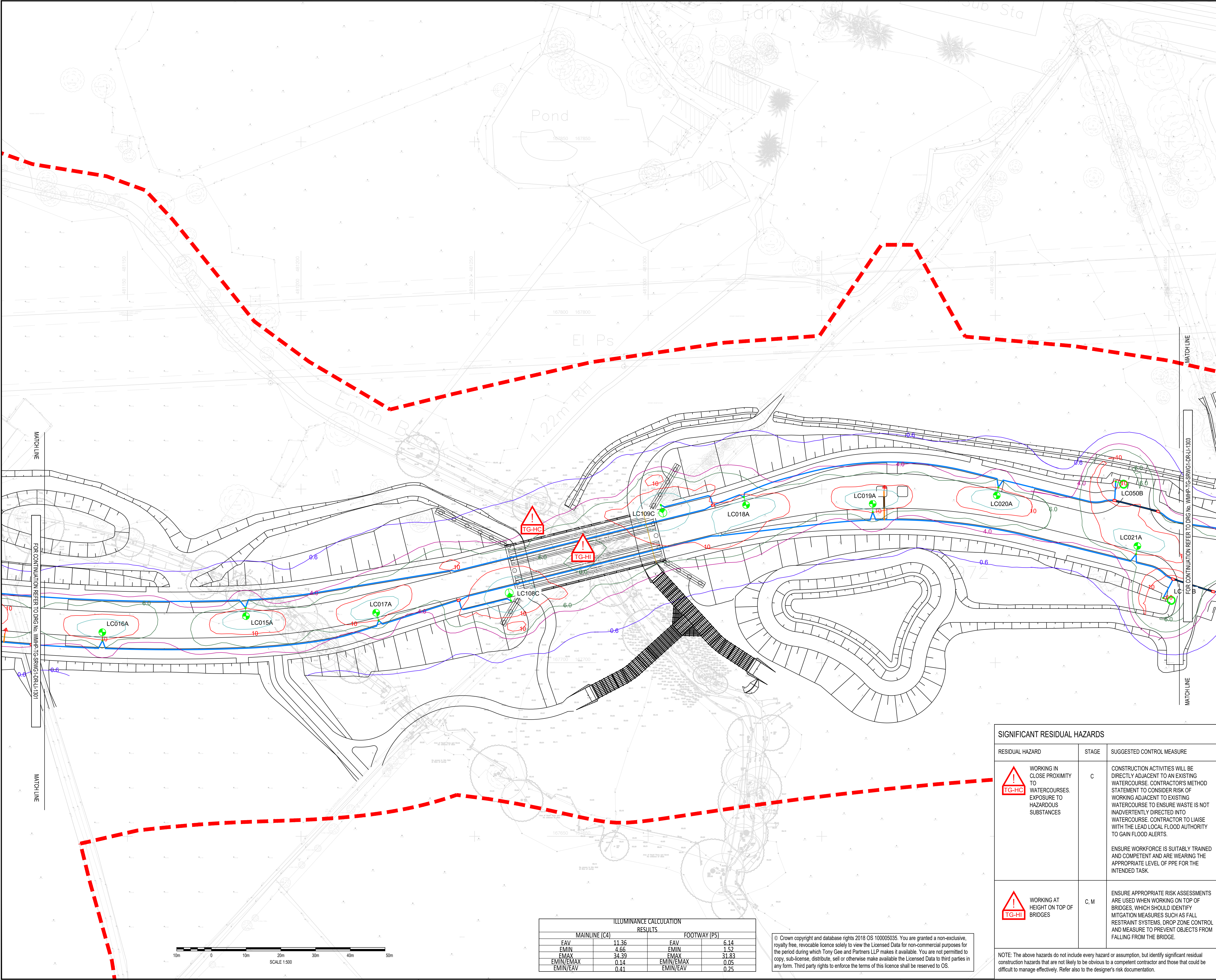




DO NOT SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SPECIFICATION REFERENCE: WMHP-TG-SRWG1-SP-LI-1301 AND DRAWING WMHP-TG-SRWG1-DR-LI-1302.

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.

KEYPLAN

SWDR - SPINE ROAD AND WESTERN GATEWAY PHASE 1

FOR CONTINUATION REFER TO DRG No. WMHP-TG-SRWG1-DR-LI-1303

FOR CONTINUATION REFER TO DRG No. WMHP-TG-SRWG1-DR-LI-1301

REVISIONS

REV	DATE	BY	DESCRIPTION	CHK	APP
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

DRAWING STATUS:

SUITABLE FOR REVIEW & COMMENT

S3

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PROJECT:

WOKINGHAM MAJOR HIGHWAYS PROGRAMME

SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE:

HIGHWAYS LIGHTING PLAN LAYOUT

SHEET 2

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-1302

REV:

P04

File name: S:\PROJECTS\2018\18047\BIM\01-WIP\DRAWINGS\WMHP-TG-SRWG1-DR-LI-1302.DWG, printed on 04 April 2022 14:39:25, by Matt Hutton

ILLUMINANCE CALCULATION RESULTS			
MAINLINE (C4)		FOOTWAY (P5)	
FAV	11.36	FAV	6.14
EMIN	4.66	EMIN	1.52
EMAX	34.39	EMAX	31.83
EMIN/EMAX	0.14	EMIN/EMAX	0.05
EMIN/FAV	0.41	EMIN/FAV	0.25

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