

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED IN THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION:
IDENTIFIED RISKS ARE NOTED IN ETYN-SEF-XXX-XX-HS-20001 DD. RISK REGISTER REFER TO RISK REGISTER FOR MITIGATION MEASURES. RISKS ASSOCIATED WITH THIS WORKS ELEMENT ARE AS FOLLOWS:

REF.	NAME
2	Design Criteria
21	Utility Clashes with new tram infrastructure
55	Risk of injury to pedestrians/damage to road vehicles
100	Integration
109	Tramstops Road traffic
110	Tram/other users interface
111	Tram/other users interface
112	Tram/other users interface

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

FINAL SETTING OUT ON SITE OF SIGNAL POLES SHALL BE SUBJECT TO CLAUSE 5.2005.16.03.22 OF THE PERFORMANCE SPECIFICATIONS. THE EXACT POSITION OF ALL SIGNAL POLES SHALL BE AGREED WITH, AND MARKED OUT, IN THE PRESENCE OF THE SUPERVISOR AND REPRESENTATIVES FROM THE CITY OF EDINBURGH COUNCIL.

LOUVERED HOODS TO BE ADDED ON ALL KERBSIDE PEDESTRIAN HEADS. EXCEPT WHEN INDICATED, CENTRE OF THE POLES WILL BE LOCATED AT 0.690m FROM THE EDGE OF THE TACTILE PAVING.

LEGEND:

(1)	POLE NUMBER	(C1)	MANHOLE NUMBER	(M)	MICROWAVE VEHICLE DETECTOR
(A)	3-ASPECT PRIMARY SIGNALS WITH SUBSTITUTE GREEN ARROW SIGNALS	(D)	3-ASPECT PRIMARY SIGNALS WITH ADDITIONAL GREEN ARROW SIGNALS	(E)	STOP LINE DETECTOR
(B)	3-ASPECT PRIMARY SIGNALS WITH ADDITIONAL GREEN ARROW SIGNALS	(F)	TOUCAN COMBINED PUSH BUTTON	(G)	ABOVE GROUND SCOOT DETECTOR
(C)	TOUCAN COMBINED PUSH BUTTON	(H)	3-ASPECT WITH CYCLE GREEN	(I)	FARISIDE PEDESTRIAN HEAD SIGNAL
(D)	3-ASPECT WITH CYCLE GREEN	(J)	ON CROSSING DETECTOR	(K)	FARISIDE TOUCAN SIGNAL
(E)	ON CROSSING DETECTOR	(K)	KERBSIDE DETECTOR	(L)	PEDESTRIAN SIGNAL AND DEMAND UNIT
(F)	SOLAR CELL	(L)	PEDESTRIAN PUSH BUTTON AND AUDIBLE UNIT	(M)	3-ASPECT SIGNAL WITH SECONDARY VISOR
(G)	PEDESTRIAN PUSH BUTTON AND AUDIBLE UNIT	(M)	TRAFFIC SIGNAL POLE (4.00m)	(N)	TRAFFIC SIGNAL LANTERN
(H)	TRAFFIC SIGNAL POLE (4.00m)	(N)	TRAFFIC SIGNAL POLE (2.00m)	(O)	CYCLE HEAD
(I)	TRAFFIC SIGNAL POLE (2.00m)	(O)	RJCC ROAD JUNCTION CONTROLLER CABIN	(P)	CYCLE HEAD LOW LEVEL
(J)	RJCC ROAD JUNCTION CONTROLLER CABIN	(P)	1x100 INDUCTIVE DUCT	(Q)	CYCLE HEAD EARLY
(K)	1x100 INDUCTIVE DUCT	(Q)	1x100 CHAMBER DUCT	(R)	GREEN
(L)	1x100 CHAMBER DUCT	(R)		(S)	40x40 MANHOLE
(M)		(S)		(T)	40x60 MANHOLE
(N)		(T)		(U)	60x60 MANHOLE (SHARED W/ STREET LIGHTING)
(O)		(U)		(V)	HALDO PILLAR
(P)		(V)		(W)	INDUCTIVE LOOP
(Q)		(W)		(X)	OLE POLE
(R)		(X)		(Y)	OLE POLE
(S)		(Y)		(Z)	SIEMENS EQUIPMENT
(T)		(Z)		(AA)	NO U TURN
(U)		(AA)		(AB)	NO U TURN EXCEPT BUSES
(V)		(AB)		(AC)	NO LEFT TURN EXCEPT CYCLES
(W)		(AC)		(AD)	AHEAD ONLY
(X)		(AD)		(AE)	NO LEFT TURN
(Y)		(AE)		(AF)	NO RIGHT TURN
(Z)		(AF)			
(AA)					
(AB)					
(AC)					
(AD)					
(AE)					
(AF)					

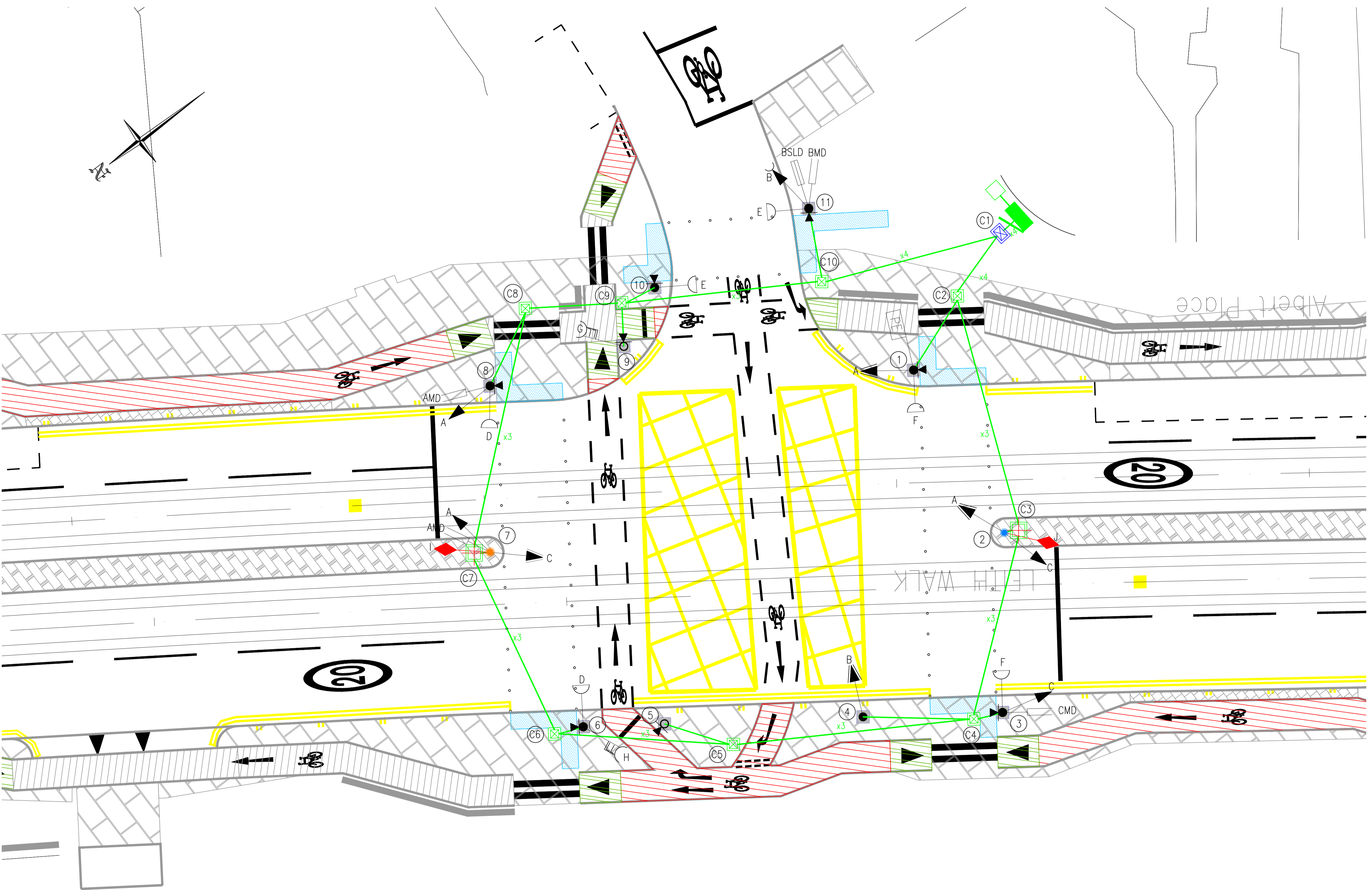
C01	22/04/2021	ISSUED FOR CONSTRUCTION	U.P.L.	B.K.	L.Q.B.
P11	14/04/2021	FOR COMMENTS AND REVIEW	U.P.L.	B.K.	L.Q.B.
P01	04/04/2021	FOR INFORMATION	A.L.G.	B.K.	L.Q.B.
Rev.	Date	Description	Drawn	Chkd.	Appd.



Project Title:
**EDINBURGH TRAM
YORK PLACE TO NEWHAVEN**

Drawing Title:
**TRAFFIC SIGNALS
LEITHWALK / ALBERT ST J21
LAYOUT
Sheet 24 of 31**

Scale of All:	1:100	Status:	FOR CONSTRUCTION
Drawn:	U.P.L.	Checked:	B.K.
Date:	22/04/2021	Approved:	L.Q.B.
Project Originator	Volume	Location	Type
Role	Number		
ETYN-SEF-XXX-11-DR-N-0042			
Subability:	Revision:		
A	C01		



POLE NUMBER	POLE TYPE	LENGTH	DISTANCE TO KERB	PHASE	NOTES
1	STRAIGHT	4	800	A, F	
2	OLE	-	-	A, C, J	Tram optic to be incorporated into RAG as an upside-down T shape
3	STRAIGHT	4	800	C, F	
4	STRAIGHT	4	800	B	
5	STUB	2	800	H	
6	STRAIGHT	4	800	D, H	
7	OLE	-	-	A, C	tram optic to be incorporated as a 4-inline
8	STRAIGHT	4	800	A, D	
9	STUB	2	800	G	
10	STRAIGHT	4	800	B, E	
11	STRAIGHT	4	800	B, E	

DETECTOR NUMBER	DETECTOR NAME	DEMAND PHASE	EXTEND PHASE	DETECTOR TYPE	POLES 7 & 8	NOTES
1	AMD	A	A	MICROWAVE	POLES 7 & 8	
2	BMD	B	B	MICROWAVE	POLE 11	
3	CMD	C	C	MICROWAVE	POLE 3	
4	BSLD	B		MICROWAVE	POLE 11	
5	PB1	F		PUSH BUTTON	POLE 1	ROTATING CONE
6	PB2	F		PUSH BUTTON	POLE 3	ROTATING CONE
7	PB3	H		PUSH BUTTON	POLE 5	
8	PB4	D		PUSH BUTTON	POLE 6	ROTATING CONE
9	PB5	D		PUSH BUTTON	POLE 8	ROTATING CONE
10	PB6	G		PUSH BUTTON	POLE 9	
11	PB7	E		PUSH BUTTON	POLE 10	ROTATING CONE
12	PB8	E		PUSH BUTTON	POLE 11	ROTATING CONE

