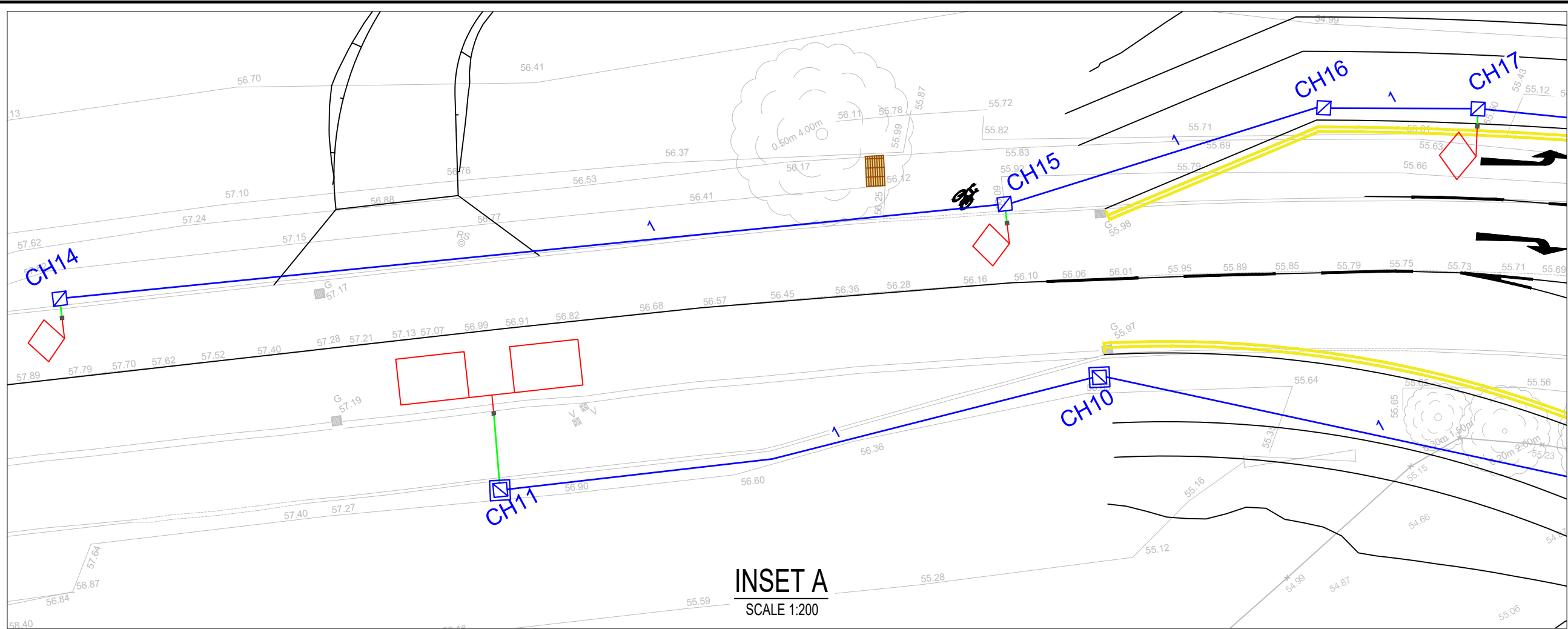
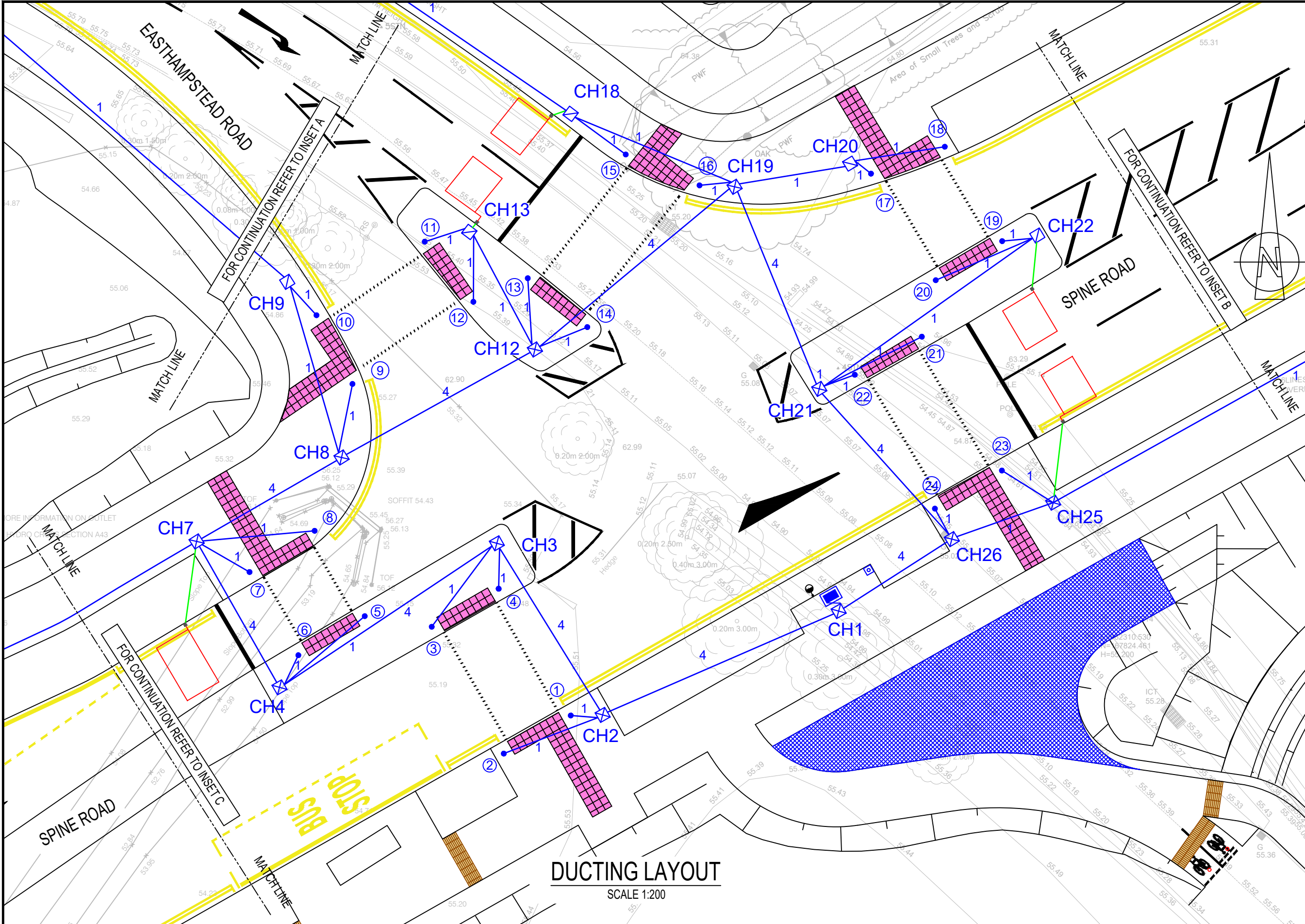
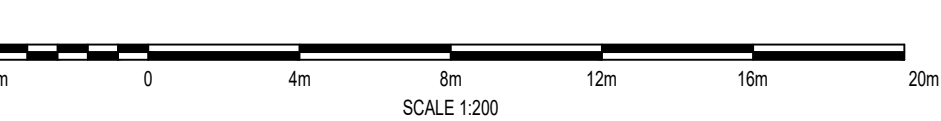
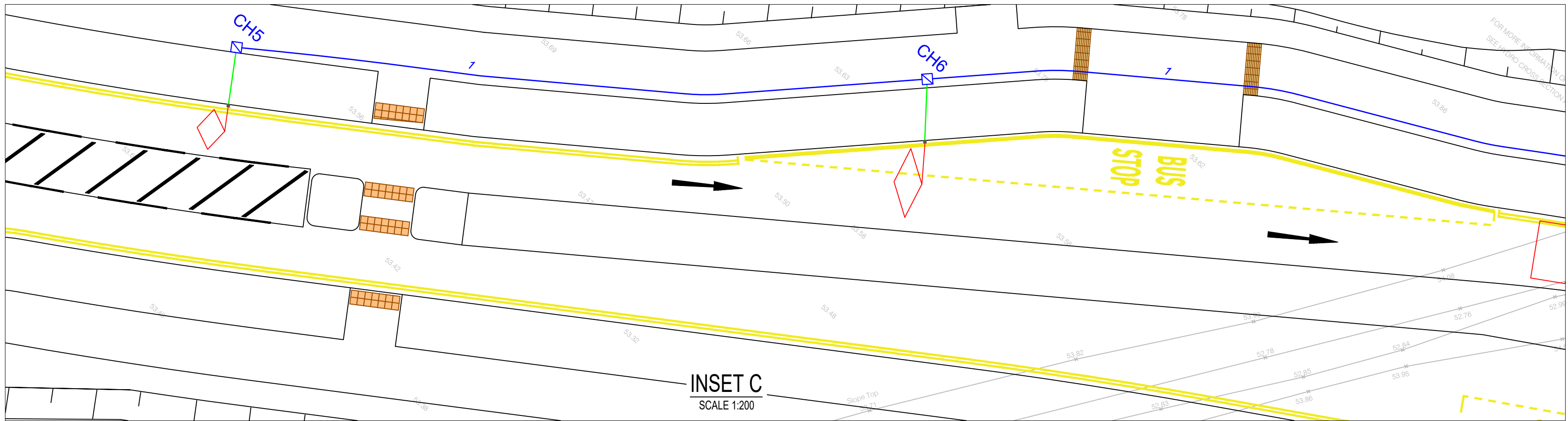
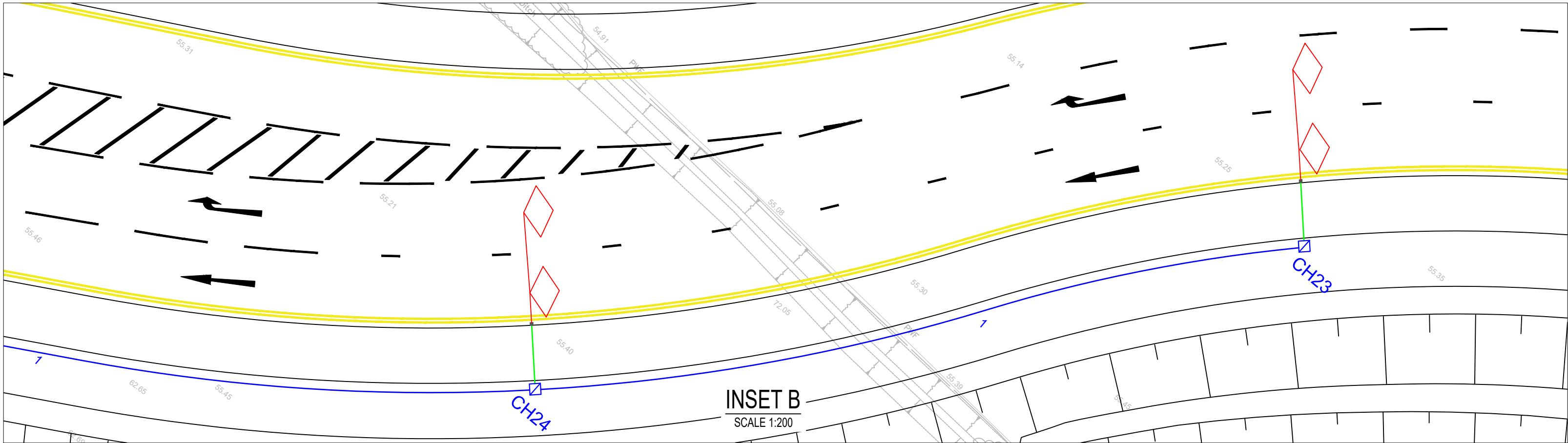




CHAMBER SCHEDULE			
CHAMBER REFERENCE	SIZE OF CHAMBER (mm)	DEPTH OF DEEPEST DUCT	COMMENTS
		(mm)	
CH1	900 x 900	400	ADJACENT TO THE CONTROLLER
CH2	600 x 600	400	
CH3	600 x 600	700	
CH4	600 x 600	700	
CH5	450 X 450	400	
CH6	450 X 450	400	
CH7	600 x 600	700	
CH8	600 x 600	700	
CH9	450 X 450	400	
CH10	450 X 450	400	
CH11	450 X 450	400	
CH12	600 x 600	700	
CH13	450 X 450	400	
CH14	450 X 450	700	DUCT RUN PASSES BENEATH A LAYBY
CH15	450 X 450	700	
CH16	450 X 450	400	
CH17	450 X 450	400	
CH18	450 X 450	400	
CH19	600 x 600	700	
CH20	450 X 450	400	
CH21	600 x 600	700	
CH22	450 X 450	400	
CH23	450 X 450	400	
CH24	450 X 450	400	
CH25	450 X 450	400	
CH26	600 x 600	700	

NOTES:
1. DEPTH OF THE DEEPEST DUCT IS TO THE TOP OF THE DUCT; AND
2. WHERE A DUCT CROSSES UNDER BOTH CARRIAGEWAY AND FOOTWAY, THE DUCT SHOULD BE MAINTAINED AT A CONSISTENT DEPTH OF 700mm ALONG ITS ENTIRE LENGTH



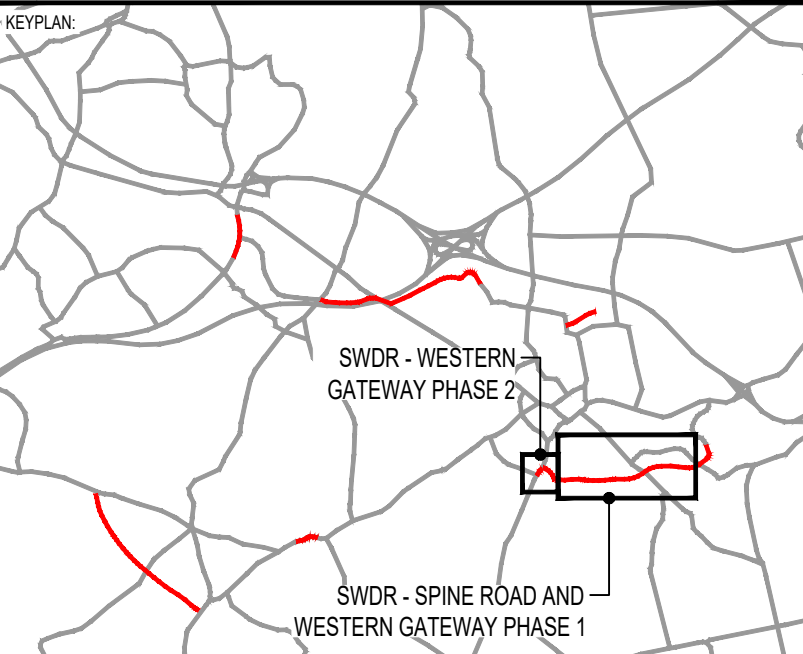
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DO NOT SCALE

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
 - THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
 - FOR DETAILS OF PSV SURFACING REFER TO 700 SERIES.
 - FOR DETAIL OF KERBS, FOOTWAYS AND PAVED AREAS REFER TO 1100 SERIES.
 - FOR JUNCTION INTER-VISIBILITY REFER TO 100 SERIES.
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS WMHP-TG-SRWG1-DR-HI-1201 TO 1208 WMHP-TG-SRWG1-DR-HI-1221 AND SPECIFICATIONS WMHP-TG-SRWG1-SP-HI-1201 AND 1205

LEGEND

- NAL SOCKET (RS115DF)
- NAL SOCKET (RS115DF) WITH SHALLOW FOUNDATION BASE
- POLE NUMBERING
- 100mm ORANGE TRAFFIC SIGNAL DUCT, NUMBER OF DUCTS AS SHOWN
- SINGLE 50mm DUCT RUN
- 900mm X 900mm TWINWALL CHAMBER
- 600mm X 600mm TWINWALL CHAMBER
- 450mm X 450mm TWINWALL CHAMBER
- 450mm X 450mm TWINWALL CHAMBER WITH 500mm CONCRETE SURROUND
- CHAMBER REFERENCE
- CARRIAGEWAY LOOP BOX
- MOVA STOPLINE LOOP OR QUEUE LOOP WITH TAILS
- MOVA DIAMOND LOOP WITH TAILS
- MAINTENANCE VEHICLE PARKING BAY
- CONTROLLER ON NAL BASE
- POWER PILLAR



P02	01/04/2022	PR	UPDATED BASED ON COMMENTS	IR	IR
P01	20/08/2021	PR	DETAILED DESIGN ISSUE	IR	IR
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS: **SUITABLE FOR EXAMINATION** **S8**

DESIGNER: **Tony Gee and Partners LLP**
Hardy House
140 High Street
Esher, Surrey
KT10 9QJ
Tel: 01372 461600
www.tonygee.com
Consulting Civil, Structural and Geotechnical Engineers

CONTRACTOR: **Balfour Beatty**

CLIENT: **WOKINGHAM BOROUGH COUNCIL**
Shute End, Wokingham, Berkshire RG40 1BN
Tel: (0118) 974 6000 Web: www.wokingham.gov.uk

PROJECT: **WOKINGHAM MAJOR HIGHWAYS PROGRAMME**
SPINE ROAD AND WESTERN GATEWAY PHASE 1

TITLE: **HIGHWAYS**
EASTHAMPTSTEAD ROAD JUNCTION
DUCTING LAYOUT

SCALE @ A1: 1:200
CHECKED: IR
APPROVED: IR

PROJECT NO: C118047
DESIGNED: PR
DRAWN: BPH
DATE: April 22

DRAWING NO: **WMHP-TG-SRWG1-DR-HI-1239**
REV: **P02**

DUCTING NOTES

- CONTROLLER, POWER PILLAR, POLE SOCKETS, LOOP AND LOOP BOX LOCATIONS TO BE AGREED ON SITE WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER.
- A SINGLE 50mm ORANGE DUCT RUN SHALL BE PROVIDED FROM THE POWER PILLAR INTO THE CONTROLLER.
- BETWEEN THE CONTROLLER AND CHAMBER CH1 8 x 100mm ORANGE CONNECTING DUCTS SHALL BE INSTALLED.
- THE CONTROLLER CABINET SHALL BE A NAL 'CABINET STYLE' BASE APPROPRIATE FOR THE CONTROLLER TYPE. THE CONTROLLER CABINET BASE SHALL BE INSTALLED TO MANUFACTURE'S REQUIREMENTS.
- POLE RETENTION SOCKETS SHALL BE NAL RS115 UNLESS OTHERWISE AGREED WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER. SOCKETS SHALL BE INSTALLED TO THE MANUFACTURER'S REQUIREMENTS.
- CHAMBERS SHALL BE NAL STAKKABOX AND SHALL HAVE A GRADE C250 COMPOSITE LID WITH STEEL FRAMES. CHAMBERS SHALL BE INSTALLED TO THE MANUFACTURER'S REQUIREMENTS.
- ALL NEW DUCTING SHALL BE POLYPROPYLENE, ORANGE IN COLOUR, SMOOTH BORE WITH 'TRAFFIC SIGNALS DUCTS' IMPRINTED ON THE DUCTS. DRAW CORDS SHALL BE INCLUDED IN ALL DUCTS.
- ALL WORKS SHALL COMPLY WITH THE APPENDIX 12/5 WORKS SPECIFICATION AND ALL OTHER RELEVANT ENGINEERING DETAILS AND DRAWINGS. THE SCHEME SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DMRB CODE OF PRACTICE.