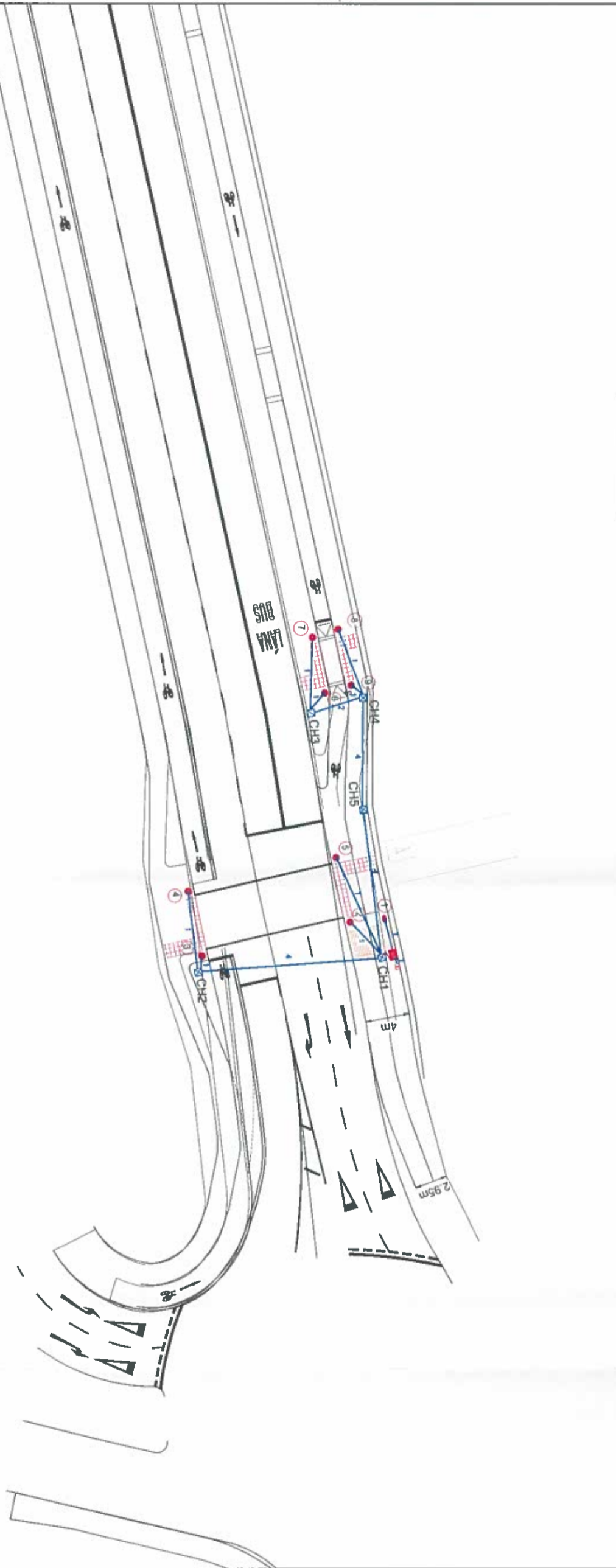


CHAMBER SCHEDULE			
Chamber Reference	Size of chamber (mm)	Depth of deepest duct (mm)	Comments
CH1	600 x 600	750	Adjacent to controller
CH2	600 x 600	750	
CH3	450 x 450	450	
CH4	600 x 600	450	
CH5	600 x 600	450	

- Notes:**
1. Depth of the deepest duct is to the top of the duct;
  2. Between the controller and chamber CH1 a 100mm orange connecting ducts shall be installed;
  3. A single orange 100mm duct run shall be provided from the power pillar to the controller.



- Notes:**
1. All dimensions are in millimeters unless otherwise noted.
  2. All levels are in metres above Ordnance Datum.
  3. Do not scale from this drawing.
  4. This drawing shall only be used for the design element stated in the drawing title.
  5. For details of 'Isade paving refer to Pavement or General Arrangement drawing.

**Ducting Notes:**

1. Controller, power pillar and all pole socket locations to be indicated on site with the local authority traffic signal engineer.
2. All works shall comply with the latest version of the Utility Valley Traffic Sign Installation Requirements.

**Key:**

- NAL socket (R31150F)
- NAL socket (R3400F)
- ① Pole numbering
- ⊠ 600mm x 600mm Internal Chamber
- ⊠ 450mm x 450mm Internal Chamber
- U 100mm orange traffic signal duct, number of ducts as shown
- CH1 Chamber reference
- Controller on NAL base
- Power pillar

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**Area C**  
 Proposed Traffic Control  
 Football Road at North Emsayn, C  
 Traffic Signal Ducting Layout

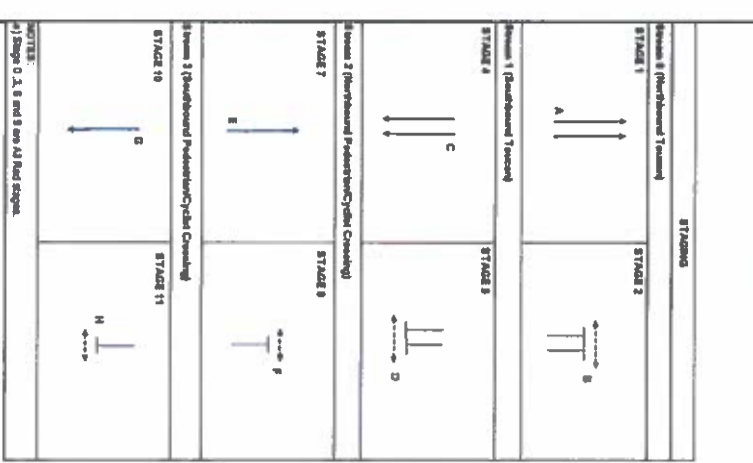
Drawn: RD  
 Checked: AI  
 Date: June 20  
 Scale: 1:200

Project Name: Construction  
 Drawing No: EBD120A10C/C/TS02

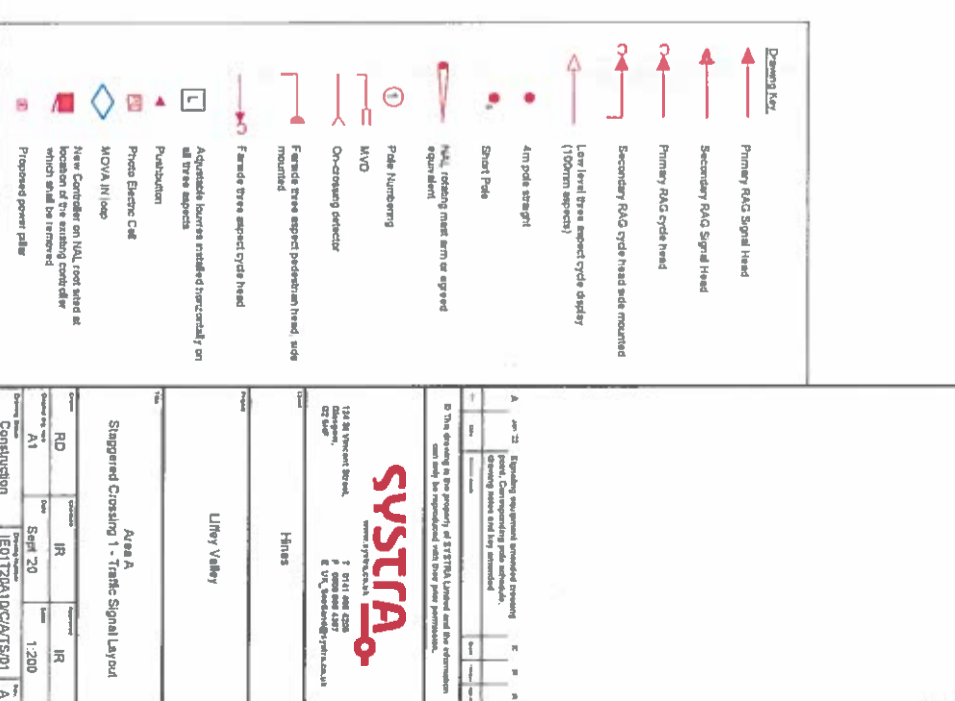
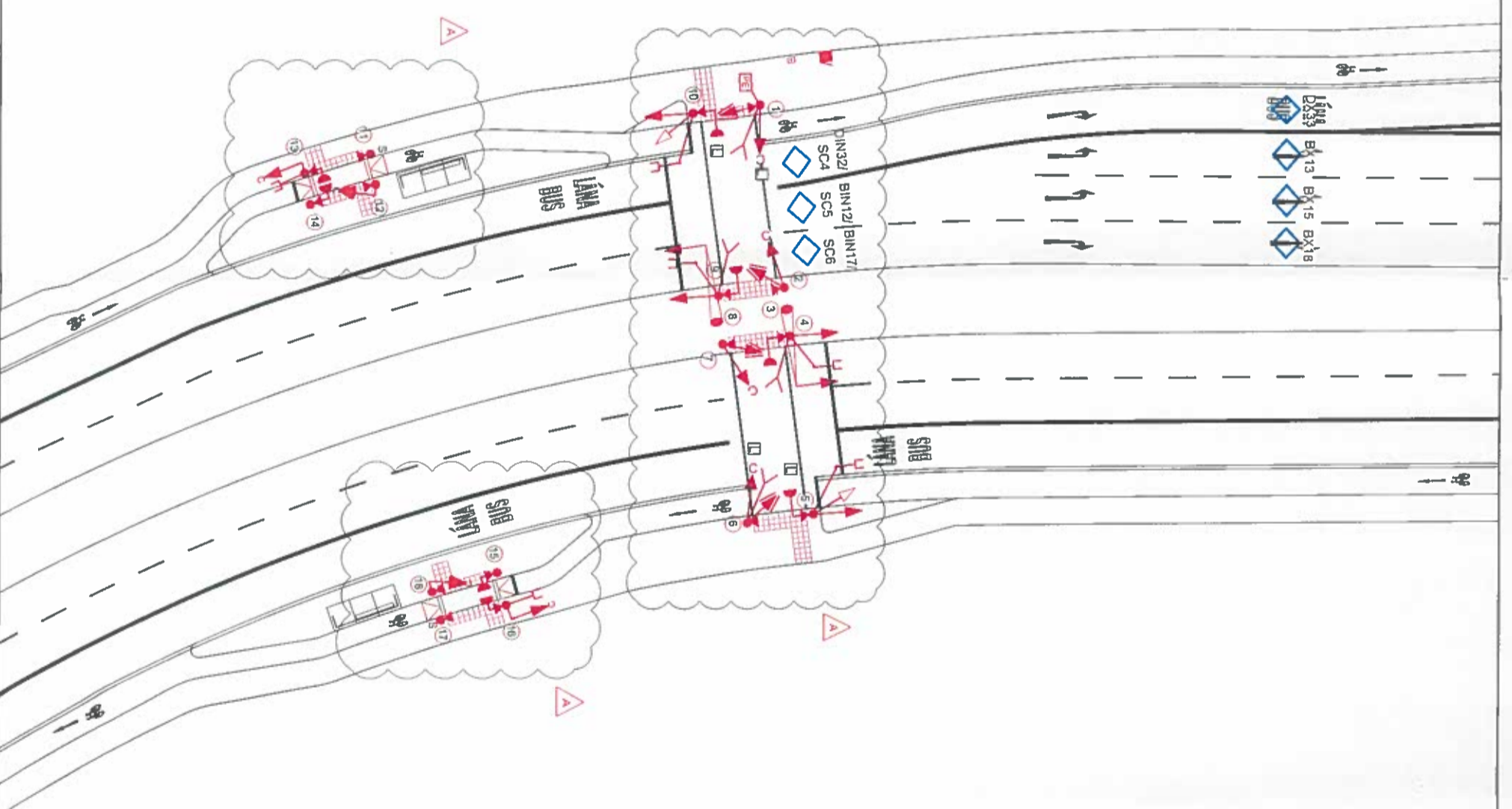
Pole Ref. Type	Head Reference	Traffic		Cycle/Pedestrian		Detection	Pole Spacing (m)	Comments		
		Primary Head + Primary Head	Secondary Head + Primary Head	Three aspect cycle head	Low level three aspect (detector dependent)				Three aspect pedestrian head	Pushbutton (Priority)
1	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
2	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
3	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
4	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
5	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
6	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
7	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
8	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
9	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
10	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
11	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
12	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
13	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
14	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
15	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
16	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
17	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
18	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
19	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole
20	RAD	-	Yield	Yield	-	-	0.50m	0.50m	0.50m	Per set on the pole

Crossing Ref.	Phase	Type	Description	Width	Number
1	C	Toucan	Across Forest Road northbound	4.00m	10
2	F	Toucan	Across Forest Road southbound	4.00m	10
3	H	Pedestrian	Across cycleway northbound	4.00m	10
4	J	Pedestrian	Across cycleway southbound	4.00m	10

Notes:  
1) Traffic patterns are 400m x 400m squares and colour red.



NOTES:  
1) Signs O, B and S see A4 Road signs.



General Notes:  
1. Do not scale from this drawing.  
2. All dimensions are in metres unless otherwise stated.

Traffic Signal Notes:  
1. The signal comprises pedestrian of a new installation with four streams.  
2. A Toucan crossing with on-crossing direction on Forest Road northbound (with a 50kph speed limit).  
3. A Toucan crossing with on-crossing direction on Forest Road southbound (with a 50kph speed limit).  
4. A Pedestrian crossing on the cycleway southbound.  
5. The Toucan streams operate via vehicle links from the Toucan crossing via a Toucan stream link.  
6. The Toucan stream operates via vehicle links from a pedestrian in the verge, a stream will be forwarded to the other crossing so that pedestrians and cyclists will be triggered when either stream right of way with a vehicle link is triggered.  
7. The cycle pedestrian stream operates via a stream link.  
8. The cycle pedestrian stream operates via a stream link.  
9. The cycle pedestrian stream operates via a stream link.  
10. The cycle pedestrian stream operates via a stream link.  
11. The cycle pedestrian stream operates via a stream link.  
12. The cycle pedestrian stream operates via a stream link.  
13. The cycle pedestrian stream operates via a stream link.  
14. The cycle pedestrian stream operates via a stream link.  
15. The cycle pedestrian stream operates via a stream link.  
16. The cycle pedestrian stream operates via a stream link.  
17. The cycle pedestrian stream operates via a stream link.  
18. The cycle pedestrian stream operates via a stream link.  
19. The cycle pedestrian stream operates via a stream link.  
20. The cycle pedestrian stream operates via a stream link.

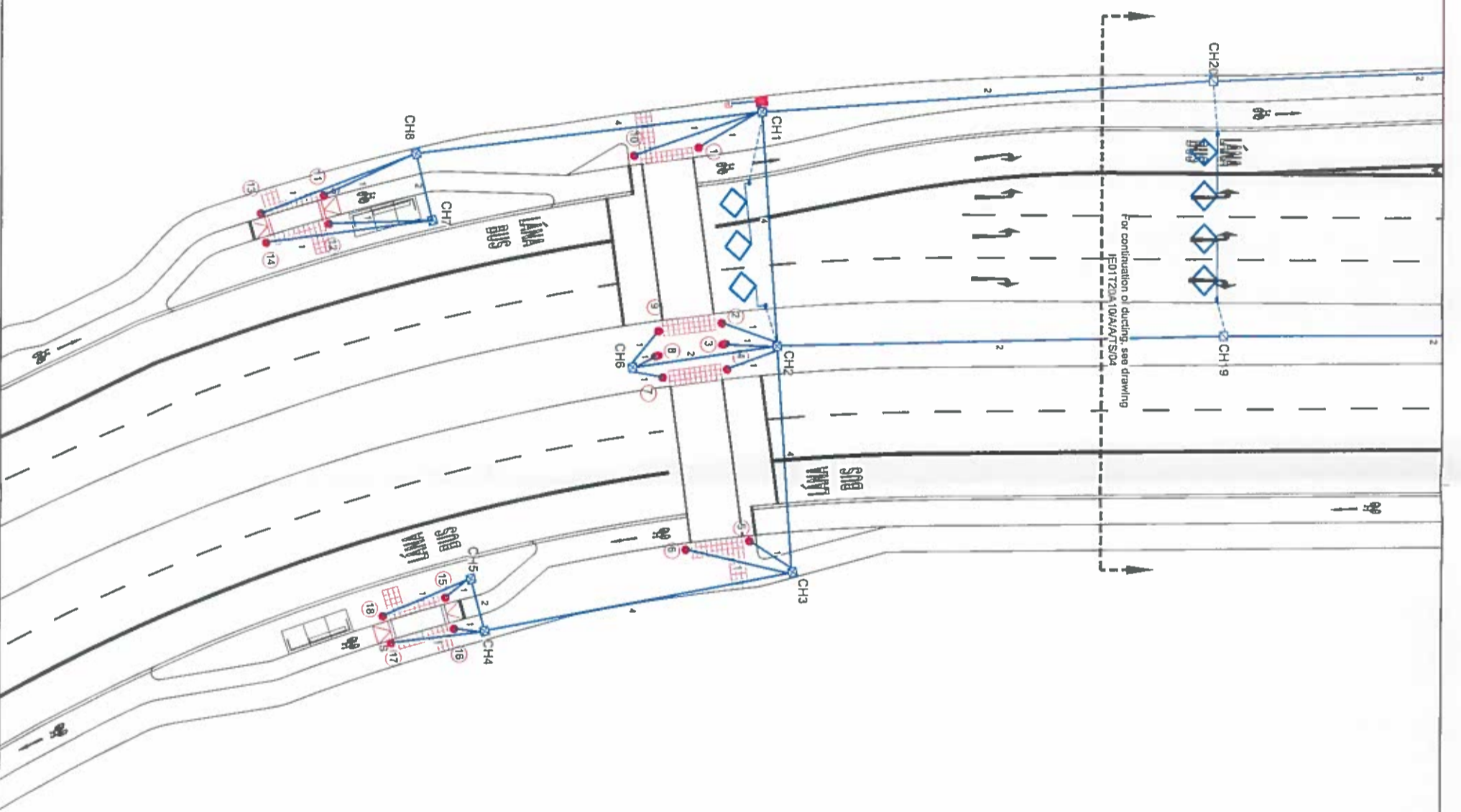
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Ulvey Valley  
A166  
Staggered Crossing 1 - Traffic Signal Layout  
Rev: A1  
Date: Sept 20  
Scale: 1:200  
Drawing No: E012/21/10/CA/TS/01

Chamber Reference	Size of chamber (mm)	Depth of deepest duct (mm)	Comments
CH1	600 x 600	750	Adjacent to controller
CH2	600 x 600	750	
CH3	600 x 600	750	
CH4	600 x 600	450	
CH5	450 x 450	450	
CH6	450 x 450	450	
CH7	450 x 450	450	
CH8	600 x 600	450	

Notes:

1. Depth of the deepest duct is to the top of the duct.
2. Between the controller and chamber CH1 x 100mm orange connecting ducts shall be included, and
3. A single orange 100mm duct run shall be provided from the power piler to the controller.



Notes:

1. Do not scale from this drawing.
2. All dimensions are in millimeters unless otherwise noted.
3. All works shall comply with the latest version of the Entry Valley Traffic Signal Installation Requirements.
4. For details of T-junction paving refer to Pavement or General Arrangement drawings.

Drawing Notes:

1. Controller, power piler and all jobs shall be installed to be agreed on site with the local authority traffic signal engineer.
2. All works shall comply with the latest version of the Entry Valley Traffic Signal Installation Requirements.

- NAL socket (R5115DF)
- NAL socket (R5409DF)
- Pole numbering
- 100mm orange traffic signal duct, number of ducts as shown
- 50mm orange traffic signal duct (1m)
- 600mm x 600mm terminal chamber
- 450mm x 450mm terminal chamber
- Carriageway Loop Box
- ◇ Chamber reference
- ◇ MOVA loop with tails
- SCOOT loops with tails
- Controller on NAL base
- Power piler

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Files  
Entry Valley

Project	Avenue A	
Task	Suggested Crossing 1 - Traffic Signal Ducting Layout	
Contract	RD	IR
Contract No.	S491 20	1.200
Contract Name	Construction	IED1T20A10A/ATS02