

DETAIL DESIGN (DET)

A1 REPRODUCTION SCALE

A3 REPRODUCTION SCALE

No.	Revision	By	Chk	Chk.V	Appd	Date
C	CERTIFIED ISSUE	VB				17/12/14

Original Scale (A1)	Design	Approved For Construction
1:250	Drawn	Date
Reduced Scale (A3)	Dwg Verifier	
1:500	Dwg Check	
	* Refer to Revision 1 for Original Signature	



MacKays to Peka Peka
Wellington Northern Corridor

Project: SH1 MACKAYS TO PEKA PEKA EXPRESSWAY
RP 1012/0.00 TO 1023/5.00

Title: SHEET 19
CWB WHAREMAUKU CROSSING MASTERPLAN

Drawing No: M2PP-121-D-DWG-8302

Rev: C

VS1- PERSPECTIVE OF CWB OVER THE WHAREMAUKU STREAM



A1 REPRODUCTION SCALE
0mm

A3 REPRODUCTION SCALE
0mm

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Reduced Scale (A3)	Design Verifier	
AS SHOWN	Design Check	

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Project	SH1 MACKAYS TO PEKA PEKA EXPRESSWAY RP 1012/0.00 TO 1023/5.00
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Title	SSMP 2[330-340-350] -SHEET 20 WHAREMAUKU CWB BRIDGE
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Drawing No.	M2PP-121-D-DWG-8601
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Rev.	C
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PLAN OF LIGHTING LOCATIONS

- P-CYCLEWAY LIGHTING
- D-ROAD LIGHTING
- U-UNDER BRIDGE LIGHTING
- UA-UNDER BRIDGE LIGHTING - ARCHITECTURAL

NOTE:
INDICATIVE
LIGHTING
FROM TOC
DESIGN - POLE
HEIGHTS AND
SPACING BY
OTHERS



A1 REPRODUCTION SCALE
0mm 20 40 60 80 100

A3 REPRODUCTION SCALE
0mm 10 20 30 40 50

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Project SH1 MACKAYS TO PEKA PEKA EXPRESSWAY
RP 1012/0.00 TO 1023/5.00

Title: SSMP 2[330-340-350] -SHEET 21
LIGHTING PLAN

Drawing No: M2PP-121-D-DWG-8701

Rev. C

PLAN OF LIGHTING LOCATIONS

- P-CYCLEWAY LIGHTING
- D-ROAD LIGHTING
- U-UNDER BRIDGE LIGHTING
- UA-UNDER BRIDGE LIGHTING - ARCHITECTURAL

NOTE:
INDICATIVE
LIGHTING
FROM TOC
DESIGN - POLE
HEIGHTS AND
SPACING BY
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A1 REPRODUCTION SCALE
0mm

A3 REPRODUCTION SCALE
0mm

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Project SH1 MACKAYS TO PEKA PEKA EXPRESSWAY
RP 1012/0.00 TO 1023/5.00

Title: SSMP 2[330-340-350] - SHEET 22
LIGHTING PLAN

Drawing No: M2PP-121-D-DWG-8702
Rev: C



PLAN OF LIGHTING LOCATIONS

- P-CYCLEWAY LIGHTING
- D-ROAD LIGHTING
- U-UNDER BRIDGE LIGHTING
- UA-UNDER BRIDGE LIGHTING - ARCHITECTURAL

NOTE:
INDICATIVE
LIGHTING
FROM TOC
DESIGN - POLE
HEIGHTS AND
SPACING BY
OTHERS



A1 REPRODUCTION SCALE
0mm
20
40
60
80
100

A3 REPRODUCTION SCALE
0mm
10
20
30
40
50

DETAIL DESIGN (DET)

C	CERTIFIED ISSUE	VB			17/12/14
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Original Scale (A1) 1:250	Design Drawn	Approved For Construction*
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Project: SH1 MACKAYS TO PEKA PEKA EXPRESSWAY
RP 1012/0.00 TO 1023/5.00

Title: SHEET 23
LIGHTING PLAN

Drawing No: M2PP-121-D-DWG-8703

Rev: C



PLAN OF LIGHTING LOCATIONS

- P-CYCLEWAY LIGHTING
- D-ROAD LIGHTING
- U-UNDER BRIDGE LIGHTING
- UA-UNDER BRIDGE LIGHTING - ARCHITECTURAL

NOTE:
INDICATIVE
LIGHTING
FROM TOC
DESIGN - POLE
HEIGHTS AND
SPACING BY
OTHERS



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DETAIL DESIGN (DET)

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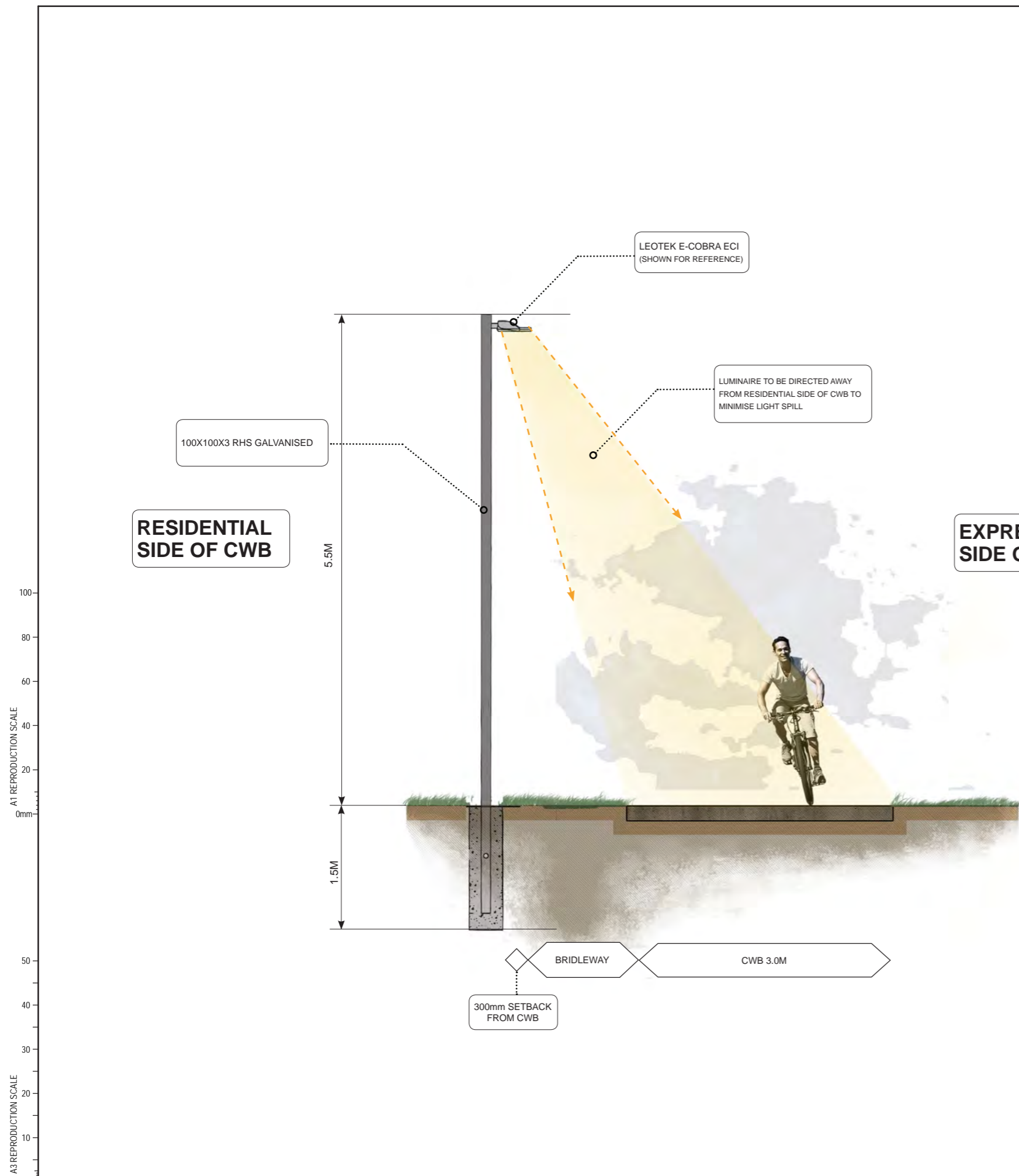
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Project: SH1 MACKAYS TO PEKA PEKA EXPRESSWAY
 RP 1012/0.00 TO 1023/5.00

Title: SHEET 24 LIGHTING PLAN

Drawing No: M2PP-121-D-DWG-8704

Rev: C



EXPRESSWAY SIDE OF CWB

RESIDENTIAL SIDE OF CWB

POLE HEIGHT	POLE SPACING	EXTRAPOLATED PROJECT QUANTITY
4.5M	26M	135
5.0M	28M	126
5.5M	30M	117
6.0M	31M	114
6.5M	32M	110

OPTIMUM POLE SPACING - COLUMN HEIGHT RATIO WITH SUGGESTED LUMINR (LEOTEK E-COBRA ECI)

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Project: SH1 MACKAYS TO PEKA PEKA EXPRESSWAY
RP 1012/0.00 TO 1023/5.00

Title: SHEET 25 - INDICATIVE LIGHT POLE CONFIGURATION

Drawing No: M2PP-121-D-DWG-8703
Rev: C