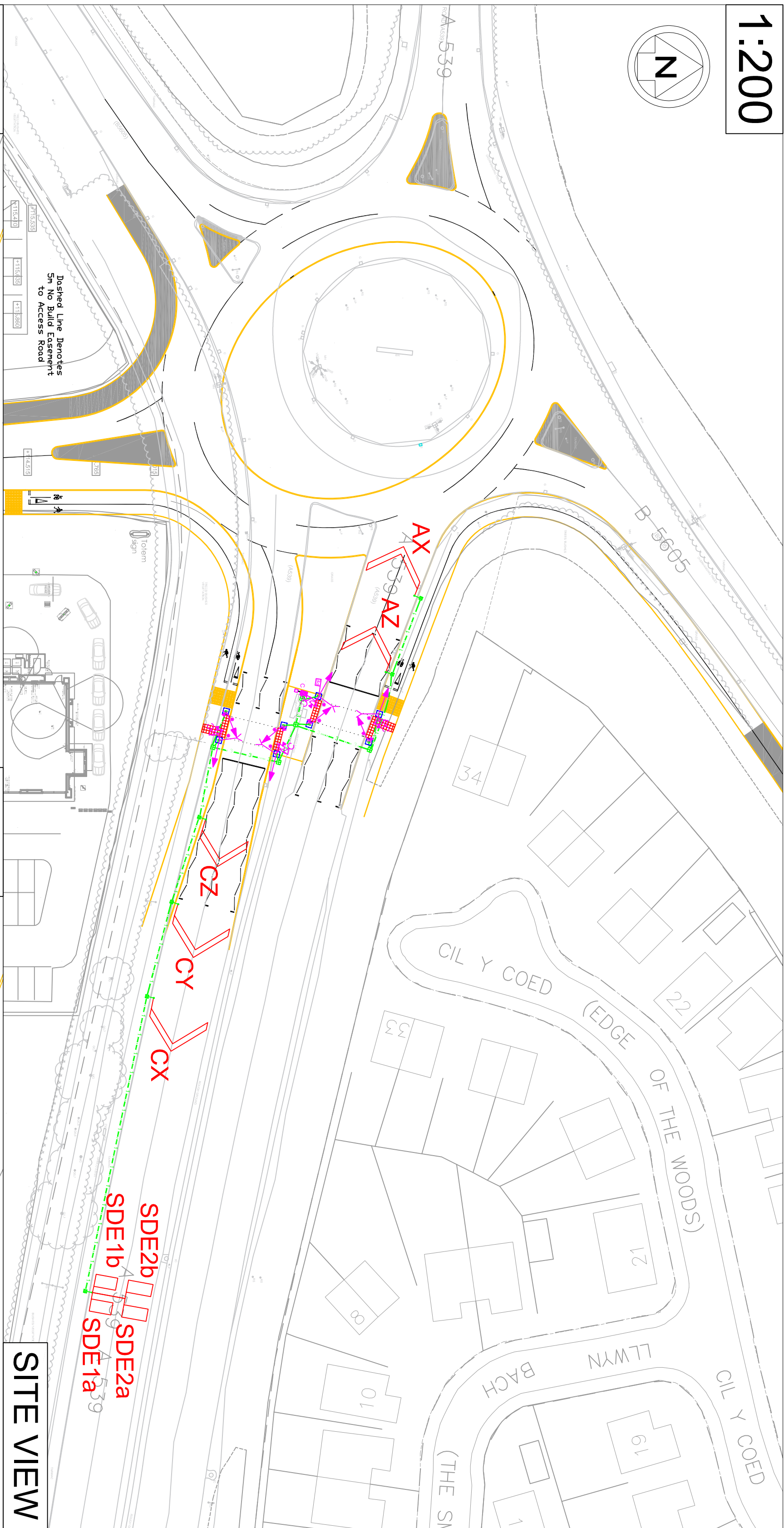
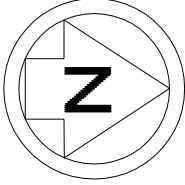
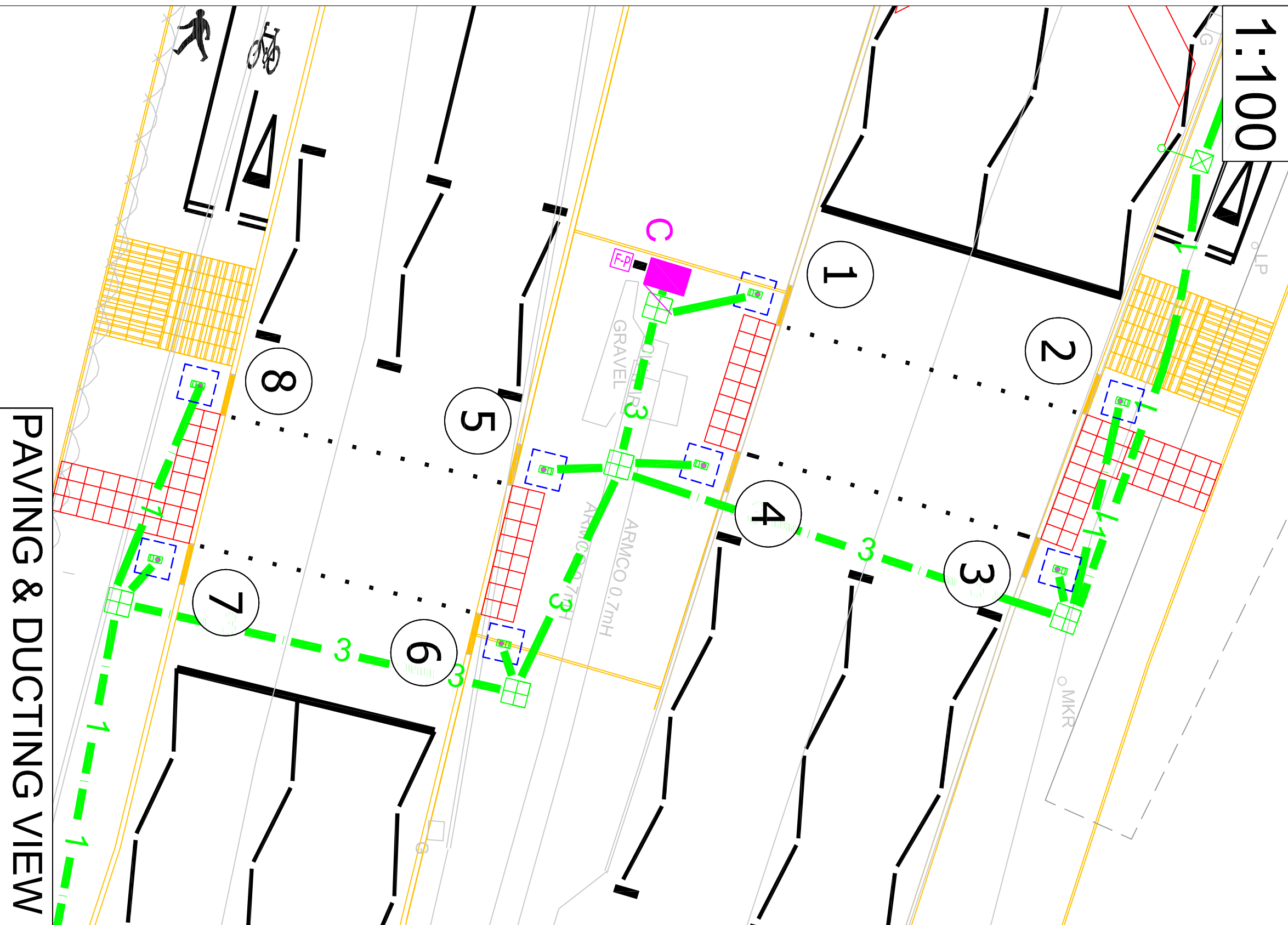


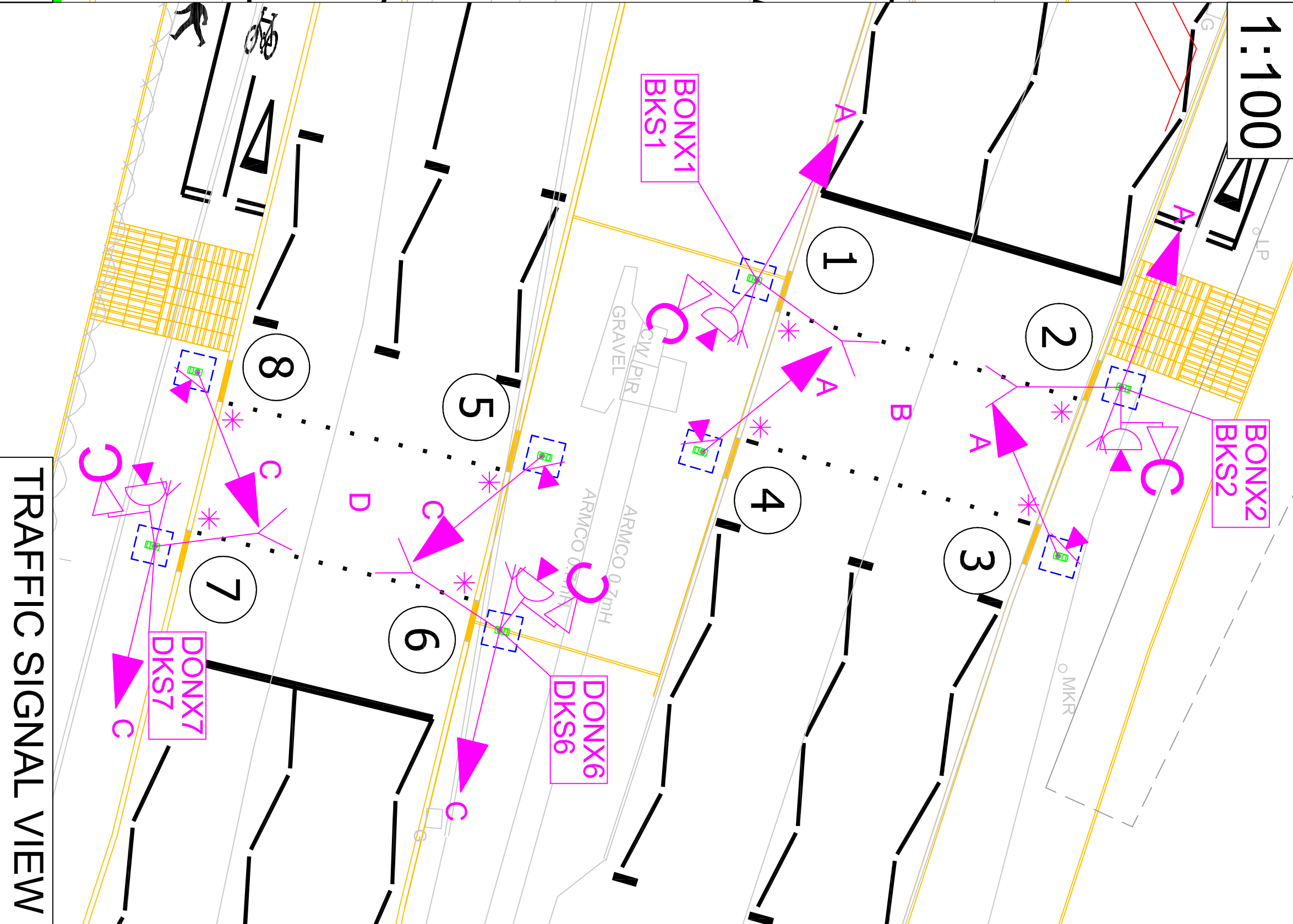
1:200



SITE VIEW



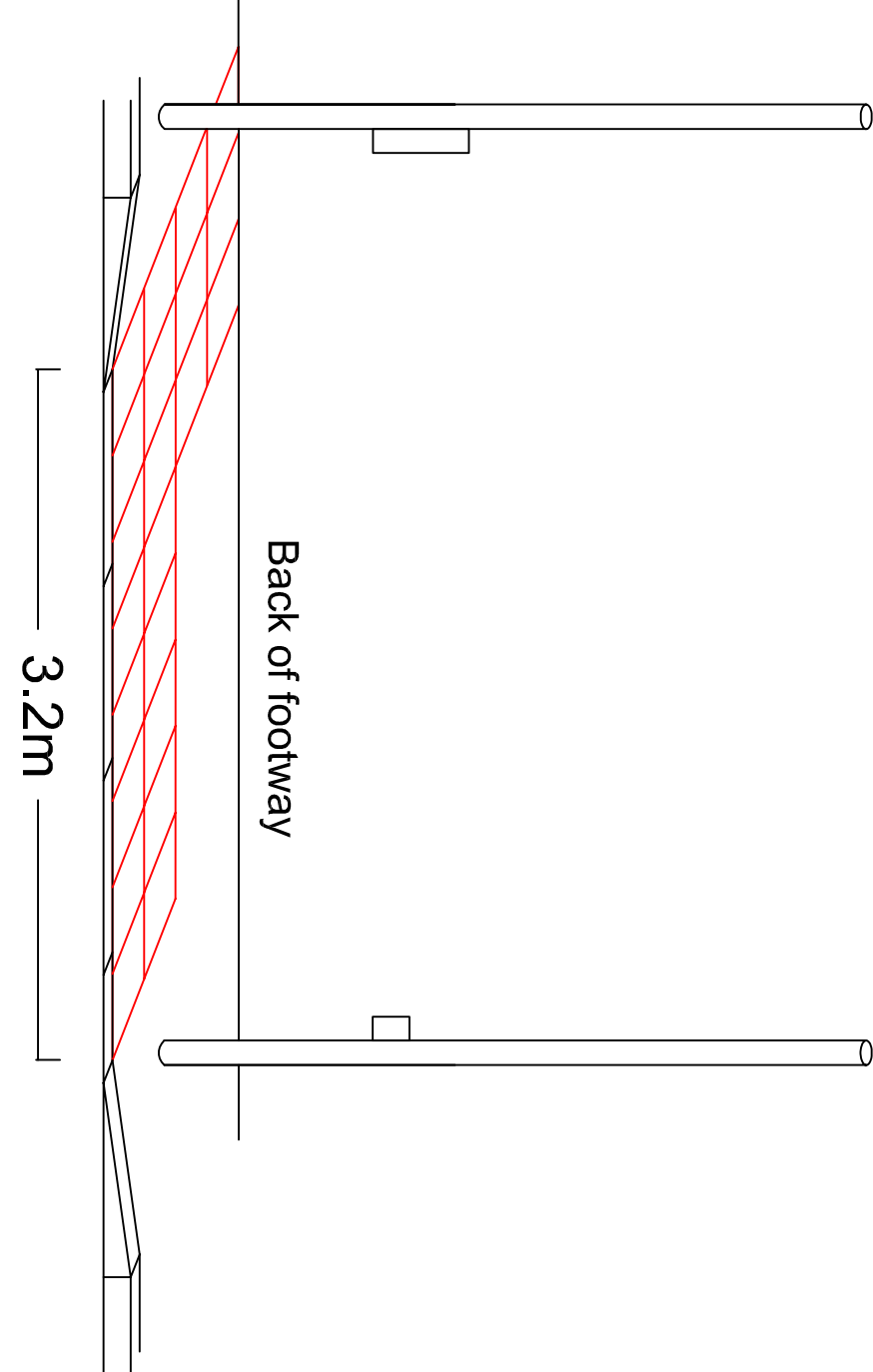
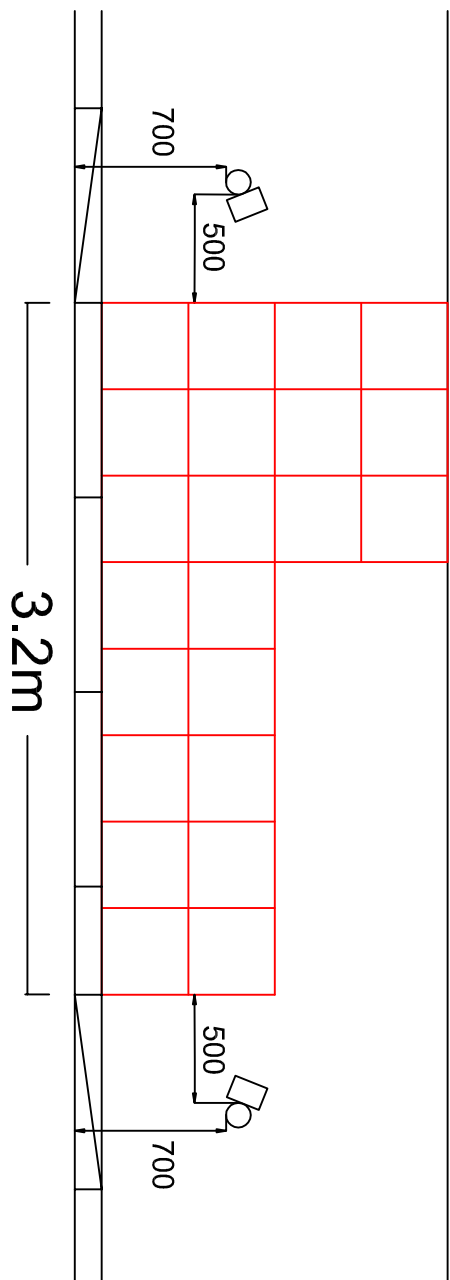
PAVING & DUCTING VIEW



TRAFFIC SIGNAL VIEW

PEDESTRIAN CROSSING DETAIL

Back of footway



- Notes
- 1.) Pedestrian crossing points to be 3.2m in width.
 - 2.) Tactile paving slabs are to be 400x400mm.
 - 3.) Signal poles are to be placed at the front of the footway. Pole faces are to be 500mm from the tactile paving, and 700mm from the kerb face.
 - 4.) Kerb upstand on dropped section should be no more than 6mm.
 - 5.) Nearside dual language Toucan Indicator/PBU alignment to be agreed with engineer.
 - 6.) Distance from ground to centre of push button should be between 1.0-1.1m.

TRAFFIC SIGNAL EQUIPMENT DETECTOR SCHEDULE & PHASE INFORMATION

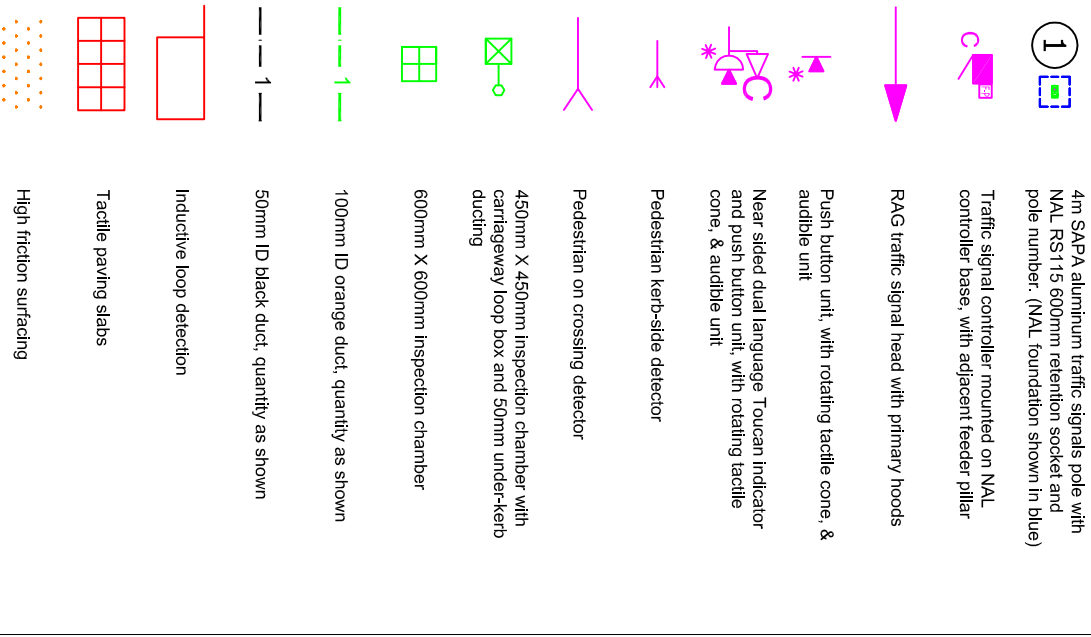
To be read in conjunction with NOTES and Standard Drawings

Det No.	Detector Label	Phase(s) Demanded	Phase(s) Extended	Vehicle Green Extension	Pedestrian All Red Extension	Cancel Time	Comments
01	BONX1	-	-	-	1.0	-	On crossing det
02	BONX2	-	-	-	1.0	-	On crossing det
03	DONX6	-	-	-	1.0	-	On crossing det
04	DONX7	-	-	-	1.0	-	On crossing det
05	BKS1	-	-	-	-	2.0	Kerb side det
06	BKS2	-	-	-	-	2.0	Kerb side det
07	DKS6	-	-	-	-	2.0	Kerb side det
08	DKS7	-	-	-	-	2.0	Kerb side det
09	BPBU1	B	-	-	-	-	Push button unit
10	BPBU2	B	-	-	-	-	Push button unit
11	BPBU3	B	-	-	-	-	Push button unit
12	BPBU4	B	-	-	-	-	Push button unit
13	DPBU5	D	-	-	-	-	Push button unit
14	DPBU6	D	-	-	-	-	Push button unit
15	DPBU7	D	-	-	-	-	Push button unit
16	DPBU8	D	-	-	-	-	Push button unit
17	AX	A	A	1.5	-	-	Loop detector
18	AZ	A	A	1.5	-	-	Loop detector
19	CX	C	C	1.5	-	-	Loop detector
20	CY	C	C	1.5	-	-	Loop detector
21	CZ	C	C	1.5	-	-	Loop detector
22	SDE1	-	C	3.0	-	-	Speed discrimination
23	SDE2	-	C	3.0	-	-	Speed discrimination

NOTES:

- 1.) New ELV dual toucan crossing to be installed using aluminium SPA poles or pre-authorized equivalent.
- 2.) GSM OMVU compatible with Wrexham County Borough Council remote monitoring system is to be supplied, installed and commissioned by the signal company (including installation configuration).
- 3.) Aluminium poles are to be installed 700mm from the kerb face and rotated 15° from the kerb line.
- 4.) Push buttons and nearside indicators are to be installed at 30° from the kerb line. **Push buttons are to be DUAL LANGUAGE (Wash above English).** Tactile devices are to be installed in the push button units.
- 5.) Traffic signal equipment & street furniture should have a minimum clearance of 450mm to the kerb face.
- 6.) All street furniture including the controller cabinet are to be grey in colour.
- 7.) Crossing will operate under VA control using inductive loop detection (XV2 and SDE).
- 8.) Controller & feeder pillar are to be set within a concrete hard-standing area to provide ease of access for engineers.
- 9.) NAL RS150F 600mm pole retention sockets are to be used and should be installed to the manufacturer's guidelines.
- 10.) NAL STRKKA twin walled chambers should be used.
- 11.) NAL controller base is to be used.
- 12.) The road surface from the crossing studs to a point 50m back RSL should be placed off and replaced with new high friction surfacing material with a FSY >67 (where possible).
- 13.) This drawing should be read in conjunction with the appropriate Appendix 12/5 document.
- 14.) All equipment, ducting and street furniture should be installed to Wrexham County Borough Council current standards.

TRAFFIC SIGNALS KEY



DRAFT

ADVANTAGE TRAFFIC
SIGNAL CONTROL & DESIGN LTD
(01522 689 688 07827 777 512)

CLIENT
Aldi Stores Ltd

TITLE:
Proposed Dual Toucan Crossing
A539 Langollen Road, Ruabon
North Wales

BRANCH NUMBER	REVISION SCALE
AT18043-01-01	A As shown
DESIGNED BY	PRO
CHECKED BY	AKG
APPROVED BY	AKG
DATE	01-12-19
DATE	01-12-19
DATE	01-12-19

Keanogry RSX LTD
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Lludlow Business Park,
Lludlow, Herefordshire,
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