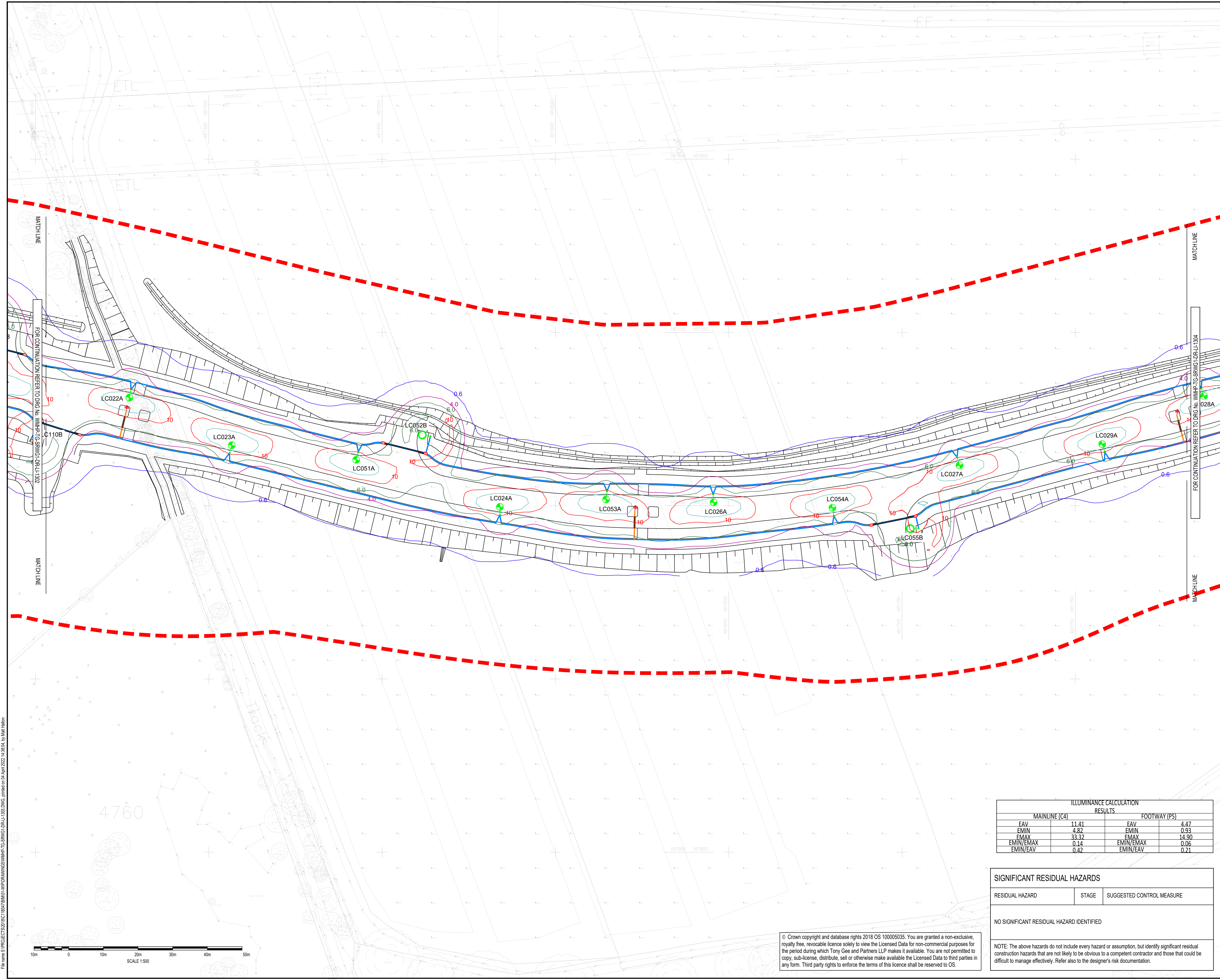


File name: S:\PROJECTS\2018\1807\BIM\01\WIP\DRAWINGS\WMP-TG-SRWG1-DR-LI-1303.DWG, printed on 04 April 2022 14:38:04, by Matt Hutton



DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SPECIFICATION REFERENCE: WMP-TG-SRWG1-SP-LI-1301 AND DRAWING WMP-TG-SRWG1-DR-LI-1321.

3. ROAD LIGHTING DESIGNED TO CE4 FOR THE MAINLINE DUE TO HORIZONTAL CURVE <500m AND CE3 FOR TWO JUNCTION CONFLICT ZONES IDENTIFIED.

4. ALL LUMINAIRES SHALL BE WARM WHITE 3000K.

5. FOOTWAY LIGHTING DESIGNED TO P5 AT MINIMUM.

6. THE COLUMNS TO BE FITTED WITH SCREENS/BAFFLES TO MEET ECOLOGICAL REQUIREMENTS HAVE BEEN IDENTIFIED IN THE SCHEDULE

LEGEND

RED LINE BOUNDARY

EXISTING LIGHTING COLUMN TO BE RETAINED. MF = 0.74

8m POST TOP COLUMN, WITH 1x DW WINDSOR KIRIUM PRO2

48 LED 3k A1 CLO 400mA UMSUG LUMINAIRE. MF = 0.85

8m POST TOP COLUMN WITH 1x DW WINDSOR KIRIUM PRO2

64 LED 3k A5 CLO 750mA UMSUG LUMINAIRE. MF = 0.85

10m POST TOP COLUMN, WITH 1x DW WINDSOR KIRIUM PRO2

48 LED 3k A1 CLO 400mA UMSUG LUMINAIRE. MF = 0.85

10m POST TOP COLUMN WITH 1x DW WINDSOR KIRIUM PRO2

64 LED 3k A5 CLO 750mA UMSUG LUMINAIRE. MF = 0.85

8m POST TOP COLUMN WITH 1x DW WINDSOR KIRIUM PRO2

48 LED 3k C3 CLO 200mA UMSUG LUMINAIRE. MF = 0.81

LUMINAIRE SPECIFIED IN EASTERN GATEWAY DESIGN PACKAGE

2No. 50mm Ø ORANGE DUCTS U.N.O. FOR ELECTRICITY SUPPLY TO ILLUMINATED SIGNS.

DUCTED LIGHTING CIRCUIT.

2No. 100mm Ø ORANGE DUCTS U.N.O.

900mm x 800mm DRAWPIT.

LUX CONTOURS.

CONFLICT AREA.

SHEET LOCATION PLAN

N.T.S

SWDR - SPINE ROAD AND WESTERN GATEWAY PHASE 1

PM4	01/04/2022	MH	INTERNAL REVIEW UPDATES	ARL	JC
PM2	10/08/2021	JF	REVISED FOR PLANNING DISCHARGE AND SCO COMMENTS	DJF	JC
PM1	23/03/2021	ALM	FIRST ISSUE	DJF	JC
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: SUITABLE FOR REVIEW & COMMENT S3

DESIGNER:

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PROJECT:

WOKINGHAM MAJOR HIGHWAYS PROGRAMME
SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:

HIGHWAYS
LIGHTING
PLAN LAYOUT

SHEET 3

SCALE @ A1:	CHECKED:	APPROVED:
1:500	DJF	JC

PROJECT NO:	DESIGNED:	DRAWN:	DATE
C118047	ALM	ALM	October 19

DRAWING NO:	REV:
WMHP-TG-SRWG1-DR-LI-1303	P04

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ILLUMINANCE CALCULATION RESULTS			
MAINLINE (C4)		FOOTWAY (P5)	
EAV	11.41	EAV	4.47
EMIN	4.82	EMIN	0.93
EMAX	33.32	EMAX	14.90
EMIN/EMAX	0.14	EMIN/EMAX	0.06
EMIN/EAV	0.42	EMIN/EAV	0.21

SIGNIFICANT RESIDUAL HAZARDS		
RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
NO SIGNIFICANT RESIDUAL HAZARD IDENTIFIED		
NOTE: The above hazards do not include every hazard or assumption, but identify significant residual construction hazards that are not likely to be obvious to a competent contractor and those that could be difficult to manage effectively. Refer also to the designer's risk documentation.		