ISO A1 594mm x 841mm

Approved: BMcM

Checked: AM

Designer: TM

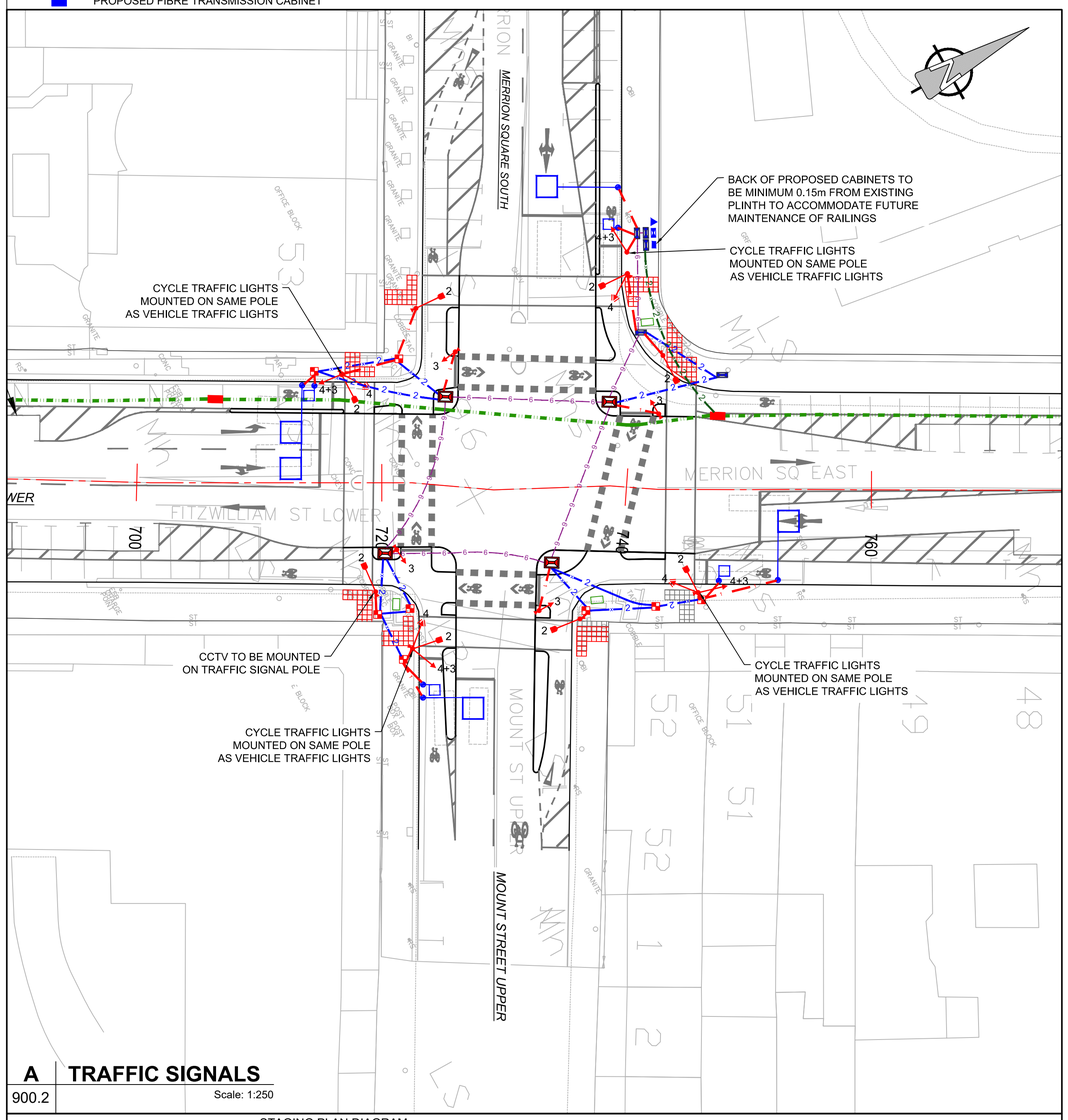
Project Management Initials:

Last saved by: MEEHANT(2022-06-29) Last Plotted: 2022-06-30

Filename: \\EU.AECOMNET.COM\EMIA\UKI\IEDBL2\JOBS\PR-299627_FITZWILLIAM_CYCLE_ROUTE_DCC\900_CAD_GIS\910_CAD\20-SHEETS\DETAILED DESIGN\60578028_DD_900_A.DWG

KEY:

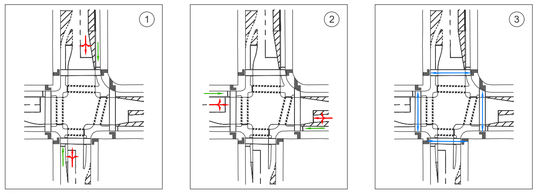
- # PROPOSED PRIMARY SIGNAL HEAD AND TYPE No. (REFER TO TRAFFIC SIGNAL HEADS SCHEDULE)
- # PROPOSED SECONDARY SIGNAL HEAD AND TYPE No. (REFER TO TRAFFIC SIGNAL HEADS SCHEDULE)
- PROPOSED PEDESTRIAN SIGNAL
- PROPOSED PEDESTRIAN DEMAND PUSH BUTTON UNIT
- PROPOSED TRAFFIC SIGNALS POLE MOUNTED ON POLE RETENTION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



A TRAFFIC SIGNALS

900.2 Scale: 1:250

STAGING PLAN DIAGRAM
FITZWILLIAM STREET LOWER / MERRION SQUARE SOUTH & EAST / MOUNT STREET UPPER



KEY:
- VEHICLE MOVEMENTS
- CYCLE MOVEMENTS
- PEDESTRIAN MOVEMENTS

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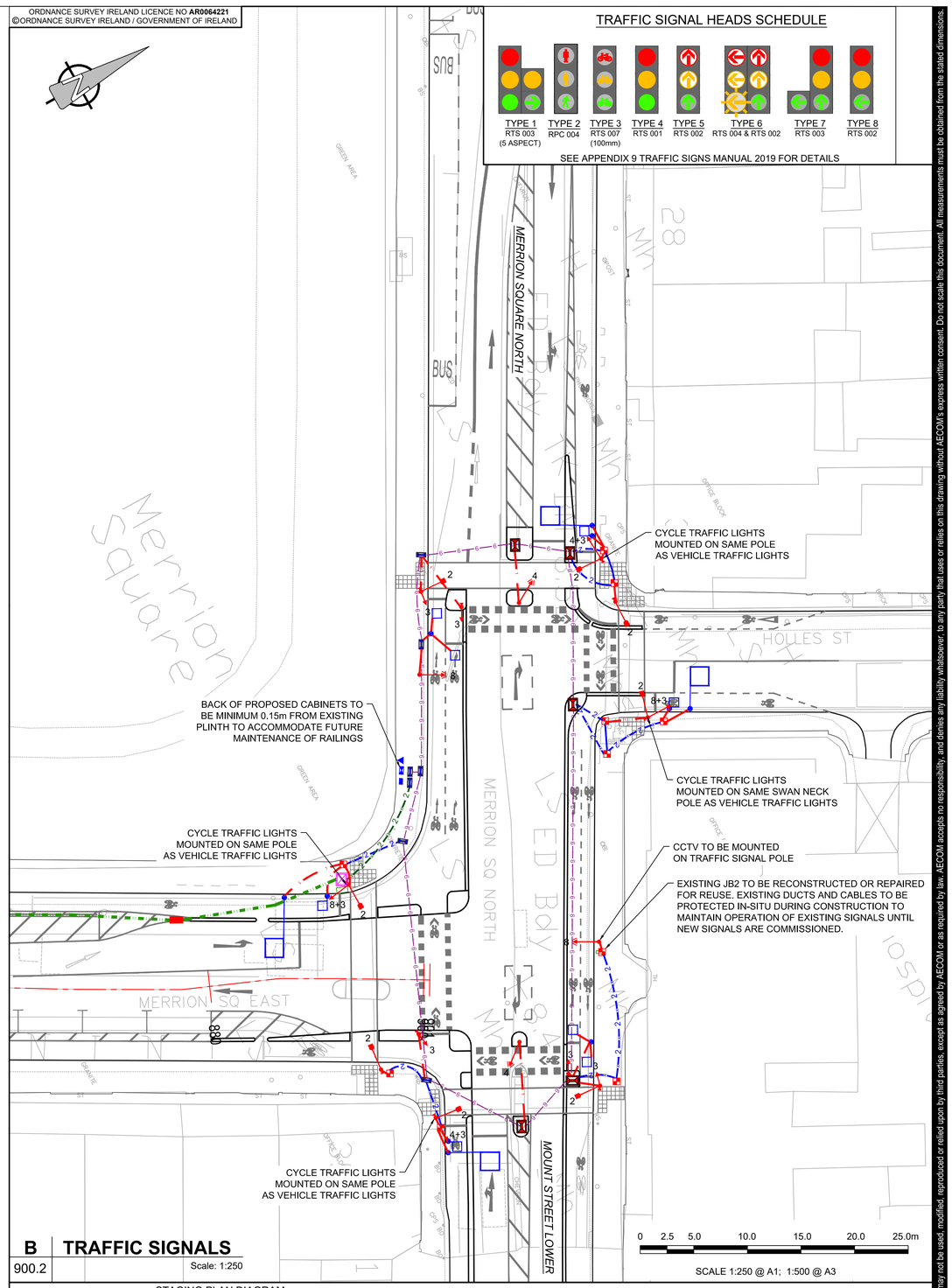
TRAFFIC SIGNAL HEADS SCHEDULE

TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6	TYPE 7	TYPE 8
RTS 003 (5 ASPECT)	RPC 004	RTS 007 (100mm)	RTS 001	RTS 002	RTS 004 & RTS 002	RTS 003	RTS 002

SEE APPENDIX 9 TRAFFIC SIGNS MANUAL 2019 FOR DETAILS



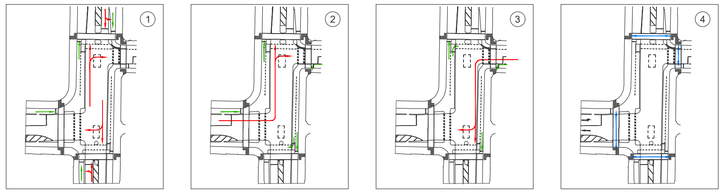
0 2.5 5.0 10.0 15.0 20.0 25.0m

SCALE 1:250 @ A1; 1:500 @ A3

B TRAFFIC SIGNALS

900.2 Scale: 1:250

STAGING PLAN DIAGRAM
MERRION SQUARE EAST / MOUNT STREET LOWER / MERRION SQUARE NORTH / HOLLES STREET



KEY:
- VEHICLE MOVEMENTS
- CYCLE MOVEMENTS
- PEDESTRIAN MOVEMENTS

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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

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TRAFFIC SIGNALS NOTES:

1. 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.
2. TRAFFIC SIGNAL CONTROLLER TO BE SCATS COMPLIANT.
3. PLEASE REFER TO APPENDIX 12/5 OF THE SPECIFICATION FOR FURTHER DETAILS.
4. FOR SIGNAL HEAD CONFIGURATIONS, REFER TO APPENDIX 9A TRAFFIC SIGNS MANUAL 2019.
5. 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.
6. POSITION OF DUCTING, CHAMBERS, POLES AND INDUCTION LOOPS TO BE AGREED WITH SIGNALS CONTRACTOR, DCC TRAFFIC OFFICERS, AND EMPLOYER'S REPRESENTATIVE.
7. EXISTING TRAFFIC SIGNALS TO REMAIN OPERATIONAL UNTIL NEW SIGNALS ARE COMMISSIONED. EXISTING SIGNAL CABLING TO BE PROTECTED DURING THE WORKS.
8. TRAFFIC SIGNALS TO BE INSTALLED TO PROVIDE A MINIMUM LATERAL CLEARANCE OF 450MM FROM THE ADJACENT CARRIAGEWAY / CYCLEWAY EDGE. PUSH BUTTON UNITS TO INSTALLED WITHIN 500MM OF THE EDGE OF TACTILE PAVING.
9. DUE TO THE PRESENCE OF EXISTING SERVICES AND CELLARS, ONLY HAND-DIGGING WILL BE PERMITTED.

ISSUE/REVISION

I/R	DATE	DESCRIPTION
A	JUNE 2022	ISSUED FOR TENDER

KEY PLAN

PROJECT NUMBER

60578028

SHEET TITLE

TRAFFIC SIGNALS
SHEET 2 OF 2

SHEET NUMBER

60578028_DD-SHT_900.2

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