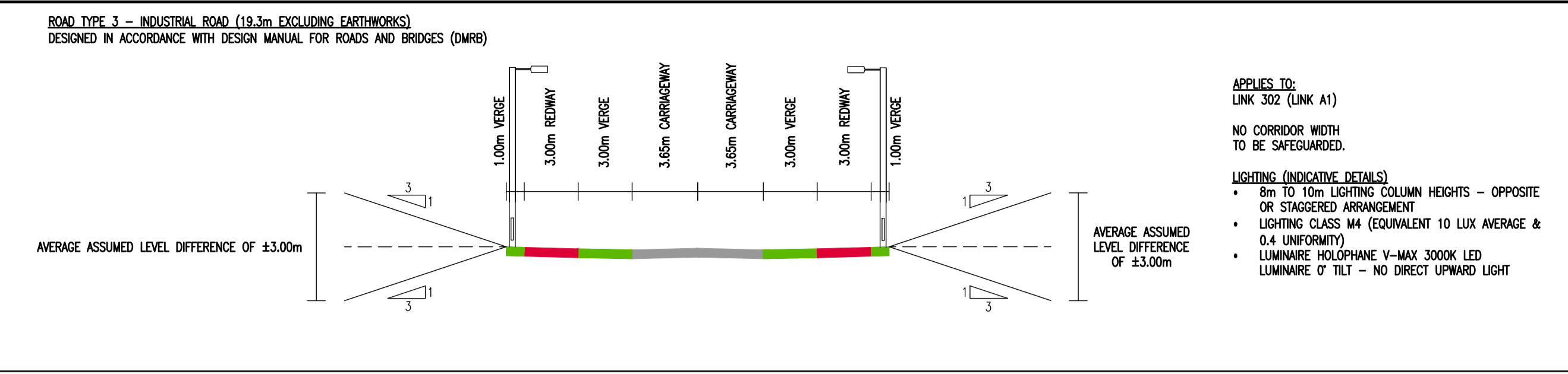
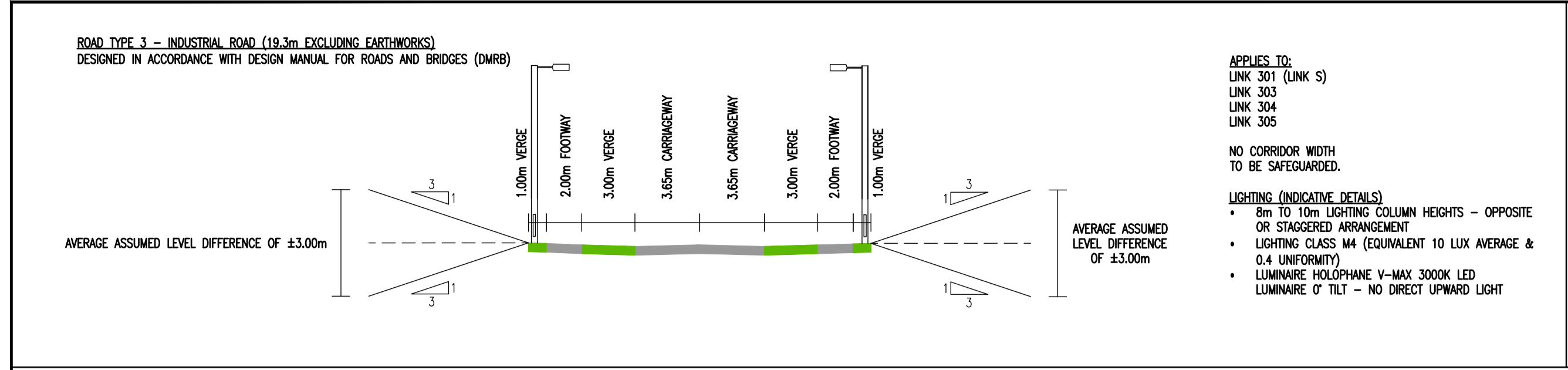
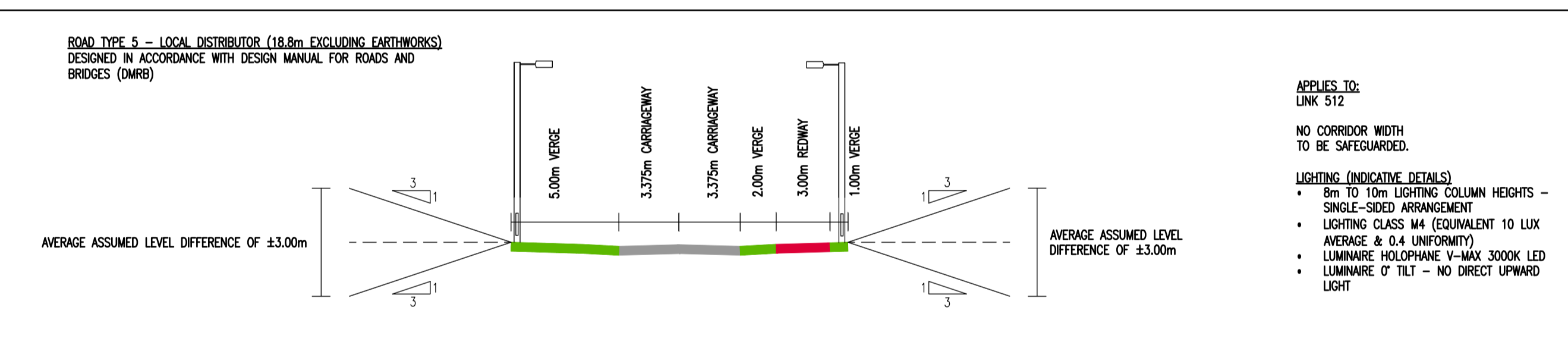
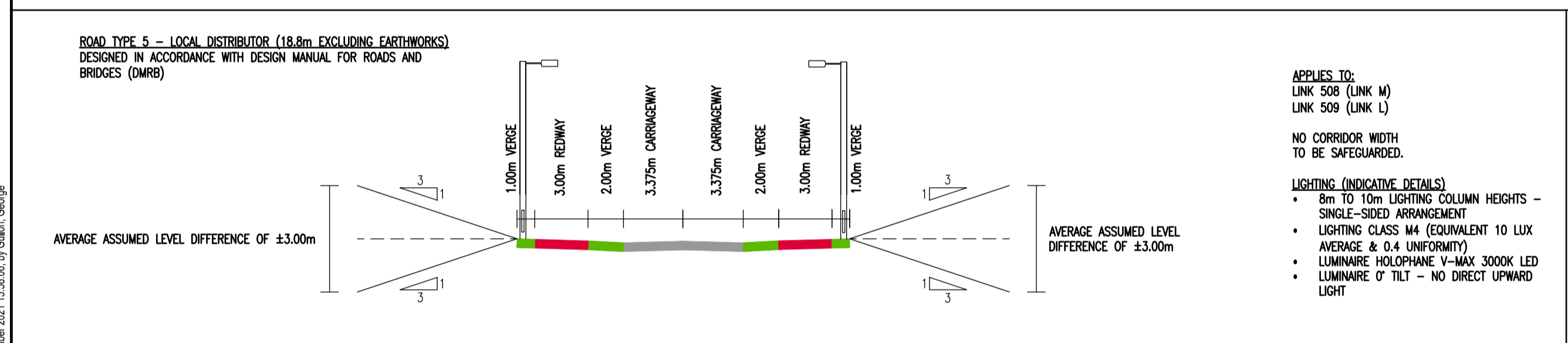
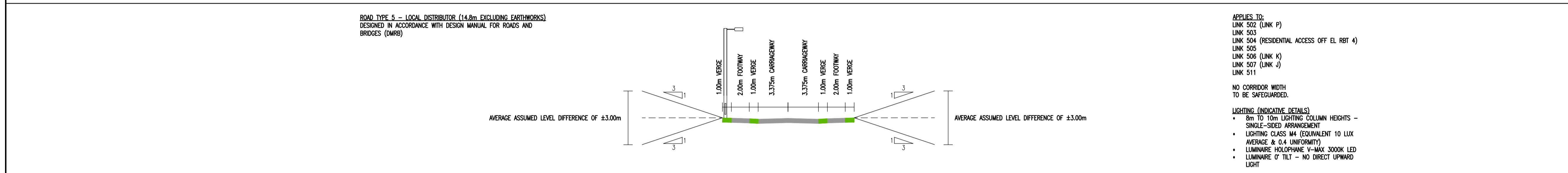
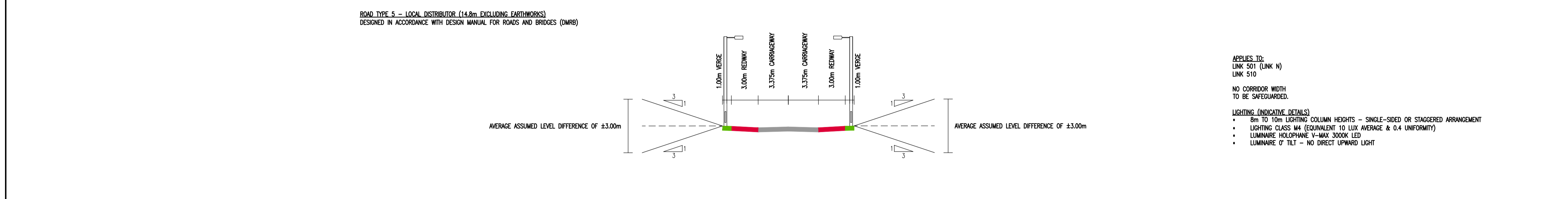


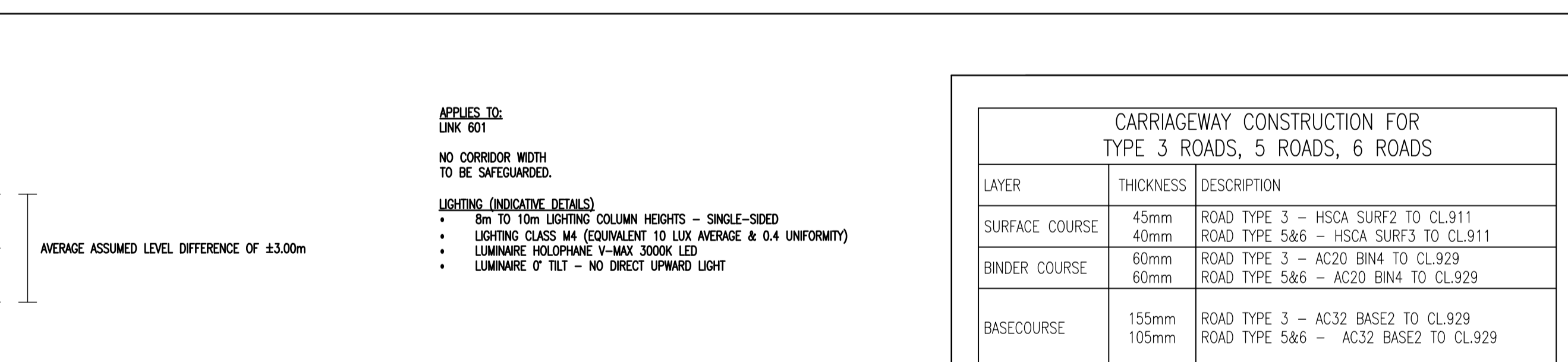
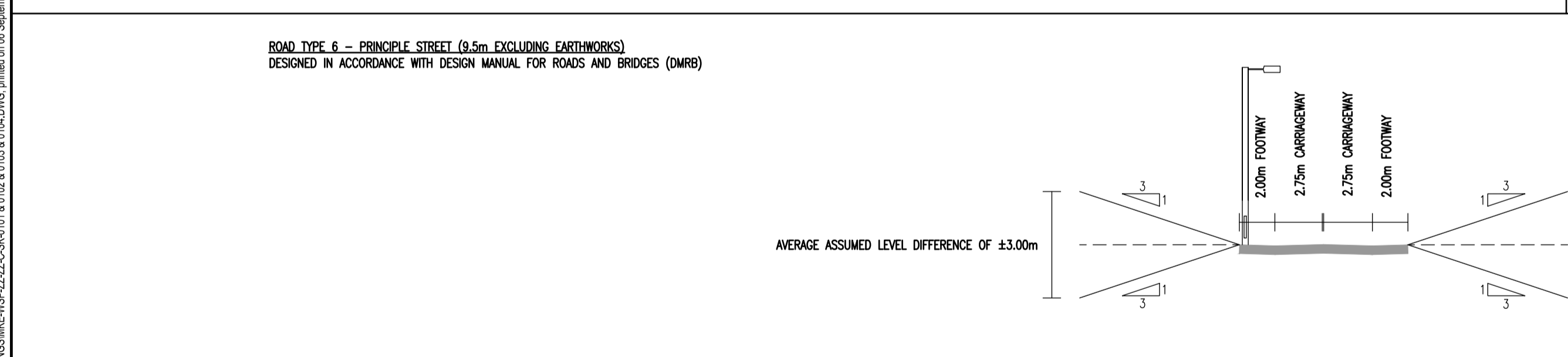
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- NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
  - ALL DESIGN CRITERIA AND DIMENSIONS ARE SUBJECT TO APPROVAL FROM THE LOCAL AUTHORITY.
  - ALL REDWAY CONSTRUCTION DETAILS HAVE BEEN RECEIVED FROM BERKELEY ST JAMES ON THE 24/07/2020 PLEASE REFER TO DRAWING MKC/1100/005A – REDWAY CONSTRUCTION DETAILS.
  - OUTSIDE VERGES MAY BE WIDENED TO ALLOW FOR SIGNS, SAFETY BARRIER AND NOISE FENCE WHICH WILL BE DETERMINED DURING DETAILED DESIGN.
  - THE LIGHTING PROPOSALS SHOWN ARE SUBJECT TO CHANGE FOLLOWING FURTHER DESIGN DEVELOPMENT CONSIDERING SENSITIVE ENVIRONMENTAL CONSTRAINTS AND APPROVAL REQUIREMENTS FROM THE LOCAL AUTHORITY.
  - LIGHTING TO ROUNDABOUTS TO INCLUDE 10M TO 12M COLUMN HEIGHTS & LIGHTING LEVELS RANGING FROM 20 TO 30 LUX AVERAGE & 0.4 UNIFORMITY.



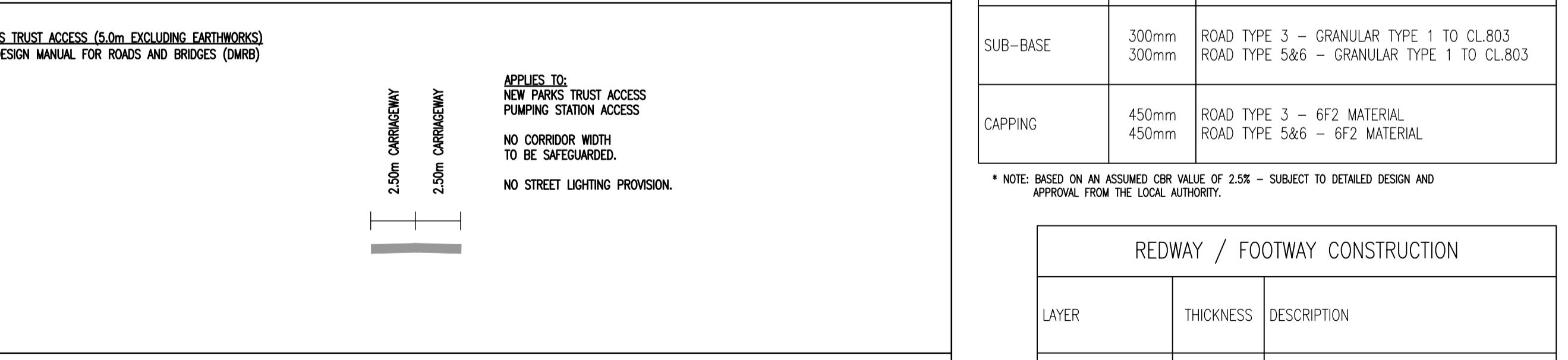
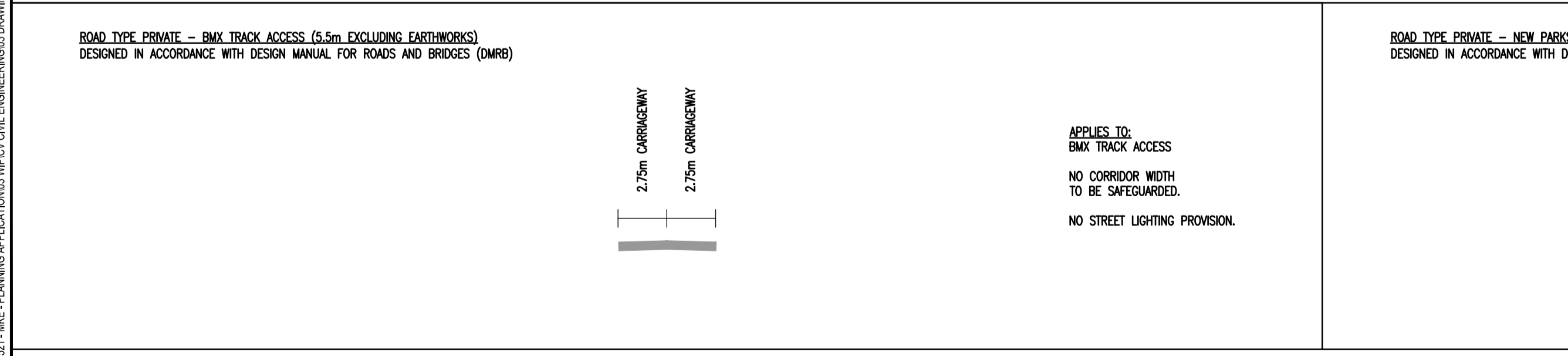
UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES OR STATUTORY BODIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR AND / OR EMPLOYER COMMENCE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT THEIR OWN RISK



REV	DATE	BY	DESCRIPTION	CHK	APP
P04	30/07/2021	OPL	CONSTRUCTION DETAILS AMENDED	WSP	SAP
P03	09/07/2021	DB	SECTIONS FOR LINKS 511-512 ADDED	WSP	SAP
P02	26/03/2021	GLG	MINOR AMENDMENTS FOR PLANNING	WSP	SAP
P01	12/03/2021	GLG	ISSUED FOR PLANNING	WSP	SAP

DRAWING STATUS: **S4 - FOR APPROVAL**

Mountbatten House, Basing View, Basingstoke, RG21 4HJ, UK  
T+ 44 (0) 1256 318 800, F+ 44 (0) 1256 318 700  
wsp.com



**CARRIAGEWAY CONSTRUCTION FOR TYPE 3 ROADS, 5 ROADS, 6 ROADS**

LAYER	THICKNESS	DESCRIPTION
SURFACE COURSE	45mm	ROAD TYPE 3 – HSCA SURF2 TO CL.911
	40mm	ROAD TYPE 5&6 – HSCA SURF3 TO CL.911
BINDER COURSE	60mm	ROAD TYPE 3 – AC20 BIN4 TO CL.929
	60mm	ROAD TYPE 5&6 – AC20 BIN4 TO CL.929
BASECOURSE	155mm	ROAD TYPE 3 – AC32 BASE2 TO CL.929
	105mm	ROAD TYPE 5&6 – AC32 BASE2 TO CL.929
SUB-BASE	300mm	ROAD TYPE 3 – GRANULAR TYPE 1 TO CL.803
	300mm	ROAD TYPE 5&6 – GRANULAR TYPE 1 TO CL.803
CAPPING	450mm	ROAD TYPE 3 – 6F2 MATERIAL
	450mm	ROAD TYPE 5&6 – 6F2 MATERIAL

\* NOTE: BASED ON AN ASSUMED CBR VALUE OF 2.5% – SUBJECT TO DETAILED DESIGN AND APPROVAL FROM THE LOCAL AUTHORITY.

**REDWAY / FOOTWAY CONSTRUCTION**

LAYER	THICKNESS	DESCRIPTION
SURFACE COURSE	25mm	REDWAY – AC6 RED TO CL.909 MKCA FOOTWAY – AC6 TO CL.909
BINDER COURSE	50mm	REDWAY – AC20 TO CL.929 FOOTWAY – AC20 TO CL.929
BASECOURSE	70mm	REDWAY – AC32 TO CL.929 FOOTWAY – AC32 TO CL.929
SUB-BASE	300mm	REDWAY – GRANULAR TYPE 1 TO CL.803
	150mm	FOOTWAY – GRANULAR TYPE 1 TO CL.803
CAPPING	-	ADDITIONAL SUB-BASE AS REQUIRED

\* NOTE: BASED ON AN ASSUMED CBR VALUE OF 2.5% – SUBJECT TO DETAILED DESIGN AND APPROVAL FROM THE LOCAL AUTHORITY.

CLIENT: **BERKELEY ST JAMES**

ARCHITECT: **JTP / STEPHEN GEORGE AND PARTNERS**

SITE PROJECT: **MILTON KEYNES EAST**

TITLE: **GEOMETRY DETAILS OF INDICATIVE ROAD CROSS SECTIONS SHEET 4 OF 4**

SCALE @ A1: 1:250	CHECKED: ARP	APPROVED: SAP
PROJECT NO: 70057521	DESIGNED: GLG	DRAWN: GLG
DATE: March 21	DATE: March 21	DATE: March 21

DRAWING NO: **MKE-WSP-ZZ-ZZ-C-SK-0104** REV: **P04**

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