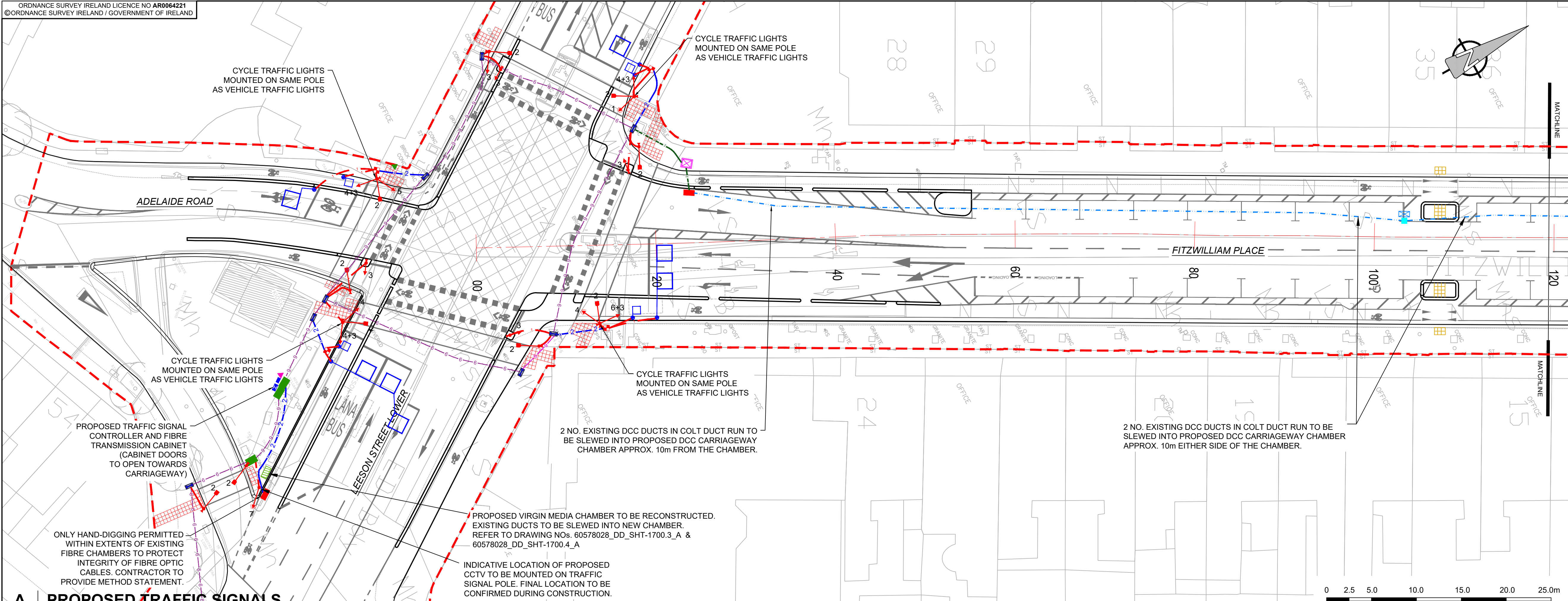


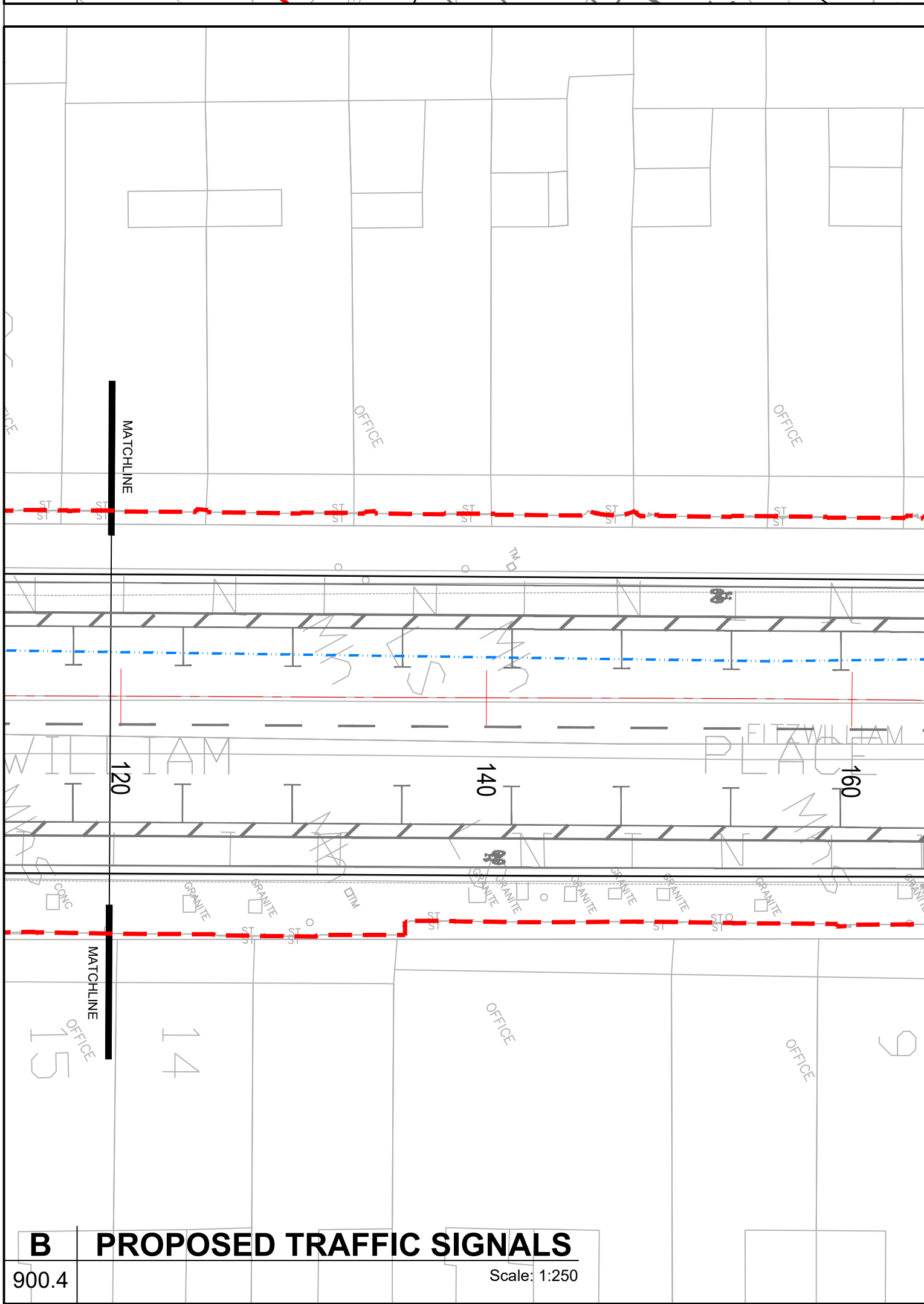
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 Project Management Initials: Designer: TM Checked: AM Approved: BMcM ISO A1 594mm x 841mm



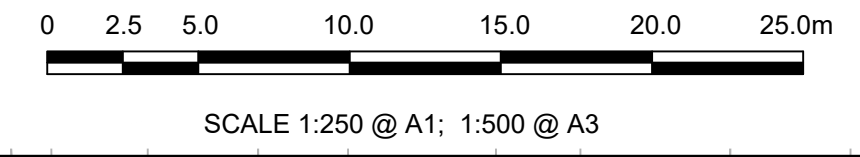
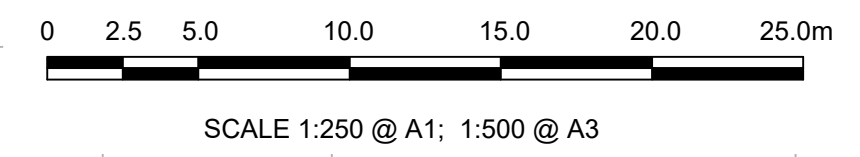
**A PROPOSED TRAFFIC SIGNALS**  
Scale: 1:250

**KEY:**

➔ #	PROPOSED PRIMARY SIGNAL HEAD AND TYPE No. (REFER TO TRAFFIC SIGNAL HEADS SCHEDULE)	●	PROPOSED NAL LOOP BOX	⊠	PROPOSED JB4A CHAMBER
➔ #	PROPOSED SECONDARY SIGNAL HEAD AND TYPE No. (REFER TO TRAFFIC SIGNAL HEADS SCHEDULE)	□	PROPOSED SCATS INDUCTION LOOP	■	PROPOSED 1200x600mm CARRIAGEWAY CHAMBER. REFER TO STD-500-DC-018 FOR DETAILS.
➔	PROPOSED PEDESTRIAN SIGNAL	□	PROPOSED SCATS INDUCTION LOOP FOR CYCLISTS	■	PROPOSED 600x600mm CARRIAGEWAY CHAMBER. REFER TO STD-500-DC-019 FOR DETAILS.
➔	PROPOSED PEDESTRIAN DEMAND PUSH BUTTON UNIT	▲	EXISTING MINI-PILLAR TO BE RETAINED	■	EXISTING TRAFFIC CHAMBER TO BE RE-USED
●	PROPOSED TRAFFIC SIGNALS POLE MOUNTED ON POLE RETENTION SOCKET	▲	EXISTING MICRO-PILLAR TO BE RELOCATED	■	EXISTING COLT CARRIAGEWAY CHAMBER (TAKEN FROM COLT AS CONSTRUCTED DRAWINGS MM2252-AB001 & MM2252-AB002 - LOCATIONS ARE INDICATIVE)
— 1	PROPOSED 1x110 HDPE DUCT (TRAFFIC SIGNALS)	▲	PROPOSED MICRO-PILLAR	■	EXISTING DCC SPARE DUCTING (TAKEN FROM COLT AS CONSTRUCTED DRAWINGS MM2252-AB001 & MM2252-AB002 - LOCATIONS ARE INDICATIVE)
— 2	PROPOSED 2x110 HDPE DUCT (TRAFFIC SIGNALS)	▲	PROPOSED JB1 CHAMBER REFER TO TD-A-500-016 FOR DETAILS.	■	AREA PROVIDED BY THE EMPLOYER
— 2	PROPOSED 2x110 HDPE DUCT (FIBRE)	▲	PROPOSED JB2 CHAMBER REFER TO TD-A-500-016 FOR DETAILS.	■	
— 4x110	PROPOSED 4x110 HDPE DUCT (FIBRE)	▲	PROPOSED JB4 CHAMBER REFER TO TD-A-500-016 FOR DETAILS.	■	
— 6x110	PROPOSED 6x110 HDPE DUCT (2xFIBRE, 4XTRAFFIC SIGNALS)	▲	PROPOSED JB4 CARRIAGEWAY CHAMBER REFER TO STD-500-DC-019, WITH DIMENSIONS ADJUSTED TO SUIT A JB4	■	
■	EXISTING SIGNAL CONTROLLER TO REMAIN IN PLACE	■		■	
■	PROPOSED SIGNAL CONTROLLER	■		■	
■	PROPOSED FIBRE TRANSMISSION CABINET	■		■	



**B PROPOSED TRAFFIC SIGNALS**  
Scale: 1:250



**AECOM**

PROJECT  
**Fitzwilliam Cycle Route**

CLIENT  
Comhairle Cathrach  
Bhaile Átha Cliath  
Dublin City Council

**NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Project Ireland 2040  
Building Ireland's Future

CONSULTANT  
AECOM  
Adelphi Plaza  
George's Street Upper  
Dun Laoghaire Co. Dublin  
Tel: +353(0)1 2383100 Fax: +353(0)1 2383199  
www.aecom.com

- TRAFFIC SIGNALS NOTES:**
- TRAFFIC SIGNAL DUCTS (CONTINUOUS LINE) ARE SMOOTH BORE 100MM DIA. HDPE (RED, MARKED 'TRAFFIC') EXCEPT WHEN DETAILED OTHERWISE. NUMBER OF DUCTS BETWEEN CHAMBERS IS INDICATED ADJACENT TO THAT DUCT RUN WITH A NUMBER.
  - TRAFFIC SIGNAL CONTROLLER TO BE SCATS COMPLIANT.
  - PLEASE REFER TO APPENDIX 12/5 OF THE SPECIFICATION FOR FURTHER DETAILS.
  - FOR SIGNAL HEAD CONFIGURATIONS, REFER TO APPENDIX 9A TRAFFIC SIGNALS MANUAL 2019.
  - FIBRE DUCTS (CONTINUOUS LINE) ARE SMOOTH BORE 100MM DIA. HDPE (GREEN, MARKED 'FIBRE') EXCEPT WHEN DETAILED OTHERWISE. NUMBER OF DUCTS BETWEEN CHAMBERS IS INDICATED ADJACENT TO THAT DUCT RUN WITH A NUMBER.
  - POSITION OF DUCTING, CHAMBERS, POLES AND INDUCTION LOOPS TO BE AGREED WITH SIGNALS CONTRACTOR, DCC TRAFFIC OFFICERS, AND EMPLOYER'S REPRESENTATIVE.
  - EXISTING TRAFFIC SIGNALS TO REMAIN OPERATIONAL UNTIL NEW SIGNALS ARE COMMISSIONED. EXISTING SIGNAL CABLES TO BE PROTECTED DURING THE WORKS.
  - TRAFFIC SIGNALS TO BE INSTALLED TO PROVIDE A MINIMUM LATERAL CLEARANCE OF 450MM FROM THE ADJACENT CARRIAGEWAY / CYCLEWAY EDGE. PUSH BUTTON UNITS TO BE INSTALLED WITHIN 500MM OF THE EDGE OF TACTILE PAVING.
  - DUE TO THE PRESENCE OF EXISTING SERVICES AND CELLARS, ONLY HAND-DIGGING WILL BE PERMITTED.

**ISSUE/REVISION**

NO.	DATE	DESCRIPTION
A	JUNE 2022	ISSUED FOR TENDER
I/R	DATE	DESCRIPTION

**KEY PLAN**

**PROJECT NUMBER**  
60578028

**SHEET TITLE**  
PROPOSED TRAFFIC SIGNALS  
SHEET 1 OF 3

**SHEET NUMBER**  
60578028\_DD-SHT\_900.4

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