

A2I | Albury to Illabo

Urban Design and Landscape Plan

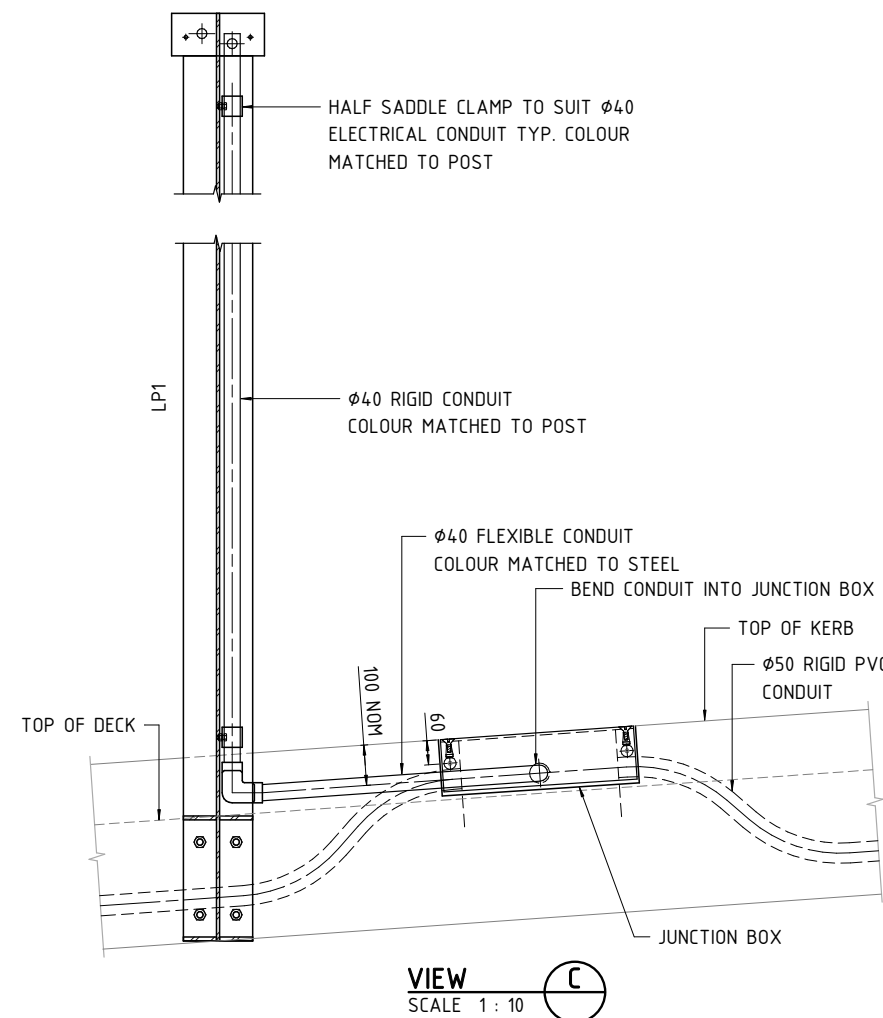
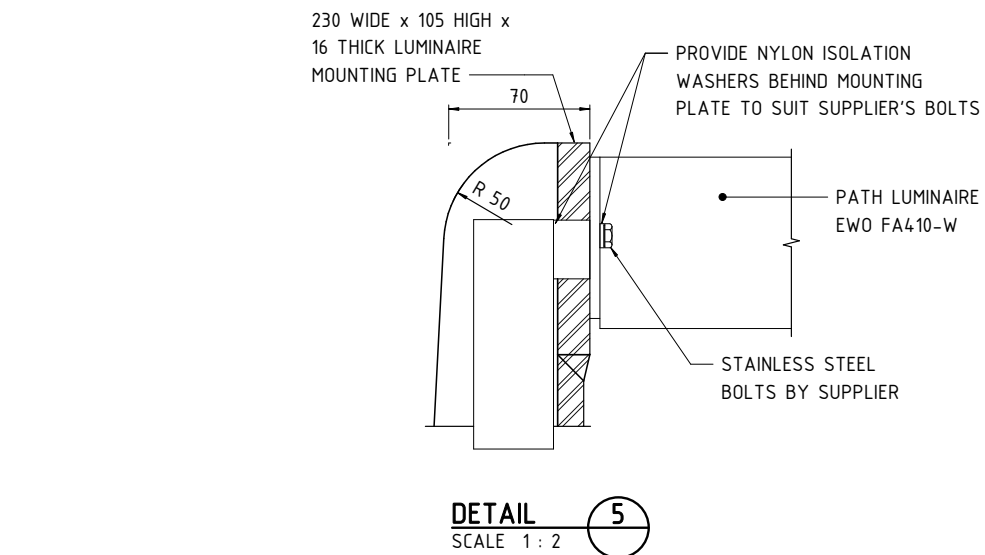
Appendix 6 Conduits and Services Details



Project Wide - Typical Details

Contents

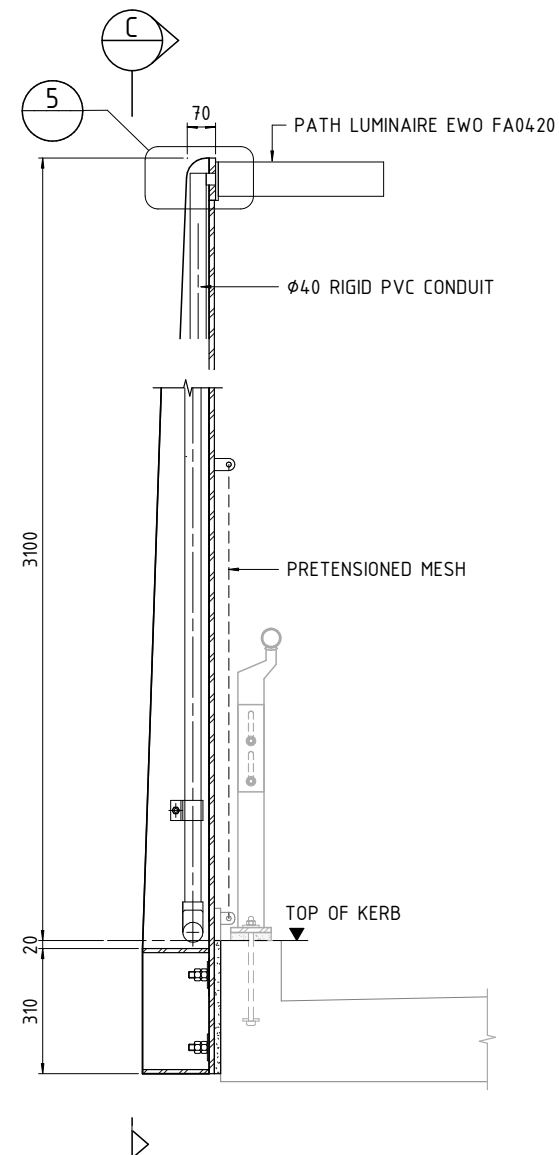
- A6 - 0001 - Project Wide - Typical Ramp Light Post Details
- A6 - 0002 - Project Wide - Truss Conduit Details
- A6 - 0003 - Project Wide - Typical Truss Bridge Lighting Details
- A6 - 0004 - Project Wide - Typical Girder Bridge Lighting Details



Typical Kerb Junction Box with Conduit

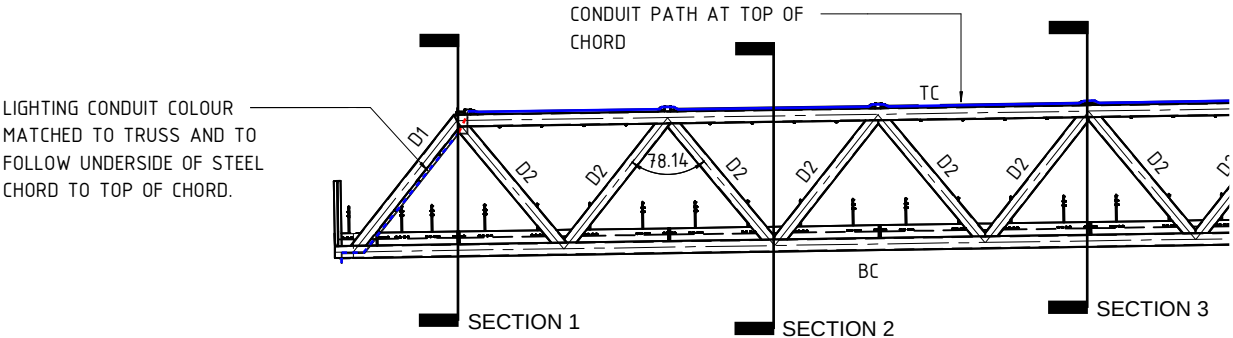
1:2 / 1:4
A1 / A3

0 20 40 60 80mm

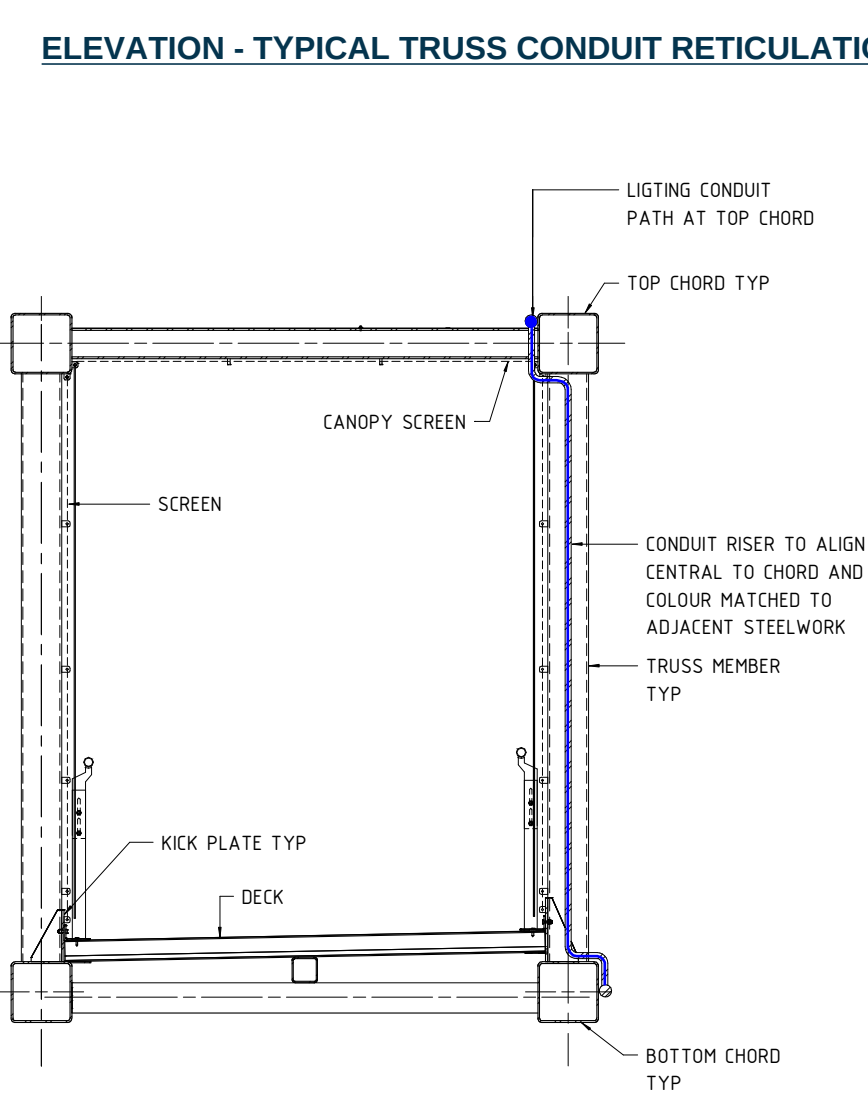


Typical Light Post Conduit Arrangement

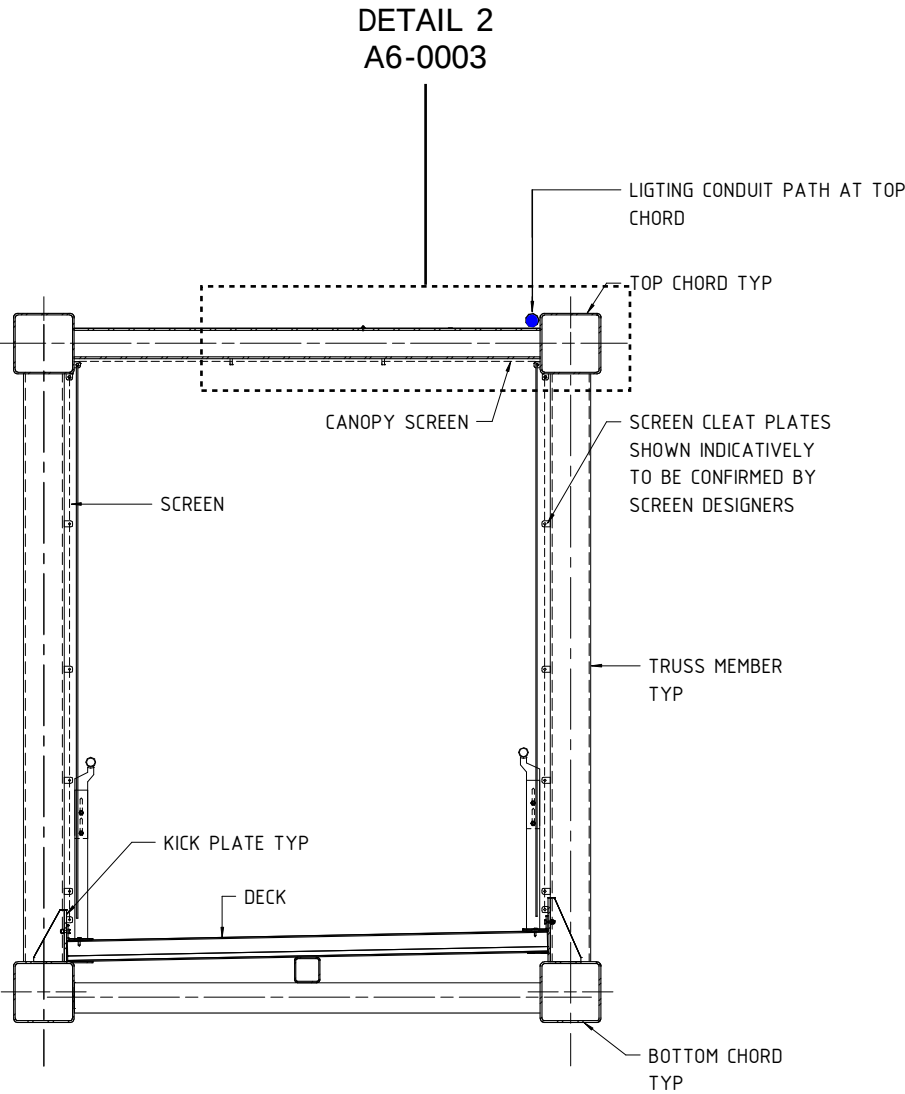
Project Wide - Typical Ramp Light Post Details



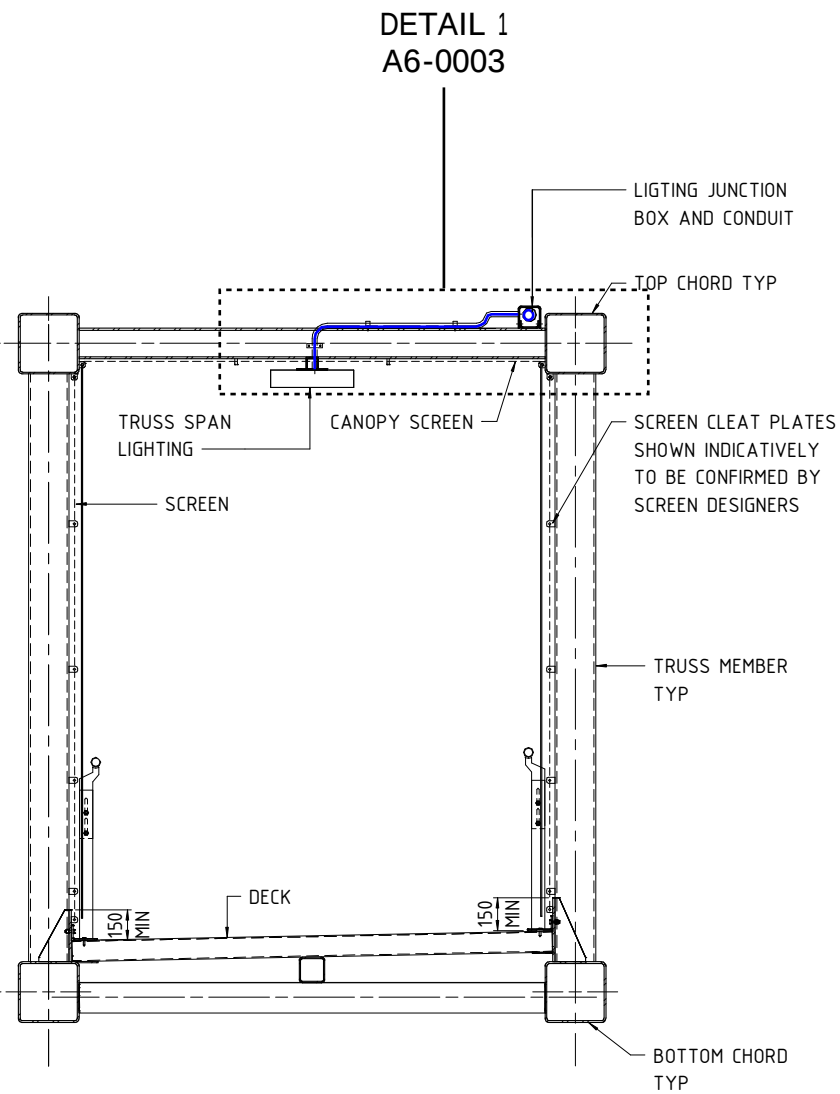
ELEVATION - TYPICAL TRUSS CONDUIT RETICULATION



SECTION 1 - CONDUIT RISER

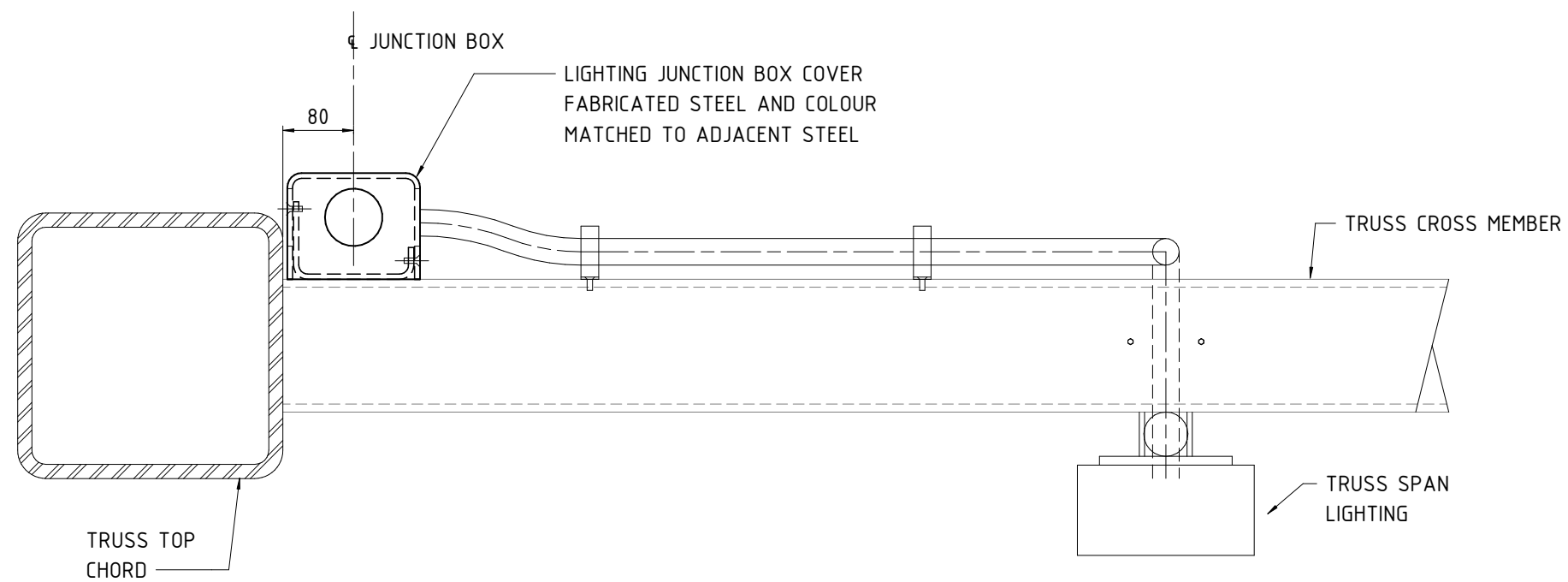


SECTION 2 - TYPICAL CONDUIT RETICULATION

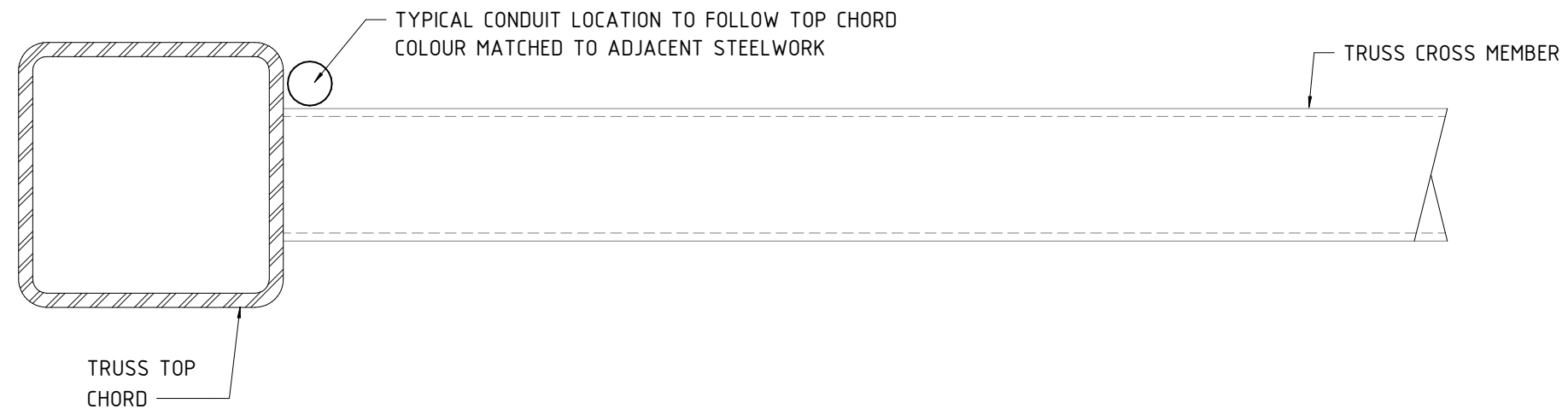


SECTION 3 - TYPICAL LIGHTING CONNECTION

Project Wide - Truss Conduit Details

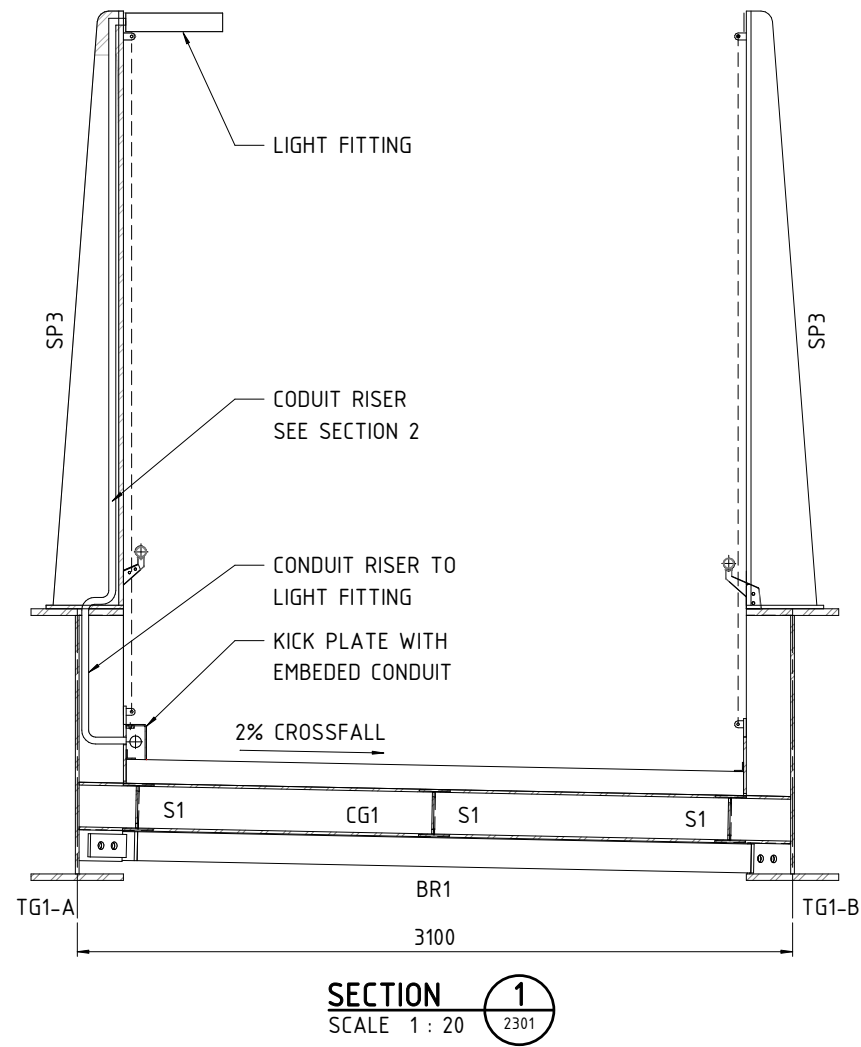


DETAIL 1 - Typical Truss Bridge Lighting Conduit Detail

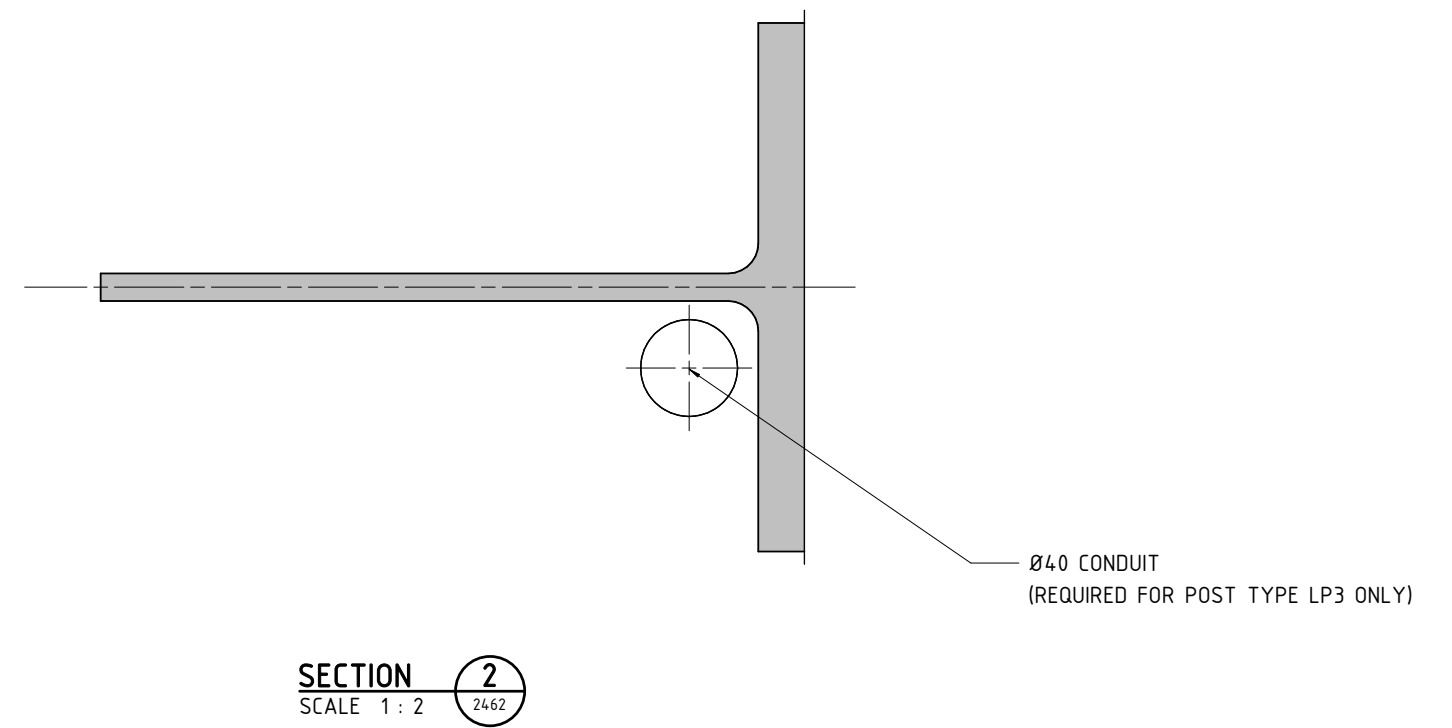


DETAIL 2 - Typical Truss Bridge Lighting Conduit Reticulation

Project Wide - Typical Truss Bridge Lighting Details

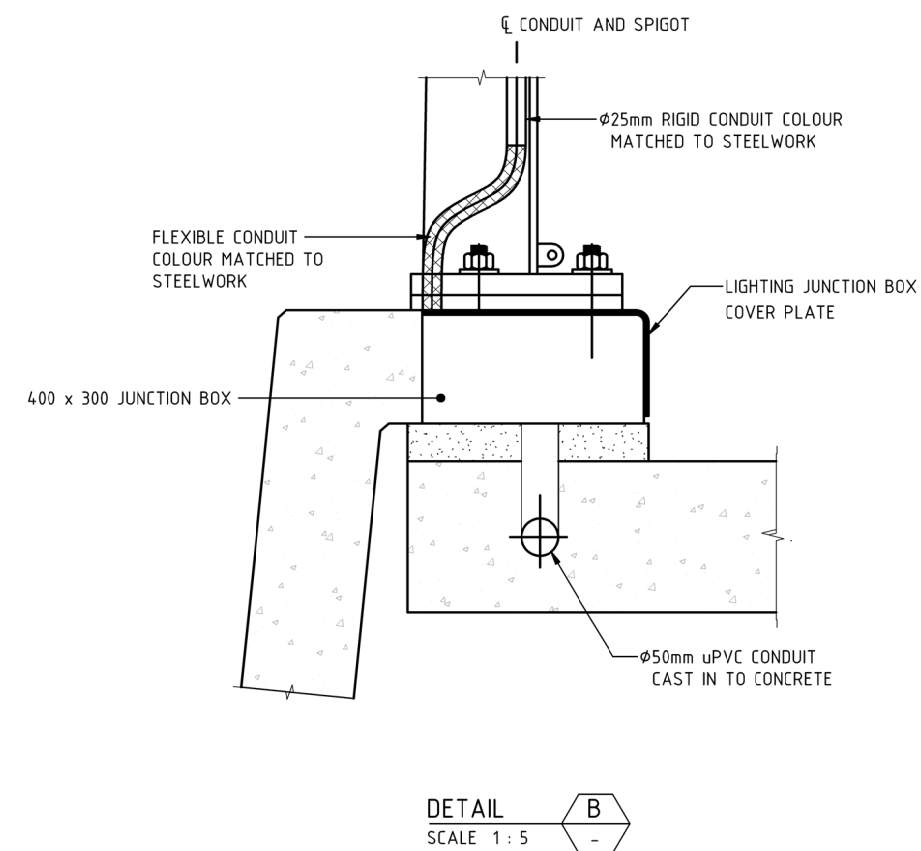
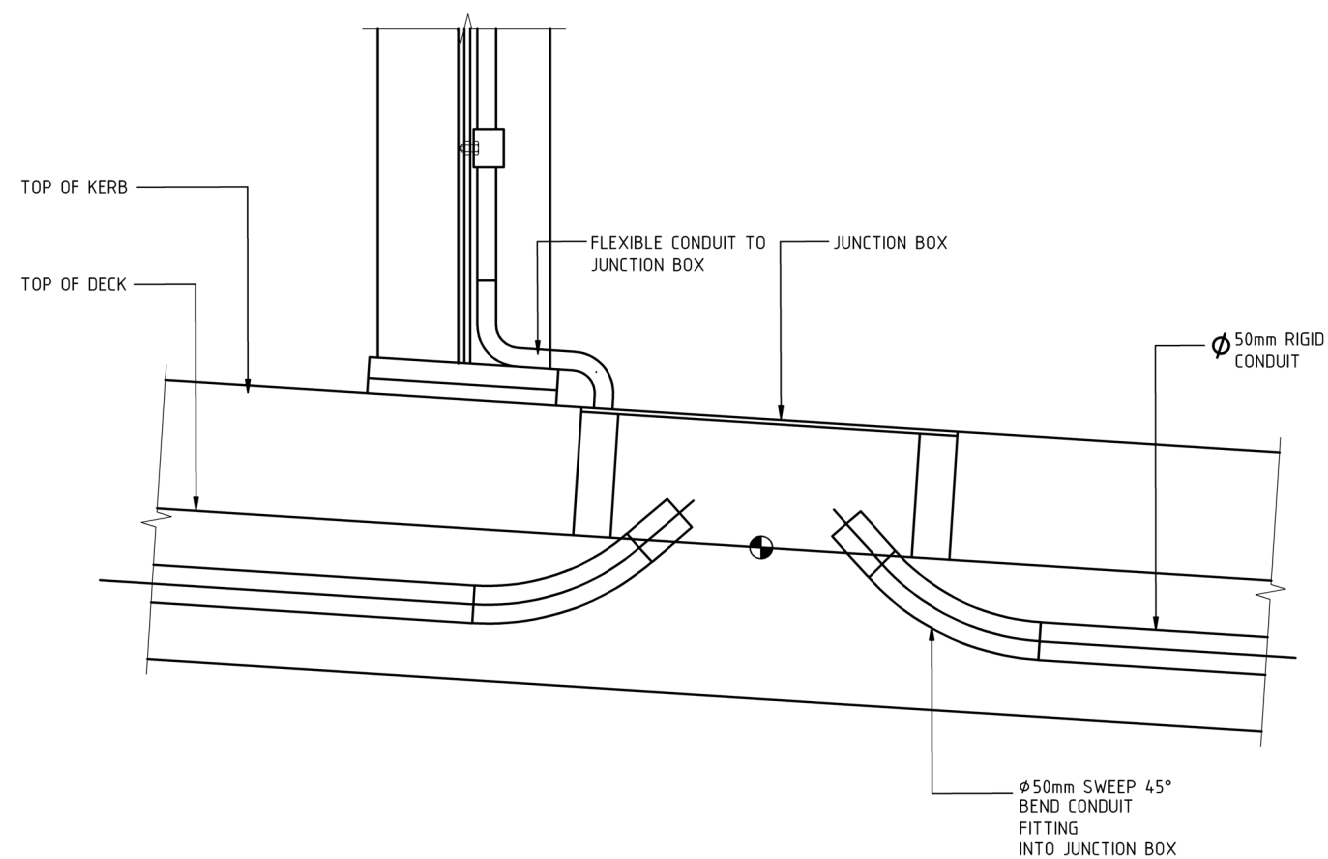
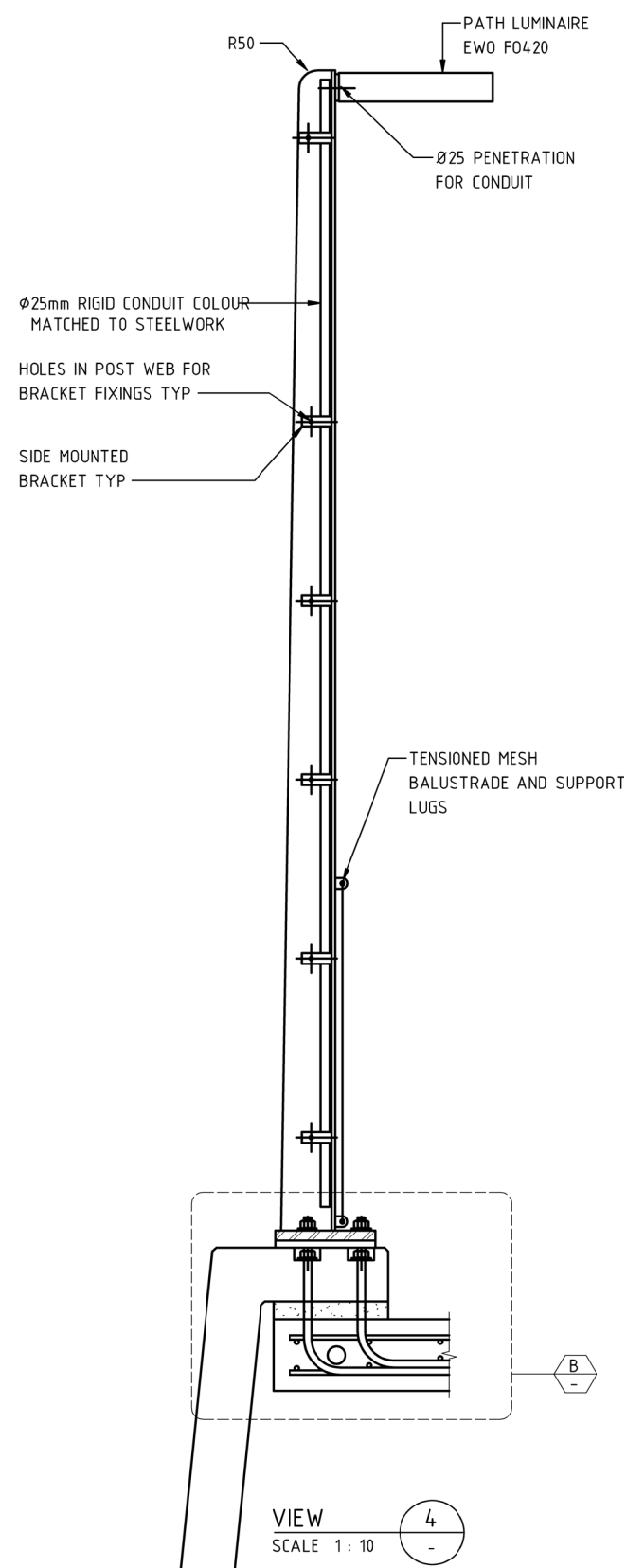


DETAIL 1 - Typical Girder Bridge Lighting Conduit Detail



DETAIL 2 - Plan - Typical Post Conduit Riser

Project Wide - Typical Girder Bridge Lighting Details

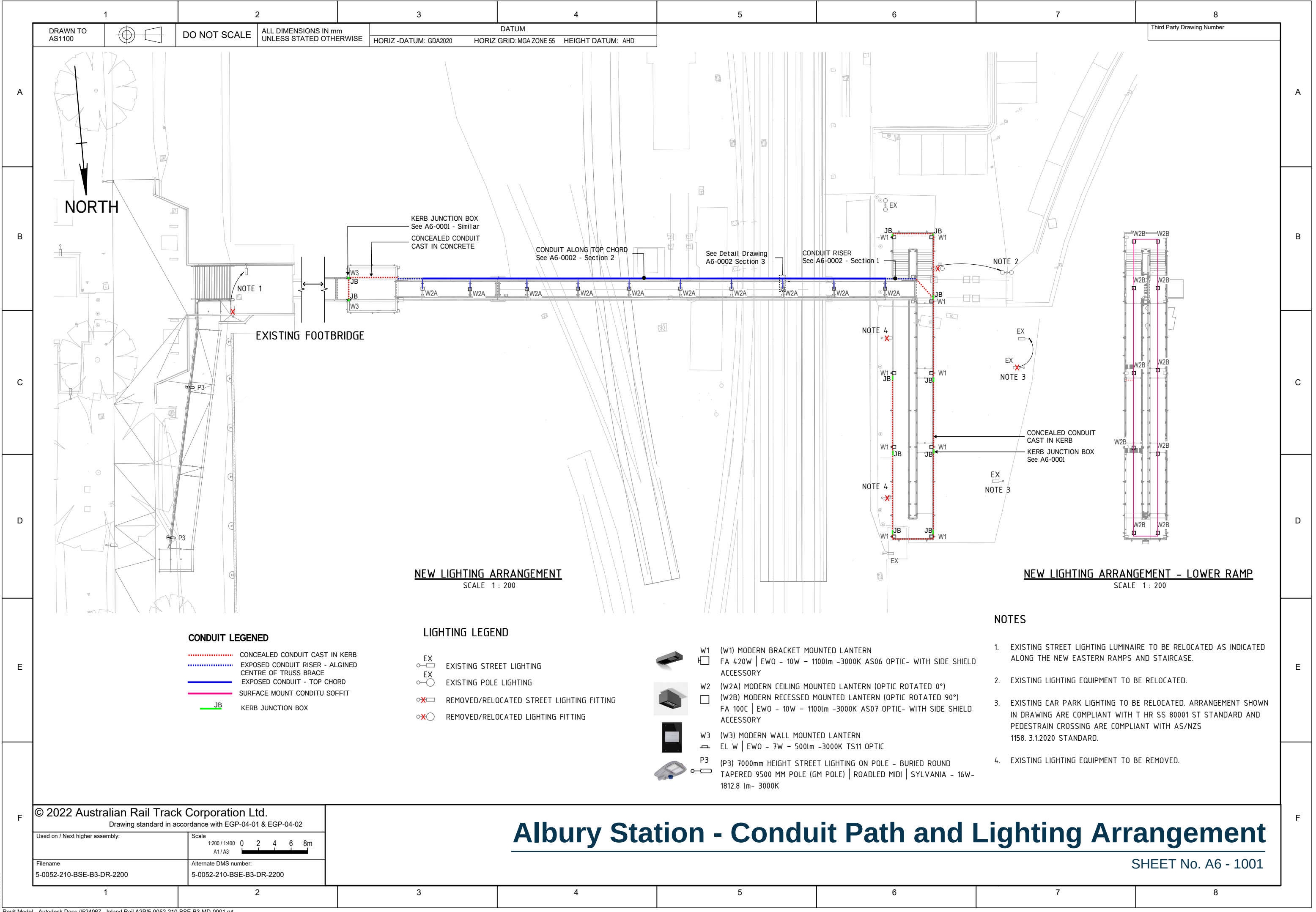


Project Wide - Typical Infrastructure Bridge Lighting Details

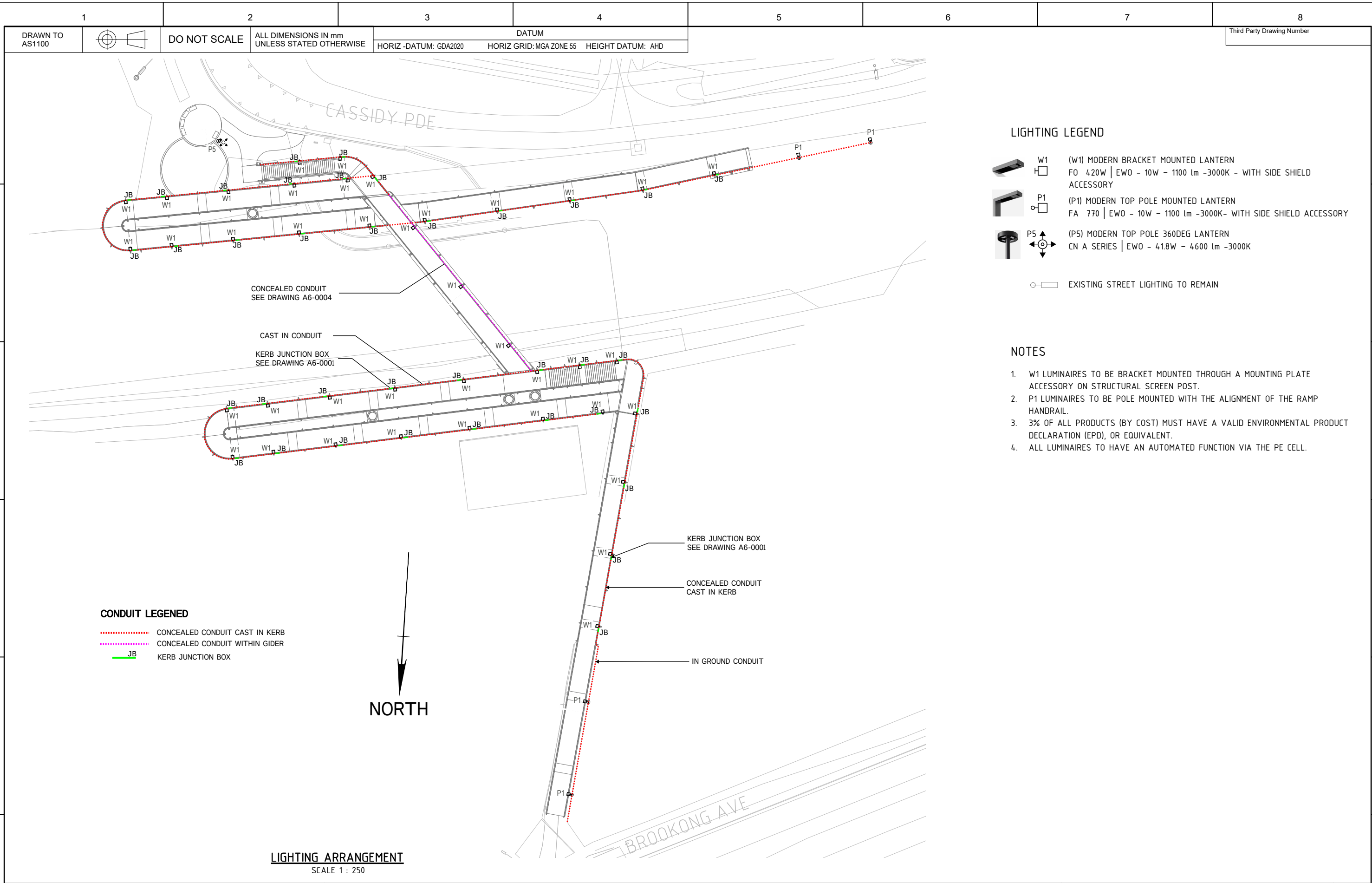
Site Lighting and Conduit Plans

Contents

- A6 - 1001 - Albury Station - Conduit Path and Lighting Arrangement**
- A6 - 2001 - Wagga Wagga Station - Conduit Path and Lighting Arrangement**
- A6 - 3001 - Cassidy Parade Footbridge - Conduit Path and Lighting Arrangement**
- A6 - 4001 - Edmondson Street Bridge - Conduit Path and Lighting Arrangement**
- A6 - 5001 - Kemp Street Bridge - Conduit Path and Lighting Arrangement**



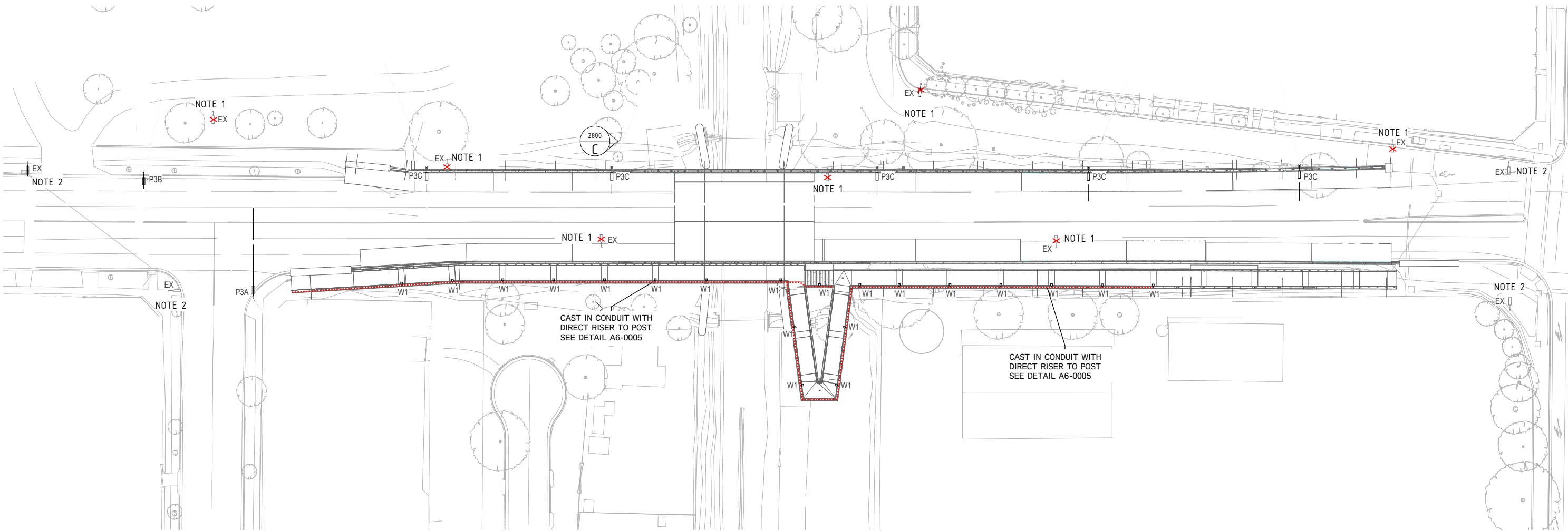
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© 2022 Australian Rail Track Corporation Ltd.	
Drawing standard in accordance with EGP-04-01 & EGP-04-02	
Used on / Next higher assembly:	Scale 1:250 / 1:500 A1 / A3
Filename 5-0052-210-BSE-W4-DR-2201	Alternate DMS number: 5-0052-210-BSE-W4-DR-2201

Cassidy Parade - Conduit Path and Lighting Arrangement

SHEET No. A6 - 3002



LIGHTING ARRANGEMENT
SCALE 1 : 400

LIGHTING LEGEND

- | | | |
|--|-----|---|
| | EX | EXISTING STREET LIGHTING TO BE REMOVED |
| | EX | EXISTING STREET LIGHTING TO REMAIN |
| | P3A | (P3A) WOOD STREET LIGHTING POLE (H=9M) - AVENTO 1 - SYLVANIA - 150W - 19,792 LM - 4000K |
| | P3B | (P3B) STEEL STREET LIGHTING POLE (H=9M) - AVENTO 1 - SYLVANIA - 150W - 19,792 LM - 4000K |
| | P3C | (P3C) STEEL STREET LIGHTING POLE (H=10.5M) - AVENTO 1 - SYLVANIA - 150W - 19,792 LM - 4000K |
| | W1 | (W1) MODERN WALL MOUNTED LANTERN - FO 420W EWO 10W - 1100 LM -3000K - SIDE SHIELD ACCESSORY |

CONDUIT LEGENED

..... CONCEALED CONDUIT CAST IN CONCRETE

GENERAL NOTES:

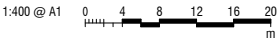
- EXISTING STREET LIGHTING EQUIPMENT TO BE REMOVED.
- EXISTING STREET LIGHTING EQUIPMENT TO BE RETAINED.
- NEW STREET LIGHTING EQUIPMENT ON BRIDGE TO BE MOUNTED BEHIND THE SAFETY FENCE OF THE ROAD. FOR POLE MOUNTING DETAILS, REFER TO SECTION AND DETAIL DRAWING 5-0052-210-BSE-W5-DR-2800.
- 3% OF ALL PRODUCTS (BY COST) MUST HAVE A VALID ENVIRONMENTAL PRODUCT DECLARATION (EPD), OR EQUIVALENT.

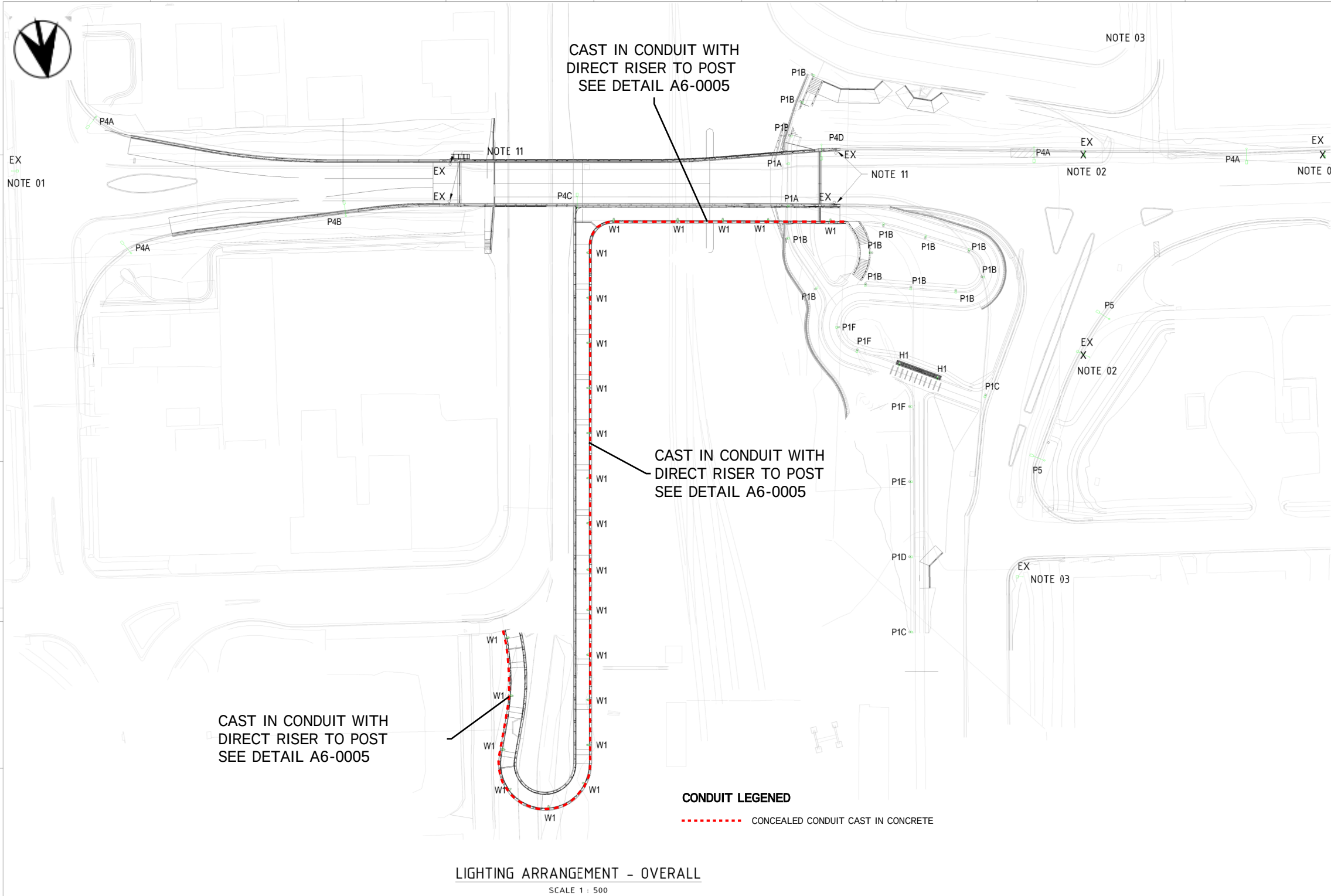
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REFERENCES:

Edmondson Street Bridge - Conduit Path and Lighting Arrangement

SHEET No. A6 - 4001





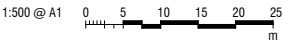
LIGHTING LEGEND	
	P1A - BURED POLE MOUNTED LANTERN (EWO- FA770 /M1) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - POLE = 2600mm
	P1B - BURED POLE MOUNTED LANTERN (EWO- FA770 /M1) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - POLE = 3000mm
	P1C - BURED POLE MOUNTED LANTERN (EWO- FA770 /M1) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - POLE = 5000mm
	P1D - BURED POLE MOUNTED LANTERN (EWO- FA770 /M1) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - POLE = 6000mm
	P1E - BURED POLE MOUNTED LANTERN (EWO- FA1070 /M1) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - POLE = 7000mm
	P1F - BURED POLE MOUNTED LANTERN (EWO- FA1070 /M1) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - POLE = 8000mm
	W1 - BRACKET MOUNTED LANTERN (EWO- FA 410 /W) 10W 1100lm 3000K (CRI 80) AS 06 OPTIC - MOUNTING HEIGHT = 3000mm
	H1 - RELAMPED EXISTING HERITAGE LIGHTING POLE (WE EF - 127-8302) 9W 980lm 3000K (CRI 80) ASYMMETRIC SIDE THROW S70 - MOUNTING HEIGHT = 5000mm
	P4A - BURED TIMBER POLE MOUNTED LANTERN (EWO- F SYSTEM M- F6) 93W 11200lm 3000K (CRI 80) AS08 OPTIC - POLE = 14000mm X 4kN
	P4B - BURED TIMBER POLE MOUNTED LANTERN (EWO- F SYSTEM M- F6) 180W 17600lm 3000K (CRI 80) AS06 OPTIC - POLE = 15500mm X 4kN
	P4C - MOUNTED PLATE STEEL POLE WITH LANTERN (EWO- F SYSTEM M- F6) 180W 17600lm 3000K (CRI 80) AS06 OPTIC - POLE = 12000mm
	P4D - BURED TIMBER POLE MOUNTED LANTERN (EWO- F SYSTEM M- F6) 180W 17600lm 3000K (CRI 80) AS06 OPTIC - POLE = 18500mm X 6kN
	P5 - BURED TIMBER POLE MOUNTED LANTERN (SYLVANIA- AVENTO 2) 225W 33000lm 4000K (CRI 70) PSN07 OPTIC - POLE = 14000mm X 4kN

CONDUIT LEGENED
..... CONCEALED CONDUIT CAST IN CONCRETE

LIGHTING ARRANGEMENT - OVERALL
SCALE 1 : 500

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REFERENCES:
5-0052-210-SBD-J2-MD-2001.rvt
5-0052-210-DCW-J2-M2D-2001.dwg



Kemp Street Bridge - Conduit Path and Lighting Arrangement

SHEET No. A6 - 5001

Autodesk Docs //524067 - Inland Rail A2P15-0052-210-BSE-J2-MD-0001.rvt
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