

Plot Date: 21 February 2024 - 12:28 pm Plotted by: Kevin Astwood

Cad File No: C:\Users\kevin\Documents\\_Jobs\1153 - Bombay Interchange\CADD\02 DETAILED DESIGN\23067-300.dwg

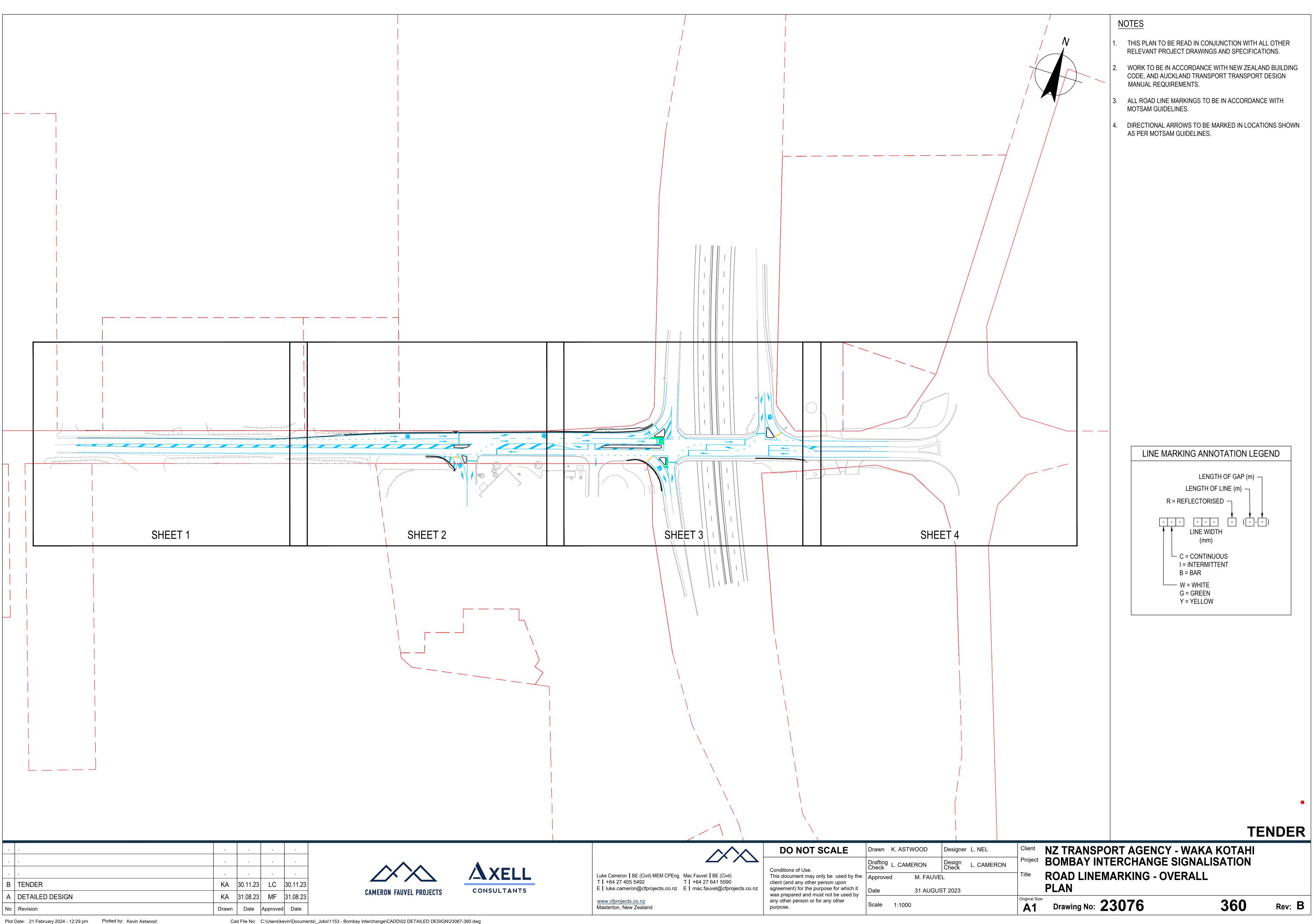
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	Approved	M. FAUVE	L	
	Date	31 AUGUS	ST 2023	
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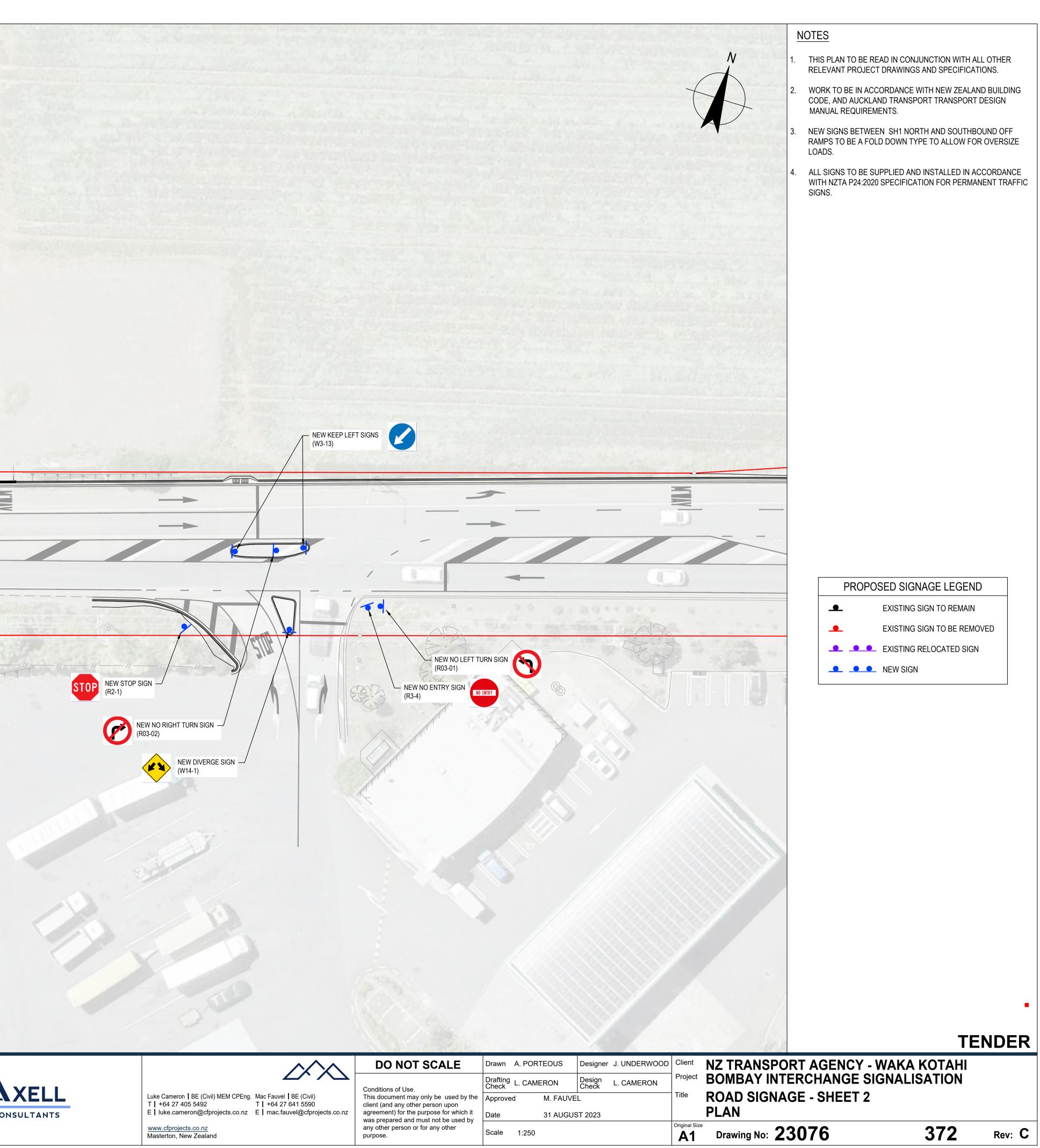
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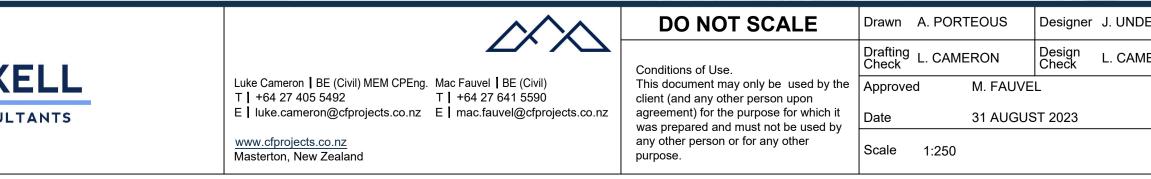
/	NOTES	
	1. THIS PLAN TO BE READ IN CONJUNCTION WITH A RELEVANT PROJECT DRAWINGS AND SPECIFICA	
	2. WORK TO BE IN ACCORDANCE WITH NEW ZEALA CODE, AND AUCKLAND TRANSPORT TRANSPORT MANUAL REQUIREMENTS.	
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RON Project BOMBAY INT	ORT AGENCY - WAKA KOTAHI ERCHANGE SIGNALISATION JT - OVERALL	
PLAN		
A1 Drawing No: 2	JUIU JUU	Rev: C

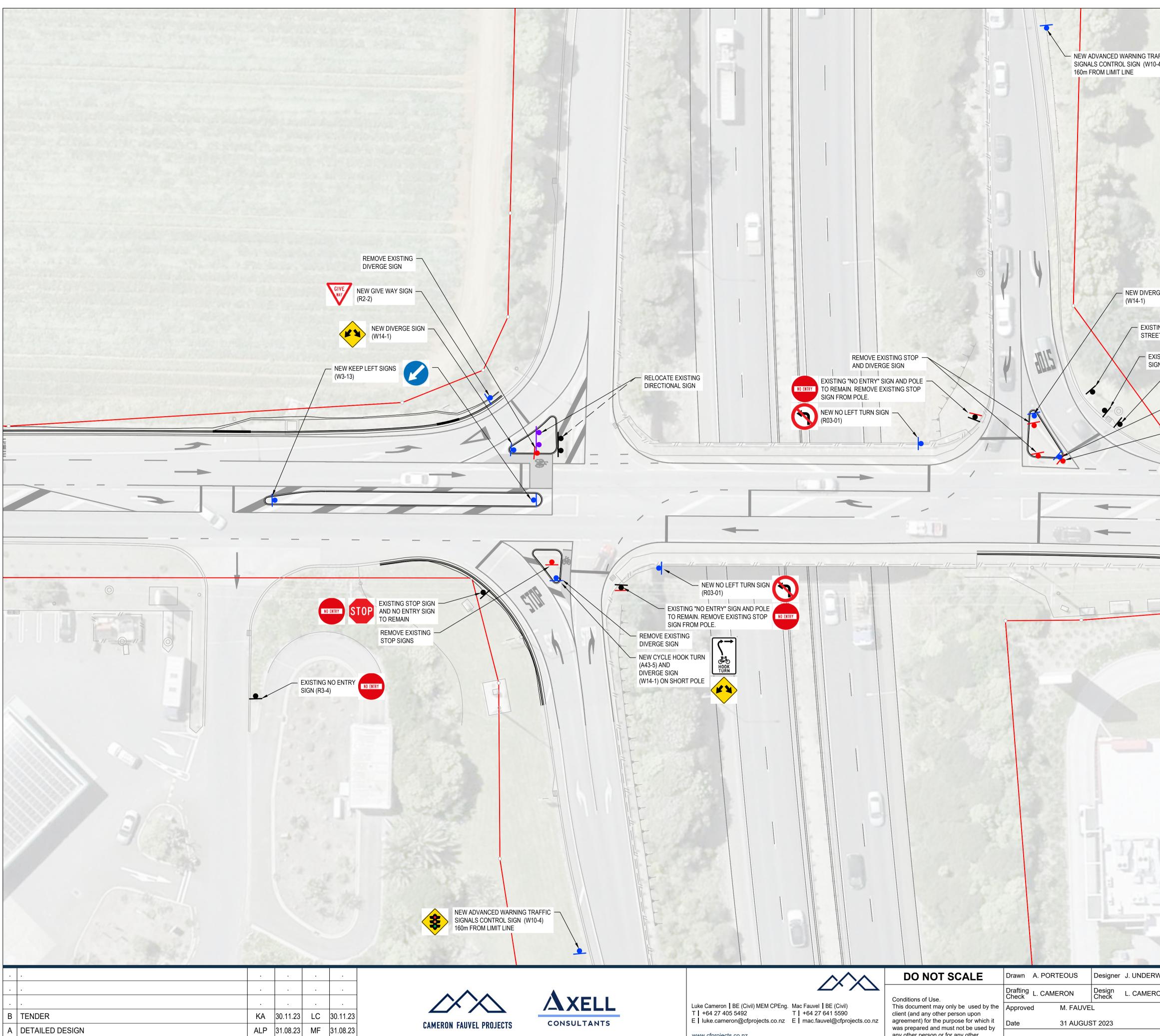


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ID	TENDER	KA	30.11.23 L	C 30.11.23	
	DETAILED DESIGN	KA		IF 31.08.23	CAMERON FAUVEL PROJECTS CO

Plot Date: 21 February 2024 - 12:29 pm Plotted by: Kevin Astwood







Plot Date: 21 February 2024 - 12:30 pm Plotted by: Kevin Astwood

No Revision

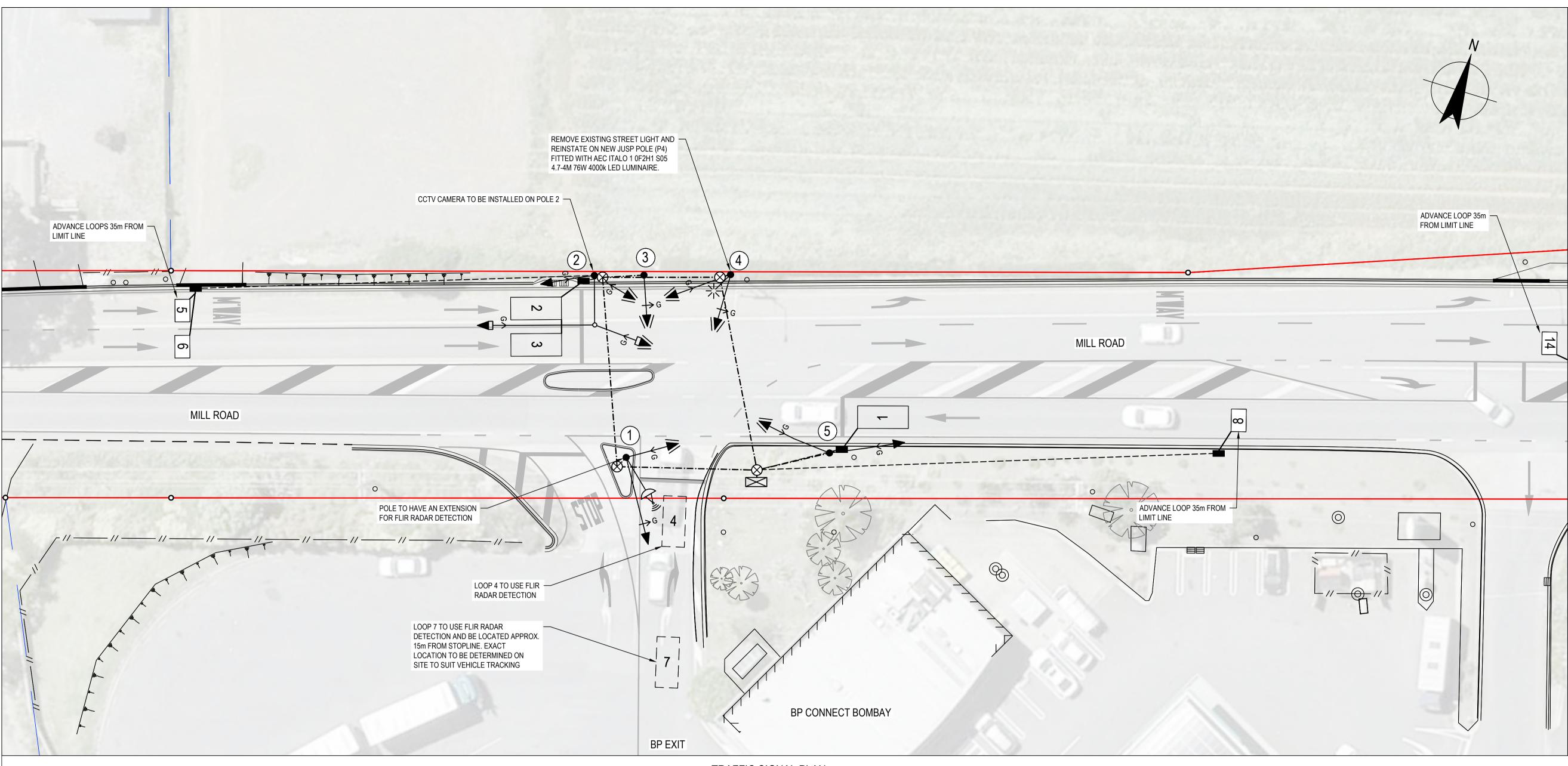
Cad File No: C:\Users\kevin\Documents\\_Jobs\1153 - Bombay Interchange\CADD\02 DETAILED DESIGN\23067-370.dwg

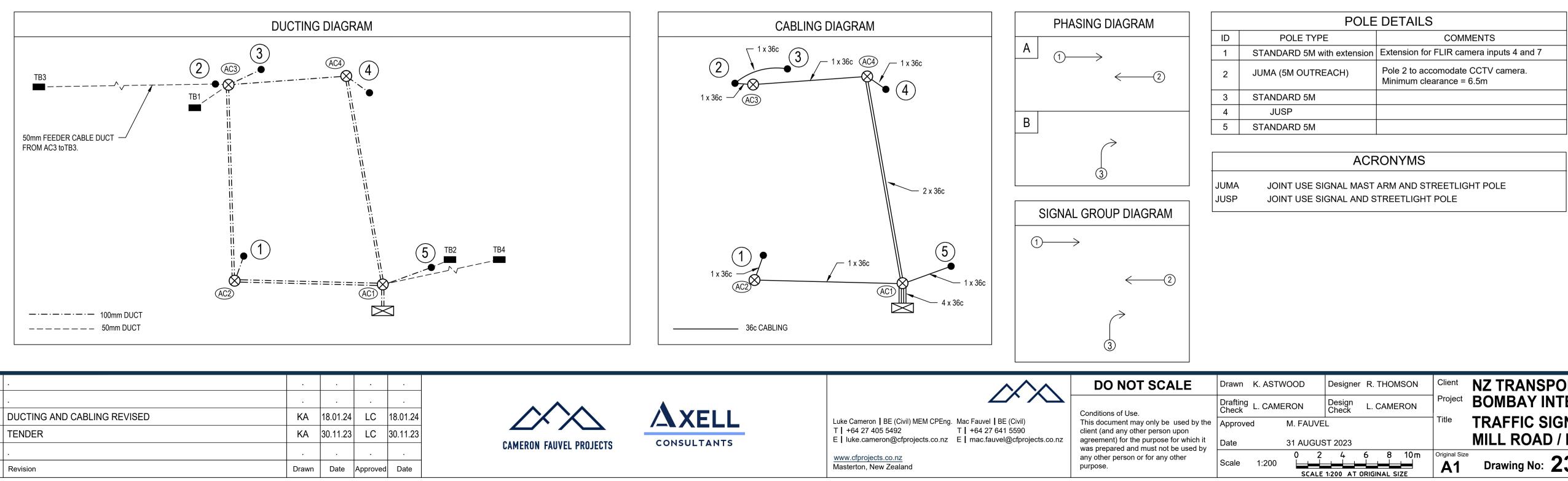
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	NOTES
	N       1.       THIS PLAN TO BE READ IN CONJUNCTION WITH ALL OTHER         RELEVANT PROJECT DRAWINGS AND SPECIFICATIONS.
NEW ADVANCED WARNING TRAFFIC SIGNALS CONTROL SIGN (W10-4) 160m FROM LIMIT LINE	<ul> <li>Relevant PROJECT DRAWINGS AND SPECIFICATIONS.</li> <li>WORK TO BE IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE, AND AUCKLAND TRANSPORT TRANSPORT DESIGN MANUAL REQUIREMENTS.</li> </ul>
	<ul> <li>3. NEW SIGNS BETWEEN SH1 NORTH AND SOUTHBOUND OFF RAMPS TO BE A FOLD DOWN TYPE TO ALLOW FOR OVERSIZE LOADS.</li> </ul>
SIGH NEW (R2- REM	<ul> <li>ALL SIGNS TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH NZTA P24:2020 SPECIFICATION FOR PERMANENT TRAFFIC SIGNS.</li> <li>A. ALL SIGNS TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH NZTA P24:2020 SPECIFICATION FOR PERMANENT TRAFFIC SIGNS.</li> </ul>
	PROPOSED SIGNAGE LEGEND   •
awn A. PORTEOUS Designer J. UNDERWOOD	Client NZ TRANSPORT AGENCY - WAKA KOTAHI
afting L. CAMERON Design L. CAMERON Check L. CAMERON	Project NZ TRANSPORT AGENCY - WAKA KOTAHI Project BOMBAY INTERCHANGE SIGNALISATION Title ROAD SIGNAGE - SHEET 3 PLAN
ale 1:250	PLAN           Original Size         A1         Drawing No:         23076         373         Rev:         B

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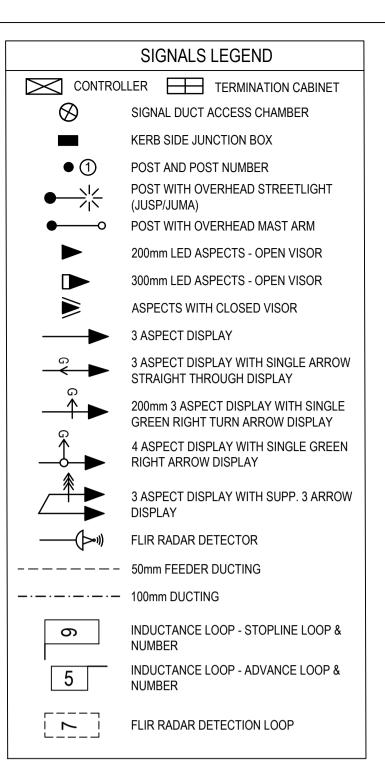
С	DUCTING AND CABLING REVISED	KA	18.01.24	LC	18.01.24	
В	TENDER	KA	30.11.23	LC	30.11.23	
No	Revision	Drawn	Date	Approved	Date	



Plot Date: 21 February 2024 - 12:30 pm Plotted by: Kevin Astwood

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TRAFFIC SIGNAL PLAN SCALE 1:200



### NOTES

- 1. THIS PLAN TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS AND SPECIFICATIONS.
- WORK TO BE IN ACCORDANCE WITH NEW ZEALAND BUILDING CODE, AND AUCKLAND TRANSPORT CODE OF PRACTICE ENGINEERING REQUIREMENTS.
- A TSC/4 COMPLIANT 8 GROUP CONTROLLER SHALL BE INSTALLED AND COMPLY WITH THE LATEST SPECIFICATION.
- 4. TRAFFIC SIGNAL EQUIPMENT AND INSTALLATION SHALL COMPLY WITH P43.
- POLE POSITIONS ARE INDICATIVE ONLY. FINAL POSITIONS TO BE DETERMINED ON SITE WITH THE ENGINEER.
- 6. THE CONTRACTOR TO LIAISE WITH SERVICE AUTHORITIES TO DETERMINE LOCATIONS OF SERVICES PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL ALLOW FOR THE TESTING 7 OF THE E-PROM IN THE CONTROLLER THAT IS TO BE INSTALLED ON THE SITE.
- 8. ALL ROAD CROSSINGS DUCTS TO BE 2 x 100mm Dia ORANGE uPVC DUCTING.
- 9. ALL DUCTS FROM ACCESS CHAMBERS TO POLES TO BE 1 x 100mm Dia ORANGE uPVC DUCTS.
- 10. DUCT AND CHAMBER POSITIONS ARE INDICATIVE ONLY. FINAL POSITIONS TO BE DETERMINED ON SITE WITH THE ENGINEER.
- 11. DUCTING TO BE INSTALLED IN CONJUNCTION WITH UTLILTY SERVICE RELOCATION USING SAME TRENCHING.
- 12. DUCTING TO KERB SIDE JUNCTION BOXES SHALL BE A MINIMUM OF 50mm DIAMETER.
- 13. ALL LANTERNS SHALL BE APPROVED LED TYPE.
- 14. ALL LANTERNS BODIES AND BACKING BOARDS SHALL BE ALUMINUM BODIED.
- 15. POSTED SPEED LIMIT ON MILL ROAD IS 60 km/h.
- 16. CONTRACTOR TO OBTAIN ALL NECCESSARY PERMITS WHEN INSTALLING NEW POLES IN CLOSE PROXIMITY TO OVERHEAD POWER CABLES.
- 17. ADVANCE LOOPS TO EXTEND PHASE AND NOT CALL.

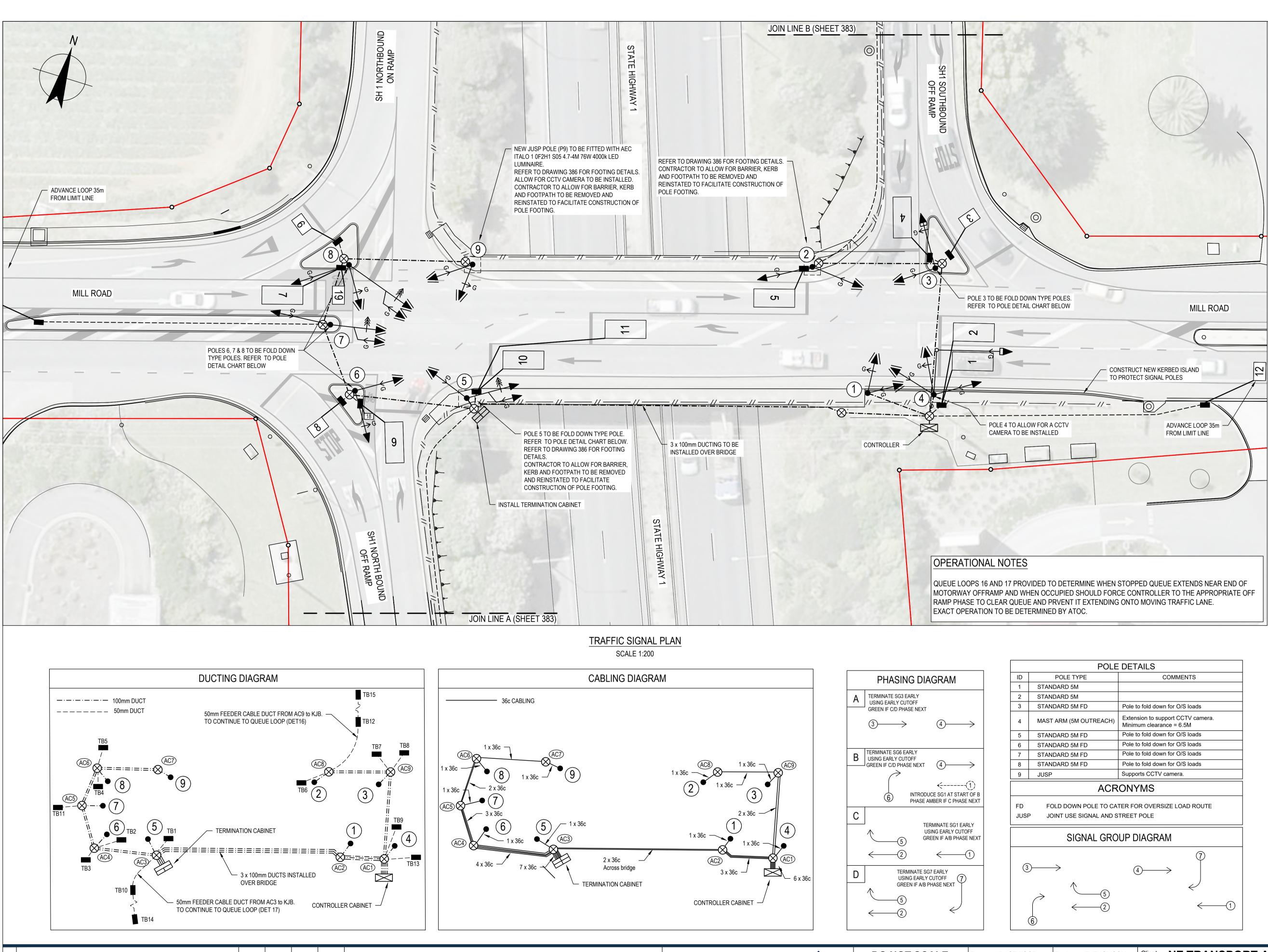
## **TENDER**

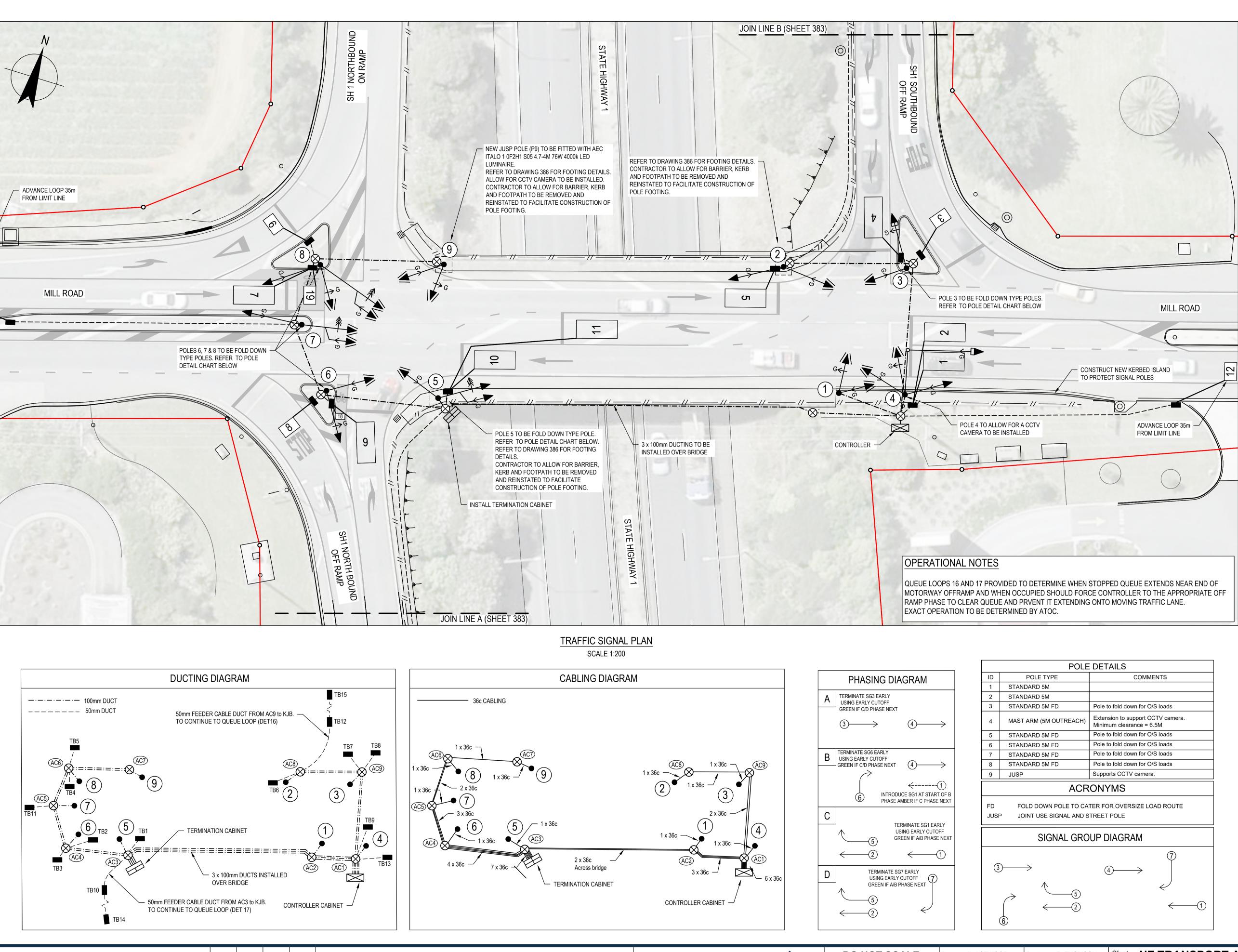
**NZ TRANSPORT AGENCY - WAKA KOTAHI BOMBAY INTERCHANGE SIGNALISATION TRAFFIC SIGNALS - SHEET 1** MILL ROAD / BP EXIT PLAN

Drawing No: 23076

381

Rev: C





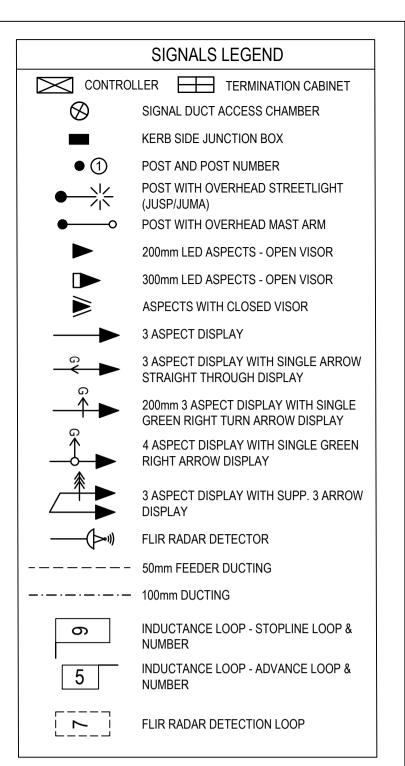
С	DUCTING AND CABLING REVISED	KA	18.01.24	LC	18.01.24
В	TENDER	KA	30.11.23	LC	30.11.23
Α	DETAILED DESIGN	KA	31.08.23	MF	31.08.23
No	Revision	Drawn	Date	Approved	Date



Plot Date: 5 March 2024 - 1:46 pm Plotted by: Kevin Astwood Cad File No: C:\Users\kevin\Documents\\_Jobs\1153 - Bombay Interchange\CADD\02 DETAILED DESIGN\23067-380.dwg

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	Luke Cameron         BE (Civil) MEM CPEng.         Mac Fauvel         BE (Civil)           T         +64 27 405 5492         T         +64 27 641 5590	This document may only be used by the client (and any other person upon	Approved	M. FAUVE	Ľ		
ISULTANTS	E   luke.cameron@cfprojects.co.nz E   mac.fauvel@cfprojects.co.nz	agreement) for the purpose for which it was prepared and must not be used by	Date	31 AUGUS	ST 2023		
	<u>www.cfprojects.co.nz</u> Masterton, New Zealand	any other person or for any other purpose.	Scale <sup>2</sup>	0 2 1:200 <b>SCALE</b>	4 1:200 AT 0	6 8 DRIGINAL S	

DETAILS
COMMENTS
Pole to fold down for O/S loads
Extension to support CCTV camera. Minimum clearance = 6.5M
Pole to fold down for O/S loads
Pole to fold down for O/S loads
Pole to fold down for O/S loads
Pole to fold down for O/S loads
Supports CCTV camera.
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ER FOR OVERSIZE LOAD ROUTE
UP DIAGRAM
$(4) \longrightarrow (7)$
$\leftarrow$ (1)



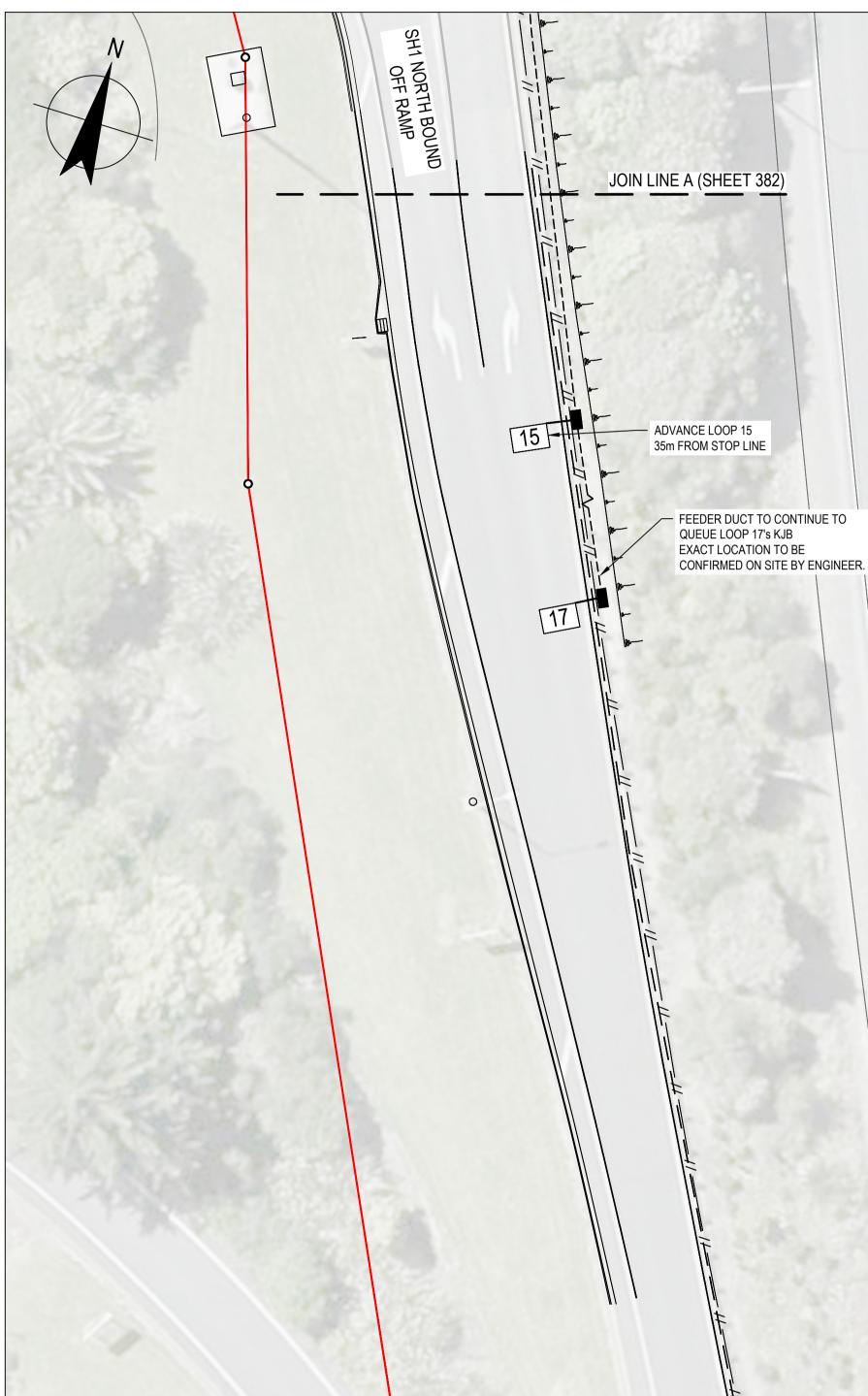
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- 17. ADVANCE LOOPS TO EXTEND PHASE AND NOT CALL.

# **TENDER**

NZ TRANSPORT AGENCY - WAKA KOTAHI Client **BOMBAY INTERCHANGE SIGNALISATION** Project **TRAFFIC SIGNALS - SHEET 2** Title MILL ROAD / SH1 INTERCHANGE PLAN Original Size A1 Drawing No: 23076 382

Rev: C



INSET A SCALE 1:200

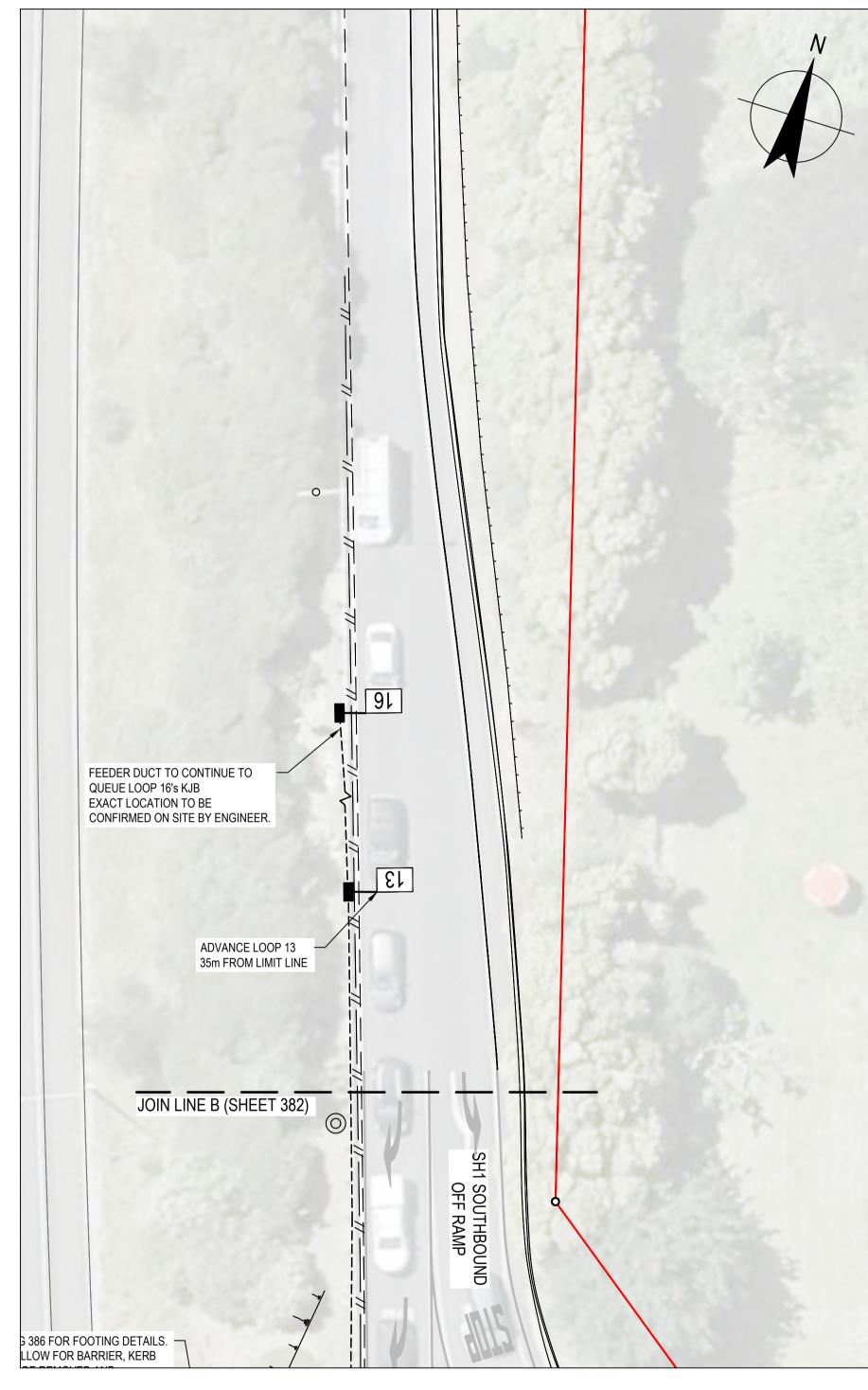
В	TENDER	KA	30.11.23	LC	30.11.23
Α	DETAILED DESIGN	KA	31.08.23	MF	31.08.23
No	Revision	Drawn	Date	Approved	Date



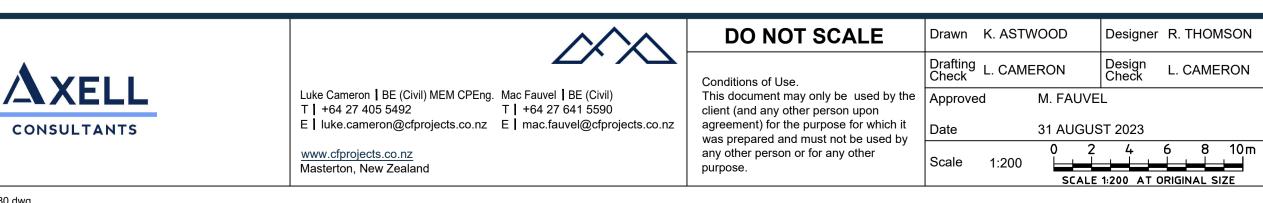
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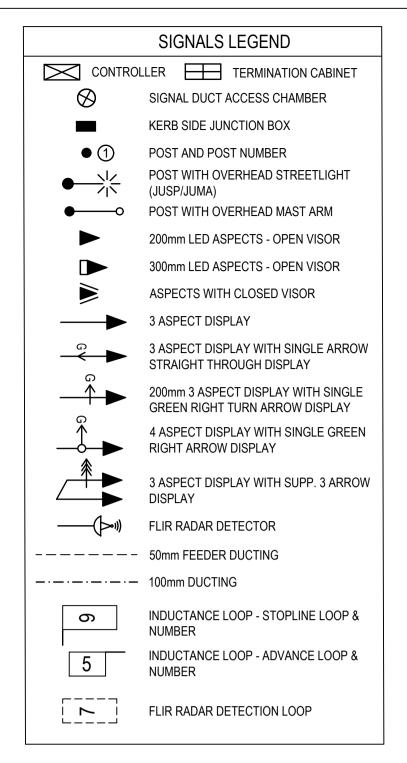
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INSET B SCALE 1:200





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## TENDER

**NZ TRANSPORT AGENCY - WAKA KOTAHI** Client **BOMBAY INTERCHANGE SIGNALISATION** Project **TRAFFIC SIGNALS - SHEET 3** Title SOUTHERN MOTORWAY PLAN

Original Size Drawing No: 23076

383