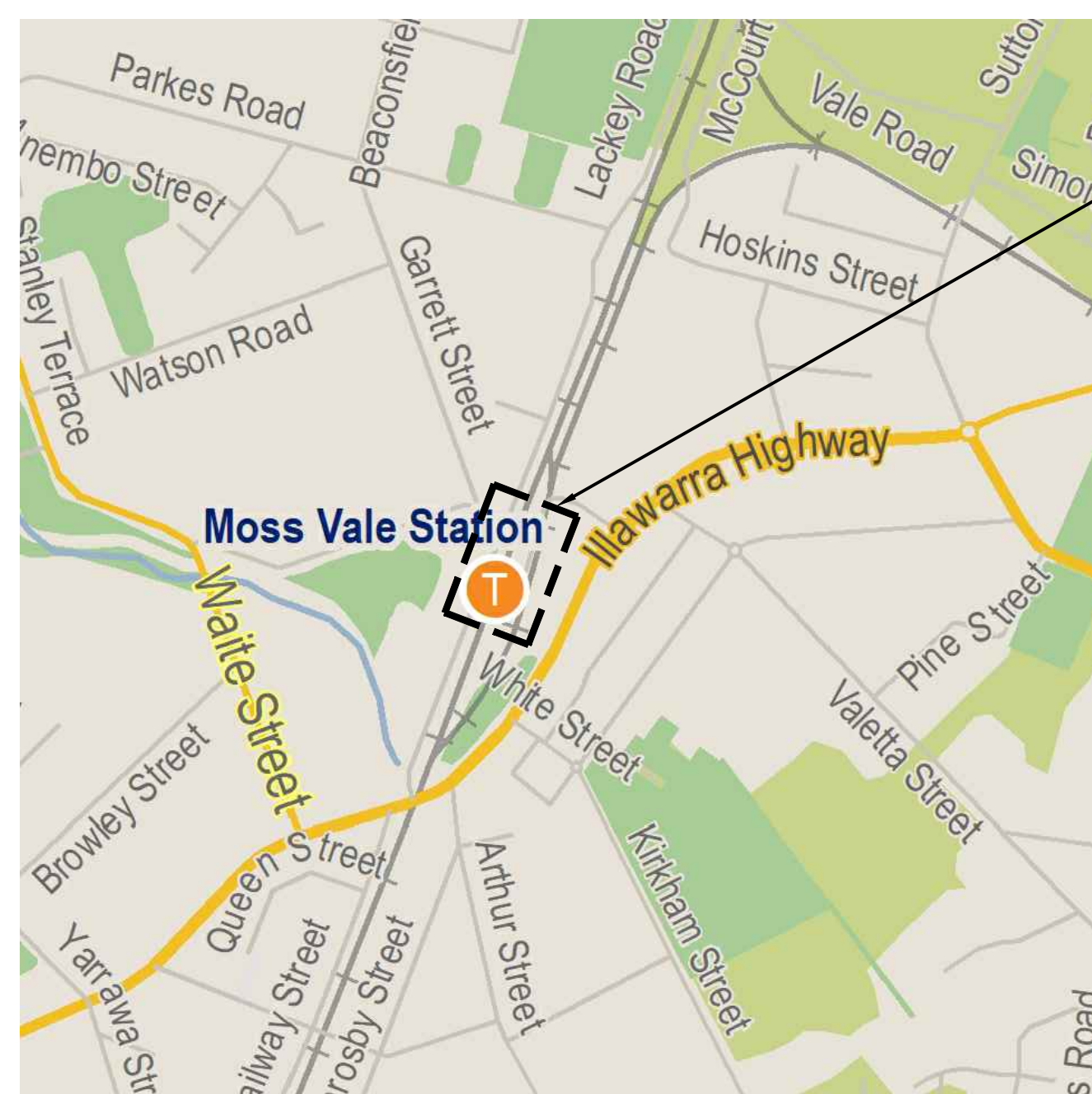


TRANSPORT ACCESS PROGRAM 3

MOSS VALE STATION

MAIN SOUTH LINE 145.180 km TO 145.860km

COVERSHEET AND DRAWING INDEX






SITE LOCATION

LOCALITY PLAN
NTS

EDMS No.	DRAWING No.	TITLE
	TAP3150505-SMEC-MVL-ME-DRG-001350	SP1 - COVERSHEET AND DRAWING INDEX
	TAP3150505-SMEC-MVL-ME-DRG-001351	SP1 - GENERAL NOTES
	TAP3150505-SMEC-MVL-ME-DRG-001352	SP1 - LEGEND AND TABLES
	TAP3150505-SMEC-MVL-ME-DRG-001360	SP1 - NORTHBOUND PLATFORM BUILDING
	TAP3150505-SMEC-MVL-ME-DRG-001361	SP1 - ARGYLE STREET - GROUND LEVEL PLAN
	TAP3150505-SMEC-MVL-ME-DRG-001362	SP1 - ARGYLE STREET - BRIDGE LEVEL PLAN
	TAP3150505-SMEC-MVL-ME-DRG-001363	SP1 - LACKEY ROAD - GROUND LEVEL PLAN, ROOF LEVEL PLAN

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				DRAWN _____ JOVER MOISES _____ 25.01.2024 DESIGNED _____ TIM LEE _____ 25.01.2024 DRG CHECK _____ PAUL ROOS _____ 25.01.2024 DESIGN CHECK _____ STUART ADAMS _____ 25.01.2024 PROJ/DES MNGR _____ WENDY WU _____ 25.01.2024 APPROVED _____ BEN MORRIS _____ 25.01.2024	DRAWING SET No: _____ PART: _____ SHEET: 1 OF 1 A1 STATUS: RE-ISSUED FOR S60 SUBMISSION BRIDGE No: _____ DRG No: TAP3150505-SMEC-MVL-ME-DRG-001350 REV C VER 0 EDMS No. _____ AMD No. _____
	COORDINATE SYSTEM: MGA 2020  HEIGHT DATUM: AHD	DESIGN LOT CODE:	PREPARED FOR: RAIL DELIVERY INFRASTRUCTURE DELIVERY INFRASTRUCTURE AND PLACE		

FILE NAME: TAP3150505-SMEC-MVL-ME-DRG-001350.dwg

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Plotted by: CE17280

GENERAL NOTES::

- 1. ALL INFORMATION SHOWN IS FOR TENDER PURPOSE ONLY.
2. THE WHOLE WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL CODES AND REGULATIONS OF ALL RELEVANT GOVERNING AUTHORITIES AND TFSW LIFT SPECIFICATION.
3. THE MECHANICAL TRADE SHALL CO-ORDINATE WITH ALL TRADES & BUILDING STRUCTURES ON SITE PRIOR TO MANUFACTURE AND SITE INSTALLATION.
4. ALL SYSTEMS AND EQUIPMENT SHALL BE TESTED, BALANCED AND COMMISSIONED IN ORDER TO PROVE THAT THEY CONFORM TO THE DESIGN REQUIREMENT. ALL PRESSURE TESTS, BALANCING AND CONTROL SET POINTS SHALL BE RECORDED AND SUBMITTED FOR EXAMINATION AND APPROVAL.

SUSTAINABILITY NOTES::

- 1. USE HIGH RECYCLED OR RECLAIMED CONTENT, RENEWABLE, REUSABLE OR SUBSTITUTED MATERIALS DURING THE CONSTRUCTION STAGE WHERE LOCALLY AVAILABLE.
2. ALL PAINTS, FINISHES, SEALANTS, AND ADHESIVES USED MUST BE LOW VOLATILE ORGANIC COMPOUNDS (VOC) AS DEFINED IN THE GREEN STAR DESIGN AND AS BUILT RATING TOOL.
3. ALL STEEL MUST BE SOURCED FROM SUPPLIERS THAT ARE CERTIFIED UNDER THE AUSTRALIAN CERTIFICATION AUTHORITY FOR REINFORCING AND STRUCTURAL STEELS OR AN ORGANISATION AGREED WITH THE TFSW.
4. ALL NEW ELECTRICAL EQUIPMENT MUST BE AT LEAST MARKET AVERAGE STAR RATING. IN CATEGORIES WHERE NO STAR RATINGS ARE AVAILABLE, EQUIPMENT PURCHASED MUST BE RECOGNISED AS HIGH EFFICIENCY EITHER BY BEING ENERGY STAR ACCREDITED, IN A HIGH EFFICIENCY BAND UNDER AUSTRALIAN STANDARDS OR BEING ABOVE-AVERAGE EFFICIENCY OF GREENHOUSE AND ENERGY MINIMUM STANDARDS (GEMS) REGISTERED PRODUCTS.

SCOPE OF WORKS

1.1 EXTENT OF WORK

THE WORK OF THIS CONTRACT SHALL COMPRISE THE SUPPLY, INSTALLATION, SETTING TO WORK AND TESTING OF MECHANICAL SYSTEMS AS SPECIFIED HEREIN INCLUDING, BUT NOT LIMITED TO:

- 1. LIAISE AND COORDINATE WITH THE PROJECT MANAGER, LIFT CONTRACTOR AND OTHER TRADES FOR ALL ASSOCIATED WORK.
2. PROVISION OF LIFT WELL VENTILATION SYSTEM EACH COMPRISING A WALL MOUNTED SUPPLY FAN, FANTECH CPDEC63 OR APPROVED EQUAL AND ASSOCIATED CONTROLLER AND WIRING. THE FAN SHALL BE CONTROLLED BY THE LIFT WELL THERMOSTAT WITH THERMAL OVERLOAD PROTECTION. THE THERMOSTAT SHALL BE POSITIONED AT THE TOP OF THE LIFT WELL WHERE THE LIFT ELECTRICAL EQUIPMENT IS LOCATED. FAN SHALL OPERATE WHEN TEMPERATURE REACHES ABOVE 30c AND STOP WHEN TEMPERATURE FALLS BELOW 28c. A HIGH TEMPERATURE ALARM SHALL BE PROVIDED IN THE STATION MANAGER'S OFFICE ON PLATFORM 1 & 2 TO NOTIFY THE STATION MANAGER IF THE LIFT SHAFT TEMPERATURE RISES ABOVE 40c.
3. PROVISION OF 50MM REMOVABLE FILTER PANELS BEHIND EACH INTAKE LOUVRE/PLENUM COMPLETE WITH AN INDUSTRY STANDARD MAGNAHELIC GAUGE TO DETECT THE STATE OF THE LIFT SHAFT FAN FILTER.
4. PROVISION OF SENSORS TO EACH LIFT WELL FAN INCLUDING ASSOCIATED WIRING:
A. AN INDUSTRY STANDARD MAGNAHELIC GAUGE FITTED TO THE LIFT WELL FAN TO DETECT THE STATE OF THE LIFT WELL FAN FILTER. THE LIFT SHAFT FAN CONTROLLER SHALL INDICATE A BLOCKED FAN FILTER THROUGH THIS SENSOR TO THE LIFT CONTROLLER AND THE REMOTE MONITORING SYSTEM VIA A RELAY INSIDE THE LIFT CONTROLLER.
B. A SENSOR TO DETECT WHEN THE LIFT WELL FAN MOTOR IS EXPERIENCING A THERMAL OVERLOAD DUE TO EXCESSIVE CURRENT DRAW. THE LIFT SHAFT FAN CONTROLLER SHALL INDICATE A MOTOR THERMAL OVERLOAD THROUGH THIS SENSOR TO THE LIFT CONTROLLER AND THE REMOTE MONITORING SYSTEM VIA A RELAY INSIDE THE LIFT CONTROLLER.
5. PROVISION OF DUTY/STANDBY TOILET EXHAUST FANS COMPLETE WITH GRILLE, DUCTWORK CONNECTED TO ROOF COWL. FAN RUN 24/7. STANDBY FAN SHALL AUTOMATICALLY RUN WHEN DUTY FAN FAILS. DUTY/STANDBY FAN SWAPPED OVER WEEKLY.
6. PROVISION OF DUTY/STANDBY AC UNITS COMPLETE WITH WIRED REMOTE CONTROL PANEL UNIT RUN 24/7. STANDBY FAN SHALL AUTOMATICALLY RUN WHEN DUTY FAN FAILS. DUTY/STANDBY FAN SWAPPED OVER WEEKLY. CONDENSATE DRAIN PIPE TO BE MIN DIA 32 FOR SINGLE UNIT OR MIN DIA 50 FOR COMMON DRAIN.
7. PROVISION OF OUTSIDE AIR SUPPLY SYSTEM TO SSER ROOM COMPRISING A CEILING FAN, FILTER PANEL AND DUCTWORK CONNECTED TO WEATHERPROOF LOUVRE. FAN RUNS 24/7
8. ALL ASSOCIATED ELECTRICAL AND CONTROL WIRING. FAN SHALL BE FED FROM LIFT CONTROL PANEL COMPLETE WITH ON / OFF / AUTO SWITCH AND RUN / FAULT LIGHTS. FINAL LOCATION TO BE COORDINATED ON SITE BY THE CONTRACTOR.
9. VIBRATION ISOLATION EQUIPMENT.
10. FRAMING UP AND CHASING IN WALLS AND FLOORS FOR PIPES, CABLES ETC. AS REQUIRED, AND MAKING GOOD AFTERWARDS.
11. PAINTING AND IDENTIFICATION OF INSTALLATION TO MEET BASE BUILDING REQUIREMENT.
12. COMMISSIONING, TESTING AND DEMONSTRATING THE PERFORMANCE OF ALL SYSTEMS INSTALLED.
13. PROVISION OF SHOP DRAWINGS AND AS INSTALLED DRAWINGS, INCLUDING PERMANENT REDUCED SCALE DIAGRAM.
14. PROVISION OF OPERATION AND MAINTENANCE MANUALS INCLUDING COMMISSIONING REPORTS SHOWING CORRECT SYSTEM PERFORMANCE.
15. MAINTENANCE DURING DEFECTS 12 MONTHS LIABILITY PERIOD.

1.2 WORK BY OTHERS

THE FOLLOWING WORKS ASSOCIATED WITH THIS CONTRACT SHALL BE CARRIED OUT BY OTHERS AT NO COST TO THE CONTRACTOR, PROVIDED THAT THIS CONTRACTOR SUPPLIES SUFFICIENT DRAWINGS OR DETAILS, AT HIS COST, TO ENABLE THESE VARIOUS WORKS TO BE CARRIED OUT, AND PROVIDED THAT SUCH DETAILS ARE SUPPLIED IN AMPLIFIED TIME FOR THOSE WORKS TO BE CARRIED OUT DURING THE NORMAL PROGRESS OF THE WORK AND/OR IN ACCORDANCE WITH THE PROGRAM FOR THE CONTRACT WORKS.

BY BUILDER

- 1. THE PROVISION AND MAKING GOOD INCLUDING FIRE RATING AROUND ALL OPENINGS IN THE BUILDING STRUCTURE FOR THE PENETRATIONS OF PIPES, DUCTS, GRILLES AND CONDUITS AND ALL CUTTING, PATCHING, FRAMING UP, FURRING IN AND MAKING GOOD ASSOCIATED WITHIN THE BUILDING STRUCTURE, INCLUDING CHASES.
2. THE PROVISION OF TRIMMED OPENING IN WALL FOR LIFT WELL FAN.
3. THE PROVISION TWO STAGE SUPPLY AIR LOUVRE BOX WITH ACCESS FILTER PANEL.
4. THE PROVISION OF TWO STAGE RELIEF AIR LOUVRE

IF NETHER THE SPECIFICATION NOR THE DRAWINGS CONTAIN ANY PARTICULARS OF MINOR PARTS, WHICH ARE NEVERTHELESS CLEARLY TO BE INFERRED, SUCH PARTS SHALL BE SUPPLIED AND

1.3 OBVIOUS WORKS

EXECUTED BY THE CONTRACTOR WITHOUT EXTRA CHARGE.

IDENTIFY ANY WORKS/ITEMS OF EQUIPMENT THAT ARE EXCLUDED IN THE TENDER SUBMISSION. NO VARIATION AND/OR EXTENSION OF TIME WILL BE ENTERTAINED LATER FOR FAILURE TO DO SO FOR SUCH WORKS/ITEMS OF EQUIPMENT.

1.4 CODES AND AUTHORITIES

THE WORKS SHALL COMPLY IN EVERY WAY WITH THE REQUIREMENTS OF ANY AUTHORITY HAVING JURISDICTION OVER THEM.

THE SERVICES SHALL INCLUDE ALL EQUIPMENT NECESSARY FOR THEIR SATISFACTORY OPERATION, CONTROL, MAINTENANCE AND SAFETY.

ALL MATERIALS, FITTINGS, ACCESSORIES AND APPARATUS SHALL BE NEW (UNLESS THE REUSE OF EXISTING ITEMS IS SPECIFIED) AND OF FIRST GRADE DESIGN AND MANUFACTURE, AND SHALL COMPLY WITH RELEVANT AUSTRALIAN STANDARDS ASSOCIATION SPECIFICATIONS.

WORK NOT COVERED BY THE REQUIREMENTS OF STATUTORY AUTHORITIES SHALL COMPLY WITH APPROPRIATE PUBLICATION FROM THE STANDARDS ASSOCIATION OF AUSTRALIA.

IN CASES WHERE STANDARDS ASSOCIATION OF AUSTRALIA HAS NOT YET ISSUED SPECIFICATIONS OR CODES, THE RELEVANT PUBLICATION ISSUED BY THE BRITISH STANDARDS INSTITUTION SHALL APPLY.

1.5 WORKMANSHIP

ALL WORKMANSHIP SHALL BE OF A HIGH STANDARD THROUGHOUT AS ACCEPTED BY THE RESPECTIVE SPECIALIST TRADES. ONLY FIRST CLASS COMPETENT TRADESMEN SHALL BE EMPLOYED ON THE WORK IN THEIR RESPECTIVE TRADES.

ONLY SUITABLY LICENSED TRADESMEN SHALL BE EMPLOYED ON WORK WHICH ANY AUTHORITY HAVING JURISDICTION REQUIRES TO BE CARRIED OUT BY LICENSED TRADESMEN.

1.6 CO-ORDINATION

WHERE THE WORKS ARE TO BE INSTALLED IN CLOSE PROXIMITY TO THE WORK OF OTHER TRADES, EVERY EFFORT SHALL BE MADE TO CO-OPERATE WITH THE TRADES CONCERNED TO ENSURE THAT ALL EQUIPMENT ARE INSTALLED TO THE BEST ADVANTAGES.

1.7 PROTECTION

DURING THE PROGRESS OF THE WORK, ALL PARTS SHALL BE COVERED UP AND PROTECTED TO AVOID INJURY BY EXPOSURE TO THE WEATHER, AS A PRECAUTION AGAINST ACCIDENTAL DAMAGE, OR DAMAGE DUE TO ANY OTHER CAUSE. THE SITE AND PRECINCTS SHALL BE KEPT CLEAN AND TIDY AND ALL RUBBISH SHALL BE REMOVED REGULARLY.

1.8 CLEANING

THE SITE AND PRECINCTS SHALL BE KEPT CLEAN AND TIDY THROUGHOUT THE COURSE OF WORK AND ALL RUBBISH SHALL BE REMOVED REGULARLY.

PRIOR TO PRACTICAL COMPLETION AND AT THE CONCLUSION OF THE WORK, ALL DEBRIS AND RUBBISH SHALL BE CLEARED AWAY AND REMOVED FROM THE SITE AND THE COMPLETED INSTALLATION SHALL BE LEFT THOROUGHLY CLEAN.

1.9 WARRANTY

THE COMPLETE WORKS CARRIED OUT UNDER THIS CONTRACT SHALL BE WARRANTED AGAINST DEFECTIVE WORKMANSHIP AND MATERIALS (FAIR WEAR AND TEAR ACCEPTED) AND AGAINST NON COMPLIANCE OF EQUIPMENT OR SYSTEMS WITH SPECIFIED PERFORMANCE OF OPERATION.

ANY MATERIALS, EQUIPMENT OR COMPLETE SYSTEMS WHICH PROVE TO BE DEFECTIVE SHALL BE RENEWED AT THIS CONTRACTOR'S EXPENSE.

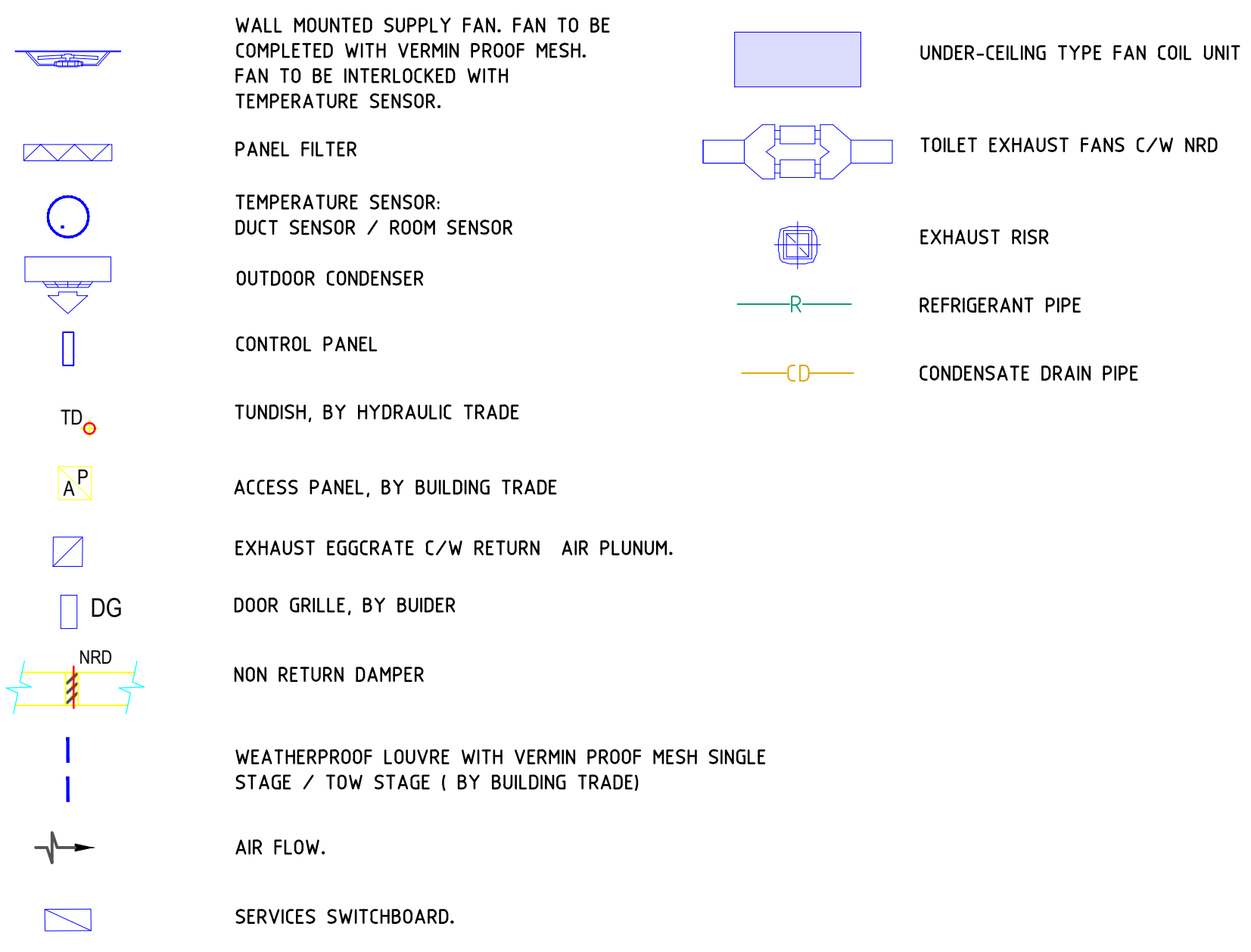
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Table with 4 main columns: REFERENCES, THIS DRAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE IF COPIED, SCALE: NTS, CLIENT: NSW Government Transport for NSW. Includes revision table and project details for MOSS VALE STATION.

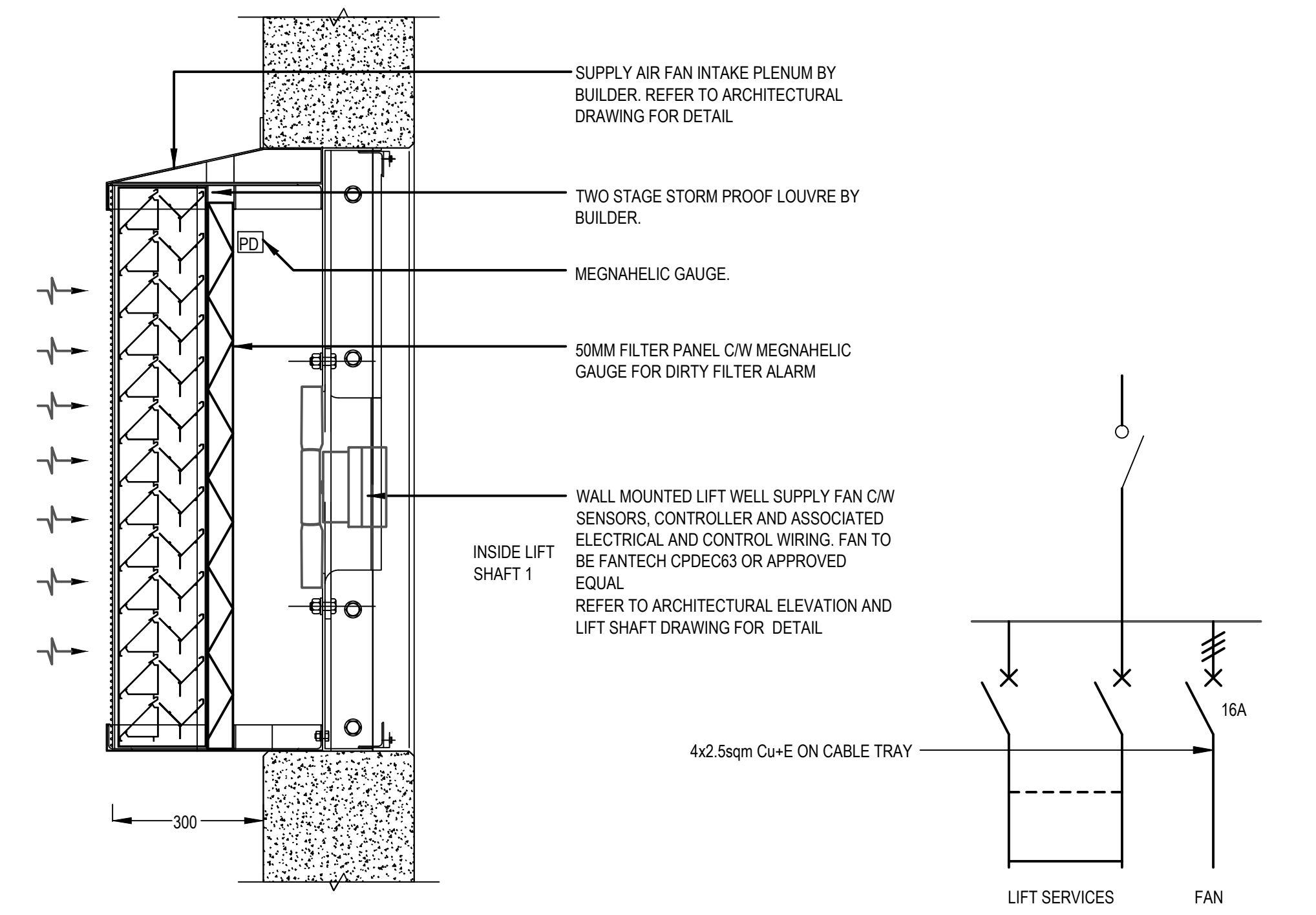
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LEGEND OF SYMBOLS



ABBREVIATIONS

- SAF - DENOTES EXHAUST AIR FAN
- BMS - DENOTES BUILDING MANAGEMENT SYSTEM
- FD - DENOTES FIRE DAMPER
- AC - DENOTES AIR CONDITIONING
- ACU - DENOTES AIR CONDITIONING UNIT
- CU - DENOTES CONDENSER
- TE - DENOTES TOILET EXHAUST
- TEF - DENOTES TOILET EXHAUST FAN
- DG - DENOTES DOOR GRILLE
- TD - DENOTES TUNDISH
- TEF - DENOTES TOILET EXHAUST FAN



EQUIPMENT SCHEDULE

VENTILATION FANS									
ITEM No.	AREA SERVED	FAN TYPE	FLOW RATE (L/s)	ESTIMATED STATIC PRESSURE (Pa)	MINIMUM MOTOR SIZE (kW)	POWER SUPPLY	MAXIMUM SOUND POWER LEVEL (dBASPL@3m)	NOTES	
SAF-1	LIFT SHAFT 1	WALL MOUNTED SUPPLY FAN, FANTECH CPDEC63	1600	100	1.250	3PH/380V/50Hz	50	FAN TO BE CONTROLLED BY THERMOSTAT	
SAF-2	LIFT SHAFT 2	WALL MOUNTED SUPPLY FAN, FANTECH CPDEC63	1600	100	1.250	3PH/380V/50Hz	50	FAN TO BE CONTROLLED BY THERMOSTAT	
SAF-3	LIFT SHAFT 3	WALL MOUNTED SUPPLY FAN, FANTECH CPDEC63	1600	100	1.250	3PH/380V/50Hz	50	FAN TO BE CONTROLLED BY THERMOSTAT	
TEF-1A	TOILET	INLINE FAN	100	80	0.050	1PH/240V/50Hz	41	FAN RUNS 24/7. DUTY/STANDBY CHANGED OVER WEEKLY	
TEF-1B	TOILET	INLINE FAN	100	80	0.050	1PH/240V/50Hz	41		
OAF-1	SSER	INLINE FAN	40	80	0.050	1PH/240V/50Hz	36	FAN RUNS 24/7	

NOTES:
1. ALL UNITS SHALL BE FANTECH OR APPROVED EQUAL AND SHALL BE SELECTED IN COMPLIANCE WITH BCA SECTION J.

AIR COOLED SPLIT AIR CONDITIONING UNITS										
ITEM No.	AREA SERVED	UNIT TYPE	COOLING CAPACITY TOTAL/SENSIBLE (kW)	SUPPLY/FRESH AIR FLOW (L/s)	ESTIMATED EXTERNAL STATIC PRESSURE (Pa)	COOLING-AIR ON COIL DB/WB (°C/°C)	HEATING CAPACITY (kW)	POWER SUPPLY	POWER INPUT	NOTES
ACU-01A/CU-01A	SSER	AIR COOLED SPLIT UNDERCEILING SPLIT COOLING ONLY	8.0/8.0	400 / 40	N/A	24.0/17.0	N/A	1PH/240V/50Hz	2.45	DUTY/STANDBY
ACU-01B/CU-01B	SSER	AIR COOLED SPLIT UNDERCEILING SPLIT COOLING ONLY	8.0/8.0	400 / 40	N/A	24.0/17.0	N/A	1PH/240V/50Hz	2.45	DUTY/STANDBY

NOTES:
1. ALL UNITS SHALL BE DAIKIN OR APPROVED EQUAL AND USE REFRIGERANT R410A.
2. ALL UNITS SHALL BE SELECTED IN COMPLIANCE WITH BCA SECTION J REQUIREMENT.
3. ALL UNITS SHALL BE EQUIPPED WITH WIRED REMOTE CONTROLLER.

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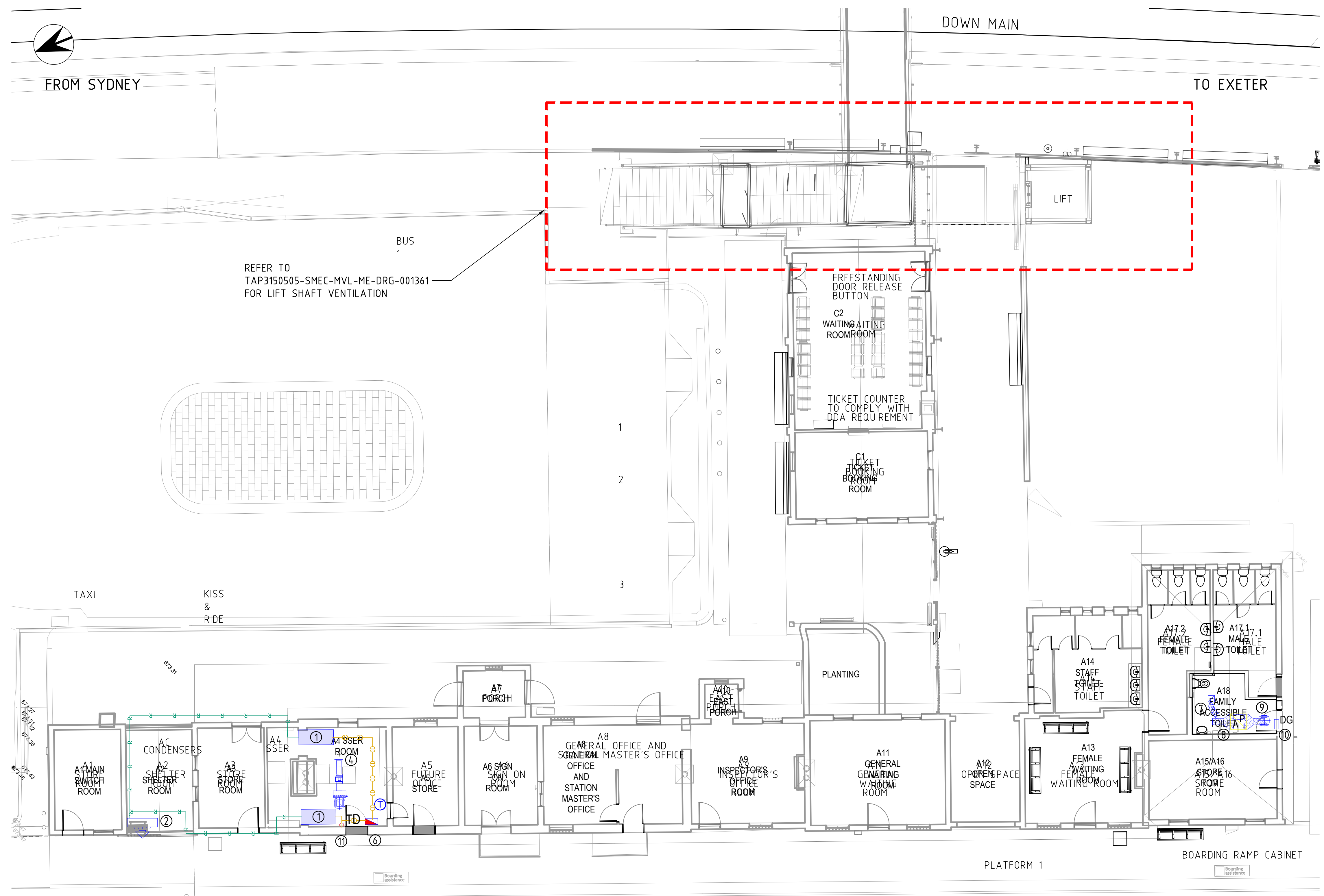
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REFER TO TAP3150505-SMEC-MVL-ME-DRG-001361 FOR LIFT SHAFT VENTILATION

BUS 1

DOWN MAIN

FROM SYDNEY

TO EXETER

LIFT

FREESTANDING DOOR RELEASE BUTTON

C2 WAITING ROOM

TICKET COUNTER TO COMPLY WITH DDA REQUIREMENT

C1 TICKET BOOKING ROOM

TAXI

KISS & RIDE

PLANTING

A14 STAFF TOILET

A17.2 FEMALE TOILET

A17.1 MALE TOILET

A18 ACCESSIBLE TOILET

A13 FEMALE WAITING ROOM

A15/16 STORE ROOM

PLATFORM 1

BOARDING RAMP CABINET

PLATFORM 1 BUILDING

SCALE 1 :100

NOTES:

- 2 OFF NEW UNDER-CEILING TYPE FAN COIL UNITS [APPROX. 1590(W) x 300(H) x 690(D) EACH] IN DUTY/STAND-BY ARRANGEMENT SERVING COMMS ROOM, CONDENSATE OF THE FAN COIL UNIT TO BE DISCHARGED TO TUNDISH (PROVIDED BY HYDRAULIC TRADE) NEAR THE EXISTING SINK
- 2 OFF OUTDOOR CONDENSERS [APPROX. 940(W) x 990(H) x 320(D) EACH] MOUNTED ON STEEL SUPPORT AND LOCATED IN SHELTER ROOM WITH GRATING DOOR, CONDENSATE OF THE CONDENSER TO BE DRAINED TO THE PLATFORM
- NEW IN-LINE SUPPLY AIR FAN C/W FILTER TO PROVIDE OUTSIDE AIR AND PRESSURISATION TO COMMS ROOM
- 250x250 SOLID SHEETMETAL SUPPLY DUCT C/W SUPPLY AIR REGISTER
- ROOF-MOUNTED OUTSIDE AIR INTAKE COWL (SUBJECT TO FURTHER REVIEW OF THE ROOF SPACE)
- NEW WALL-MOUNTED MECHANICAL SERVICES SWITCHBOARD
- 300x300 EGG CRATE EXHAUST GRILLE
- TWO TOILET EXHAUST FANS C/W NRD (ONE DUTY, ONE STANDBY)
- 200x200 EXHAUST RISR CONNECTING TO ROOF COWL ABOVE
- 600x600 DOOR GRILLE FOR TOILET MAKEUP AIR
- TUNDISH (BY HYDRAULICS TRADE) FOR CONDENSATE CONNECTION

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GDA2020		HEIGHT DATUM: AHD	

SCALE: 1:100
1 0 1 2 3 4m
1:100 FULL SIZE A1

CLIENT:

PREPARED FOR:
RAIL DELIVERY
INFRASTRUCTURE DELIVERY
INFRASTRUCTURE AND PLACE

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DRAWN	JOVER MOISES	25.01.2024
DESIGNED	TIM LEE	25.01.2024
DRG CHECK	PAUL ROOS	25.01.2024
DESIGN CHECK	STUART ADAMS	25.01.2024
PROJ/DES MNGR	WENDY WU	25.01.2024
APPROVED	BEN MORRIS	25.01.2024

DEGNAN | SMEC
SMEC MECHANICAL

MOSS VALE STATION MOSS VALE UPGRADE MAIN SOUTH LINE 145.600km TO 145.860km SP1-MECHANICAL NORTHBOUND PLATFORM BUILDING			
DRAWING SET No:	PART:	SHEET: 1 OF 1	A1
STATUS: RE-ISSUED FOR S60 SUBMISSION		BRIDGE No:	
DRG No: TAP3150505-SMEC-MVL-ME-DRG-001360	REV C	VER 0	EDMS No. AMD No.

FILE NAME: TAP3150505-SMEC-MVL-ME-DRG-001360.dwg

PLOT DATE & TIME: 25/01/2024 1:03:14 PM

CET17280

A

B

C

D

E

F

G

H

A

B

C

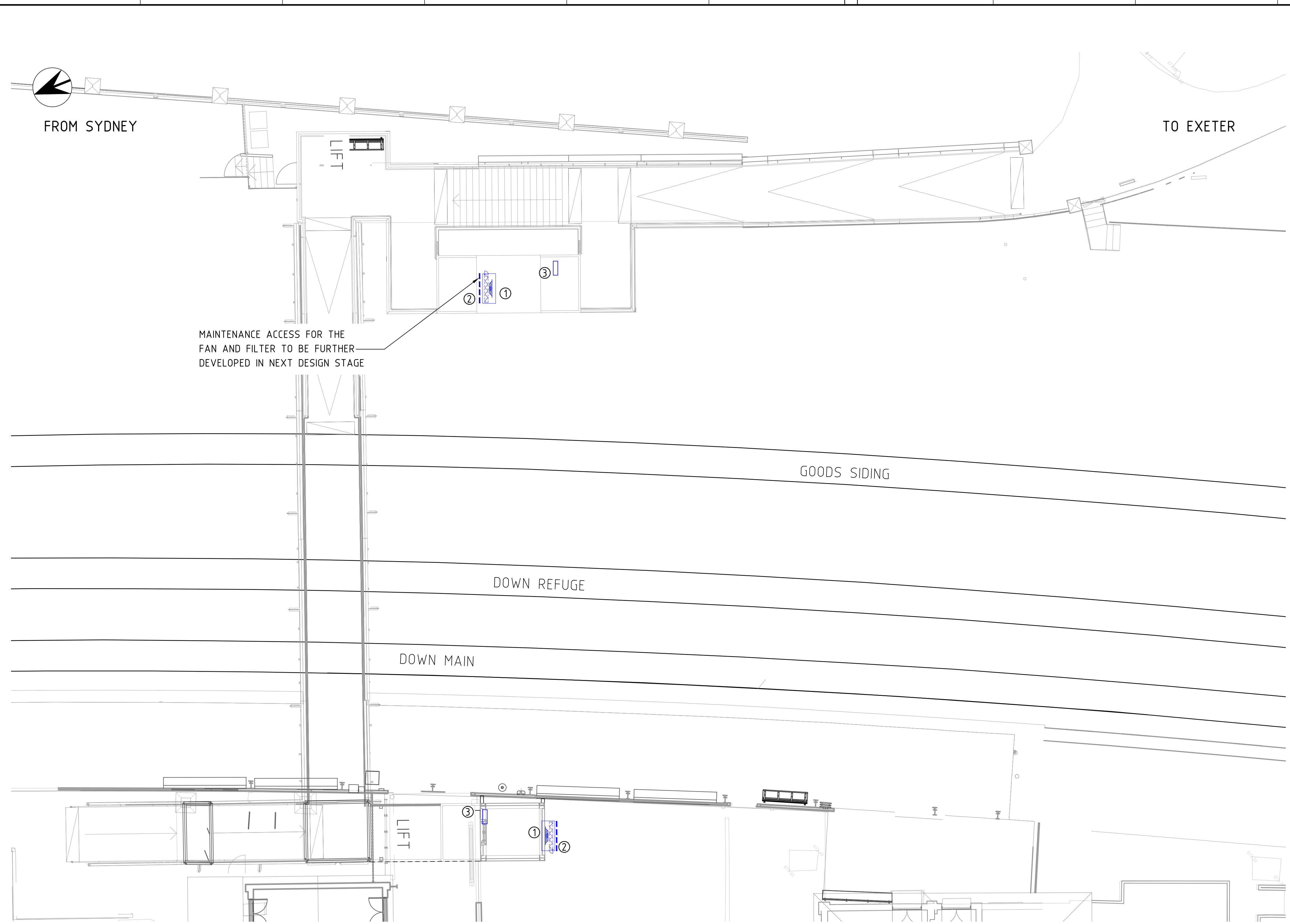
D

E

F

G

H



MAINTENANCE ACCESS FOR THE FAN AND FILTER TO BE FURTHER DEVELOPED IN NEXT DESIGN STAGE

ARGYLE STREET - GROUND LEVEL
SCALE 1 : 100

NOTES:

1. WALL MOUNTED LIFT WELL SUPPLY FAN C/W SENSORS, CONTROLLER AND ASSOCIATED ELECTRICAL AND CONTROL WIRING. FAN TO BE FANTECH CPDEC63 OR APPROVED EQUAL.
2. 50MM FILTER PANEL BEHIND 2-STAGE INTAKE LOUVRE. LOUVRE/PLENUM BY BUILDER.
3. LIFT CONTROL PANEL. INDICATIVE LOCATION ONLY . FINAL LOCATION TO BE COORDINATED ON SITE BY CONTRACTOR.

DRAWING COLOUR CODED - PRINT ALL COPIES IN COLOUR

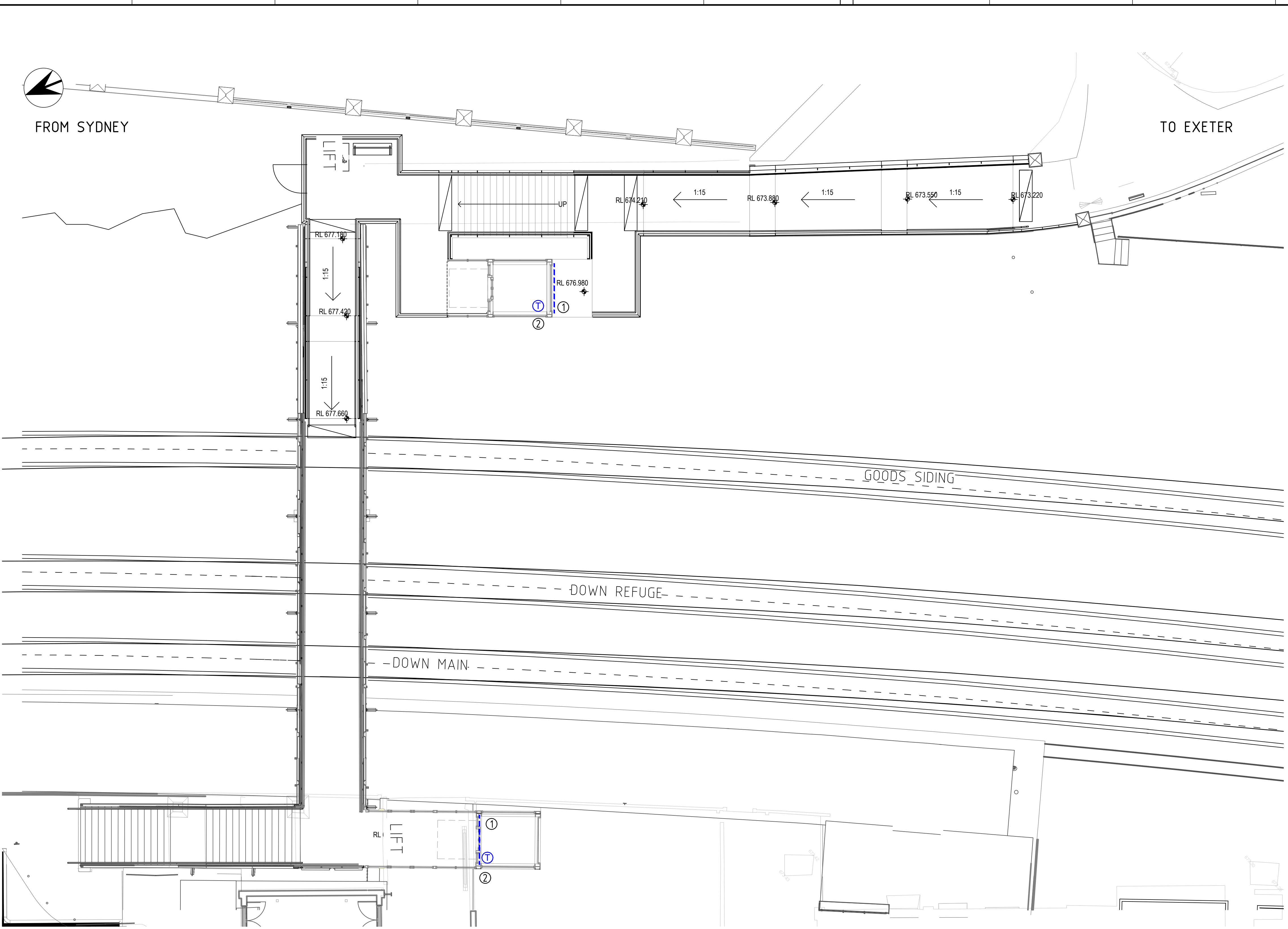
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				DRAWN _____ JOVER MOISES _____ 25.01.2024 DESIGNED _____ TIM LEE _____ 25.01.2024 DRG CHECK _____ PAUL ROOS _____ 25.01.2024 DESIGN CHECK _____ STUART ADAMS _____ 25.01.2024 PROJ/DES MNGR _____ WENDY WU _____ 25.01.2024 APPROVED _____ BEN MORRIS _____ 25.01.2024	DRAWING SET No: _____ PART: _____ SHEET: 1 OF 1 A1 STATUS: RE-ISSUED FOR S60 SUBMISSION BRIDGE No: _____ DRG No: TAP3150505-SMEC-MVL-ME-DRG-001361 REV C IVER 0 EDMS No. _____ AMD No. _____
REV	DESCRIPTION	DESIGNER INITIAL/DATE	VERIFIED INITIAL/DATE	APPROVED INITIAL/DATE	
C	RE-ISSUED FOR S60 SUBMISSION	T.L/25.01.24	S.A/25.01.24	B.M/25.01.24	
B	ISSUED FOR PRELIMINARY DESIGN REVIEW	T.L/04.08.23	S.A/04.08.23	B.M/04.08.23	
A	ISSUED FOR SYSTEM DEFINITION REVIEW	T.L/04.08.23	S.A/04.08.23	B.M/04.08.23	
COORDINATE SYSTEM: MGA 2020				HEIGHT DATUM: AHD	DESIGN LOT CODE:

FILE NAME: TAP3150505-SMEC-MVL-ME-DRG-001361.dwg

PLOT DATE & TIME: 25/01/2024 10:34:42 PM

CE17280



ARGYLE STREET - BRIDGE LEVEL
SCALE 1 : 100

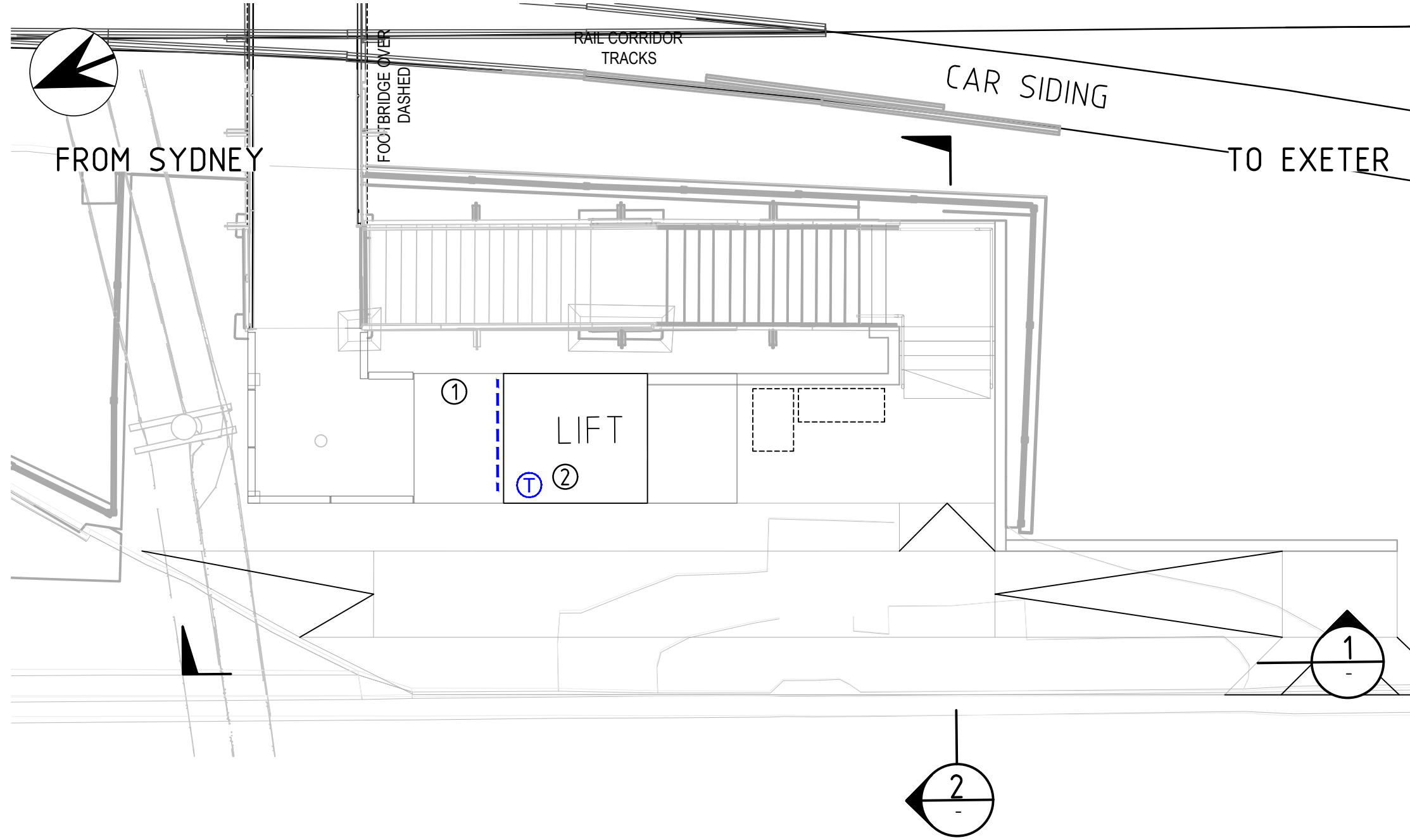
NOTES:

1. 1 OFF 1600Wx1200H (NECK SIZE) OR EQUAL AREA, 2-STAGE WEATHERPROOF AND VERMIN PROOF RELIEF AIR LOURVE BY BUILDER. REFER TO ARCHITECTURAL DRAWING FOR LOURVE DETAIL
2. TEMPERATURE SENSOR

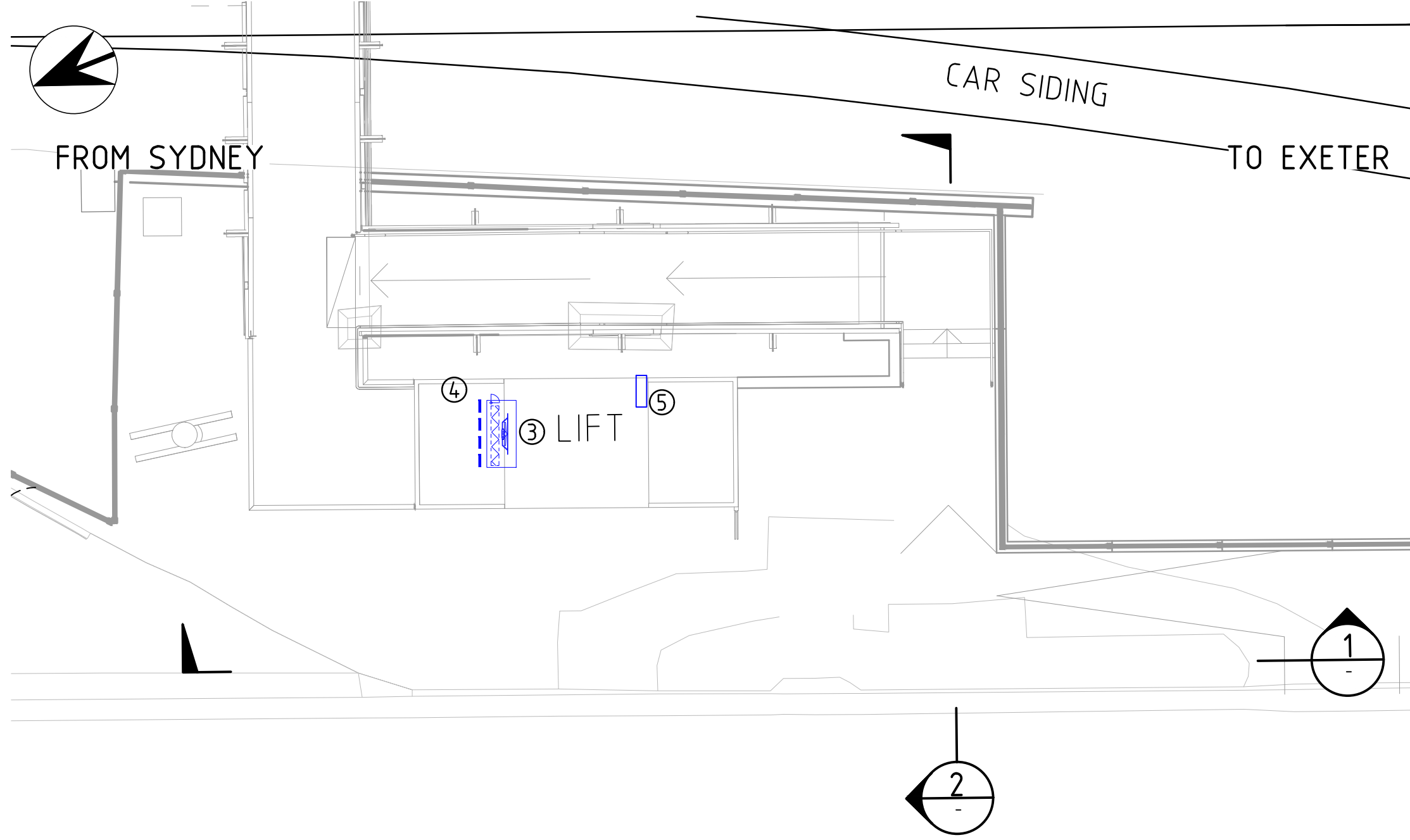
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								DRAWN _____ JOVER MOISES _____ 25.01.2024 DESIGNED _____ TIM LEE _____ 25.01.2024 DRG CHECK _____ PAUL ROOS _____ 25.01.2024 DESIGN CHECK _____ STUART ADAMS _____ 25.01.2024 PROJ/DES MNGR _____ WENDY WU _____ 25.01.2024 APPROVED _____ BEN MORRIS _____ 25.01.2024		DRAWING SET No: _____ PART: _____ SHEET: 1 OF 1 A1 STATUS: RE-ISSUED FOR S60 SUBMISSION BRIDGE No: _____ DRG No: TAP3150505-SMEC-MVL-ME-DRG-001362 REV C IVER 0 EDMS No. _____ AMD No. _____	
COORDINATE SYSTEM: MGA 2020 		HEIGHT DATUM: AHD		DESIGN LOT CODE: _____		PREPARED FOR: RAIL DELIVERY INFRASTRUCTURE DELIVERY INFRASTRUCTURE AND PLACE				©	



LACKEY STREET LIFT - ROOF LEVEL
SCALE 1 : 100

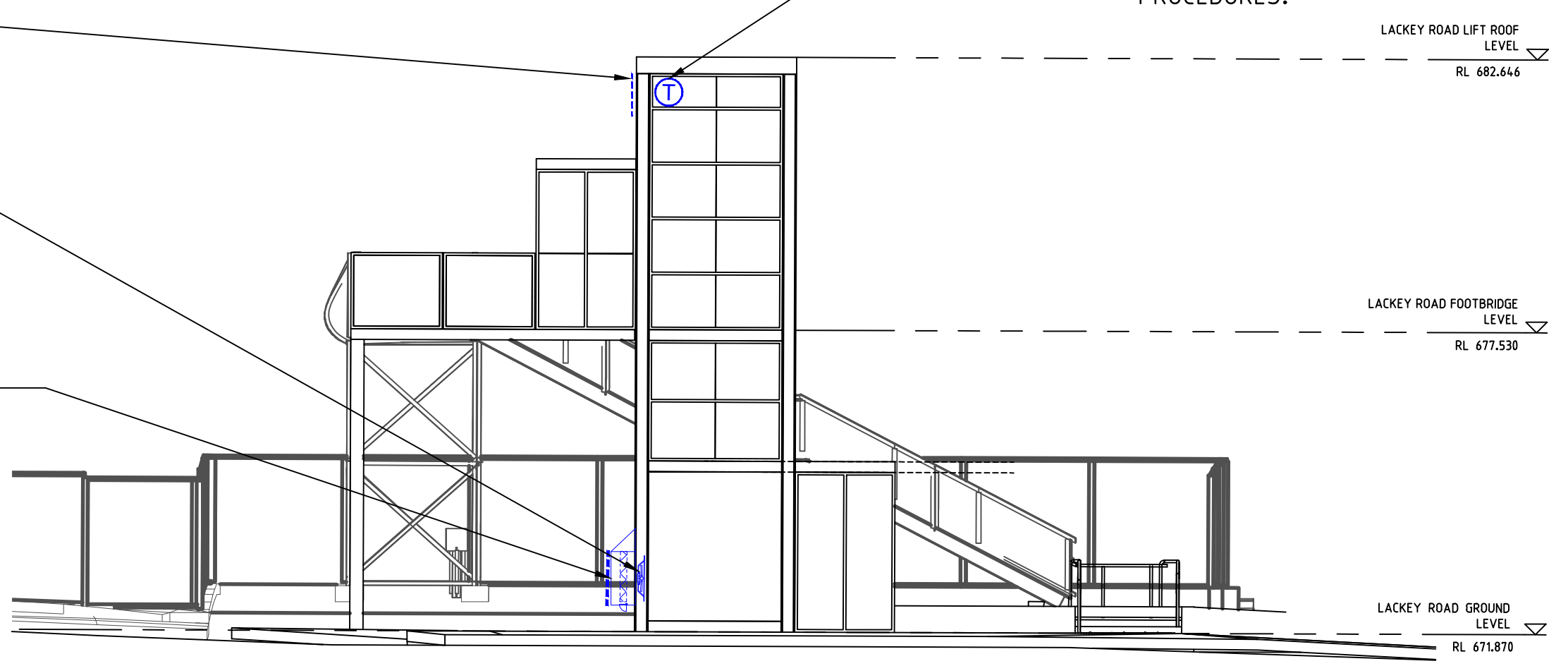


LACKEY STREET LIFT - GROUND LEVEL
SCALE 1 : 100

WEATHERPROOF LOUVRE AT TOP OF LIFT SHAFT FOR AIR RELIEF.

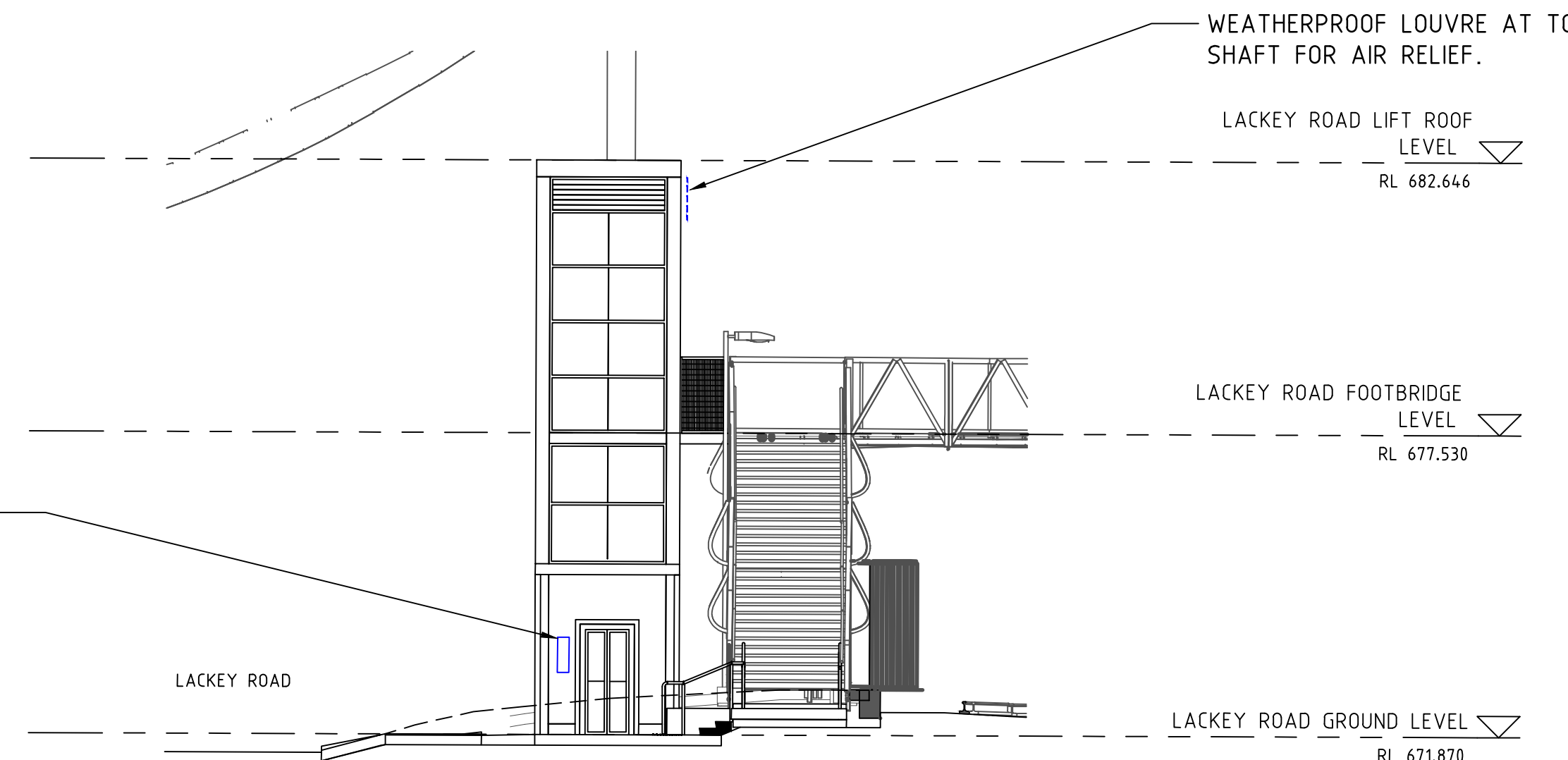
Ø 630mm LIFT SHAFT SUPPLY FAN IN WALL. SERVICES ACCESS TO FAN TO BE VIA HINGED INTAKE LOUVRE AND REMOVABLE PANEL FILTER.

1000x1000x550 (DEEP) LIFT VENTILATION LOUVRE AND FILTER ASSEMBLY MOUNTED ON/IN WALL. LOUVRE AND FILTER ASSEMBLY TO BE HINGED AND LOCKABLE TO ALLOW ACCESS TO VENTILATION FAN BEHIND TOP OF FAN/FILTER ENCLOSURE TO BE SLANTED AT 45DEG. TO MITIGATE RISK OF CLIMBING HAZARD.



LACKEY ROAD LIFT - WEST ELEVATION 1
SCALE:1:100

LIFT SHAFT VENTILATION SYSTEM POWER SUPPLY AND CONTROLS TO BE INCORPORATED INTO LIFT SERVICE PANEL



LACKEY ROAD LIFT - SOUTH ELEVATION 2
SCALE:1:100

NOTES:

- 1 OFF 1600Wx1200H (NECK SIZE) OR EQUAL AREA, 1 OFF 2-STAGE WEATHERPROOF AND VERMIN PROOF RELIEF AIR LOUVRE BY BUILDER. REFER TO ARCHITECTURAL DRAWING FOR LOUVRE DETAIL
- TEMPERATURE SENSOR
- WALL MOUNTED LIFT WELL SUPPLY FAN C/W SENSORS, CONTROLLER AND ASSOCIATED ELECTRICAL AND CONTROL WIRING. FAN TO BE FANTECH CPDEC63 OR APPROVED EQUAL.
- 50MM FILTER PANEL BEHIND 2-STAGE INTAKE LOUVRE. LOUVRE/PLENUM BY BUILDER.
- LIFT CONTROL PANEL. INDICATIVE LOCATION ONLY . FINAL LOCATION TO BE COORDINATED ON SITE BY CONTRACTOR.

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