

DRAFT

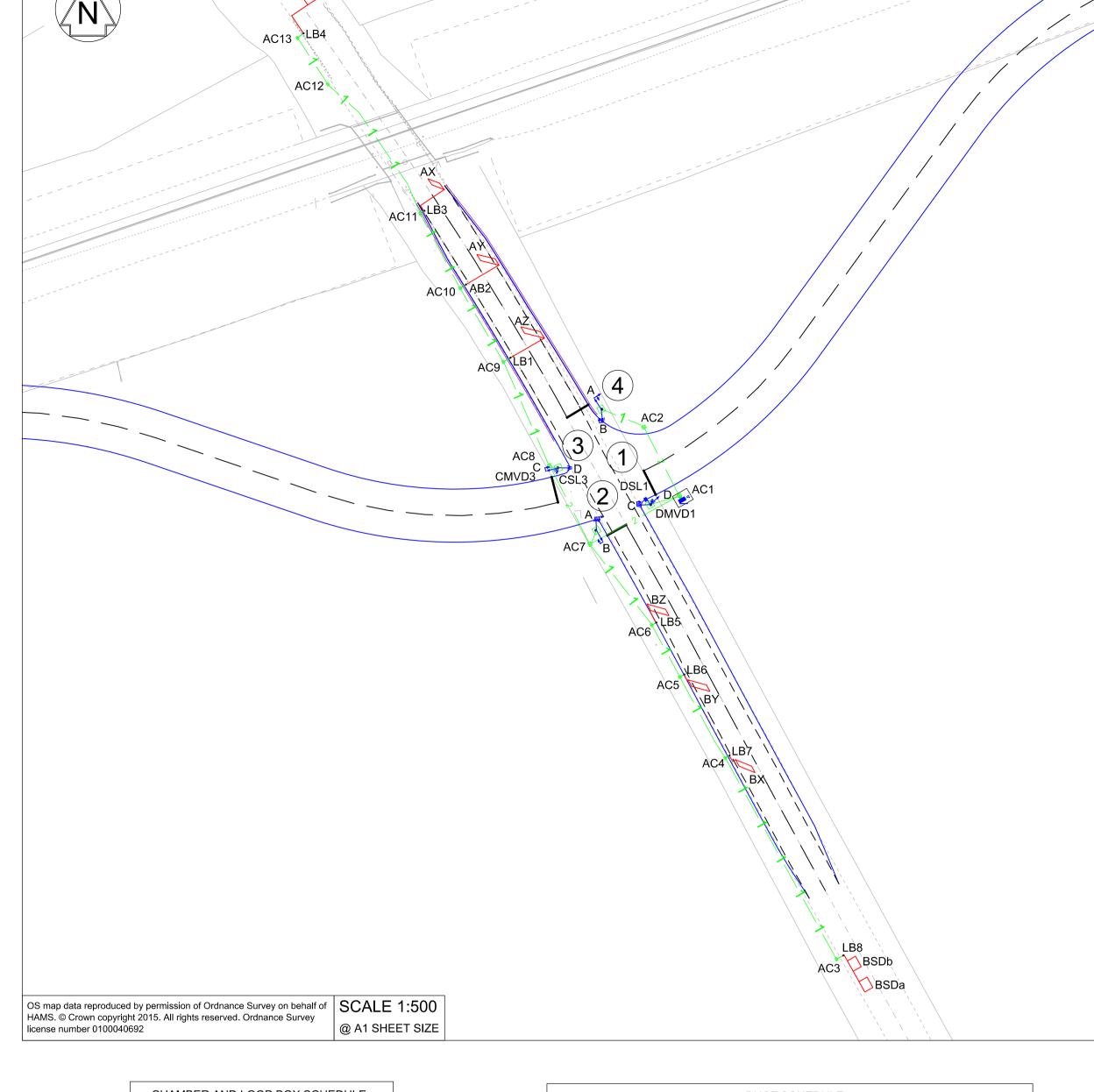
@ A1 SHEET SIZE

SIGNAL EQUIPMENT SCHEDULE					
POLE NUMBER	POLE TYPE	SIGNAL HEAD	HOOD TYPE	SIGNAL DETECTION	OTHER EQUIPMENT
1	4m	1 x RAG 1 x RAGa (AHEAD)	PRIMARY SECONDARY	1 x MVD 1 x STOPLINE	1 x PECU
2	4m	1 x RAGa (AHEAD) 1 x RAGa (AHEAD/LEFT)	PRIMARY SECONDARY	-	-
3	4m	1 x RAGa (AHEAD) 1 x RAG	PRIMARY SECONDARY	1 x MVD 1 x STOPLINE	-
4	4m	1 x RAGa (AHEAD/LEFT) 1 x RAGa (AHEAD)	PRIMARY SECONDARY	-	-

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DETECTOR SCHEDULE					
DETECTOR NUMBER	DETECTOR NAME	DISTANCE FROM SPOTLINE (m)	PHASE(S) DEMANDED	PHASE(S) EXTENED	DETECTOR TYPE
1	AX	39	А	А	LOOP
2	AY	25	-	А	LOOP
3	AZ	12	-	Α	LOOP
4	ASD	79	-	-	LOOP
5	BX	39	В	В	LOOP
6	BY	25	-	В	LOOP
7	BZ	12	-	В	LOOP
8	BSD	79	-	-	LOOP
7	CSL3	POLE 3	С	С	RADAR
8	CMVD3	POLE 3	С	С	RADAR
9	DSL1	POLE 1	D	D	RADAR
10	DMVD1	POLE 1	D	D	RADAR



CHAMBER	CHAMBER	HAMBER SIZE (mm)		
NUMBER	600 x 450	600 x 300	вох	
AC1	1	-	-	
AC2	1	-	-	
AC3	-	1	LB8	
AC4	-	1	LB7	
AC5	-	1	LB6	
AC6	-	1	LB5	
AC6	1	-	-	
AC7	1	-	-	
AC8	-	1	LB1	
AC9	-	1	LB2	
AC10	-	1	LB3	
AC11	-	1	-	
AC12	-	1	LB4	

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SIGNAL POLE RETENTION SOCKET SCHEDULE					
POLE /SOCKET NUMBER	DISTANCE FROM SPOTLINE (m)	DISTANCE FROM KERBFACE (m)			
1	1.5	1			
2	1.5	1			
3	1.5	1			
4	1.5	1			
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FROM	ТО	DUCT x No	DUCT DIA (mm)	DISTANCE (mm)
AC1	CONTROLLER	3	100	1
F/PILLAR	CONTROLLER	1	50	1
AC1	AC2	2	100	12
AC2	POLE 4	1	100	7
AC1	POLE 1	1	100	4
AC1	AC7	2	100	15
AC7	POLE 2	1	100	2
AC7	AC6	1	100	15
AC6	LB5	1	50	1
AC6	AC5	1	100	9
AC5	LB6	1	50	1
AC5	AC4	1	100	14
AC4	LB7	1	50	1
AC4	AC3	1	100	34
AC3	LB8	1	50	1
AC7	AC8	2	100	13
AC8	POLE 3	1	100	1
AC8	AC9	1	100	17
AC9	LB1	1	50	1
AC9	AC10	1	100	13
AC10	LB2	1	50	1
AC10	AC11	1	100	13
AC11	LB3	1	50	1
AC11	AC12	1	100	24
AC12	AC13	1	100	8
AC13	LB4	1	50	1

NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2)

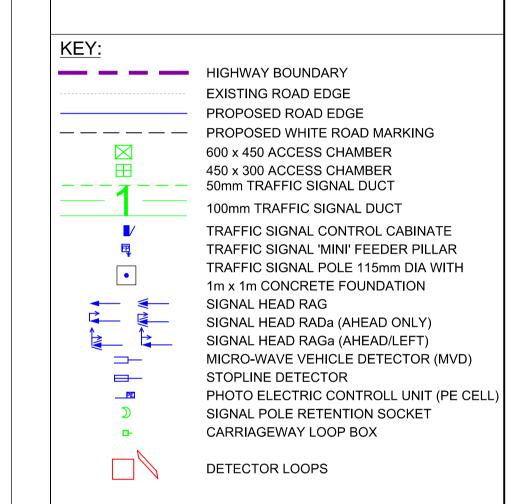
<u>NOTES</u>

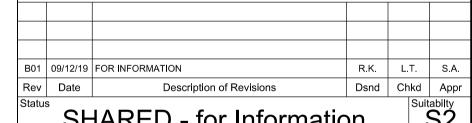
- 1. ALL TRAFFIC SIGNAL EQUIPMENT TO BE ELV.
- 2. ALL TRAFFIC SIGNAL ASPECTS TO BE CLS LED TYPE.

I. RED LAMP MONITORING IS TO BE PROVIDED.

DESIGN ENGINEER BEFORE INSTALLATION.

- 3. SIGNAL DIMMING IS TO BE PROVIDED. THE SOLAR CELL TO BE INSTALLED ON THE POLE INDICATED ON THE DRAWING.
- 5. SIGNAL POLES, CONTROLLER CABINET AND BASE, AND FEEDER PILLAR ARE TO BE GREY IN COLOUR AND IN ACCORDANCE WITH THE APPENDIX 12/5.
- 6. SIGNAL POLE LOCATIONS TO BE AS SHOWN ON THIS SIGNAL DRAWING: POLE LOCATIONS ARE TO BE MARKED ON THE GROUND AND THE POSITION AGREED WITH THE SIGNAL
- ALL SIGNAL POLES ARE TO BE SECURED IN SIGNAL POLE RETENTION SOCKETS 'DUCK FOOT' TYPE. RETENTION SOCKETS ARE TO BE CONNECTED TO THE ASSOCIATED FOOTWAY ACCESS CHAMBER BY 1 X 100mm DIA SIGNAL DUCT.
- 8. ALL 100mm SIGNAL DUCTS ARE TO BE PROVED AFTER INSTALLATION AND HAVE A DRAW CORD FITTED. THE DRAW CORD IS TO BE SECURED AT EACH END IN ALL ACCESS CHAMBERS.
- SIGNAL HEADS ON POLES ARE TO BE MOUNTED WITH A MINIMUM CLEARANCE OF 2.1m ABOVE THE FINISHED FOOTWAY SURFACE LEVEL AND A MINIMUM OF 2.4m ABOVE THE FINISHED CYCLEWAY SURFACE LEVEL FOR CYCLEWAYS.
- 10.THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE APPENDIX 12/5 TRAFFIC SIGNAL EQUIPMENT REQUIREMENTS AND APPENDIX 5/2 DUCTING REQUIREMENTS, CD 123 AND ANY OTHER DOCUMENTS ISSUED IN RELATION TO THESE WORKS.







East West Rail (Western Section) Phase 2

HAUL ROAD CROSSING HRC_3 TRAFFIC SIGNAL LAYOUT

Designed	Ravikumar KN		Signed	R. KN	Date 28/11/19
Drawn	Ravikumar KN		Signed	R. KN	Date 17/10/19
Checked	Lisa Taylor		Signed	L. Taylor	Date 28/11/19
Approved	Stephen Abe		Signed	S. Abe	Date 28/11/19
Scale(s) ELR - Project Chainage (Miles Yards)				,	

OXD -AS SHOWN Design Package Risk Classification
Normal 1 of 1 Iternative Reference

133735_2A-EWR-OXD-HRC_3-DR-CH-010010

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Sheet Size A1 594 x 841