# VECUS **CUE CEV SUPPLIER VERTIV**

## DRAWING LIST:

CUE\_M15V Type 3.1\_FACE\_ED04 CUE\_M15V Type 3.1\_0001\_ED04 CUE M15V Type 3.1 0003 ED04 CUE M15V Type 3.1 0005 ED04 CUE\_M15V Type 3.1\_0007\_ED04 CUE\_M15V Type 3.1\_0011\_ED04 CUE\_M15V Type 3.1\_0016\_ED01 CUE M15V Type 3.1 0051 ED04 CUE\_M15V Type 3.1\_0052\_ED04 CUE\_M15V Type 3.1\_0060\_ED02 CUE M15V Type 3.1 0062 ED02 CUE M15V Type 3.1 0075 ED02 CUE M15V Type 3.1 0078 ED04 CUE\_M15V Type 3.1\_0515\_ED04

COVER SHEET SITE LAYOUT GLAND PLATE/CABLE ENTRY DETAILS SITE EARTH LAYOUT SITE SETOUT PLAN TRENCH LAYOUT AND DETAILS CONDUIT SET OUT SITE ELEVATIONS - EAST & WEST SITE ELEVATIONS - NORTH & SOUTH FOOTING/HOLD DOWN PLAN & DETAILS GENERATOR FOOTING PLAN FENCING/SITE FINISHES LAYOUT LANDSCAPING DETAILS **CEV & GENERATOR INTEGRATION SLD** 

## 1. SITE HAZARDS:

PARTIES WHO ACCESS THIS SITE MUST CARRY OUT AND COMPLETE THEIR OWN HAZARD IDENTIFICATION AND RISK ASSESSMENT THE LIST BELOW DOES NOT ALLEVIATE THEIR RESPONSIBILITY. THE FOLLOWING HAZARDS WERE IDENTIFIED IN THIS WORKING AREA:-•OPTIC FIBRE AND ELECTRICAL CABLING •WET CONDITIONS, SLIPS, TRIPS AND FALLS •VEHICLES AND CRANES ON SITE •OTHER PLANTS AND EQUIPMENTS IN THE AREA.

## 2. LAND OWNER'S DETAILS:

NAME: ADDRESS. PHONE:

## 3. LEASE INFORMATION:

LEASE PERIOD: CONTACT PERSON: PHONE:

### 4. COMPOUND AND CEV KEY LOCATION:

**CONTACT: OPERATIONS & MAINTENANCE** VOCUS GROUP PHONE: 1800 099 299 & (03) 8327 23 82

## 5. SITE ACCESS INFORMATION:

#### **DESIGN CONSULTANT:** 6.

VERTIV ADDRESS: 38 FENNEL STREET, PORT MELBOURNE VIC 3207 PHONE: 1300 367 686

ο.	Date	ISSUE/revision	By Chk	ISSUE:	PROJECT:	CLIENT:				
D01	14/08/2023	ENGINEERING DESIGN ISSUE.	FB/KY				THE BUILDER/CONTRACTOR & SUB-CONTRACTORS SHALE.		LUE	CEV M15V Type 3
D02	17/08/2023	ENGINEERING DESIGN ISSUE.	FB/KY	ENGINEERING			<ul> <li>Check &amp; confirm all dimensions and levels on site prior to commencing any works, shop drawings, fabrication and/or installation.</li> </ul>			
D03	22/11/2023	ENGINEERING DESIGN ISSUE.	FB/KY	DECICN			<ul> <li>Do not scale these drawings. Figured dimensions take precedence.</li> </ul>		T:41 -	
D04	27/02/2024	ENGINEERING DESIGN ISSUE / Additional drawings added.	FB/KY	DESIGN			<ul> <li>All dimensions are in millimetres unless noted otherwise.</li> <li>Amy discrepancies shall be reported to the superintendent for</li> </ul>		litte	COVER SHEET
				ISSUE	M15V I vpe 3.1		<ul> <li>Any discrepancies shall be reported to the superintendent for action and instruction.</li> </ul>			
							<ul> <li>This drawing to be read in conjunction with all relevant drawings, specifications, schedules, reports and contracts.</li> </ul>			
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			Drawn/Reviewed		
1	F. Burekovic/K. Yapa				
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NOTE: MEN EARTH STAKE LOCATION TO BE INCLUDED IN FUTURE REVISION [UPON RECEIVING INFORMATION]





ROD

-11

## COPPER 25 x 3 mm TAPE BURIED AT 500mm BELOW GROUND 70 mm2 CONDUCTOR FOR BONDING TO EARTH RING, FENCE

1.5m COPPER BONDED GROUND ROD 615850

# RESISTANCE OF 2.03 OHMS IS ACHIEVED WITH 4

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4	Drawn/Reviewed					
1			F. Burekovic/K. Yapa			
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Scale         Sheet Size         Drawing No.         Issue.           1:50         A3         CUE_M15V Type 3.1_0051         ED04	4	Drawn/Reviewed						
Scale         Sheet Size         Drawing No.         Issue.           1:50         A3         CUE_M15V Type 3.1_0051         ED04	1	F. Burekovic/K. Yapa						
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No. Date

D04 27/02/2024

1	Drawn/Reviewed					
1	F. Burekovic/K. Yapa					
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	1:50	A3	CUE_M15V Type 3.1_0052	ED04		
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SLUMP (mm)	MAX. AGGREGATE SIZE (mm)	STRENGTH GRADE (MPa)	MAX. SHRINKAGE STRAIN (μm)
80	20	N32	-

ENT	BOTTOM	SIDES	TOP
	(mm)	(mm)	(mm)
N.O.)	70	50	50

TENSION LA	COMPRESSION	
S IN BANDS & AMS	IN BANDS & ALL OTHER BARS	
70	480	450
00	700	640

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# GENERAL NOTES

- ALL FINISHED LEVELS AND DIMENSIONS ARE IN METRES TO AUSTRALIAN HEIGHT DATUM 1. (AHD) UNLESS OTHERWISE NOTED. HORIZONTAL DATUM IS AS SPECIFIED BY THE PRINCIPAL SURVEYOR.
- OBTAIN ALL LEVELS FROM ESTABLISHED BENCHMARK AS PROVIDED BY THE PROJECT SURVEYOR. ALL BENCHMARKS ARE TO BE PROTECTED. COORDINATES SHALL BE VERIFIED, ANY DISCREPANCIES ARISING IN FIELD SETOUT OF THIS INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE PRINCIPAL SURVEYOR IMMEDIATELY.
- LIMIT ACCESS ONLY TO THOSE AREAS WITHIN THE EXTENT OF WORKS BOUNDARY UNLESS OTHERWISE APPROVED BY THE PRINCIPAL. NO MACHINERY MOVEMENTS TO OCCUR OUTSIDE OF THE EXTENT OF WORKS BOUNDARY AS SHOWN ON THE DRAWINGS. ALL WORKS, INCLUDING BUT NOT LIMITED TO CONSTRUCTION VEHICLE MOVEMENTS, LAY-DOWN AREA, PARKING, ETC, TO BE LIMITED TO THE EXTENT OF WORKS BOUNDARY.
- REVIEW ALL PROJECT DOCUMENTATION IN ITS ENTIRETY. THIS INCLUDED DOCUMENTATION FROM OTHER DISCIPLINES AS REQUIRED. PROJECT DOCUMENTATION INCLUDED AND NOT LIMITED TO CONTRACT DOCUMENT, DRAWINGS, TECHNICAL SPECIFICATION, REPORTS, SKETCHES, MINUTES, AUTHORITIES SPECIFICATION AND DRAWINGS, SUPERINTENDENT INSTRUCTIONS, ETC.
- NOTIFY DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS IN THE DOCUMENTATION.
- PRIOR TO THE COMMENCEMENT OF SITE WORKS, CONFIRM THE ALIGNMENTS AND LEVELS OF THE EXISTING SERVICES AT ALL LOCATIONS WHERE THE PROPOSED SERVICES AND OTHER WORKS ARE TO CROSS, CONNECT TO, INSTALLED NEAR TO, OR ARE LOCATED IN CLOSE PROXIMITY TO THE EXISTING SERVICES. ANY WORKS WITHIN THE VICINITY OF THESE SERVICES TO BE CARRIED OUT TO SERVICE AUTHORITIES REQUIREMENTS.
- LIAISE WITH ALL RELEVANT AUTHORITIES/SERVICE PROVIDERS TO DETERMINE ALL RELOCATIONS WITHIN THE CONTRACT AREA TO PROGRESS CONSTRUCTION. ALL QUOTATIONS SHALL BE SUBMITTED TO THE PRINCIPAL PRIOR TO COMMENCEMENT OF WORKS ON SITE.
- REINSTATE ANY AREAS, SERVICES AND INFRASTRUCTURE DISTURBED BY THE WORKS 8. TO THE SATISFACTION OF THE LOCAL GOVERNMENT AUTHORITY OR AFFECTED ASSET OWNER.

# ENVIRONMENTAL NOTES

- REVIEW PROJECT ENVIRONMENTAL REQUIREMENTS, INCLUDING AND NOT LIMITED TO CLEARING LIMITATION, ACID SULFATE MANAGEMENT, DIE BACK MANAGEMENT, GROUNDWATER EXTRACTION LIMITATION, ASBESTOS MANAGEMENT, CONTAMINATED FILL MANAGEMENT, ETC.
- TREES IDENTIFIED FOR RETENTION SHALL BE FLAGGED FOR PROTECTION PRIOR TO COMMENCEMENT OF WORKS ON SITE. NO CLEARING SHALL COMMENCE WITHOUT THE SUPERINTENDENTS APPROVAL. CONTRACTOR TO ALLOW ADEQUATE DISTANCE TO AVOID ROOT DAMAGE, NOMINALLY 3m.
- IDENTIFY NOISE MANAGEMENT REQUIREMENTS LOCAL TO THE SITE. LIMIT NOISE LEVELS TO THE REQUIREMENTS (DECIBELS) OR TO LIMIT WORKS WITHIN THE TIMEFRAME ALLOCATED (WORK HOURS AND DAY). OBTAIN APPROVALS TO WORK OUTSIDE OF ESTABLISHED NOISE MANAGEMENT PARAMETERS.
- 4. CONSIDER THE SOURCE OF CONSTRUCTION WATER AND ITS POTENTIAL IMPLICATION TO THE ENVIRONMENT.



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ED01	09/08/2023	ENGINEERING DESIGN ISSUE.	FB/KY			
ED02	17/08/2023	ENGINEERING DESIGN ISSUE.	FB/KY			
ED03	22/11/2023	ENGINEERING DESIGN ISSUE.	FB/KY	DEOLON		
ED04	27/02/2024	ENGINEERING DESIGN ISSUE / Updated.	FB/KY	DESIGN		
					M15V Type 3.1	V V

# LEGEND



— 2.50 — EXISTING CONTOURS (0.2m)

# \_\_\_\_\_ 2.50 \_\_\_\_\_ PROPOSED CONTOURS (0.1m)

# EARTHWORKS NOTES

- 1. UNLESS NOTED OTHERWISE, AT EDGE OF EXTENT OF WORKS BOUNDARY, BATTER AT 1 IN 6 TO EXISTING SURFACE. UNLESS APPROVED BY THE PRINCIPAL. ALL BATTERS TO BE LOCATED WITHIN EXTENT OF WORKS BOUNDARY.
- 2. FINISHED SURFACES ARE SHOWN TO THE TOP OF TREATMENT (EARTHWORKS, ROAD, PAVERS, CONCRETE, ROCK PITCHING ETC. CONSTRUCT TO BOX OUT LEVEL.
- 3. ASSUME 0.1m OF TOPSOIL STRIP. TO BE VERIFIED BY GEOTECHNICAL ENGINEER
- ALLOW 0.1m OF 20mm BLUEMETAL AROUND ENTIRE COMPLEX. WEED MAT TO BE 4. INSTALLED BELOW BLUEMETAL LAYER.
- 5. CEDC HAS NOT INVESTIGATED THE SITE & MAKES NO REPRESENTATION AS TO WHAT MAY EXIST ON OR BELOW THE SITE.
- 6. DELETERIOUS AND UNSUITABLE MATERIAL SHALL BE REMOVED OFF SITE.
- 7. REMOVE FROM SITE ALL RUBBISH WITHIN THE EXTENT OF WORKS BOUNDARY TO AN APPROVED LOCAL AUTHORITY DISPOSAL SITE.
- 8. ORGANIC MATERIAL SHALL BE STOCKPILED AT DEDICATED AREA ON SITE, TO BE AGREED WITH THE PRINCIPAL. THE STOCKPILE AREA SHALL BE DISTINCTIVELY IDENTIFIABLE, TO AVOID CONFUSION WITH USEABLE FILL. ORGANIC MATERIAL TO BE REMOVED FROM SITE.
- AREAS OF FILL TO BE COMPACTED IN LAYERS IN ACCORDANCE WITH THE 9. SPECIFICATION.
- 10. IMPORTED FILL SHALL BE CLEAN AND FREE DRAINING SAND.
- 11. NO BURNING OR BLASTING IS PERMITTED ON SITE.
- 12. NO FLOOD PROTECTION OR GREATER DRAINAGE CONSIDERATIONS.
- 13. STORMWATER MANAGEMENT LIMITED TO EXTERNAL FLOW DIVERSION (BUNDS) AND INTERNAL COMPOUND (WITH FENCE) FLOW MANAGEMENT.



SCALE 1:2000

0	2	0	4	0	8	0	120
F	ull Siz	e	1:20	00 ; SC/	Half Red ALE (m)	luctio	n 1:4000

CUE QUANTITIES									
ITEM	AREA(m <sup>2</sup> )	CUT(m <sup>3</sup> )	FILL(m <sup>3</sup> )						
0.1m TOPSOIL STRIP	220	4	0						
EARTHWORKS	220	0	60						
0.1m THICK BLUEMETAL (20mm)	140	0	15						

NOTE - ALL VOLUMES ARE COMPACTED CUBIC METRES IN ACCORDANCE WITH AS1181.

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