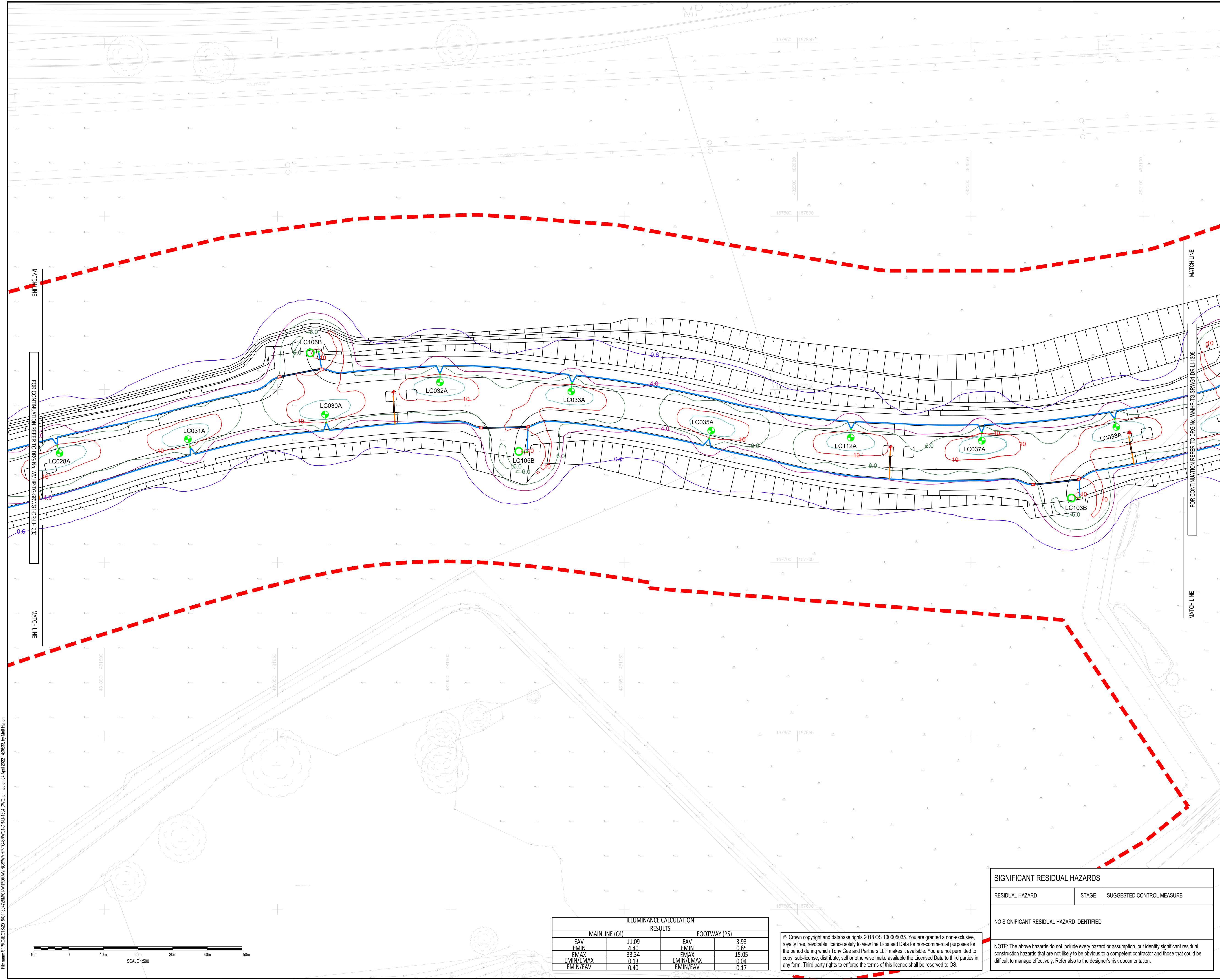


File name: S:\PROJECTS\2018\18047\BIM\01-WIP\DRAWINGS\WHP-TG-SRWG1-DR-LI-1304.DWG, printed on 04 April 2022 14:38:33, by Mital Halder



ILLUMINANCE CALCULATION RESULTS			
MAINLINE (C4)		FOOTWAY (P5)	
EAV	11.09	EAV	3.93
EMIN	4.40	EMIN	0.65
EMAX	33.34	EMAX	15.05
EMIN/EMAX	0.13	EMIN/EMAX	0.04
EMIN/EAV	0.40	EMIN/EAV	0.17

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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.		

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SPECIFICATION REFERENCE: WMHP-TG-SRWG1-SP-LI-1301 AND DRAWING WMHP-TG-SRWG1-DR-LI-1321.
- ROAD LIGHTING DESIGNED TO CE4 FOR THE MAINLINE DUE TO HORIZONTAL CURVE <500m AND CE3 FOR TWO JUNCTION CONFLICT ZONES IDENTIFIED.
- ALL LUMINAIRES SHALL BE WARM WHITE 3000K.
- FOOTWAY LIGHTING DESIGNED TO P5 AT MINIMUM.
- 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

48 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

P04	01/04/2022	MH	INTERNAL REVIEW UPDATES	ARL	JC
P02	10/08/2021	JF	REVISED FOR PLANNING DISCHARGE AND SCO COMMENTS	DJF	JC
P01	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 4

SCALE @ A1:	1:500	CHECKED:	DJF	APPROVED:	JC
PROJECT NO:	C118047	DESIGNED:	ALM	DRAWN:	ALM
				DATE:	October 19
DRAWING No:	WMHP-TG-SRWG1-DR-LI-1304			REV:	P04