

Agenda Item No. 4(b)

DERBYSHIRE COUNTY COUNCIL

**MEETING OF CABINET MEMBER – HIGHWAYS, TRANSPORT AND
INFRASTRUCTURE**

30 July 2020

Report of the Executive Director – Economy, Transport and Environment

PEDESTRIAN CROSSING FACILITIES – ELDER WAY, CHESTERFIELD

(1) **Purpose of Report** To seek the Cabinet Member's approval to include an additional traffic signal design scheme in the approved 2020-21 Capital Programme. The design is with regard to proposed works at Elder Way, Chesterfield, undertaken by Chesterfield Borough Council under Section 278 Agreement of the Highways Act 1980.

(2) **Information and Analysis** Chesterfield Borough Council has secured funding to undertake public realm improvements at Elder Way, Chesterfield. This was approved at the Cabinet Member Meeting on 9 July 2020, 'Section 278 Agreement – Elder Way, Chesterfield' (Minute No. xxx/20 refers). The works include new paving and surfacing along with new traffic signal equipment and street furniture. The County Council's Signals Team has been contacted by Chesterfield Borough Council requesting a price for services associated with the supply of detailed design drawings associated with the replacement of three existing pedestrians light controlled crossing facilities at this location. As a result of this, a costing of £3,149.75 has been submitted, which is in line with the County Council's 2020-21 fees and charges.

The Borough Council is aware that it needs the County Council's formal permission, as Highway Authority, for works to be undertaken in the public highway using an Agreement under Section 278 of the Highways Act 1980.

(3) **Financial Considerations** The design fee for supply of detailed signal drawings will be recharged to Chesterfield Borough Council at a cost of £3,149.75

Other Considerations

In preparing this report the relevance of the following factors has been considered: legal, prevention of crime and disorder, equality and diversity,

human resources, environmental, health, property, social value and transport considerations.

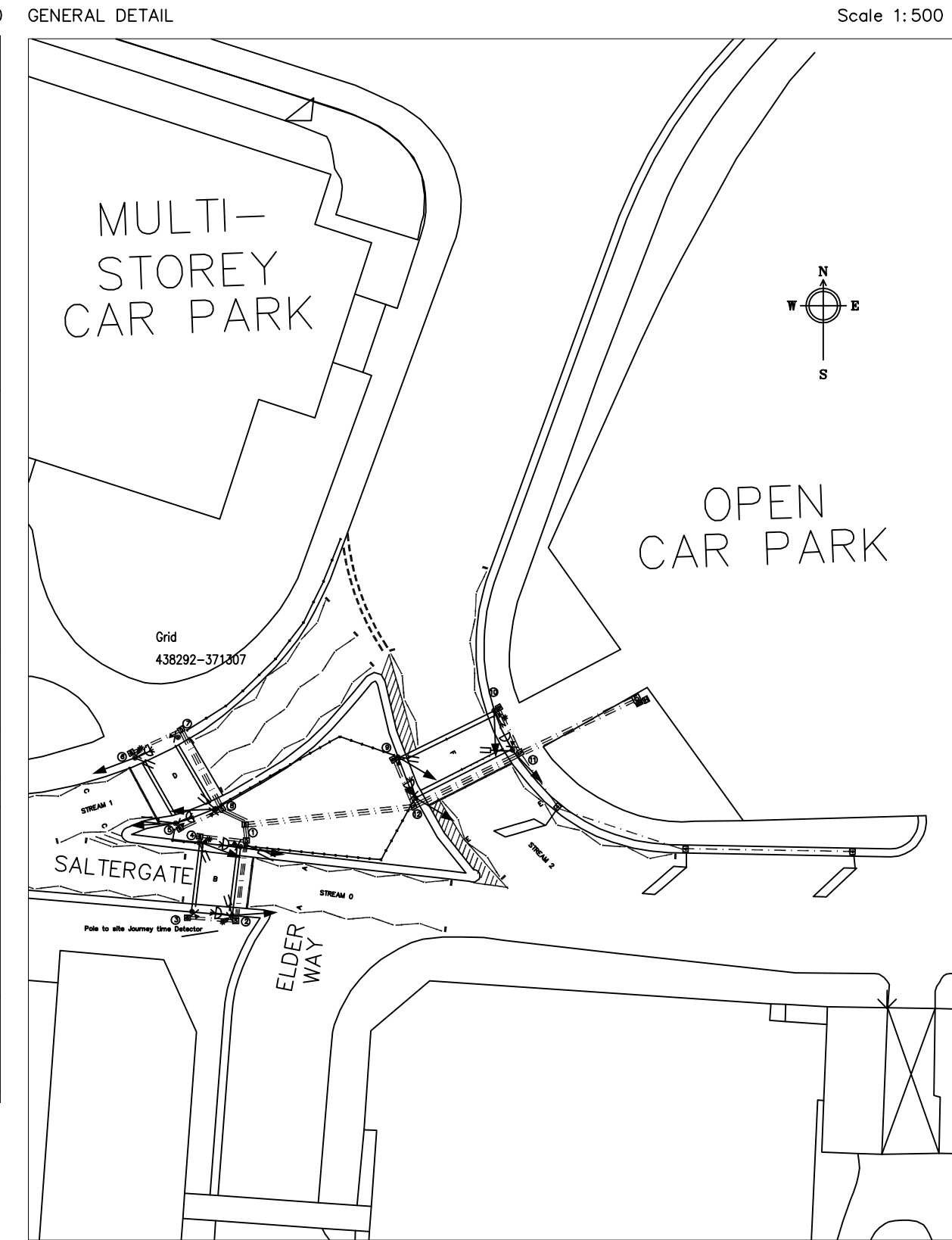
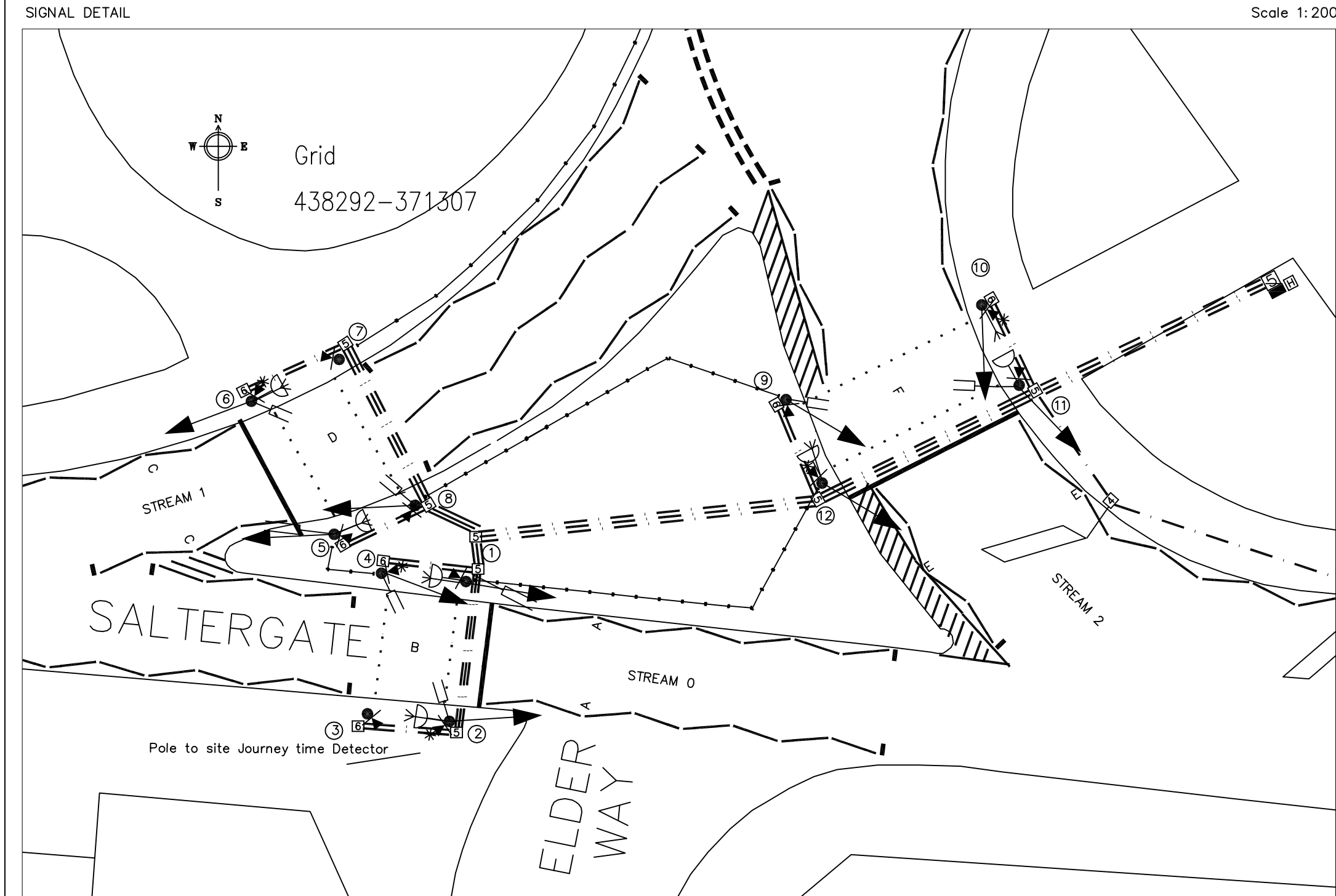
(5) **Key Decision** No.

(6) **Call-In** Is it required that call-in be waived in respect of the decisions proposed in the report? No.

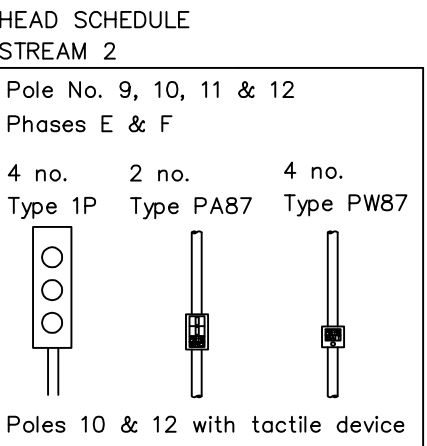
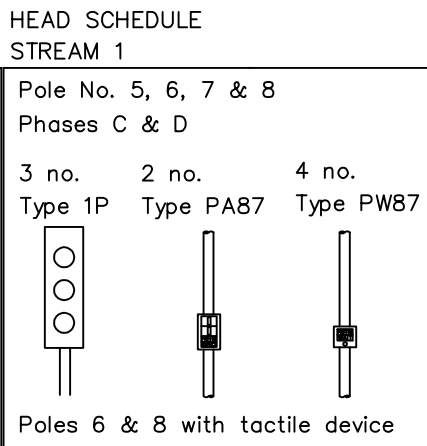
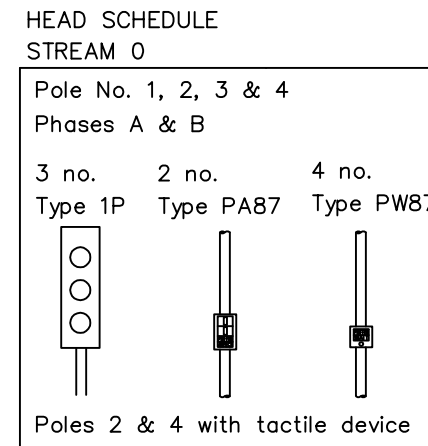
(7) **Background Papers** Held on file within Economy, Transport and Environment Department.

(8) **OFFICER'S RECOMMENDATION** That the Cabinet Member approves the addition of a traffic signal design scheme in the 2020-21 Capital Programme with regard to proposed works at Elder Way, Chesterfield, undertaken by Chesterfield Borough Council under a Section 278 Agreement of the Highways Act 1980.

Mike Ashworth
Executive Director - Economy, Transport and Environment



DETECTOR SCHEDULE						
DETECTOR NUMBER	DETECTOR LABEL	DISTANCE FROM STOP LINE (M)	POLE NO.	PHASE(S) DEMANDED	PHASE(S) EXTENDED	DETECTOR TYPE
1	MVD1A	—	1	A	A	MVD
2	MVD1B	—	2	B	AR	MVD
3	MVD2B	—	4	B	AR	MVD
4	PBU	—	1,2,3,4	B	—	PBU
5	VIDEO1B	—	1	B	—	VIDEO
6	VIDEO2B	—	2	B	—	VIDEO
7	MVD1C	—	5	C	C	MVD
8	MVD1D	—	6	D	AR	MVD
9	MVD2D	—	8	D	AR	MVD
10	PBU	—	5,6,7,8	D	—	PBU
11	VIDEO1D	—	5	D	—	VIDEO
12	VIDEO2D	—	6	D	—	VIDEO
13	EX	30M	—	E	E	LOOP
14	EYZ	7&18M	—	E	E	LOOP
15	MVD1F	—	9	F	AR	MVD
16	MVD2F	—	11	F	AR	MVD
17	PBU	—	9,10,11,12	F	—	PBU
18	VIDEO1F	—	10	F	—	VIDEO
19	VIDEO2F	—	12	F	—	VIDEO



POLE NO	PHASE	HEAD or P-B TYPE
1	A	1P
1	B	PW87&PA87
1	B	VIDEO1
2	A	1P
2	B	PW87&PA87
2	B	MVD1
2	B	VIDEO2
3	B	PW87
4	A	1P
4	B	PW87
4	B	MVD2

POLE NO	PHASE	HEAD or P-B TYPE
5	C	1P
5	C	MVD1
5	D	PW87&PA87
5	D	VIDEO1
6	C	1P
6	D	MVD2
6	D	PW87&PA87
6	D	VIDEO2
7	D	PW87
8	C	1P
8	D	MVD2
8	D	PW87
8	D	VIDEO2

POLE NO	PHASE	HEAD or P-B TYPE
9	E	1P
9	F	MVD1
9	F	PW87
10	E	1P
10	F	PW87
10	F	VIDEO1
11	E	1P
11	F	MVD2
11	F	PW87&PA87
12	E	1P
12	F	PW87&PA87
12	F	VIDEO2

- KEY
- 2x100mm dia ducts (ORANGE).
- 3x100mm dia ducts (ORANGE).
- Controller.
- Haldo Pillar.
- Access box type 4 (450 x 300mm).
- Access box type 5 (450 x 450mm).
- Access box type 6 (300 x 300mm).

- NOTES:—
- Contractors must allow for the use of armoured cable on all cable runs.
 - Contractors must allow for a spare 25% core capacity in all multicore cable runs.
 - Low voltage and extra low voltage must be in separate multicore cables.
 - All push button units are to be extra low voltage. Rotating tactile devices to be fitted to pole numbers:— 2, 4, 6, 8, 10, 12.
 - All signal heads to be supplied with primary hoods.
 - Detectors to be mounted on a Rachelfield type bracket.
 - Stub Poles at 3 & 7.
 - Detector 1 Pole 1 is an overhead detector set at the minimum range of 20m.

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AMENDMENT DETAILS			
By	Date	No.	
WH	CHECKED BY GSW	APPROVED BY GSW	SCALE
Date 02.03.04	Date 02.03.04	Date 02.03.04	As Shown



David Harvey c.Eng., M.I.C.E., M.I.H.T.
Director of Environmental Services

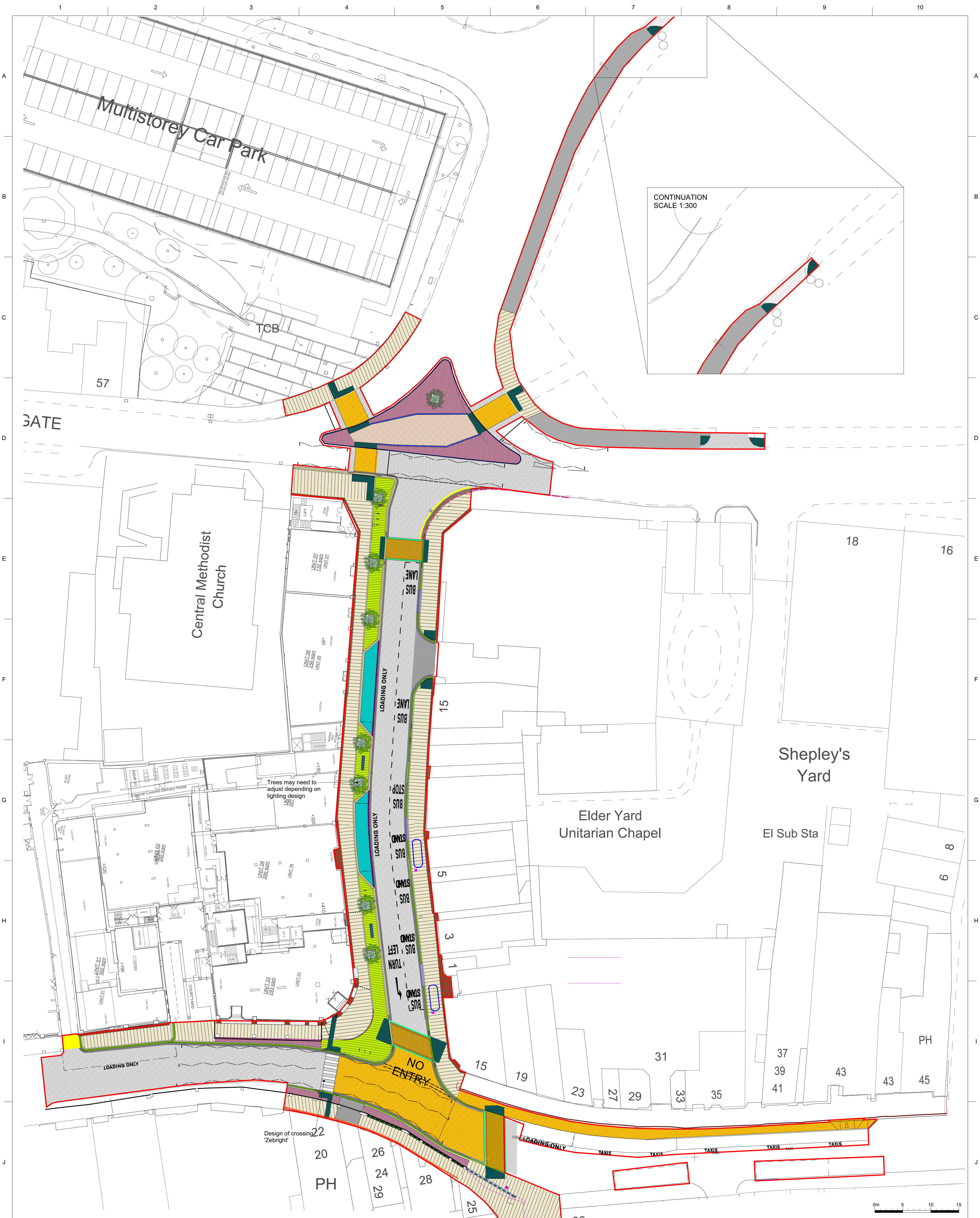
PROJECT TITLE

Puffing Crossings
Saltergate/Elderway
CHESTERFIELD

DRAWING TITLE

SIGNALS DRAWING

DCE DRAWING No.	PRINT No	DWG STATUS
CLIENT DRAWING No.		As Built
TA308/2/CB113/3		




PHASE 1 WORKS

25	28.11.19	Minor amends	HT	AT
24	27.11.19	Coordination with MJM	HT	AT
23	16.09.19	Bus stand amendments	HT	GB
22	27.08.19	Knifesmithgate bus kerb added/tactile amends	HT	GB
21	16.08.19	Elderway bus kerb extended to 4m	HT	GB
20	01.08.19	Minor amends	HT	GB
19	24.07.19	Updated Stage 4	HT	AT
18	18.07.19	Updated Stage 4	HT	GB
17	15.07.19	Updated Stage 4	HT	GB
16	10.06.19	Updated Stage 4	AT	GB
15	07.03.19	STAGE 4 ISSUE TO D.C.C. HIGHWAYS	HT	GB

14	19.11.18	STAGE 4 ISSUE	AT	GB
13	07.11.18	STAGE 4 ISSUE	AT	GB
12	26.09.18	Taxi rank added	AT	GB
11	12.09.18	Stage 4 updates following DCC comments	AT	GB
10	07.08.18	Stage 4: Trees moved to avoid services	AT	GB
09	03.08.18	STAGE 4 - PRICING	AT	GB
08	27.07.18	STAGE 4 - PRICING	AT	GB
07	12.10.17	STAGE 3	AT	GB
06	29.07.17	FOR PRICING	AT	GB
05	19.07.17	FOR PRICING	AT	GB
04	14.07.17	FOR PRICING	AT	GB
03	11.07.17	FOR PRICING	AT	GB
02	09.06.17	INFORMATION	AT	GB
01	24.05.17	INFORMATION	AT	GB
00	07.04.17	INFORMATION	AT	GB
Issue	Date	Status	Drawn	Apprvd.

Client	Chesterfield Council		
Project	Northern Gateway, Chesterfield		
Org Title	Phase 1 Elder Way General arrangement		
Created on	07.04.2017	Created by	AT
		Approved by	GB
Scale	1:300	Size	A1
		Status	STAGE 4
Org No.	PL1684-VW-200		

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NOTE:

- Do not scale from this drawing. Always work to noted dimensions.
- All dimensions are in millimetres unless otherwise stated.
- All setting out, levels and dimensions to be agreed on site.
- The dimensions of all materials must be checked on site before being laid out.
- This drawing must be read with the relevant specification clauses and detail drawings.
- Order of construction and setting out to be agreed on site.