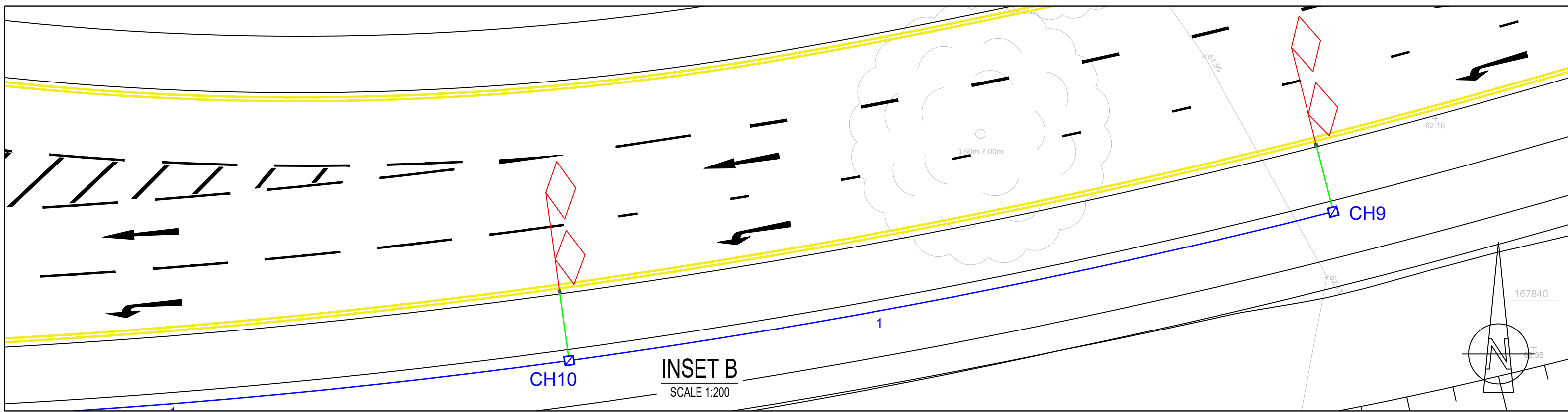
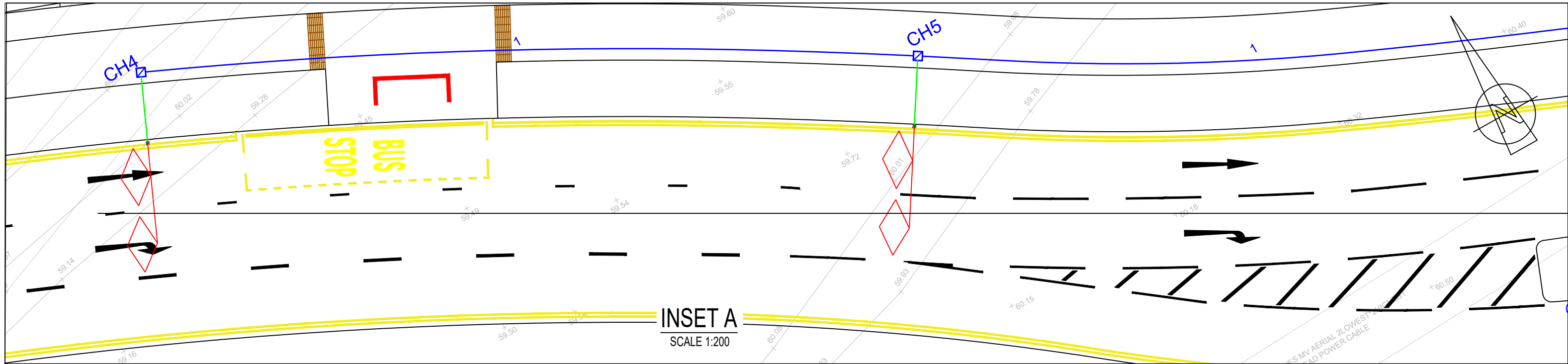
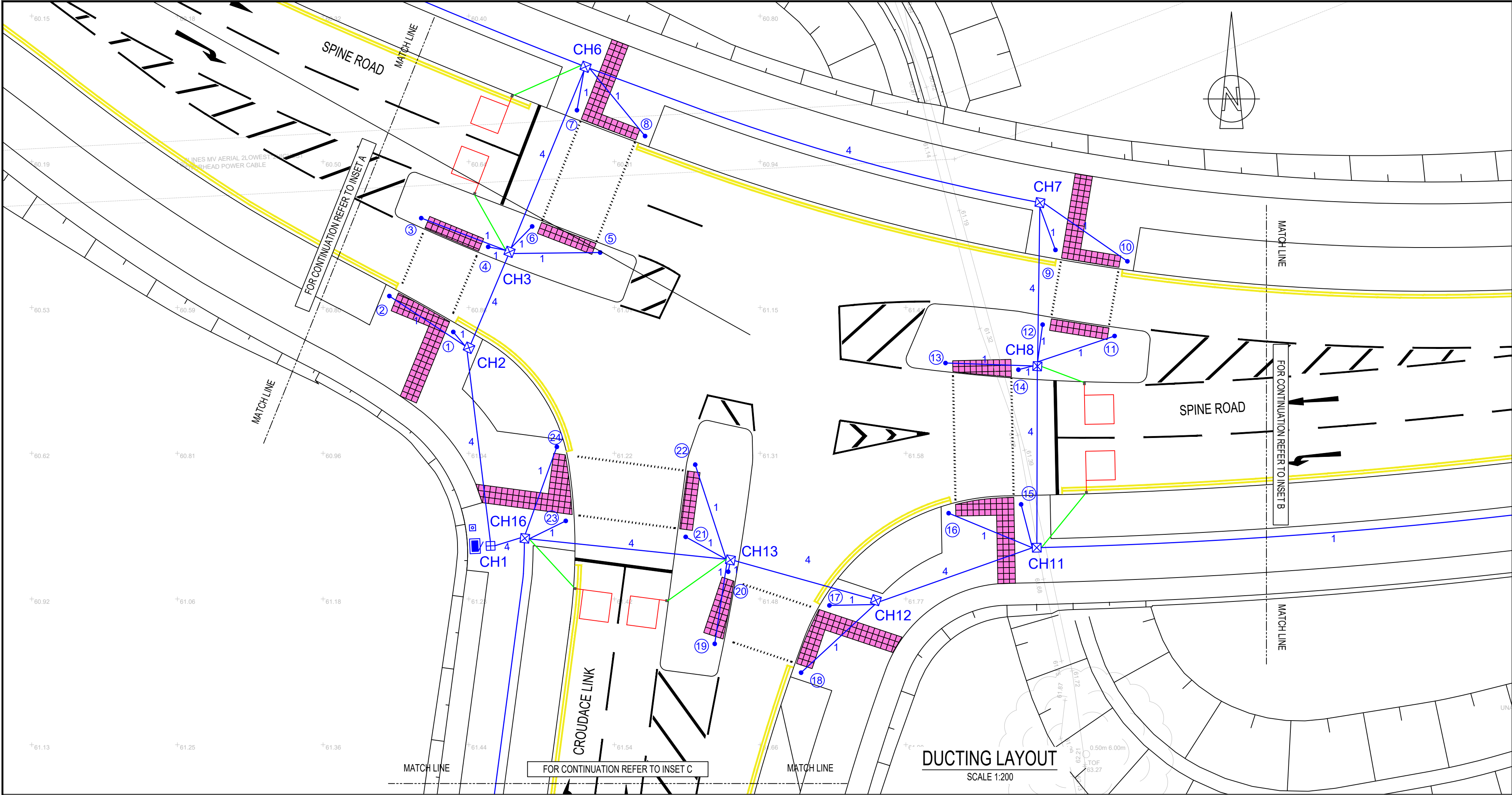
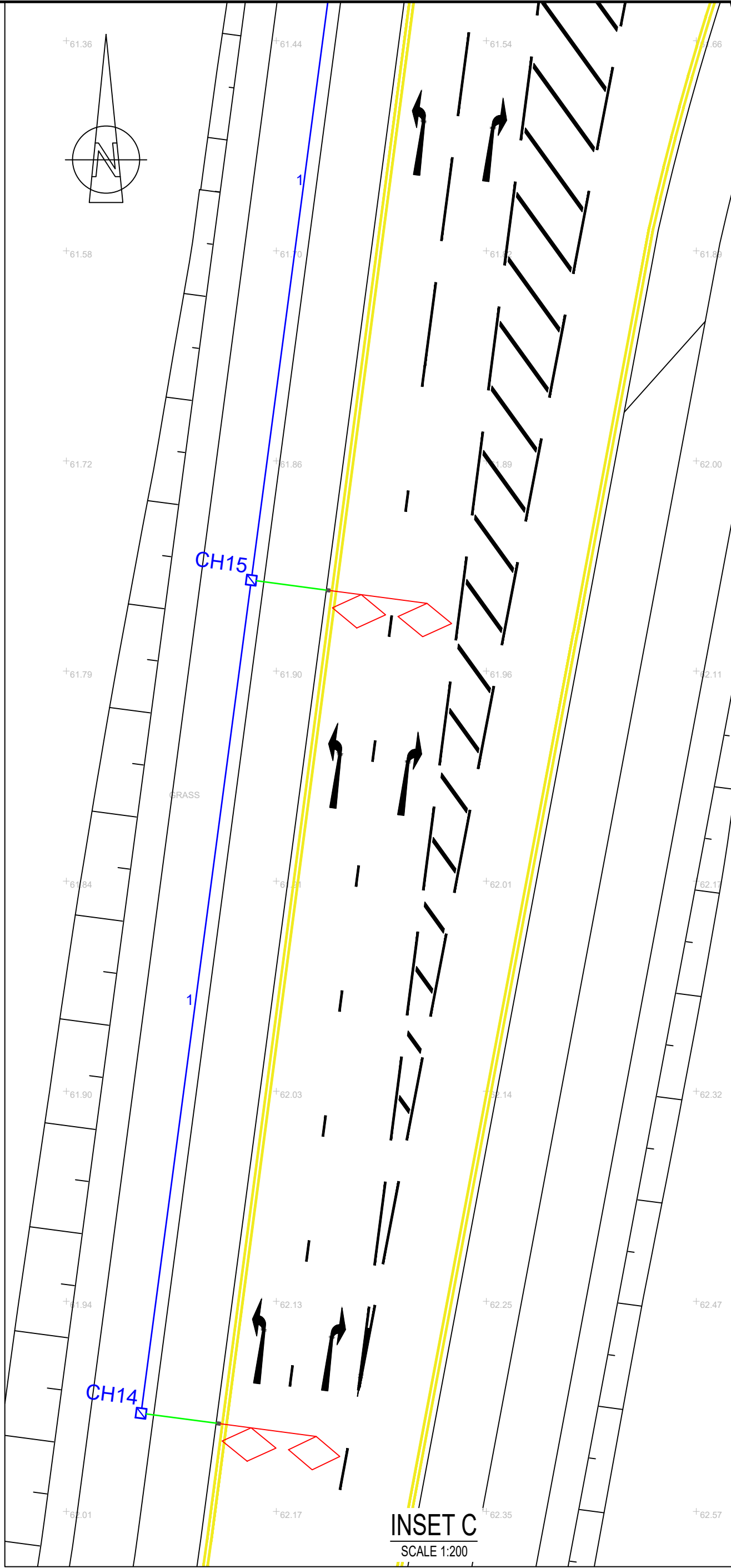




- DUCTING NOTES**
1. CONTROLLER, POWER PILLAR, POLE SOCKETS, LOOP AND LOOP BOX LOCATIONS TO BE AGREED ON SITE WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER.
 2. A SINGLE 50mm ORANGE DUCT RUN SHALL BE PROVIDED FROM THE POWER PILLAR INTO THE CONTROLLER.
 3. BETWEEN THE CONTROLLER AND CHAMBER CH1 8 x 100mm ORANGE CONNECTING DUCTS SHALL BE INSTALLED.
 4. 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.
 5. POLE RETENTION SOCKETS SHALL BE NAL RS115 UNLESS OTHERWISE AGREED WITH THE LOCAL AUTHORITY TRAFFIC SIGNAL ENGINEER. SOCKETS SHALL BE INSTALLED TO THE MANUFACTURE'S REQUIREMENTS.
 6. CHAMBERS SHALL BE NAL STAKKABOX AND SHALL HAVE A GRADE C250 COMPOSITE LID WITH STEEL FRAMES. CHAMBERS SHALL BE INSTALLED TO THE MANUFACTURE'S REQUIREMENTS.
 7. 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.
 8. 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.



CHAMBER SCHEDULE			
CHAMBER REFERENCE	SIZE OF CHAMBER (mm)	DEPTH OF DEEPEST DUCT (mm)	COMMENTS
CH1	900 x 900	450	ADJACENT TO CONTROLLER
CH2	600 x 600	700	
CH3	600 x 600	700	
CH4	450 x 450	400	
CH5	450 x 450	400	
CH6	600 x 600	700	
CH7	600 x 600	700	
CH8	600 x 600	700	
CH9	450 x 450	400	
CH10	450 x 450	400	
CH11	600 x 600	700	
CH12	600 x 600	700	
CH13	600 x 600	700	
CH14	450 x 450	400	
CH15	450 x 450	400	
CH16	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.

DO NOT SCALE

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
3. THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
4. FOR DETAILS OF PSV SURFACING REFER TO 700 SERIES.
5. FOR DETAIL OF KERBS, FOOTWAYS AND PAVED AREAS REFER TO 1100 SERIES.
6. FOR JUNCTION INTER-VISIBILITY REFER TO 100 SERIES.
7. 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
- ① 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
- CH1 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

KEYPLAN:
SWDR - WESTERN GATEWAY PHASE 2
SWDR - SPINE ROAD AND WESTERN GATEWAY PHASE 1

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**

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

TITLE: **HIGHWAYS**
CROUDACE LINK JUNCTION
DUCTING LAYOUT **SHEET 3**

SCALE @ A1: 1:200	CHECKED: IR	APPROVED: IR
PROJECT NO: C118047	DESIGNED: PR	DRAWN: BPH
DRAWING No: WMHP-TG-SRWG1-DR-HI-1242	DATE: August 21	REV: P02