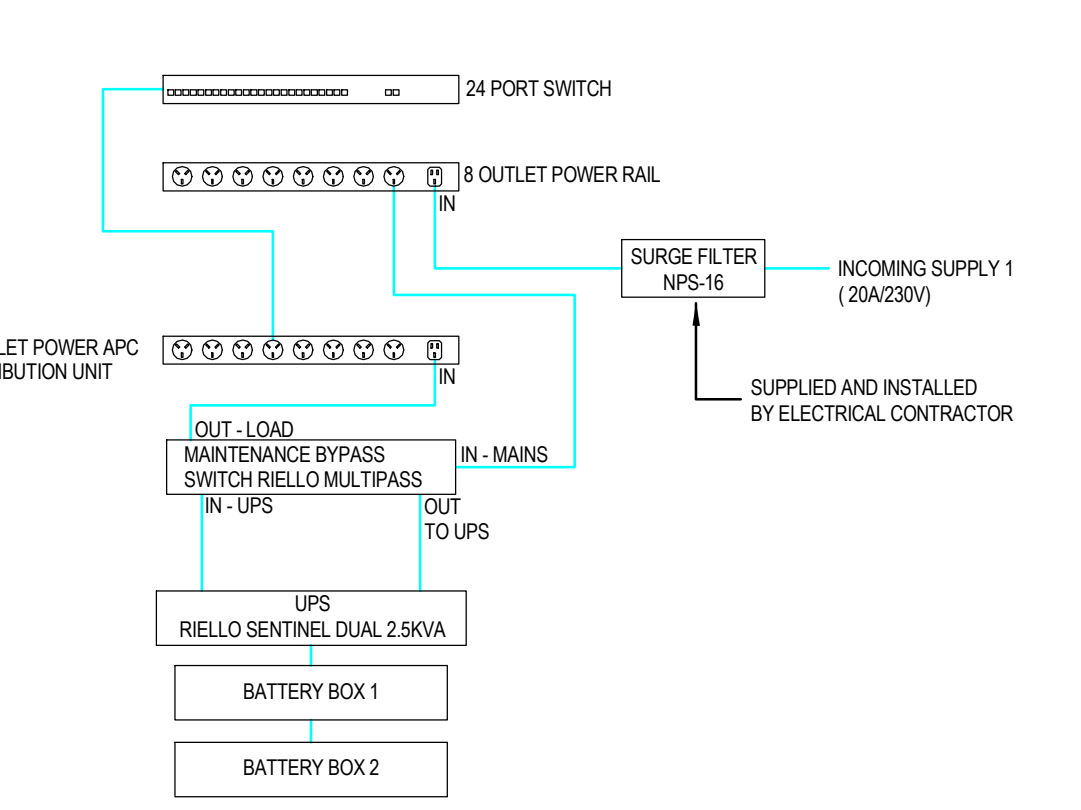
ISSUED FOR S60 SUBMISSION

REFERENCES: TAP3150505-SMEC-MVL-TE-M3D-000001	THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.			SCALE: 1 : 100	CLIENT: 	<small>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.</small>	MOSS VALE MAIN SOUTH LINE 145.600km TO 145.860km MOSS VALE STATION UPGRADE SP1-SECURITY DESIGN FOOTBRIDGE SECURITY LAYOUT SHEET 2																					
	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DESIGNER INITIAL/DATE</th> <th>VERIFIED INITIAL/DATE</th> <th>APPROVED INITIAL/DATE</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>RE-ISSUED FOR S60 SUBMISSION</td> <td>CS/19.01.24</td> <td>BM/19.01.24</td> <td>ME/19.01.24</td> </tr> <tr> <td>C</td> <td>ISSUED FOR S60 SUBMISSION</td> <td>CS/10.11.23</td> <td>BM/10.11.23</td> <td>ME/10.11.23</td> </tr> <tr> <td>B</td> <td>ISSUED FOR PRELIMINARY DESIGN REVIEW</td> <td>CS/06.10.23</td> <td>BM/06.10.23</td> <td>ME/06.10.23</td> </tr> <tr> <td>A</td> <td>ISSUED FOR SYSTEM DEFINITION REVIEW</td> <td>CS/04.08.23</td> <td>BM/04.08.23</td> <td>ME/04.08.23</td> </tr> </tbody> </table>	REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE			APPROVED INITIAL/DATE	D	RE-ISSUED FOR S60 SUBMISSION	CS/19.01.24	BM/19.01.24	ME/19.01.24	C	ISSUED FOR S60 SUBMISSION	CS/10.11.23	BM/10.11.23	ME/10.11.23	B	ISSUED FOR PRELIMINARY DESIGN REVIEW	CS/06.10.23	BM/06.10.23	ME/06.10.23	A	ISSUED FOR SYSTEM DEFINITION REVIEW	CS/04.08.23	BM/04.08.23	ME/04.08.23
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COORDINATE SYSTEM: GDA20 MGA Zone 56	HEIGHT DATUM: A.H.D	DESIGN LOT CODE:	PREPARED FOR: RAIL DELIVERY INFRASTRUCTURE DELIVERY INFRASTRUCTURE AND PLACE		DEGNAN SMEC JHA SECURITY	PLOTTED BY: _____																						

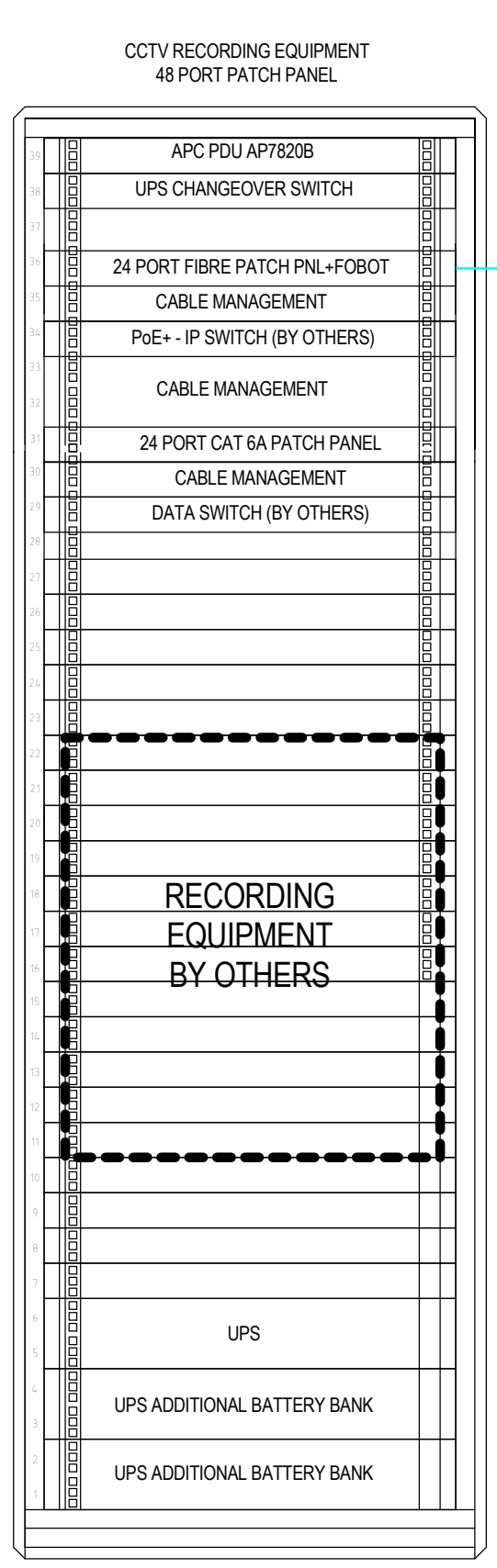
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 PLOT DATE & TIME: 25/01/2024 9:04:24 am



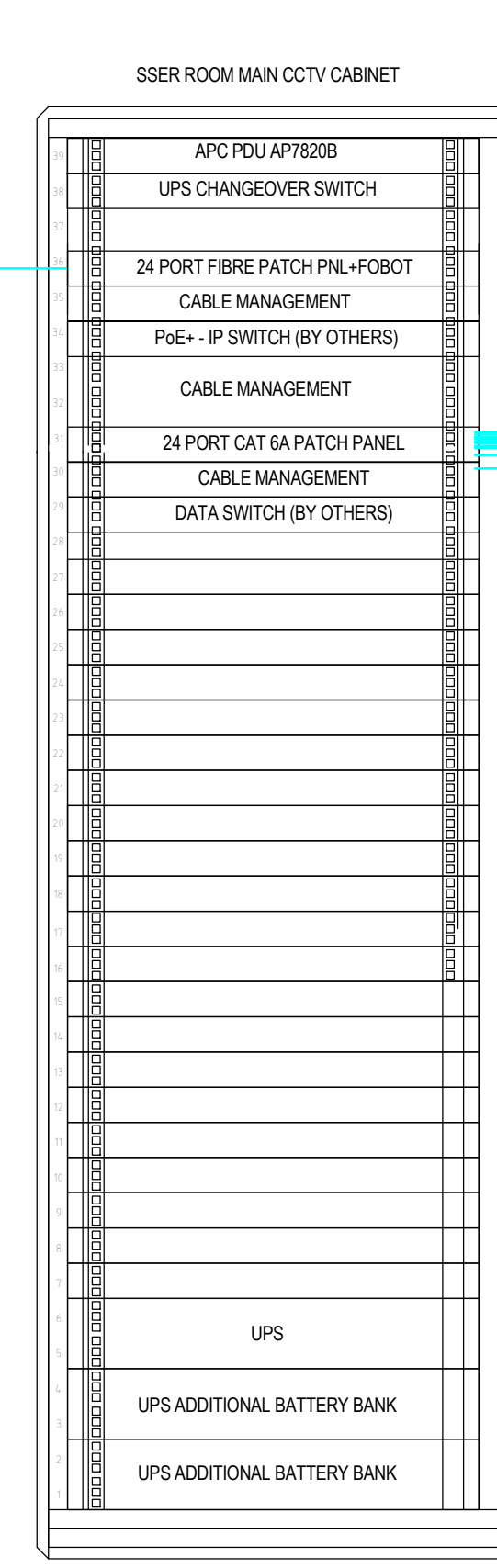
30RU CCTV MARSHALING CABINET FOOTING DETAILS DIAGRAM



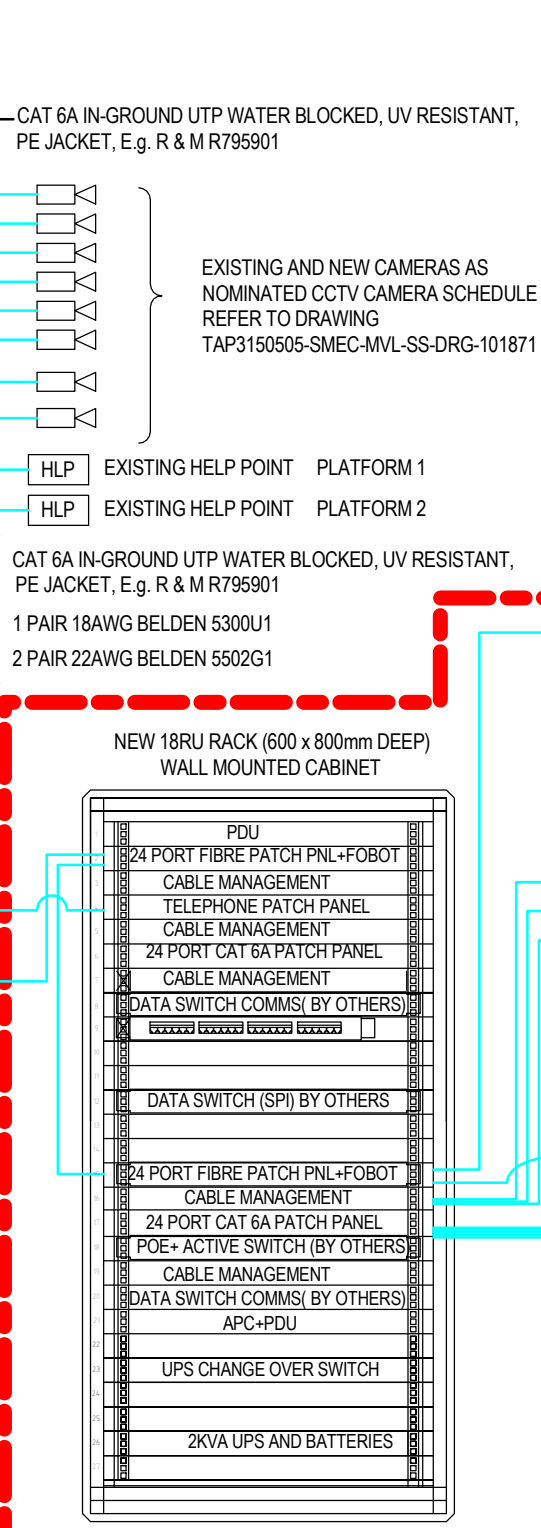
TYPICAL CCTV RACK POWER SUPPLY ARRANGEMENT



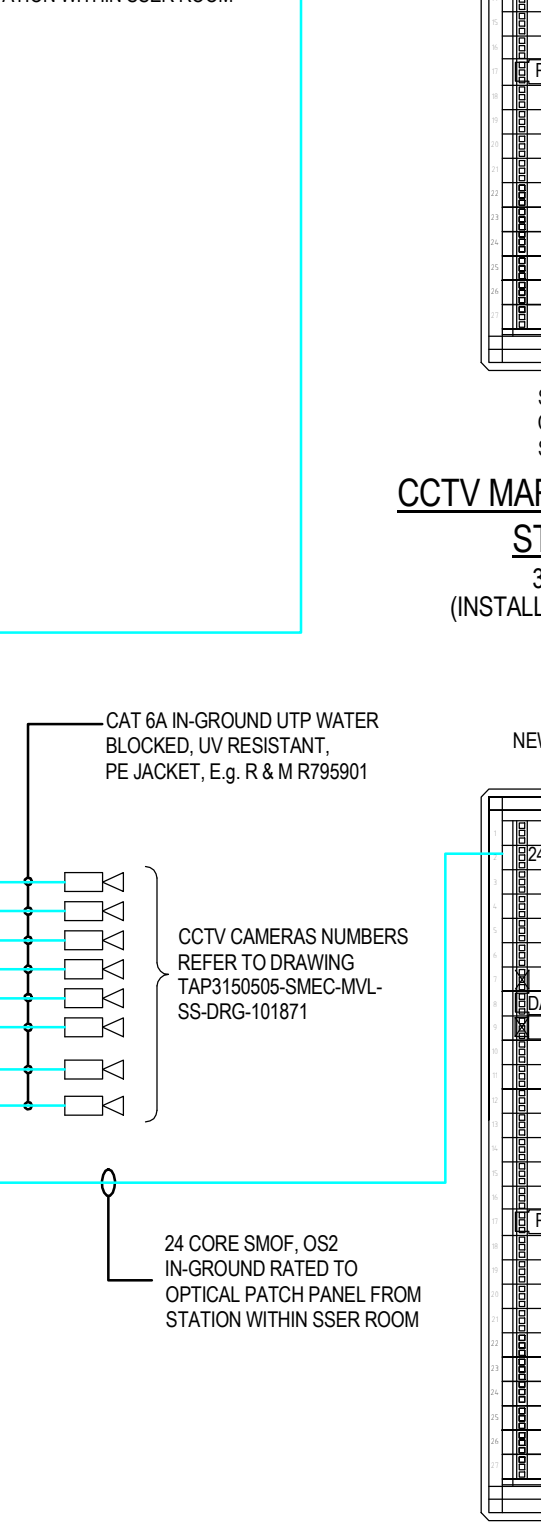
CCTV RACK No. 4
42RU - 1000 x 800mm



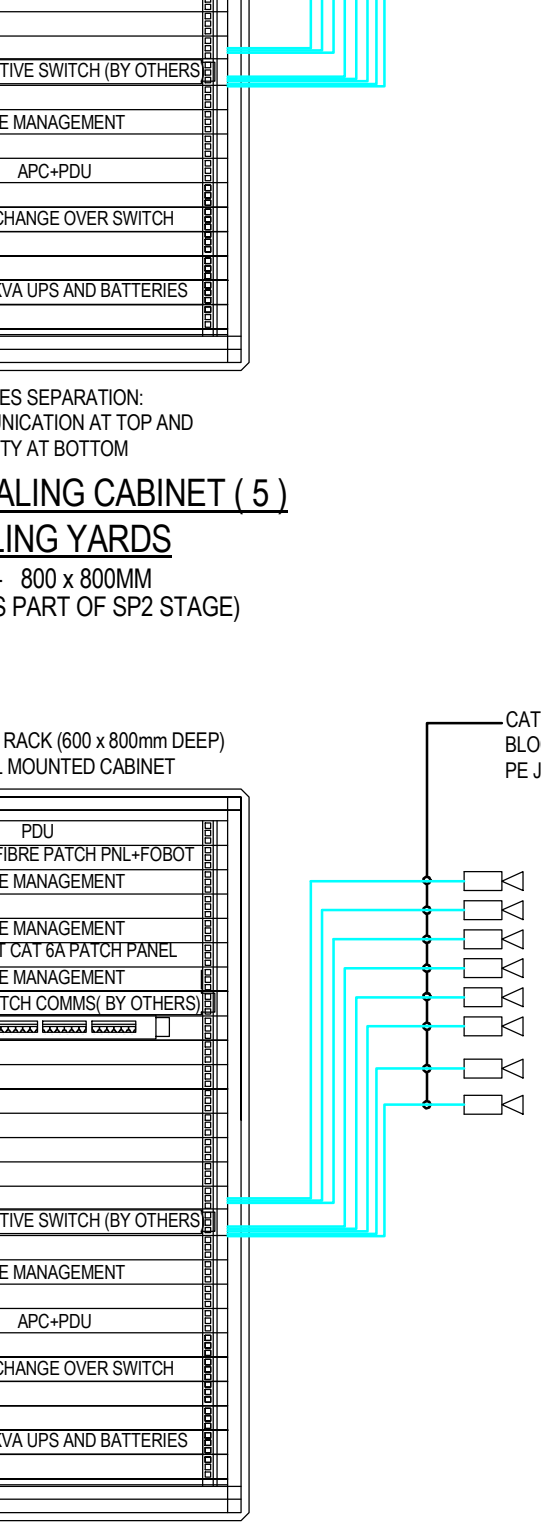
CCTV RACK
42RU - 1000 x 800mm



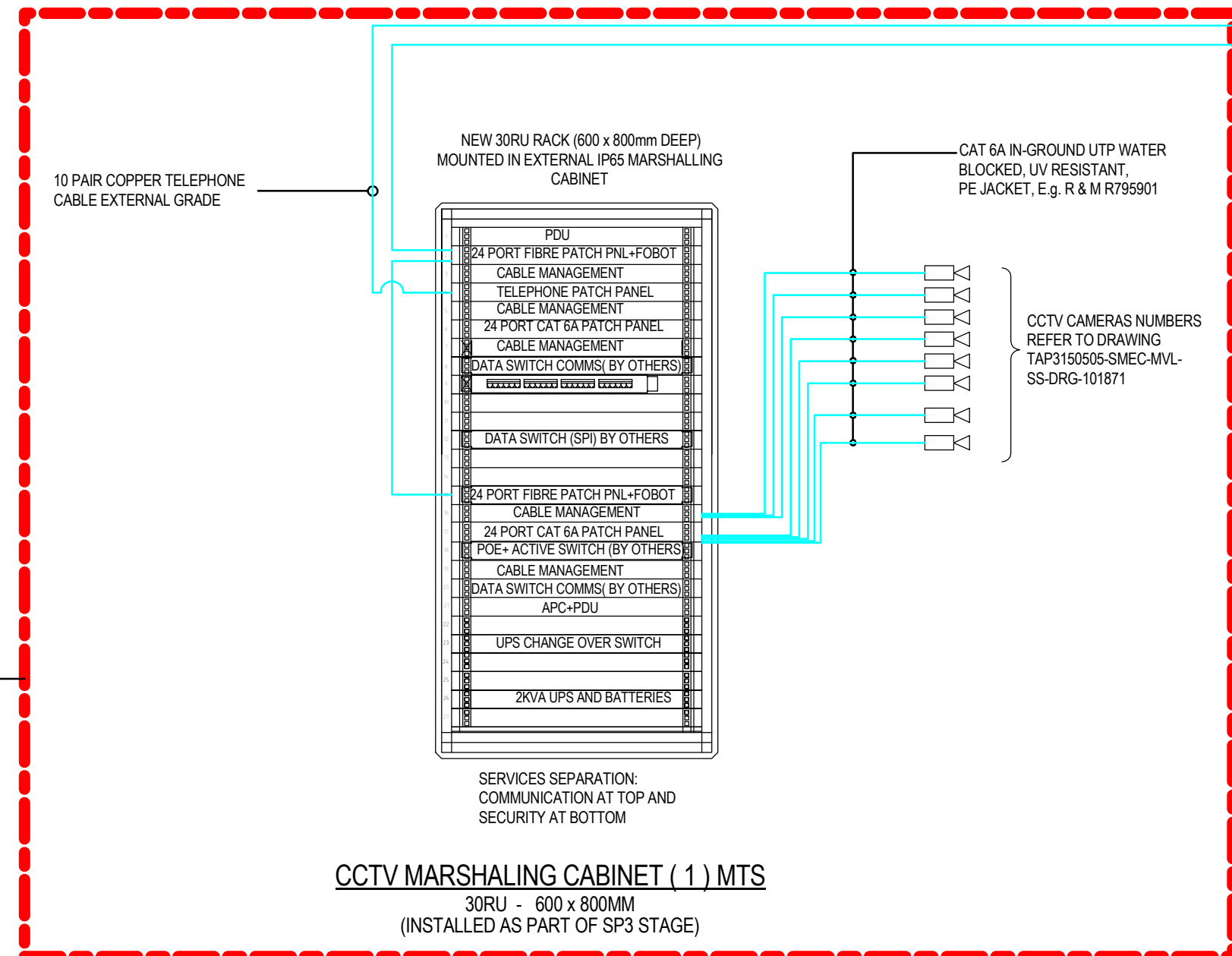
CCTV MARSHALING CABINET (4)
STABLING YARDS
30RU - 600 x 800MM
(INSTALLED AS PART OF SP2 STAGE)



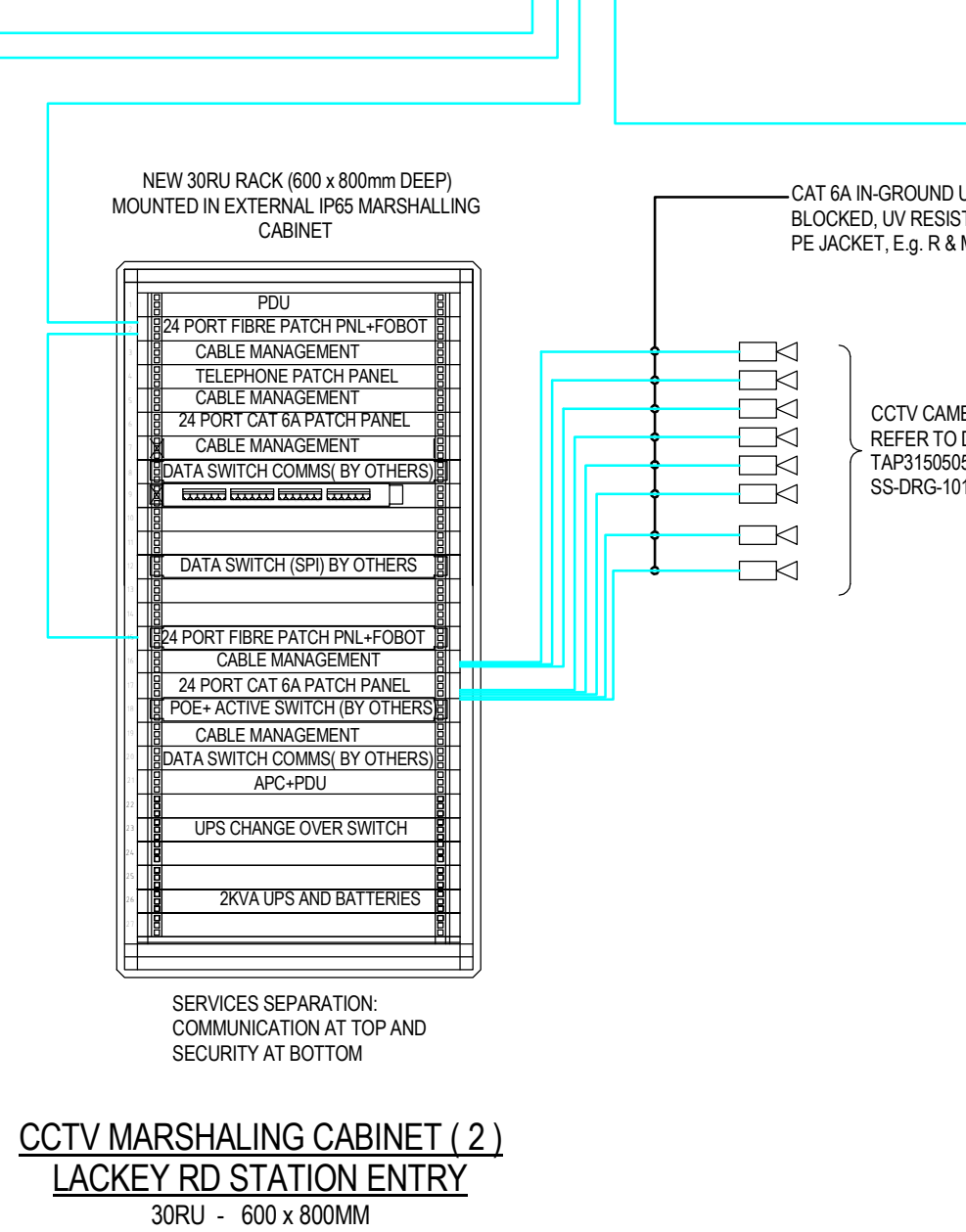
CCTV MARSHALING CABINET (5)
STABLING YARDS
30RU - 800 x 800MM
(INSTALLED AS PART OF SP2 STAGE)



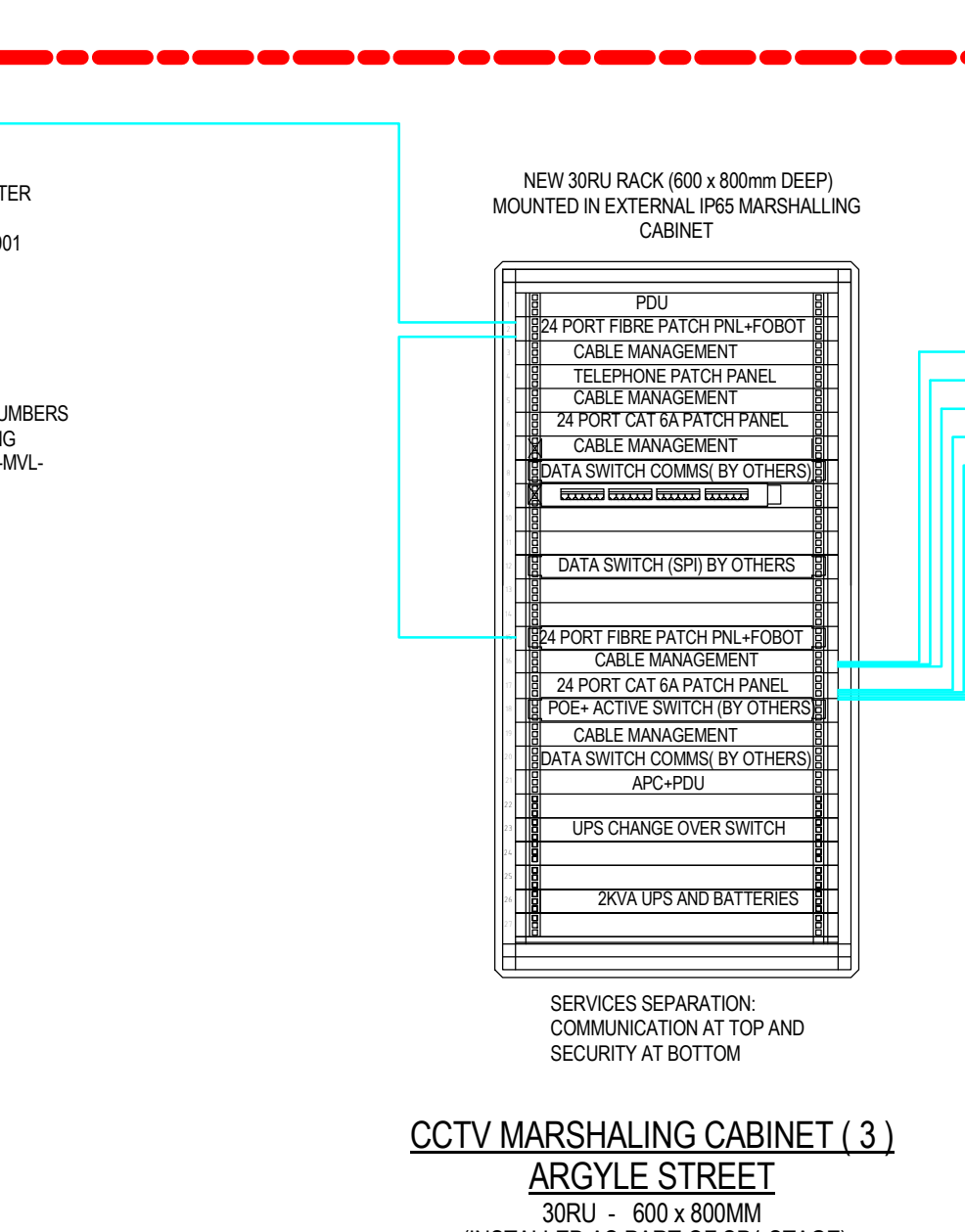
CCTV MARSHALING CABINET (6)
STABLING YARDS
30RU - 800 x 800MM
(INSTALLED AS PART OF SP2 STAGE)



CCTV MARSHALING CABINET (1) MTS
30RU - 600 x 800MM
(INSTALLED AS PART OF SP3 STAGE)



CCTV MARSHALING CABINET (2)
LACKY RD STATION ENTRY
30RU - 600 x 800MM
(INSTALLED AS PART OF SP1 STAGE)



CCTV MARSHALING CABINET (3)
ARGYLE STREET
30RU - 600 x 800MM
(INSTALLED AS PART OF SP1 STAGE)

NOTES:
1. ALL EXISTING CCTV CAMERAS AND HELP POINTS TO BE REWIRED BACK TO THE CCTV RACK IN SSER ROOM. ALL NEW CCTV CAMERAS TO BE CONNECTED TO NEW CCTV RACK IN SSER ROOM. EITHER DIRECTLY OR VIA REMOTE MARSHALLING CABINETS.

EQUIPMENT AND BACKBONE INFRASTRUCTURE INSTALLED UNDER SP3 PACKAGE

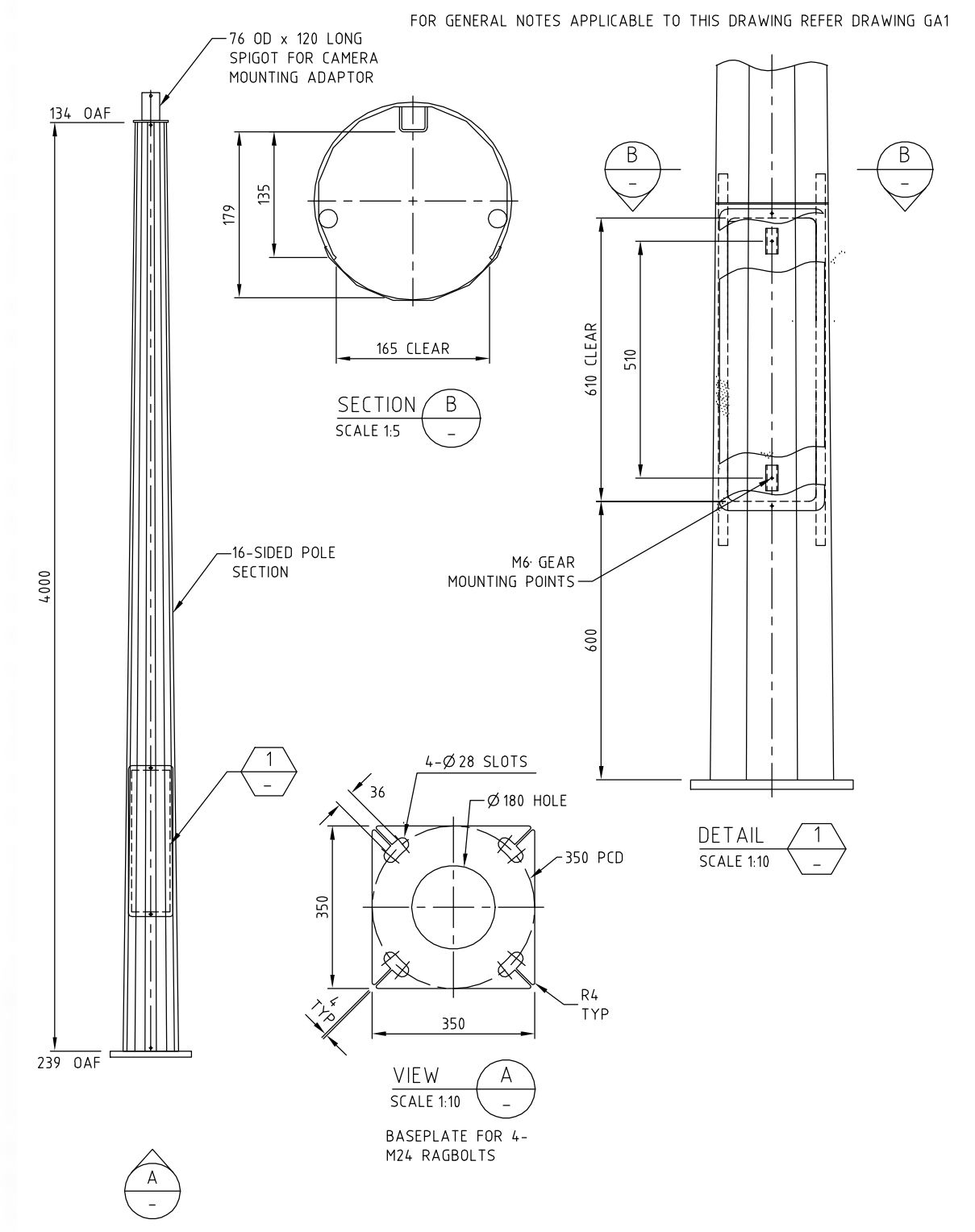
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CCTV SYSTEM RETICULATION DIAGRAM

ISSUED FOR S60 SUBMISSION

REFERENCES: TAP3150505-SMEC-MVL-TE-M3D-000001	THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED.	SCALE: N:TS	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.	MOSS VALE MAIN SOUTH LINE 145.600km TO 145.860km MOSS VALE STATION UPGRADE SP1-SECURITY DESIGN SECURITY SCHEMATIC AND DETAILS																																																								
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SP1 MTS - CCTV CAMERA SCHEDULE														
CAMERA ID	NEW/EXISTING	TYPE	MOUNTING DETAIL	LOCATION	RACK CONNECTION	COVERAGE AREA	FIELD OF VIEW	DISTANCE TO TARGET	OBJECT	MOUNTING HEIGHT	CAMERA RESOLUTION	PIXELS AT TARGET	RECORDING FREQUENCY	COMMENTS
C01	EXISTING	FIXED	AWNING	PLATFORM 2	MC3	CITY END PLATFORM								CONNECTED TO SSER
C02	EXISTING	FIXED	POLE	PLATFORM 2	MC3	CENTRAL PLATFORM								CONNECTED TO SSER
C03	EXISTING	FIXED	POLE	PLATFORM 2	MC3	COUNTRY END								CONNECTED TO SSER
C04	EXISTING	FIXED	POLE	INTERNAL CORRIDOR PLATFORM 2	SSER	CORRIDOR								CONNECTED TO SSER
C05	EXISTING	FIXED	AWNING	PLATFORM 2	SSER	HELP POINT								CONNECTED TO SSER
C06A	EXISTING/REPLACED	FIXED	POLE	BRIDGE	MC3		PD	4.0	PERSON	4.0	1.3	120.0	MEDIUM	CONNECTED TO MC 3
C06B	EXISTING/REPLACED	FIXED	POLE	BRIDGE	MC3		AO	10.0	PERSON	4.0	1.3	30.0	HIGH	CONNECTED TO MC 3
C06C	EXISTING/REPLACED	FIXED	POLE	BRIDGE	MC3		AO	10.0	PERSON	4.0	1.3	30.0	MEDIUM	CONNECTED TO MC 3
C07	EXISTING	FIXED	AWNING	INTERNAL CORRIDOR PLATFORM 2	SSER	EXISTING OPAL CARD								CONNECTED TO SSER
C08	EXISTING	FIXED	AWNING	WAITING ROOM	SSER	WAITING ROOM								CONNECTED TO SSER
C09	NOT USED													CONNECTED TO SSER
C10	EXISTING	FIXED	AWNING	STATION ENTRY AWNING	SSER	WAITING ROOM ENTRY								CONNECTED TO SSER
C11	EXISTING	FIXED	AWNING	STATION ENTRY AWNING	SSER	ENTRY PATHWAY								CONNECTED TO SSER
C12	EXISTING	FIXED	AWNING	STATION ENTRY AWNING	SSER	CARPARK/DROP OFF								CONNECTED TO SSER
C13	EXISTING	FIXED	AWNING	PLATFORM 1	SSER	CENTRAL PLATFORM								CONNECTED TO SSER
C14	EXISTING	FIXED	AWNING	INTERNAL CORRIDOR PLATFORM 1	SSER	CORRIDOR								CONNECTED TO SSER
C15	EXISTING	FIXED	AWNING	INTERNAL CORRIDOR PLATFORM 2	SSER	CORRIDOR								CONNECTED TO SSER
C16	EXISTING	FIXED	AWNING	PLATFORM 2	SSER	HELP POINT								CONNECTED TO SSER
C17	EXISTING	FIXED	AWNING	PLATFORM 2	SSER	CENTRAL PLATFORM								CONNECTED TO SSER
C18	EXISTING	FIXED	AWNING	PLATFORM 2	SSER	GARBAGE BINS								CONNECTED TO SSER
C19	EXISTING	FIXED	AWNING	PLATFORM 2	SSER	ENTRY FOOTPATH								CONNECTED TO SSER
C20	EXISTING	FIXED	POLE	BRIDGE	MC3	RAMP								CONNECTED TO MC 3
C21	EXISTING	FIXED	AWNING	STATION ENTRY AWNING	SSER	OPAL CARD								CONNECTED TO SSER
C22	EXISTING	FIXED	POLE	CARPARK ARGYLE STREET	MC3	CARPARK								CONNECTED TO SSER
C23	EXISTING	FIXED	POLE	CARPARK ARGYLE STREET	MC3	CARPARK DRIVEWAY								CONNECTED TO SSER
C24A	EXISTING/RELOCATED	FIXED	POLE	ARGYLE STREET BRIDGE	MC3	LIFT ENTRY	FR	8.0	PERSON	4.0	1.3	40.0	HIGH	CONNECTED TO MC 3
C24B	EXISTING/RELOCATED	FIXED	POLE	ARGYLE STREET BRIDGE	MC3	ARGYLE STREET RAMP	AO	8.0	PERSON	4.0	1.3	200.0	HIGH	CONNECTED TO MC 3
C24C	EXISTING/RELOCATED	FIXED	POLE	ARGYLE STREET BRIDGE	MC3	ARGYLE STREET BRIDGE	FR	8.0	PERSON	4.0	1.3	40.0	HIGH	CONNECTED TO MC 3
C25	EXISTING	FIXED	POLE	STATION ENTRY AWNING	SSER	CARPARK/DROP OFF								CONNECTED TO SSER
C26	EXISTING	FIXED	POLE	CARPARK DALYS WAY	MC1	CARPARK EXIT								CONNECTED TO MC 1
C27	EXISTING	FIXED	POLE	CARPARK DALYS WAY	MC1	CARPARK ENTRY								CONNECTED TO MC 1
C28	NEW	FIXED	POLE	DALYS WAY	MC1	STATION ACCESS ROAD/PEDESTRIAN EXIT	AO	12.0	PERSON	4.0	1.3	200.0	HIGH	CONNECTED TO MC 1
C29	NEW	FIXED	POLE	DALYS WAY	MC1	STATION ACCESS ROAD/PEDESTRIAN ENTRY	FR	12.0	PERSON	4.0	1.3	40.0	HIGH	CONNECTED TO MC 1
C30	NEW	FIXED	POLE	CARPARK DALYS WAY	MC2	STATION ACCESS ROAD/PEDESTRIAN	AO	12.0	PERSON	4.0	1.3	200.0	HIGH	CONNECTED TO MC 2
C31	NEW	FIXED	POLE	CARPARK DALYS WAY	MC2	STATION ACCESS ROAD/PEDESTRIAN	AO	12.0	PERSON	4.0	1.3	30.0	HIGH	CONNECTED TO MC 2
C32	NEW	FIXED	POLE	LACKEY RD LIFT	MC2	ENTRY BRIDGE LEVEL	PD	4.0	PERSON	4.0	1.3	120.0	MEDIUM	CONNECTED TO MC 2
C33	NEW	FIXED	POLE	LACKEY RD BRIDGE	MC2	BRIDGE	AO	10.0	PERSON	4.0	1.3	200.0	MEDIUM	CONNECTED TO MC 2
C34	NEW	FIXED	CEILING	LACKEY RD LIFT	MC2	LIFT CABIN	FR	2.0	PERSON	2.7	1.3	40.0	MEDIUM	CONNECTED TO MC 2
C35	NEW	FIXED	POLE	LACKEY RD LIFT	MC2	ENTRY STREET LEVEL	PD	4.0	PERSON	4.0	1.3	120.0	MEDIUM	CONNECTED TO MC 2
C36	NEW	FIXED	POLE	LACKEY RD STAIRS	MC2	PERSON EXITING STATION VIA STAIRS	AO	10.0	PERSON	4.0	1.3	200.0	HIGH	CONNECTED TO MC 2
C37	NEW	FIXED	POLE	LACKEY RD STAIRS	MC2	PERSON ENTERING STATION	FR	2.0	PERSON	2.7	1.3	40.0	HIGH	CONNECTED TO MC 2
C38	NEW	FIXED	POLE	CARPARK STATION	SSER	STATION ENTRY POINT	FR	8.0	PERSON	2.7	1.3	40.0	HIGH	CONNECTED TO SSER
C39	NEW	FIXED	POLE	CARPARK STATION	SSER	STATION EXIT	AO	10.0	PERSON	4.0	1.3	200.0	HIGH	CONNECTED TO SSER
C40	NEW	FIXED	POLE	CARPARK STATION	SSER	BICYCLE PARKING	AO	10.0	PERSON	4.0	1.3	200.0	MEDIUM	CONNECTED TO SSER
C41A	NEW	FIXED	WALL	BUS STATION	SSER	BUS STOP WAITING	PD	10.0	PERSON	3.6	1.3	120.0	MEDIUM	CONNECTED TO SSER
C41B	NEW	FIXED	WALL	BUS STATION	SSER	BUS STOP WAITING	PD	10.0	PERSON	3.6	1.3	120.0	MEDIUM	CONNECTED TO SSER
C41C	NEW	FIXED	WALL	BUS STATION	SSER	PERSON ENTERING STATION VIA BRIDGE STAIRS	FR	8.0	PERSON	3.6	1.3	40.0	HIGH	CONNECTED TO SSER
C42	NEW	FIXED	CEILING	PLARFORM 2 LIFT	MC3	LIFT ENTRY	PD	5.0	PERSON	3.6	1.3	120.0	MEDIUM	CONNECTED TO SSER
C43	NEW	FIXED	CEILING	PLARFORM 2 LIFT	SSER	LIFT CABIN	FR	2.0	PERSON	2.7	1.3	40.0	MEDIUM	CONNECTED TO SSER
C44	NEW	FIXED	CEILING	PLARFORM 2	SSER	LUGGAGE DOOR	FR	5.0	PERSON	3.6	1.3	40.0	HIGH	CONNECTED TO SSER
C45	NEW	FIXED	CEILING	ARGYLE STREET BRIDGE LIFT	MC3	LIFT ENTRY	PD	3.0	PERSON	3.6	1.3	120.0	MEDIUM	CONNECTED TO SSER
C46	NEW	FIXED	CEILING	ARGYLE STREET BRIDGE LIFT	MC3	LIFT CABIN	FR	2.0	PERSON	2.7	1.3	40.0	MEDIUM	CONNECTED TO SSER
C47	NEW	FIXED	CEILING	ARGYLE STREET BRIDGE LIFT	MC3	LIFT ENTRY	PD	3.0	PERSON	3.6	1.3	120.0	MEDIUM	CONNECTED TO SSER
C48	NEW	FIXED	CEILING	PLATFORM 2	SSER	OPAL READER	AO	5.0	PERSON	3.6	1.3	200.0	MEDIUM	CONNECTED TO SSER



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D RE-ISSUED FOR S60 SUBMISSION C ISSUED FOR S60 SUBMISSION B ISSUED FOR PRELIMINARY DESIGN REVIEW A ISSUED FOR SYSTEM DEFINITION REVIEW	CS/19.01.24 BM/19.01.24 ME/19.01.24 CS/10.11.23 BM/10.11.23 ME/10.11.23 CS/06.10.23 BM/06.10.23 ME/06.10.23 CS/04.08.23 BM/04.08.23 ME/04.08.23		PREPARED FOR: RAIL DELIVERY INFRASTRUCTURE DELIVERY INFRASTRUCTURE AND PLACE	DRAWN _ _ _ TRACEY WANG 10.11.2023 DESIGNED _ _ _ CON SERBAN 10.11.2023 DRG CHECK _ _ _ BARRY MARTIN 10.11.2023 DESIGN CHECK BARRY MARTIN 10.11.2023 PROJ/DES MNGR 06.10.2023 10.11.2023 APPROVED _ _ _ MARC ESTIMADA 10.11.2023	DRAWING SET No: STATUS: ISSUED FOR S60 SUBMISSION DRG No: TAP3150505-SMEC-MVL-SS-DRG-101871
COORDINATE SYSTEM: GDA20 MGA Zone 56 	HEIGHT DATUM: A.H.D	DESIGN LOT CODE:	SMEC JHA SECURITY	REV D VER 0 EDMS No. AMD No.	SHEET: 1 OF 1 A1 ©

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