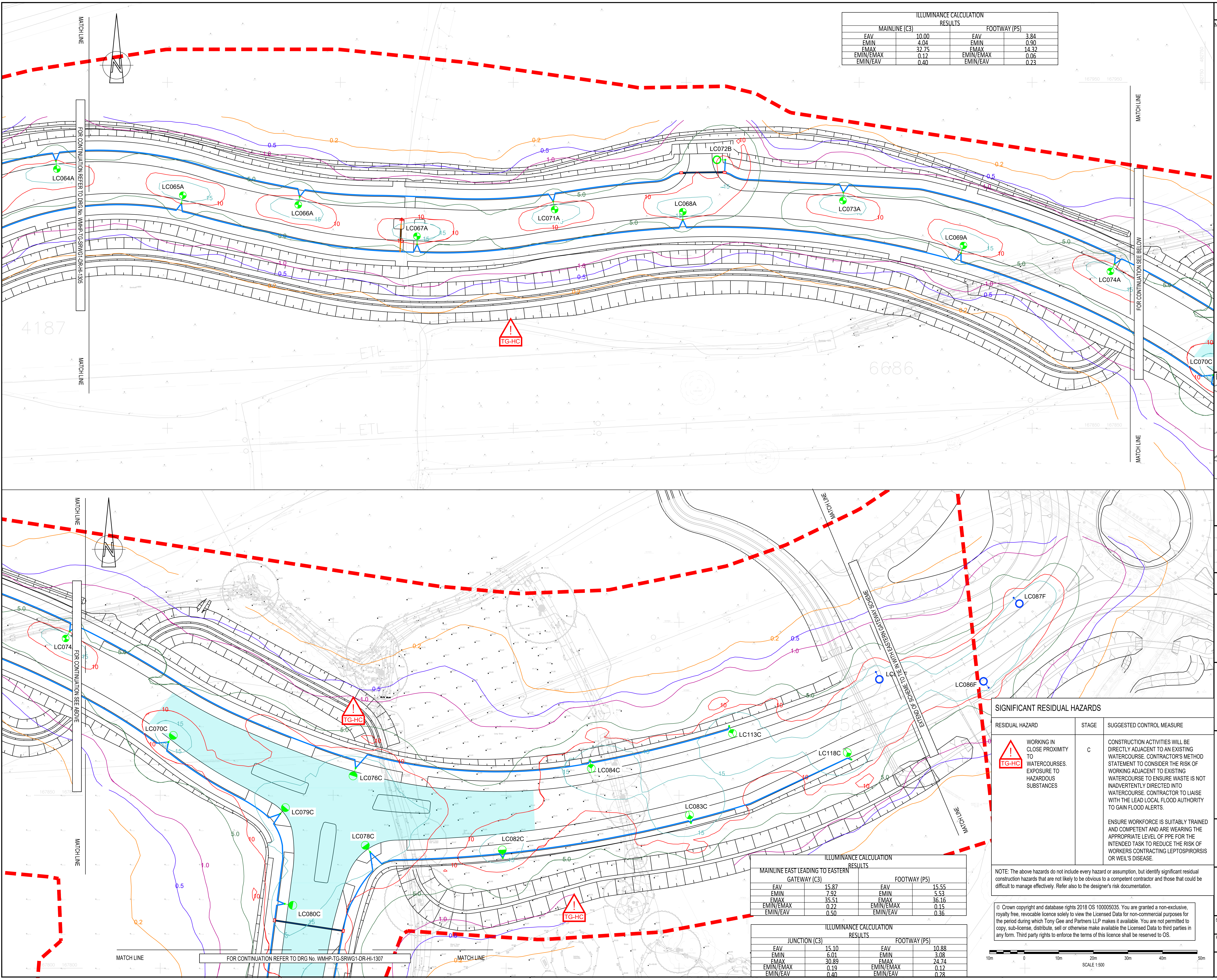
MATCH LINE
FOR CONTINUATION REFER TO DRG No. WMHP-TG-SRWG1-DR-HI-1305
LC064A
LC065A
LC066A
LC067A
LC071A
LC072B
LC068A
LC073A
LC069A
LC074A
LC070C
FOR CONTINUATION SEE BELOW
FOR CONTINUATION SEE ABOVE
TG-HC
LC074
LC070C
LC076C
LC079C
LC078C
LC080C
LC082C
LC083C
LC084C
LC113C
LC118C
LC087F
LC086F
EXTENT OF SCHEME TO TIE IN WITH EASTERN GATEWAY SCHEME
FOR CONTINUATION REFER TO DRG No. WMHP-TG-SRWG1-DR-HI-1307

ILLUMINANCE CALCULATION RESULTS			
MAINLINE (C3)		FOOTWAY (P5)	
EAV	10.00	EAV	3.84
EMIN	4.04	EMIN	0.90
EMAX	32.75	EMAX	14.32
EMIN/EMAX	0.12	EMIN/EMAX	0.06
EMIN/EAV	0.40	EMIN/EAV	0.23

ILLUMINANCE CALCULATION RESULTS			
MAINLINE EAST LEADING TO EASTERN GATEWAY (C3)		FOOTWAY (P5)	
EAV	15.87	EAV	15.55
EMIN	7.92	EMIN	5.53
EMAX	35.51	EMAX	36.16
EMIN/EMAX	0.22	EMIN/EMAX	0.15
EMIN/EAV	0.50	EMIN/EAV	0.36

ILLUMINANCE CALCULATION RESULTS			
JUNCTION (C3)		FOOTWAY (P5)	
EAV	15.10	EAV	10.88
EMIN	6.01	EMIN	3.08
EMAX	30.89	EMAX	24.74
EMIN/EMAX	0.19	EMIN/EMAX	0.12
EMIN/EAV	0.40	EMIN/EAV	0.28

SIGNIFICANT RESIDUAL HAZARDS

RESIDUAL HAZARD	STAGE	SUGGESTED CONTROL MEASURE
TG-HC WORKING IN CLOSE PROXIMITY TO WATERCOURSES. EXPOSURE TO HAZARDOUS SUBSTANCES	C	CONSTRUCTION ACTIVITIES WILL BE DIRECTLY ADJACENT TO AN EXISTING WATERCOURSE. CONTRACTOR'S METHOD STATEMENT TO CONSIDER THE RISK OF WORKING ADJACENT TO EXISTING WATERCOURSE TO ENSURE WASTE IS NOT INADVERTENTLY DIRECTED INTO WATERCOURSE. CONTRACTOR TO LIAISE WITH THE LEAD LOCAL FLOOD AUTHORITY TO GAIN FLOOD ALERTS. ENSURE WORKFORCE IS SUITABLY TRAINED AND COMPETENT AND ARE WEARING THE APPROPRIATE LEVEL OF PPE FOR THE INTENDED TASK TO REDUCE THE RISK OF WORKERS CONTRACTING LEPTOSPIRORSIS OR WEIL'S DISEASE.

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.

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10m 0 10m 20m 30m 40m 50m
SCALE 1:500

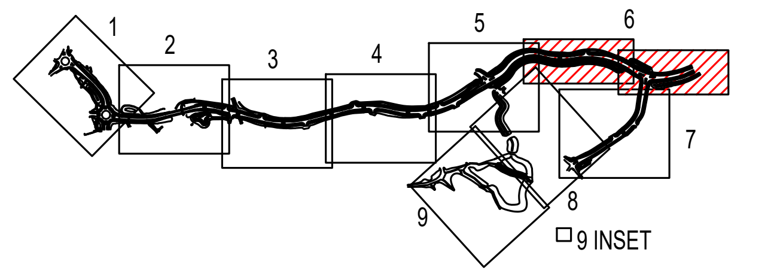
File name: \\PABLODATA\PROJECTS\2018\C118847\BIM01-WIP\DRAWINGS\WMHP-TG-SRWG1-DR-LI-1306.DWG, printed on 16 May 2025 18:59:12, by David Frampton

DO NOT SCALE

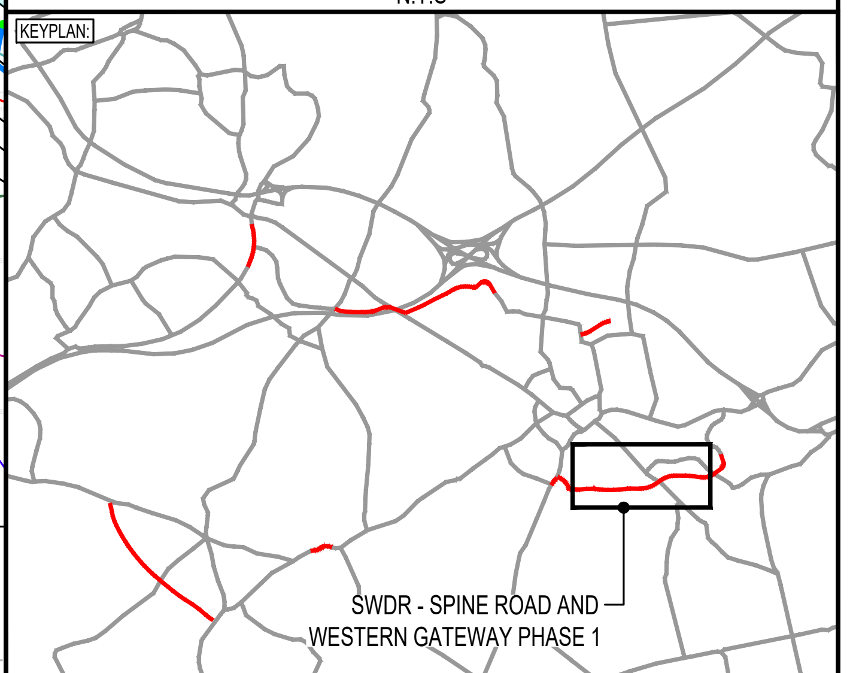
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SPECIFICATION REFERENCE WMHP-TG-SRWG1-SP-LI-1301 AND DRAWING WMHP-TG-SRWG1-DR-LI-1321.
3. ROAD LIGHTING DESIGNED TO CE4 FOR THE MAINLINE DUE TO HORIZONTAL CURVE <500m AND CE3 FOR TWO 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
7. CLO TO BE DISABLED ON ALL LUMINAIRES

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 7.63klm 51W UMSUG LUMINAIRE. MF = 0.85
⊗	8m COLUMN 1.5m BRACKET ARM, WITH 1x DW WINDSOR KIRIUM PRO2 48 LED 3k A1 CLO 400mA 7.63klm 51W UMSUG LUMINAIRE. MF = 0.85
◔	8m POST TOP COLUMN WITH 1x DW WINDSOR KIRIUM PRO2 64 LED 3k A5 CLO 750mA 15.86klm 125W UMSUG LUMINAIRE. MF = 0.85
⊖	10m POST TOP COLUMN, WITH 1x DW WINDSOR KIRIUM PRO2 48 LED 3k A1 CLO 400mA 7.63klm 51w UMSUG LUMINAIRE. MF = 0.85
◑	10m POST TOP COLUMN WITH 1x DW WINDSOR KIRIUM PRO2 64 LED 3k A5 CLO 750mA 15.86klm 125W UMSUG LUMINAIRE. MF = 0.85
○	6m POST TOP COLUMN WITH 1x DW WINDSOR KIRIUM PRO2 48 LED 3k C3 CLO 200mA 4.14klm 27W 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.
D	900mm x 600mm DRAWPIT.
4 5 10	LUX CONTOURS.
▭	CONFLICT AREA.



SHEET LOCATION PLAN
N.T.S

KEYPLAN


REV	DATE	BY	DESCRIPTION	CHK	APP
P06	16/05/2025	JB	UPDATED FOR PLANNING CONDITION DISCHARGE	DJF	JC
P05	02/06/2022	HD	MATTERS OUTSTANDING WMHP-TG-SRWG1-RG-DM-0010	BH	JC
P04	01/04/2022	MH	INTERNAL REVIEW UPDATES	ARL	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 6

SCALE @ A1:	CHECKED:		APPROVED:
1:500	DJF		JC
PROJECT NO:	DESIGNED:	DRAWN:	DATE:
C123061	ALM	ALM	October 19

DRAWING No: WMHP-TG-SRWG1-DR-LI-1306
REV: P06